

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

11/22/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	35.63	26.65	27.60	32.14	27.06	33.43	36.03	32.05	38.07	41.04	45.80	40.84	42.19	43.05	48.42	50.00	48.94	52.61	67.11	40.30	35.98	36.94	32.50	30.39
24138	2.25	1.62	1.67	1.96	1.76	2.29	2.77	2.60	3.27	3.61	3.80	3.74	3.90	3.80	4.20	4.34	4.32	4.64	5.78	3.52	3.03	2.96	2.52	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.77	-0.08	-0.28	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	35.62	26.64	27.59	32.14	27.06	33.42	36.03	32.02	38.04	41.00	45.79	40.83	42.19	43.04	48.42	50.00	48.94	52.61	67.12	40.33	36.01	36.98	32.53	30.41
24260	2.23	1.62	1.66	1.97	1.76	2.28	2.76	2.57	3.24	3.58	3.79	3.73	3.90	3.78	4.20	4.34	4.32	4.64	5.79	3.55	3.07	2.99	2.55	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.77	-0.08	-0.28	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	35.62	26.64	27.59	32.14	27.06	33.42	36.03	32.02	38.04	41.00	45.79	40.83	42.19	43.04	48.42	50.00	48.94	52.61	67.12	40.33	36.01	36.98	32.53	30.41
24261	2.23	1.62	1.66	1.97	1.76	2.28	2.76	2.57	3.24	3.58	3.79	3.73	3.90	3.78	4.20	4.34	4.32	4.64	5.79	3.55	3.07	2.99	2.55	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.77	-0.08	-0.28	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	35.52	26.74	27.77	32.37	27.03	33.16	35.47	31.50	37.17	39.94	41.36	39.03	40.14	41.25	46.40	48.26	47.35	50.80	64.96	38.87	34.67	35.78	31.57	29.63
24011	2.14	1.72	1.84	2.19	1.73	2.02	2.21	2.05	2.37	2.52	2.32	1.99	2.06	2.00	2.19	2.60	2.73	2.83	3.64	2.09	1.73	1.80	1.60	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	-0.02	-0.07	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	35.63	26.86	27.90	32.58	27.22	33.37	35.66	31.71	37.39	40.13	41.41	39.09	40.22	41.38	46.56	48.47	47.66	51.07	65.33	39.05	34.73	35.92	31.70	29.72
23798	2.24	1.83	1.97	2.40	1.92	2.23	2.40	2.26	2.58	2.70	2.37	2.06	2.14	2.13	2.34	2.81	3.04	3.10	4.00	2.27	1.79	1.94	1.73	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	-0.02	-0.07	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	35.52	26.74	27.77	32.37	27.03	33.16	35.47	31.50	37.17	39.94	41.36	39.03	40.14	41.25	46.40	48.26	47.35	50.80	64.96	38.87	34.67	35.78	31.57	29.63
24028	2.14	1.72	1.84	2.19	1.73	2.02	2.21	2.05	2.37	2.52	2.32	1.99	2.06	2.00	2.19	2.60	2.73	2.83	3.64	2.09	1.73	1.80	1.60	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	-0.02	-0.07	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	35.35	26.59	27.57	32.22	26.99	33.22	35.60	31.60	37.40	40.11	41.65	39.50	40.63	41.84	47.12	48.78	47.61	51.16	65.45	39.25	35.34	36.35	32.01	30.07
23527	1.97	1.56	1.65	2.04	1.69	2.08	2.34	2.15	2.60	2.69	2.67	2.46	2.53	2.59	2.90	3.12	2.99	3.19	4.12	2.46	2.40	2.36	2.03	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	-0.03	-0.09	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	33.65	25.36	26.33	30.60	25.68	31.51	33.80	29.97	35.50	38.14	39.79	37.79	38.88	40.02	45.05	46.56	45.56	48.93	62.57	37.53	33.65	34.61	30.47	28.64
24190	0.27	0.33	0.41	0.42	0.38	0.37	0.54	0.52	0.70	0.72	0.76	0.76	0.79	0.77	0.83	0.90	0.94	0.96	1.25	0.74	0.71	0.62	0.49	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	-0.02	-0.08	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	33.16	24.81	25.00	28.17	23.23	28.46	30.19	26.88	31.57	32.91	35.68	33.76	34.75	36.73	41.79	43.17	42.58	46.08	59.15	35.58	31.81	33.50	29.71	27.96
355683	-0.22	-0.22	-0.93	-2.01	-2.07	-2.68	-3.07	-2.57	-3.23	-3.60	-3.54	-3.26	-3.26	-2.52	-2.43	-2.49	-2.04	-1.89	-2.17	-1.20	-1.14	-0.49	-0.27	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.00	0.00	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	34.30	25.80	26.78	31.17	26.14	32.12	34.43	30.52	36.11	38.80	40.54	38.38	39.44	40.62	45.77	47.35	46.35	49.79	63.68	38.19	34.22	35.23	31.02	29.18
323833	0.91	0.77	0.85	0.99	0.84	0.98	1.16	1.07	1.31	1.37	1.41	1.33	1.35	1.36	1.55	1.69	1.73	1.81	2.35	1.40	1.27	1.24	1.05	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	-0.02	-0.08	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	34.28	25.79	26.77	31.16	26.14	32.12	34.42	30.50	36.10	38.79	40.53	38.37	39.43	40.61	45.77	47.33	46.33	49.75	63.67	38.17	34.21	35.22	31.01	29.17
323834	0.90	0.76	0.84	0.98	0.83	0.97	1.16	1.05	1.30	1.36	1.40	1.33	1.34	1.36	1.55	1.67	1.71	1.78	2.35	1.38	1.27	1.23	1.04	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	-0.02	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	33.65	25.36	26.33	30.60	25.68	31.51	33.80	29.97	35.50	38.14	39.79	37.79	38.88	40.02	45.05	46.56	45.56	48.93	62.57	37.53	33.65	34.61	30.47	28.64
23571	0.27	0.33	0.41	0.42	0.38	0.37	0.54	0.52	0.70	0.72	0.76	0.76	0.79	0.77	0.83	0.90	0.94	0.96	1.25	0.74	0.71	0.62	0.49	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	-0.02	-0.08	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	33.65 0.27 0.00	25.36 0.33 0.00	26.33 0.41 0.00	30.60 0.42 0.00	25.68 0.38 0.00	31.51 0.37 0.00	33.80 0.54 0.00	29.97 0.52 0.00	35.50 0.70 0.00	38.14 0.72 0.00	39.79 0.76 0.19	37.79 0.76 -0.02	38.88 0.79 -0.08	40.02 0.77 0.00	45.05 0.83 0.00	46.56 0.90 0.00	45.56 0.94 0.00	48.93 0.96 0.00	62.57 1.25 0.00	37.53 0.74 0.00	33.65 0.71 0.00	34.61 0.62 0.00	30.47 0.49 0.00	28.64 0.38 0.00
ALBANY___3 23573	33.65 0.27 0.00	25.36 0.33 0.00	26.33 0.41 0.00	30.60 0.42 0.00	25.68 0.38 0.00	31.51 0.37 0.00	33.80 0.54 0.00	29.97 0.52 0.00	35.50 0.70 0.00	38.14 0.72 0.00	39.79 0.76 0.19	37.79 0.76 -0.02	38.88 0.79 -0.08	40.02 0.77 0.00	45.05 0.83 0.00	46.56 0.90 0.00	45.56 0.94 0.00	48.93 0.96 0.00	62.57 1.25 0.00	37.53 0.74 0.00	33.65 0.71 0.00	34.61 0.62 0.00	30.47 0.49 0.00	28.64 0.38 0.00
ALBANY___4 23574	33.65 0.27 0.00	25.36 0.33 0.00	26.33 0.41 0.00	30.60 0.42 0.00	25.68 0.38 0.00	31.51 0.37 0.00	33.80 0.54 0.00	29.97 0.52 0.00	35.50 0.70 0.00	38.14 0.72 0.00	39.79 0.76 0.19	37.79 0.76 -0.02	38.88 0.79 -0.08	40.02 0.77 0.00	45.05 0.83 0.00	46.56 0.90 0.00	45.56 0.94 0.00	48.93 0.96 0.00	62.57 1.25 0.00	37.53 0.74 0.00	33.65 0.71 0.00	34.61 0.62 0.00	30.47 0.49 0.00	28.64 0.38 0.00
ALBANY___LFGE 323615	34.02 0.64 0.00	25.62 0.59 0.00	26.59 0.66 0.00	30.92 0.74 0.00	25.95 0.65 0.00	31.87 0.72 0.00	34.18 0.92 0.00	30.32 0.87 0.00	35.91 1.11 0.00	38.51 1.08 0.00	40.16 1.13 0.19	38.14 1.11 -0.02	39.24 1.15 -0.08	40.48 1.23 0.00	45.56 1.35 0.00	47.10 1.45 0.00	46.09 1.47 0.00	49.49 1.52 0.00	63.28 1.96 0.00	37.95 1.16 0.00	34.02 1.07 0.00	34.98 1.00 0.00	30.79 0.81 0.00	28.93 0.68 0.00
ALCOA_PA_115KV_PL-6C 55860	33.36 -0.03 0.00	24.94 -0.09 0.00	25.13 -0.79 0.00	28.34 -1.84 0.00	23.37 -1.94 0.00	28.63 -2.51 0.00	30.37 -2.90 0.00	27.03 -2.41 0.00	31.76 -3.04 0.00	33.13 -3.41 0.89	35.88 -3.34 0.00	33.94 -3.08 0.00	34.91 -3.10 0.00	36.88 -2.37 0.00	41.96 -2.26 0.00	43.35 -2.32 0.00	42.77 -1.84 0.00	46.31 -1.66 0.00	59.46 -1.87 0.00	35.75 -1.04 0.00	31.96 -0.98 0.00	33.66 -0.33 0.00	29.84 -0.13 0.00	28.08 -0.17 0.00
ALCOA_RYNLDS___DRP 24188	33.36 -0.03 0.00	24.94 -0.09 0.00	25.13 -0.79 0.00	28.34 -1.84 0.00	23.37 -1.94 0.00	28.63 -2.51 0.00	30.37 -2.90 0.00	27.03 -2.41 0.00	31.76 -3.04 0.00	33.13 -3.41 0.89	35.88 -3.34 0.00	33.94 -3.08 0.00	34.91 -3.10 0.00	36.88 -2.37 0.00	41.96 -2.26 0.00	43.35 -2.32 0.00	42.77 -1.84 0.00	46.31 -1.66 0.00	59.46 -1.87 0.00	35.75 -1.04 0.00	31.96 -0.98 0.00	33.66 -0.33 0.00	29.84 -0.13 0.00	28.08 -0.17 0.00
ALCOA___DSASP 323711	33.36 -0.03 0.00	24.94 -0.09 0.00	25.13 -0.79 0.00	28.34 -1.84 0.00	23.37 -1.94 0.00	28.63 -2.51 0.00	30.37 -2.90 0.00	27.03 -2.42 0.00	31.76 -3.04 0.00	33.13 -3.41 0.89	35.88 -3.35 0.00	33.94 -3.08 0.00	34.91 -3.10 0.00	36.89 -2.37 0.00	41.96 -2.26 0.00	43.35 -2.31 0.00	42.77 -1.84 0.00	46.31 -1.66 0.00	59.46 -1.87 0.00	35.75 -1.04 0.00	31.96 -0.98 0.00	33.66 -0.33 0.00	29.84 -0.13 0.00	28.08 -0.17 0.00
ALLEGHENY___COGEN 23514	33.48 0.09 0.00	24.81 -0.21 0.00	25.66 -0.27 0.00	30.20 0.02 0.00	25.33 0.03 0.00	31.43 0.29 0.00	33.67 0.40 0.00	29.82 0.37 0.00	35.23 0.43 0.00	36.46 0.43 1.40	39.66 0.31 -0.13	36.76 -0.24 0.01	37.50 -0.46 0.05	39.33 0.08 0.00	44.48 0.27 0.00	45.85 0.19 0.00	44.74 0.12 0.00	48.26 0.28 0.00	61.47 0.14 0.00	36.80 0.02 0.00	32.79 -0.15 0.00	34.09 0.11 0.00	30.11 0.14 0.00	28.56 0.30 0.00
ALTAMONT_115KV_TB 2 55880	34.07 0.68 0.00	25.60 0.57 0.00	26.56 0.63 0.00	30.92 0.74 0.00	25.93 0.63 0.00	31.89 0.75 0.00	34.17 0.91 0.00	30.30 0.85 0.00	35.86 1.07 0.00	38.57 1.15 0.00	40.26 1.21 0.18	38.21 1.17 -0.02	39.29 1.21 -0.07	40.44 1.19 0.00	45.52 1.31 0.00	47.05 1.39 0.00	46.02 1.40 0.00	49.46 1.48 0.00	63.24 1.92 0.00	37.93 1.15 0.00	34.00 1.06 0.00	34.99 1.01 0.00	30.82 0.85 0.00	28.98 0.73 0.00
ALTONA_WT_PWR 323606	33.16 -0.23 0.00	24.82 -0.21 0.00	24.85 -1.08 0.00	27.82 -2.36 0.00	22.91 -2.39 0.00	28.12 -3.03 0.00	29.79 -3.48 0.00	26.57 -2.88 0.00	31.17 -3.64 0.00	32.39 -4.11 0.92	35.17 -4.05 0.00	33.16 -3.85 0.00	34.27 -3.74 0.00	36.59 -2.66 0.00	41.99 -2.23 0.00	43.66 -2.00 0.00	43.06 -1.56 0.00	46.49 -1.48 0.00	59.77 -1.56 0.00	36.02 -0.76 0.00	32.09 -0.86 0.00	33.90 -0.09 0.00	30.12 0.14 0.00	28.33 0.08 0.00
AMERICAN_REF_FUEL 24010	31.56 -1.82 0.00	23.53 -1.50 0.00	24.38 -1.55 0.00	28.86 -1.32 0.00	24.03 -1.27 0.00	29.47 -1.67 0.00	31.08 -2.18 0.00	27.36 -2.10 0.00	32.20 -2.60 0.00	33.88 -2.68 0.86	36.32 -3.02 -0.11	33.48 -3.52 0.01	34.09 -3.88 0.04	35.64 -3.61 0.00	40.27 -3.95 0.00	41.34 -4.32 0.00	40.00 -4.62 0.00	43.09 -4.88 0.00	54.79 -6.54 0.00	32.91 -3.88 0.00	29.36 -3.58 0.00	31.00 -2.99 0.00	27.51 -2.46 0.00	26.49 -1.77 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.83 -0.56 0.00	24.34 -0.68 0.00	25.13 -0.80 0.00	29.40 -0.78 0.00	24.32 -0.98 0.00	30.04 -1.10 0.00	32.10 -1.17 0.00	28.30 -1.14 0.00	33.27 -1.53 0.00	34.75 -1.61 1.07	37.45 -1.90 -0.13	34.55 -2.45 0.01	25.80 -2.86 9.36	36.71 -2.54 0.00	41.48 -2.74 0.00	42.74 -2.92 0.00	41.22 -3.40 0.00	44.44 -3.53 0.00	56.62 -4.70 0.00	34.11 -2.67 0.00	30.61 -2.33 0.00	32.29 -1.70 0.00	28.68 -1.30 0.00	27.58 -0.67 0.00
ARTHUR KILL_GT_1 23520	35.51 2.13 0.00	26.54 1.52 0.00	27.49 1.57 0.00	32.00 1.83 0.00	26.94 1.64 0.00	33.27 2.13 0.00	35.94 2.68 0.00	31.90 2.45 0.00	37.87 3.07 0.00	40.75 3.33 0.00	45.46 3.46 -2.77	40.58 3.48 -0.08	41.95 3.66 -0.28	42.80 3.54 0.00	48.15 3.93 0.00	49.74 4.08 0.00	48.65 4.03 0.00	52.32 4.35 0.00	66.78 5.46 0.00	40.12 3.33 0.00	35.76 2.82 0.00	36.69 2.70 0.00	32.24 2.27 0.00	30.18 1.93 0.00
ARTHUR_KILL_2 23512	35.41 2.03 0.00	26.47 1.44 0.00	27.41 1.49 0.00	31.92 1.74 0.00	26.87 1.57 0.00	33.18 2.04 0.00	35.83 2.57 0.00	31.81 2.36 0.00	37.76 2.96 0.00	40.64 3.21 0.00	45.34 3.34 -2.77	40.47 3.37 -0.08	41.83 3.54 -0.28	42.67 3.41 0.00	48.00 3.79 0.00	49.58 3.92 0.00	48.51 3.89 0.00	52.15 4.18 0.00	66.58 5.26 0.00	39.98 3.20 0.00	35.65 2.71 0.00	36.58 2.59 0.00	32.15 2.17 0.00	30.09 1.84 0.00
ARTHUR_KILL_3 23513	35.44 2.05 0.00	26.49 1.46 0.00	27.43 1.51 0.00	31.95 1.78 0.00	26.91 1.61 0.00	33.23 2.09 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.79 2.99 0.00	40.71 3.28 0.00	45.48 3.49 -2.77	40.55 3.45 -0.08	41.91 3.63 -0.28	42.75 3.50 0.00	48.07 3.86 0.00	49.67 4.01 0.00	48.62 3.99 0.00	52.28 4.31 0.00	66.69 5.37 0.00	40.10 3.32 0.00	35.76 2.82 0.00	36.74 2.75 0.00	32.29 2.32 0.00	30.20 1.95 0.00

ARTHUR_KILL_COGEN 323718	35.51 2.13 0.00	26.54 1.52 0.00	27.49 1.57 0.00	32.00 1.83 0.00	26.94 1.64 0.00	33.27 2.13 0.00	35.94 2.68 0.00	31.90 2.45 0.00	37.87 3.07 0.00	40.75 3.33 0.00	45.46 3.46 -2.77	40.58 3.48 -0.08	41.95 3.66 -0.28	42.80 3.54 0.00	48.15 3.93 0.00	49.74 4.08 0.00	48.65 4.03 0.00	52.32 4.35 0.00	66.78 5.46 0.00	40.12 3.33 0.00	35.76 2.82 0.00	36.69 2.70 0.00	32.24 2.27 0.00	30.18 1.93 0.00
ASHOKAN____ 23654	34.62 1.23 0.00	26.03 1.00 0.00	26.99 1.06 0.00	31.42 1.24 0.00	26.37 1.07 0.00	32.47 1.33 0.00	34.93 1.67 0.00	31.11 1.66 0.00	36.89 2.09 0.00	39.74 2.32 0.00	42.31 2.71 -0.37	39.83 2.78 -0.03	40.91 2.78 -0.12	42.04 2.79 0.00	47.37 3.15 0.00	49.04 3.38 0.00	48.06 3.44 0.00	51.72 3.75 0.00	66.07 4.75 0.00	39.57 2.79 0.00	35.35 2.41 0.00	36.32 2.33 0.00	31.91 1.94 0.00	29.90 1.65 0.00
ASTORIA_EAST_ENERGY_CC1 323581	35.40 2.02 0.00	26.48 1.46 0.00	27.41 1.49 0.00	31.93 1.75 0.00	26.87 1.57 0.00	33.16 2.01 0.00	35.71 2.45 0.00	31.77 2.32 0.00	37.77 2.96 0.00	40.64 3.22 0.00	47.06 3.42 -4.42	40.50 3.40 -0.08	41.84 3.55 -0.28	42.69 3.43 0.00	48.01 3.79 0.00	49.58 3.92 0.00	48.55 3.93 0.00	52.18 4.21 0.00	66.57 5.25 0.00	47.18 3.29 -7.10	35.77 2.83 0.00	36.78 2.79 0.00	32.22 2.25 0.00	30.11 1.86 0.00
ASTORIA_EAST_ENERGY_CC2 323582	35.41 2.02 0.00	26.48 1.46 0.00	27.41 1.49 0.00	31.93 1.75 0.00	26.87 1.57 0.00	33.15 2.01 0.00	35.71 2.45 0.00	31.77 2.32 0.00	37.77 2.96 0.00	40.64 3.22 0.00	47.06 3.42 -4.42	40.50 3.40 -0.08	41.84 3.55 -0.28	42.69 3.43 0.00	48.01 3.79 0.00	49.58 3.92 0.00	48.55 3.93 0.00	52.18 4.21 0.00	66.57 5.25 0.00	47.18 3.29 -7.10	35.76 2.82 0.00	36.77 2.79 0.00	32.22 2.25 0.00	30.11 1.86 0.00
ASTORIA_GT2_1 24094	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT2_2 24095	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT2_3 24096	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT2_4 24097	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT3_1 24098	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT3_2 24099	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT3_3 24100	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT3_4 24101	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT4_1 24102	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT4_2 24103	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT4_3 24104	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00

ASTORIA_GT4_4 24105	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.46 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.66 3.24 0.00	47.09 3.45 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.70 3.45 0.00	48.03 3.82 0.00	49.59 3.93 0.00	48.57 3.95 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.79 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.12 1.87 0.00
ASTORIA_GT_1 23523	35.47 2.09 0.00	26.53 1.51 0.00	27.46 1.53 0.00	31.98 1.81 0.00	26.92 1.62 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.83 2.39 0.00	37.86 3.06 0.00	40.74 3.32 0.00	47.17 3.53 -4.42	40.60 3.50 -0.08	41.92 3.64 -0.28	42.80 3.54 0.00	48.13 3.92 0.00	49.70 4.04 0.00	48.65 4.04 0.00	52.32 4.34 0.00	66.72 5.39 0.00	47.28 3.39 -7.10	35.85 2.91 0.00	36.85 2.87 0.00	32.29 2.32 0.00	30.18 1.92 0.00
ASTORIA_GT_10 24110	35.45 2.07 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.98 1.80 0.00	26.92 1.62 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.82 2.37 0.00	37.81 3.01 0.00	40.77 3.34 0.00	45.48 3.48 -2.77	40.57 3.47 -0.08	41.92 3.63 -0.28	42.76 3.50 0.00	48.09 3.87 0.00	49.63 3.97 0.00	48.61 3.99 0.00	52.22 4.25 0.00	66.63 5.30 0.00	40.11 3.33 0.00	35.84 2.90 0.00	36.81 2.82 0.00	32.36 2.39 0.00	30.28 2.03 0.00
ASTORIA_GT_11 24225	35.45 2.07 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.98 1.80 0.00	26.92 1.62 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.82 2.37 0.00	37.81 3.01 0.00	40.77 3.34 0.00	45.48 3.48 -2.77	40.57 3.47 -0.08	41.92 3.63 -0.28	42.76 3.50 0.00	48.09 3.87 0.00	49.63 3.97 0.00	48.61 3.99 0.00	52.22 4.25 0.00	66.63 5.30 0.00	40.11 3.33 0.00	35.84 2.90 0.00	36.81 2.82 0.00	32.36 2.39 0.00	30.28 2.03 0.00
ASTORIA_GT_12 24226	35.45 2.07 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.98 1.80 0.00	26.92 1.62 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.82 2.37 0.00	37.81 3.01 0.00	40.77 3.34 0.00	45.48 3.48 -2.77	40.57 3.47 -0.08	41.92 3.63 -0.28	42.76 3.50 0.00	48.09 3.87 0.00	49.63 3.97 0.00	48.61 3.99 0.00	52.22 4.25 0.00	66.63 5.30 0.00	40.11 3.33 0.00	35.84 2.90 0.00	36.81 2.82 0.00	32.36 2.39 0.00	30.28 2.03 0.00
ASTORIA_GT_13 24227	35.45 2.07 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.98 1.80 0.00	26.92 1.62 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.82 2.37 0.00	37.81 3.01 0.00	40.77 3.34 0.00	45.48 3.48 -2.77	40.57 3.47 -0.08	41.92 3.63 -0.28	42.76 3.50 0.00	48.09 3.87 0.00	49.63 3.97 0.00	48.61 3.99 0.00	52.22 4.25 0.00	66.63 5.30 0.00	40.11 3.33 0.00	35.84 2.90 0.00	36.81 2.82 0.00	32.36 2.39 0.00	30.28 2.03 0.00
ASTORIA_GT_5 24106	35.47 2.09 0.00	26.53 1.51 0.00	27.46 1.53 0.00	31.98 1.80 0.00	26.91 1.61 0.00	33.21 2.07 0.00	35.79 2.52 0.00	31.84 2.39 0.00	37.85 3.05 0.00	40.74 3.32 0.00	47.17 3.53 -4.42	40.60 3.50 -0.08	41.92 3.64 -0.28	42.80 3.54 0.00	48.13 3.92 0.00	49.70 4.04 0.00	48.67 4.05 0.00	52.32 4.34 0.00	66.72 5.39 0.00	47.27 3.38 -7.10	35.86 2.91 0.00	36.86 2.87 0.00	32.29 2.32 0.00	30.17 1.92 0.00
ASTORIA_GT_7 24107	35.47 2.09 0.00	26.53 1.51 0.00	27.46 1.53 0.00	31.98 1.80 0.00	26.91 1.61 0.00	33.21 2.07 0.00	35.79 2.52 0.00	31.84 2.39 0.00	37.85 3.05 0.00	40.74 3.32 0.00	47.17 3.53 -4.42	40.60 3.50 -0.08	41.92 3.64 -0.28	42.80 3.54 0.00	48.13 3.92 0.00	49.70 4.04 0.00	48.67 4.05 0.00	52.32 4.34 0.00	66.72 5.39 0.00	47.27 3.38 -7.10	35.86 2.91 0.00	36.86 2.87 0.00	32.29 2.32 0.00	30.17 1.92 0.00
ASTORIA_GT_8 24108	35.47 2.09 0.00	26.53 1.51 0.00	27.46 1.53 0.00	31.98 1.80 0.00	26.91 1.61 0.00	33.21 2.07 0.00	35.79 2.52 0.00	31.84 2.39 0.00	37.85 3.05 0.00	40.74 3.32 0.00	47.17 3.53 -4.42	40.60 3.50 -0.08	41.92 3.64 -0.28	42.80 3.54 0.00	48.13 3.92 0.00	49.70 4.04 0.00	48.67 4.05 0.00	52.32 4.34 0.00	66.72 5.39 0.00	47.27 3.38 -7.10	35.86 2.91 0.00	36.86 2.87 0.00	32.29 2.32 0.00	30.17 1.92 0.00
ASTORIA___2 24149	35.42 2.03 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.17 2.03 0.00	35.73 2.47 0.00	31.78 2.33 0.00	37.78 2.98 0.00	40.67 3.24 0.00	47.08 3.44 -4.42	40.52 3.42 -0.08	41.85 3.56 -0.28	42.71 3.46 0.00	48.04 3.82 0.00	49.59 3.94 0.00	48.56 3.94 0.00	52.21 4.24 0.00	66.59 5.27 0.00	47.19 3.31 -7.10	35.78 2.84 0.00	36.79 2.80 0.00	32.23 2.26 0.00	30.13 1.87 0.00
ASTORIA___3 23516	35.46 2.07 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.98 1.81 0.00	26.92 1.62 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.82 2.37 0.00	37.81 3.01 0.00	40.77 3.34 0.00	45.48 3.48 -2.77	40.56 3.46 -0.08	41.92 3.63 -0.28	42.76 3.50 0.00	48.09 3.87 0.00	49.63 3.97 0.00	48.59 3.97 0.00	52.22 4.25 0.00	66.63 5.30 0.00	40.12 3.33 0.00	35.85 2.90 0.00	36.81 2.82 0.00	32.36 2.39 0.00	30.29 2.03 0.00
ASTORIA___4 23517	35.45 2.07 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.98 1.80 0.00	26.92 1.62 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.82 2.37 0.00	37.81 3.01 0.00	40.77 3.34 0.00	45.48 3.48 -2.77	40.57 3.47 -0.08	41.92 3.63 -0.28	42.76 3.50 0.00	48.09 3.87 0.00	49.63 3.97 0.00	48.61 3.99 0.00	52.22 4.25 0.00	66.63 5.30 0.00	40.11 3.33 0.00	35.84 2.90 0.00	36.81 2.82 0.00	32.36 2.39 0.00	30.28 2.03 0.00
ASTORIA___5 23518	35.46 2.07 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.98 1.81 0.00	26.92 1.62 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.82 2.37 0.00	37.81 3.01 0.00	40.77 3.34 0.00	45.48 3.48 -2.77	40.56 3.46 -0.08	41.92 3.63 -0.28	42.76 3.50 0.00	48.08 3.86 0.00	49.63 3.97 0.00	48.59 3.97 0.00	52.22 4.25 0.00	66.63 5.30 0.00	40.12 3.33 0.00	35.85 2.90 0.00	36.81 2.82 0.00	32.36 2.39 0.00	30.29 2.03 0.00
AST_ENERGY_2_CC3 323677	35.34 1.95 0.00	26.45 1.42 0.00	27.39 1.46 0.00	31.90 1.72 0.00	26.87 1.57 0.00	33.17 2.03 0.00	35.67 2.41 0.00	31.70 2.25 0.00	37.65 2.85 0.00	40.60 3.17 0.00	45.35 3.35 -2.77	40.45 3.35 -0.08	41.80 3.51 -0.28	42.58 3.32 0.00	47.89 3.67 0.00	49.46 3.80 0.00	48.41 3.79 0.00	52.05 4.08 0.00	66.43 5.10 0.00	39.94 3.15 0.00	35.71 2.77 0.00	36.75 2.76 0.00	32.34 2.37 0.00	30.19 1.94 0.00
AST_ENERGY_2_CC4 323678	35.34 1.95 0.00	26.45 1.42 0.00	27.39 1.46 0.00	31.90 1.72 0.00	26.87 1.57 0.00	33.17 2.03 0.00	35.67 2.41 0.00	31.70 2.25 0.00	37.65 2.85 0.00	40.60 3.17 0.00	45.35 3.35 -2.77	40.45 3.35 -0.08	41.80 3.51 -0.28	42.58 3.32 0.00	47.89 3.67 0.00	49.46 3.80 0.00	48.41 3.79 0.00	52.05 4.08 0.00	66.43 5.10 0.00	39.94 3.15 0.00	35.71 2.77 0.00	36.75 2.76 0.00	32.34 2.37 0.00	30.19 1.94 0.00

ATHENS_STG_1 23668	34.18 0.79 0.00	25.68 0.66 0.00	26.64 0.71 0.00	31.01 0.83 0.00	26.03 0.73 0.00	32.03 0.89 0.00	34.38 1.11 0.00	30.49 1.04 0.00	36.11 1.31 0.00	38.85 1.42 0.00	40.53 1.58 0.28	38.64 1.59 -0.03	39.78 1.67 -0.10	40.86 1.61 0.00	45.98 1.76 0.00	47.50 1.84 0.00	46.46 1.84 0.00	49.93 1.95 0.00	63.83 2.51 0.00	38.31 1.53 0.00	34.31 1.37 0.00	35.28 1.29 0.00	31.10 1.12 0.00	29.24 0.99 0.00
ATHENS_STG_2 23670	34.18 0.79 0.00	25.68 0.66 0.00	26.64 0.71 0.00	31.01 0.83 0.00	26.03 0.73 0.00	32.03 0.89 0.00	34.38 1.11 0.00	30.49 1.04 0.00	36.11 1.31 0.00	38.85 1.42 0.00	40.53 1.58 0.28	38.64 1.59 -0.03	39.78 1.67 -0.10	40.86 1.61 0.00	45.98 1.76 0.00	47.50 1.84 0.00	46.46 1.84 0.00	49.93 1.95 0.00	63.83 2.51 0.00	38.31 1.53 0.00	34.31 1.37 0.00	35.28 1.29 0.00	31.10 1.12 0.00	29.24 0.99 0.00
ATHENS_STG_3 23677	34.18 0.79 0.00	25.68 0.66 0.00	26.64 0.71 0.00	31.01 0.83 0.00	26.03 0.73 0.00	32.03 0.89 0.00	34.38 1.11 0.00	30.49 1.04 0.00	36.11 1.31 0.00	38.85 1.42 0.00	40.53 1.58 0.28	38.64 1.59 -0.03	39.78 1.67 -0.10	40.86 1.61 0.00	45.98 1.76 0.00	47.50 1.84 0.00	46.46 1.84 0.00	49.93 1.95 0.00	63.83 2.51 0.00	38.31 1.53 0.00	34.31 1.37 0.00	35.28 1.29 0.00	31.10 1.12 0.00	29.24 0.99 0.00
AUBURN___LFGE 323710	33.42 0.03 0.00	24.97 -0.06 0.00	25.86 -0.07 0.00	30.18 0.01 0.00	25.37 0.07 0.00	31.32 0.18 0.00	33.50 0.23 0.00	29.74 0.29 0.00	35.13 0.33 0.00	38.10 0.36 -0.31	39.53 0.19 -0.11	37.25 0.24 0.01	38.02 0.05 0.04	39.35 0.10 0.00	44.49 0.27 0.00	45.87 0.21 0.00	44.58 -0.04 0.00	48.10 0.13 0.00	61.19 -0.14 0.00	36.69 -0.09 0.00	32.80 -0.14 0.00	33.87 -0.12 0.00	29.88 -0.09 0.00	28.32 0.07 0.00
BABYLON_RES_REC 323704	35.31 2.04 0.11	26.48 1.46 0.00	27.53 1.60 0.00	31.97 1.80 0.00	26.91 1.61 0.00	33.37 2.23 0.00	35.84 2.58 0.00	31.75 2.30 0.00	37.86 3.06 0.00	40.79 3.37 0.00	50.66 4.05 -7.38	47.13 3.85 -6.27	48.53 4.01 -6.51	45.79 3.90 -2.63	53.47 4.27 -4.98	54.39 4.27 -4.46	53.81 4.25 -4.95	62.75 4.51 -10.26	84.86 5.70 -17.84	61.09 3.56 -20.75	35.91 2.96 0.00	36.91 2.93 0.00	33.72 2.79 -0.96	30.64 2.38 0.00
BABYLON__69_KV_BK2 356345	35.57 2.33 0.13	26.70 1.67 0.00	27.78 1.85 0.00	32.24 2.07 0.00	27.13 1.83 0.00	33.68 2.53 0.00	36.14 2.88 0.00	32.02 2.57 0.00	38.21 3.41 0.00	41.17 3.74 0.00	50.67 4.50 -6.95	46.93 4.24 -5.68	48.35 4.42 -5.92	45.89 4.31 -2.32	53.49 4.76 -4.51	54.50 4.80 -4.04	53.89 4.79 -4.48	62.93 5.10 -9.87	85.15 6.36 -17.47	60.16 4.00 -19.37	36.26 3.32 0.00	37.28 3.29 0.00	34.03 3.12 -0.94	30.95 2.69 0.00
BALL_HILL_WT_PWR 323825	32.63 -0.76 0.00	24.22 -0.81 0.00	25.06 -0.86 0.00	29.51 -0.67 0.00	24.55 -0.75 0.00	30.28 -0.86 0.00	32.18 -1.09 0.00	28.37 -1.08 0.00	33.40 -1.40 0.00	34.98 -1.44 1.00	37.68 -1.66 -0.12	34.82 -2.18 0.01	34.04 -2.51 1.46	37.08 -2.17 0.00	41.89 -2.33 0.00	43.04 -2.62 0.00	41.60 -3.02 0.00	44.84 -3.13 0.00	57.07 -4.25 0.00	34.32 -2.46 0.00	30.66 -2.29 0.00	32.27 -1.72 0.00	28.59 -1.39 0.00	27.43 -0.83 0.00
BARON_WINDS___WT_PWR 323822	31.96 -1.43 0.00	23.59 -1.44 0.00	24.45 -1.49 0.00	28.71 -1.46 0.00	24.13 -1.17 0.00	30.02 -1.12 0.00	32.04 -1.22 0.00	28.37 -1.08 0.00	33.55 -1.26 0.00	34.16 -1.48 1.79	37.85 -1.54 -0.17	35.58 -1.61 -0.17	36.49 -1.46 0.06	38.40 -0.86 0.00	43.26 -0.95 0.00	44.45 -1.21 0.00	43.03 -1.59 0.00	46.10 -1.87 0.00	58.76 -2.57 0.00	35.20 -1.58 0.00	31.29 -1.65 0.00	32.55 -1.44 0.00	28.92 -1.06 0.00	27.52 -0.74 0.00
BARRETT_IC_1 23704	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.39 2.96 0.00	89.79 3.42 -47.15	104.21 3.34 -63.85	106.60 3.45 -65.14	76.65 3.42 -33.97	99.71 3.63 -51.86	95.76 3.64 -46.46	99.49 3.51 -51.35	124.04 3.81 -72.25	82.65 4.89 -16.44	124.84 3.01 -85.04	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT_IC_10 23701	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.38 2.96 0.00	-27.68 3.42 70.32	67.12 3.34 -26.76	64.62 3.45 -23.16	54.21 3.42 -11.54	66.14 3.63 -18.30	65.68 3.64 -16.39	66.06 3.51 -17.93	78.45 3.81 -26.67	82.65 4.89 -16.44	-463.48 3.01 503.27	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT_IC_11 23702	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.38 2.96 0.00	-27.68 3.42 70.32	67.12 3.34 -26.76	64.62 3.45 -23.16	54.21 3.42 -11.54	66.14 3.63 -18.30	65.68 3.64 -16.39	66.06 3.51 -17.93	78.45 3.81 -26.67	82.65 4.89 -16.44	-463.48 3.01 503.27	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT_IC_12 23703	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.38 2.96 0.00	-27.68 3.42 70.32	67.12 3.34 -26.76	64.62 3.45 -23.16	54.21 3.42 -11.54	66.14 3.63 -18.30	65.68 3.64 -16.39	66.06 3.51 -17.93	78.45 3.81 -26.67	82.65 4.89 -16.44	-463.48 3.01 503.27	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT_IC_2 23705	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.39 2.96 0.00	89.79 3.42 -47.15	104.21 3.34 -63.85	106.60 3.45 -65.14	76.65 3.42 -33.97	99.71 3.63 -51.86	95.76 3.64 -46.46	99.49 3.51 -51.35	124.04 3.81 -72.25	82.65 4.89 -16.44	124.84 3.01 -85.04	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT_IC_3 23706	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.39 2.96 0.00	89.79 3.42 -47.15	104.21 3.34 -63.85	106.60 3.45 -65.14	76.65 3.42 -33.97	99.71 3.63 -51.86	95.76 3.64 -46.46	99.49 3.51 -51.35	124.04 3.81 -72.25	82.65 4.89 -16.44	124.84 3.01 -85.04	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT_IC_4 23707	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.39 2.96 0.00	89.79 3.42 -47.15	104.21 3.34 -63.85	106.60 3.45 -65.14	76.65 3.42 -33.97	99.71 3.63 -51.86	95.76 3.64 -46.46	99.49 3.51 -51.35	124.04 3.81 -72.25	82.65 4.89 -16.44	124.84 3.01 -85.04	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00

BARRETT_IC_5 23708	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.39 2.96 0.00	89.79 3.42 -47.15	104.21 3.34 -63.85	106.60 3.45 -65.14	76.65 3.42 -33.97	99.71 3.63 -51.86	95.76 3.64 -46.46	99.49 3.51 -51.35	124.04 3.81 -72.25	82.65 4.89 -16.44	124.84 3.01 -85.04	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT_IC_6 23709	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.39 2.96 0.00	89.79 3.42 -47.15	104.21 3.34 -63.85	106.60 3.45 -65.14	76.65 3.42 -33.97	99.71 3.63 -51.86	95.76 3.64 -46.46	99.49 3.51 -51.35	124.04 3.81 -72.25	82.65 4.89 -16.44	124.84 3.01 -85.04	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT_IC_7 23710	37.36 1.86 -2.12	26.33 1.31 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.73 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.38 2.95 0.00	89.79 3.42 -47.15	104.20 3.33 -63.85	106.60 3.45 -65.14	76.65 3.42 -33.97	99.71 3.63 -51.86	95.77 3.65 -46.46	99.49 3.52 -51.35	124.03 3.81 -72.25	82.66 4.89 -16.44	124.85 3.02 -85.04	35.54 2.60 0.00	36.55 2.56 0.00	33.22 2.36 -0.88	30.31 2.05 0.00
BARRETT_IC_8 23711	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.39 2.96 0.00	89.79 3.42 -47.15	104.21 3.34 -63.85	106.60 3.45 -65.14	76.65 3.42 -33.97	99.71 3.63 -51.86	95.76 3.64 -46.46	99.49 3.51 -51.35	124.04 3.81 -72.25	82.65 4.89 -16.44	124.84 3.01 -85.04	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT_IC_9 23700	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.38 2.96 0.00	-27.68 3.42 70.32	67.12 3.34 -26.76	64.62 3.45 -23.16	54.21 3.42 -11.54	66.14 3.63 -18.30	65.68 3.64 -16.39	66.06 3.51 -17.93	78.45 3.81 -26.67	82.65 4.89 -16.44	-463.48 3.01 503.27	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT___1 23545	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.39 2.96 0.00	89.79 3.42 -47.15	104.21 3.34 -63.85	106.60 3.45 -65.14	76.65 3.42 -33.97	99.71 3.63 -51.86	95.76 3.64 -46.46	99.49 3.51 -51.35	124.04 3.81 -72.25	82.65 4.89 -16.44	124.84 3.01 -85.04	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BARRETT___2 23546	37.36 1.85 -2.12	26.33 1.30 0.00	27.35 1.42 0.00	31.79 1.61 0.00	26.72 1.43 0.00	33.08 1.94 0.00	35.52 2.26 0.00	31.45 2.00 0.00	37.49 2.69 0.00	40.38 2.96 0.00	-27.68 3.42 70.32	67.12 3.34 -26.76	64.62 3.45 -23.16	54.21 3.42 -11.54	66.14 3.63 -18.30	65.68 3.64 -16.39	66.06 3.51 -17.93	78.45 3.81 -26.67	82.65 4.89 -16.44	-463.48 3.01 503.27	35.54 2.60 0.00	36.54 2.56 0.00	33.21 2.36 -0.88	30.31 2.06 0.00
BATAVIA__115KV_TB1 55881	32.97 -0.41 0.00	24.54 -0.48 0.00	25.44 -0.49 0.00	30.03 -0.14 0.00	25.07 -0.23 0.00	30.88 -0.26 0.00	32.79 -0.47 0.00	28.99 -0.46 0.00	34.20 -0.60 0.00	36.13 -0.54 0.75	38.58 -0.75 -0.11	35.71 -1.29 0.01	36.43 -1.55 0.04	38.03 -1.22 0.00	42.95 -1.27 0.00	44.08 -1.58 0.00	42.76 -1.86 0.00	46.10 -1.88 0.00	58.58 -2.74 0.00	35.12 -1.66 0.00	31.28 -1.66 0.00	32.80 -1.19 0.00	28.99 -0.98 0.00	27.72 -0.54 0.00
BAYONEEC___CTG1 323682	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.53 0.00	31.97 1.79 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.01 0.00	40.74 3.32 0.00	45.51 3.52 -2.77	40.57 3.47 -0.08	41.92 3.64 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.62 3.99 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.11 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.35 2.37 0.00	30.25 1.99 0.00
BAYONEEC___CTG10 323750	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.53 0.00	31.97 1.79 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.01 0.00	40.74 3.32 0.00	45.51 3.52 -2.77	40.57 3.47 -0.08	41.92 3.64 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.62 3.99 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.11 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.35 2.37 0.00	30.25 1.99 0.00
BAYONEEC___CTG2 323683	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.53 0.00	31.97 1.79 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.01 0.00	40.74 3.32 0.00	45.51 3.52 -2.77	40.57 3.47 -0.08	41.92 3.64 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.62 3.99 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.11 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.35 2.37 0.00	30.25 1.99 0.00
BAYONEEC___CTG3 323684	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.53 0.00	31.97 1.79 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.01 0.00	40.74 3.32 0.00	45.51 3.52 -2.77	40.57 3.47 -0.08	41.92 3.64 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.62 3.99 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.11 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.35 2.37 0.00	30.25 1.99 0.00
BAYONEEC___CTG4 323685	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.53 0.00	31.97 1.79 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.01 0.00	40.74 3.32 0.00	45.51 3.52 -2.77	40.57 3.47 -0.08	41.92 3.64 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.62 3.99 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.11 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.35 2.37 0.00	30.25 1.99 0.00
BAYONEEC___CTG5 323686	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.53 0.00	31.97 1.79 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.01 0.00	40.74 3.32 0.00	45.51 3.52 -2.77	40.57 3.47 -0.08	41.92 3.64 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.62 3.99 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.11 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.35 2.37 0.00	30.25 1.99 0.00
BAYONEEC___CTG6 323687	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.53 0.00	31.97 1.79 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.01 0.00	40.74 3.32 0.00	45.51 3.52 -2.77	40.57 3.47 -0.08	41.92 3.64 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.62 3.99 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.11 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.35 2.37 0.00	30.25 1.99 0.00

BAYONEEC___CTG7 323688	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.53 0.00	31.97 1.79 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.01 0.00	40.74 3.32 0.00	45.51 3.52 -2.77	40.57 3.47 -0.08	41.92 3.64 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.62 3.99 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.11 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.35 2.37 0.00	30.25 1.99 0.00
BAYONEEC___CTG8 323689	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.53 0.00	31.97 1.79 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.01 0.00	40.74 3.32 0.00	45.51 3.52 -2.77	40.57 3.47 -0.08	41.92 3.64 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.62 3.99 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.11 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.35 2.37 0.00	30.25 1.99 0.00
BAYONEEC___CTG9 323749	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.53 0.00	31.97 1.79 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.01 0.00	40.74 3.32 0.00	45.51 3.52 -2.77	40.57 3.47 -0.08	41.92 3.64 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.62 3.99 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.11 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.35 2.37 0.00	30.25 1.99 0.00
BEACON___LESR 323632	34.21 0.83 0.00	25.73 0.70 0.00	26.68 0.75 0.00	31.05 0.87 0.00	26.09 0.79 0.00	32.01 0.87 0.00	34.45 1.19 0.00	30.56 1.11 0.00	36.26 1.46 0.00	38.93 1.50 0.00	40.71 1.67 0.19	38.59 1.56 -0.02	39.72 1.63 -0.08	40.93 1.68 0.00	46.06 1.84 0.00	47.60 1.94 0.00	46.61 1.99 0.00	50.14 2.17 0.00	63.93 2.60 0.00	38.33 1.55 0.00	34.30 1.35 0.00	35.25 1.27 0.00	31.02 1.05 0.00	29.15 0.90 0.00
BEAVER RIVER___HYD 24048	33.95 0.57 0.00	25.18 0.16 0.00	25.92 -0.01 0.00	29.93 -0.24 0.00	24.78 -0.52 0.00	30.39 -0.75 0.00	32.09 -1.17 0.00	28.49 -0.96 0.00	33.63 -1.17 0.00	35.82 -1.33 0.28	37.88 -1.35 0.00	35.74 -1.28 0.00	36.45 -1.56 0.00	37.49 -1.76 0.00	42.24 -1.98 0.00	44.08 -1.57 0.00	43.43 -1.19 0.00	46.87 -1.10 0.00	60.24 -1.08 0.00	36.08 -0.70 0.00	32.54 -0.41 0.00	34.24 0.25 0.00	30.07 0.09 0.00	28.08 -0.17 0.00
BEEBEE_GT_13 23619	32.64 -0.75 0.00	24.34 -0.68 0.00	25.22 -0.71 0.00	29.65 -0.53 0.00	24.78 -0.52 0.00	30.53 -0.61 0.00	32.48 -0.78 0.00	28.71 -0.74 0.00	33.87 -0.93 0.00	35.93 -0.94 0.56	38.28 -1.04 -0.09	35.65 -1.37 0.00	36.48 -1.53 0.00	37.91 -1.35 0.00	42.78 -1.43 0.00	44.01 -1.65 0.00	42.75 -1.87 0.00	46.07 -1.91 0.00	58.67 -2.65 0.00	35.16 -1.62 0.00	31.37 -1.57 0.00	32.70 -1.29 0.00	28.87 -1.10 0.00	27.43 -0.82 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.76 2.37 0.00	26.72 1.69 0.00	27.66 1.73 0.00	32.20 2.03 0.00	27.11 1.81 0.00	33.48 2.34 0.00	36.16 2.89 0.00	32.14 2.69 0.00	38.17 3.37 0.00	41.12 3.70 0.00	45.88 3.89 -2.77	40.98 3.88 -0.08	42.35 4.06 -0.28	43.21 3.96 0.00	48.62 4.40 0.00	50.21 4.55 0.00	49.13 4.51 0.00	52.81 4.83 0.00	67.39 6.07 0.00	40.51 3.73 0.00	36.13 3.19 0.00	37.08 3.10 0.00	32.58 2.61 0.00	30.48 2.23 0.00
BETHLEHEM___GRP 23843	33.65 0.27 0.00	25.36 0.33 0.00	26.33 0.41 0.00	30.60 0.42 0.00	25.68 0.38 0.00	31.51 0.37 0.00	33.80 0.54 0.00	29.97 0.52 0.00	35.50 0.70 0.00	38.14 0.72 0.00	39.79 0.76 0.19	37.79 0.76 -0.02	38.88 0.79 -0.08	40.02 0.77 0.00	45.05 0.83 0.00	46.56 0.90 0.00	45.56 0.94 0.00	48.93 0.96 0.00	62.57 1.25 0.00	37.53 0.74 0.00	33.65 0.71 0.00	34.61 0.62 0.00	30.47 0.49 0.00	28.64 0.38 0.00
BETHLEHEM___GS1 323560	33.65 0.27 0.00	25.36 0.33 0.00	26.34 0.41 0.00	30.60 0.42 0.00	25.68 0.38 0.00	31.51 0.37 0.00	33.80 0.53 0.00	29.97 0.52 0.00	35.50 0.70 0.00	38.14 0.72 0.00	39.79 0.75 0.19	37.79 0.75 -0.02	38.88 0.79 -0.08	40.02 0.77 0.00	45.05 0.83 0.00	46.56 0.90 0.00	45.56 0.94 0.00	48.93 0.96 0.00	62.57 1.25 0.00	37.53 0.75 0.00	33.65 0.71 0.00	34.61 0.62 0.00	30.47 0.49 0.00	28.64 0.39 0.00
BETHLEHEM___GS2 323561	33.65 0.27 0.00	25.36 0.33 0.00	26.34 0.41 0.00	30.60 0.42 0.00	25.68 0.38 0.00	31.51 0.37 0.00	33.80 0.53 0.00	29.97 0.52 0.00	35.50 0.70 0.00	38.14 0.72 0.00	39.79 0.75 0.19	37.79 0.75 -0.02	38.88 0.79 -0.08	40.02 0.77 0.00	45.05 0.83 0.00	46.56 0.90 0.00	45.56 0.94 0.00	48.93 0.96 0.00	62.57 1.25 0.00	37.53 0.75 0.00	33.65 0.71 0.00	34.61 0.62 0.00	30.47 0.49 0.00	28.64 0.39 0.00
BETHLEHEM___GS3 323562	33.65 0.27 0.00	25.36 0.33 0.00	26.34 0.41 0.00	30.60 0.42 0.00	25.68 0.38 0.00	31.51 0.37 0.00	33.80 0.53 0.00	29.97 0.52 0.00	35.50 0.70 0.00	38.14 0.72 0.00	39.79 0.75 0.19	37.79 0.75 -0.02	38.88 0.79 -0.08	40.02 0.77 0.00	45.05 0.83 0.00	46.56 0.90 0.00	45.56 0.94 0.00	48.93 0.96 0.00	62.57 1.25 0.00	37.53 0.75 0.00	33.65 0.71 0.00	34.61 0.62 0.00	30.47 0.49 0.00	28.64 0.39 0.00
BETHLEHEM___STEEL 23779	32.60 -0.79 0.00	24.20 -0.83 0.00	25.07 -0.86 0.00	29.63 -0.55 0.00	24.70 -0.60 0.00	30.46 -0.68 0.00	32.27 -0.99 0.00	28.45 -1.00 0.00	33.52 -1.29 0.00	35.13 -1.32 0.98	37.84 -1.50 -0.12	34.97 -2.04 0.01	35.64 -2.33 0.04	37.31 -1.94 0.00	42.11 -2.11 0.00	43.23 -2.43 0.00	41.81 -2.81 0.00	45.09 -2.88 0.00	57.33 -4.00 0.00	34.45 -2.33 0.00	30.71 -2.23 0.00	32.31 -1.67 0.00	28.63 -1.35 0.00	27.42 -0.83 0.00
BETHLHEM_115KV_TB1 79974	33.73 0.35 0.00	25.41 0.38 0.00	26.38 0.45 0.00	30.66 0.48 0.00	25.73 0.43 0.00	31.59 0.45 0.00	33.88 0.61 0.00	30.04 0.59 0.00	35.58 0.78 0.00	38.24 0.81 0.00	39.89 0.85 0.19	37.89 0.85 -0.02	38.97 0.88 -0.08	40.11 0.86 0.00	45.16 0.94 0.00	46.67 1.01 0.00	45.67 1.05 0.00	49.03 1.06 0.00	62.71 1.39 0.00	37.62 0.84 0.00	33.72 0.78 0.00	34.70 0.71 0.00	30.54 0.57 0.00	28.71 0.46 0.00
BETHPAGE_CC_5 323564	35.41 2.06 0.04	26.50 1.47 0.00	27.53 1.60 0.00	31.99 1.81 0.00	26.92 1.62 0.00	33.37 2.23 0.00	35.85 2.59 0.00	31.76 2.31 0.00	37.86 3.06 0.00	40.79 3.36 0.00	52.23 3.97 -9.03	49.11 3.81 -8.28	50.51 3.97 -8.53	46.83 3.89 -3.69	55.03 4.21 -6.60	55.77 4.19 -5.91	55.34 4.16 -6.56	64.95 4.43 -12.55	85.91 5.68 -18.91	66.29 3.52 -25.99	35.90 2.96 0.00	36.91 2.93 0.00	33.73 2.74 -1.01	30.60 2.34 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.78 -0.61 0.00	24.33 -0.70 0.00	25.20 -0.73 0.00	29.78 -0.40 0.00	24.84 -0.46 0.00	30.65 -0.50 0.00	32.47 -0.79 0.00	28.64 -0.81 0.00	33.73 -1.07 0.00	35.36 -1.07 1.00	38.11 -1.24 -0.12	35.22 -1.78 0.01	35.91 -2.06 0.04	37.59 -1.66 0.00	42.43 -1.78 0.00	43.55 -2.11 0.00	42.13 -2.49 0.00	45.44 -2.53 0.00	57.75 -3.57 0.00	34.70 -2.09 0.00	30.92 -2.02 0.00	32.53 -1.46 0.00	28.81 -1.17 0.00	27.57 -0.68 0.00

BINGHAMTON___COGEN 23790	33.64 0.26 0.00	25.08 0.05 0.00	26.00 0.07 0.00	30.32 0.14 0.00	25.50 0.19 0.00	31.57 0.43 0.00	33.68 0.42 0.00	29.85 0.40 0.00	35.25 0.45 0.00	37.89 0.47 0.00	39.97 0.50 -0.24	37.52 0.53 0.03	38.53 0.61 0.09	40.01 0.76 0.00	44.96 0.74 0.00	46.33 0.67 0.00	45.14 0.52 0.00	48.53 0.55 0.00	61.93 0.61 0.00	37.12 0.34 0.00	33.12 0.18 0.00	34.13 0.14 0.00	30.15 0.17 0.00	28.47 0.22 0.00
BIXINCNT_115KV_LOAD 355685	33.13 -0.25 0.00	24.41 -0.61 0.00	25.26 -0.67 0.00	29.89 -0.28 0.00	25.08 -0.22 0.00	31.03 -0.12 0.00	33.01 -0.26 0.00	29.22 -0.23 0.00	34.38 -0.43 0.00	35.97 -0.37 1.09	38.90 -0.45 -0.13	36.12 -0.89 0.01	37.82 -1.08 -0.89	38.58 -0.67 0.00	43.34 -0.87 0.00	44.47 -1.19 0.00	43.11 -1.51 0.00	46.46 -1.51 0.00	58.83 -2.49 0.00	35.40 -1.38 0.00	31.66 -1.28 0.00	33.28 -0.71 0.00	29.47 -0.50 0.00	28.16 -0.10 0.00
BLACK RIVER___HYD 24047	34.12 0.74 0.00	25.27 0.24 0.00	26.12 0.19 0.00	30.31 0.12 0.00	25.14 -0.16 0.00	30.83 -0.31 0.00	32.49 -0.77 0.00	28.86 -0.59 0.00	34.07 -0.73 0.00	36.36 -0.87 0.20	38.40 -0.87 -0.05	36.16 -0.86 0.00	36.89 -1.12 0.00	37.56 -1.69 0.00	42.11 -2.11 0.00	44.17 -1.49 0.00	43.44 -1.17 0.00	46.95 -1.02 0.00	60.37 -0.95 0.00	36.12 -0.67 0.00	32.78 -0.16 0.00	34.29 0.30 0.00	30.10 0.13 0.00	28.08 -0.18 0.00
BLACKRVR_115KV_TB2 79977	34.13 0.74 0.00	25.27 0.24 0.00	26.12 0.19 0.00	30.30 0.12 0.00	25.14 -0.16 0.00	30.83 -0.31 0.00	32.49 -0.77 0.00	28.85 -0.59 0.00	34.07 -0.73 0.00	36.36 -0.87 0.20	38.40 -0.87 -0.05	36.16 -0.86 0.00	36.89 -1.12 0.00	37.56 -1.69 0.00	42.11 -2.11 0.00	44.17 -1.49 0.00	43.44 -1.17 0.00	46.96 -1.02 0.00	60.37 -0.95 0.00	36.11 -0.67 0.00	32.78 -0.16 0.00	34.29 0.30 0.00	30.10 0.13 0.00	28.08 -0.17 0.00
BLISS_WT_PWR 323608	33.03 -0.36 0.00	24.28 -0.74 0.00	25.12 -0.81 0.00	29.73 -0.45 0.00	24.97 -0.33 0.00	30.93 -0.22 0.00	32.93 -0.33 0.00	29.18 -0.27 0.00	34.32 -0.48 0.00	35.93 -0.40 1.09	38.88 -0.48 -0.13	36.09 -0.92 0.01	37.79 -1.11 -0.89	38.53 -0.73 0.00	43.23 -0.99 0.00	44.38 -1.28 0.00	43.06 -1.56 0.00	46.38 -1.59 0.00	58.69 -2.63 0.00	35.34 -1.44 0.00	31.66 -1.28 0.00	33.30 -0.68 0.00	29.48 -0.49 0.00	28.18 -0.08 0.00
BLUESTONE___WT_PWR 323821	33.85 0.46 0.00	25.27 0.24 0.00	26.07 0.14 0.00	30.02 -0.16 0.00	25.86 0.56 0.00	33.20 2.05 0.00	37.54 4.28 0.00	32.70 3.25 0.00	38.69 3.89 0.00	42.22 3.17 -1.63	43.44 3.32 -0.90	40.85 3.92 0.08	44.33 6.61 0.29	46.41 7.15 0.00	52.26 8.04 0.00	53.73 8.07 0.00	49.37 4.75 0.00	52.83 4.86 0.00	67.79 6.47 0.00	40.48 3.70 0.00	36.21 3.27 0.00	37.04 3.05 0.00	32.51 2.53 0.00	30.64 2.39 0.00
BLUE_CIRC_CHEM_DRP 24182	34.09 0.70 0.00	25.64 0.62 0.00	26.62 0.69 0.00	30.98 0.80 0.00	25.98 0.68 0.00	31.93 0.79 0.00	34.20 0.93 0.00	30.30 0.85 0.00	35.85 1.06 0.00	38.54 1.11 0.00	40.28 1.15 0.10	38.13 1.10 -0.02	39.20 1.11 -0.08	40.36 1.11 0.00	45.46 1.25 0.00	47.01 1.35 0.00	46.01 1.39 0.00	49.40 1.43 0.00	63.19 1.87 0.00	37.90 1.11 0.00	33.98 1.04 0.00	34.98 0.99 0.00	30.82 0.84 0.00	28.99 0.74 0.00
BOC_GAS_DRP 24189	33.93 0.55 0.00	25.51 0.48 0.00	26.47 0.54 0.00	30.80 0.63 0.00	25.83 0.54 0.00	31.78 0.63 0.00	34.04 0.78 0.00	30.18 0.73 0.00	35.74 0.94 0.00	38.42 1.00 0.00	40.11 1.07 0.18	38.10 1.06 -0.02	39.18 1.10 -0.07	40.32 1.07 0.00	45.39 1.18 0.00	46.90 1.24 0.00	45.87 1.25 0.00	49.27 1.30 0.00	63.00 1.68 0.00	37.81 1.03 0.00	33.88 0.94 0.00	34.87 0.89 0.00	30.72 0.75 0.00	28.90 0.64 0.00
BOONVILLE_115KV_TB1 79983	34.17 0.79 0.00	25.50 0.47 0.00	26.36 0.43 0.00	30.60 0.42 0.00	25.54 0.25 0.00	31.46 0.32 0.00	33.43 0.17 0.00	29.63 0.18 0.00	35.01 0.21 0.00	37.53 0.20 0.10	39.42 0.20 0.00	37.19 0.17 0.00	38.05 0.04 0.00	39.24 -0.01 0.00	44.24 0.03 0.00	45.90 0.24 0.00	45.05 0.43 0.00	48.47 0.50 0.00	62.13 0.81 0.00	37.24 0.45 0.00	33.41 0.47 0.00	34.82 0.83 0.00	30.57 0.59 0.00	28.65 0.40 0.00
BORALEX_4TH_BRANCH 23824	35.35 1.97 0.00	26.59 1.56 0.00	27.57 1.65 0.00	32.22 2.04 0.00	26.99 1.69 0.00	33.22 2.08 0.00	35.60 2.34 0.00	31.60 2.15 0.00	37.40 2.60 0.00	40.12 2.69 0.00	41.65 2.67 0.24	39.50 2.46 -0.03	40.63 2.53 -0.09	41.84 2.59 0.00	47.12 2.90 0.00	48.78 3.12 0.00	47.61 2.99 0.00	51.16 3.19 0.00	65.45 4.12 0.00	39.25 2.46 0.00	35.34 2.40 0.00	36.35 2.36 0.00	32.01 2.03 0.00	30.07 1.82 0.00
BOWLINE___1 23526	35.15 1.77 0.00	26.30 1.27 0.00	27.24 1.31 0.00	31.74 1.56 0.00	26.71 1.41 0.00	33.00 1.86 0.00	35.56 2.30 0.00	31.59 2.14 0.00	37.44 2.64 0.00	40.28 2.85 0.00	44.90 3.03 -2.65	40.09 2.97 -0.10	41.48 3.13 -0.34	42.26 3.01 0.00	47.53 3.31 0.00	49.09 3.43 0.00	48.08 3.46 0.00	51.71 3.74 0.00	65.97 4.65 0.00	39.63 2.85 0.00	35.38 2.44 0.00	36.31 2.32 0.00	31.94 1.97 0.00	29.92 1.67 0.00
BOWLINE___2 23595	35.15 1.77 0.00	26.30 1.27 0.00	27.24 1.31 0.00	31.74 1.56 0.00	26.71 1.42 0.00	33.00 1.86 0.00	35.56 2.30 0.00	31.59 2.14 0.00	37.44 2.64 0.00	40.28 2.85 0.00	44.90 3.03 -2.65	40.09 2.97 -0.10	41.48 3.13 -0.34	42.26 3.01 0.00	47.53 3.31 0.00	49.09 3.43 0.00	48.08 3.46 0.00	51.71 3.74 0.00	65.98 4.66 0.00	39.63 2.85 0.00	35.38 2.44 0.00	36.31 2.32 0.00	31.94 1.97 0.00	29.92 1.67 0.00
BRADY___115KV_TB2 356060	33.77 0.38 0.00	25.23 0.20 0.00	25.41 -0.51 0.00	28.67 -1.51 0.00	23.66 -1.64 0.00	29.04 -2.11 0.00	30.78 -2.48 0.00	27.43 -2.02 0.00	32.20 -2.60 0.00	33.62 -2.97 0.84	36.38 -2.84 0.00	34.30 -2.71 0.00	35.19 -2.82 0.00	37.14 -2.11 0.00	42.30 -1.92 0.00	43.65 -2.01 0.00	43.27 -1.35 0.00	46.91 -1.06 0.00	60.23 -1.10 0.00	36.18 -0.60 0.00	32.35 -0.59 0.00	34.06 0.07 0.00	30.16 0.18 0.00	28.36 0.10 0.00
BRANSCOMB___SOLAR 323811	35.13 1.74 0.00	26.41 1.38 0.00	27.40 1.48 0.00	31.95 1.77 0.00	26.73 1.43 0.00	32.85 1.71 0.00	35.20 1.94 0.00	31.23 1.78 0.00	36.91 2.10 0.00	39.67 2.25 0.00	41.21 2.18 0.19	38.98 1.94 -0.02	40.07 1.99 -0.07	41.22 1.97 0.00	46.41 2.19 0.00	48.13 2.47 0.00	47.15 2.53 0.00	50.65 2.67 0.00	64.76 3.44 0.00	38.78 1.99 0.00	34.69 1.75 0.00	35.74 1.75 0.00	31.50 1.53 0.00	29.58 1.33 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.34 2.17 0.22	26.58 1.55 0.00	27.67 1.74 0.00	32.12 1.94 0.00	27.04 1.74 0.00	33.54 2.40 0.00	35.97 2.71 0.00	31.84 2.39 0.00	38.00 3.20 0.00	40.92 3.50 0.00	48.90 4.26 -5.41	44.66 4.02 -3.63	46.06 4.18 -3.87	44.56 4.06 -1.25	51.54 4.46 -2.87	52.72 4.49 -2.57	51.94 4.48 -2.85	59.82 4.73 -7.11	83.61 5.82 -16.47	55.28 3.69 -14.81	36.01 3.07 0.00	37.04 3.06 0.00	33.81 2.96 -0.88	30.81 2.55 0.00



BRISTLHL_115KV_TB1 79998	32.86 -0.53 0.00	24.59 -0.44 0.00	25.49 -0.44 0.00	29.71 -0.47 0.00	24.95 -0.35 0.00	30.73 -0.41 0.00	32.76 -0.50 0.00	28.98 -0.47 0.00	34.20 -0.60 0.00	36.78 -0.62 0.02	38.64 -0.65 -0.07	36.34 -0.68 0.00	37.26 -0.76 0.00	38.45 -0.80 0.00	43.28 -0.94 0.00	44.62 -1.04 0.00	43.54 -1.07 0.00	46.86 -1.11 0.00	59.83 -1.50 0.00	35.87 -0.91 0.00	32.13 -0.81 0.00	33.16 -0.83 0.00	29.25 -0.73 0.00	27.63 -0.62 0.00
BROOKHAVEN___DRP 24191	34.83 1.68 0.24	26.25 1.23 0.00	27.41 1.48 0.00	31.76 1.58 0.00	26.74 1.44 0.00	33.19 2.05 0.00	35.43 2.17 0.00	31.37 1.92 0.00	37.51 2.71 0.00	40.43 3.00 0.00	48.15 3.98 -4.95	43.88 3.76 -3.10	45.30 3.95 -3.33	44.12 3.90 -0.97	51.05 4.40 -2.44	52.33 4.48 -2.19	45.51 4.47 3.58	27.13 4.70 25.54	39.54 5.65 27.42	53.68 3.60 -13.30	35.73 2.79 0.00	35.72 2.76 1.02	33.62 2.78 -0.87	30.62 2.36 0.00
BROOKLYN_NAVY_YARD 23515	35.36 1.97 0.00	26.47 1.44 0.00	27.40 1.47 0.00	31.91 1.73 0.00	26.88 1.58 0.00	33.18 2.04 0.00	35.72 2.46 0.00	31.76 2.31 0.00	37.71 2.90 0.00	40.64 3.21 0.00	48.89 3.41 -6.25	40.48 3.38 -0.08	41.84 3.56 -0.28	42.67 3.42 0.00	47.98 3.76 0.00	49.55 3.89 0.00	48.51 3.89 0.00	52.17 4.20 0.00	66.56 5.24 0.00	54.89 3.23 -14.87	35.73 2.79 0.00	36.74 2.75 0.00	32.29 2.32 0.00	30.17 1.92 0.00
BROOKLYN___ARMY_DRP 323595	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00
BROOKVLE_69_KV_TB1 55790	35.77 2.19 -0.19	26.61 1.59 0.00	27.59 1.66 0.00	32.11 1.93 0.00	27.02 1.72 0.00	33.45 2.31 0.00	36.00 2.74 0.00	31.94 2.49 0.00	37.99 3.19 0.00	40.94 3.51 0.00	59.86 3.92 -16.72	56.23 3.80 -15.42	57.71 3.97 -15.73	50.55 3.89 -7.41	60.83 4.26 -12.35	61.06 4.34 -11.06	61.19 4.29 -12.28	74.24 4.59 -21.68	93.62 5.83 -26.46	100.91 3.59 -60.54	36.00 3.05 0.00	36.98 3.00 0.00	34.07 2.67 -1.42	30.55 2.28 0.00
BROOME_2_LFGE 323671	33.65 0.26 0.00	25.08 0.05 0.00	26.00 0.07 0.00	30.32 0.14 0.00	25.49 0.19 0.00	31.57 0.43 0.00	33.68 0.42 0.00	29.85 0.40 0.00	35.25 0.45 0.00	37.89 0.46 0.00	39.96 0.50 -0.24	37.52 0.53 0.03	38.53 0.61 0.09	40.01 0.76 0.00	44.96 0.74 0.00	46.33 0.67 0.00	45.14 0.52 0.00	48.53 0.55 0.00	61.93 0.61 0.00	37.12 0.34 0.00	33.12 0.18 0.00	34.13 0.14 0.00	30.15 0.18 0.00	28.47 0.22 0.00
BROOME___LFGE 323600	33.65 0.26 0.00	25.08 0.05 0.00	26.00 0.07 0.00	30.32 0.14 0.00	25.49 0.19 0.00	31.57 0.43 0.00	33.68 0.42 0.00	29.85 0.40 0.00	35.25 0.45 0.00	37.89 0.46 0.00	39.96 0.50 -0.24	37.52 0.53 0.03	38.53 0.61 0.09	40.01 0.76 0.00	44.96 0.74 0.00	46.33 0.67 0.00	45.14 0.52 0.00	48.53 0.55 0.00	61.93 0.61 0.00	37.12 0.34 0.00	33.12 0.18 0.00	34.13 0.14 0.00	30.15 0.18 0.00	28.47 0.22 0.00
BROWNFLS_115KV_TB_3_5 80003	33.80 0.41 0.00	25.07 0.04 0.00	25.57 -0.36 0.00	29.25 -0.93 0.00	24.18 -1.12 0.00	29.64 -1.50 0.00	31.33 -1.93 0.00	27.87 -1.58 0.00	32.83 -1.97 0.00	34.69 -2.24 0.50	37.01 -2.22 0.00	34.94 -2.08 0.00	35.70 -2.31 0.00	37.13 -2.13 0.00	41.99 -2.23 0.00	43.66 -2.00 0.00	43.07 -1.55 0.00	46.57 -1.41 0.00	59.84 -1.49 0.00	35.90 -0.89 0.00	32.23 -0.71 0.00	33.94 -0.05 0.00	29.88 -0.09 0.00	28.00 -0.25 0.00
BROWNSV1_27_KV_LOAD 356125	35.73 2.34 0.00	26.72 1.69 0.00	27.66 1.73 0.00	32.22 2.04 0.00	27.13 1.83 0.00	33.51 2.37 0.00	36.13 2.87 0.00	32.13 2.68 0.00	38.16 3.36 0.00	41.12 3.70 0.00	45.93 3.94 -2.77	40.97 3.87 -0.08	42.34 4.05 -0.28	43.19 3.94 0.00	48.59 4.37 0.00	50.18 4.52 0.00	49.13 4.50 0.00	52.82 4.84 0.00	67.37 6.04 0.00	40.51 3.72 0.00	36.16 3.22 0.00	37.15 3.16 0.00	32.66 2.69 0.00	30.52 2.27 0.00
BURROWS___LYONSDAL 23803	34.12 0.73 0.00	25.41 0.39 0.00	26.26 0.33 0.00	30.44 0.26 0.00	25.35 0.05 0.00	31.18 0.03 0.00	33.08 -0.18 0.00	29.33 -0.12 0.00	34.65 -0.15 0.00	37.10 -0.20 0.13	39.02 -0.21 0.00	36.81 -0.20 0.00	37.62 -0.39 0.00	38.78 -0.47 0.00	43.71 -0.51 0.00	45.41 -0.25 0.00	44.62 0.00 0.00	48.04 0.06 0.00	61.62 0.30 0.00	36.92 0.14 0.00	33.17 0.23 0.00	34.69 0.70 0.00	30.46 0.49 0.00	28.52 0.26 0.00
CAITHNESS_CC_1 323624	34.85 1.70 0.24	26.27 1.25 0.00	27.40 1.47 0.00	31.76 1.58 0.00	26.73 1.43 0.00	33.17 2.03 0.00	35.43 2.17 0.00	31.38 1.93 0.00	37.49 2.69 0.00	40.40 2.98 0.00	48.03 3.87 -4.94	43.79 3.68 -3.09	45.18 3.85 -3.32	43.99 3.77 -0.96	50.87 4.22 -2.43	52.11 4.28 -2.18	45.30 4.28 3.59	26.91 4.50 25.56	39.35 5.46 27.44	53.50 3.45 -13.27	35.67 2.73 0.00	35.67 2.70 1.02	33.57 2.72 -0.87	30.58 2.32 0.00
CALPINE BETH_PAGE_GT4 24209	35.50 2.07 -0.05	26.50 1.47 0.00	27.52 1.60 0.00	31.99 1.82 0.00	26.92 1.62 0.00	33.37 2.23 0.00	35.85 2.59 0.00	31.77 2.32 0.00	37.85 3.05 0.00	40.78 3.35 0.00	53.81 3.95 -10.64	50.78 3.78 -9.98	52.13 3.96 -10.16	47.66 3.87 -4.54	56.31 4.19 -7.90	56.93 4.20 -7.08	56.62 4.15 -7.85	67.34 4.42 -14.94	87.12 5.67 -20.13	72.34 3.53 -32.03	35.90 2.96 0.00	36.91 2.92 0.00	33.78 2.72 -1.08	30.58 2.33 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.50 2.07 -0.05	26.50 1.47 0.00	27.52 1.60 0.00	31.99 1.82 0.00	26.92 1.62 0.00	33.37 2.23 0.00	35.85 2.59 0.00	31.77 2.32 0.00	37.85 3.05 0.00	40.78 3.36 0.00	53.81 3.94 -10.64	50.79 3.79 -9.98	52.12 3.95 -10.16	47.66 3.87 -4.54	56.30 4.19 -7.90	56.92 4.18 -7.08	56.62 4.15 -7.85	67.33 4.42 -14.94	87.12 5.67 -20.13	72.32 3.51 -32.03	35.90 2.96 0.00	36.91 2.92 0.00	33.78 2.72 -1.08	30.59 2.33 0.00
CALPINE_BP_GT1 23823	35.50 2.07 -0.05	26.50 1.47 0.00	27.52 1.60 0.00	31.99 1.82 0.00	26.92 1.62 0.00	33.37 2.23 0.00	35.85 2.59 0.00	31.77 2.32 0.00	37.85 3.05 0.00	40.78 3.36 0.00	53.81 3.94 -10.64	50.79 3.79 -9.98	52.12 3.95 -10.16	47.66 3.87 -4.54	56.30 4.19 -7.90	56.92 4.18 -7.08	56.62 4.15 -7.85	67.33 4.42 -14.94	87.12 5.67 -20.13	72.32 3.51 -32.03	35.90 2.96 0.00	36.91 2.92 0.00	33.78 2.72 -1.08	30.59 2.33 0.00
CALSPAN___DRP 24200	32.60 -0.79 0.00	24.20 -0.83 0.00	25.07 -0.86 0.00	29.63 -0.55 0.00	24.70 -0.60 0.00	30.46 -0.68 0.00	32.27 -0.99 0.00	28.45 -1.00 0.00	33.52 -1.29 0.00	35.13 -1.32 0.98	37.84 -1.50 -0.12	34.97 -2.04 0.01	35.64 -2.33 0.04	37.31 -1.94 0.00	42.11 -2.11 0.00	43.23 -2.43 0.00	41.81 -2.81 0.00	45.09 -2.88 0.00	57.33 -4.00 0.00	34.45 -2.33 0.00	30.71 -2.23 0.00	32.31 -1.67 0.00	28.63 -1.35 0.00	27.42 -0.83 0.00

CALVERTON___SOLAR 323806	34.81 1.66 0.24	26.24 1.21 0.00	27.40 1.47 0.00	31.76 1.58 0.00	26.74 1.44 0.00	33.21 2.06 0.00	35.42 2.16 0.00	31.38 1.93 0.00	37.52 2.72 0.00	40.45 3.03 0.00	48.23 4.05 -4.95	43.97 3.85 -3.11	45.39 4.05 -3.34	44.24 4.01 -0.97	51.25 4.58 -2.45	52.54 4.69 -2.19	46.02 4.67 3.27	28.97 4.92 23.92	41.95 5.86 25.22	53.80 3.70 -13.31	35.80 2.86 0.00	35.86 2.84 0.97	33.70 2.86 -0.87	30.69 2.44 0.00
CANDIGU_WT_PWR 323617	31.96 -1.43 0.00	23.59 -1.44 0.00	24.45 -1.49 0.00	28.71 -1.46 0.00	24.13 -1.17 0.00	30.02 -1.12 0.00	32.04 -1.22 0.00	28.37 -1.08 0.00	33.55 -1.26 0.00	34.16 -1.48 1.79	37.85 -1.54 -0.17	35.58 -1.61 -0.17	36.49 -1.46 0.06	38.40 -0.86 0.00	43.26 -0.95 0.00	44.45 -1.21 0.00	43.03 -1.59 0.00	46.10 -1.87 0.00	58.76 -2.57 0.00	35.20 -1.58 0.00	31.29 -1.65 0.00	32.55 -1.44 0.00	28.92 -1.06 0.00	27.52 -0.74 0.00
CARR STREET_E_SYR 24060	33.07 -0.32 0.00	24.75 -0.28 0.00	25.65 -0.28 0.00	29.91 -0.27 0.00	25.11 -0.19 0.00	30.95 -0.19 0.00	33.02 -0.24 0.00	29.21 -0.24 0.00	34.49 -0.31 0.00	37.09 -0.32 0.02	38.96 -0.34 -0.08	36.64 -0.38 0.00	37.60 -0.41 0.00	38.83 -0.42 0.00	43.69 -0.53 0.00	45.02 -0.64 0.00	43.86 -0.75 0.00	47.17 -0.80 0.00	60.23 -1.10 0.00	36.12 -0.66 0.00	32.40 -0.54 0.00	33.45 -0.54 0.00	29.51 -0.47 0.00	27.87 -0.38 0.00
CARTHAGE___PAPER 23857	34.23 0.84 0.00	25.36 0.34 0.00	26.15 0.22 0.00	30.25 0.07 0.00	25.07 -0.23 0.00	30.76 -0.38 0.00	32.45 -0.81 0.00	28.82 -0.63 0.00	34.01 -0.79 0.00	36.28 -0.92 0.23	38.32 -0.91 0.00	36.13 -0.89 0.00	36.81 -1.20 0.00	37.71 -1.54 0.00	42.46 -1.76 0.00	44.39 -1.27 0.00	43.77 -0.85 0.00	47.28 -0.69 0.00	60.78 -0.54 0.00	36.37 -0.41 0.00	32.89 -0.05 0.00	34.51 0.52 0.00	30.30 0.33 0.00	28.28 0.02 0.00
CASSADAGA_WT_PWR 323784	33.17 -0.21 0.00	24.59 -0.44 0.00	25.38 -0.55 0.00	29.74 -0.44 0.00	24.56 -0.74 0.00	30.37 -0.77 0.00	32.53 -0.73 0.00	28.64 -0.81 0.00	33.65 -1.15 0.00	35.11 -1.23 1.09	37.83 -1.52 -0.13	34.94 -2.07 0.01	23.85 -2.44 11.73	37.12 -2.13 0.00	41.97 -2.25 0.00	43.29 -2.37 0.00	41.66 -2.96 0.00	44.94 -3.03 0.00	57.25 -4.07 0.00	34.49 -2.30 0.00	30.93 -2.01 0.00	32.60 -1.39 0.00	28.92 -1.06 0.00	27.83 -0.42 0.00
CE_DUNWOOD___DRP 24194	35.26 1.87 0.00	26.39 1.36 0.00	27.34 1.41 0.00	31.85 1.67 0.00	26.80 1.50 0.00	33.10 1.95 0.00	35.66 2.39 0.00	31.68 2.23 0.00	37.58 2.78 0.00	40.47 3.04 0.00	45.17 3.22 -2.73	40.26 3.16 -0.08	41.60 3.30 -0.28	42.44 3.19 0.00	47.74 3.53 0.00	49.31 3.66 0.00	48.31 3.69 0.00	51.92 3.95 0.00	66.27 4.95 0.00	39.82 3.04 0.00	35.55 2.61 0.00	36.51 2.52 0.00	32.13 2.16 0.00	30.08 1.82 0.00
CE_MILLWOOD___DRP 24193	35.20 1.81 0.00	26.35 1.32 0.00	27.30 1.37 0.00	31.80 1.62 0.00	26.76 1.46 0.00	33.04 1.90 0.00	35.60 2.34 0.00	31.62 2.17 0.00	37.50 2.70 0.00	40.37 2.95 0.00	45.02 3.12 -2.68	40.15 3.05 -0.09	41.51 3.21 -0.29	42.35 3.10 0.00	47.63 3.41 0.00	49.21 3.55 0.00	48.18 3.56 0.00	51.82 3.85 0.00	66.13 4.81 0.00	39.73 2.95 0.00	35.49 2.54 0.00	36.43 2.45 0.00	32.06 2.08 0.00	30.01 1.76 0.00
CE_NYC2_DRP 24202	35.47 2.08 0.00	26.52 1.50 0.00	27.46 1.53 0.00	31.99 1.82 0.00	26.93 1.63 0.00	33.23 2.09 0.00	35.82 2.56 0.00	31.85 2.40 0.00	37.83 3.04 0.00	40.78 3.36 0.00	45.51 3.52 -2.77	40.61 3.51 -0.08	41.95 3.66 -0.28	42.79 3.54 0.00	48.13 3.92 0.00	49.69 4.03 0.00	48.64 4.02 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.14 3.36 0.00	35.86 2.91 0.00	36.82 2.83 0.00	32.38 2.40 0.00	30.29 2.03 0.00
CE_NYC_DRP 24195	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.96 1.79 0.00	26.91 1.61 0.00	33.24 2.10 0.00	35.82 2.56 0.00	31.85 2.40 0.00	37.83 3.03 0.00	40.77 3.34 0.00	45.54 3.55 -2.77	40.61 3.51 -0.08	41.96 3.67 -0.28	42.80 3.55 0.00	48.14 3.92 0.00	49.72 4.06 0.00	48.66 4.04 0.00	52.32 4.34 0.00	66.74 5.41 0.00	40.11 3.33 0.00	35.82 2.88 0.00	36.81 2.82 0.00	32.37 2.40 0.00	30.26 2.01 0.00
CHAFFEE___LFGE 323603	32.87 -0.51 0.00	24.39 -0.63 0.00	25.27 -0.65 0.00	29.86 -0.31 0.00	24.91 -0.39 0.00	30.74 -0.41 0.00	32.60 -0.67 0.00	28.75 -0.70 0.00	33.86 -0.94 0.00	35.46 -0.93 1.04	38.25 -1.10 -0.13	35.37 -1.63 0.01	36.41 -1.94 -0.34	37.70 -1.56 0.00	42.58 -1.64 0.00	43.70 -1.96 0.00	42.29 -2.33 0.00	45.57 -2.41 0.00	57.94 -3.39 0.00	34.82 -1.96 0.00	31.01 -1.93 0.00	32.61 -1.38 0.00	28.89 -1.08 0.00	27.63 -0.63 0.00
CHATEAUG_35_KV_LOAD 355732	32.97 -0.42 0.00	24.68 -0.35 0.00	24.68 -1.25 0.00	27.67 -2.51 0.00	22.74 -2.56 0.00	27.91 -3.24 0.00	29.59 -3.67 0.00	26.37 -3.08 0.00	30.94 -3.87 0.00	32.21 -4.31 0.90	34.96 -4.26 0.00	32.96 -4.06 0.00	34.10 -3.91 0.00	36.34 -2.91 0.00	41.62 -2.60 0.00	43.24 -2.42 0.00	42.70 -1.92 0.00	46.12 -1.85 0.00	59.32 -2.01 0.00	35.74 -1.05 0.00	31.86 -1.08 0.00	33.67 -0.32 0.00	29.89 -0.08 0.00	28.12 -0.13 0.00
CHATEAUG_WT_PWR 323614	32.98 -0.40 0.00	24.65 -0.38 0.00	24.69 -1.24 0.00	27.65 -2.53 0.00	22.75 -2.55 0.00	27.90 -3.25 0.00	29.56 -3.71 0.00	26.35 -3.10 0.00	30.90 -3.90 0.00	32.11 -4.39 0.92	34.90 -4.33 0.00	32.91 -4.11 0.00	34.10 -3.91 0.00	36.42 -2.83 0.00	41.79 -2.43 0.00	43.38 -2.28 0.00	42.79 -1.83 0.00	46.22 -1.75 0.00	59.43 -1.90 0.00	35.81 -0.98 0.00	31.91 -1.04 0.00	33.72 -0.27 0.00	29.94 -0.03 0.00	28.18 -0.07 0.00
CHAT_HIGH_FALL_HYD 323578	32.97 -0.42 0.00	24.68 -0.35 0.00	24.68 -1.25 0.00	27.67 -2.51 0.00	22.74 -2.56 0.00	27.91 -3.24 0.00	29.59 -3.67 0.00	26.37 -3.08 0.00	30.94 -3.87 0.00	32.21 -4.31 0.90	34.96 -4.26 0.00	32.96 -4.06 0.00	34.10 -3.91 0.00	36.34 -2.91 0.00	41.62 -2.60 0.00	43.24 -2.42 0.00	42.70 -1.92 0.00	46.12 -1.85 0.00	59.32 -2.01 0.00	35.74 -1.05 0.00	31.86 -1.08 0.00	33.67 -0.32 0.00	29.89 -0.08 0.00	28.12 -0.13 0.00
CHAUTAUQUA___LFGE 323629	32.82 -0.57 0.00	24.35 -0.67 0.00	25.18 -0.75 0.00	29.59 -0.59 0.00	24.57 -0.73 0.00	30.32 -0.82 0.00	32.30 -0.96 0.00	28.49 -0.96 0.00	33.52 -1.29 0.00	35.07 -1.32 1.04	37.80 -1.55 -0.12	34.90 -2.10 0.01	31.54 -2.47 4.00	37.13 -2.13 0.00	41.94 -2.28 0.00	43.13 -2.53 0.00	41.67 -2.95 0.00	44.92 -3.05 0.00	57.18 -4.14 0.00	34.42 -2.37 0.00	30.78 -2.16 0.00	32.41 -1.57 0.00	28.73 -1.24 0.00	27.59 -0.67 0.00
CHERRYST_13_KV_LD 356241	35.54 2.15 0.00	26.58 1.55 0.00	27.53 1.60 0.00	32.05 1.87 0.00	26.99 1.69 0.00	33.33 2.19 0.00	35.93 2.67 0.00	31.95 2.50 0.00	37.94 3.14 0.00	40.91 3.48 0.00	45.68 3.69 -2.77	40.74 3.65 -0.08	42.10 3.81 -0.28	42.94 3.68 0.00	48.30 4.08 0.00	49.87 4.21 0.00	48.84 4.21 0.00	52.49 4.51 0.00	66.93 5.61 0.00	40.24 3.46 0.00	35.92 2.98 0.00	36.91 2.92 0.00	32.46 2.49 0.00	30.34 2.09 0.00

CHESTROR_138KV_BK263 355645	35.05 1.67 0.00	26.23 1.20 0.00	27.18 1.25 0.00	31.66 1.48 0.00	26.63 1.33 0.00	32.90 1.76 0.00	35.43 2.17 0.00	31.48 2.03 0.00	37.30 2.50 0.00	40.14 2.71 0.00	44.59 2.85 -2.52	40.10 2.79 -0.29	41.94 2.94 -0.99	42.09 2.84 0.00	47.35 3.13 0.00	48.90 3.24 0.00	47.87 3.25 0.00	51.50 3.52 0.00	65.72 4.40 0.00	39.46 2.67 0.00	35.25 2.31 0.00	36.18 2.19 0.00	31.83 1.86 0.00	29.84 1.59 0.00
CH_MIDHUDSON___DRP 24192	35.06 1.67 0.00	26.27 1.25 0.00	27.23 1.30 0.00	31.71 1.53 0.00	26.66 1.36 0.00	32.91 1.77 0.00	35.43 2.17 0.00	31.49 2.04 0.00	37.35 2.55 0.00	40.22 2.80 0.00	43.09 2.97 -0.91	39.95 2.87 -0.07	41.26 3.03 -0.22	42.21 2.95 0.00	47.50 3.28 0.00	49.08 3.42 0.00	48.08 3.46 0.00	51.71 3.74 0.00	66.07 4.75 0.00	39.68 2.90 0.00	35.45 2.50 0.00	36.39 2.41 0.00	32.02 2.05 0.00	30.01 1.76 0.00
CH_MISC_IPPS 23765	35.35 1.96 0.00	26.47 1.45 0.00	27.42 1.49 0.00	31.94 1.77 0.00	26.87 1.57 0.00	33.20 2.06 0.00	35.76 2.50 0.00	31.80 2.35 0.00	37.73 2.93 0.00	40.62 3.19 0.00	44.29 3.39 -1.67	40.40 3.30 -0.08	41.73 3.46 -0.26	42.64 3.39 0.00	47.98 3.76 0.00	49.58 3.92 0.00	48.55 3.93 0.00	52.23 4.25 0.00	66.68 5.36 0.00	40.03 3.25 0.00	35.74 2.80 0.00	36.68 2.70 0.00	32.27 2.29 0.00	30.22 1.97 0.00
CH_RES_BVR_FALLS 23983	33.18 -0.21 0.00	24.83 -0.20 0.00	25.38 -0.55 0.00	29.07 -1.11 0.00	24.15 -1.15 0.00	29.62 -1.52 0.00	31.48 -1.78 0.00	27.92 -1.53 0.00	32.91 -1.89 0.00	34.27 -2.09 1.07	37.14 -2.09 0.00	35.10 -1.91 0.00	36.09 -1.92 0.00	37.61 -1.65 0.00	42.66 -1.56 0.00	44.10 -1.56 0.00	43.25 -1.36 0.00	46.69 -1.29 0.00	59.93 -1.39 0.00	35.99 -0.79 0.00	32.25 -0.69 0.00	33.66 -0.33 0.00	29.77 -0.20 0.00	28.02 -0.24 0.00
CH_RES_NIAGARA 23895	31.48 -1.91 0.00	23.42 -1.61 0.00	24.29 -1.64 0.00	28.76 -1.42 0.00	23.94 -1.36 0.00	29.41 -1.73 0.00	31.06 -2.21 0.00	27.32 -2.13 0.00	32.15 -2.65 0.00	33.80 -2.77 0.85	36.28 -3.05 -0.11	33.44 -3.57 0.01	34.05 -3.92 0.04	35.61 -3.65 0.00	40.24 -3.98 0.00	41.27 -4.39 0.00	39.92 -4.71 0.00	43.03 -4.95 0.00	54.72 -6.60 0.00	32.85 -3.94 0.00	29.31 -3.63 0.00	30.96 -3.02 0.00	27.48 -2.49 0.00	26.37 -1.88 0.00
CH_RES_SYRACUSE 23985	33.27 -0.12 0.00	24.89 -0.14 0.00	25.78 -0.14 0.00	30.07 -0.11 0.00	25.26 -0.04 0.00	31.14 0.00 0.00	33.24 -0.02 0.00	29.42 -0.03 0.00	34.75 -0.05 0.00	37.36 -0.06 0.02	39.22 -0.09 -0.09	36.90 -0.12 0.00	37.84 -0.17 0.00	39.09 -0.16 0.00	44.03 -0.19 0.00	45.41 -0.25 0.00	44.29 -0.33 0.00	47.66 -0.31 0.00	60.82 -0.51 0.00	36.45 -0.33 0.00	32.64 -0.31 0.00	33.68 -0.31 0.00	29.71 -0.27 0.00	28.08 -0.18 0.00
CLINTON_WT_PWR 323605	32.98 -0.40 0.00	24.65 -0.38 0.00	24.69 -1.24 0.00	27.65 -2.53 0.00	22.75 -2.55 0.00	27.90 -3.25 0.00	29.56 -3.71 0.00	26.35 -3.10 0.00	30.90 -3.90 0.00	32.11 -4.39 0.92	34.90 -4.33 0.00	32.91 -4.11 0.00	34.10 -3.91 0.00	36.42 -2.83 0.00	41.79 -2.43 0.00	43.38 -2.28 0.00	42.79 -1.83 0.00	46.22 -1.75 0.00	59.43 -1.90 0.00	35.81 -0.98 0.00	31.91 -1.04 0.00	33.72 -0.27 0.00	29.94 -0.03 0.00	28.18 -0.07 0.00
CLINTON___LFGE 323618	33.49 0.11 0.00	25.07 0.04 0.00	25.10 -0.82 0.00	28.09 -2.09 0.00	23.15 -2.16 0.00	28.41 -2.74 0.00	30.13 -3.13 0.00	26.89 -2.56 0.00	31.54 -3.26 0.00	32.79 -3.72 0.92	35.55 -3.67 0.00	33.51 -3.51 0.00	34.58 -3.43 0.00	36.96 -2.30 0.00	42.40 -1.82 0.00	44.12 -1.54 0.00	43.56 -1.06 0.00	47.04 -0.93 0.00	60.44 -0.88 0.00	36.43 -0.35 0.00	32.43 -0.51 0.00	34.25 0.26 0.00	30.43 0.46 0.00	28.62 0.36 0.00
COBBLENY_34_KV_TB1 80064	32.87 -0.52 0.00	24.39 -0.63 0.00	25.28 -0.65 0.00	29.86 -0.31 0.00	24.92 -0.39 0.00	30.74 -0.40 0.00	32.60 -0.66 0.00	28.76 -0.69 0.00	33.87 -0.93 0.00	35.45 -0.94 1.04	38.25 -1.10 -0.13	35.36 -1.65 0.01	36.41 -1.94 -0.34	37.71 -1.55 0.00	42.58 -1.64 0.00	43.70 -1.96 0.00	42.28 -2.34 0.00	45.56 -2.41 0.00	57.94 -3.39 0.00	34.82 -1.96 0.00	31.01 -1.93 0.00	32.61 -1.38 0.00	28.89 -1.08 0.00	27.63 -0.63 0.00
COFFEEN___115KV_TB3 355620	34.33 0.94 0.00	25.42 0.40 0.00	26.28 0.35 0.00	30.50 0.32 0.00	25.33 0.03 0.00	31.11 -0.04 0.00	32.81 -0.45 0.00	29.16 -0.29 0.00	34.42 -0.38 0.00	36.74 -0.49 0.19	38.78 -0.50 -0.05	36.49 -0.53 0.00	37.23 -0.78 0.00	37.82 -1.43 0.00	42.34 -1.88 0.00	44.49 -1.17 0.00	43.80 -0.82 0.00	47.39 -0.58 0.00	60.92 -0.41 0.00	36.41 -0.37 0.00	33.01 0.07 0.00	34.49 0.50 0.00	30.26 0.29 0.00	28.24 -0.02 0.00
COLDSPRG_115KV_BK1 355956	34.07 0.69 0.00	25.26 0.23 0.00	26.13 0.20 0.00	30.77 0.59 0.00	25.57 0.27 0.00	31.65 0.51 0.00	33.71 0.45 0.00	29.79 0.34 0.00	35.03 0.23 0.00	36.52 0.25 1.16	39.50 0.14 -0.13	36.69 -0.31 0.01	43.28 -0.49 -5.77	39.16 -0.09 0.00	44.25 0.03 0.00	45.44 -0.22 0.00	43.76 -0.86 0.00	47.20 -0.77 0.00	60.06 -1.27 0.00	36.03 -0.76 0.00	32.11 -0.84 0.00	33.66 -0.33 0.00	29.80 -0.17 0.00	28.51 0.25 0.00
COLONIE_LFGE___ 323577	34.66 1.28 0.00	26.06 1.03 0.00	27.03 1.10 0.00	31.51 1.33 0.00	26.40 1.10 0.00	32.47 1.33 0.00	34.81 1.54 0.00	30.87 1.42 0.00	36.54 1.74 0.00	39.26 1.84 0.00	40.86 1.83 0.20	38.76 1.72 -0.02	39.84 1.76 -0.08	41.00 1.75 0.00	46.17 1.95 0.00	47.78 2.12 0.00	46.74 2.12 0.00	50.22 2.25 0.00	64.22 2.90 0.00	38.50 1.71 0.00	34.53 1.59 0.00	35.52 1.54 0.00	31.27 1.30 0.00	29.40 1.15 0.00
COOPERNY_115KV_TB1 80082	34.50 1.11 0.00	25.82 0.80 0.00	26.77 0.84 0.00	31.17 0.99 0.00	26.19 0.89 0.00	32.35 1.21 0.00	34.75 1.48 0.00	30.98 1.53 0.00	36.67 1.86 0.00	39.61 1.99 -0.20	42.79 2.10 -1.47	38.95 2.08 0.15	39.71 2.21 0.51	41.32 2.06 0.00	46.47 2.26 0.00	48.01 2.35 0.00	46.99 2.37 0.00	50.50 2.53 0.00	64.50 3.18 0.00	38.70 1.91 0.00	34.61 1.67 0.00	35.57 1.58 0.00	31.31 1.34 0.00	29.40 1.15 0.00
COPENHAGEN_WT_PWR 323753	33.95 0.57 0.00	25.13 0.11 0.00	25.99 0.06 0.00	30.18 0.01 0.00	25.00 -0.30 0.00	30.56 -0.58 0.00	32.15 -1.11 0.00	28.54 -0.92 0.00	33.71 -1.10 0.00	36.00 -1.24 0.18	38.01 -1.26 -0.05	35.81 -1.21 0.00	36.54 -1.47 0.00	37.20 -2.06 0.00	41.69 -2.53 0.00	43.80 -1.86 0.00	42.99 -1.62 0.00	46.43 -1.55 0.00	59.76 -1.57 0.00	35.77 -1.01 0.00	32.59 -0.35 0.00	34.11 0.12 0.00	29.95 -0.03 0.00	27.93 -0.32 0.00
CORNELL_____ 23752	33.97 0.58 0.00	25.34 0.32 0.00	26.25 0.32 0.00	30.61 0.43 0.00	25.76 0.47 0.00	31.90 0.76 0.00	34.24 0.98 0.00	30.30 0.85 0.00	35.81 1.01 0.00	42.63 1.07 -4.13	40.50 1.05 -0.22	38.01 1.01 0.02	38.80 0.87 0.08	40.19 0.94 0.00	45.22 1.01 0.00	46.60 0.94 0.00	45.37 0.75 0.00	48.78 0.81 0.00	62.26 0.94 0.00	37.33 0.54 0.00	33.34 0.40 0.00	34.39 0.40 0.00	30.34 0.37 0.00	28.64 0.39 0.00

CORONA V_69_KV_TB1 355595	36.76 2.13 -1.24	26.53 1.51 0.00	27.55 1.62 0.00	32.03 1.85 0.00	26.94 1.64 0.00	33.36 2.22 0.00	35.85 2.59 0.00	31.77 2.32 0.00	37.84 3.04 0.00	40.75 3.32 0.00	79.89 3.81 -36.86	85.95 3.69 -45.23	88.06 3.86 -46.18	66.63 3.83 -23.55	85.04 4.12 -36.70	82.71 4.18 -32.88	85.21 4.05 -36.54	106.88 4.36 -54.54	95.84 5.62 -28.90	132.96 3.46 -92.72	35.91 2.96 0.00	36.91 2.92 0.00	34.16 2.63 -1.55	30.52 2.26 -0.01
CORTLAND_115KV_TB3 80093	33.76 0.37 0.00	25.20 0.18 0.00	26.13 0.20 0.00	30.46 0.27 0.00	25.60 0.30 0.00	31.64 0.50 0.00	33.84 0.58 0.00	29.95 0.51 0.00	35.38 0.58 0.00	39.16 0.62 -1.12	40.02 0.64 -0.16	37.60 0.60 0.02	38.55 0.60 0.06	39.90 0.65 0.00	44.88 0.67 0.00	46.23 0.58 0.00	45.13 0.51 0.00	48.50 0.53 0.00	61.96 0.64 0.00	37.16 0.37 0.00	33.21 0.27 0.00	34.25 0.27 0.00	30.22 0.24 0.00	28.51 0.26 0.00
COXSACKIE__GT 23611	35.10 1.72 0.00	26.41 1.39 0.00	27.42 1.49 0.00	31.94 1.76 0.00	26.75 1.45 0.00	32.92 1.78 0.00	35.42 2.15 0.00	31.57 2.12 0.00	37.43 2.63 0.00	40.23 2.80 0.00	42.20 2.87 -0.11	39.84 2.79 -0.03	40.86 2.75 -0.10	42.13 2.88 0.00	47.52 3.30 0.00	49.23 3.57 0.00	48.22 3.60 0.00	51.84 3.87 0.00	66.25 4.93 0.00	39.54 2.76 0.00	35.37 2.43 0.00	36.42 2.43 0.00	31.97 1.99 0.00	29.99 1.74 0.00
CPV_VALLEY__CC1 323721	34.30 0.92 0.00	25.70 0.67 0.00	26.64 0.71 0.00	31.02 0.84 0.00	26.06 0.76 0.00	32.18 1.04 0.00	34.56 1.30 0.00	30.72 1.28 0.00	36.35 1.55 0.00	39.07 1.64 0.00	42.51 1.75 -1.53	38.60 1.75 0.17	39.31 1.87 0.57	41.04 1.78 0.00	46.15 1.94 0.00	47.66 2.00 0.00	46.63 2.01 0.00	50.12 2.14 0.00	64.00 2.68 0.00	38.41 1.62 0.00	34.37 1.43 0.00	35.33 1.34 0.00	31.11 1.13 0.00	29.21 0.96 0.00
CPV_VALLEY__CC2 323722	34.30 0.92 0.00	25.70 0.67 0.00	26.64 0.71 0.00	31.02 0.84 0.00	26.06 0.76 0.00	32.18 1.04 0.00	34.56 1.30 0.00	30.72 1.28 0.00	36.35 1.55 0.00	39.07 1.64 0.00	42.51 1.75 -1.53	38.60 1.75 0.17	39.31 1.87 0.57	41.04 1.78 0.00	46.15 1.94 0.00	47.66 2.00 0.00	46.63 2.01 0.00	50.12 2.14 0.00	64.00 2.68 0.00	38.41 1.62 0.00	34.37 1.43 0.00	35.33 1.34 0.00	31.11 1.13 0.00	29.21 0.96 0.00
CRESCENT__HYD 24018	34.66 1.28 0.00	26.06 1.03 0.00	27.03 1.10 0.00	31.51 1.33 0.00	26.40 1.10 0.00	32.47 1.33 0.00	34.81 1.54 0.00	30.87 1.42 0.00	36.54 1.74 0.00	39.26 1.84 0.00	40.86 1.83 0.20	38.76 1.72 -0.02	39.84 1.76 -0.08	41.00 1.75 0.00	46.17 1.95 0.00	47.78 2.12 0.00	46.74 2.12 0.00	50.22 2.25 0.00	64.22 2.90 0.00	38.50 1.71 0.00	34.53 1.59 0.00	35.52 1.54 0.00	31.27 1.30 0.00	29.40 1.15 0.00
CRICKET__VALLEY_CC1 323756	34.71 1.32 0.00	26.05 1.02 0.00	27.00 1.07 0.00	31.45 1.27 0.00	26.43 1.13 0.00	32.61 1.47 0.00	35.08 1.81 0.00	31.18 1.73 0.00	36.98 2.18 0.00	39.82 2.39 0.00	41.02 2.43 0.63	39.43 2.36 -0.06	40.66 2.45 -0.19	41.64 2.38 0.00	46.85 2.63 0.00	48.47 2.81 0.00	47.49 2.87 0.00	51.08 3.11 0.00	65.30 3.98 0.00	39.21 2.43 0.00	35.04 2.10 0.00	35.99 2.00 0.00	31.68 1.71 0.00	29.70 1.44 0.00
CRICKET__VALLEY_CC2 323757	34.71 1.32 0.00	26.05 1.02 0.00	27.00 1.07 0.00	31.45 1.27 0.00	26.43 1.13 0.00	32.61 1.47 0.00	35.08 1.81 0.00	31.18 1.73 0.00	36.98 2.18 0.00	39.82 2.39 0.00	41.02 2.43 0.63	39.43 2.36 -0.06	40.66 2.45 -0.19	41.64 2.38 0.00	46.85 2.63 0.00	48.47 2.81 0.00	47.49 2.87 0.00	51.08 3.11 0.00	65.30 3.98 0.00	39.21 2.43 0.00	35.04 2.10 0.00	35.99 2.00 0.00	31.68 1.71 0.00	29.70 1.44 0.00
CRICKET__VALLEY_CC3 323758	34.71 1.32 0.00	26.05 1.02 0.00	27.00 1.07 0.00	31.45 1.27 0.00	26.43 1.13 0.00	32.61 1.47 0.00	35.08 1.81 0.00	31.18 1.73 0.00	36.98 2.18 0.00	39.82 2.39 0.00	41.02 2.43 0.63	39.43 2.36 -0.06	40.66 2.45 -0.19	41.64 2.38 0.00	46.85 2.63 0.00	48.47 2.81 0.00	47.49 2.87 0.00	51.08 3.11 0.00	65.30 3.98 0.00	39.21 2.43 0.00	35.04 2.10 0.00	35.99 2.00 0.00	31.68 1.71 0.00	29.70 1.44 0.00
CRUCIBLE_METL_DRP 24180	33.27 -0.12 0.00	24.89 -0.14 0.00	25.78 -0.14 0.00	30.07 -0.11 0.00	25.26 -0.04 0.00	31.14 0.00 0.00	33.24 -0.02 0.00	29.42 -0.03 0.00	34.75 -0.05 0.00	37.36 -0.06 0.02	39.22 -0.09 -0.09	36.90 -0.12 0.00	37.84 -0.17 0.00	39.09 -0.16 0.00	44.03 -0.19 0.00	45.41 -0.25 0.00	44.29 -0.32 0.00	47.65 -0.32 0.00	60.82 -0.50 0.00	36.45 -0.33 0.00	32.64 -0.31 0.00	33.68 -0.31 0.00	29.71 -0.27 0.00	28.07 -0.18 0.00
DAHOWA__HYDRO 323763	35.30 1.92 0.00	26.54 1.52 0.00	27.54 1.61 0.00	32.12 1.94 0.00	26.87 1.57 0.00	33.00 1.86 0.00	35.36 2.10 0.00	31.38 1.93 0.00	37.07 2.27 0.00	39.84 2.41 0.00	41.36 2.31 0.18	39.08 2.04 -0.02	40.17 2.09 -0.07	41.33 2.07 0.00	46.51 2.29 0.00	48.29 2.63 0.00	47.32 2.70 0.00	50.82 2.84 0.00	64.96 3.64 0.00	38.89 2.11 0.00	34.77 1.83 0.00	35.83 1.84 0.00	31.58 1.61 0.00	29.65 1.40 0.00
DANC__LFGE 323619	33.62 0.23 0.00	24.98 -0.05 0.00	25.84 -0.08 0.00	30.06 -0.11 0.00	25.02 -0.28 0.00	30.66 -0.48 0.00	32.44 -0.82 0.00	28.76 -0.69 0.00	33.97 -0.83 0.00	36.40 -0.89 0.13	38.33 -0.95 -0.05	36.08 -0.93 0.00	36.89 -1.12 0.00	37.71 -1.54 0.00	42.32 -1.90 0.00	44.13 -1.53 0.00	43.22 -1.40 0.00	46.60 -1.38 0.00	59.83 -1.49 0.00	35.83 -0.95 0.00	32.45 -0.49 0.00	33.77 -0.21 0.00	29.70 -0.27 0.00	27.84 -0.41 0.00
DANSKAMMER__1 23586	35.35 1.96 0.00	26.47 1.45 0.00	27.42 1.49 0.00	31.94 1.77 0.00	26.87 1.57 0.00	33.20 2.06 0.00	35.76 2.50 0.00	31.80 2.35 0.00	37.73 2.93 0.00	40.62 3.19 0.00	44.29 3.39 -1.67	40.40 3.30 -0.08	41.73 3.46 -0.26	42.64 3.39 0.00	47.98 3.76 0.00	49.58 3.92 0.00	48.55 3.93 0.00	52.23 4.25 0.00	66.68 5.36 0.00	40.03 3.25 0.00	35.74 2.80 0.00	36.68 2.70 0.00	32.27 2.29 0.00	30.22 1.97 0.00
DANSKAMMER__2 23589	35.35 1.96 0.00	26.47 1.45 0.00	27.42 1.49 0.00	31.94 1.77 0.00	26.87 1.57 0.00	33.20 2.06 0.00	35.76 2.50 0.00	31.80 2.35 0.00	37.73 2.93 0.00	40.62 3.19 0.00	44.29 3.39 -1.67	40.40 3.30 -0.08	41.73 3.46 -0.26	42.64 3.39 0.00	47.98 3.76 0.00	49.58 3.92 0.00	48.55 3.93 0.00	52.23 4.25 0.00	66.68 5.36 0.00	40.03 3.25 0.00	35.74 2.80 0.00	36.68 2.70 0.00	32.27 2.29 0.00	30.22 1.97 0.00
DANSKAMMER__3 23590	35.35 1.96 0.00	26.47 1.45 0.00	27.42 1.49 0.00	31.94 1.77 0.00	26.87 1.57 0.00	33.20 2.06 0.00	35.76 2.50 0.00	31.80 2.35 0.00	37.73 2.93 0.00	40.62 3.19 0.00	44.29 3.39 -1.67	40.40 3.30 -0.08	41.73 3.46 -0.26	42.64 3.39 0.00	47.98 3.76 0.00	49.58 3.92 0.00	48.55 3.93 0.00	52.23 4.25 0.00	66.68 5.36 0.00	40.03 3.25 0.00	35.74 2.80 0.00	36.68 2.70 0.00	32.27 2.29 0.00	30.22 1.97 0.00

DANSKAMMER___4 23591	35.35 1.96 0.00	26.47 1.45 0.00	27.42 1.49 0.00	31.94 1.77 0.00	26.87 1.57 0.00	33.20 2.06 0.00	35.76 2.50 0.00	31.80 2.35 0.00	37.73 2.93 0.00	40.62 3.19 0.00	44.29 3.39 -1.67	40.40 3.30 -0.08	41.73 3.46 -0.26	42.64 3.39 0.00	47.98 3.76 0.00	49.58 3.92 0.00	48.55 3.93 0.00	52.23 4.25 0.00	66.68 5.36 0.00	40.03 3.25 0.00	35.74 2.80 0.00	36.68 2.70 0.00	32.27 2.29 0.00	30.22 1.97 0.00
DANSKAMMER___DIESEL 23592	35.35 1.96 0.00	26.47 1.45 0.00	27.42 1.50 0.00	31.94 1.77 0.00	26.87 1.57 0.00	33.20 2.06 0.00	35.76 2.50 0.00	31.80 2.35 0.00	37.73 2.93 0.00	40.62 3.19 0.00	44.29 3.40 -1.67	40.40 3.30 -0.08	41.73 3.46 -0.26	42.64 3.39 0.00	47.98 3.76 0.00	49.58 3.92 0.00	48.56 3.94 0.00	52.23 4.25 0.00	66.68 5.36 0.00	40.03 3.25 0.00	35.75 2.80 0.00	36.68 2.70 0.00	32.27 2.29 0.00	30.22 1.97 0.00
DARBY___SOLAR 323810	35.14 1.75 0.00	26.42 1.39 0.00	27.41 1.48 0.00	31.96 1.78 0.00	26.73 1.43 0.00	32.85 1.71 0.00	35.19 1.93 0.00	31.22 1.77 0.00	36.89 2.09 0.00	39.65 2.23 0.00	41.18 2.14 0.19	38.94 1.90 -0.02	40.04 1.96 -0.07	41.19 1.93 0.00	46.36 2.14 0.00	48.10 2.45 0.00	47.14 2.52 0.00	50.61 2.64 0.00	64.71 3.39 0.00	38.75 1.97 0.00	34.66 1.71 0.00	35.71 1.73 0.00	31.48 1.50 0.00	29.57 1.32 0.00
DASHVILLE___HYD 23610	34.60 1.22 0.00	25.93 0.90 0.00	26.87 0.94 0.00	31.29 1.11 0.00	26.31 1.01 0.00	32.46 1.32 0.00	34.93 1.67 0.00	31.05 1.60 0.00	36.84 2.04 0.00	39.68 2.25 0.00	42.75 2.78 -0.74	39.92 2.87 -0.04	41.15 3.00 -0.14	42.11 2.86 0.00	47.36 3.14 0.00	48.92 3.26 0.00	47.95 3.33 0.00	51.56 3.59 0.00	65.82 4.50 0.00	39.54 2.76 0.00	35.29 2.35 0.00	36.23 2.25 0.00	31.89 1.92 0.00	29.89 1.63 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.56 1.41 0.24	25.99 0.97 0.00	27.17 1.24 0.00	31.50 1.32 0.00	26.54 1.23 0.00	33.00 1.86 0.00	35.23 1.96 0.00	31.22 1.77 0.00	37.39 2.59 0.00	40.37 2.94 0.00	48.09 3.90 -4.96	43.92 3.78 -3.12	45.51 4.15 -3.35	44.59 4.36 -0.98	52.01 5.34 -2.45	53.46 5.60 -2.20	46.44 5.56 3.74	27.33 5.80 26.44	39.61 6.94 28.66	54.51 4.38 -13.34	36.32 3.38 0.00	36.42 3.48 1.05	34.33 3.49 -0.87	31.26 3.00 0.00
DELAWARE___LFGE 323621	34.35 0.97 0.00	25.70 0.67 0.00	26.63 0.70 0.00	30.99 0.81 0.00	25.89 0.59 0.00	31.94 0.80 0.00	34.18 0.92 0.00	30.30 0.85 0.00	35.82 1.02 0.00	38.54 1.12 0.00	40.72 1.17 -0.33	38.15 1.17 0.04	39.13 1.24 0.12	40.69 1.44 0.00	45.82 1.60 0.00	47.29 1.64 0.00	46.16 1.54 0.00	49.60 1.63 0.00	63.40 2.08 0.00	38.03 1.25 0.00	34.03 1.09 0.00	35.03 1.05 0.00	30.89 0.92 0.00	29.10 0.85 0.00
DERFIELD_115KV_TB7 355931	33.50 0.12 0.00	25.12 0.09 0.00	26.01 0.08 0.00	30.24 0.06 0.00	25.35 0.05 0.00	31.20 0.06 0.00	33.32 0.06 0.00	29.51 0.06 0.00	34.87 0.07 0.00	37.50 0.07 0.00	39.29 0.06 0.00	37.09 0.07 0.00	38.09 0.08 0.00	39.36 0.11 0.00	44.35 0.13 0.00	45.81 0.15 0.00	44.80 0.18 0.00	48.17 0.19 0.00	61.61 0.29 0.00	36.96 0.17 0.00	33.11 0.17 0.00	34.15 0.17 0.00	30.12 0.15 0.00	28.36 0.11 0.00
DOGLEVILLE___HYD 23807	33.76 0.37 0.00	25.32 0.29 0.00	26.29 0.36 0.00	30.56 0.39 0.00	25.76 0.45 0.00	31.80 0.66 0.00	34.16 0.89 0.00	30.30 0.85 0.00	35.73 0.93 0.00	38.39 0.96 0.00	39.98 0.76 0.00	37.69 0.68 0.00	38.85 0.84 0.00	40.24 0.98 0.00	45.27 1.05 0.00	46.78 1.12 0.00	45.93 1.31 0.00	49.44 1.47 0.00	63.06 1.73 0.00	37.76 0.97 0.00	33.78 0.84 0.00	34.67 0.69 0.00	30.59 0.61 0.00	28.74 0.49 0.00
DUNKIRK___115KV_TB_200 55889	32.77 -0.61 0.00	24.32 -0.71 0.00	25.16 -0.77 0.00	29.58 -0.59 0.00	24.59 -0.71 0.00	30.34 -0.80 0.00	32.29 -0.97 0.00	28.48 -0.97 0.00	33.51 -1.30 0.00	35.06 -1.33 1.04	37.79 -1.56 -0.12	34.89 -2.12 0.01	32.29 -2.47 3.25	37.14 -2.11 0.00	41.95 -2.26 0.00	43.12 -2.54 0.00	41.66 -2.96 0.00	44.93 -3.04 0.00	57.17 -4.15 0.00	34.41 -2.38 0.00	30.76 -2.18 0.00	32.40 -1.59 0.00	28.70 -1.27 0.00	27.55 -0.70 0.00
DUNKIRK___1 23563	32.77 -0.61 0.00	24.32 -0.71 0.00	25.16 -0.77 0.00	29.58 -0.59 0.00	24.59 -0.71 0.00	30.34 -0.80 0.00	32.29 -0.97 0.00	28.48 -0.97 0.00	33.51 -1.30 0.00	35.06 -1.33 1.04	37.79 -1.56 -0.12	34.89 -2.12 0.01	32.29 -2.47 3.25	37.14 -2.11 0.00	41.95 -2.26 0.00	43.12 -2.54 0.00	41.66 -2.96 0.00	44.93 -3.04 0.00	57.17 -4.15 0.00	34.41 -2.38 0.00	30.76 -2.18 0.00	32.40 -1.59 0.00	28.70 -1.27 0.00	27.55 -0.70 0.00
DUNKIRK___2 23564	32.77 -0.61 0.00	24.32 -0.71 0.00	25.16 -0.77 0.00	29.58 -0.59 0.00	24.59 -0.71 0.00	30.34 -0.80 0.00	32.29 -0.97 0.00	28.48 -0.97 0.00	33.51 -1.30 0.00	35.06 -1.33 1.04	37.79 -1.56 -0.12	34.89 -2.12 0.01	32.29 -2.47 3.25	37.14 -2.11 0.00	41.95 -2.26 0.00	43.12 -2.54 0.00	41.66 -2.96 0.00	44.93 -3.04 0.00	57.17 -4.15 0.00	34.41 -2.38 0.00	30.76 -2.18 0.00	32.40 -1.59 0.00	28.70 -1.27 0.00	27.55 -0.70 0.00
DUNKIRK___3 23565	32.72 -0.67 0.00	24.29 -0.74 0.00	25.13 -0.80 0.00	29.58 -0.59 0.00	24.61 -0.69 0.00	30.36 -0.78 0.00	32.27 -0.99 0.00	28.46 -0.99 0.00	33.50 -1.30 0.00	35.08 -1.34 1.01	37.79 -1.55 -0.12	34.93 -2.08 0.01	33.76 -2.40 1.85	37.21 -2.05 0.00	42.01 -2.20 0.00	43.16 -2.50 0.00	41.71 -2.91 0.00	44.99 -2.99 0.00	57.23 -4.09 0.00	34.43 -2.36 0.00	30.75 -2.20 0.00	32.36 -1.62 0.00	28.68 -1.30 0.00	27.51 -0.75 0.00
DUNKIRK___4 23566	32.72 -0.67 0.00	24.29 -0.74 0.00	25.13 -0.80 0.00	29.58 -0.59 0.00	24.61 -0.69 0.00	30.36 -0.78 0.00	32.27 -0.99 0.00	28.46 -0.99 0.00	33.50 -1.30 0.00	35.08 -1.34 1.01	37.79 -1.55 -0.12	34.93 -2.08 0.01	33.76 -2.40 1.85	37.21 -2.05 0.00	42.01 -2.20 0.00	43.16 -2.50 0.00	41.71 -2.91 0.00	44.99 -2.99 0.00	57.23 -4.09 0.00	34.43 -2.36 0.00	30.75 -2.20 0.00	32.36 -1.62 0.00	28.68 -1.30 0.00	27.51 -0.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.36 1.97 0.00	26.46 1.44 0.00	27.42 1.49 0.00	31.93 1.75 0.00	26.88 1.57 0.00	33.19 2.05 0.00	35.72 2.45 0.00	31.72 2.28 0.00	37.66 2.86 0.00	40.55 3.12 0.00	45.30 3.30 -2.77	40.34 3.24 -0.08	41.68 3.40 -0.28	42.53 3.27 0.00	47.84 3.63 0.00	49.41 3.75 0.00	48.40 3.78 0.00	52.03 4.06 0.00	66.39 5.07 0.00	39.90 3.12 0.00	35.64 2.69 0.00	36.60 2.61 0.00	32.21 2.24 0.00	30.14 1.89 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.23 1.85 0.00	26.38 1.35 0.00	27.33 1.40 0.00	31.83 1.65 0.00	26.77 1.47 0.00	33.08 1.94 0.00	35.64 2.38 0.00	31.68 2.23 0.00	37.57 2.77 0.00	40.44 3.02 0.00	44.27 3.20 -1.84	40.25 3.14 -0.09	41.61 3.29 -0.32	42.45 3.19 0.00	47.75 3.53 0.00	49.33 3.67 0.00	48.33 3.71 0.00	51.98 4.00 0.00	66.34 5.02 0.00	39.82 3.04 0.00	35.56 2.62 0.00	36.50 2.51 0.00	32.10 2.13 0.00	30.08 1.82 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	35.40 2.01 0.00	26.47 1.44 0.00	27.41 1.48 0.00	31.91 1.74 0.00	26.86 1.56 0.00	33.14 2.00 0.00	35.76 2.50 0.00	31.83 2.38 0.00	37.83 3.03 0.00	40.73 3.30 0.00	45.48 3.49 -2.77	40.56 3.46 -0.08	41.89 3.60 -0.28	42.76 3.50 0.00	48.09 3.87 0.00	49.65 3.99 0.00	48.62 4.00 0.00	52.26 4.28 0.00	66.67 5.35 0.00	40.12 3.34 0.00	35.81 2.87 0.00	36.79 2.80 0.00	32.27 2.30 0.00	30.24 1.99 0.00
E179THST_13_KV_LOAD 356214	35.53 2.14 0.00	26.56 1.54 0.00	27.50 1.57 0.00	32.02 1.85 0.00	26.95 1.65 0.00	33.26 2.12 0.00	35.90 2.64 0.00	31.97 2.52 0.00	38.00 3.20 0.00	40.89 3.47 0.00	45.66 3.67 -2.77	40.75 3.65 -0.08	42.08 3.79 -0.28	42.96 3.70 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.85 4.23 0.00	52.51 4.54 0.00	66.98 5.66 0.00	40.31 3.53 0.00	35.98 3.03 0.00	36.96 2.97 0.00	32.41 2.44 0.00	30.36 2.11 0.00
EAST HAMPTON___GT 23717	34.00 0.85 0.24	25.52 0.49 0.00	26.67 0.74 0.00	30.93 0.75 0.00	26.06 0.76 0.00	32.44 1.30 0.00	34.67 1.40 0.00	30.73 1.29 0.00	36.81 2.01 0.00	39.76 2.33 0.00	47.41 3.22 -4.96	43.38 3.24 -3.12	45.11 3.75 -3.35	44.45 4.22 -0.98	52.20 5.53 -2.46	53.78 5.93 -2.20	46.67 5.83 3.78	27.29 5.95 26.64	39.54 7.15 28.93	54.59 4.46 -13.34	36.40 3.46 0.00	36.65 3.72 1.05	34.65 3.80 -0.87	31.55 3.30 0.00
EAST RIVER___6 23660	35.38 2.00 0.00	26.47 1.45 0.00	27.40 1.47 0.00	31.88 1.70 0.00	26.84 1.55 0.00	33.16 2.02 0.00	35.77 2.51 0.00	31.82 2.37 0.00	37.80 3.00 0.00	40.76 3.33 0.00	45.53 3.54 -2.77	40.60 3.51 -0.08	41.96 3.67 -0.28	42.80 3.54 0.00	48.12 3.91 0.00	49.72 4.06 0.00	48.66 4.04 0.00	52.31 4.33 0.00	66.68 5.36 0.00	40.14 3.35 0.00	35.82 2.88 0.00	36.81 2.82 0.00	32.37 2.40 0.00	30.26 2.01 0.00
EAST RIVER___7 23524	35.38 2.00 0.00	26.47 1.45 0.00	27.40 1.47 0.00	31.88 1.70 0.00	26.84 1.55 0.00	33.16 2.02 0.00	35.77 2.51 0.00	31.82 2.37 0.00	37.80 3.00 0.00	40.76 3.33 0.00	45.53 3.54 -2.77	40.60 3.51 -0.08	41.96 3.67 -0.28	42.80 3.54 0.00	48.12 3.91 0.00	49.72 4.06 0.00	48.66 4.04 0.00	52.31 4.33 0.00	66.68 5.36 0.00	40.14 3.35 0.00	35.82 2.88 0.00	36.81 2.82 0.00	32.37 2.40 0.00	30.26 2.01 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.26 1.87 0.00	26.39 1.36 0.00	27.34 1.41 0.00	31.85 1.67 0.00	26.80 1.50 0.00	33.10 1.95 0.00	35.66 2.39 0.00	31.68 2.23 0.00	37.58 2.78 0.00	40.47 3.04 0.00	45.17 3.22 -2.73	40.26 3.16 -0.08	41.60 3.30 -0.28	42.44 3.19 0.00	47.74 3.53 0.00	49.31 3.66 0.00	48.31 3.69 0.00	51.92 3.95 0.00	66.27 4.95 0.00	39.82 3.04 0.00	35.55 2.61 0.00	36.51 2.52 0.00	32.13 2.16 0.00	30.08 1.82 0.00
EAST_HAMPTON___DIESEL 23722	33.89 0.74 0.24	25.44 0.41 0.00	26.58 0.66 0.00	30.82 0.64 0.00	25.98 0.67 0.00	32.33 1.19 0.00	34.56 1.29 0.00	30.63 1.18 0.00	36.70 1.90 0.00	39.64 2.21 0.00	47.29 3.10 -4.96	43.28 3.14 -3.12	45.02 3.66 -3.35	44.39 4.17 -0.98	52.17 5.50 -2.46	53.77 5.92 -2.20	46.68 5.83 3.77	27.33 5.99 26.63	39.59 7.18 28.92	54.62 4.49 -13.34	36.42 3.48 0.00	36.66 3.73 1.05	34.65 3.81 -0.87	31.56 3.30 0.00
EAST_POINT___SOLAR 323840	35.73 2.34 0.00	26.69 1.66 0.00	27.54 1.62 0.00	32.05 1.88 0.00	26.82 1.52 0.00	33.10 1.96 0.00	35.52 2.26 0.00	31.48 2.04 0.00	36.96 2.15 0.00	39.67 2.25 0.00	41.26 2.13 0.10	38.77 1.74 -0.01	39.66 1.61 -0.04	41.37 2.12 0.00	46.90 2.68 0.00	48.47 2.81 0.00	47.62 2.99 0.00	51.34 3.37 0.00	65.62 4.29 0.00	39.29 2.50 0.00	35.12 2.18 0.00	36.29 2.30 0.00	31.95 1.97 0.00	30.08 1.82 0.00
EAST_PULASKI___ESR 323781	33.28 -0.11 0.00	24.83 -0.20 0.00	25.71 -0.22 0.00	29.93 -0.24 0.00	25.05 -0.25 0.00	30.78 -0.37 0.00	32.73 -0.53 0.00	28.99 -0.46 0.00	34.22 -0.58 0.00	36.77 -0.58 0.07	38.65 -0.64 -0.06	36.35 -0.66 0.00	37.24 -0.77 0.00	38.24 -1.02 0.00	42.96 -1.26 0.00	44.49 -1.17 0.00	43.51 -1.11 0.00	46.86 -1.12 0.00	59.99 -1.34 0.00	35.95 -0.84 0.00	32.34 -0.60 0.00	33.49 -0.50 0.00	29.50 -0.47 0.00	27.78 -0.47 0.00
EAST_RIVER___1 323558	35.44 2.06 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.96 1.78 0.00	26.92 1.62 0.00	33.25 2.10 0.00	35.83 2.56 0.00	31.84 2.39 0.00	37.83 3.03 0.00	40.77 3.34 0.00	45.54 3.55 -2.77	40.61 3.51 -0.08	41.96 3.67 -0.28	42.80 3.55 0.00	48.14 3.92 0.00	49.72 4.06 0.00	48.66 4.04 0.00	52.32 4.35 0.00	66.74 5.41 0.00	40.12 3.34 0.00	35.82 2.88 0.00	36.81 2.82 0.00	32.37 2.40 0.00	30.26 2.01 0.00
EAST_RIVER___2 323559	35.38 2.00 0.00	26.47 1.45 0.00	27.40 1.47 0.00	31.88 1.70 0.00	26.84 1.55 0.00	33.16 2.02 0.00	35.77 2.51 0.00	31.82 2.37 0.00	37.80 3.00 0.00	40.76 3.33 0.00	45.53 3.54 -2.77	40.60 3.51 -0.08	41.96 3.67 -0.28	42.80 3.54 0.00	48.12 3.91 0.00	49.72 4.06 0.00	48.66 4.04 0.00	52.31 4.33 0.00	66.68 5.36 0.00	40.14 3.35 0.00	35.82 2.88 0.00	36.81 2.82 0.00	32.37 2.40 0.00	30.26 2.01 0.00
EAST___DELAWARE_HYD 23607	34.67 1.28 0.00	26.00 0.97 0.00	26.83 0.90 0.00	31.22 1.04 0.00	26.29 0.99 0.00	32.48 1.33 0.00	34.97 1.71 0.00	31.18 1.74 0.00	36.98 2.18 0.00	39.77 2.34 0.00	43.09 2.56 -1.30	39.60 2.58 0.00	40.79 2.78 0.00	41.89 2.64 0.00	47.11 2.89 0.00	48.69 3.03 0.00	47.68 3.06 0.00	51.29 3.31 0.00	65.49 4.16 0.00	39.28 2.50 0.00	35.06 2.12 0.00	35.98 1.99 0.00	31.64 1.67 0.00	29.65 1.40 0.00
EIGHT_POINT___WT_PWR 323820	31.34 -2.04 0.00	23.05 -1.98 0.00	23.87 -2.06 0.00	28.07 -2.10 0.00	23.58 -1.73 0.00	29.37 -1.78 0.00	31.50 -1.76 0.00	27.81 -1.64 0.00	32.96 -1.84 0.00	33.17 -1.98 2.28	37.40 -1.98 -0.16	34.79 -2.21 0.02	36.47 -2.02 -0.47	38.09 -1.16 0.00	43.15 -1.07 0.00	44.40 -1.25 0.00	43.03 -1.59 0.00	45.98 -1.99 0.00	58.64 -2.68 0.00	35.13 -1.65 0.00	31.07 -1.87 0.00	32.44 -1.55 0.00	28.79 -1.19 0.00	27.39 -0.86 0.00
ELBRIDGE_115KV_TB2 80188	33.07 -0.31 0.00	24.74 -0.28 0.00	25.64 -0.29 0.00	29.90 -0.28 0.00	25.12 -0.19 0.00	30.96 -0.18 0.00	33.05 -0.21 0.00	29.27 -0.18 0.00	34.55 -0.25 0.00	37.16 -0.26 0.00	38.97 -0.34 -0.09	36.69 -0.32 0.00	37.61 -0.40 0.00	38.86 -0.39 0.00	43.82 -0.40 0.00	45.18 -0.48 0.00	44.04 -0.58 0.00	47.41 -0.56 0.00	60.46 -0.86 0.00	36.25 -0.54 0.00	32.43 -0.51 0.00	33.47 -0.52 0.00	29.54 -0.44 0.00	27.94 -0.32 0.00
ELEC_TRO_TEK 24086	35.78 1.97 -0.43	26.42 1.39 0.00	27.43 1.50 0.00	31.89 1.72 0.00	26.84 1.54 0.00	33.23 2.08 0.00	35.72 2.45 0.00	31.65 2.20 0.00	37.70 2.90 0.00	40.61 3.18 0.00	63.99 3.66 -21.10	63.99 3.53 -23.45	65.69 3.73 -23.95	54.61 3.67 -11.69	67.10 3.96 -18.93	66.58 3.96 -16.95	67.33 3.87 -18.84	82.98 4.18 -30.83	95.20 5.37 -28.51	105.32 3.31 -65.22	35.75 2.81 0.00	36.75 2.77 0.00	34.01 2.51 -1.53	30.41 2.15 -0.01

ELLENBURG_WT_PWR 323604	32.98 -0.40 0.00	24.65 -0.38 0.00	24.69 -1.24 0.00	27.65 -2.53 0.00	22.75 -2.55 0.00	27.90 -3.25 0.00	29.56 -3.71 0.00	26.35 -3.10 0.00	30.90 -3.90 0.00	32.11 -4.39 0.92	34.90 -4.33 0.00	32.91 -4.11 0.00	34.10 -3.91 0.00	36.42 -2.83 0.00	41.79 -2.43 0.00	43.38 -2.28 0.00	42.79 -1.83 0.00	46.22 -1.75 0.00	59.43 -1.90 0.00	35.81 -0.98 0.00	31.91 -1.04 0.00	33.72 -0.27 0.00	29.94 -0.03 0.00	28.18 -0.07 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.35 -1.04 0.00	24.03 -0.99 0.00	24.91 -1.03 0.00	29.44 -0.74 0.00	24.53 -0.77 0.00	30.22 -0.92 0.00	32.00 -1.26 0.00	28.21 -1.24 0.00	33.21 -1.59 0.00	34.84 -1.63 0.95	37.51 -1.83 -0.12	34.65 -2.35 0.01	34.93 -2.66 0.41	36.95 -2.30 0.00	41.72 -2.50 0.00	42.82 -2.84 0.00	41.41 -3.21 0.00	44.66 -3.31 0.00	56.78 -4.55 0.00	34.10 -2.68 0.00	30.41 -2.54 0.00	32.01 -1.98 0.00	28.37 -1.60 0.00	27.18 -1.07 0.00
EMPIRE_CC_1 323656	34.21 0.83 0.00	25.73 0.71 0.00	26.70 0.77 0.00	31.12 0.94 0.00	26.08 0.78 0.00	32.02 0.88 0.00	34.27 1.01 0.00	30.37 0.92 0.00	36.00 1.20 0.00	38.70 1.28 0.00	40.22 1.28 0.28	38.29 1.24 -0.03	39.39 1.28 -0.10	40.52 1.26 0.00	45.57 1.35 0.00	47.08 1.42 0.00	46.08 1.46 0.00	49.47 1.50 0.00	63.33 2.01 0.00	37.99 1.20 0.00	34.12 1.18 0.00	35.10 1.12 0.00	30.90 0.92 0.00	29.04 0.79 0.00
EMPIRE_CC_2 323658	34.21 0.83 0.00	25.73 0.71 0.00	26.70 0.77 0.00	31.12 0.94 0.00	26.08 0.78 0.00	32.02 0.88 0.00	34.27 1.01 0.00	30.37 0.92 0.00	36.00 1.20 0.00	38.70 1.28 0.00	40.22 1.28 0.28	38.29 1.24 -0.03	39.39 1.28 -0.10	40.52 1.26 0.00	45.57 1.35 0.00	47.08 1.42 0.00	46.08 1.46 0.00	49.47 1.50 0.00	63.33 2.01 0.00	37.99 1.20 0.00	34.12 1.18 0.00	35.10 1.12 0.00	30.90 0.92 0.00	29.04 0.79 0.00
ENORWICH_115KV_TB1 80156	35.50 2.12 0.00	26.44 1.41 0.00	27.33 1.40 0.00	31.69 1.51 0.00	26.94 1.64 0.00	33.83 2.69 0.00	37.38 4.11 0.00	32.80 3.35 0.00	38.85 4.05 0.00	43.67 3.93 -2.32	44.01 4.16 -0.63	41.37 4.41 0.06	46.15 8.34 0.20	48.94 9.69 0.00	55.00 10.79 0.00	56.59 10.93 0.00	52.11 7.49 0.00	56.16 8.19 0.00	72.11 10.78 0.00	42.84 6.05 0.00	38.40 5.46 0.00	39.16 5.18 0.00	34.49 4.51 0.00	32.40 4.14 0.00
ERIE_ST__34_KV_TB1-2 80199	33.22 -0.17 0.00	24.66 -0.36 0.00	25.55 -0.37 0.00	30.22 0.04 0.00	25.17 -0.13 0.00	31.08 -0.06 0.00	32.92 -0.34 0.00	29.04 -0.41 0.00	34.23 -0.57 0.00	35.91 -0.53 0.99	38.66 -0.69 -0.12	35.78 -1.23 0.01	36.51 -1.46 0.04	38.19 -1.06 0.00	43.17 -1.05 0.00	44.28 -1.38 0.00	42.82 -1.79 0.00	46.17 -1.80 0.00	58.70 -2.62 0.00	35.23 -1.55 0.00	31.36 -1.59 0.00	32.94 -1.05 0.00	29.17 -0.81 0.00	27.89 -0.36 0.00
ERIE_WT_PWR 323693	32.59 -0.80 0.00	24.18 -0.85 0.00	25.06 -0.87 0.00	29.60 -0.58 0.00	24.70 -0.60 0.00	30.46 -0.68 0.00	32.28 -0.98 0.00	28.45 -1.00 0.00	33.52 -1.28 0.00	35.13 -1.31 0.98	37.85 -1.50 -0.12	35.00 -2.01 0.01	35.65 -2.32 0.04	37.32 -1.93 0.00	42.11 -2.11 0.00	43.22 -2.43 0.00	41.82 -2.80 0.00	45.10 -2.87 0.00	57.34 -3.98 0.00	34.49 -2.30 0.00	30.71 -2.24 0.00	32.34 -1.65 0.00	28.62 -1.35 0.00	27.42 -0.84 0.00
ESPRGFLD_115KV_TB1 80157	35.01 1.63 0.00	26.11 1.08 0.00	26.93 1.00 0.00	31.31 1.13 0.00	26.17 0.87 0.00	32.38 1.24 0.00	34.69 1.43 0.00	30.74 1.30 0.00	36.25 1.45 0.00	39.07 1.65 0.00	40.76 1.54 0.00	38.51 1.50 0.00	39.41 1.40 0.00	41.34 2.08 0.00	46.72 2.50 0.00	48.20 2.54 0.00	46.86 2.24 0.00	50.43 2.46 0.00	64.43 3.11 0.00	38.59 1.81 0.00	34.53 1.59 0.00	35.69 1.70 0.00	31.47 1.50 0.00	29.67 1.42 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.93 0.55 0.00	25.32 0.30 0.00	26.24 0.31 0.00	30.58 0.41 0.00	25.74 0.44 0.00	31.86 0.72 0.00	34.20 0.94 0.00	30.25 0.80 0.00	35.75 0.95 0.00	41.76 0.99 -3.35	40.43 0.98 -0.23	37.93 0.94 0.02	38.75 0.82 0.08	40.08 0.83 0.00	45.12 0.90 0.00	46.47 0.81 0.00	45.27 0.66 0.00	48.69 0.71 0.00	62.15 0.83 0.00	37.28 0.49 0.00	33.31 0.36 0.00	34.35 0.36 0.00	30.30 0.33 0.00	28.61 0.36 0.00
ETNA____115KV_TB2 80207	33.93 0.55 0.00	25.32 0.30 0.00	26.24 0.31 0.00	30.58 0.41 0.00	25.74 0.44 0.00	31.86 0.72 0.00	34.20 0.94 0.00	30.25 0.80 0.00	35.75 0.95 0.00	41.76 0.99 -3.35	40.43 0.98 -0.23	37.93 0.94 0.02	38.75 0.82 0.08	40.08 0.83 0.00	45.12 0.90 0.00	46.47 0.81 0.00	45.27 0.66 0.00	48.69 0.71 0.00	62.15 0.83 0.00	37.28 0.49 0.00	33.31 0.36 0.00	34.35 0.36 0.00	30.30 0.33 0.00	28.61 0.36 0.00
EUCLID__115KV_TB2 356179	32.91 -0.47 0.00	24.63 -0.39 0.00	25.54 -0.39 0.00	29.77 -0.41 0.00	24.99 -0.31 0.00	30.78 -0.36 0.00	32.81 -0.45 0.00	29.02 -0.42 0.00	34.26 -0.54 0.00	36.84 -0.57 0.02	38.69 -0.60 -0.07	36.39 -0.63 0.00	37.34 -0.67 0.00	38.57 -0.69 0.00	43.41 -0.81 0.00	44.77 -0.89 0.00	43.68 -0.94 0.00	46.97 -1.00 0.00	59.99 -1.34 0.00	35.97 -0.81 0.00	32.22 -0.72 0.00	33.27 -0.72 0.00	29.34 -0.63 0.00	27.72 -0.53 0.00
E_CANADA_CAP_HY 24051	35.34 1.95 0.00	26.38 1.36 0.00	27.18 1.26 0.00	31.63 1.45 0.00	26.43 1.13 0.00	32.57 1.43 0.00	34.87 1.60 0.00	30.84 1.39 0.00	36.26 1.46 0.00	39.03 1.60 0.00	40.59 1.43 0.06	38.35 1.33 0.00	39.11 1.10 0.00	40.76 1.51 0.00	46.13 1.91 0.00	47.48 1.82 0.00	46.50 1.88 0.00	50.11 2.14 0.00	64.04 2.72 0.00	38.35 1.57 0.00	34.33 1.38 0.00	35.61 1.62 0.00	31.37 1.40 0.00	29.60 1.34 0.00
E_CANADA_MHWK_HY 24050	33.76 0.37 0.00	25.32 0.29 0.00	26.29 0.36 0.00	30.56 0.39 0.00	25.76 0.45 0.00	31.80 0.66 0.00	34.16 0.89 0.00	30.30 0.85 0.00	35.73 0.93 0.00	38.39 0.96 0.00	39.98 0.76 0.00	37.69 0.68 0.00	38.85 0.84 0.00	40.24 0.98 0.00	45.27 1.05 0.00	46.78 1.12 0.00	45.93 1.31 0.00	49.44 1.47 0.00	63.06 1.73 0.00	37.76 0.97 0.00	33.78 0.84 0.00	34.67 0.69 0.00	30.59 0.61 0.00	28.74 0.49 0.00
E_FISHKILL__LBMP 23776	35.02 1.64 0.00	26.24 1.21 0.00	27.19 1.26 0.00	31.67 1.49 0.00	26.64 1.34 0.00	32.89 1.75 0.00	35.40 2.13 0.00	31.44 1.99 0.00	37.29 2.49 0.00	40.14 2.72 0.00	45.24 2.82 -3.19	39.84 2.76 -0.07	41.13 2.89 -0.23	42.05 2.79 0.00	47.31 3.09 0.00	48.87 3.21 0.00	47.86 3.24 0.00	51.46 3.49 0.00	65.66 4.33 0.00	39.43 2.65 0.00	35.23 2.29 0.00	36.19 2.21 0.00	31.86 1.89 0.00	29.85 1.60 0.00
FALCON__SEABRD_CC1 323796	33.37 -0.01 0.00	25.01 -0.02 0.00	25.04 -0.89 0.00	28.00 -2.18 0.00	23.08 -2.22 0.00	28.32 -2.82 0.00	30.00 -3.26 0.00	26.79 -2.66 0.00	31.44 -3.36 0.00	32.67 -3.84 0.92	35.42 -3.80 0.00	33.39 -3.63 0.00	34.50 -3.51 0.00	36.84 -2.41 0.00	42.28 -1.94 0.00	43.99 -1.67 0.00	43.43 -1.19 0.00	46.85 -1.13 0.00	60.20 -1.12 0.00	36.31 -0.47 0.00	32.31 -0.63 0.00	34.14 0.16 0.00	30.36 0.38 0.00	28.55 0.29 0.00

FALCON___SEABRD_CC2 323797	33.37 -0.01 0.00	25.01 -0.02 0.00	25.04 -0.89 0.00	28.00 -2.18 0.00	23.08 -2.22 0.00	28.32 -2.82 0.00	30.00 -3.26 0.00	26.79 -2.66 0.00	31.44 -3.36 0.00	32.67 -3.84 0.92	35.42 -3.80 0.00	33.39 -3.63 0.00	34.50 -3.51 0.00	36.84 -2.41 0.00	42.28 -1.94 0.00	43.99 -1.67 0.00	43.43 -1.19 0.00	46.85 -1.13 0.00	60.20 -1.12 0.00	36.31 -0.47 0.00	32.31 -0.63 0.00	34.14 0.16 0.00	30.36 0.38 0.00	28.55 0.29 0.00
FAR ROCKAWAY___4 23548	37.07 2.35 -1.33	26.69 1.67 0.00	27.71 1.78 0.00	32.22 2.05 0.00	27.10 1.80 0.00	33.57 2.43 0.00	36.10 2.84 0.00	31.99 2.54 0.00	38.11 3.30 0.00	41.05 3.62 0.00	80.72 4.15 -37.35	87.71 4.02 -46.67	89.86 4.20 -47.65	67.84 4.18 -24.40	86.63 4.53 -37.88	84.18 4.59 -33.93	86.68 4.35 -37.72	108.22 4.69 -55.56	93.60 6.18 -26.10	128.89 3.78 -88.33	36.18 3.23 0.00	37.17 3.19 0.00	34.24 2.87 -1.40	30.74 2.48 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.47 2.08 0.00	26.53 1.51 0.00	27.48 1.55 0.00	32.00 1.82 0.00	26.94 1.64 0.00	33.27 2.13 0.00	35.86 2.59 0.00	31.87 2.42 0.00	37.85 3.05 0.00	40.79 3.37 0.00	45.56 3.57 -2.77	40.63 3.53 -0.08	41.98 3.69 -0.28	42.81 3.56 0.00	48.16 3.94 0.00	49.73 4.08 0.00	48.68 4.06 0.00	52.34 4.37 0.00	66.78 5.46 0.00	40.14 3.36 0.00	35.84 2.90 0.00	36.84 2.85 0.00	32.39 2.42 0.00	30.29 2.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.49 2.10 0.00	26.54 1.52 0.00	27.48 1.56 0.00	32.02 1.84 0.00	26.95 1.65 0.00	33.29 2.14 0.00	35.87 2.61 0.00	31.89 2.44 0.00	37.87 3.07 0.00	40.80 3.38 0.00	45.58 3.59 -2.77	40.64 3.54 -0.08	42.00 3.71 -0.28	42.84 3.59 0.00	48.18 3.96 0.00	49.76 4.10 0.00	48.71 4.09 0.00	52.37 4.39 0.00	66.81 5.49 0.00	40.18 3.39 0.00	35.87 2.93 0.00	36.85 2.86 0.00	32.40 2.43 0.00	30.30 2.05 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.45 2.07 0.00	26.52 1.50 0.00	27.47 1.54 0.00	31.99 1.81 0.00	26.93 1.63 0.00	33.26 2.12 0.00	35.84 2.58 0.00	31.86 2.41 0.00	37.84 3.04 0.00	40.77 3.35 0.00	45.55 3.55 -2.77	40.61 3.51 -0.08	41.96 3.67 -0.28	42.80 3.55 0.00	48.14 3.92 0.00	49.72 4.06 0.00	48.66 4.04 0.00	52.32 4.34 0.00	66.75 5.42 0.00	40.13 3.34 0.00	35.83 2.88 0.00	36.81 2.82 0.00	32.37 2.40 0.00	30.27 2.01 0.00
FARRAGUT___LBMP 323566	35.43 2.04 0.00	26.50 1.48 0.00	27.45 1.52 0.00	31.96 1.79 0.00	26.91 1.61 0.00	33.24 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.00 0.00	40.74 3.31 0.00	45.51 3.51 -2.77	40.57 3.47 -0.08	41.92 3.63 -0.28	42.76 3.51 0.00	48.09 3.88 0.00	49.67 4.01 0.00	48.62 4.00 0.00	52.27 4.29 0.00	66.69 5.36 0.00	40.10 3.32 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.36 2.39 0.00	30.24 1.99 0.00
FENNER___WINDPWR 24204	34.02 0.64 0.00	25.45 0.42 0.00	26.38 0.45 0.00	30.71 0.53 0.00	25.80 0.50 0.00	31.85 0.71 0.00	33.99 0.72 0.00	30.06 0.61 0.00	35.54 0.74 0.00	38.86 0.82 -0.61	40.15 0.82 -0.10	37.74 0.74 0.01	38.70 0.73 0.04	39.92 0.67 0.00	44.99 0.77 0.00	46.38 0.72 0.00	45.33 0.71 0.00	48.74 0.76 0.00	62.38 1.05 0.00	37.40 0.62 0.00	33.46 0.52 0.00	34.56 0.58 0.00	30.49 0.52 0.00	28.71 0.46 0.00
FIBERTEK___ENERGY 23856	33.27 -0.12 0.00	24.89 -0.14 0.00	25.78 -0.14 0.00	30.07 -0.11 0.00	25.26 -0.04 0.00	31.14 0.00 0.00	33.24 -0.02 0.00	29.42 -0.03 0.00	34.75 -0.05 0.00	37.36 -0.06 0.02	39.22 -0.09 -0.09	36.90 -0.12 0.00	37.84 -0.17 0.00	39.09 -0.16 0.00	44.03 -0.19 0.00	45.41 -0.25 0.00	44.29 -0.32 0.00	47.65 -0.32 0.00	60.82 -0.50 0.00	36.45 -0.33 0.00	32.64 -0.31 0.00	33.68 -0.31 0.00	29.71 -0.27 0.00	28.07 -0.18 0.00
FITZPATRICK____ 23598	32.46 -0.92 0.00	24.32 -0.70 0.00	25.20 -0.73 0.00	29.35 -0.83 0.00	24.63 -0.67 0.00	30.31 -0.84 0.00	32.26 -1.00 0.00	28.51 -0.94 0.00	33.64 -1.16 0.00	36.19 -1.24 0.00	37.97 -1.31 -0.05	35.74 -1.27 0.00	36.68 -1.33 0.00	37.90 -1.36 0.00	42.67 -1.55 0.00	44.04 -1.62 0.00	42.99 -1.63 0.00	46.25 -1.73 0.00	59.06 -2.26 0.00	35.42 -1.37 0.00	31.72 -1.22 0.00	32.75 -1.24 0.00	28.91 -1.07 0.00	27.32 -0.94 0.00
FLOWRFLD_69_KV_BK1 356044	35.15 1.99 0.23	26.46 1.43 0.00	27.56 1.63 0.00	31.96 1.79 0.00	26.91 1.61 0.00	33.40 2.26 0.00	35.77 2.51 0.00	31.66 2.21 0.00	37.81 3.01 0.00	40.75 3.32 0.00	48.44 4.16 -5.05	44.20 3.94 -3.25	45.60 4.12 -3.48	44.32 4.02 -1.04	51.22 4.44 -2.56	52.46 4.52 -2.29	52.21 4.47 -3.12	62.44 4.72 -9.75	87.65 5.84 -20.49	54.11 3.68 -13.65	35.90 2.95 0.00	37.01 2.92 -0.10	33.73 2.88 -0.87	30.72 2.47 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.40 2.01 0.00	26.51 1.48 0.00	27.47 1.54 0.00	32.00 1.82 0.00	26.91 1.61 0.00	33.24 2.10 0.00	35.82 2.56 0.00	31.86 2.40 0.00	37.80 3.00 0.00	40.70 3.27 0.00	44.48 3.47 -1.79	40.47 3.38 -0.07	41.80 3.53 -0.25	42.71 3.46 0.00	48.07 3.85 0.00	49.67 4.01 0.00	48.65 4.03 0.00	52.32 4.35 0.00	66.80 5.48 0.00	40.10 3.32 0.00	35.80 2.85 0.00	36.75 2.76 0.00	32.31 2.34 0.00	30.27 2.02 0.00
FORT ORANGE____ 23900	34.02 0.64 0.00	25.61 0.58 0.00	26.58 0.66 0.00	30.92 0.75 0.00	25.95 0.65 0.00	31.87 0.72 0.00	34.18 0.92 0.00	30.34 0.88 0.00	35.92 1.12 0.00	38.60 1.18 0.16	40.30 1.24 -0.02	38.24 1.20 -0.08	39.34 1.25 0.00	40.50 1.24 0.00	45.60 1.38 0.00	47.14 1.48 0.00	46.15 1.53 0.00	49.55 1.58 0.00	63.37 2.05 0.00	38.00 1.21 0.00	34.06 1.12 0.00	35.04 1.05 0.00	30.83 0.85 0.00	28.97 0.72 0.00
FORT_DRUM_COGEN 23780	34.12 0.73 0.00	25.27 0.24 0.00	26.12 0.19 0.00	30.29 0.11 0.00	25.12 -0.18 0.00	30.80 -0.34 0.00	32.47 -0.79 0.00	28.84 -0.61 0.00	34.05 -0.75 0.00	36.35 -0.88 0.20	38.34 -0.89 0.00	36.14 -0.87 0.00	36.88 -1.14 0.00	37.56 -1.69 0.00	42.13 -2.08 0.00	44.18 -1.47 0.00	43.46 -1.16 0.00	46.96 -1.02 0.00	60.38 -0.95 0.00	36.12 -0.66 0.00	32.77 -0.17 0.00	34.29 0.30 0.00	30.11 0.13 0.00	28.09 -0.17 0.00
FOX_HILLS___ESR 323835	35.53 2.14 0.00	26.55 1.53 0.00	27.49 1.56 0.00	32.01 1.84 0.00	26.95 1.65 0.00	33.28 2.14 0.00	35.93 2.67 0.00	31.91 2.46 0.00	37.89 3.09 0.00	40.79 3.36 0.00	45.53 3.53 -2.77	40.64 3.54 -0.08	41.99 3.71 -0.28	42.84 3.59 0.00	48.20 3.98 0.00	49.79 4.13 0.00	48.70 4.08 0.00	52.35 4.37 0.00	66.81 5.49 0.00	40.16 3.37 0.00	35.82 2.87 0.00	36.75 2.76 0.00	32.30 2.33 0.00	30.23 1.98 0.00
FPL FAR_ROCK_GT1 24212	37.07 2.35 -1.33	26.69 1.67 0.00	27.71 1.78 0.00	32.22 2.05 0.00	27.10 1.80 0.00	33.57 2.43 0.00	36.11 2.84 0.00	31.99 2.54 0.00	38.10 3.30 0.00	41.06 3.63 0.00	80.72 4.15 -37.35	87.72 4.04 -46.67	89.86 4.20 -47.65	67.85 4.19 -24.40	86.63 4.54 -37.88	84.17 4.57 -33.93	86.68 4.34 -37.72	108.22 4.69 -55.56	93.60 6.17 -26.10	128.88 3.76 -88.33	36.17 3.23 0.00	37.17 3.18 0.00	34.25 2.87 -1.40	30.74 2.48 0.00



FPL FAR_ROCK_GT2 23815	37.07 2.35 -1.33	26.69 1.67 0.00	27.71 1.78 0.00	32.22 2.05 0.00	27.10 1.80 0.00	33.57 2.43 0.00	36.11 2.84 0.00	31.99 2.54 0.00	38.10 3.30 0.00	41.06 3.63 0.00	80.72 4.15 -37.35	87.72 4.04 -46.67	89.86 4.20 -47.65	67.85 4.19 -24.40	86.63 4.54 -37.88	84.17 4.57 -33.93	86.68 4.34 -37.72	108.22 4.69 -55.56	93.60 6.17 -26.10	128.88 3.76 -88.33	36.17 3.23 0.00	37.17 3.18 0.00	34.25 2.87 -1.40	30.74 2.48 0.00
FRANKLIN_FALL_HYD 24054	33.42 0.03 0.00	24.96 -0.07 0.00	25.03 -0.90 0.00	28.12 -2.06 0.00	23.15 -2.15 0.00	28.40 -2.75 0.00	30.15 -3.12 0.00	26.85 -2.60 0.00	31.54 -3.26 0.00	32.87 -3.69 0.86	35.66 -3.57 0.00	33.61 -3.41 0.00	34.69 -3.32 0.00	36.91 -2.35 0.00	42.13 -2.09 0.00	43.74 -1.92 0.00	43.21 -1.40 0.00	46.73 -1.24 0.00	60.07 -1.25 0.00	36.17 -0.61 0.00	32.26 -0.68 0.00	34.04 0.06 0.00	30.18 0.20 0.00	28.37 0.11 0.00
FREEPORT_EQUS_GT1 23764	35.82 2.09 -0.35	26.50 1.48 0.00	27.53 1.60 0.00	31.99 1.82 0.00	26.92 1.62 0.00	33.36 2.22 0.00	35.88 2.62 0.00	31.79 2.34 0.00	37.87 3.07 0.00	40.78 3.36 0.00	60.41 3.92 -17.26	58.98 3.78 -18.19	60.48 3.94 -18.53	52.10 3.87 -8.98	62.95 4.14 -14.59	62.76 4.03 -13.07	63.10 4.00 -14.49	76.00 4.30 -23.73	88.68 5.65 -21.71	89.98 3.54 -49.66	35.95 3.01 0.00	36.94 2.95 0.00	33.85 2.71 -1.16	30.59 2.33 0.00
FREEPORT___CT2 23818	35.82 2.09 -0.35	26.50 1.48 0.00	27.53 1.60 0.00	31.99 1.82 0.00	26.92 1.62 0.00	33.36 2.22 0.00	35.88 2.62 0.00	31.79 2.34 0.00	37.87 3.07 0.00	40.78 3.36 0.00	60.41 3.92 -17.26	58.98 3.78 -18.19	60.48 3.94 -18.53	52.10 3.87 -8.98	62.95 4.14 -14.59	62.76 4.03 -13.07	63.10 4.00 -14.49	76.00 4.30 -23.73	88.68 5.65 -21.71	89.98 3.54 -49.66	35.95 3.01 0.00	36.94 2.95 0.00	33.85 2.71 -1.16	30.59 2.33 0.00
FRESHKLS_33_KV_LOAD 356253	35.51 2.13 0.00	26.54 1.51 0.00	27.49 1.56 0.00	32.01 1.83 0.00	26.94 1.64 0.00	33.27 2.13 0.00	35.94 2.68 0.00	31.91 2.46 0.00	37.87 3.07 0.00	40.75 3.33 0.00	45.46 3.46 -2.77	40.58 3.48 -0.08	41.95 3.66 -0.28	42.79 3.54 0.00	48.15 3.93 0.00	49.74 4.08 0.00	48.66 4.04 0.00	52.32 4.34 0.00	66.78 5.46 0.00	40.11 3.33 0.00	35.76 2.82 0.00	36.69 2.70 0.00	32.24 2.27 0.00	30.18 1.93 0.00
FULTON COGEN____ 23766	32.86 -0.53 0.00	24.59 -0.44 0.00	25.49 -0.44 0.00	29.71 -0.47 0.00	24.95 -0.35 0.00	30.73 -0.41 0.00	32.76 -0.50 0.00	28.98 -0.47 0.00	34.20 -0.60 0.00	36.78 -0.62 0.02	38.64 -0.65 -0.07	36.34 -0.68 0.00	37.26 -0.76 0.00	38.45 -0.80 0.00	43.28 -0.94 0.00	44.62 -1.04 0.00	43.54 -1.07 0.00	46.86 -1.11 0.00	59.83 -1.50 0.00	35.87 -0.91 0.00	32.13 -0.81 0.00	33.16 -0.83 0.00	29.25 -0.73 0.00	27.63 -0.62 0.00
FULTON___LFGE 323630	35.37 1.99 0.00	26.45 1.42 0.00	27.31 1.38 0.00	31.79 1.61 0.00	26.60 1.30 0.00	32.81 1.66 0.00	35.21 1.95 0.00	31.23 1.78 0.00	36.76 1.95 0.00	39.52 2.09 0.00	41.08 1.97 0.11	38.85 1.82 -0.01	39.75 1.70 -0.04	41.21 1.96 0.00	46.61 2.40 0.00	48.17 2.51 0.00	47.26 2.64 0.00	50.90 2.93 0.00	65.05 3.73 0.00	38.95 2.17 0.00	34.84 1.89 0.00	35.98 1.99 0.00	31.66 1.68 0.00	29.80 1.55 0.00
G.F.CEMENT___DRP 24184	35.52 2.14 0.00	26.74 1.72 0.00	27.77 1.84 0.00	32.37 2.19 0.00	27.03 1.73 0.00	33.16 2.02 0.00	35.47 2.21 0.00	31.50 2.05 0.00	37.17 2.37 0.00	39.94 2.52 0.00	41.36 2.32 0.18	39.03 1.99 -0.02	40.14 2.06 -0.07	41.25 2.00 0.00	46.40 2.19 0.00	48.26 2.60 0.00	47.35 2.73 0.00	50.80 2.83 0.00	64.96 3.64 0.00	38.87 2.09 0.00	34.67 1.73 0.00	35.78 1.80 0.00	31.57 1.60 0.00	29.63 1.37 0.00
GARDENVILLE___LBMP 24039	32.49 -0.90 0.00	24.12 -0.90 0.00	24.99 -0.94 0.00	29.52 -0.66 0.00	24.61 -0.69 0.00	30.34 -0.80 0.00	32.14 -1.13 0.00	28.33 -1.12 0.00	33.38 -1.43 0.00	34.97 -1.47 0.99	37.68 -1.67 -0.12	34.82 -2.19 0.01	35.08 -2.47 0.45	37.15 -2.11 0.00	41.93 -2.29 0.00	43.05 -2.61 0.00	41.63 -2.98 0.00	44.90 -3.08 0.00	57.08 -4.25 0.00	34.31 -2.48 0.00	30.58 -2.36 0.00	32.18 -1.80 0.00	28.52 -1.46 0.00	27.31 -0.94 0.00
GARDNVLA_35_KV_LD 355827	32.64 -0.74 0.00	24.22 -0.80 0.00	25.09 -0.83 0.00	29.66 -0.52 0.00	24.73 -0.57 0.00	30.50 -0.64 0.00	32.31 -0.95 0.00	28.49 -0.96 0.00	33.56 -1.24 0.00	35.19 -1.26 0.98	37.91 -1.44 -0.12	35.02 -1.98 0.01	35.69 -2.28 0.04	37.38 -1.87 0.00	42.19 -2.02 0.00	43.31 -2.35 0.00	41.88 -2.74 0.00	45.18 -2.80 0.00	57.42 -3.90 0.00	34.52 -2.27 0.00	30.76 -2.19 0.00	32.37 -1.62 0.00	28.67 -1.30 0.00	27.45 -0.80 0.00
GELCKHM___115KV_LOAD 80723	33.06 -0.33 0.00	24.73 -0.30 0.00	25.63 -0.30 0.00	29.89 -0.29 0.00	25.09 -0.21 0.00	30.91 -0.23 0.00	32.98 -0.28 0.00	29.17 -0.28 0.00	34.44 -0.36 0.00	37.03 -0.38 0.02	38.89 -0.41 -0.08	36.58 -0.43 0.00	37.53 -0.48 0.00	38.76 -0.49 0.00	43.64 -0.57 0.00	45.00 -0.66 0.00	43.91 -0.71 0.00	47.24 -0.73 0.00	60.31 -1.01 0.00	36.16 -0.63 0.00	32.38 -0.56 0.00	33.43 -0.56 0.00	29.49 -0.49 0.00	27.86 -0.40 0.00
GENERAL___MILLS 23808	32.60 -0.79 0.00	24.20 -0.83 0.00	25.07 -0.86 0.00	29.63 -0.55 0.00	24.70 -0.60 0.00	30.46 -0.68 0.00	32.27 -0.99 0.00	28.45 -1.00 0.00	33.52 -1.29 0.00	35.13 -1.32 0.98	37.84 -1.50 -0.12	34.97 -2.04 0.01	35.64 -2.33 0.04	37.31 -1.94 0.00	42.11 -2.11 0.00	43.23 -2.43 0.00	41.81 -2.81 0.00	45.09 -2.88 0.00	57.33 -4.00 0.00	34.45 -2.33 0.00	30.71 -2.23 0.00	32.31 -1.67 0.00	28.63 -1.35 0.00	27.42 -0.83 0.00
GE_PLASTICS___DRP 24183	33.95 0.57 0.00	25.54 0.51 0.00	26.50 0.57 0.00	30.84 0.66 0.00	25.87 0.57 0.00	31.79 0.65 0.00	34.08 0.81 0.00	30.22 0.77 0.00	35.78 0.98 0.00	38.46 1.04 0.00	40.15 1.10 0.17	38.12 1.08 -0.02	39.20 1.12 -0.08	40.35 1.09 0.00	45.43 1.21 0.00	46.94 1.28 0.00	45.93 1.31 0.00	49.32 1.35 0.00	63.08 1.76 0.00	37.85 1.06 0.00	33.92 0.97 0.00	34.90 0.91 0.00	30.73 0.76 0.00	28.90 0.65 0.00
GILBOA___1 23756	34.10 0.71 0.00	25.59 0.56 0.00	26.57 0.64 0.00	30.98 0.80 0.00	25.92 0.62 0.00	31.92 0.78 0.00	34.22 0.96 0.00	30.31 0.86 0.00	35.91 1.11 0.00	38.63 1.20 0.00	40.52 1.30 0.00	38.32 1.30 0.00	39.37 1.36 0.00	40.60 1.35 0.00	45.69 1.48 0.00	47.17 1.51 0.00	46.05 1.43 0.00	49.41 1.44 0.00	63.26 1.94 0.00	37.97 1.19 0.00	34.05 1.11 0.00	35.05 1.06 0.00	30.88 0.91 0.00	29.06 0.80 0.00
GILBOA___2 23757	34.10 0.71 0.00	25.59 0.56 0.00	26.57 0.64 0.00	30.98 0.80 0.00	25.92 0.62 0.00	31.92 0.78 0.00	34.22 0.96 0.00	30.31 0.86 0.00	35.91 1.11 0.00	38.63 1.20 0.00	40.52 1.30 0.00	38.32 1.30 0.00	39.37 1.36 0.00	40.60 1.35 0.00	45.69 1.48 0.00	47.17 1.51 0.00	46.05 1.43 0.00	49.41 1.44 0.00	63.26 1.94 0.00	37.97 1.19 0.00	34.05 1.11 0.00	35.05 1.06 0.00	30.88 0.91 0.00	29.06 0.80 0.00

GILBOA___3 23758	34.10 0.71 0.00	25.59 0.56 0.00	26.57 0.64 0.00	30.98 0.80 0.00	25.92 0.62 0.00	31.92 0.78 0.00	34.22 0.96 0.00	30.31 0.86 0.00	35.91 1.11 0.00	38.63 1.20 0.00	40.52 1.30 0.00	38.32 1.30 0.00	39.37 1.36 0.00	40.60 1.35 0.00	45.69 1.48 0.00	47.17 1.51 0.00	46.05 1.43 0.00	49.41 1.44 0.00	63.26 1.94 0.00	37.97 1.19 0.00	34.05 1.11 0.00	35.05 1.06 0.00	30.88 0.91 0.00	29.06 0.80 0.00
GILBOA___4 23759	34.10 0.71 0.00	25.59 0.56 0.00	26.57 0.64 0.00	30.98 0.80 0.00	25.92 0.62 0.00	31.92 0.78 0.00	34.22 0.96 0.00	30.31 0.86 0.00	35.91 1.11 0.00	38.63 1.20 0.00	40.52 1.30 0.00	38.32 1.30 0.00	39.37 1.36 0.00	40.60 1.35 0.00	45.69 1.48 0.00	47.17 1.51 0.00	46.05 1.43 0.00	49.41 1.44 0.00	63.26 1.94 0.00	37.97 1.19 0.00	34.05 1.11 0.00	35.05 1.06 0.00	30.88 0.91 0.00	29.06 0.80 0.00
GILBOA___ 23599	34.09 0.71 0.00	25.59 0.56 0.00	26.57 0.64 0.00	30.98 0.80 0.00	25.92 0.62 0.00	31.92 0.78 0.00	34.22 0.96 0.00	30.31 0.86 0.00	35.91 1.11 0.00	38.63 1.21 0.00	40.52 1.30 0.00	38.32 1.30 0.00	39.37 1.36 0.00	40.60 1.34 0.00	45.70 1.48 0.00	47.17 1.51 0.00	46.05 1.42 0.00	49.41 1.44 0.00	63.26 1.94 0.00	37.97 1.19 0.00	34.05 1.11 0.00	35.04 1.06 0.00	30.88 0.91 0.00	29.06 0.80 0.00
GINNA___ 23603	31.32 -2.07 0.00	23.37 -1.65 0.00	24.22 -1.71 0.00	28.41 -1.77 0.00	23.78 -1.52 0.00	29.32 -1.82 0.00	31.24 -2.02 0.00	27.63 -1.82 0.00	32.59 -2.20 0.00	34.59 -2.33 0.51	36.84 -2.48 -0.09	34.38 -2.64 0.00	35.20 -2.80 0.00	36.53 -2.72 0.00	41.21 -3.01 0.00	42.42 -3.24 0.00	41.28 -3.34 0.00	44.45 -3.53 0.00	56.62 -4.70 0.00	33.91 -2.87 0.00	30.28 -2.67 0.00	31.48 -2.51 0.00	27.77 -2.20 0.00	26.35 -1.91 0.00
GLEN PARK___ 23778	34.26 0.87 0.00	25.37 0.35 0.00	26.22 0.30 0.00	30.44 0.26 0.00	25.26 -0.04 0.00	31.02 -0.12 0.00	32.71 -0.55 0.00	29.06 -0.39 0.00	34.32 -0.48 0.00	36.63 -0.60 0.19	38.66 -0.61 -0.05	36.39 -0.63 0.00	37.12 -0.89 0.00	37.73 -1.52 0.00	42.25 -1.96 0.00	44.39 -1.27 0.00	43.69 -0.93 0.00	47.25 -0.73 0.00	60.74 -0.59 0.00	36.32 -0.46 0.00	32.94 -0.01 0.00	34.42 0.43 0.00	30.20 0.23 0.00	28.18 -0.07 0.00
GLENDALE_27_KV_LOAD 356172	35.60 2.21 0.00	26.61 1.58 0.00	27.55 1.62 0.00	32.09 1.91 0.00	27.02 1.72 0.00	33.35 2.21 0.00	35.97 2.71 0.00	31.98 2.53 0.00	38.00 3.20 0.00	40.96 3.53 0.00	45.71 3.72 -2.77	40.79 3.69 -0.08	42.14 3.85 -0.28	42.99 3.74 0.00	48.36 4.14 0.00	49.92 4.26 0.00	48.89 4.27 0.00	52.54 4.57 0.00	67.03 5.71 0.00	40.33 3.55 0.00	36.02 3.08 0.00	36.98 3.00 0.00	32.51 2.53 0.00	30.41 2.16 0.00
GLENWOOD_IC_1_G5 23712	35.65 2.09 -0.17	26.54 1.51 0.00	27.52 1.59 0.00	32.03 1.86 0.00	26.95 1.65 0.00	33.34 2.20 0.00	35.89 2.62 0.00	31.85 2.40 0.00	37.87 3.07 0.00	40.79 3.36 0.00	59.88 3.73 -16.93	56.10 3.62 -15.46	57.59 3.79 -15.79	50.37 3.70 -7.42	60.68 4.07 -12.40	60.92 4.15 -11.11	61.06 4.11 -12.33	74.40 4.39 -22.03	94.83 5.57 -27.94	104.12 3.42 -63.92	35.87 2.92 0.00	36.84 2.86 0.00	34.02 2.54 -1.50	30.43 2.17 -0.01
GLENWOOD_IC_2_G1 23688	35.38 2.00 0.00	26.47 1.44 0.00	27.43 1.51 0.00	31.94 1.76 0.00	26.88 1.58 0.00	33.23 2.09 0.00	35.77 2.51 0.00	31.76 2.31 0.00	37.72 2.92 0.00	40.63 3.20 0.00	45.47 3.48 -2.77	40.49 3.39 -0.08	41.84 3.55 -0.28	42.71 3.45 0.00	48.01 3.80 0.00	49.56 3.90 0.00	48.51 3.88 0.00	52.66 4.16 -0.52	67.76 5.24 -1.20	42.74 3.22 -2.74	35.71 2.77 0.00	36.68 2.69 0.00	32.40 2.36 -0.06	30.26 2.01 0.00
GLENWOOD_IC_3_G1 23689	35.38 2.00 0.00	26.47 1.44 0.00	27.43 1.51 0.00	31.94 1.76 0.00	26.88 1.58 0.00	33.23 2.09 0.00	35.77 2.51 0.00	31.76 2.31 0.00	37.72 2.92 0.00	40.63 3.20 0.00	45.47 3.48 -2.77	40.49 3.39 -0.08	41.84 3.55 -0.28	42.71 3.45 0.00	48.01 3.80 0.00	49.56 3.90 0.00	48.51 3.88 0.00	52.66 4.16 -0.52	67.76 5.24 -1.20	42.74 3.22 -2.74	35.71 2.77 0.00	36.68 2.69 0.00	32.40 2.36 -0.06	30.26 2.01 0.00
GLENWOOD___4 23550	35.65 2.09 -0.17	26.54 1.51 0.00	27.52 1.59 0.00	32.03 1.86 0.00	26.95 1.65 0.00	33.34 2.20 0.00	35.89 2.62 0.00	31.85 2.40 0.00	37.87 3.07 0.00	40.79 3.36 0.00	59.88 3.73 -16.93	56.10 3.62 -15.46	57.59 3.79 -15.79	50.37 3.70 -7.42	60.68 4.07 -12.40	60.92 4.15 -11.11	61.06 4.11 -12.33	74.40 4.39 -22.03	94.83 5.57 -27.94	104.12 3.42 -63.92	35.87 2.92 0.00	36.84 2.86 0.00	34.02 2.54 -1.50	30.43 2.17 -0.01
GLENWOOD___5 23614	35.65 2.09 -0.17	26.54 1.51 0.00	27.52 1.59 0.00	32.03 1.86 0.00	26.95 1.65 0.00	33.34 2.20 0.00	35.89 2.62 0.00	31.85 2.40 0.00	37.87 3.07 0.00	40.79 3.36 0.00	59.88 3.73 -16.93	56.10 3.62 -15.46	57.59 3.79 -15.79	50.37 3.70 -7.42	60.68 4.07 -12.40	60.92 4.15 -11.11	61.06 4.11 -12.33	74.40 4.39 -22.03	94.83 5.57 -27.94	104.12 3.42 -63.92	35.87 2.92 0.00	36.84 2.86 0.00	34.02 2.54 -1.50	30.43 2.17 -0.01
GLOBAL GREEN_PORT_GT1 23814	34.39 1.23 0.24	25.84 0.81 0.00	27.00 1.07 0.00	31.30 1.13 0.00	26.38 1.08 0.00	32.84 1.69 0.00	35.09 1.83 0.00	31.10 1.66 0.00	37.25 2.45 0.00	40.21 2.79 0.00	47.92 3.74 -4.96	43.80 3.67 -3.12	45.43 4.07 -3.35	44.66 4.43 -0.98	52.24 5.57 -2.46	53.75 5.89 -2.20	46.27 5.48 3.82	26.40 5.33 26.91	38.39 6.36 29.30	54.12 3.99 -13.34	35.99 3.05 0.00	36.41 3.48 1.06	34.56 3.72 -0.87	31.47 3.21 0.00
GLOBE___DSASP 323697	31.41 -1.97 0.00	23.37 -1.65 0.00	24.24 -1.69 0.00	28.70 -1.47 0.00	23.89 -1.41 0.00	29.35 -1.79 0.00	30.99 -2.28 0.00	27.26 -2.19 0.00	32.08 -2.72 0.00	33.73 -2.85 0.85	36.20 -3.13 -0.11	33.36 -3.64 0.01	33.97 -4.00 0.04	35.53 -3.73 0.00	40.15 -4.07 0.00	41.18 -4.48 0.00	39.83 -4.79 0.00	42.93 -5.04 0.00	54.60 -6.72 0.00	32.77 -4.01 0.00	29.25 -3.69 0.00	30.90 -3.09 0.00	27.43 -2.54 0.00	26.32 -1.94 0.00
GOETHSLN___LBMP 323567	35.43 2.04 0.00	26.49 1.46 0.00	27.43 1.50 0.00	31.94 1.77 0.00	26.91 1.60 0.00	33.22 2.08 0.00	35.82 2.56 0.00	31.83 2.38 0.00	37.78 2.98 0.00	40.70 3.27 0.00	45.46 3.47 -2.77	40.53 3.43 -0.08	41.89 3.60 -0.28	42.73 3.48 0.00	48.06 3.85 0.00	49.65 3.99 0.00	48.59 3.97 0.00	52.26 4.29 0.00	66.67 5.35 0.00	40.07 3.29 0.00	35.75 2.80 0.00	36.71 2.72 0.00	32.28 2.31 0.00	30.19 1.94 0.00
GOLAH___69_KV_TB 1_2 80279	32.86 -0.53 0.00	24.48 -0.55 0.00	25.45 -0.48 0.00	29.90 -0.28 0.00	24.98 -0.32 0.00	30.80 -0.34 0.00	32.71 -0.55 0.00	28.93 -0.52 0.00	34.10 -0.70 0.00	36.13 -0.71 0.58	38.53 -0.79 -0.10	35.81 -1.21 0.00	36.63 -1.38 0.00	38.09 -1.17 0.00	42.98 -1.24 0.00	44.19 -1.47 0.00	42.93 -1.69 0.00	46.28 -1.70 0.00	58.91 -2.41 0.00	35.30 -1.48 0.00	31.47 -1.47 0.00	32.84 -1.15 0.00	29.00 -0.97 0.00	27.58 -0.67 0.00

GOODYEAR_LAKE_HYD 323669	34.66 1.27 0.00	25.90 0.87 0.00	26.79 0.86 0.00	31.16 0.98 0.00	26.05 0.75 0.00	32.23 1.09 0.00	34.56 1.30 0.00	30.67 1.22 0.00	36.26 1.46 0.00	39.05 1.62 0.00	41.09 1.62 -0.24	38.58 1.59 0.03	39.56 1.64 0.09	41.44 2.19 0.00	46.75 2.53 0.00	48.27 2.61 0.00	46.85 2.23 0.00	50.34 2.36 0.00	64.32 3.00 0.00	38.54 1.76 0.00	34.48 1.54 0.00	35.51 1.52 0.00	31.31 1.34 0.00	29.49 1.24 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.73 0.34 0.00	25.14 0.11 0.00	26.06 0.14 0.00	30.39 0.21 0.00	25.56 0.26 0.00	31.65 0.51 0.00	33.76 0.50 0.00	29.92 0.48 0.00	35.34 0.53 0.00	37.78 0.54 0.19	40.05 0.59 -0.24	37.60 0.61 0.03	38.63 0.71 0.09	40.12 0.87 0.00	45.08 0.86 0.00	46.44 0.78 0.00	45.25 0.64 0.00	48.65 0.67 0.00	62.08 0.76 0.00	37.21 0.42 0.00	33.20 0.25 0.00	34.22 0.23 0.00	30.23 0.26 0.00	28.55 0.29 0.00
GOUDEY___7 23579	33.73 0.34 0.00	25.14 0.11 0.00	26.06 0.14 0.00	30.39 0.21 0.00	25.56 0.26 0.00	31.65 0.51 0.00	33.76 0.50 0.00	29.92 0.48 0.00	35.34 0.53 0.00	37.78 0.54 0.19	40.05 0.59 -0.24	37.60 0.61 0.03	38.63 0.71 0.09	40.12 0.87 0.00	45.08 0.86 0.00	46.44 0.78 0.00	45.25 0.64 0.00	48.65 0.67 0.00	62.08 0.76 0.00	37.21 0.42 0.00	33.20 0.25 0.00	34.22 0.23 0.00	30.23 0.26 0.00	28.55 0.29 0.00
GOUDEY___8 23580	33.73 0.34 0.00	25.14 0.11 0.00	26.06 0.14 0.00	30.39 0.21 0.00	25.56 0.26 0.00	31.65 0.51 0.00	33.76 0.50 0.00	29.92 0.48 0.00	35.34 0.53 0.00	37.78 0.54 0.19	40.05 0.59 -0.24	37.60 0.61 0.03	38.63 0.71 0.09	40.12 0.87 0.00	45.08 0.86 0.00	46.44 0.78 0.00	45.25 0.64 0.00	48.65 0.67 0.00	62.08 0.76 0.00	37.21 0.42 0.00	33.20 0.25 0.00	34.22 0.23 0.00	30.23 0.26 0.00	28.55 0.29 0.00
GOWANUS_GT1_1 24077	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00
GOWANUS_GT1_2 24078	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00
GOWANUS_GT1_3 24079	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00
GOWANUS_GT1_4 24080	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00
GOWANUS_GT1_5 24084	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00
GOWANUS_GT1_6 24111	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00
GOWANUS_GT1_7 24112	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00
GOWANUS_GT1_8 24113	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00
GOWANUS_GT2_1 24114	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.95 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.82 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT2_2 24115	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.95 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.82 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT2_3 24116	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.95 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.82 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00

GOWANUS_GT2_4 24117	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.95 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.82 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT2_5 24118	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.95 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.82 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT2_6 24119	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.95 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.82 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT2_7 24120	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.95 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.82 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT2_8 24121	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.95 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.82 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT3_1 24122	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
GOWANUS_GT3_2 24123	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
GOWANUS_GT3_3 24124	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
GOWANUS_GT3_4 24125	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
GOWANUS_GT3_5 24126	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
GOWANUS_GT3_6 24127	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
GOWANUS_GT3_7 24128	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
GOWANUS_GT3_8 24129	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
GOWANUS_GT4_1 24130	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.94 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.83 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT4_2 24131	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.94 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.83 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00

GOWANUS_GT4_3 24132	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.94 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.83 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT4_4 24133	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.94 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.83 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT4_5 24134	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.94 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.83 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT4_6 24135	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.94 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.83 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT4_7 24136	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.94 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.83 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GOWANUS_GT4_8 24137	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.94 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.83 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
GREENBSH_115KV_TB3 55895	33.84 0.46 0.00	25.48 0.46 0.00	26.46 0.53 0.00	30.76 0.58 0.00	25.82 0.52 0.00	31.70 0.56 0.00	33.98 0.72 0.00	30.14 0.69 0.00	35.71 0.90 0.00	38.36 0.93 0.00	40.01 0.98 0.19	38.01 0.97 -0.02	39.09 1.00 -0.08	40.23 0.98 0.00	45.30 1.08 0.00	46.82 1.16 0.00	45.81 1.19 0.00	49.19 1.22 0.00	62.93 1.60 0.00	37.74 0.96 0.00	33.83 0.89 0.00	34.80 0.81 0.00	30.64 0.66 0.00	28.79 0.54 0.00
GREENIDGE_115KV_TB5 80291	33.08 -0.30 0.00	24.56 -0.47 0.00	25.45 -0.48 0.00	29.78 -0.40 0.00	25.04 -0.26 0.00	31.07 -0.07 0.00	33.29 0.03 0.00	29.51 0.06 0.00	34.84 0.04 0.00	34.76 0.02 2.69	39.36 -0.02 -0.15	36.86 -0.14 0.02	37.87 -0.09 0.06	39.52 0.27 0.00	44.46 0.24 0.00	45.56 -0.10 0.00	44.19 -0.43 0.00	47.65 -0.33 0.00	60.83 -0.49 0.00	36.72 -0.06 0.00	32.56 -0.38 0.00	33.67 -0.32 0.00	29.76 -0.21 0.00	28.18 -0.07 0.00
GREENIDGE___3 23582	33.08 -0.30 0.00	24.56 -0.47 0.00	25.45 -0.48 0.00	29.78 -0.40 0.00	25.04 -0.26 0.00	31.07 -0.07 0.00	33.29 0.03 0.00	29.51 0.06 0.00	34.84 0.04 0.00	34.76 0.02 2.69	39.36 -0.02 -0.15	36.86 -0.14 0.02	37.87 -0.09 0.06	39.52 0.27 0.00	44.46 0.24 0.00	45.56 -0.10 0.00	44.19 -0.43 0.00	47.65 -0.33 0.00	60.83 -0.49 0.00	36.72 -0.06 0.00	32.56 -0.38 0.00	33.67 -0.32 0.00	29.76 -0.21 0.00	28.18 -0.07 0.00
GREENIDGE___4 23583	33.08 -0.30 0.00	24.56 -0.47 0.00	25.45 -0.48 0.00	29.78 -0.40 0.00	25.04 -0.26 0.00	31.07 -0.07 0.00	33.29 0.03 0.00	29.51 0.06 0.00	34.84 0.04 0.00	34.76 0.02 2.69	39.36 -0.02 -0.15	36.87 -0.13 0.02	37.87 -0.09 0.06	39.52 0.26 0.00	44.46 0.24 0.00	45.56 -0.10 0.00	44.19 -0.43 0.00	47.64 -0.33 0.00	60.83 -0.49 0.00	36.72 -0.06 0.00	32.56 -0.38 0.00	33.67 -0.32 0.00	29.77 -0.21 0.00	28.18 -0.08 0.00
GREENLWN_69_KV_BK 3 55738	34.91 1.74 0.22	26.26 1.24 0.00	27.31 1.38 0.00	31.72 1.55 0.00	26.70 1.40 0.00	33.10 1.95 0.00	35.52 2.25 0.00	31.40 1.95 0.00	37.44 2.64 0.00	40.35 2.92 0.00	48.14 3.59 -5.32	44.09 3.41 -3.66	45.44 3.53 -3.89	43.91 3.39 -1.26	50.75 3.64 -2.89	51.84 3.59 -2.59	51.04 3.55 -2.88	58.79 3.66 -7.16	82.52 4.62 -16.58	54.20 2.92 -14.50	35.34 2.40 0.00	36.39 2.40 0.00	33.25 2.39 -0.89	30.30 2.05 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00
GRISSOM___SOLAR 323813	35.30 1.91 0.00	26.42 1.39 0.00	27.29 1.36 0.00	31.77 1.59 0.00	26.59 1.29 0.00	32.79 1.65 0.00	35.20 1.93 0.00	31.23 1.78 0.00	36.77 1.97 0.00	39.51 2.08 0.00	41.06 1.95 0.11	38.84 1.81 -0.01	39.79 1.73 -0.04	41.18 1.93 0.00	46.58 2.36 0.00	48.17 2.51 0.00	47.25 2.63 0.00	50.89 2.92 0.00	65.04 3.72 0.00	38.95 2.17 0.00	34.83 1.89 0.00	35.94 1.96 0.00	31.64 1.67 0.00	29.77 1.52 0.00
GROVEVILLE___HYD 323602	35.40 2.01 0.00	26.51 1.48 0.00	27.47 1.54 0.00	32.00 1.82 0.00	26.91 1.61 0.00	33.24 2.10 0.00	35.82 2.56 0.00	31.86 2.40 0.00	37.80 3.00 0.00	40.70 3.27 0.00	44.48 3.47 -1.79	40.47 3.38 -0.07	41.80 3.53 -0.25	42.71 3.46 0.00	48.07 3.85 0.00	49.67 4.01 0.00	48.65 4.03 0.00	52.32 4.35 0.00	66.80 5.48 0.00	40.10 3.32 0.00	35.80 2.85 0.00	36.75 2.76 0.00	32.31 2.34 0.00	30.27 2.02 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.27 -0.12 0.00	24.89 -0.14 0.00	25.78 -0.14 0.00	30.07 -0.11 0.00	25.26 -0.04 0.00	31.14 0.00 0.00	33.24 -0.02 0.00	29.42 -0.03 0.00	34.75 -0.05 0.00	37.36 -0.06 0.02	39.22 -0.09 0.00	36.90 -0.12 0.00	37.84 -0.17 0.00	39.09 -0.16 0.00	44.03 -0.19 0.00	45.41 -0.25 0.00	44.29 -0.32 0.00	47.65 -0.32 0.00	60.82 -0.50 0.00	36.45 -0.33 0.00	32.64 -0.31 0.00	33.68 -0.31 0.00	29.71 -0.27 0.00	28.07 -0.18 0.00

HAMLTNNY_34_KV_TB 80303	33.25 -0.13 0.00	24.86 -0.17 0.00	25.76 -0.17 0.00	30.06 -0.11 0.00	25.26 -0.05 0.00	31.15 0.01 0.00	33.27 0.01 0.00	29.46 0.01 0.00	34.79 -0.02 0.00	37.42 -0.01 0.00	39.23 -0.08 -0.09	36.92 -0.10 0.00	37.84 -0.17 0.00	39.10 -0.16 0.00	44.05 -0.16 0.00	45.43 -0.23 0.00	44.30 -0.32 0.00	47.69 -0.28 0.00	60.82 -0.50 0.00	36.46 -0.32 0.00	32.61 -0.33 0.00	33.66 -0.33 0.00	29.70 -0.28 0.00	28.08 -0.17 0.00
HAMPSHIRE___PAPER_HYD 323593	33.80 0.41 0.00	25.07 0.05 0.00	25.57 -0.36 0.00	29.24 -0.93 0.00	24.18 -1.12 0.00	29.64 -1.50 0.00	31.34 -1.93 0.00	27.87 -1.58 0.00	32.83 -1.97 0.00	34.69 -2.24 0.50	37.01 -2.22 0.00	34.94 -2.08 0.00	35.70 -2.31 0.00	37.13 -2.13 0.00	41.99 -2.23 0.00	43.66 -2.00 0.00	43.07 -1.54 0.00	46.57 -1.41 0.00	59.84 -1.49 0.00	35.90 -0.89 0.00	32.23 -0.71 0.00	33.94 -0.05 0.00	29.88 -0.09 0.00	28.00 -0.25 0.00
HARDSCRABBLE_WT_PWR 323673	33.75 0.37 0.00	25.30 0.27 0.00	26.21 0.28 0.00	30.46 0.28 0.00	25.67 0.36 0.00	31.67 0.53 0.00	33.95 0.69 0.00	30.06 0.61 0.00	35.35 0.54 0.00	38.05 0.62 0.00	39.51 0.29 0.00	37.30 0.29 0.00	38.37 0.35 0.00	39.77 0.52 0.00	44.78 0.56 0.00	46.22 0.56 0.00	45.49 0.87 0.00	49.02 1.05 0.00	62.49 1.17 0.00	37.40 0.62 0.00	33.49 0.55 0.00	34.45 0.46 0.00	30.42 0.44 0.00	28.64 0.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.34 1.95 0.00	26.43 1.40 0.00	27.39 1.46 0.00	31.90 1.72 0.00	26.84 1.54 0.00	33.17 2.03 0.00	35.76 2.50 0.00	31.77 2.32 0.00	37.67 2.87 0.00	40.53 3.11 0.00	45.05 3.30 -2.53	40.36 3.25 -0.10	41.75 3.40 -0.34	42.55 3.30 0.00	47.85 3.63 0.00	49.44 3.78 0.00	48.41 3.79 0.00	52.08 4.11 0.00	66.43 5.11 0.00	39.88 3.10 0.00	35.61 2.67 0.00	36.53 2.55 0.00	32.13 2.15 0.00	30.09 1.84 0.00
HARSNRAD_115KV_TB1 81005	32.01 -1.37 0.00	23.84 -1.19 0.00	24.70 -1.23 0.00	29.23 -0.94 0.00	24.36 -0.94 0.00	29.94 -1.21 0.00	31.63 -1.63 0.00	27.85 -1.60 0.00	32.80 -2.00 0.00	34.54 -2.06 0.83	37.01 -2.32 -0.11	34.15 -2.86 0.01	34.78 -3.19 0.04	36.39 -2.87 0.00	41.10 -3.12 0.00	42.16 -3.50 0.00	40.80 -3.82 0.00	43.98 -3.99 0.00	55.89 -5.43 0.00	33.57 -3.21 0.00	29.95 -3.00 0.00	31.56 -2.43 0.00	27.98 -1.99 0.00	26.87 -1.38 0.00
HARZA MOOSE___RIVER 24016	34.12 0.73 0.00	25.41 0.39 0.00	26.26 0.33 0.00	30.44 0.26 0.00	25.35 0.05 0.00	31.18 0.03 0.00	33.08 -0.18 0.00	29.33 -0.12 0.00	34.65 -0.15 0.00	37.10 -0.20 0.13	39.02 -0.21 0.00	36.81 -0.20 0.00	37.62 -0.39 0.00	38.78 -0.47 0.00	43.71 -0.51 0.00	45.41 -0.25 0.00	44.62 0.00 0.00	48.04 0.06 0.00	61.62 0.30 0.00	36.92 0.14 0.00	33.17 0.23 0.00	34.69 0.70 0.00	30.46 0.49 0.00	28.52 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.06 -0.32 0.00	24.74 -0.29 0.00	25.63 -0.30 0.00	29.90 -0.28 0.00	25.10 -0.20 0.00	30.93 -0.21 0.00	33.01 -0.26 0.00	29.20 -0.25 0.00	34.48 -0.33 0.00	37.06 -0.35 0.02	38.94 -0.36 -0.08	36.62 -0.40 0.00	37.57 -0.44 0.00	38.81 -0.44 0.00	43.68 -0.54 0.00	45.04 -0.62 0.00	43.91 -0.71 0.00	47.22 -0.75 0.00	60.29 -1.03 0.00	36.15 -0.63 0.00	32.39 -0.56 0.00	33.43 -0.55 0.00	29.49 -0.48 0.00	27.86 -0.39 0.00
HELLGATE_13_KV_LD 55870	35.47 2.08 0.00	26.52 1.49 0.00	27.45 1.52 0.00	31.99 1.81 0.00	26.93 1.63 0.00	33.22 2.07 0.00	35.81 2.55 0.00	31.83 2.38 0.00	37.83 3.03 0.00	40.77 3.35 0.00	45.49 3.50 -2.77	40.59 3.49 -0.08	41.93 3.64 -0.28	42.78 3.52 0.00	48.11 3.89 0.00	49.66 4.00 0.00	48.62 4.00 0.00	52.25 4.28 0.00	66.64 5.32 0.00	40.14 3.36 0.00	35.85 2.91 0.00	36.82 2.83 0.00	32.37 2.39 0.00	30.29 2.04 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.47 2.08 0.00	26.52 1.49 0.00	27.45 1.52 0.00	31.99 1.81 0.00	26.93 1.63 0.00	33.22 2.07 0.00	35.81 2.55 0.00	31.83 2.38 0.00	37.83 3.03 0.00	40.77 3.35 0.00	45.49 3.50 -2.77	40.59 3.49 -0.08	41.93 3.64 -0.28	42.78 3.52 0.00	48.11 3.89 0.00	49.66 4.00 0.00	48.62 4.00 0.00	52.25 4.28 0.00	66.64 5.32 0.00	40.14 3.36 0.00	35.85 2.91 0.00	36.82 2.83 0.00	32.37 2.39 0.00	30.29 2.04 0.00
HEMPSTEAD____ 23647	35.51 1.91 -0.22	26.39 1.36 0.00	27.39 1.46 0.00	31.85 1.67 0.00	26.80 1.51 0.00	33.19 2.05 0.00	35.70 2.43 0.00	31.64 2.19 0.00	37.68 2.88 0.00	40.59 3.17 0.00	59.26 3.65 -16.39	55.90 3.53 -15.36	57.34 3.70 -15.63	50.25 3.61 -7.39	60.40 3.90 -12.27	60.56 3.91 -11.00	60.68 3.86 -12.20	73.23 4.14 -21.12	90.75 5.32 -24.11	95.23 3.29 -55.16	35.73 2.79 0.00	36.72 2.73 0.00	33.76 2.50 -1.29	30.38 2.12 0.00
HEWLETT_69_KV_BK3 55828	36.93 2.21 -1.33	26.59 1.56 0.00	27.61 1.68 0.00	32.09 1.92 0.00	27.00 1.70 0.00	33.45 2.30 0.00	35.95 2.68 0.00	31.85 2.39 0.00	37.93 3.13 0.00	40.86 3.43 0.00	80.52 3.94 -37.35	87.51 3.82 -46.67	89.66 4.00 -47.65	67.63 3.98 -24.40	86.38 4.28 -37.88	83.93 4.33 -33.93	86.49 4.15 -37.72	108.01 4.48 -55.56	93.26 5.83 -26.10	128.70 3.58 -88.33	36.00 3.06 0.00	37.00 3.01 0.00	34.10 2.73 -1.40	30.60 2.34 0.00
HICKLING___1 23621	32.87 -0.52 0.00	24.28 -0.75 0.00	25.19 -0.74 0.00	29.46 -0.71 0.00	24.81 -0.49 0.00	30.90 -0.24 0.00	33.04 -0.22 0.00	29.33 -0.12 0.00	34.58 -0.22 0.00	34.43 -0.34 2.66	39.10 -0.32 -0.19	36.69 -0.31 0.02	37.83 -0.10 0.07	39.64 0.39 0.00	44.46 0.25 0.00	45.63 -0.03 0.00	44.30 -0.32 0.00	47.52 -0.45 0.00	60.61 -0.71 0.00	36.33 -0.46 0.00	32.23 -0.71 0.00	33.26 -0.73 0.00	29.51 -0.46 0.00	27.99 -0.26 0.00
HICKLING___2 23622	32.87 -0.52 0.00	24.28 -0.75 0.00	25.19 -0.74 0.00	29.46 -0.71 0.00	24.81 -0.49 0.00	30.90 -0.24 0.00	33.04 -0.22 0.00	29.33 -0.12 0.00	34.58 -0.22 0.00	34.43 -0.34 2.66	39.10 -0.32 -0.19	36.69 -0.31 0.02	37.83 -0.10 0.07	39.64 0.39 0.00	44.46 0.25 0.00	45.63 -0.03 0.00	44.30 -0.32 0.00	47.52 -0.45 0.00	60.61 -0.71 0.00	36.33 -0.46 0.00	32.23 -0.71 0.00	33.26 -0.73 0.00	29.51 -0.46 0.00	27.99 -0.26 0.00
HIGH FALLS___HY 23754	35.31 1.92 0.00	26.42 1.39 0.00	27.34 1.42 0.00	31.84 1.66 0.00	26.79 1.49 0.00	33.15 2.01 0.00	35.72 2.46 0.00	31.79 2.34 0.00	37.74 2.94 0.00	40.62 3.19 0.00	43.71 3.57 -0.91	40.61 3.56 -0.03	41.91 3.79 -0.11	42.93 3.67 0.00	48.28 4.07 0.00	49.88 4.22 0.00	48.84 4.22 0.00	52.54 4.57 0.00	67.07 5.75 0.00	40.26 3.47 0.00	35.91 2.96 0.00	36.84 2.85 0.00	32.39 2.42 0.00	30.34 2.08 0.00
HIGH_RIVER___SOLAR 323847	34.71 1.33 0.00	26.01 0.98 0.00	26.93 1.01 0.00	31.36 1.19 0.00	26.26 0.96 0.00	32.35 1.21 0.00	34.67 1.41 0.00	30.73 1.28 0.00	36.24 1.45 0.00	38.98 1.55 0.00	40.58 1.50 0.14	38.37 1.33 -0.02	39.41 1.35 -0.05	40.63 1.38 0.00	45.88 1.66 0.00	47.52 1.86 0.00	46.58 1.96 0.00	50.12 2.14 0.00	64.05 2.73 0.00	38.39 1.61 0.00	34.36 1.42 0.00	35.43 1.45 0.00	31.21 1.23 0.00	29.36 1.11 0.00

HILLBURN___GT 23639	35.25 1.87 0.00	26.36 1.34 0.00	27.31 1.38 0.00	31.82 1.64 0.00	26.78 1.48 0.00	33.10 1.96 0.00	35.70 2.44 0.00	31.71 2.26 0.00	37.58 2.78 0.00	40.42 2.99 0.00	45.00 3.18 -2.60	40.25 3.12 -0.12	41.70 3.29 -0.40	42.42 3.17 0.00	47.71 3.49 0.00	49.26 3.60 0.00	48.26 3.64 0.00	51.90 3.93 0.00	66.22 4.89 0.00	39.76 2.98 0.00	35.50 2.55 0.00	36.41 2.43 0.00	32.02 2.04 0.00	30.00 1.74 0.00
HILLSIDE_115KV_TB1 80332	32.69 -0.70 0.00	24.14 -0.89 0.00	25.07 -0.86 0.00	29.27 -0.91 0.00	24.64 -0.66 0.00	30.70 -0.44 0.00	32.79 -0.47 0.00	29.16 -0.29 0.00	34.32 -0.48 0.00	34.26 -0.60 2.57	38.82 -0.60 -0.20	36.52 -0.47 0.02	37.69 -0.24 0.07	39.44 0.18 0.00	44.17 -0.05 0.00	45.32 -0.34 0.00	44.02 -0.60 0.00	47.24 -0.73 0.00	60.27 -1.05 0.00	36.10 -0.68 0.00	32.00 -0.94 0.00	32.92 -1.07 0.00	29.23 -0.74 0.00	27.72 -0.53 0.00
HISHELDN_WT_PWR 323625	32.07 -1.32 0.00	23.75 -1.28 0.00	24.56 -1.37 0.00	28.99 -1.18 0.00	24.29 -1.01 0.00	30.04 -1.10 0.00	31.86 -1.40 0.00	28.11 -1.34 0.00	33.15 -1.66 0.00	34.48 -1.73 1.22	37.42 -1.94 -0.13	34.60 -2.40 0.01	35.35 -2.62 0.05	37.09 -2.17 0.00	41.84 -2.37 0.00	43.00 -2.66 0.00	41.66 -2.96 0.00	44.81 -3.16 0.00	56.94 -4.38 0.00	34.26 -2.52 0.00	30.58 -2.36 0.00	32.12 -1.87 0.00	28.48 -1.49 0.00	27.24 -1.01 0.00
HOLTSVILLE_IC_1 23690	35.00 1.85 0.24	26.38 1.35 0.00	27.47 1.54 0.00	31.85 1.67 0.00	26.82 1.52 0.00	33.27 2.12 0.00	35.58 2.32 0.00	31.50 2.05 0.00	37.61 2.81 0.00	40.52 3.10 0.00	48.03 3.88 -4.92	43.77 3.69 -3.07	45.15 3.85 -3.30	43.95 3.75 -0.95	50.76 4.13 -2.41	51.99 4.17 -2.16	51.18 4.17 -2.40	58.80 4.39 -6.44	82.91 5.42 -16.18	53.42 3.42 -13.22	35.72 2.78 0.00	36.74 2.75 0.00	33.59 2.75 -0.87	30.62 2.36 0.00
HOLTSVILLE_IC_10 23699	35.13 1.97 0.23	26.45 1.43 0.00	27.55 1.63 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.38 2.24 0.00	35.71 2.44 0.00	31.62 2.16 0.00	37.77 2.97 0.00	40.71 3.28 0.00	48.44 4.12 -5.09	44.23 3.92 -3.29	45.61 4.08 -3.52	44.31 3.99 -1.07	51.23 4.43 -2.59	52.47 4.49 -2.32	53.55 4.50 -4.43	69.32 4.75 -16.60	96.93 5.84 -29.77	54.20 3.66 -13.75	35.90 2.96 0.00	37.22 2.92 -0.32	33.74 2.90 -0.87	30.74 2.48 0.00
HOLTSVILLE_IC_2 23691	35.00 1.85 0.24	26.38 1.35 0.00	27.47 1.54 0.00	31.85 1.67 0.00	26.82 1.52 0.00	33.27 2.12 0.00	35.58 2.32 0.00	31.50 2.05 0.00	37.61 2.81 0.00	40.52 3.10 0.00	48.03 3.88 -4.92	43.77 3.69 -3.07	45.15 3.85 -3.30	43.95 3.75 -0.95	50.76 4.13 -2.41	51.99 4.17 -2.16	51.18 4.17 -2.40	58.80 4.39 -6.44	82.91 5.42 -16.18	53.42 3.42 -13.22	35.72 2.78 0.00	36.74 2.75 0.00	33.59 2.75 -0.87	30.62 2.36 0.00
HOLTSVILLE_IC_3 23692	35.00 1.85 0.24	26.38 1.35 0.00	27.47 1.54 0.00	31.85 1.67 0.00	26.82 1.52 0.00	33.27 2.12 0.00	35.58 2.32 0.00	31.50 2.05 0.00	37.61 2.81 0.00	40.52 3.10 0.00	48.03 3.88 -4.92	43.77 3.69 -3.07	45.15 3.85 -3.30	43.95 3.75 -0.95	50.76 4.13 -2.41	51.99 4.17 -2.16	51.18 4.17 -2.40	58.80 4.39 -6.44	82.91 5.42 -16.18	53.42 3.42 -13.22	35.72 2.78 0.00	36.74 2.75 0.00	33.59 2.75 -0.87	30.62 2.36 0.00
HOLTSVILLE_IC_4 23693	35.00 1.85 0.24	26.38 1.35 0.00	27.47 1.54 0.00	31.85 1.67 0.00	26.82 1.52 0.00	33.27 2.12 0.00	35.58 2.32 0.00	31.50 2.05 0.00	37.61 2.81 0.00	40.52 3.10 0.00	48.03 3.88 -4.92	43.77 3.69 -3.07	45.15 3.85 -3.30	43.95 3.75 -0.95	50.76 4.13 -2.41	51.99 4.17 -2.16	51.18 4.17 -2.40	58.80 4.39 -6.44	82.91 5.42 -16.18	53.42 3.42 -13.22	35.72 2.78 0.00	36.74 2.75 0.00	33.59 2.75 -0.87	30.62 2.36 0.00
HOLTSVILLE_IC_5 23694	35.00 1.85 0.24	26.38 1.35 0.00	27.47 1.54 0.00	31.85 1.67 0.00	26.82 1.52 0.00	33.27 2.12 0.00	35.58 2.32 0.00	31.50 2.05 0.00	37.61 2.81 0.00	40.52 3.10 0.00	48.03 3.88 -4.92	43.77 3.69 -3.07	45.15 3.85 -3.30	43.95 3.75 -0.95	50.76 4.13 -2.41	51.99 4.17 -2.16	51.18 4.17 -2.40	58.80 4.39 -6.44	82.91 5.42 -16.18	53.42 3.42 -13.22	35.72 2.78 0.00	36.74 2.75 0.00	33.59 2.75 -0.87	30.62 2.36 0.00
HOLTSVILLE_IC_6 23695	35.13 1.97 0.23	26.45 1.43 0.00	27.55 1.63 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.38 2.24 0.00	35.71 2.44 0.00	31.62 2.16 0.00	37.77 2.97 0.00	40.71 3.28 0.00	48.44 4.12 -5.09	44.23 3.92 -3.29	45.61 4.08 -3.52	44.31 3.99 -1.07	51.23 4.43 -2.59	52.47 4.49 -2.32	53.55 4.50 -4.43	69.32 4.75 -16.60	96.93 5.84 -29.77	54.20 3.66 -13.75	35.90 2.96 0.00	37.22 2.92 -0.32	33.74 2.90 -0.87	30.74 2.48 0.00
HOLTSVILLE_IC_7 23696	35.13 1.97 0.23	26.45 1.43 0.00	27.55 1.63 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.38 2.24 0.00	35.71 2.44 0.00	31.62 2.16 0.00	37.77 2.97 0.00	40.71 3.28 0.00	48.44 4.12 -5.09	44.23 3.92 -3.29	45.61 4.08 -3.52	44.31 3.99 -1.07	51.23 4.43 -2.59	52.47 4.49 -2.32	53.55 4.50 -4.43	69.32 4.75 -16.60	96.93 5.84 -29.77	54.20 3.66 -13.75	35.90 2.96 0.00	37.22 2.92 -0.32	33.74 2.90 -0.87	30.74 2.48 0.00
HOLTSVILLE_IC_8 23697	35.13 1.97 0.23	26.45 1.43 0.00	27.55 1.63 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.38 2.24 0.00	35.71 2.44 0.00	31.62 2.16 0.00	37.77 2.97 0.00	40.71 3.28 0.00	48.44 4.12 -5.09	44.23 3.92 -3.29	45.61 4.08 -3.52	44.31 3.99 -1.07	51.23 4.43 -2.59	52.47 4.49 -2.32	53.55 4.50 -4.43	69.32 4.75 -16.60	96.93 5.84 -29.77	54.20 3.66 -13.75	35.90 2.96 0.00	37.22 2.92 -0.32	33.74 2.90 -0.87	30.74 2.48 0.00
HOLTSVILLE_IC_9 23698	35.13 1.97 0.23	26.45 1.43 0.00	27.55 1.63 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.38 2.24 0.00	35.71 2.44 0.00	31.62 2.16 0.00	37.77 2.97 0.00	40.71 3.28 0.00	48.44 4.12 -5.09	44.23 3.92 -3.29	45.61 4.08 -3.52	44.31 3.99 -1.07	51.23 4.43 -2.59	52.47 4.49 -2.32	53.55 4.50 -4.43	69.32 4.75 -16.60	96.93 5.84 -29.77	54.20 3.66 -13.75	35.90 2.96 0.00	37.22 2.92 -0.32	33.74 2.90 -0.87	30.74 2.48 0.00
HOMER_HL_115KV_TB2 355744	33.88 0.49 0.00	25.12 0.09 0.00	26.02 0.09 0.00	30.78 0.60 0.00	25.65 0.34 0.00	31.74 0.60 0.00	33.55 0.28 0.00	29.62 0.17 0.00	34.88 0.08 0.00	36.22 0.01 1.22	39.39 0.03 -0.14	36.78 -0.22 0.01	40.22 -0.24 -2.45	39.42 0.17 0.00	44.58 0.36 0.00	45.64 -0.02 0.00	43.98 -0.64 0.00	47.36 -0.61 0.00	60.25 -1.07 0.00	36.07 -0.71 0.00	32.02 -0.92 0.00	33.45 -0.53 0.00	29.64 -0.33 0.00	28.26 0.01 0.00
HOWARD_WT_PWR 323690	31.34 -2.04 0.00	23.04 -1.98 0.00	23.88 -2.05 0.00	28.08 -2.09 0.00	23.57 -1.73 0.00	29.36 -1.78 0.00	31.50 -1.76 0.00	27.80 -1.65 0.00	32.96 -1.84 0.00	33.00 -1.95 2.48	37.43 -1.96 -0.16	34.82 -2.18 0.02	36.48 -1.95 -0.42	38.16 -1.10 0.00	43.22 -1.00 0.00	44.47 -1.19 0.00	43.09 -1.52 0.00	46.04 -1.94 0.00	58.72 -2.61 0.00	35.17 -1.61 0.00	31.09 -1.85 0.00	32.47 -1.52 0.00	28.85 -1.13 0.00	27.44 -0.82 0.00

HQ_GEN_CEDARS 23644	33.38 0.00 0.00	24.95 -0.07 0.00	25.14 -0.79 0.00	28.35 -1.83 0.00	23.38 -1.92 0.00	28.64 -2.50 0.00	30.37 -2.89 0.00	27.04 -2.40 0.00	31.77 -3.04 0.00	33.16 -3.40 0.87	35.89 -3.33 0.00	33.94 -3.08 0.00	34.90 -3.11 0.00	36.87 -2.38 0.00	41.95 -2.27 0.00	43.35 -2.32 0.00	42.77 -1.84 0.00	46.32 -1.65 0.00	59.46 -1.87 0.00	35.75 -1.03 0.00	31.97 -0.98 0.00	33.69 -0.30 0.00	29.85 -0.12 0.00	28.08 -0.17 0.00
HQ_GEN_CEDARS_PROXY 323590	33.38 0.00 0.00	24.95 -0.07 0.00	25.14 -0.79 0.00	28.35 -1.83 0.00	23.38 -1.92 0.00	28.65 -2.50 0.00	30.37 -2.89 0.00	27.04 -2.40 0.00	31.76 -3.04 0.00	33.16 -3.40 0.87	35.89 -3.33 0.00	33.94 -3.08 0.00	34.90 -3.11 0.00	36.87 -2.38 0.00	41.95 -2.27 0.00	43.35 -2.31 0.00	42.77 -1.84 0.00	46.32 -1.65 0.00	59.46 -1.87 0.00	35.75 -1.03 0.00	31.97 -0.98 0.00	33.69 -0.30 0.00	29.85 -0.12 0.00	28.08 -0.17 0.00
HQ_GEN_IMPORT 323601	33.39 0.00 0.00	25.03 0.00 0.00	25.93 0.00 0.00	30.18 0.00 0.00	25.30 0.00 0.00	31.14 0.00 0.00	33.26 0.00 0.00	30.71 0.00 -1.26	35.48 0.00 -0.69	37.43 0.00 0.00	39.24 0.00 -0.01	37.31 0.00 -0.29	38.01 0.00 0.00	39.25 0.00 0.00	44.22 0.00 0.00	45.66 0.00 0.00	44.73 0.00 -0.12	47.97 0.00 0.00	61.32 0.00 0.00	37.47 0.00 -0.68	32.94 0.00 0.00	33.99 0.00 0.00	29.97 0.00 0.00	28.25 0.00 0.00
HQ_GEN_WHEEL 23651	33.39 0.00 0.00	25.03 0.00 0.00	25.93 0.00 0.00	30.18 0.00 0.00	25.30 0.00 0.00	31.14 0.00 0.00	33.26 0.00 0.00	30.71 0.00 -1.26	35.48 0.00 -0.69	37.43 0.00 0.00	39.24 0.00 -0.01	37.31 0.00 -0.29	38.01 0.00 0.00	39.25 0.00 0.00	44.22 0.00 0.00	45.66 0.00 0.00	44.73 0.00 -0.12	47.97 0.00 0.00	61.32 0.00 0.00	37.47 0.00 -0.68	32.94 0.00 0.00	33.99 0.00 0.00	29.97 0.00 0.00	28.25 0.00 0.00
HUDSON AVE_GT_3 23810	35.49 2.11 0.00	26.55 1.52 0.00	27.50 1.57 0.00	32.02 1.84 0.00	26.96 1.66 0.00	33.30 2.16 0.00	35.88 2.62 0.00	31.90 2.45 0.00	37.87 3.07 0.00	40.83 3.40 0.00	45.60 3.61 -2.77	40.66 3.56 -0.08	42.02 3.73 -0.28	42.85 3.60 0.00	48.20 3.98 0.00	49.78 4.12 0.00	48.73 4.10 0.00	52.39 4.42 0.00	66.84 5.52 0.00	40.18 3.40 0.00	35.88 2.93 0.00	36.87 2.88 0.00	32.42 2.44 0.00	30.31 2.05 0.00
HUDSON AVE_GT_4 23540	35.49 2.11 0.00	26.55 1.52 0.00	27.50 1.57 0.00	32.02 1.84 0.00	26.96 1.66 0.00	33.30 2.16 0.00	35.88 2.62 0.00	31.90 2.45 0.00	37.87 3.07 0.00	40.83 3.40 0.00	45.60 3.61 -2.77	40.66 3.56 -0.08	42.02 3.73 -0.28	42.85 3.60 0.00	48.20 3.98 0.00	49.78 4.12 0.00	48.73 4.10 0.00	52.39 4.42 0.00	66.84 5.52 0.00	40.18 3.40 0.00	35.88 2.93 0.00	36.87 2.88 0.00	32.42 2.44 0.00	30.31 2.05 0.00
HUDSON AVE_GT_5 23657	35.49 2.11 0.00	26.55 1.52 0.00	27.50 1.57 0.00	32.02 1.84 0.00	26.96 1.66 0.00	33.30 2.16 0.00	35.88 2.62 0.00	31.90 2.45 0.00	37.87 3.07 0.00	40.83 3.40 0.00	45.60 3.61 -2.77	40.66 3.56 -0.08	42.02 3.73 -0.28	42.85 3.60 0.00	48.20 3.98 0.00	49.78 4.12 0.00	48.73 4.10 0.00	52.39 4.42 0.00	66.84 5.52 0.00	40.18 3.40 0.00	35.88 2.93 0.00	36.87 2.88 0.00	32.42 2.44 0.00	30.31 2.05 0.00
HUDSON_AVE_10 24168	35.37 1.98 0.00	26.47 1.44 0.00	27.40 1.47 0.00	31.91 1.73 0.00	26.88 1.58 0.00	33.18 2.04 0.00	35.72 2.46 0.00	31.76 2.31 0.00	37.71 2.91 0.00	40.64 3.22 0.00	48.89 3.41 -6.25	40.48 3.38 -0.08	41.85 3.56 -0.28	42.67 3.42 0.00	47.98 3.76 0.00	49.55 3.89 0.00	48.52 3.89 0.00	52.17 4.20 0.00	66.56 5.24 0.00	54.88 3.22 -14.87	35.74 2.79 0.00	36.74 2.75 0.00	32.29 2.32 0.00	30.17 1.91 0.00
HUDSON___115KV_TB 4 355613	34.48 1.09 0.00	25.94 0.91 0.00	26.93 1.00 0.00	31.34 1.17 0.00	26.29 0.99 0.00	32.30 1.16 0.00	34.69 1.43 0.00	30.83 1.39 0.00	36.51 1.71 0.00	39.23 1.81 0.00	41.07 1.89 0.05	38.87 1.82 -0.03	39.95 1.85 -0.09	41.15 1.90 0.00	46.38 2.16 0.00	47.99 2.33 0.00	46.99 2.37 0.00	50.48 2.51 0.00	64.55 3.23 0.00	38.66 1.88 0.00	34.63 1.69 0.00	35.62 1.64 0.00	31.32 1.35 0.00	29.41 1.16 0.00
HUNTER MOUNT___DRP 323613	34.57 1.18 0.00	26.03 1.00 0.00	27.02 1.09 0.00	31.46 1.29 0.00	26.36 1.06 0.00	32.40 1.26 0.00	34.79 1.53 0.00	30.94 1.50 0.00	36.65 1.85 0.00	39.38 1.96 0.00	41.36 2.02 -0.11	39.00 1.96 -0.03	40.03 1.93 -0.10	41.27 2.01 0.00	46.52 2.30 0.00	48.15 2.49 0.00	47.17 2.55 0.00	50.68 2.71 0.00	64.82 3.50 0.00	38.80 2.01 0.00	34.75 1.81 0.00	35.76 1.78 0.00	31.43 1.46 0.00	29.51 1.26 0.00
HUNTINGTON_RES_REC 323705	34.98 1.82 0.23	26.33 1.30 0.00	27.40 1.48 0.00	31.81 1.63 0.00	26.77 1.47 0.00	33.22 2.07 0.00	35.61 2.35 0.00	31.51 2.06 0.00	37.59 2.79 0.00	40.51 3.09 0.00	48.16 3.84 -5.09	43.98 3.65 -3.31	45.33 3.78 -3.54	43.99 3.66 -1.08	50.79 3.97 -2.61	51.96 3.97 -2.34	51.14 3.93 -2.59	58.83 4.11 -6.75	82.79 5.11 -16.36	53.78 3.20 -13.80	35.56 2.62 0.00	36.59 2.60 0.00	33.44 2.59 -0.88	30.48 2.23 0.00
HUNTLEY___63 23557	32.30 -1.08 0.00	24.02 -1.01 0.00	24.89 -1.04 0.00	29.44 -0.74 0.00	24.53 -0.77 0.00	30.18 -0.96 0.00	31.92 -1.34 0.00	28.13 -1.32 0.00	33.14 -1.67 0.00	34.83 -1.71 0.88	37.39 -1.95 -0.11	34.52 -2.49 0.01	35.15 -2.82 0.04	36.77 -2.48 0.00	41.54 -2.68 0.00	42.61 -3.05 0.00	41.23 -3.39 0.00	44.46 -3.51 0.00	56.51 -4.81 0.00	33.93 -2.86 0.00	30.25 -2.69 0.00	31.88 -2.11 0.00	28.26 -1.71 0.00	27.11 -1.14 0.00
HUNTLEY___64 23558	32.30 -1.08 0.00	24.02 -1.01 0.00	24.89 -1.04 0.00	29.44 -0.74 0.00	24.53 -0.77 0.00	30.18 -0.96 0.00	31.92 -1.34 0.00	28.13 -1.32 0.00	33.14 -1.67 0.00	34.83 -1.71 0.88	37.39 -1.95 -0.11	34.52 -2.49 0.01	35.15 -2.82 0.04	36.77 -2.48 0.00	41.54 -2.68 0.00	42.61 -3.05 0.00	41.23 -3.39 0.00	44.46 -3.51 0.00	56.51 -4.81 0.00	33.93 -2.86 0.00	30.25 -2.69 0.00	31.88 -2.11 0.00	28.26 -1.71 0.00	27.11 -1.14 0.00
HUNTLEY___65 23559	32.30 -1.08 0.00	24.02 -1.01 0.00	24.89 -1.04 0.00	29.44 -0.74 0.00	24.53 -0.77 0.00	30.18 -0.96 0.00	31.92 -1.34 0.00	28.13 -1.32 0.00	33.14 -1.67 0.00	34.83 -1.71 0.88	37.39 -1.95 -0.11	34.52 -2.49 0.01	35.15 -2.82 0.04	36.77 -2.48 0.00	41.54 -2.68 0.00	42.61 -3.05 0.00	41.23 -3.39 0.00	44.46 -3.51 0.00	56.51 -4.81 0.00	33.93 -2.86 0.00	30.25 -2.69 0.00	31.88 -2.11 0.00	28.26 -1.71 0.00	27.11 -1.14 0.00
HUNTLEY___66 23560	32.30 -1.08 0.00	24.02 -1.01 0.00	24.89 -1.04 0.00	29.44 -0.74 0.00	24.53 -0.77 0.00	30.18 -0.96 0.00	31.92 -1.34 0.00	28.13 -1.32 0.00	33.14 -1.67 0.00	34.83 -1.71 0.88	37.39 -1.95 -0.11	34.52 -2.49 0.01	35.15 -2.82 0.04	36.77 -2.48 0.00	41.54 -2.68 0.00	42.61 -3.05 0.00	41.23 -3.39 0.00	44.46 -3.51 0.00	56.51 -4.81 0.00	33.93 -2.86 0.00	30.25 -2.69 0.00	31.88 -2.11 0.00	28.26 -1.71 0.00	27.11 -1.14 0.00



HUNTLEY___67 23561	32.10 -1.29 0.00	23.85 -1.17 0.00	24.73 -1.20 0.00	29.24 -0.93 0.00	24.36 -0.94 0.00	29.99 -1.15 0.00	31.72 -1.54 0.00	27.94 -1.51 0.00	32.90 -1.90 0.00	34.54 -1.97 0.92	37.16 -2.19 -0.12	34.30 -2.71 0.01	34.94 -3.03 0.04	36.56 -2.69 0.00	41.30 -2.92 0.00	42.38 -3.28 0.00	40.98 -3.64 0.00	44.19 -3.78 0.00	56.20 -5.12 0.00	33.75 -3.03 0.00	30.10 -2.85 0.00	31.71 -2.28 0.00	28.11 -1.86 0.00	26.94 -1.31 0.00
HUNTLEY___68 23562	32.10 -1.29 0.00	23.85 -1.17 0.00	24.73 -1.20 0.00	29.24 -0.93 0.00	24.36 -0.94 0.00	29.99 -1.15 0.00	31.72 -1.54 0.00	27.94 -1.51 0.00	32.90 -1.90 0.00	34.54 -1.97 0.92	37.16 -2.19 -0.12	34.30 -2.71 0.01	34.94 -3.03 0.04	36.56 -2.69 0.00	41.30 -2.92 0.00	42.38 -3.28 0.00	40.98 -3.64 0.00	44.19 -3.78 0.00	56.20 -5.12 0.00	33.75 -3.03 0.00	30.10 -2.85 0.00	31.71 -2.28 0.00	28.11 -1.86 0.00	26.94 -1.31 0.00
HYLAND___LFGE 323620	33.61 0.22 0.00	24.91 -0.12 0.00	25.76 -0.17 0.00	30.32 0.14 0.00	25.43 0.13 0.00	31.57 0.43 0.00	33.83 0.57 0.00	29.97 0.52 0.00	35.40 0.60 0.00	36.64 0.61 1.40	39.81 0.46 -0.13	36.87 -0.13 0.01	37.58 -0.39 0.05	39.41 0.16 0.00	44.58 0.37 0.00	45.99 0.33 0.00	44.93 0.31 0.00	48.49 0.52 0.00	61.81 0.49 0.00	37.02 0.24 0.00	32.98 0.04 0.00	34.28 0.29 0.00	30.26 0.29 0.00	28.69 0.43 0.00
INDECK___CORINTH 23802	35.43 2.05 0.00	26.66 1.63 0.00	27.66 1.73 0.00	32.17 2.00 0.00	26.79 1.49 0.00	32.73 1.59 0.00	34.93 1.67 0.00	31.00 1.55 0.00	36.60 1.80 0.00	39.36 1.94 0.00	40.78 1.73 0.18	38.42 1.38 -0.02	39.51 1.43 -0.07	40.56 1.30 0.00	45.61 1.40 0.00	47.47 1.81 0.00	46.55 1.93 0.00	49.96 1.99 0.00	63.88 2.55 0.00	38.23 1.45 0.00	34.15 1.20 0.00	35.23 1.25 0.00	31.12 1.15 0.00	29.20 0.95 0.00
INDECK___ILION 23567	33.67 0.28 0.00	25.24 0.21 0.00	26.17 0.24 0.00	30.42 0.24 0.00	25.55 0.25 0.00	31.50 0.36 0.00	33.72 0.46 0.00	29.89 0.44 0.00	35.29 0.49 0.00	37.93 0.50 0.00	39.65 0.43 0.00	37.42 0.40 0.00	38.49 0.48 0.00	39.80 0.55 0.00	44.82 0.60 0.00	46.32 0.66 0.00	45.36 0.74 0.00	48.80 0.83 0.00	62.33 1.01 0.00	37.36 0.57 0.00	33.44 0.50 0.00	34.43 0.45 0.00	30.37 0.40 0.00	28.57 0.32 0.00
INDECK___OLEAN 23982	33.88 0.49 0.00	25.12 0.09 0.00	26.03 0.10 0.00	30.78 0.60 0.00	25.64 0.34 0.00	31.74 0.60 0.00	33.55 0.29 0.00	29.62 0.17 0.00	34.88 0.07 0.00	36.22 0.02 1.22	39.40 0.04 -0.14	36.79 -0.21 0.01	40.22 -0.24 -2.45	39.40 0.15 0.00	44.59 0.37 0.00	45.65 -0.01 0.00	43.98 -0.63 0.00	47.36 -0.61 0.00	60.25 -1.08 0.00	36.07 -0.71 0.00	32.02 -0.92 0.00	33.46 -0.53 0.00	29.64 -0.33 0.00	28.26 0.01 0.00
INDECK___OSWEGO 23783	32.76 -0.62 0.00	24.52 -0.51 0.00	25.41 -0.52 0.00	29.61 -0.57 0.00	24.84 -0.46 0.00	30.57 -0.57 0.00	32.56 -0.70 0.00	28.79 -0.66 0.00	33.97 -0.82 0.00	36.53 -0.87 0.03	38.37 -0.92 -0.07	36.10 -0.92 0.00	37.04 -0.98 0.00	38.21 -1.04 0.00	42.98 -1.24 0.00	44.38 -1.28 0.00	43.34 -1.28 0.00	46.63 -1.35 0.00	59.56 -1.76 0.00	35.71 -1.07 0.00	32.01 -0.93 0.00	33.06 -0.93 0.00	29.16 -0.81 0.00	27.53 -0.72 0.00
INDECK___YERKES 23781	32.34 -1.05 0.00	24.04 -0.99 0.00	24.91 -1.02 0.00	29.46 -0.71 0.00	24.55 -0.75 0.00	30.21 -0.94 0.00	31.95 -1.31 0.00	28.15 -1.29 0.00	33.17 -1.63 0.00	34.86 -1.68 0.88	37.43 -1.91 -0.11	34.56 -2.45 0.01	35.19 -2.78 0.04	36.79 -2.46 0.00	41.58 -2.64 0.00	42.66 -3.00 0.00	41.29 -3.33 0.00	44.50 -3.47 0.00	56.56 -4.76 0.00	33.96 -2.82 0.00	30.28 -2.66 0.00	31.91 -2.08 0.00	28.29 -1.68 0.00	27.13 -1.12 0.00
INDIAN POINT_GT_1 24139	35.19 1.80 0.00	26.33 1.31 0.00	27.28 1.35 0.00	31.78 1.60 0.00	26.74 1.44 0.00	33.03 1.89 0.00	35.60 2.34 0.00	31.62 2.17 0.00	37.49 2.69 0.00	40.35 2.92 0.00	45.01 3.10 -2.69	40.15 3.05 -0.09	41.51 3.20 -0.30	42.33 3.08 0.00	47.62 3.40 0.00	49.18 3.52 0.00	48.18 3.56 0.00	51.81 3.83 0.00	66.12 4.80 0.00	39.72 2.93 0.00	35.46 2.51 0.00	36.40 2.42 0.00	32.03 2.06 0.00	29.99 1.74 0.00
INDIAN POINT_GT_2 23659	35.19 1.80 0.00	26.33 1.31 0.00	27.28 1.35 0.00	31.78 1.60 0.00	26.74 1.44 0.00	33.03 1.89 0.00	35.60 2.34 0.00	31.62 2.17 0.00	37.49 2.69 0.00	40.35 2.92 0.00	45.01 3.10 -2.69	40.15 3.05 -0.09	41.51 3.20 -0.30	42.33 3.08 0.00	47.62 3.40 0.00	49.18 3.52 0.00	48.18 3.56 0.00	51.81 3.83 0.00	66.12 4.80 0.00	39.72 2.93 0.00	35.46 2.51 0.00	36.40 2.42 0.00	32.03 2.06 0.00	29.99 1.74 0.00
INDIAN POINT_GT_3 24019	35.19 1.80 0.00	26.33 1.31 0.00	27.28 1.35 0.00	31.78 1.60 0.00	26.74 1.44 0.00	33.03 1.89 0.00	35.60 2.34 0.00	31.62 2.17 0.00	37.49 2.69 0.00	40.35 2.92 0.00	45.01 3.10 -2.69	40.15 3.05 -0.09	41.51 3.20 -0.30	42.33 3.08 0.00	47.62 3.40 0.00	49.18 3.52 0.00	48.18 3.56 0.00	51.81 3.83 0.00	66.12 4.80 0.00	39.72 2.93 0.00	35.46 2.51 0.00	36.40 2.42 0.00	32.03 2.06 0.00	29.99 1.74 0.00
INDIAN POINT___2 23530	35.18 1.80 0.00	26.32 1.30 0.00	27.27 1.34 0.00	31.77 1.59 0.00	26.74 1.44 0.00	33.03 1.89 0.00	35.60 2.34 0.00	31.62 2.17 0.00	37.49 2.69 0.00	40.33 2.91 0.00	44.99 3.08 -2.69	40.14 3.03 -0.10	41.52 3.18 -0.33	42.32 3.07 0.00	47.59 3.38 0.00	49.16 3.50 0.00	48.14 3.51 0.00	51.78 3.80 0.00	66.06 4.74 0.00	39.69 2.90 0.00	35.43 2.49 0.00	36.37 2.38 0.00	32.00 2.02 0.00	29.97 1.72 0.00
INDIAN POINT___3 23531	35.17 1.78 0.00	26.32 1.29 0.00	27.27 1.34 0.00	31.76 1.59 0.00	26.73 1.43 0.00	33.01 1.87 0.00	35.57 2.31 0.00	31.59 2.14 0.00	37.46 2.66 0.00	40.31 2.89 0.00	44.95 3.06 -2.67	40.11 3.00 -0.09	41.46 3.15 -0.30	42.29 3.04 0.00	47.57 3.36 0.00	49.13 3.47 0.00	48.13 3.51 0.00	51.75 3.78 0.00	66.04 4.72 0.00	39.67 2.89 0.00	35.42 2.48 0.00	36.37 2.38 0.00	32.00 2.03 0.00	29.97 1.72 0.00
INGHAM_C_115KV_TB7 356103	33.76 0.37 0.00	25.32 0.29 0.00	26.29 0.36 0.00	30.56 0.39 0.00	25.75 0.45 0.00	31.80 0.66 0.00	34.16 0.89 0.00	30.30 0.85 0.00	35.73 0.93 0.00	38.39 0.96 0.00	39.98 0.76 0.00	37.69 0.68 0.00	38.85 0.84 0.00	40.24 0.98 0.00	45.27 1.05 0.00	46.78 1.12 0.00	45.93 1.31 0.00	49.44 1.47 0.00	63.06 1.74 0.00	37.76 0.97 0.00	33.78 0.84 0.00	34.67 0.69 0.00	30.59 0.61 0.00	28.74 0.49 0.00
IP CORINTH___1 23988	35.43 2.05 0.00	26.66 1.63 0.00	27.66 1.73 0.00	32.20 2.02 0.00	26.85 1.55 0.00	32.87 1.73 0.00	35.11 1.85 0.00	31.17 1.72 0.00	36.80 2.00 0.00	39.57 2.14 0.00	41.00 1.95 0.18	38.63 1.60 -0.02	39.73 1.65 -0.07	40.79 1.53 0.00	45.88 1.66 0.00	47.74 2.08 0.00	46.80 2.18 0.00	50.24 2.27 0.00	64.24 2.92 0.00	38.44 1.65 0.00	34.32 1.38 0.00	35.41 1.42 0.00	31.27 1.30 0.00	29.35 1.10 0.00

IP___TICONDEROGA 23804	36.29 2.90 0.00	27.50 2.48 0.00	28.59 2.66 0.00	33.65 3.47 0.00	28.17 2.87 0.00	34.61 3.47 0.00	36.93 3.67 0.00	32.86 3.41 0.00	38.61 3.81 0.00	41.24 3.81 0.00	42.12 3.07 0.18	39.84 2.80 -0.02	41.03 2.95 -0.07	42.45 3.19 0.00	47.97 3.75 0.00	49.98 4.32 0.00	49.49 4.87 0.00	52.85 4.88 0.00	67.62 6.30 0.00	40.34 3.55 0.00	35.55 2.61 0.00	37.02 3.03 0.00	32.60 2.63 0.00	30.47 2.22 0.00
ISLIP_RES_REC 323679	35.28 2.12 0.22	26.56 1.54 0.00	27.65 1.73 0.00	32.04 1.87 0.00	26.98 1.68 0.00	33.50 2.36 0.00	35.84 2.58 0.00	31.75 2.30 0.00	37.93 3.13 0.00	40.90 3.48 0.00	48.77 4.33 -5.22	44.58 4.12 -3.44	45.96 4.27 -3.68	44.60 4.20 -1.15	51.61 4.68 -2.71	52.83 4.74 -2.43	53.40 4.74 -4.05	67.06 5.00 -14.09	93.65 6.15 -26.18	54.76 3.85 -14.13	36.06 3.12 0.00	37.29 3.08 -0.23	33.87 3.02 -0.88	30.84 2.58 0.00
JAMAICA__27_KV_LOAD 355505	35.61 2.22 0.00	26.66 1.63 0.00	27.59 1.66 0.00	32.13 1.96 0.00	27.06 1.76 0.00	33.41 2.27 0.00	35.85 2.59 0.00	31.88 2.43 0.00	37.84 3.04 0.00	40.79 3.36 0.00	49.86 3.58 -7.05	40.64 3.55 -0.08	42.04 3.75 -0.28	42.86 3.61 0.00	48.19 3.97 0.00	49.76 4.10 0.00	48.74 4.11 0.00	52.43 4.46 0.00	66.90 5.58 0.00	58.46 3.42 -18.26	35.93 2.99 0.00	36.98 2.99 0.00	32.49 2.51 0.00	30.29 2.04 0.00
JANIS___SOLAR 323808	34.74 1.35 0.00	25.88 0.85 0.00	26.78 0.85 0.00	31.15 0.97 0.00	26.35 1.06 0.00	32.84 1.70 0.00	35.81 2.55 0.00	31.51 2.06 0.00	37.27 2.47 0.00	42.68 2.47 -2.78	42.24 2.57 -0.45	39.60 2.62 0.04	45.23 7.37 0.15	49.35 10.10 0.00	55.46 11.24 0.00	57.12 11.46 0.00	52.69 8.07 0.00	56.82 8.84 0.00	72.98 11.66 0.00	43.34 6.56 0.00	38.83 5.88 0.00	39.60 5.61 0.00	34.85 4.88 0.00	32.71 4.46 0.00
JARVIS____ 23743	33.50 0.12 0.00	25.12 0.09 0.00	26.01 0.08 0.00	30.24 0.06 0.00	25.35 0.05 0.00	31.20 0.06 0.00	33.32 0.06 0.00	29.51 0.06 0.00	34.87 0.07 0.00	37.50 0.07 0.00	39.29 0.06 0.00	37.09 0.07 0.00	38.09 0.08 0.00	39.37 0.11 0.00	44.35 0.13 0.00	45.81 0.15 0.00	44.80 0.18 0.00	48.17 0.19 0.00	61.61 0.29 0.00	36.96 0.17 0.00	33.11 0.17 0.00	34.16 0.17 0.00	30.12 0.15 0.00	28.36 0.11 0.00
JENNISON___1 23625	34.37 0.98 0.00	25.63 0.61 0.00	26.49 0.56 0.00	30.66 0.48 0.00	26.17 0.87 0.00	33.18 2.04 0.00	37.56 4.29 0.00	32.88 3.43 0.00	38.93 4.13 0.00	42.86 3.57 -1.86	43.83 3.80 -0.81	41.22 4.28 0.08	45.03 7.27 0.26	47.15 7.89 0.00	53.04 8.82 0.00	54.46 8.80 0.00	49.69 5.06 0.00	53.33 5.36 0.00	68.40 7.07 0.00	40.80 4.02 0.00	36.51 3.57 0.00	37.35 3.36 0.00	32.83 2.86 0.00	30.91 2.65 0.00
JENNISON___2 23626	34.37 0.98 0.00	25.63 0.61 0.00	26.49 0.56 0.00	30.66 0.48 0.00	26.17 0.87 0.00	33.18 2.04 0.00	37.56 4.29 0.00	32.88 3.43 0.00	38.93 4.13 0.00	42.86 3.57 -1.86	43.83 3.80 -0.81	41.22 4.28 0.08	45.03 7.27 0.26	47.15 7.89 0.00	53.04 8.82 0.00	54.46 8.80 0.00	49.69 5.06 0.00	53.33 5.36 0.00	68.40 7.07 0.00	40.80 4.02 0.00	36.51 3.57 0.00	37.35 3.36 0.00	32.83 2.86 0.00	30.91 2.65 0.00
JERICHO_RISE_WT_PWR 323719	32.90 -0.49 0.00	24.58 -0.44 0.00	24.62 -1.31 0.00	27.58 -2.60 0.00	22.68 -2.62 0.00	27.81 -3.33 0.00	29.48 -3.78 0.00	26.27 -3.18 0.00	30.81 -3.99 0.00	32.06 -4.47 0.90	34.82 -4.41 0.00	32.86 -4.16 0.00	34.00 -4.01 0.00	36.27 -2.98 0.00	41.56 -2.65 0.00	43.17 -2.49 0.00	42.57 -2.04 0.00	45.99 -1.98 0.00	59.13 -2.19 0.00	35.63 -1.15 0.00	31.77 -1.17 0.00	33.58 -0.41 0.00	29.81 -0.16 0.00	28.05 -0.20 0.00
KATONAH___115KV_46KV_TB4 355592	35.36 1.98 0.00	26.48 1.46 0.00	27.44 1.51 0.00	31.96 1.78 0.00	26.89 1.59 0.00	33.24 2.09 0.00	35.80 2.54 0.00	31.81 2.36 0.00	37.77 2.97 0.00	40.67 3.24 0.00	45.36 3.40 -2.73	40.41 3.32 -0.07	41.72 3.46 -0.25	42.62 3.37 0.00	47.95 3.74 0.00	49.54 3.88 0.00	48.55 3.92 0.00	52.20 4.23 0.00	66.60 5.27 0.00	40.00 3.21 0.00	35.69 2.75 0.00	36.64 2.66 0.00	32.24 2.27 0.00	30.18 1.93 0.00
KCE_NY_1 323755	35.10 1.71 0.00	26.37 1.34 0.00	27.36 1.43 0.00	31.89 1.72 0.00	26.69 1.39 0.00	32.82 1.68 0.00	35.21 1.95 0.00	31.20 1.75 0.00	36.90 2.10 0.00	39.67 2.24 0.00	41.29 2.25 0.18	39.07 2.03 -0.02	40.15 2.07 -0.07	41.31 2.05 0.00	46.50 2.28 0.00	48.24 2.58 0.00	47.20 2.58 0.00	50.79 2.81 0.00	64.81 3.49 0.00	38.81 2.03 0.00	34.73 1.78 0.00	35.74 1.76 0.00	31.50 1.53 0.00	29.61 1.35 0.00
KCE_NY_6_ESR 323823	32.59 -0.80 0.00	24.18 -0.85 0.00	25.06 -0.87 0.00	29.60 -0.58 0.00	24.70 -0.60 0.00	30.46 -0.68 0.00	32.28 -0.98 0.00	28.45 -1.00 0.00	33.52 -1.28 0.00	35.13 -1.31 0.98	37.85 -1.50 -0.12	35.00 -2.01 0.01	35.65 -2.32 0.04	37.32 -1.93 0.00	42.11 -2.11 0.00	43.22 -2.43 0.00	41.82 -2.80 0.00	45.10 -2.87 0.00	57.34 -3.98 0.00	34.49 -2.30 0.00	30.71 -2.24 0.00	32.34 -1.65 0.00	28.62 -1.35 0.00	27.42 -0.84 0.00
KEDC_PORT_JEFF_GT2 24210	35.10 1.95 0.23	26.43 1.41 0.00	27.54 1.61 0.00	31.93 1.76 0.00	26.88 1.59 0.00	33.36 2.22 0.00	35.70 2.44 0.00	31.61 2.16 0.00	37.75 2.95 0.00	40.68 3.26 0.00	48.34 4.09 -5.03	44.12 3.90 -3.21	45.52 4.07 -3.44	44.25 3.97 -1.03	51.13 4.38 -2.53	52.37 4.45 -2.26	51.55 4.42 -2.51	59.26 4.67 -6.62	83.35 5.77 -16.26	53.96 3.61 -13.56	35.86 2.92 0.00	36.87 2.89 0.00	33.71 2.86 -0.87	30.71 2.46 0.00
KEDC_PORT_JEFF_GT3 24211	35.10 1.95 0.23	26.43 1.41 0.00	27.54 1.61 0.00	31.93 1.76 0.00	26.88 1.59 0.00	33.36 2.22 0.00	35.70 2.44 0.00	31.61 2.16 0.00	37.75 2.95 0.00	40.68 3.26 0.00	48.34 4.09 -5.03	44.12 3.90 -3.21	45.52 4.07 -3.44	44.25 3.97 -1.03	51.13 4.38 -2.53	52.37 4.45 -2.26	51.55 4.42 -2.51	59.26 4.67 -6.62	83.35 5.77 -16.26	53.96 3.61 -13.56	35.86 2.92 0.00	36.87 2.89 0.00	33.71 2.86 -0.87	30.71 2.46 0.00
KEDC_GLWD_GT4 24219	35.65 2.09 -0.17	26.54 1.51 0.00	27.52 1.59 0.00	32.03 1.86 0.00	26.95 1.65 0.00	33.34 2.20 0.00	35.89 2.63 0.00	31.85 2.40 0.00	37.87 3.07 0.00	40.79 3.37 0.00	59.87 3.73 -16.93	56.10 3.63 -15.46	57.59 3.79 -15.79	50.38 3.70 -7.42	60.69 4.07 -12.40	60.91 4.14 -11.11	61.06 4.11 -12.33	74.40 4.39 -22.03	94.83 5.56 -27.94	104.11 3.41 -63.92	35.87 2.92 0.00	36.85 2.86 0.00	34.02 2.54 -1.50	30.43 2.17 -0.01
KEDC_GLWD_GT5 24220	35.65 2.09 -0.17	26.54 1.51 0.00	27.52 1.59 0.00	32.03 1.86 0.00	26.95 1.65 0.00	33.34 2.20 0.00	35.89 2.63 0.00	31.85 2.40 0.00	37.87 3.07 0.00	40.79 3.37 0.00	59.87 3.73 -16.93	56.10 3.63 -15.46	57.59 3.79 -15.79	50.38 3.70 -7.42	60.69 4.07 -12.40	60.91 4.14 -11.11	61.06 4.11 -12.33	74.40 4.39 -22.03	94.83 5.56 -27.94	104.11 3.41 -63.92	35.87 2.92 0.00	36.85 2.86 0.00	34.02 2.54 -1.50	30.43 2.17 -0.01

KENSICO____ 23655	35.26 1.87 0.00	26.39 1.36 0.00	27.34 1.41 0.00	31.85 1.67 0.00	26.80 1.50 0.00	33.10 1.95 0.00	35.66 2.39 0.00	31.68 2.23 0.00	37.58 2.78 0.00	40.47 3.04 0.00	45.17 3.22 -2.73	40.26 3.16 -0.08	41.60 3.30 -0.28	42.44 3.19 0.00	47.74 3.53 0.00	49.31 3.66 0.00	48.31 3.69 0.00	51.92 3.95 0.00	66.27 4.95 0.00	39.82 3.04 0.00	35.55 2.61 0.00	36.51 2.52 0.00	32.13 2.16 0.00	30.08 1.82 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.29 1.90 0.00	26.41 1.39 0.00	27.34 1.41 0.00	31.84 1.66 0.00	26.78 1.48 0.00	33.12 1.98 0.00	35.69 2.43 0.00	31.79 2.34 0.00	37.72 2.92 0.00	40.58 3.16 0.00	43.86 3.48 -1.16	40.48 3.45 -0.02	41.73 3.65 -0.07	42.78 3.52 0.00	48.12 3.91 0.00	49.73 4.07 0.00	48.73 4.11 0.00	52.41 4.44 0.00	66.94 5.62 0.00	40.16 3.38 0.00	35.83 2.89 0.00	36.78 2.79 0.00	32.33 2.36 0.00	30.28 2.03 0.00
KIAC_JFK_GT1 23816	35.41 2.03 0.00	26.52 1.49 0.00	27.44 1.51 0.00	31.96 1.78 0.00	26.91 1.61 0.00	33.19 2.04 0.00	35.50 2.24 0.00	31.57 2.12 0.00	37.47 2.68 0.00	40.40 2.98 0.00	49.54 3.26 -7.05	40.26 3.16 -0.08	41.63 3.34 -0.28	42.43 3.18 0.00	47.71 3.49 0.00	49.27 3.61 0.00	48.25 3.63 0.00	51.91 3.94 0.00	66.24 4.92 0.00	58.06 3.03 -18.26	35.59 2.64 0.00	36.74 2.76 0.00	32.28 2.30 0.00	30.11 1.85 0.00
KIAC_JFK_GT2 23817	35.41 2.03 0.00	26.52 1.49 0.00	27.44 1.51 0.00	31.96 1.78 0.00	26.91 1.61 0.00	33.19 2.04 0.00	35.50 2.24 0.00	31.57 2.12 0.00	37.47 2.68 0.00	40.40 2.98 0.00	49.54 3.26 -7.05	40.26 3.16 -0.08	41.63 3.34 -0.28	42.43 3.18 0.00	47.71 3.49 0.00	49.27 3.61 0.00	48.25 3.63 0.00	51.91 3.94 0.00	66.24 4.92 0.00	58.06 3.03 -18.26	35.59 2.64 0.00	36.74 2.76 0.00	32.28 2.30 0.00	30.11 1.85 0.00
KIAC_JFK____ 323774	35.41 2.03 0.00	26.52 1.49 0.00	27.44 1.51 0.00	31.96 1.78 0.00	26.92 1.62 0.00	33.19 2.04 0.00	35.50 2.24 0.00	31.57 2.12 0.00	37.47 2.67 0.00	40.40 2.98 0.00	49.55 3.27 -7.05	40.25 3.16 -0.08	41.63 3.34 -0.28	42.44 3.19 0.00	47.71 3.49 0.00	49.27 3.61 0.00	48.25 3.63 0.00	51.92 3.94 0.00	66.24 4.92 0.00	58.08 3.04 -18.26	35.59 2.65 0.00	36.74 2.76 0.00	32.28 2.31 0.00	30.11 1.85 0.00
KINTIGH____ 23543	31.91 -1.48 0.00	23.76 -1.26 0.00	24.64 -1.29 0.00	29.08 -1.10 0.00	24.26 -1.05 0.00	29.84 -1.30 0.00	31.60 -1.67 0.00	27.86 -1.59 0.00	32.81 -1.99 0.00	34.64 -2.09 0.69	37.04 -2.28 -0.10	34.34 -2.67 0.01	35.06 -2.92 0.04	36.56 -2.70 0.00	41.30 -2.91 0.00	42.40 -3.26 0.00	41.06 -3.56 0.00	44.26 -3.71 0.00	56.33 -4.99 0.00	33.79 -2.99 0.00	30.14 -2.80 0.00	31.63 -2.36 0.00	28.00 -1.97 0.00	26.75 -1.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.49 0.11 0.00	25.07 0.04 0.00	25.10 -0.82 0.00	28.09 -2.09 0.00	23.15 -2.16 0.00	28.41 -2.74 0.00	30.12 -3.14 0.00	26.89 -2.56 0.00	31.54 -3.26 0.00	32.79 -3.72 0.92	35.55 -3.67 0.00	33.51 -3.51 0.00	34.58 -3.43 0.00	36.96 -2.30 0.00	42.40 -1.82 0.00	44.12 -1.54 0.00	43.56 -1.06 0.00	47.04 -0.93 0.00	60.44 -0.88 0.00	36.43 -0.35 0.00	32.43 -0.51 0.00	34.25 0.26 0.00	30.43 0.45 0.00	28.61 0.36 0.00
LACHUTE__HYDRO 323717	36.29 2.90 0.00	27.50 2.48 0.00	28.59 2.66 0.00	33.65 3.47 0.00	28.16 2.86 0.00	34.61 3.47 0.00	36.93 3.67 0.00	32.85 3.40 0.00	38.61 3.81 0.00	41.24 3.81 0.00	42.12 3.07 0.18	39.84 2.80 -0.02	41.03 2.95 -0.07	42.45 3.19 0.00	47.97 3.75 0.00	49.98 4.32 0.00	49.49 4.87 0.00	52.85 4.88 0.00	67.62 6.30 0.00	40.34 3.55 0.00	35.55 2.61 0.00	37.02 3.04 0.00	32.60 2.63 0.00	30.48 2.22 0.00
LAWRNCALV_115KV_TB1 80681	33.55 0.16 0.00	25.03 0.00 0.00	25.25 -0.68 0.00	28.50 -1.67 0.00	23.50 -1.80 0.00	28.81 -2.33 0.00	30.53 -2.74 0.00	27.19 -2.25 0.00	31.95 -2.85 0.00	33.42 -3.24 0.77	36.07 -3.15 0.00	34.06 -2.96 0.00	34.98 -3.03 0.00	36.89 -2.37 0.00	41.94 -2.28 0.00	43.39 -2.27 0.00	42.88 -1.74 0.00	46.44 -1.54 0.00	59.64 -1.68 0.00	35.84 -0.94 0.00	32.07 -0.88 0.00	33.79 -0.19 0.00	29.91 -0.06 0.00	28.11 -0.15 0.00
LEDERLE____ 23769	35.34 1.95 0.00	26.43 1.40 0.00	27.38 1.45 0.00	31.90 1.72 0.00	26.85 1.55 0.00	33.18 2.03 0.00	35.78 2.51 0.00	31.78 2.34 0.00	37.67 2.87 0.00	40.52 3.10 0.00	45.15 3.30 -2.63	40.36 3.23 -0.11	41.79 3.40 -0.38	42.53 3.28 0.00	47.84 3.62 0.00	49.41 3.75 0.00	48.40 3.78 0.00	52.05 4.08 0.00	66.42 5.10 0.00	39.88 3.10 0.00	35.60 2.66 0.00	36.53 2.54 0.00	32.11 2.14 0.00	30.08 1.82 0.00
LIGHTHSE_115KV_TB6 355974	33.41 0.02 0.00	24.89 -0.13 0.00	25.77 -0.16 0.00	30.01 -0.17 0.00	25.08 -0.22 0.00	30.79 -0.35 0.00	32.72 -0.54 0.00	28.99 -0.46 0.00	34.23 -0.57 0.00	36.78 -0.56 0.09	38.64 -0.64 -0.06	36.36 -0.66 0.00	37.23 -0.78 0.00	38.18 -1.07 0.00	42.86 -1.35 0.00	44.47 -1.19 0.00	43.47 -1.15 0.00	46.81 -1.17 0.00	59.98 -1.35 0.00	35.93 -0.85 0.00	32.38 -0.56 0.00	33.56 -0.42 0.00	29.56 -0.41 0.00	27.81 -0.44 0.00
LINDEN COGEN____ 23786	35.42 2.03 0.00	26.48 1.46 0.00	27.42 1.49 0.00	31.93 1.76 0.00	26.90 1.60 0.00	33.21 2.07 0.00	35.81 2.55 0.00	31.82 2.37 0.00	37.77 2.97 0.00	40.69 3.26 0.00	45.45 3.46 -2.77	40.52 3.42 -0.08	41.88 3.60 -0.28	42.72 3.47 0.00	48.05 3.83 0.00	49.64 3.98 0.00	48.57 3.95 0.00	52.25 4.27 0.00	66.66 5.34 0.00	40.08 3.29 0.00	35.74 2.80 0.00	36.70 2.72 0.00	32.26 2.29 0.00	30.18 1.93 0.00
LINDHRST_69_KV_BK1 356055	35.55 2.24 0.08	26.63 1.61 0.00	27.68 1.76 0.00	32.14 1.97 0.00	27.05 1.75 0.00	33.56 2.42 0.00	36.04 2.78 0.00	31.92 2.47 0.00	38.08 3.28 0.00	41.03 3.60 0.00	51.66 4.31 -8.13	48.31 4.07 -7.22	49.73 4.24 -7.47	46.54 4.15 -3.14	54.53 4.56 -5.75	55.36 4.55 -5.15	54.87 4.54 -5.71	63.60 4.85 -10.78	85.58 6.12 -18.14	63.35 3.85 -22.71	36.15 3.20 0.00	37.17 3.18 0.00	33.93 2.98 -0.97	30.81 2.55 0.00
LIPA_MISC_IPP 23656	34.83 1.68 0.24	26.25 1.23 0.00	27.41 1.48 0.00	31.76 1.58 0.00	26.74 1.44 0.00	33.19 2.05 0.00	35.43 2.17 0.00	31.37 1.92 0.00	37.51 2.71 0.00	40.43 3.00 0.00	48.15 3.98 -4.95	43.88 3.76 -3.10	45.30 3.95 -3.33	44.12 3.90 -0.97	51.05 4.40 -2.44	52.33 4.48 -2.19	45.51 4.47 3.58	27.13 4.70 25.54	39.54 5.65 27.42	53.68 3.60 -13.30	35.73 2.79 0.00	35.72 2.76 1.02	33.62 2.78 -0.87	30.62 2.36 0.00
LISF__SOLAR 323691	34.88 1.72 0.24	26.29 1.26 0.00	27.45 1.52 0.00	31.80 1.62 0.00	26.78 1.48 0.00	33.24 2.10 0.00	35.47 2.21 0.00	31.42 1.97 0.00	37.57 2.77 0.00	40.49 3.07 0.00	48.25 4.05 -4.98	43.99 3.83 -3.15	45.39 4.01 -3.37	44.19 3.95 -0.99	51.17 4.48 -2.48	52.43 4.56 -2.22	43.48 4.56 5.69	15.83 4.79 36.93	24.08 5.74 42.98	53.81 3.63 -13.40	35.79 2.84 0.00	35.40 2.80 1.38	33.67 2.83 -0.87	30.67 2.41 0.00

LITTLE FALLS___HYD 24013	33.76 0.37 0.00	25.32 0.29 0.00	26.29 0.36 0.00	30.56 0.39 0.00	25.75 0.45 0.00	31.80 0.66 0.00	34.16 0.89 0.00	30.30 0.85 0.00	35.73 0.93 0.00	38.39 0.96 0.00	39.98 0.76 0.00	37.69 0.68 0.00	38.85 0.84 0.00	40.24 0.98 0.00	45.27 1.05 0.00	46.78 1.12 0.00	45.93 1.31 0.00	49.44 1.47 0.00	63.06 1.74 0.00	37.76 0.97 0.00	33.78 0.84 0.00	34.67 0.69 0.00	30.59 0.61 0.00	28.74 0.49 0.00
LITTLRIV_115KV_TB1 356100	33.97 0.59 0.00	25.34 0.31 0.00	25.55 -0.38 0.00	28.83 -1.35 0.00	23.79 -1.51 0.00	29.21 -1.94 0.00	30.95 -2.31 0.00	27.59 -1.86 0.00	32.40 -2.40 0.00	33.91 -2.77 0.75	36.60 -2.63 0.00	34.47 -2.54 0.00	35.29 -2.72 0.00	37.25 -2.01 0.00	42.39 -1.83 0.00	43.78 -1.88 0.00	43.44 -1.17 0.00	47.11 -0.87 0.00	60.47 -0.85 0.00	36.32 -0.46 0.00	32.48 -0.46 0.00	34.21 0.22 0.00	30.26 0.29 0.00	28.42 0.17 0.00
LI_NEWBRDGE___DRP 323616	34.85 1.78 0.32	26.28 1.25 0.00	27.31 1.38 0.00	31.74 1.56 0.00	26.70 1.40 0.00	33.09 1.94 0.00	35.53 2.27 0.00	31.47 2.02 0.00	37.50 2.71 0.00	40.39 2.97 0.00	45.35 3.53 -2.60	41.34 3.38 -0.94	42.73 3.57 -1.16	42.55 3.47 0.18	48.66 3.74 -0.70	50.01 3.73 -0.63	48.97 3.65 -0.70	55.83 3.90 -3.96	81.47 5.07 -15.08	44.87 3.16 -4.93	35.60 2.65 0.00	36.61 2.62 0.00	33.23 2.45 -0.81	30.33 2.07 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.04 -1.35 0.00	23.86 -1.16 0.00	24.73 -1.20 0.00	29.26 -0.91 0.00	24.38 -0.92 0.00	29.96 -1.19 0.00	31.64 -1.62 0.00	27.87 -1.58 0.00	32.84 -1.97 0.00	34.59 -2.02 0.82	37.04 -2.30 -0.11	34.18 -2.82 0.01	34.82 -3.15 0.04	36.42 -2.84 0.00	41.11 -3.11 0.00	42.19 -3.47 0.00	40.84 -3.78 0.00	44.01 -3.96 0.00	55.95 -5.37 0.00	33.59 -3.19 0.00	29.96 -2.98 0.00	31.58 -2.41 0.00	28.00 -1.98 0.00	26.90 -1.36 0.00
LOCKPORT___CC1 323769	32.01 -1.37 0.00	23.84 -1.19 0.00	24.70 -1.22 0.00	29.23 -0.94 0.00	24.35 -0.95 0.00	29.94 -1.21 0.00	31.63 -1.64 0.00	27.85 -1.60 0.00	32.81 -1.99 0.00	34.53 -2.06 0.83	37.02 -2.32 -0.11	34.16 -2.85 0.01	34.79 -3.18 0.04	36.37 -2.88 0.00	41.10 -3.12 0.00	42.17 -3.49 0.00	40.82 -3.80 0.00	43.98 -3.99 0.00	55.91 -5.41 0.00	33.57 -3.22 0.00	29.93 -3.01 0.00	31.56 -2.43 0.00	27.98 -1.99 0.00	26.87 -1.39 0.00
LOCKPORT___CC2 323770	32.01 -1.37 0.00	23.84 -1.19 0.00	24.70 -1.22 0.00	29.23 -0.94 0.00	24.35 -0.95 0.00	29.94 -1.21 0.00	31.63 -1.64 0.00	27.85 -1.60 0.00	32.81 -1.99 0.00	34.53 -2.06 0.83	37.02 -2.32 -0.11	34.16 -2.85 0.01	34.79 -3.18 0.04	36.37 -2.88 0.00	41.10 -3.12 0.00	42.17 -3.49 0.00	40.82 -3.80 0.00	43.98 -3.99 0.00	55.91 -5.41 0.00	33.57 -3.22 0.00	29.93 -3.01 0.00	31.56 -2.43 0.00	27.98 -1.99 0.00	26.87 -1.39 0.00
LOCKPORT___CC3 323771	32.01 -1.37 0.00	23.84 -1.19 0.00	24.70 -1.22 0.00	29.23 -0.94 0.00	24.35 -0.95 0.00	29.94 -1.21 0.00	31.63 -1.64 0.00	27.85 -1.60 0.00	32.81 -1.99 0.00	34.53 -2.06 0.83	37.02 -2.32 -0.11	34.16 -2.85 0.01	34.79 -3.18 0.04	36.37 -2.88 0.00	41.10 -3.12 0.00	42.17 -3.49 0.00	40.82 -3.80 0.00	43.98 -3.99 0.00	55.91 -5.41 0.00	33.57 -3.22 0.00	29.93 -3.01 0.00	31.56 -2.43 0.00	27.98 -1.99 0.00	26.87 -1.39 0.00
LONG_LAKE_PHOENIX 24014	32.86 -0.53 0.00	24.59 -0.44 0.00	25.49 -0.44 0.00	29.71 -0.47 0.00	24.95 -0.35 0.00	30.73 -0.41 0.00	32.76 -0.50 0.00	28.98 -0.47 0.00	34.20 -0.60 0.00	36.78 -0.62 0.02	38.64 -0.65 -0.07	36.34 -0.68 0.00	37.26 -0.76 0.00	38.45 -0.80 0.00	43.28 -0.94 0.00	44.62 -1.04 0.00	43.54 -1.07 0.00	46.86 -1.11 0.00	59.83 -1.50 0.00	35.87 -0.91 0.00	32.13 -0.81 0.00	33.16 -0.83 0.00	29.25 -0.73 0.00	27.63 -0.62 0.00
LOVETT___3 23632	35.17 1.78 0.00	26.31 1.28 0.00	27.26 1.33 0.00	31.75 1.58 0.00	26.72 1.42 0.00	33.02 1.88 0.00	35.59 2.33 0.00	31.61 2.16 0.00	37.46 2.66 0.00	40.30 2.87 0.00	44.92 3.05 -2.64	40.12 3.00 -0.11	41.54 3.16 -0.36	42.29 3.04 0.00	47.57 3.35 0.00	49.12 3.46 0.00	48.11 3.48 0.00	51.74 3.77 0.00	66.01 4.69 0.00	39.65 2.87 0.00	35.40 2.46 0.00	36.33 2.35 0.00	31.95 1.98 0.00	29.94 1.68 0.00
LOVETT___4 23642	35.17 1.78 0.00	26.31 1.28 0.00	27.26 1.33 0.00	31.75 1.58 0.00	26.72 1.42 0.00	33.02 1.88 0.00	35.59 2.33 0.00	31.61 2.16 0.00	37.46 2.66 0.00	40.30 2.87 0.00	44.92 3.05 -2.64	40.12 3.00 -0.11	41.54 3.16 -0.36	42.29 3.04 0.00	47.57 3.35 0.00	49.12 3.46 0.00	48.11 3.48 0.00	51.74 3.77 0.00	66.01 4.69 0.00	39.65 2.87 0.00	35.40 2.46 0.00	36.33 2.35 0.00	31.95 1.98 0.00	29.94 1.68 0.00
LOVETT___5 23593	35.17 1.78 0.00	26.31 1.28 0.00	27.26 1.33 0.00	31.75 1.58 0.00	26.72 1.42 0.00	33.02 1.88 0.00	35.59 2.33 0.00	31.61 2.16 0.00	37.46 2.66 0.00	40.30 2.87 0.00	44.92 3.05 -2.64	40.12 3.00 -0.11	41.54 3.16 -0.36	42.29 3.04 0.00	47.57 3.35 0.00	49.12 3.46 0.00	48.11 3.48 0.00	51.74 3.77 0.00	66.01 4.69 0.00	39.65 2.87 0.00	35.40 2.46 0.00	36.33 2.35 0.00	31.95 1.98 0.00	29.94 1.68 0.00
LOWER RAQUET___HYD 24057	33.61 0.23 0.00	25.05 0.02 0.00	25.28 -0.65 0.00	28.55 -1.63 0.00	23.54 -1.76 0.00	28.86 -2.28 0.00	30.58 -2.68 0.00	27.24 -2.21 0.00	32.01 -2.80 0.00	33.51 -3.18 0.74	36.12 -3.10 0.00	34.10 -2.92 0.00	34.99 -3.02 0.00	36.89 -2.36 0.00	41.94 -2.28 0.00	43.40 -2.26 0.00	42.90 -1.71 0.00	46.48 -1.50 0.00	59.70 -1.63 0.00	35.87 -0.91 0.00	32.10 -0.85 0.00	33.83 -0.16 0.00	29.93 -0.04 0.00	28.12 -0.13 0.00
LOWER___HUDSON 24059	34.66 1.28 0.00	26.06 1.03 0.00	27.03 1.10 0.00	31.51 1.33 0.00	26.40 1.10 0.00	32.47 1.33 0.00	34.81 1.54 0.00	30.87 1.42 0.00	36.54 1.74 0.00	39.26 1.84 0.00	40.86 1.83 0.20	38.76 1.72 -0.02	39.84 1.76 -0.08	41.00 1.75 0.00	46.17 1.95 0.00	47.78 2.12 0.00	46.74 2.12 0.00	50.22 2.25 0.00	64.22 2.90 0.00	38.50 1.71 0.00	34.53 1.59 0.00	35.52 1.54 0.00	31.27 1.30 0.00	29.40 1.15 0.00
LOWVILLE_115KV_TB2 356335	34.08 0.70 0.00	25.31 0.28 0.00	26.10 0.17 0.00	30.20 0.02 0.00	25.01 -0.29 0.00	30.66 -0.48 0.00	32.41 -0.86 0.00	28.74 -0.71 0.00	33.95 -0.84 0.00	36.26 -0.96 0.21	38.23 -0.99 0.00	36.10 -0.92 0.00	36.79 -1.22 0.00	37.87 -1.39 0.00	42.65 -1.56 0.00	44.49 -1.17 0.00	43.82 -0.79 0.00	47.24 -0.73 0.00	60.70 -0.63 0.00	36.37 -0.41 0.00	32.76 -0.18 0.00	34.53 0.54 0.00	30.31 0.33 0.00	28.29 0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.11 1.72 0.00	26.38 1.35 0.00	27.37 1.44 0.00	31.90 1.72 0.00	26.69 1.39 0.00	32.82 1.68 0.00	35.18 1.92 0.00	31.20 1.75 0.00	36.88 2.07 0.00	39.66 2.24 0.00	41.26 2.22 0.18	39.05 2.01 -0.02	40.12 2.05 -0.07	41.28 2.03 0.00	46.47 2.26 0.00	48.17 2.51 0.00	47.17 2.54 0.00	50.69 2.72 0.00	64.78 3.45 0.00	38.80 2.01 0.00	34.71 1.77 0.00	35.75 1.76 0.00	31.50 1.53 0.00	29.60 1.35 0.00

LUTHERNY_35_KV_BK2 355980	35.10 1.71 0.00	26.37 1.34 0.00	27.36 1.43 0.00	31.89 1.72 0.00	26.69 1.39 0.00	32.82 1.68 0.00	35.21 1.95 0.00	31.20 1.75 0.00	36.90 2.10 0.00	39.67 2.24 0.00	41.30 2.25 0.18	39.07 2.03 -0.02	40.15 2.07 -0.07	41.31 2.05 0.00	46.50 2.28 0.00	48.24 2.58 0.00	47.20 2.58 0.00	50.79 2.82 0.00	64.82 3.49 0.00	38.81 2.03 0.00	34.73 1.79 0.00	35.75 1.76 0.00	31.50 1.53 0.00	29.60 1.35 0.00
LWR___OSWEGATCHIE_HYD 23850	33.80 0.41 0.00	25.07 0.04 0.00	25.57 -0.36 0.00	29.25 -0.93 0.00	24.18 -1.12 0.00	29.64 -1.50 0.00	31.33 -1.93 0.00	27.87 -1.58 0.00	32.83 -1.97 0.00	34.69 -2.24 0.50	37.01 -2.22 0.00	34.94 -2.08 0.00	35.70 -2.31 0.00	37.13 -2.13 0.00	41.99 -2.23 0.00	43.66 -2.00 0.00	43.07 -1.55 0.00	46.57 -1.41 0.00	59.84 -1.49 0.00	35.90 -0.89 0.00	32.23 -0.71 0.00	33.94 -0.05 0.00	29.88 -0.09 0.00	28.00 -0.25 0.00
LYONS_FALL_HYD 23570	34.12 0.73 0.00	25.41 0.39 0.00	26.26 0.33 0.00	30.44 0.26 0.00	25.35 0.05 0.00	31.18 0.03 0.00	33.08 -0.18 0.00	29.33 -0.12 0.00	34.65 -0.15 0.00	37.10 -0.20 0.13	39.02 -0.21 0.00	36.81 -0.20 0.00	37.62 -0.39 0.00	38.78 -0.47 0.00	43.71 -0.51 0.00	45.41 -0.25 0.00	44.62 0.00 0.00	48.04 0.06 0.00	61.62 0.30 0.00	36.93 0.14 0.00	33.17 0.23 0.00	34.69 0.70 0.00	30.46 0.49 0.00	28.52 0.26 0.00
MADISON___COUNTY_LFGE 323628	34.24 0.86 0.00	25.62 0.60 0.00	26.58 0.65 0.00	30.93 0.76 0.00	25.99 0.69 0.00	32.12 0.97 0.00	34.26 0.99 0.00	30.34 0.89 0.00	35.87 1.07 0.00	38.53 1.14 0.03	40.42 1.14 -0.05	38.02 1.00 0.00	38.98 0.97 0.00	40.19 0.93 0.00	45.33 1.11 0.00	46.87 1.21 0.00	45.84 1.22 0.00	49.22 1.25 0.00	62.91 1.59 0.00	37.68 0.90 0.00	33.71 0.77 0.00	34.84 0.86 0.00	30.69 0.72 0.00	28.87 0.62 0.00
MALONE___115KV_TB1 356076	33.42 0.03 0.00	24.96 -0.07 0.00	25.03 -0.90 0.00	28.12 -2.06 0.00	23.15 -2.15 0.00	28.40 -2.75 0.00	30.15 -3.12 0.00	26.85 -2.60 0.00	31.54 -3.26 0.00	32.87 -3.69 0.86	35.66 -3.57 0.00	33.61 -3.41 0.00	34.69 -3.32 0.00	36.91 -2.35 0.00	42.13 -2.09 0.00	43.74 -1.92 0.00	43.21 -1.40 0.00	46.73 -1.24 0.00	60.07 -1.25 0.00	36.17 -0.61 0.00	32.26 -0.68 0.00	34.04 0.06 0.00	30.18 0.20 0.00	28.37 0.11 0.00
MAPLEWOD_115KV_TB3 80458	34.32 0.93 0.00	25.81 0.79 0.00	26.79 0.86 0.00	31.17 1.00 0.00	26.15 0.85 0.00	32.14 0.99 0.00	34.47 1.20 0.00	30.57 1.12 0.00	36.21 1.41 0.00	38.92 1.50 0.00	40.58 1.56 0.19	38.51 1.47 -0.02	39.60 1.52 -0.08	40.76 1.51 0.00	45.89 1.67 0.00	47.44 1.78 0.00	46.43 1.81 0.00	49.85 1.88 0.00	63.75 2.43 0.00	38.23 1.45 0.00	34.28 1.34 0.00	35.27 1.29 0.00	31.03 1.06 0.00	29.17 0.92 0.00
MAPLE_RIDGE_WT_1 323574	33.22 -0.16 0.00	24.86 -0.17 0.00	25.49 -0.44 0.00	29.27 -0.91 0.00	24.31 -0.99 0.00	29.81 -1.33 0.00	31.67 -1.59 0.00	28.06 -1.39 0.00	33.09 -1.71 0.00	34.51 -1.88 1.03	37.32 -1.90 0.00	35.29 -1.73 0.00	36.28 -1.73 0.00	37.66 -1.59 0.00	42.74 -1.48 0.00	44.19 -1.47 0.00	43.28 -1.34 0.00	46.73 -1.25 0.00	60.05 -1.27 0.00	36.06 -0.72 0.00	32.35 -0.59 0.00	33.73 -0.26 0.00	29.83 -0.14 0.00	28.06 -0.20 0.00
MAPLE_RIDGE_WT_2 323611	33.22 -0.16 0.00	24.86 -0.17 0.00	25.49 -0.44 0.00	29.27 -0.91 0.00	24.31 -0.99 0.00	29.81 -1.33 0.00	31.67 -1.59 0.00	28.06 -1.39 0.00	33.09 -1.71 0.00	34.51 -1.88 1.03	37.32 -1.90 0.00	35.29 -1.73 0.00	36.28 -1.73 0.00	37.66 -1.59 0.00	42.74 -1.48 0.00	44.19 -1.47 0.00	43.28 -1.34 0.00	46.73 -1.25 0.00	60.05 -1.27 0.00	36.06 -0.72 0.00	32.35 -0.59 0.00	33.73 -0.26 0.00	29.83 -0.14 0.00	28.06 -0.20 0.00
MARBLE_RIVER_WT_PWR 323696	32.97 -0.42 0.00	24.65 -0.38 0.00	24.69 -1.24 0.00	27.67 -2.50 0.00	22.77 -2.53 0.00	27.93 -3.21 0.00	29.60 -3.66 0.00	26.38 -3.07 0.00	30.95 -3.85 0.00	32.17 -4.33 0.92	34.95 -4.27 0.00	32.98 -4.03 0.00	34.11 -3.90 0.00	36.41 -2.84 0.00	41.73 -2.49 0.00	43.33 -2.33 0.00	42.72 -1.90 0.00	46.16 -1.81 0.00	59.36 -1.97 0.00	35.76 -1.02 0.00	31.87 -1.07 0.00	33.67 -0.31 0.00	29.90 -0.07 0.00	28.14 -0.12 0.00
MARSHVLE_115KV_TB1 80742	35.39 2.01 0.00	26.44 1.41 0.00	27.25 1.32 0.00	31.71 1.53 0.00	26.51 1.21 0.00	32.68 1.54 0.00	34.99 1.73 0.00	30.98 1.53 0.00	36.42 1.62 0.00	39.19 1.77 0.00	40.76 1.61 0.07	38.49 1.47 0.00	39.27 1.26 0.00	40.92 1.66 0.00	46.31 2.09 0.00	47.71 2.05 0.00	46.74 2.12 0.00	50.38 2.41 0.00	64.39 3.07 0.00	38.56 1.78 0.00	34.50 1.55 0.00	35.75 1.76 0.00	31.49 1.52 0.00	29.69 1.44 0.00
MARSH_HILL_WT_PWR 323713	31.34 -2.04 0.00	23.05 -1.98 0.00	23.87 -2.06 0.00	28.08 -2.10 0.00	23.58 -1.73 0.00	29.37 -1.78 0.00	31.50 -1.76 0.00	27.81 -1.64 0.00	32.96 -1.84 0.00	33.17 -1.98 2.28	37.40 -1.98 -0.16	34.79 -2.21 0.02	36.47 -2.02 -0.47	38.09 -1.16 0.00	43.15 -1.07 0.00	44.40 -1.25 0.00	43.02 -1.59 0.00	45.98 -2.00 0.00	58.64 -2.68 0.00	35.13 -1.65 0.00	31.07 -1.87 0.00	32.44 -1.55 0.00	28.79 -1.19 0.00	27.39 -0.86 0.00
MCINTYRE_115KV_TB2 80467	34.10 0.72 0.00	25.47 0.44 0.00	25.65 -0.28 0.00	28.91 -1.27 0.00	23.87 -1.43 0.00	29.32 -1.82 0.00	31.07 -2.20 0.00	27.70 -1.75 0.00	32.51 -2.28 0.00	33.99 -2.66 0.78	36.74 -2.49 0.00	34.57 -2.45 0.00	35.33 -2.68 0.00	37.34 -1.92 0.00	42.56 -1.65 0.00	43.85 -1.81 0.00	43.65 -0.97 0.00	47.38 -0.59 0.00	60.79 -0.54 0.00	36.51 -0.27 0.00	32.64 -0.31 0.00	34.37 0.38 0.00	30.42 0.45 0.00	28.56 0.31 0.00
MECO_____69_KV_BK1 80468	35.63 2.25 0.00	26.63 1.61 0.00	27.52 1.59 0.00	32.02 1.85 0.00	26.81 1.51 0.00	33.09 1.95 0.00	35.53 2.27 0.00	31.52 2.07 0.00	37.10 2.30 0.00	39.87 2.45 0.00	41.45 2.33 0.11	39.22 2.19 -0.01	40.10 2.04 -0.04	41.55 2.30 0.00	47.03 2.81 0.00	48.63 2.97 0.00	47.71 3.09 0.00	51.41 3.44 0.00	65.69 4.37 0.00	39.33 2.54 0.00	35.16 2.22 0.00	36.28 2.29 0.00	31.94 1.97 0.00	30.05 1.80 0.00
MENANDS___115KV_TB5 355628	34.10 0.71 0.00	25.67 0.64 0.00	26.64 0.71 0.00	31.00 0.82 0.00	26.00 0.70 0.00	31.95 0.80 0.00	34.25 0.99 0.00	30.37 0.93 0.00	35.98 1.18 0.00	38.66 1.24 0.00	40.31 1.29 0.20	38.28 1.24 -0.02	39.36 1.28 -0.08	40.53 1.28 0.00	45.62 1.40 0.00	47.14 1.49 0.00	46.14 1.52 0.00	49.54 1.56 0.00	63.37 2.04 0.00	38.00 1.22 0.00	34.08 1.14 0.00	35.05 1.07 0.00	30.85 0.88 0.00	29.00 0.75 0.00
MG INDUSTRY___DRP 24185	34.09 0.70 0.00	25.64 0.62 0.00	26.62 0.69 0.00	30.98 0.80 0.00	25.98 0.68 0.00	31.93 0.79 0.00	34.20 0.93 0.00	30.30 0.85 0.00	35.85 1.06 0.00	38.54 1.11 0.00	40.28 1.15 0.10	38.13 1.10 -0.02	39.20 1.11 -0.08	40.36 1.11 0.00	45.46 1.25 0.00	47.01 1.35 0.00	46.01 1.39 0.00	49.40 1.43 0.00	63.19 1.87 0.00	37.90 1.11 0.00	33.98 1.04 0.00	34.98 0.99 0.00	30.82 0.84 0.00	28.99 0.74 0.00

MID___OSWEGATCHIE_HYD 23849	33.80 0.41 0.00	25.07 0.04 0.00	25.57 -0.36 0.00	29.25 -0.93 0.00	24.18 -1.12 0.00	29.64 -1.50 0.00	31.33 -1.93 0.00	27.87 -1.58 0.00	32.83 -1.97 0.00	34.69 -2.24 0.50	37.01 -2.22 0.00	34.94 -2.08 0.00	35.70 -2.31 0.00	37.13 -2.13 0.00	41.99 -2.23 0.00	43.66 -2.00 0.00	43.07 -1.55 0.00	46.57 -1.41 0.00	59.84 -1.49 0.00	35.90 -0.89 0.00	32.23 -0.71 0.00	33.94 -0.05 0.00	29.88 -0.09 0.00	28.00 -0.25 0.00
MID___RAQUETTE_HYD 23851	33.61 0.22 0.00	25.05 0.02 0.00	25.28 -0.65 0.00	28.55 -1.63 0.00	23.54 -1.76 0.00	28.86 -2.28 0.00	30.59 -2.68 0.00	27.24 -2.21 0.00	32.01 -2.79 0.00	33.51 -3.18 0.74	36.13 -3.09 0.00	34.11 -2.91 0.00	35.00 -3.01 0.00	36.89 -2.36 0.00	41.94 -2.28 0.00	43.40 -2.25 0.00	42.90 -1.71 0.00	46.48 -1.50 0.00	59.70 -1.62 0.00	35.87 -0.91 0.00	32.09 -0.85 0.00	33.83 -0.16 0.00	29.93 -0.04 0.00	28.12 -0.13 0.00
MILLIKEN___1 23584	33.92 0.54 0.00	25.31 0.28 0.00	26.22 0.29 0.00	30.58 0.40 0.00	25.74 0.44 0.00	31.84 0.70 0.00	34.17 0.91 0.00	30.25 0.80 0.00	35.74 0.93 0.00	41.12 0.99 -2.70	40.37 0.95 -0.20	37.92 0.92 0.02	38.71 0.77 0.07	40.06 0.80 0.00	45.12 0.90 0.00	46.48 0.82 0.00	45.27 0.65 0.00	48.71 0.73 0.00	62.15 0.82 0.00	37.26 0.47 0.00	33.29 0.35 0.00	34.35 0.36 0.00	30.30 0.33 0.00	28.63 0.37 0.00
MILLIKEN___2 23585	33.92 0.54 0.00	25.31 0.28 0.00	26.22 0.29 0.00	30.58 0.40 0.00	25.74 0.44 0.00	31.84 0.70 0.00	34.17 0.91 0.00	30.25 0.80 0.00	35.74 0.93 0.00	41.12 0.99 -2.70	40.37 0.95 -0.20	37.92 0.92 0.02	38.71 0.77 0.07	40.06 0.80 0.00	45.12 0.90 0.00	46.48 0.82 0.00	45.27 0.65 0.00	48.71 0.73 0.00	62.15 0.82 0.00	37.26 0.47 0.00	33.29 0.35 0.00	34.35 0.36 0.00	30.30 0.33 0.00	28.63 0.37 0.00
MILLIKEN___DIESEL 23629	33.92 0.54 0.00	25.31 0.28 0.00	26.22 0.29 0.00	30.58 0.40 0.00	25.74 0.44 0.00	31.84 0.70 0.00	34.17 0.91 0.00	30.25 0.80 0.00	35.74 0.93 0.00	41.12 0.99 -2.70	40.37 0.95 -0.20	37.92 0.92 0.02	38.71 0.77 0.07	40.06 0.80 0.00	45.12 0.90 0.00	46.48 0.82 0.00	45.27 0.65 0.00	48.71 0.73 0.00	62.15 0.82 0.00	37.26 0.47 0.00	33.29 0.35 0.00	34.35 0.36 0.00	30.30 0.33 0.00	28.63 0.37 0.00
MILLSEAT___LFGE 323607	32.67 -0.71 0.00	24.32 -0.70 0.00	25.21 -0.72 0.00	29.79 -0.39 0.00	24.84 -0.46 0.00	30.59 -0.55 0.00	32.42 -0.84 0.00	28.64 -0.81 0.00	33.76 -1.04 0.00	35.64 -1.01 0.77	38.10 -1.23 -0.11	35.23 -1.77 0.01	35.91 -2.06 0.04	37.50 -1.75 0.00	42.35 -1.86 0.00	43.49 -2.17 0.00	42.15 -2.47 0.00	45.42 -2.55 0.00	57.73 -3.59 0.00	34.63 -2.16 0.00	30.85 -2.09 0.00	32.40 -1.59 0.00	28.67 -1.30 0.00	27.45 -0.81 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.20 1.81 0.00	26.35 1.32 0.00	27.30 1.37 0.00	31.80 1.62 0.00	26.76 1.46 0.00	33.04 1.90 0.00	35.60 2.34 0.00	31.62 2.17 0.00	37.50 2.70 0.00	40.37 2.95 0.00	45.02 3.12 -2.68	40.15 3.05 -0.09	41.51 3.21 -0.29	42.35 3.10 0.00	47.63 3.41 0.00	49.21 3.55 0.00	48.18 3.56 0.00	51.82 3.85 0.00	66.13 4.81 0.00	39.73 2.95 0.00	35.49 2.54 0.00	36.43 2.45 0.00	32.06 2.08 0.00	30.01 1.76 0.00
MILLWOOD_13_KV_LOAD 356217	35.25 1.86 0.00	26.38 1.35 0.00	27.33 1.41 0.00	31.84 1.66 0.00	26.79 1.49 0.00	33.09 1.95 0.00	35.64 2.38 0.00	31.67 2.22 0.00	37.56 2.76 0.00	40.44 3.01 0.00	45.09 3.18 -2.68	40.23 3.12 -0.09	41.59 3.28 -0.29	42.42 3.17 0.00	47.71 3.49 0.00	49.29 3.63 0.00	48.27 3.65 0.00	51.91 3.94 0.00	66.25 4.93 0.00	39.80 3.02 0.00	35.55 2.61 0.00	36.49 2.50 0.00	32.10 2.13 0.00	30.06 1.80 0.00
MODEL_CITY_ENERGY 24167	31.70 -1.69 0.00	23.62 -1.40 0.00	24.48 -1.45 0.00	28.97 -1.21 0.00	24.13 -1.17 0.00	29.61 -1.53 0.00	31.24 -2.02 0.00	27.51 -1.94 0.00	32.39 -2.41 0.00	34.09 -2.49 0.84	36.54 -2.80 -0.11	33.70 -3.31 0.01	34.32 -3.65 0.04	35.87 -3.38 0.00	40.52 -3.69 0.00	41.58 -4.08 0.00	40.26 -4.36 0.00	43.36 -4.61 0.00	55.14 -6.19 0.00	33.12 -3.67 0.00	29.54 -3.40 0.00	31.17 -2.82 0.00	27.65 -2.32 0.00	26.60 -1.65 0.00
MODERN_LFGE___ 323580	31.70 -1.69 0.00	23.62 -1.40 0.00	24.48 -1.45 0.00	28.97 -1.21 0.00	24.13 -1.17 0.00	29.61 -1.53 0.00	31.24 -2.02 0.00	27.51 -1.94 0.00	32.39 -2.41 0.00	34.09 -2.49 0.84	36.54 -2.80 -0.11	33.70 -3.31 0.01	34.32 -3.65 0.04	35.87 -3.38 0.00	40.52 -3.69 0.00	41.58 -4.08 0.00	40.26 -4.36 0.00	43.36 -4.61 0.00	55.14 -6.19 0.00	33.12 -3.67 0.00	29.54 -3.40 0.00	31.17 -2.82 0.00	27.65 -2.32 0.00	26.60 -1.65 0.00
MOHAWK_PAPER___DRP 24187	34.32 0.93 0.00	25.81 0.79 0.00	26.79 0.86 0.00	31.17 1.00 0.00	26.15 0.85 0.00	32.14 0.99 0.00	34.47 1.20 0.00	30.57 1.12 0.00	36.21 1.41 0.00	38.92 1.50 0.19	40.58 1.56 -0.02	38.51 1.47 -0.08	39.60 1.52 0.00	40.76 1.51 0.00	45.89 1.67 0.00	47.44 1.78 0.00	46.43 1.81 0.00	49.85 1.88 0.00	63.75 2.43 0.00	38.23 1.45 0.00	34.28 1.34 0.00	35.27 1.29 0.00	31.03 1.06 0.00	29.17 0.92 0.00
MOHICAN___35_KV_115KV_LD 80490	35.52 2.14 0.00	26.74 1.72 0.00	27.77 1.84 0.00	32.37 2.19 0.00	27.03 1.73 0.00	33.16 2.02 0.00	35.47 2.21 0.00	31.50 2.05 0.00	37.17 2.37 0.00	39.94 2.52 0.00	41.36 2.32 0.18	39.03 1.99 -0.02	40.14 2.06 -0.07	41.25 2.00 0.00	46.40 2.19 0.00	48.26 2.60 0.00	47.35 2.73 0.00	50.80 2.83 0.00	64.96 3.64 0.00	38.87 2.09 0.00	34.67 1.73 0.00	35.78 1.80 0.00	31.57 1.60 0.00	29.63 1.37 0.00
MONGAUP___HYD 23641	35.54 2.16 0.00	26.54 1.51 0.00	27.48 1.56 0.00	32.08 1.90 0.00	26.95 1.65 0.00	33.25 2.11 0.00	35.93 2.66 0.00	31.70 2.25 0.00	37.53 2.73 0.00	40.56 3.14 -2.37	44.89 3.31 0.33	39.89 3.20 1.12	40.24 3.34 0.00	42.53 3.28 0.00	47.86 3.64 0.00	49.44 3.78 0.00	48.45 3.83 0.00	52.03 4.06 0.00	66.67 5.35 0.00	40.01 3.23 0.00	35.62 2.68 0.00	36.67 2.69 0.00	32.14 2.17 0.00	30.27 2.02 0.00
MONTAUK___DIESEL 23721	34.00 0.85 0.24	25.52 0.49 0.00	26.67 0.74 0.00	30.93 0.75 0.00	26.06 0.76 0.00	32.44 1.30 0.00	34.67 1.40 0.00	30.73 1.28 0.00	36.82 2.01 0.00	39.76 2.33 0.00	47.42 3.23 -4.96	43.37 3.23 -3.12	45.11 3.75 -3.35	44.45 4.22 -0.98	52.20 5.53 -2.46	53.80 5.95 -2.20	46.67 5.83 3.78	27.29 5.95 26.64	39.54 7.15 28.93	54.62 4.50 -13.34	36.40 3.46 0.00	36.66 3.72 1.05	34.64 3.80 -0.87	31.55 3.29 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.18 -0.21 0.00	24.59 -0.43 0.00	25.38 -0.55 0.00	29.74 -0.44 0.00	24.57 -0.73 0.00	30.37 -0.77 0.00	32.53 -0.73 0.00	28.64 -0.81 0.00	33.65 -1.15 0.00	35.11 -1.23 1.09	37.83 -1.53 -0.13	34.93 -2.07 0.01	23.84 -2.44 11.73	37.14 -2.12 0.00	41.97 -2.25 0.00	43.30 -2.36 0.00	41.65 -2.97 0.00	44.95 -3.03 0.00	57.25 -4.07 0.00	34.49 -2.30 0.00	30.93 -2.02 0.00	32.60 -1.39 0.00	28.92 -1.06 0.00	27.84 -0.42 0.00

MORRIS_RIDGE___SOLAR 323848	31.98 -1.41 0.00	23.62 -1.40 0.00	24.45 -1.48 0.00	28.78 -1.39 0.00	24.17 -1.13 0.00	30.00 -1.14 0.00	31.95 -1.31 0.00	28.26 -1.19 0.00	33.37 -1.43 0.00	34.28 -1.59 1.56	37.66 -1.72 -0.15	35.11 -2.00 -0.10	35.95 -2.01 0.05	37.82 -1.43 0.00	42.66 -1.56 0.00	43.84 -1.81 0.00	42.49 -2.13 0.00	45.58 -2.39 0.00	58.02 -3.31 0.00	34.84 -1.94 0.00	31.02 -1.92 0.00	32.42 -1.57 0.00	28.77 -1.21 0.00	27.43 -0.82 0.00
MORTIMER_115KV_TB3 55949	32.60 -0.79 0.00	24.30 -0.73 0.00	25.18 -0.74 0.00	29.60 -0.58 0.00	24.75 -0.55 0.00	30.49 -0.65 0.00	32.44 -0.83 0.00	28.66 -0.79 0.00	33.82 -0.98 0.00	35.85 -1.01 0.57	38.22 -1.10 -0.10	35.58 -1.44 0.00	36.42 -1.60 0.00	37.84 -1.42 0.00	42.71 -1.51 0.00	43.93 -1.73 0.00	42.68 -1.94 0.00	45.99 -1.99 0.00	58.56 -2.77 0.00	35.10 -1.68 0.00	31.31 -1.63 0.00	32.65 -1.34 0.00	28.83 -1.15 0.00	27.39 -0.86 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.40 2.01 0.00	26.48 1.46 0.00	27.43 1.50 0.00	31.95 1.77 0.00	26.89 1.59 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.76 2.96 0.00	40.68 3.25 0.00	45.44 3.45 -2.77	40.50 3.40 -0.08	41.85 3.56 -0.28	42.68 3.43 0.00	48.02 3.80 0.00	49.59 3.93 0.00	48.55 3.93 0.00	52.20 4.23 0.00	66.62 5.29 0.00	40.04 3.25 0.00	35.75 2.81 0.00	36.73 2.74 0.00	32.31 2.33 0.00	30.22 1.97 0.00
MUNSVILLE_WIND_PWR 323609	35.74 2.35 0.00	26.60 1.57 0.00	27.50 1.57 0.00	31.88 1.70 0.00	27.10 1.80 0.00	34.02 2.88 0.00	37.50 4.23 0.00	32.89 3.44 0.00	38.98 4.18 0.00	43.84 4.10 -2.32	44.20 4.35 -0.63	41.57 4.61 0.06	46.35 8.55 0.20	49.01 9.76 0.00	55.08 10.86 0.00	56.67 11.01 0.00	52.26 7.64 0.00	56.34 8.37 0.00	72.35 11.03 0.00	42.97 6.18 0.00	38.53 5.59 0.00	39.30 5.31 0.00	34.62 4.64 0.00	32.51 4.26 0.00
N SALMON___HYD 24042	33.42 0.03 0.00	24.96 -0.07 0.00	25.03 -0.90 0.00	28.12 -2.06 0.00	23.15 -2.15 0.00	28.40 -2.75 0.00	30.15 -3.12 0.00	26.85 -2.60 0.00	31.54 -3.26 0.00	32.87 -3.69 0.86	35.65 -3.57 0.00	33.61 -3.41 0.00	34.69 -3.32 0.00	36.91 -2.35 0.00	42.13 -2.09 0.00	43.74 -1.92 0.00	43.21 -1.41 0.00	46.74 -1.24 0.00	60.07 -1.25 0.00	36.17 -0.61 0.00	32.26 -0.68 0.00	34.04 0.06 0.00	30.18 0.20 0.00	28.37 0.12 0.00
N.AKRON__115KV_KNAPP 355671	32.51 -0.87 0.00	24.21 -0.82 0.00	25.09 -0.84 0.00	29.67 -0.51 0.00	24.74 -0.56 0.00	30.44 -0.71 0.00	32.22 -1.04 0.00	28.44 -1.01 0.00	33.52 -1.28 0.00	35.36 -1.28 0.79	37.83 -1.51 -0.11	34.96 -2.05 0.01	35.62 -2.35 0.04	37.23 -2.02 0.00	42.03 -2.19 0.00	43.14 -2.53 0.00	41.79 -2.83 0.00	45.03 -2.94 0.00	57.23 -4.09 0.00	34.34 -2.45 0.00	30.60 -2.34 0.00	32.18 -1.81 0.00	28.49 -1.48 0.00	27.31 -0.94 0.00
N.BELMOR_69_KV_BK1 55787	35.71 2.06 -0.27	26.48 1.45 0.00	27.50 1.57 0.00	31.97 1.79 0.00	26.90 1.60 0.00	33.33 2.19 0.00	35.84 2.57 0.00	31.76 2.31 0.00	37.83 3.03 0.00	40.74 3.31 0.00	59.64 3.87 -16.55	56.98 3.72 -16.25	58.44 3.90 -16.53	50.96 3.82 -7.89	61.32 4.11 -13.00	61.37 4.07 -11.64	61.55 4.02 -12.91	74.05 4.32 -21.76	89.42 5.61 -22.49	91.76 3.52 -51.45	35.91 2.97 0.00	36.90 2.92 0.00	33.86 2.68 -1.21	30.55 2.29 0.00
N.E_GEN_SANDY PD 24062	39.84 1.35 -5.11	29.31 1.08 -3.21	30.61 1.14 -3.54	32.91 1.39 -1.34	30.39 1.19 -3.90	32.97 1.49 -0.34	35.26 1.78 -0.22	45.51 1.65 -14.41	40.61 2.05 -3.76	39.85 2.19 -0.23	40.86 2.20 0.56	39.45 2.10 -0.33	40.33 2.18 -0.14	41.41 2.16 0.00	46.57 2.40 0.05	48.21 2.55 0.00	47.33 2.59 -0.12	50.74 2.76 0.00	64.89 3.57 0.00	39.69 2.15 -0.76	38.68 1.96 -3.78	37.65 1.88 -1.78	31.57 1.60 0.00	30.34 1.39 -0.70
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.23 1.85 0.00	26.35 1.33 0.00	27.30 1.38 0.00	31.81 1.63 0.00	26.77 1.47 0.00	33.08 1.94 0.00	35.66 2.40 0.00	31.67 2.22 0.00	37.53 2.73 0.00	40.37 2.95 0.00	45.00 3.14 -2.64	40.21 3.09 -0.11	41.63 3.25 -0.37	42.38 3.13 0.00	47.66 3.45 0.00	49.23 3.57 0.00	48.22 3.60 0.00	51.85 3.88 0.00	66.16 4.84 0.00	39.74 2.96 0.00	35.48 2.54 0.00	36.40 2.41 0.00	32.01 2.04 0.00	29.99 1.74 0.00
N.QUEENS_27_KV_LOAD 356247	35.47 2.09 0.00	26.53 1.51 0.00	27.46 1.53 0.00	31.98 1.80 0.00	26.91 1.61 0.00	33.21 2.07 0.00	35.79 2.52 0.00	31.84 2.39 0.00	37.85 3.05 0.00	40.74 3.32 0.00	47.17 3.53 -4.42	40.60 3.50 -0.08	41.92 3.64 -0.28	42.80 3.54 0.00	48.13 3.92 0.00	49.70 4.04 0.00	48.67 4.05 0.00	52.32 4.34 0.00	66.72 5.39 0.00	47.27 3.38 -7.10	35.86 2.91 0.00	36.86 2.87 0.00	32.29 2.32 0.00	30.17 1.92 0.00
N.TROY___115KV_TB1 355778	34.66 1.28 0.00	26.06 1.03 0.00	27.03 1.10 0.00	31.51 1.33 0.00	26.40 1.10 0.00	32.47 1.33 0.00	34.80 1.54 0.00	30.87 1.43 0.00	36.54 1.74 0.00	39.26 1.84 0.00	40.85 1.83 0.20	38.76 1.72 -0.02	39.85 1.76 -0.08	41.00 1.75 0.00	46.17 1.95 0.00	47.78 2.12 0.00	46.74 2.12 0.00	50.22 2.25 0.00	64.22 2.90 0.00	38.50 1.71 0.00	34.53 1.59 0.00	35.52 1.54 0.00	31.27 1.30 0.00	29.40 1.15 0.00
NARROWS_GT1_1 24228	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT1_2 24229	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT1_3 24230	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT1_4 24231	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00

NARROWS_GT1_5 24232	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT1_6 24233	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT1_7 24234	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT1_8 24235	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT2_1 24236	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT2_2 24237	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT2_3 24238	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT2_4 24239	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT2_5 24240	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT2_6 24241	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT2_7 24242	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NARROWS_GT2_8 24243	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.97 2.52 0.00	37.97 3.17 0.00	40.90 3.48 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.97 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.83 4.21 0.00	52.49 4.52 0.00	66.99 5.66 0.00	40.27 3.49 0.00	35.92 2.98 0.00	36.88 2.89 0.00	32.41 2.43 0.00	30.33 2.08 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.57 1.18 0.00	26.03 1.00 0.00	27.02 1.09 0.00	31.46 1.29 0.00	26.36 1.06 0.00	32.40 1.26 0.00	34.79 1.53 0.00	30.94 1.50 0.00	36.65 1.85 0.00	39.38 1.96 0.00	41.36 2.02 -0.11	39.00 1.96 -0.03	40.03 1.93 -0.10	41.27 2.01 0.00	46.52 2.30 0.00	48.15 2.49 0.00	47.17 2.55 0.00	50.68 2.71 0.00	64.82 3.50 0.00	38.80 2.01 0.00	34.75 1.81 0.00	35.76 1.78 0.00	31.43 1.46 0.00	29.51 1.26 0.00
NCHELSEA_115KV_TR2 355582	35.36 1.98 0.00	26.48 1.45 0.00	27.44 1.51 0.00	31.95 1.78 0.00	26.87 1.57 0.00	33.21 2.06 0.00	35.77 2.51 0.00	31.81 2.36 0.00	37.74 2.94 0.00	40.63 3.21 0.00	44.30 3.40 -1.68	40.40 3.30 -0.07	41.74 3.47 -0.25	42.65 3.40 0.00	47.99 3.77 0.00	49.58 3.92 0.00	48.57 3.95 0.00	52.25 4.27 0.00	66.69 5.37 0.00	40.04 3.26 0.00	35.75 2.81 0.00	36.70 2.71 0.00	32.28 2.30 0.00	30.23 1.98 0.00
NEG CAPITAL___MECHNVIL 23645	35.12 1.73 0.00	26.39 1.36 0.00	27.37 1.44 0.00	31.90 1.72 0.00	26.71 1.41 0.00	32.86 1.72 0.00	35.24 1.97 0.00	31.24 1.79 0.00	36.96 2.16 0.00	39.75 2.33 0.00	41.36 2.32 0.19	39.16 2.12 -0.02	40.24 2.16 -0.07	41.40 2.15 0.00	46.62 2.40 0.00	48.29 2.63 0.00	47.29 2.67 0.00	50.81 2.84 0.00	64.96 3.63 0.00	38.92 2.13 0.00	34.83 1.88 0.00	35.85 1.86 0.00	31.57 1.60 0.00	29.66 1.41 0.00



NEG CENTRAL_HIGH_ACRES 23767	32.19 -1.19 0.00	24.02 -1.01 0.00	24.89 -1.04 0.00	29.19 -0.99 0.00	24.43 -0.87 0.00	30.13 -1.01 0.00	32.13 -1.13 0.00	28.41 -1.04 0.00	33.53 -1.27 0.00	35.69 -1.32 0.41	37.88 -1.44 -0.09	35.37 -1.65 0.00	36.21 -1.80 0.00	37.58 -1.67 0.00	42.41 -1.80 0.00	43.64 -2.02 0.00	42.45 -2.17 0.00	45.71 -2.26 0.00	58.22 -3.10 0.00	34.90 -1.88 0.00	31.15 -1.79 0.00	32.38 -1.61 0.00	28.58 -1.39 0.00	27.10 -1.15 0.00
NEG CENTRAL___DRP 24199	33.08 -0.31 0.00	24.65 -0.37 0.00	25.54 -0.39 0.00	29.85 -0.33 0.00	25.08 -0.22 0.00	31.02 -0.12 0.00	33.17 -0.09 0.00	29.42 -0.04 0.00	34.73 -0.07 0.00	36.71 -0.10 0.61	39.15 -0.18 -0.10	36.78 -0.23 0.01	37.75 -0.22 0.04	39.21 -0.04 0.00	44.32 0.10 0.00	45.57 -0.09 0.00	44.32 -0.30 0.00	47.74 -0.23 0.00	60.88 -0.44 0.00	36.59 -0.19 0.00	32.61 -0.34 0.00	33.68 -0.31 0.00	29.74 -0.23 0.00	28.14 -0.11 0.00
NEG CENTRAL___INDECK 23768	33.21 -0.18 0.00	24.63 -0.40 0.00	25.48 -0.46 0.00	29.98 -0.19 0.00	25.14 -0.16 0.00	31.16 0.02 0.00	33.34 0.08 0.00	29.52 0.07 0.00	34.89 0.09 0.00	36.11 0.09 1.40	39.36 0.01 -0.13	36.54 -0.46 0.01	37.36 -0.60 0.05	39.16 -0.10 0.00	44.25 0.04 0.00	45.58 -0.07 0.00	44.39 -0.23 0.00	47.80 -0.17 0.00	60.83 -0.49 0.00	36.41 -0.37 0.00	32.45 -0.49 0.00	33.76 -0.23 0.00	29.83 -0.14 0.00	28.31 0.05 0.00
NEG CENTRAL___SENECA 23627	33.14 -0.25 0.00	24.63 -0.40 0.00	25.53 -0.40 0.00	29.86 -0.31 0.00	25.09 -0.21 0.00	31.08 -0.06 0.00	33.29 0.03 0.00	29.53 0.08 0.00	34.86 0.06 0.00	36.30 0.03 1.16	39.33 -0.01 -0.11	36.87 -0.13 0.01	37.85 -0.12 0.04	39.42 0.17 0.00	44.47 0.25 0.00	45.62 -0.04 0.00	44.31 -0.31 0.00	47.75 -0.22 0.00	60.96 -0.37 0.00	36.68 -0.10 0.00	32.58 -0.36 0.00	33.69 -0.30 0.00	29.77 -0.21 0.00	28.18 -0.07 0.00
NEG CENTRAL___STATE_STREET 24147	33.42 0.03 0.00	24.97 -0.06 0.00	25.86 -0.07 0.00	30.18 0.01 0.00	25.37 0.07 0.00	31.32 0.18 0.00	33.50 0.23 0.00	29.74 0.29 0.00	35.13 0.33 0.00	38.10 0.36 -0.31	39.53 0.19 -0.11	37.25 0.24 0.01	38.02 0.05 0.04	39.35 0.10 0.00	44.49 0.27 0.00	45.87 0.21 0.00	44.58 -0.04 0.00	48.10 0.13 0.00	61.19 -0.14 0.00	36.69 -0.09 0.00	32.80 -0.14 0.00	33.87 -0.12 0.00	29.88 -0.09 0.00	28.32 0.07 0.00
NEG MILLWOOD___DRP 24198	35.48 2.10 0.00	26.56 1.54 0.00	27.52 1.59 0.00	32.06 1.89 0.00	26.98 1.69 0.00	33.35 2.21 0.00	35.93 2.67 0.00	31.95 2.50 0.00	37.93 3.13 0.00	40.85 3.42 0.00	44.99 3.60 -2.17	40.58 3.49 -0.07	41.90 3.65 -0.24	42.83 3.58 0.00	48.20 3.98 0.00	49.81 4.15 0.00	48.80 4.18 0.00	52.49 4.51 0.00	66.96 5.64 0.00	40.20 3.41 0.00	35.87 2.92 0.00	36.82 2.83 0.00	32.37 2.40 0.00	30.31 2.06 0.00
NEG NORTH_FLCN_SEA 23793	33.37 -0.01 0.00	25.00 -0.02 0.00	25.04 -0.89 0.00	28.00 -2.18 0.00	23.08 -2.22 0.00	28.32 -2.82 0.00	30.00 -3.26 0.00	26.79 -2.66 0.00	31.44 -3.36 0.00	32.67 -3.84 0.92	35.42 -3.80 0.00	33.39 -3.63 0.00	34.50 -3.51 0.00	36.84 -2.41 0.00	42.28 -1.94 0.00	43.99 -1.66 0.00	43.43 -1.19 0.00	46.85 -1.12 0.00	60.20 -1.12 0.00	36.31 -0.48 0.00	32.31 -0.63 0.00	34.14 0.16 0.00	30.36 0.38 0.00	28.55 0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	32.97 -0.42 0.00	24.68 -0.35 0.00	24.68 -1.25 0.00	27.67 -2.51 0.00	22.74 -2.56 0.00	27.91 -3.24 0.00	29.59 -3.67 0.00	26.37 -3.08 0.00	30.94 -3.87 0.00	32.21 -4.31 0.90	34.96 -4.26 0.00	32.96 -4.06 0.00	34.10 -3.91 0.00	36.34 -2.91 0.00	41.62 -2.60 0.00	43.24 -2.42 0.00	42.70 -1.92 0.00	46.12 -1.85 0.00	59.32 -2.01 0.00	35.74 -1.05 0.00	31.86 -1.08 0.00	33.67 -0.32 0.00	29.89 -0.08 0.00	28.12 -0.13 0.00
NEG NORTH___ALICE_FALLS 23915	33.49 0.11 0.00	25.07 0.04 0.00	25.10 -0.82 0.00	28.09 -2.09 0.00	23.15 -2.16 0.00	28.41 -2.74 0.00	30.12 -3.14 0.00	26.89 -2.56 0.00	31.54 -3.26 0.00	32.79 -3.72 0.92	35.55 -3.67 0.00	33.51 -3.51 0.00	34.58 -3.43 0.00	36.96 -2.30 0.00	42.40 -1.82 0.00	44.12 -1.54 0.00	43.56 -1.06 0.00	47.04 -0.93 0.00	60.44 -0.88 0.00	36.43 -0.35 0.00	32.43 -0.51 0.00	34.25 0.26 0.00	30.43 0.45 0.00	28.61 0.36 0.00
NEG NORTH___LWR_SARANAC 23913	33.49 0.11 0.00	25.07 0.04 0.00	25.10 -0.82 0.00	28.09 -2.09 0.00	23.15 -2.16 0.00	28.41 -2.74 0.00	30.12 -3.14 0.00	26.89 -2.56 0.00	31.54 -3.26 0.00	32.79 -3.72 0.92	35.55 -3.67 0.00	33.51 -3.51 0.00	34.58 -3.43 0.00	36.96 -2.30 0.00	42.40 -1.82 0.00	44.12 -1.54 0.00	43.56 -1.06 0.00	47.04 -0.93 0.00	60.44 -0.88 0.00	36.43 -0.35 0.00	32.43 -0.51 0.00	34.25 0.26 0.00	30.43 0.45 0.00	28.61 0.36 0.00
NEG NORTH___PLATTSBURG 23628	33.49 0.11 0.00	25.07 0.04 0.00	25.10 -0.82 0.00	28.09 -2.09 0.00	23.15 -2.16 0.00	28.41 -2.74 0.00	30.13 -3.13 0.00	26.89 -2.56 0.00	31.54 -3.26 0.00	32.79 -3.72 0.92	35.55 -3.67 0.00	33.51 -3.51 0.00	34.58 -3.43 0.00	36.96 -2.30 0.00	42.40 -1.82 0.00	44.12 -1.54 0.00	43.56 -1.06 0.00	47.04 -0.93 0.00	60.44 -0.88 0.00	36.43 -0.35 0.00	32.43 -0.51 0.00	34.25 0.26 0.00	30.43 0.46 0.00	28.62 0.36 0.00
NEG WEST_LEA_LOCKPORT 23791	32.01 -1.37 0.00	23.84 -1.19 0.00	24.70 -1.23 0.00	29.23 -0.94 0.00	24.36 -0.94 0.00	29.94 -1.21 0.00	31.63 -1.63 0.00	27.85 -1.60 0.00	32.80 -2.00 0.00	34.54 -2.06 0.83	37.01 -2.32 -0.11	34.15 -2.86 0.01	34.78 -3.19 0.04	36.39 -2.87 0.00	41.10 -3.12 0.00	42.16 -3.50 0.00	40.80 -3.82 0.00	43.98 -3.99 0.00	55.89 -5.43 0.00	33.57 -3.21 0.00	29.95 -3.00 0.00	31.56 -2.43 0.00	27.98 -1.99 0.00	26.87 -1.38 0.00
NEG WEST___LANCASTER 23811	33.40 0.01 0.00	24.80 -0.23 0.00	25.70 -0.22 0.00	30.41 0.23 0.00	25.32 0.02 0.00	31.30 0.16 0.00	33.11 -0.16 0.00	29.20 -0.25 0.00	34.38 -0.42 0.00	35.99 -0.40 1.04	38.85 -0.51 -0.13	36.00 -1.01 0.01	36.75 -1.21 0.05	38.46 -0.79 0.00	43.49 -0.73 0.00	44.59 -1.07 0.00	43.11 -1.51 0.00	46.47 -1.50 0.00	59.12 -2.21 0.00	35.46 -1.32 0.00	31.56 -1.39 0.00	33.10 -0.88 0.00	29.33 -0.65 0.00	28.02 -0.23 0.00
NEG_PENN_ALLEGHNY 23528	33.72 0.34 0.00	25.14 0.11 0.00	26.06 0.13 0.00	30.38 0.20 0.00	25.56 0.26 0.00	31.65 0.51 0.00	33.77 0.50 0.00	29.94 0.48 0.00	35.35 0.55 0.00	37.99 0.56 0.00	40.07 0.61 -0.24	37.61 0.62 0.03	38.64 0.72 0.09	40.13 0.87 0.00	45.08 0.87 0.00	46.46 0.80 0.00	45.27 0.65 0.00	48.66 0.68 0.00	62.10 0.78 0.00	37.21 0.42 0.00	33.21 0.26 0.00	34.22 0.23 0.00	30.22 0.25 0.00	28.54 0.29 0.00
NEG___GEN_MONROE 24207	32.86 -0.53 0.00	24.48 -0.55 0.00	25.45 -0.48 0.00	29.90 -0.28 0.00	24.98 -0.32 0.00	30.80 -0.34 0.00	32.71 -0.55 0.00	28.93 -0.52 0.00	34.10 -0.70 0.00	36.13 -0.71 0.58	38.53 -0.79 -0.10	35.81 -1.21 0.00	36.63 -1.38 0.00	38.09 -1.17 0.00	42.98 -1.24 0.00	44.19 -1.47 0.00	42.93 -1.69 0.00	46.28 -1.70 0.00	58.91 -2.41 0.00	35.30 -1.48 0.00	31.47 -1.47 0.00	32.84 -1.15 0.00	29.00 -0.97 0.00	27.58 -0.67 0.00

NEPA___ENERGY 23901	32.72 -0.67 0.00	24.29 -0.74 0.00	25.13 -0.80 0.00	29.58 -0.59 0.00	24.61 -0.69 0.00	30.36 -0.78 0.00	32.27 -0.99 0.00	28.46 -0.99 0.00	33.50 -1.30 0.00	35.08 -1.34 1.01	37.79 -1.55 -0.12	34.93 -2.08 0.01	33.76 -2.40 1.85	37.21 -2.05 0.00	42.01 -2.20 0.00	43.16 -2.50 0.00	41.71 -2.91 0.00	44.99 -2.99 0.00	57.23 -4.09 0.00	34.43 -2.36 0.00	30.75 -2.20 0.00	32.36 -1.62 0.00	28.68 -1.30 0.00	27.51 -0.75 0.00
NEVERSink___HYD 23608	34.88 1.49 0.00	26.14 1.11 0.00	27.00 1.08 0.00	31.43 1.25 0.00	26.45 1.15 0.00	32.70 1.55 0.00	35.20 1.94 0.00	31.39 1.94 0.00	37.21 2.41 0.00	40.17 2.58 -0.16	43.34 2.81 -1.31	39.83 2.83 0.01	41.00 3.04 0.05	42.15 2.90 0.00	47.41 3.19 0.00	49.00 3.34 0.00	47.96 3.34 0.00	51.59 3.62 0.00	65.90 4.57 0.00	39.53 2.74 0.00	35.28 2.34 0.00	36.20 2.22 0.00	31.83 1.87 0.00	29.84 1.59 0.00
NEWKRMKL_115KV_TB1 55635	33.92 0.53 0.00	25.54 0.52 0.00	26.52 0.59 0.00	30.82 0.64 0.00	25.87 0.57 0.00	31.77 0.62 0.00	34.06 0.80 0.00	30.22 0.77 0.00	35.79 0.99 0.00	38.40 0.97 0.00	40.05 1.02 0.19	38.04 1.01 -0.02	39.13 1.05 -0.08	40.34 1.09 0.00	45.40 1.19 0.00	46.94 1.28 0.00	45.94 1.32 0.00	49.32 1.34 0.00	63.06 1.74 0.00	37.82 1.04 0.00	33.91 0.97 0.00	34.87 0.88 0.00	30.69 0.72 0.00	28.84 0.59 0.00
NEWTON___FALLS_HYD 23847	33.80 0.41 0.00	25.07 0.04 0.00	25.57 -0.36 0.00	29.25 -0.93 0.00	24.18 -1.12 0.00	29.64 -1.50 0.00	31.33 -1.93 0.00	27.87 -1.58 0.00	32.83 -1.97 0.00	34.69 -2.24 0.50	37.01 -2.22 0.00	34.94 -2.08 0.00	35.70 -2.31 0.00	37.13 -2.13 0.00	41.99 -2.23 0.00	43.66 -2.00 0.00	43.07 -1.55 0.00	46.57 -1.41 0.00	59.84 -1.49 0.00	35.90 -0.89 0.00	32.23 -0.71 0.00	33.94 -0.05 0.00	29.88 -0.09 0.00	28.00 -0.25 0.00
NGRID_A1_DSASP 323792	31.48 -1.91 0.00	23.42 -1.61 0.00	24.29 -1.64 0.00	28.76 -1.42 0.00	23.93 -1.37 0.00	29.41 -1.73 0.00	31.05 -2.21 0.00	27.32 -2.13 0.00	32.15 -2.65 0.00	33.79 -2.78 0.85	36.29 -3.05 -0.11	33.45 -3.56 0.01	34.05 -3.93 0.04	35.59 -3.66 0.00	40.23 -3.99 0.00	41.28 -4.38 0.00	39.94 -4.68 0.00	43.02 -4.95 0.00	54.71 -6.61 0.00	32.84 -3.94 0.00	29.31 -3.64 0.00	30.96 -3.03 0.00	27.49 -2.49 0.00	26.37 -1.89 0.00
NGRID_A2_DSASP 323793	31.48 -1.91 0.00	23.42 -1.61 0.00	24.29 -1.64 0.00	28.76 -1.42 0.00	23.93 -1.37 0.00	29.41 -1.73 0.00	31.05 -2.21 0.00	27.32 -2.13 0.00	32.15 -2.65 0.00	33.79 -2.78 0.85	36.29 -3.05 -0.11	33.45 -3.56 0.01	34.05 -3.93 0.04	35.59 -3.66 0.00	40.23 -3.99 0.00	41.28 -4.38 0.00	39.94 -4.68 0.00	43.02 -4.95 0.00	54.71 -6.61 0.00	32.84 -3.94 0.00	29.31 -3.64 0.00	30.96 -3.03 0.00	27.49 -2.49 0.00	26.37 -1.89 0.00
NGRID_A4_DSASP 323807	31.48 -1.91 0.00	23.42 -1.61 0.00	24.29 -1.64 0.00	28.76 -1.42 0.00	23.93 -1.37 0.00	29.41 -1.73 0.00	31.05 -2.21 0.00	27.32 -2.13 0.00	32.15 -2.65 0.00	33.79 -2.78 0.85	36.29 -3.05 -0.11	33.45 -3.56 0.01	34.05 -3.93 0.04	35.59 -3.66 0.00	40.23 -3.99 0.00	41.28 -4.38 0.00	39.94 -4.68 0.00	43.02 -4.95 0.00	54.71 -6.61 0.00	32.84 -3.94 0.00	29.31 -3.64 0.00	30.96 -3.03 0.00	27.49 -2.49 0.00	26.37 -1.89 0.00
NIAGARA_115E_LBMP 323715	31.51 -1.88 0.00	23.50 -1.53 0.00	24.34 -1.59 0.00	28.81 -1.36 0.00	23.99 -1.31 0.00	29.43 -1.71 0.00	31.02 -2.25 0.00	27.30 -2.15 0.00	32.14 -2.66 0.00	33.82 -2.76 0.85	36.24 -3.10 -0.11	33.41 -3.60 0.01	34.02 -3.96 0.04	35.56 -3.69 0.00	40.18 -4.04 0.00	41.24 -4.42 0.00	39.91 -4.71 0.00	42.98 -5.00 0.00	54.66 -6.66 0.00	32.83 -3.95 0.00	29.30 -3.64 0.00	30.93 -3.05 0.00	27.45 -2.52 0.00	26.45 -1.81 0.00
NIAGARA_115W_LBMP 323714	31.41 -1.97 0.00	23.37 -1.65 0.00	24.24 -1.69 0.00	28.71 -1.47 0.00	23.88 -1.42 0.00	29.35 -1.79 0.00	30.99 -2.28 0.00	27.26 -2.19 0.00	32.08 -2.72 0.00	33.72 -2.85 0.85	36.21 -3.12 -0.11	33.37 -3.63 0.01	33.97 -4.00 0.04	35.52 -3.74 0.00	40.14 -4.08 0.00	41.19 -4.47 0.00	39.85 -4.76 0.00	42.93 -5.05 0.00	54.59 -6.73 0.00	32.77 -4.01 0.00	29.25 -3.70 0.00	30.89 -3.10 0.00	27.43 -2.54 0.00	26.32 -1.94 0.00
NIAGARA_230_LBMP 323716	31.69 -1.70 0.00	23.58 -1.45 0.00	24.45 -1.48 0.00	28.94 -1.24 0.00	24.08 -1.22 0.00	29.61 -1.53 0.00	31.28 -1.99 0.00	27.52 -1.93 0.00	32.40 -2.40 0.00	34.07 -2.52 0.83	36.58 -2.76 -0.11	33.75 -3.26 0.01	34.38 -3.59 0.04	35.93 -3.32 0.00	40.62 -3.60 0.00	41.68 -3.98 0.00	40.32 -4.30 0.00	43.45 -4.52 0.00	55.27 -6.05 0.00	33.18 -3.61 0.00	29.59 -3.35 0.00	31.20 -2.79 0.00	27.68 -2.30 0.00	26.53 -1.72 0.00
NIAGARA___115KV_198_GIBSON 55903	31.41 -1.97 0.00	23.37 -1.65 0.00	24.24 -1.69 0.00	28.70 -1.47 0.00	23.89 -1.41 0.00	29.35 -1.79 0.00	30.99 -2.28 0.00	27.26 -2.19 0.00	32.08 -2.72 0.00	33.73 -2.85 0.85	36.20 -3.13 -0.11	33.36 -3.64 0.01	33.97 -4.00 0.04	35.53 -3.73 0.00	40.15 -4.07 0.00	41.18 -4.48 0.00	39.83 -4.79 0.00	42.93 -5.04 0.00	54.60 -6.72 0.00	32.77 -4.01 0.00	29.25 -3.69 0.00	30.90 -3.09 0.00	27.43 -2.54 0.00	26.32 -1.94 0.00
NIAGARA___ 23760	31.69 -1.70 0.00	23.58 -1.45 0.00	24.45 -1.48 0.00	28.94 -1.24 0.00	24.08 -1.22 0.00	29.61 -1.53 0.00	31.28 -1.99 0.00	27.52 -1.93 0.00	32.40 -2.40 0.00	34.07 -2.52 0.84	36.58 -2.76 -0.11	33.75 -3.26 0.01	34.38 -3.59 0.04	35.93 -3.32 0.00	40.62 -3.60 0.00	41.68 -3.98 0.00	40.32 -4.30 0.00	43.45 -4.52 0.00	55.27 -6.05 0.00	33.18 -3.61 0.00	29.59 -3.35 0.00	31.20 -2.79 0.00	27.68 -2.30 0.00	26.53 -1.72 0.00
NINE_MILE_1 23575	32.46 -0.92 0.00	24.32 -0.70 0.00	25.20 -0.73 0.00	29.35 -0.83 0.00	24.63 -0.67 0.00	30.31 -0.84 0.00	32.26 -1.00 0.00	28.52 -0.93 0.00	33.64 -1.16 0.00	36.19 -1.24 0.00	37.97 -1.31 -0.05	35.74 -1.27 0.00	36.68 -1.33 0.00	37.90 -1.36 0.00	42.67 -1.55 0.00	44.04 -1.62 0.00	42.99 -1.63 0.00	46.24 -1.73 0.00	59.06 -2.26 0.00	35.41 -1.37 0.00	31.71 -1.23 0.00	32.75 -1.24 0.00	28.90 -1.08 0.00	27.32 -0.94 0.00
NINE_MILE_2 23744	32.46 -0.92 0.00	24.32 -0.70 0.00	25.20 -0.73 0.00	29.35 -0.83 0.00	24.63 -0.67 0.00	30.31 -0.84 0.00	32.26 -1.00 0.00	28.52 -0.93 0.00	33.64 -1.16 0.00	36.19 -1.24 0.00	37.97 -1.31 -0.05	35.74 -1.27 0.00	36.68 -1.33 0.00	37.90 -1.36 0.00	42.67 -1.55 0.00	44.04 -1.62 0.00	42.99 -1.63 0.00	46.24 -1.73 0.00	59.06 -2.26 0.00	35.42 -1.37 0.00	31.72 -1.23 0.00	32.75 -1.24 0.00	28.90 -1.07 0.00	27.32 -0.94 0.00
NM_CAPITAL___DRP 24208	34.02 0.63 0.00	25.61 0.58 0.00	26.58 0.65 0.00	30.92 0.75 0.00	25.95 0.65 0.00	31.86 0.72 0.00	34.17 0.90 0.00	30.30 0.85 0.00	35.89 1.09 0.00	38.57 1.14 0.00	40.21 1.18 0.20	38.19 1.15 -0.02	39.27 1.19 -0.08	40.43 1.18 0.00	45.51 1.29 0.00	47.04 1.38 0.00	46.03 1.41 0.00	49.42 1.45 0.00	63.21 1.89 0.00	37.91 1.13 0.00	34.00 1.06 0.00	34.97 0.98 0.00	30.78 0.81 0.00	28.93 0.68 0.00

NM_CENTRAL___DRP 24181	33.10 -0.29 0.00	24.76 -0.26 0.00	25.67 -0.26 0.00	29.93 -0.24 0.00	25.14 -0.16 0.00	30.98 -0.16 0.00	33.05 -0.21 0.00	29.24 -0.21 0.00	34.53 -0.28 0.00	37.13 -0.28 0.02	39.00 -0.30 -0.07	36.67 -0.34 0.00	37.62 -0.39 0.00	38.86 -0.39 0.00	43.73 -0.48 0.00	45.09 -0.57 0.00	43.97 -0.65 0.00	47.27 -0.70 0.00	60.36 -0.97 0.00	36.19 -0.59 0.00	32.43 -0.52 0.00	33.48 -0.51 0.00	29.53 -0.45 0.00	27.89 -0.36 0.00
NM_FRONTIER___DRP 24179	31.41 -1.97 0.00	23.37 -1.65 0.00	24.24 -1.69 0.00	28.70 -1.47 0.00	23.89 -1.41 0.00	29.35 -1.79 0.00	30.99 -2.28 0.00	27.26 -2.19 0.00	32.08 -2.72 0.00	33.73 -2.85 0.85	36.20 -3.13 -0.11	33.36 -3.64 0.01	33.97 -4.00 0.04	35.53 -3.73 0.00	40.15 -4.07 0.00	41.18 -4.48 0.00	39.83 -4.79 0.00	42.93 -5.04 0.00	54.60 -6.72 0.00	32.77 -4.01 0.00	29.25 -3.69 0.00	30.90 -3.09 0.00	27.43 -2.54 0.00	26.32 -1.94 0.00
NM_ST_REGIS___HYD 24053	33.57 0.18 0.00	25.03 0.01 0.00	25.21 -0.72 0.00	28.44 -1.74 0.00	23.43 -1.87 0.00	28.73 -2.41 0.00	30.46 -2.80 0.00	27.14 -2.31 0.00	31.88 -2.92 0.00	33.35 -3.32 0.76	36.00 -3.22 0.00	33.97 -3.05 0.00	34.92 -3.09 0.00	36.90 -2.36 0.00	42.00 -2.22 0.00	43.50 -2.16 0.00	43.00 -1.62 0.00	46.57 -1.41 0.00	59.82 -1.50 0.00	35.97 -0.81 0.00	32.15 -0.79 0.00	33.91 -0.08 0.00	30.00 0.03 0.00	28.20 -0.05 0.00
NORTHPORT___1 23551	34.99 1.85 0.25	26.36 1.34 0.00	27.44 1.51 0.00	31.87 1.69 0.00	26.81 1.52 0.00	33.26 2.11 0.00	35.66 2.40 0.00	31.53 2.08 0.00	37.62 2.82 0.00	40.46 3.04 0.00	47.88 3.75 -4.91	43.21 3.52 -2.67	44.55 3.64 -2.90	43.47 3.47 -0.74	50.07 3.75 -2.10	51.27 3.73 -1.88	50.42 3.72 -2.08	57.86 3.90 -5.98	82.20 4.91 -15.97	53.59 3.12 -13.68	35.51 2.56 0.00	36.57 2.58 0.00	33.44 2.61 -0.86	30.52 2.26 0.00
NORTHPORT___2 23552	34.99 1.85 0.25	26.36 1.34 0.00	27.44 1.51 0.00	31.87 1.69 0.00	26.81 1.52 0.00	33.26 2.11 0.00	35.66 2.40 0.00	31.53 2.08 0.00	37.62 2.82 0.00	40.46 3.04 0.00	47.88 3.75 -4.91	43.21 3.52 -2.67	44.55 3.64 -2.90	43.47 3.47 -0.74	50.07 3.75 -2.10	51.27 3.73 -1.88	50.42 3.72 -2.08	57.86 3.90 -5.98	82.20 4.91 -15.97	53.59 3.12 -13.68	35.51 2.56 0.00	36.57 2.58 0.00	33.44 2.61 -0.86	30.52 2.26 0.00
NORTHPORT___3 23553	34.76 1.62 0.25	26.19 1.16 0.00	27.24 1.31 0.00	31.64 1.46 0.00	26.62 1.32 0.00	33.00 1.86 0.00	35.41 2.15 0.00	31.29 1.84 0.00	37.32 2.52 0.00	40.20 2.77 0.00	47.21 3.46 -4.52	42.97 3.30 -2.66	44.27 3.37 -2.89	43.20 3.21 -0.73	49.74 3.44 -2.09	50.89 3.36 -1.87	50.03 3.34 -2.08	57.37 3.39 -6.01	81.65 4.21 -16.12	51.53 2.66 -12.08	35.15 2.21 0.00	36.21 2.22 0.00	33.11 2.28 -0.86	30.21 1.96 0.00
NORTHPORT___4 23650	34.76 1.62 0.25	26.19 1.16 0.00	27.24 1.31 0.00	31.64 1.46 0.00	26.62 1.32 0.00	33.00 1.86 0.00	35.41 2.15 0.00	31.29 1.84 0.00	37.32 2.52 0.00	40.20 2.77 0.00	47.21 3.46 -4.52	42.97 3.30 -2.66	44.27 3.37 -2.89	43.20 3.21 -0.73	49.74 3.44 -2.09	50.89 3.36 -1.87	50.03 3.34 -2.08	57.37 3.39 -6.01	81.65 4.21 -16.12	51.53 2.66 -12.08	35.15 2.21 0.00	36.21 2.22 0.00	33.11 2.28 -0.86	30.21 1.96 0.00
NORTHPORT___IC 23718	34.99 1.85 0.25	26.36 1.34 0.00	27.44 1.51 0.00	31.87 1.69 0.00	26.82 1.52 0.00	33.26 2.11 0.00	35.66 2.40 0.00	31.53 2.08 0.00	37.62 2.82 0.00	40.46 3.03 0.00	47.88 3.75 -4.91	43.19 3.50 -2.67	44.55 3.64 -2.90	43.46 3.47 -0.74	50.07 3.76 -2.10	51.28 3.74 -1.88	50.43 3.72 -2.08	57.86 3.90 -5.99	82.20 4.91 -15.97	53.62 3.16 -13.68	35.51 2.57 0.00	36.57 2.58 0.00	33.43 2.60 -0.86	30.52 2.26 0.00
NORTH___COUNTRY_ESR 323785	32.90 -0.49 0.00	24.58 -0.44 0.00	24.62 -1.31 0.00	27.58 -2.60 0.00	22.68 -2.62 0.00	27.81 -3.33 0.00	29.48 -3.78 0.00	26.27 -3.18 0.00	30.81 -3.99 0.00	32.06 -4.47 0.90	34.82 -4.41 0.00	32.86 -4.16 0.00	34.00 -4.01 0.00	36.27 -2.98 0.00	41.56 -2.65 0.00	43.17 -2.49 0.00	42.57 -2.04 0.00	45.99 -1.98 0.00	59.13 -2.19 0.00	35.63 -1.15 0.00	31.77 -1.17 0.00	33.58 -0.41 0.00	29.81 -0.16 0.00	28.05 -0.20 0.00
NPX_GEN_1385_PROXY 323591	34.70 1.56 0.25	26.21 1.18 0.00	27.40 1.47 0.00	31.89 1.71 0.00	26.78 1.48 0.00	33.33 2.19 0.00	35.92 2.66 0.00	31.93 2.48 0.00	38.11 3.31 0.00	40.23 2.81 0.00	47.44 3.31 -4.91	42.67 2.98 -2.67	44.06 3.15 -2.90	42.78 2.78 -0.74	49.62 3.31 -2.10	51.26 3.73 -1.88	50.93 4.23 -2.08	57.74 3.78 -5.98	81.57 4.27 -15.97	53.50 3.04 -13.68	35.16 2.22 0.00	35.94 1.95 0.00	33.05 2.22 -0.86	30.09 1.83 0.00
NPX_GEN_CSC 323557	34.69 1.54 0.24	26.15 1.13 0.00	27.37 1.44 0.00	31.71 1.53 0.00	26.71 1.41 0.00	33.16 2.02 0.00	35.32 2.05 0.00	31.29 1.84 0.00	37.44 2.64 0.00	40.37 2.95 0.00	48.31 4.13 -4.95	44.05 3.92 -3.11	45.47 4.12 -3.34	44.32 4.09 -0.97	51.35 4.68 -2.45	52.64 4.79 -2.19	47.14 4.79 2.27	34.44 5.03 18.57	49.25 5.86 17.93	53.82 3.72 -13.32	35.73 2.79 0.00	35.95 2.76 0.80	33.63 2.79 -0.87	30.61 2.36 0.00
NSINS_S___GLNS_FALLS 23858	35.49 2.10 0.00	26.72 1.69 0.00	27.73 1.80 0.00	32.31 2.13 0.00	26.97 1.67 0.00	33.04 1.90 0.00	35.34 2.07 0.00	31.37 1.92 0.00	37.03 2.23 0.00	39.81 2.39 0.00	41.23 2.19 0.18	38.89 1.85 -0.02	40.00 1.92 -0.07	41.08 1.83 0.00	46.20 1.98 0.00	48.08 2.42 0.00	47.16 2.54 0.00	50.60 2.63 0.00	64.70 3.37 0.00	38.70 1.92 0.00	34.55 1.60 0.00	35.65 1.66 0.00	31.47 1.50 0.00	29.53 1.28 0.00
NUCOR_STEEL___DRP 24197	33.40 0.02 0.00	24.96 -0.06 0.00	25.85 -0.08 0.00	30.17 -0.01 0.00	25.36 0.05 0.00	31.30 0.16 0.00	33.46 0.20 0.00	29.71 0.27 0.00	35.10 0.30 0.00	38.13 0.34 -0.36	39.48 0.15 -0.10	37.23 0.22 0.01	37.98 0.01 0.04	39.29 0.04 0.00	44.44 0.22 0.00	45.82 0.16 0.00	44.53 -0.09 0.00	48.06 0.09 0.00	61.09 -0.23 0.00	36.63 -0.16 0.00	32.76 -0.19 0.00	33.83 -0.16 0.00	29.84 -0.13 0.00	28.30 0.05 0.00
NUMBER_THREE_WT_PWR 323818	34.05 0.66 0.00	25.27 0.24 0.00	26.06 0.13 0.00	30.15 -0.03 0.00	24.95 -0.35 0.00	30.59 -0.55 0.00	32.30 -0.96 0.00	28.65 -0.80 0.00	33.85 -0.95 0.00	36.13 -1.08 0.21	38.11 -1.11 0.00	35.99 -1.02 0.00	36.69 -1.32 0.00	37.76 -1.50 0.00	42.53 -1.68 0.00	44.36 -1.29 0.00	43.70 -0.92 0.00	47.11 -0.86 0.00	60.52 -0.80 0.00	36.27 -0.51 0.00	32.67 -0.28 0.00	34.46 0.47 0.00	30.27 0.30 0.00	28.24 -0.01 0.00
NYISO_LBMP_REFERENCE 24008	33.39 0.00 0.00	25.03 0.00 0.00	25.93 0.00 0.00	30.18 0.00 0.00	25.30 0.00 0.00	31.14 0.00 0.00	33.26 0.00 0.00	29.45 0.00 0.00	34.80 0.00 0.00	37.43 0.00 0.00	39.22 0.00 0.00	37.02 0.00 0.00	38.01 0.00 0.00	39.25 0.00 0.00	44.22 0.00 0.00	45.66 0.00 0.00	44.62 0.00 0.00	47.97 0.00 0.00	61.32 0.00 0.00	36.78 0.00 0.00	32.94 0.00 0.00	33.99 0.00 0.00	29.97 0.00 0.00	28.25 0.00 0.00

NYPA_BRENTWD____GT 24164	35.34 2.16 0.22	26.59 1.56 0.00	27.67 1.74 0.00	32.12 1.94 0.00	27.04 1.73 0.00	33.54 2.40 0.00	35.97 2.71 0.00	31.84 2.39 0.00	38.00 3.20 0.00	40.93 3.50 0.00	48.90 4.26 -5.41	44.68 4.03 -3.63	46.06 4.18 -3.87	44.56 4.06 -1.25	51.54 4.46 -2.87	52.70 4.48 -2.57	51.94 4.47 -2.85	59.82 4.74 -7.11	83.61 5.82 -16.47	55.26 3.66 -14.81	36.01 3.07 0.00	37.04 3.06 0.00	33.82 2.96 -0.88	30.81 2.55 0.00
NYPA_GOWANUS____GT5 24156	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.95 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.82 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
NYPA_GOWANUS____GT6 24157	35.58 2.19 0.00	26.59 1.56 0.00	27.53 1.60 0.00	32.06 1.88 0.00	26.99 1.69 0.00	33.32 2.18 0.00	35.97 2.71 0.00	31.96 2.51 0.00	37.96 3.16 0.00	40.89 3.46 0.00	45.63 3.64 -2.77	40.73 3.63 -0.08	42.09 3.80 -0.28	42.95 3.69 0.00	48.31 4.10 0.00	49.89 4.23 0.00	48.82 4.20 0.00	52.47 4.50 0.00	66.96 5.64 0.00	40.25 3.47 0.00	35.90 2.96 0.00	36.85 2.86 0.00	32.39 2.42 0.00	30.31 2.06 0.00
NYPA_HARLEM_RVR__GT1 24160	35.41 2.03 0.00	26.48 1.46 0.00	27.42 1.49 0.00	31.93 1.75 0.00	26.87 1.57 0.00	33.16 2.01 0.00	35.74 2.48 0.00	31.79 2.34 0.00	37.79 3.00 0.00	40.68 3.25 0.00	45.45 3.45 -2.77	40.54 3.44 -0.08	41.86 3.57 -0.28	42.72 3.47 0.00	48.04 3.83 0.00	49.62 3.96 0.00	48.58 3.96 0.00	52.22 4.25 0.00	66.61 5.29 0.00	40.10 3.32 0.00	35.79 2.85 0.00	36.79 2.80 0.00	32.25 2.27 0.00	30.16 1.91 0.00
NYPA_HARLEM_RVR__GT2 24161	35.41 2.03 0.00	26.48 1.46 0.00	27.42 1.49 0.00	31.93 1.75 0.00	26.87 1.57 0.00	33.16 2.01 0.00	35.74 2.48 0.00	31.79 2.34 0.00	37.79 3.00 0.00	40.68 3.25 0.00	45.45 3.45 -2.77	40.54 3.44 -0.08	41.86 3.57 -0.28	42.72 3.47 0.00	48.04 3.83 0.00	49.62 3.96 0.00	48.58 3.96 0.00	52.22 4.25 0.00	66.61 5.29 0.00	40.10 3.32 0.00	35.79 2.85 0.00	36.79 2.80 0.00	32.25 2.27 0.00	30.16 1.91 0.00
NYPA_KENT____GT 24152	35.55 2.16 0.00	26.58 1.55 0.00	27.51 1.59 0.00	32.05 1.87 0.00	26.98 1.68 0.00	33.30 2.16 0.00	35.92 2.66 0.00	31.93 2.48 0.00	37.93 3.13 0.00	40.88 3.45 0.00	45.61 3.61 -2.77	40.70 3.60 -0.08	42.05 3.77 -0.28	42.91 3.65 0.00	48.26 4.05 0.00	49.83 4.17 0.00	48.77 4.15 0.00	52.41 4.44 0.00	66.89 5.57 0.00	40.23 3.45 0.00	35.91 2.97 0.00	36.86 2.87 0.00	32.41 2.43 0.00	30.32 2.07 0.00
NYPA_POUCH1____GT 24155	35.52 2.14 0.00	26.55 1.53 0.00	27.49 1.57 0.00	32.01 1.84 0.00	26.95 1.65 0.00	33.28 2.14 0.00	35.93 2.67 0.00	31.91 2.46 0.00	37.89 3.09 0.00	40.80 3.37 0.00	45.53 3.53 -2.77	40.63 3.54 -0.08	42.00 3.71 -0.28	42.85 3.60 0.00	48.20 3.98 0.00	49.79 4.13 0.00	48.70 4.08 0.00	52.35 4.37 0.00	66.81 5.49 0.00	40.16 3.37 0.00	35.82 2.87 0.00	36.75 2.76 0.00	32.30 2.33 0.00	30.23 1.98 0.00
NYPA_VERNON____GT2 24162	35.51 2.12 0.00	26.55 1.52 0.00	27.49 1.56 0.00	32.02 1.85 0.00	26.96 1.66 0.00	33.27 2.13 0.00	35.87 2.61 0.00	31.88 2.43 0.00	37.89 3.09 0.00	40.84 3.42 0.00	45.57 3.58 -2.77	40.65 3.55 -0.08	42.00 3.71 -0.28	42.85 3.60 0.00	48.19 3.97 0.00	49.76 4.10 0.00	48.71 4.09 0.00	52.35 4.37 0.00	66.77 5.44 0.00	40.19 3.41 0.00	35.89 2.95 0.00	36.85 2.86 0.00	32.40 2.43 0.00	30.32 2.06 0.00
NYPA_VERNON____GT3 24163	35.51 2.12 0.00	26.55 1.52 0.00	27.49 1.56 0.00	32.02 1.85 0.00	26.96 1.66 0.00	33.27 2.13 0.00	35.87 2.61 0.00	31.88 2.43 0.00	37.89 3.09 0.00	40.84 3.42 0.00	45.57 3.58 -2.77	40.65 3.55 -0.08	42.00 3.71 -0.28	42.85 3.60 0.00	48.19 3.97 0.00	49.76 4.10 0.00	48.71 4.09 0.00	52.35 4.37 0.00	66.77 5.44 0.00	40.19 3.41 0.00	35.89 2.95 0.00	36.85 2.86 0.00	32.40 2.43 0.00	30.32 2.06 0.00
NYPA____ASTORIA_CC1 323568	35.46 2.07 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.98 1.81 0.00	26.92 1.62 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.82 2.37 0.00	37.81 3.01 0.00	40.77 3.34 0.00	45.48 3.48 -2.77	40.56 3.46 -0.08	41.92 3.63 -0.28	42.76 3.50 0.00	48.09 3.87 0.00	49.63 3.97 0.00	48.59 3.97 0.00	52.22 4.25 0.00	66.63 5.30 0.00	40.12 3.33 0.00	35.85 2.90 0.00	36.81 2.82 0.00	32.36 2.39 0.00	30.29 2.03 0.00
NYPA____ASTORIA_CC2 323569	35.46 2.07 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.98 1.81 0.00	26.92 1.62 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.82 2.37 0.00	37.81 3.01 0.00	40.77 3.34 0.00	45.48 3.48 -2.77	40.56 3.46 -0.08	41.92 3.63 -0.28	42.76 3.50 0.00	48.09 3.87 0.00	49.63 3.97 0.00	48.59 3.97 0.00	52.22 4.25 0.00	66.63 5.30 0.00	40.12 3.33 0.00	35.85 2.90 0.00	36.81 2.82 0.00	32.36 2.39 0.00	30.29 2.03 0.00
NYPA____HOLTSVILL 23794	35.00 1.85 0.24	26.38 1.35 0.00	27.47 1.54 0.00	31.85 1.67 0.00	26.82 1.52 0.00	33.26 2.12 0.00	35.58 2.31 0.00	31.49 2.04 0.00	37.60 2.80 0.00	40.51 3.09 0.00	48.02 3.87 -4.92	43.77 3.68 -3.07	45.15 3.84 -3.30	43.94 3.73 -0.95	50.75 4.12 -2.41	51.98 4.16 -2.16	51.17 4.16 -2.40	58.79 4.37 -6.44	82.91 5.41 -16.18	53.41 3.41 -13.22	35.71 2.77 0.00	36.73 2.74 0.00	33.59 2.75 -0.87	30.62 2.36 0.00
NYPA____HELLGATE_GT1 24158	35.41 2.03 0.00	26.48 1.46 0.00	27.42 1.49 0.00	31.93 1.75 0.00	26.87 1.57 0.00	33.16 2.01 0.00	35.74 2.48 0.00	31.79 2.34 0.00	37.79 3.00 0.00	40.68 3.25 0.00	45.45 3.45 -2.77	40.54 3.44 -0.08	41.86 3.57 -0.28	42.72 3.47 0.00	48.04 3.83 0.00	49.62 3.96 0.00	48.58 3.96 0.00	52.22 4.25 0.00	66.61 5.29 0.00	40.10 3.32 0.00	35.79 2.85 0.00	36.79 2.80 0.00	32.25 2.27 0.00	30.16 1.91 0.00
NYPA____HELLGATE_GT2 24159	35.41 2.03 0.00	26.48 1.46 0.00	27.42 1.49 0.00	31.93 1.75 0.00	26.87 1.57 0.00	33.16 2.01 0.00	35.74 2.48 0.00	31.79 2.34 0.00	37.79 3.00 0.00	40.68 3.25 0.00	45.45 3.45 -2.77	40.54 3.44 -0.08	41.86 3.57 -0.28	42.72 3.47 0.00	48.04 3.83 0.00	49.62 3.96 0.00	48.58 3.96 0.00	52.22 4.25 0.00	66.61 5.29 0.00	40.10 3.32 0.00	35.79 2.85 0.00	36.79 2.80 0.00	32.25 2.27 0.00	30.16 1.91 0.00
NYS_BARGE__HYD 23848	32.04 -1.35 0.00	23.86 -1.16 0.00	24.73 -1.20 0.00	29.26 -0.91 0.00	24.37 -0.93 0.00	29.95 -1.19 0.00	31.64 -1.62 0.00	27.87 -1.58 0.00	32.84 -1.97 0.00	34.59 -2.02 0.82	37.05 -2.28 -0.11	34.19 -2.82 0.01	34.82 -3.15 0.04	36.41 -2.85 0.00	41.11 -3.11 0.00	42.20 -3.46 0.00	40.85 -3.77 0.00	44.01 -3.96 0.00	55.95 -5.38 0.00	33.60 -3.19 0.00	29.96 -2.98 0.00	31.58 -2.41 0.00	28.00 -1.97 0.00	26.89 -1.36 0.00

OAK ORCHARD___HYD 24046	32.60 -0.79 0.00	24.30 -0.73 0.00	25.18 -0.74 0.00	29.60 -0.58 0.00	24.75 -0.56 0.00	30.49 -0.65 0.00	32.44 -0.83 0.00	28.67 -0.78 0.00	33.82 -0.98 0.00	35.85 -1.01 0.57	38.22 -1.10 -0.10	35.59 -1.43 0.00	36.41 -1.60 0.00	37.83 -1.43 0.00	42.70 -1.51 0.00	43.92 -1.73 0.00	42.70 -1.92 0.00	45.98 -2.00 0.00	58.55 -2.77 0.00	35.09 -1.69 0.00	31.31 -1.63 0.00	32.64 -1.34 0.00	28.83 -1.15 0.00	27.39 -0.86 0.00
OAKDALE___35_KV_LOAD 356122	33.62 0.23 0.00	25.07 0.05 0.00	26.00 0.07 0.00	30.31 0.13 0.00	25.49 0.19 0.00	31.55 0.41 0.00	33.66 0.40 0.00	29.82 0.37 0.00	35.22 0.42 0.00	37.65 0.43 0.20	39.93 0.47 -0.24	37.48 0.49 0.03	38.51 0.58 0.09	39.98 0.72 0.00	44.92 0.70 0.00	46.30 0.64 0.00	45.11 0.49 0.00	48.50 0.52 0.00	61.90 0.58 0.00	37.09 0.31 0.00	33.11 0.17 0.00	34.12 0.14 0.00	30.15 0.17 0.00	28.47 0.21 0.00
OCC_CHEM___DRP 24175	31.48 -1.91 0.00	23.42 -1.61 0.00	24.29 -1.64 0.00	28.76 -1.42 0.00	23.94 -1.36 0.00	29.41 -1.73 0.00	31.06 -2.21 0.00	27.32 -2.13 0.00	32.15 -2.65 0.00	33.80 -2.77 0.85	36.28 -3.05 -0.11	33.44 -3.57 0.01	34.05 -3.92 0.04	35.61 -3.65 0.00	40.24 -3.98 0.00	41.27 -4.39 0.00	39.92 -4.71 0.00	43.03 -4.95 0.00	54.72 -6.60 0.00	32.85 -3.94 0.00	29.31 -3.63 0.00	30.96 -3.02 0.00	27.48 -2.49 0.00	26.37 -1.88 0.00
OH_GEN_PROXY 24063	31.74 -1.64 0.00	23.61 -1.42 0.00	24.49 -1.44 0.00	28.98 -1.20 0.00	24.12 -1.18 0.00	29.67 -1.47 0.00	31.36 -1.90 0.00	27.62 -1.83 0.00	32.51 -2.29 0.00	34.19 -2.40 0.84	36.72 -2.62 -0.11	33.89 -3.12 0.01	34.54 -3.43 0.04	36.10 -3.15 0.00	40.83 -3.38 0.00	41.88 -3.78 0.00	40.52 -4.10 0.00	43.67 -4.30 0.00	55.55 -5.77 0.00	33.33 -3.45 0.00	29.72 -3.22 0.00	31.31 -2.68 0.00	27.76 -2.22 0.00	26.57 -1.68 0.00
OLIN_CORP_DRP 24177	31.56 -1.82 0.00	23.53 -1.50 0.00	24.38 -1.55 0.00	28.85 -1.32 0.00	24.04 -1.26 0.00	29.47 -1.67 0.00	31.09 -2.18 0.00	27.36 -2.10 0.00	32.20 -2.60 0.00	33.87 -2.69 0.86	36.32 -3.02 -0.11	33.48 -3.53 0.01	34.09 -3.88 0.04	35.66 -3.59 0.00	40.26 -3.95 0.00	41.33 -4.33 0.00	39.98 -4.64 0.00	43.09 -4.88 0.00	54.78 -6.54 0.00	32.91 -3.87 0.00	29.37 -3.57 0.00	31.00 -2.99 0.00	27.51 -2.46 0.00	26.49 -1.76 0.00
OLIN_CORP_DSASP 323712	31.48 -1.91 0.00	23.42 -1.61 0.00	24.29 -1.64 0.00	28.76 -1.42 0.00	23.93 -1.37 0.00	29.41 -1.73 0.00	31.05 -2.21 0.00	27.32 -2.13 0.00	32.15 -2.65 0.00	33.79 -2.78 0.85	36.29 -3.05 -0.11	33.45 -3.56 0.01	34.05 -3.93 0.04	35.59 -3.66 0.00	40.23 -3.99 0.00	41.28 -4.38 0.00	39.94 -4.68 0.00	43.02 -4.95 0.00	54.71 -6.61 0.00	32.84 -3.94 0.00	29.31 -3.64 0.00	30.96 -3.03 0.00	27.49 -2.49 0.00	26.37 -1.89 0.00
ONEIDA_HERK_LFGE 323681	34.14 0.76 0.00	25.48 0.46 0.00	26.35 0.43 0.00	30.58 0.41 0.00	25.54 0.24 0.00	31.46 0.32 0.00	33.46 0.19 0.00	29.64 0.19 0.00	35.03 0.23 0.00	37.55 0.22 0.09	39.44 0.22 0.00	37.20 0.18 0.00	38.07 0.06 0.00	39.28 0.02 0.00	44.28 0.06 0.00	45.91 0.25 0.00	45.05 0.43 0.00	48.48 0.51 0.00	62.13 0.81 0.00	37.24 0.46 0.00	33.41 0.46 0.00	34.80 0.81 0.00	30.55 0.58 0.00	28.65 0.39 0.00
ONEIDA___115KV_TB4 55905	34.24 0.86 0.00	25.62 0.60 0.00	26.58 0.65 0.00	30.93 0.76 0.00	25.99 0.69 0.00	32.12 0.97 0.00	34.26 0.99 0.00	30.34 0.89 0.00	35.87 1.07 0.00	38.53 1.14 0.03	40.42 1.14 -0.05	38.02 1.00 0.00	38.98 0.97 0.00	40.19 0.93 0.00	45.33 1.11 0.00	46.87 1.21 0.00	45.84 1.22 0.00	49.22 1.25 0.00	62.91 1.59 0.00	37.68 0.90 0.00	33.71 0.77 0.00	34.84 0.86 0.00	30.69 0.72 0.00	28.87 0.62 0.00
ONONDAGA_REF_OCCRA 23987	33.33 -0.05 0.00	24.92 -0.11 0.00	25.83 -0.10 0.00	30.11 -0.07 0.00	25.30 0.00 0.00	31.19 0.05 0.00	33.31 0.04 0.00	29.47 0.02 0.00	34.79 -0.01 0.00	37.67 0.00 -0.24	39.32 0.00 -0.09	36.98 -0.04 0.00	37.94 -0.07 0.00	39.18 -0.07 0.00	44.09 -0.12 0.00	45.47 -0.19 0.00	44.35 -0.27 0.00	47.70 -0.27 0.00	60.91 -0.41 0.00	36.52 -0.26 0.00	32.69 -0.25 0.00	33.74 -0.24 0.00	29.76 -0.21 0.00	28.11 -0.15 0.00
ONONDAGA___COGEN 23986	33.27 -0.12 0.00	24.89 -0.14 0.00	25.78 -0.14 0.00	30.07 -0.11 0.00	25.26 -0.04 0.00	31.14 0.00 0.00	33.24 -0.02 0.00	29.42 -0.03 0.00	34.75 -0.05 0.00	37.36 -0.06 0.02	39.22 -0.09 -0.09	36.90 -0.12 0.00	37.84 -0.17 0.00	39.09 -0.16 0.00	44.03 -0.19 0.00	45.41 -0.25 0.00	44.29 -0.32 0.00	47.65 -0.32 0.00	60.82 -0.50 0.00	36.45 -0.33 0.00	32.64 -0.31 0.00	33.68 -0.31 0.00	29.71 -0.27 0.00	28.07 -0.18 0.00
ONTARIO___LFGE 23819	33.14 -0.25 0.00	24.63 -0.40 0.00	25.53 -0.40 0.00	29.86 -0.31 0.00	25.09 -0.21 0.00	31.08 -0.06 0.00	33.29 0.03 0.00	29.53 0.08 0.00	34.86 0.06 0.00	36.29 0.03 1.16	39.33 -0.01 -0.11	36.87 -0.13 0.01	37.85 -0.11 0.04	39.42 0.17 0.00	44.47 0.25 0.00	45.62 -0.04 0.00	44.32 -0.30 0.00	47.76 -0.22 0.00	60.95 -0.37 0.00	36.68 -0.11 0.00	32.58 -0.36 0.00	33.69 -0.30 0.00	29.77 -0.21 0.00	28.18 -0.07 0.00
ORANGEVILLE_WT_PWR 323706	31.98 -1.41 0.00	23.66 -1.37 0.00	24.46 -1.47 0.00	28.85 -1.32 0.00	24.22 -1.08 0.00	29.99 -1.15 0.00	31.84 -1.43 0.00	28.11 -1.34 0.00	33.17 -1.64 0.00	34.38 -1.73 1.32	37.44 -1.93 -0.14	34.65 -2.36 0.01	35.44 -2.52 0.05	37.22 -2.03 0.00	41.99 -2.23 0.00	43.16 -2.50 0.00	41.83 -2.79 0.00	44.95 -3.03 0.00	57.12 -4.21 0.00	34.38 -2.40 0.00	30.68 -2.27 0.00	32.18 -1.80 0.00	28.55 -1.42 0.00	27.28 -0.97 0.00
ORANGEVILLE___ESR 323794	31.98 -1.41 0.00	23.66 -1.37 0.00	24.46 -1.47 0.00	28.85 -1.32 0.00	24.22 -1.08 0.00	29.99 -1.15 0.00	31.84 -1.43 0.00	28.11 -1.34 0.00	33.17 -1.64 0.00	34.38 -1.73 1.32	37.44 -1.93 -0.14	34.65 -2.36 0.01	35.44 -2.52 0.05	37.22 -2.03 0.00	41.99 -2.23 0.00	43.16 -2.50 0.00	41.83 -2.79 0.00	44.95 -3.03 0.00	57.12 -4.21 0.00	34.38 -2.40 0.00	30.68 -2.27 0.00	32.18 -1.80 0.00	28.55 -1.42 0.00	27.28 -0.97 0.00
OSWEGATCHIE___HYD 24044	33.80 0.41 0.00	25.07 0.05 0.00	25.57 -0.36 0.00	29.24 -0.93 0.00	24.18 -1.12 0.00	29.64 -1.50 0.00	31.34 -1.93 0.00	27.87 -1.58 0.00	32.83 -1.97 0.00	34.69 -2.24 0.50	37.01 -2.22 0.00	34.94 -2.08 0.00	35.70 -2.31 0.00	37.13 -2.13 0.00	41.99 -2.23 0.00	43.66 -2.00 0.00	43.07 -1.54 0.00	46.57 -1.41 0.00	59.84 -1.49 0.00	35.90 -0.89 0.00	32.23 -0.71 0.00	33.94 -0.05 0.00	29.88 -0.09 0.00	28.00 -0.25 0.00
OSWEGO___5 23606	32.74 -0.65 0.00	24.51 -0.52 0.00	25.40 -0.53 0.00	29.59 -0.59 0.00	24.83 -0.46 0.00	30.57 -0.57 0.00	32.59 -0.68 0.00	28.82 -0.63 0.00	34.01 -0.79 0.00	36.58 -0.84 0.00	38.39 -0.90 -0.06	36.13 -0.89 0.00	37.07 -0.94 0.00	38.30 -0.95 0.00	43.13 -1.08 0.00	44.50 -1.16 0.00	43.43 -1.19 0.00	46.72 -1.25 0.00	59.65 -1.67 0.00	35.78 -1.01 0.00	32.02 -0.92 0.00	33.07 -0.92 0.00	29.18 -0.79 0.00	27.58 -0.68 0.00

OSWEGO___6 23613	32.74 -0.65 0.00	24.51 -0.52 0.00	25.40 -0.53 0.00	29.59 -0.59 0.00	24.83 -0.46 0.00	30.57 -0.57 0.00	32.59 -0.68 0.00	28.82 -0.63 0.00	34.01 -0.79 0.00	36.58 -0.84 0.00	38.39 -0.90 -0.06	36.13 -0.89 0.00	37.07 -0.94 0.00	38.30 -0.95 0.00	43.13 -1.08 0.00	44.50 -1.16 0.00	43.43 -1.19 0.00	46.72 -1.25 0.00	59.65 -1.67 0.00	35.78 -1.01 0.00	32.02 -0.92 0.00	33.07 -0.92 0.00	29.18 -0.79 0.00	27.58 -0.68 0.00
OUTOKUMPU-AB___DRP 24206	32.30 -1.08 0.00	24.02 -1.01 0.00	24.89 -1.04 0.00	29.44 -0.74 0.00	24.53 -0.77 0.00	30.18 -0.96 0.00	31.92 -1.34 0.00	28.13 -1.32 0.00	33.14 -1.67 0.00	34.83 -1.71 0.88	37.39 -1.95 -0.11	34.52 -2.49 0.01	35.15 -2.82 0.04	36.77 -2.48 0.00	41.54 -2.68 0.00	42.61 -3.05 0.00	41.23 -3.39 0.00	44.46 -3.51 0.00	56.51 -4.81 0.00	33.93 -2.86 0.00	30.25 -2.69 0.00	31.88 -2.11 0.00	28.26 -1.71 0.00	27.11 -1.14 0.00
OXBOW___BTM 323836	31.96 -1.43 0.00	23.76 -1.26 0.00	24.63 -1.30 0.00	29.16 -1.02 0.00	24.27 -1.03 0.00	29.85 -1.29 0.00	31.55 -1.71 0.00	27.79 -1.66 0.00	32.72 -2.08 0.00	34.41 -2.15 0.87	36.94 -2.40 -0.11	34.07 -2.93 0.01	34.70 -3.28 0.04	36.27 -2.98 0.00	41.00 -3.22 0.00	42.05 -3.61 0.00	40.70 -3.92 0.00	43.85 -4.12 0.00	55.76 -5.57 0.00	33.47 -3.32 0.00	29.85 -3.09 0.00	31.49 -2.50 0.00	27.94 -2.03 0.00	26.79 -1.46 0.00
OXBOW____ 24026	31.96 -1.43 0.00	23.76 -1.27 0.00	24.63 -1.30 0.00	29.16 -1.02 0.00	24.28 -1.02 0.00	29.86 -1.29 0.00	31.55 -1.71 0.00	27.79 -1.66 0.00	32.72 -2.08 0.00	34.41 -2.15 0.87	36.93 -2.41 -0.11	34.07 -2.94 0.01	34.69 -3.29 0.04	36.28 -2.97 0.00	40.99 -3.22 0.00	42.05 -3.62 0.00	40.68 -3.94 0.00	43.86 -4.12 0.00	55.76 -5.56 0.00	33.47 -3.32 0.00	29.85 -3.09 0.00	31.49 -2.50 0.00	27.94 -2.03 0.00	26.79 -1.46 0.00
OXY_CHEM_DSASP 323612	31.48 -1.91 0.00	23.42 -1.61 0.00	24.29 -1.64 0.00	28.76 -1.42 0.00	23.94 -1.36 0.00	29.41 -1.73 0.00	31.06 -2.21 0.00	27.32 -2.13 0.00	32.15 -2.65 0.00	33.80 -2.77 0.85	36.28 -3.05 -0.11	33.44 -3.57 0.01	34.05 -3.92 0.04	35.61 -3.65 0.00	40.24 -3.98 0.00	41.27 -4.39 0.00	39.92 -4.71 0.00	43.03 -4.95 0.00	54.72 -6.60 0.00	32.85 -3.94 0.00	29.31 -3.63 0.00	30.96 -3.02 0.00	27.48 -2.49 0.00	26.37 -1.88 0.00
OZONE_PARK_ESR 323760	35.73 2.35 0.00	26.72 1.70 0.00	27.67 1.74 0.00	32.23 2.05 0.00	27.13 1.83 0.00	33.52 2.38 0.00	36.14 2.88 0.00	32.15 2.70 0.00	38.17 3.36 0.00	41.12 3.70 0.00	45.93 3.93 -2.77	40.98 3.88 -0.08	42.34 4.06 -0.28	43.20 3.94 0.00	48.59 4.37 0.00	50.18 4.52 0.00	49.13 4.50 0.00	52.82 4.85 0.00	67.39 6.07 0.00	40.51 3.73 0.00	36.17 3.23 0.00	37.15 3.16 0.00	32.67 2.70 0.00	30.53 2.28 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	31.48 -1.91 0.00	23.42 -1.61 0.00	24.29 -1.64 0.00	28.76 -1.42 0.00	23.94 -1.36 0.00	29.41 -1.73 0.00	31.06 -2.21 0.00	27.32 -2.13 0.00	32.15 -2.65 0.00	33.80 -2.77 0.85	36.28 -3.05 -0.11	33.44 -3.57 0.01	34.05 -3.92 0.04	35.61 -3.65 0.00	40.24 -3.98 0.00	41.27 -4.39 0.00	39.92 -4.71 0.00	43.03 -4.95 0.00	54.72 -6.60 0.00	32.85 -3.94 0.00	29.31 -3.63 0.00	30.96 -3.02 0.00	27.48 -2.49 0.00	26.37 -1.88 0.00
PACKARD__115KV_DUPONT_184 80571	31.48 -1.91 0.00	23.42 -1.61 0.00	24.29 -1.64 0.00	28.76 -1.42 0.00	23.94 -1.36 0.00	29.41 -1.73 0.00	31.06 -2.21 0.00	27.32 -2.13 0.00	32.15 -2.65 0.00	33.80 -2.77 0.85	36.28 -3.05 -0.11	33.44 -3.57 0.01	34.05 -3.92 0.04	35.61 -3.65 0.00	40.24 -3.98 0.00	41.27 -4.39 0.00	39.92 -4.71 0.00	43.03 -4.95 0.00	54.72 -6.60 0.00	32.85 -3.94 0.00	29.31 -3.63 0.00	30.96 -3.02 0.00	27.48 -2.49 0.00	26.37 -1.88 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	35.36 1.98 0.00	26.44 1.42 0.00	27.38 1.45 0.00	31.88 1.70 0.00	26.83 1.53 0.00	33.11 1.97 0.00	35.75 2.49 0.00	31.83 2.38 0.00	37.82 3.02 0.00	40.71 3.28 0.00	45.46 3.46 -2.77	40.56 3.46 -0.08	41.88 3.59 -0.28	42.74 3.48 0.00	48.08 3.86 0.00	49.64 3.98 0.00	48.62 4.00 0.00	52.24 4.27 0.00	66.66 5.34 0.00	40.12 3.33 0.00	35.80 2.86 0.00	36.78 2.79 0.00	32.26 2.29 0.00	30.22 1.97 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	35.37 1.99 0.00	26.46 1.44 0.00	27.42 1.50 0.00	31.88 1.71 0.00	26.87 1.56 0.00	33.19 2.05 0.00	35.89 2.63 0.00	31.97 2.51 0.00	37.97 3.17 0.00	40.82 3.39 0.00	45.58 3.58 -2.77	40.67 3.57 -0.08	42.00 3.71 -0.28	42.89 3.64 0.00	48.23 4.02 0.00	49.81 4.15 0.00	48.77 4.16 0.00	52.41 4.44 0.00	66.88 5.55 0.00	40.24 3.46 0.00	35.90 2.95 0.00	36.86 2.87 0.00	32.33 2.36 0.00	30.30 2.04 0.00
PATROON__115KV_TB1 80586	34.03 0.64 0.00	25.62 0.59 0.00	26.59 0.66 0.00	30.92 0.74 0.00	25.95 0.65 0.00	31.87 0.72 0.00	34.18 0.91 0.00	30.32 0.87 0.00	35.91 1.11 0.00	38.51 1.08 0.00	40.16 1.13 0.19	38.14 1.11 -0.02	39.24 1.15 -0.08	40.48 1.23 0.00	45.56 1.35 0.00	47.11 1.45 0.00	46.09 1.47 0.00	49.49 1.52 0.00	63.28 1.96 0.00	37.95 1.16 0.00	34.02 1.07 0.00	34.98 1.00 0.00	30.79 0.81 0.00	28.93 0.68 0.00
PATTRSNVILLE___SOLAR 323815	34.61 1.22 0.00	25.95 0.93 0.00	26.87 0.94 0.00	31.30 1.12 0.00	26.21 0.91 0.00	32.28 1.14 0.00	34.59 1.33 0.00	30.66 1.21 0.00	36.19 1.39 0.00	38.95 1.52 0.00	40.58 1.50 0.15	38.41 1.38 -0.02	39.44 1.37 -0.06	40.65 1.39 0.00	45.86 1.65 0.00	47.44 1.78 0.00	46.48 1.85 0.00	49.99 2.02 0.00	63.90 2.57 0.00	38.31 1.53 0.00	34.29 1.35 0.00	35.34 1.35 0.00	31.13 1.15 0.00	29.29 1.04 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	33.20 -0.19 0.00	24.66 -0.37 0.00	25.55 -0.38 0.00	30.21 0.03 0.00	25.17 -0.14 0.00	31.08 -0.06 0.00	32.90 -0.36 0.00	29.01 -0.43 0.00	34.19 -0.61 0.00	35.83 -0.60 1.00	38.61 -0.74 -0.12	35.74 -1.26 0.01	36.47 -1.50 0.04	38.18 -1.08 0.00	43.13 -1.09 0.00	44.24 -1.42 0.00	42.78 -1.84 0.00	46.13 -1.85 0.00	58.67 -2.65 0.00	35.20 -1.58 0.00	31.33 -1.62 0.00	32.90 -1.09 0.00	29.14 -0.84 0.00	27.87 -0.38 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	35.48 2.10 0.00	26.56 1.54 0.00	27.52 1.59 0.00	32.06 1.89 0.00	26.98 1.69 0.00	33.35 2.21 0.00	35.93 2.67 0.00	31.95 2.50 0.00	37.93 3.13 0.00	40.85 3.42 0.00	44.99 3.60 -2.17	40.58 3.49 -0.07	41.90 3.65 -0.24	42.83 3.58 0.00	48.20 3.98 0.00	49.81 4.15 0.00	48.80 4.18 0.00	52.49 4.51 0.00	66.96 5.64 0.00	40.20 3.41 0.00	35.87 2.92 0.00	36.82 2.83 0.00	32.37 2.40 0.00	30.31 2.06 0.00
PEEKSKILL____ 23653	35.19 1.80 0.00	26.33 1.30 0.00	27.28 1.35 0.00	31.78 1.60 0.00	26.74 1.44 0.00	33.03 1.89 0.00	35.60 2.34 0.00	31.62 2.17 0.00	37.49 2.69 0.00	40.35 2.93 0.00	45.01 3.10 -2.69	40.15 3.05 -0.09	41.51 3.20 -0.30	42.34 3.08 0.00	47.62 3.40 0.00	49.18 3.52 0.00	48.17 3.55 0.00	51.81 3.83 0.00	66.10 4.78 0.00	39.72 2.93 0.00	35.45 2.51 0.00	36.40 2.42 0.00	32.03 2.06 0.00	29.99 1.74 0.00

PGE MADISON___WINDPWR 24146	35.74 2.35 0.00	26.60 1.57 0.00	27.50 1.57 0.00	31.88 1.70 0.00	27.10 1.80 0.00	34.02 2.88 0.00	37.50 4.23 0.00	32.89 3.44 0.00	38.98 4.18 0.00	43.84 4.10 -2.32	44.20 4.35 -0.63	41.57 4.61 0.06	46.35 8.55 0.20	49.01 9.76 0.00	55.08 10.86 0.00	56.67 11.01 0.00	52.26 7.64 0.00	56.34 8.37 0.00	72.35 11.03 0.00	42.97 6.18 0.00	38.53 5.59 0.00	39.30 5.31 0.00	34.62 4.64 0.00	32.51 4.26 0.00
PIERCEFIELD___HYD 23852	33.61 0.22 0.00	25.05 0.02 0.00	25.28 -0.65 0.00	28.55 -1.63 0.00	23.54 -1.76 0.00	28.86 -2.28 0.00	30.59 -2.68 0.00	27.24 -2.21 0.00	32.01 -2.79 0.00	33.51 -3.18 0.74	36.13 -3.09 0.00	34.11 -2.91 0.00	35.00 -3.01 0.00	36.89 -2.36 0.00	41.94 -2.28 0.00	43.40 -2.25 0.00	42.90 -1.71 0.00	46.48 -1.50 0.00	59.70 -1.62 0.00	35.87 -0.91 0.00	32.09 -0.85 0.00	33.83 -0.16 0.00	29.93 -0.04 0.00	28.12 -0.13 0.00
PINELAWN_CC_1 323563	35.31 2.04 0.11	26.48 1.46 0.00	27.53 1.60 0.00	31.97 1.80 0.00	26.91 1.61 0.00	33.37 2.23 0.00	35.84 2.58 0.00	31.75 2.30 0.00	37.86 3.06 0.00	40.79 3.37 0.00	50.66 4.05 -7.38	47.13 3.85 -6.27	48.53 4.01 -6.51	45.79 3.90 -2.63	53.47 4.27 -4.98	54.39 4.27 -4.46	53.81 4.25 -4.95	62.75 4.51 -10.26	84.86 5.70 -17.84	61.09 3.56 -20.75	35.91 2.96 0.00	36.91 2.93 0.00	33.72 2.79 -0.96	30.64 2.38 0.00
PJM_GEN_HTP_PROXY 323702	35.38 2.00 0.00	26.47 1.45 0.00	27.42 1.49 0.00	31.93 1.75 0.00	26.89 1.58 0.00	33.21 2.07 0.00	35.79 2.52 0.00	33.06 2.35 -1.26	38.45 2.96 -0.69	40.68 3.25 0.00	45.45 3.45 -2.78	40.78 3.39 -0.37	41.84 3.55 -0.28	42.69 3.43 0.00	48.01 3.80 0.00	49.59 3.93 0.00	48.66 3.92 -0.12	52.19 4.22 0.00	66.58 5.26 0.00	40.71 3.24 -0.68	35.73 2.79 0.00	36.71 2.72 0.00	32.29 2.32 0.00	30.21 1.96 0.00
PJM_GEN_KEystone 24065	33.91 0.52 0.00	25.26 0.24 0.00	26.19 0.26 0.00	30.66 0.49 0.00	25.73 0.43 0.00	31.81 0.66 0.00	34.02 0.76 0.00	31.41 0.70 -1.26	36.30 0.82 -0.69	37.77 0.84 0.50	41.63 0.89 -1.51	38.09 0.74 -0.34	39.00 0.82 -0.17	40.16 0.91 0.00	45.31 1.09 0.00	46.63 0.97 0.00	45.50 0.76 -0.12	48.84 0.87 0.00	62.27 0.95 0.00	39.42 0.57 -2.07	33.26 0.31 0.00	34.35 0.37 0.00	30.32 0.35 0.00	28.63 0.37 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.82 1.75 0.32	26.26 1.24 0.00	27.29 1.36 0.00	31.72 1.54 0.00	26.69 1.39 0.00	33.07 1.92 0.00	35.51 2.25 0.00	32.71 2.00 -1.26	38.17 2.68 -0.68	40.37 2.95 0.00	45.34 3.51 -2.61	41.61 3.37 -1.23	42.71 3.55 -1.16	42.54 3.46 0.18	48.63 3.71 -0.70	49.97 3.68 -0.63	49.05 3.62 -0.82	55.80 3.87 -3.96	81.46 5.05 -15.08	45.52 3.13 -5.61	35.59 2.64 0.00	36.58 2.59 0.00	33.23 2.45 -0.81	30.32 2.07 0.00
PJM_GEN_VFT_PROXY 323633	35.42 2.03 0.00	26.48 1.46 0.00	27.42 1.49 0.00	31.93 1.76 0.00	26.90 1.60 0.00	33.21 2.07 0.00	35.81 2.55 0.00	33.08 2.37 -1.26	38.45 2.97 -0.69	40.69 3.26 0.00	45.46 3.46 -2.78	40.81 3.42 -0.37	41.88 3.60 -0.28	42.72 3.47 0.00	48.05 3.83 0.00	49.64 3.98 0.00	48.69 3.95 -0.12	52.25 4.27 0.00	66.66 5.34 0.00	40.76 3.29 -0.68	35.74 2.80 0.00	36.70 2.72 0.00	32.26 2.29 0.00	30.18 1.93 0.00
PLATSBURG_115KV_PMLD1 355749	33.35 -0.03 0.00	24.98 -0.04 0.00	25.02 -0.91 0.00	27.97 -2.20 0.00	23.07 -2.23 0.00	28.30 -2.84 0.00	29.97 -3.29 0.00	26.76 -2.69 0.00	31.40 -3.40 0.00	32.63 -3.88 0.92	35.38 -3.84 0.00	33.36 -3.66 0.00	34.47 -3.54 0.00	36.81 -2.45 0.00	42.25 -1.97 0.00	43.95 -1.71 0.00	43.39 -1.23 0.00	46.81 -1.16 0.00	60.14 -1.18 0.00	36.27 -0.51 0.00	32.28 -0.66 0.00	34.12 0.13 0.00	30.33 0.36 0.00	28.53 0.27 0.00
PLEASANTVLY___LBMP 24000	34.92 1.53 0.00	26.17 1.15 0.00	27.12 1.20 0.00	31.59 1.41 0.00	26.56 1.26 0.00	32.78 1.64 0.00	35.27 2.01 0.00	31.32 1.87 0.00	37.15 2.35 0.00	39.99 2.57 0.00	41.25 2.67 0.65	39.69 2.61 -0.06	40.94 2.73 -0.20	41.90 2.65 0.00	47.14 2.93 0.00	48.72 3.06 0.00	47.71 3.09 0.00	51.30 3.32 0.00	65.55 4.23 0.00	39.37 2.59 0.00	35.18 2.24 0.00	36.13 2.15 0.00	31.81 1.84 0.00	29.81 1.56 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.28 1.89 0.00	26.41 1.39 0.00	27.37 1.44 0.00	31.87 1.69 0.00	26.81 1.51 0.00	33.12 1.98 0.00	35.67 2.41 0.00	31.69 2.24 0.00	37.60 2.80 0.00	40.49 3.06 0.00	45.35 3.21 -2.91	40.25 3.16 -0.08	41.56 3.29 -0.26	42.44 3.19 0.00	47.74 3.53 0.00	49.31 3.66 0.00	48.31 3.69 0.00	51.93 3.96 0.00	66.25 4.93 0.00	39.82 3.03 0.00	35.55 2.61 0.00	36.50 2.52 0.00	32.13 2.15 0.00	30.07 1.82 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.28 1.89 0.00	26.41 1.39 0.00	27.37 1.44 0.00	31.87 1.69 0.00	26.81 1.51 0.00	33.12 1.98 0.00	35.67 2.41 0.00	31.69 2.24 0.00	37.60 2.80 0.00	40.49 3.06 0.00	45.35 3.21 -2.91	40.25 3.16 -0.08	41.56 3.29 -0.26	42.44 3.19 0.00	47.74 3.53 0.00	49.31 3.66 0.00	48.31 3.69 0.00	51.93 3.96 0.00	66.25 4.93 0.00	39.82 3.03 0.00	35.55 2.61 0.00	36.50 2.52 0.00	32.13 2.15 0.00	30.07 1.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.11 1.72 0.00	26.31 1.29 0.00	27.26 1.34 0.00	31.75 1.57 0.00	26.70 1.39 0.00	32.97 1.82 0.00	35.50 2.23 0.00	31.56 2.11 0.00	37.44 2.64 0.00	40.34 2.92 0.00	43.21 3.08 -0.90	39.99 2.91 -0.06	41.37 3.13 -0.22	42.32 3.07 0.00	47.66 3.44 0.00	49.25 3.59 0.00	48.22 3.60 0.00	51.90 3.93 0.00	66.33 5.01 0.00	39.82 3.04 0.00	35.55 2.61 0.00	36.50 2.52 0.00	32.11 2.14 0.00	30.09 1.83 0.00
POLETTI___ 23519	35.34 1.96 0.00	26.45 1.42 0.00	27.39 1.47 0.00	31.90 1.72 0.00	26.87 1.57 0.00	33.17 2.03 0.00	35.68 2.42 0.00	31.71 2.26 0.00	37.65 2.85 0.00	40.60 3.17 0.00	45.36 3.36 -2.77	40.46 3.36 -0.08	41.79 3.51 -0.28	42.58 3.32 0.00	47.89 3.68 0.00	49.46 3.80 0.00	48.44 3.81 0.00	52.06 4.09 0.00	66.43 5.10 0.00	39.94 3.16 0.00	35.71 2.77 0.00	36.75 2.76 0.00	32.34 2.37 0.00	30.19 1.94 0.00
POMONA___ESR 323819	35.23 1.85 0.00	26.35 1.32 0.00	27.30 1.38 0.00	31.81 1.63 0.00	26.77 1.47 0.00	33.08 1.94 0.00	35.66 2.40 0.00	31.67 2.22 0.00	37.53 2.73 0.00	40.38 2.96 0.00	45.00 3.14 -2.64	40.21 3.08 -0.11	41.63 3.25 -0.37	42.38 3.13 0.00	47.67 3.45 0.00	49.23 3.57 0.00	48.22 3.60 0.00	51.85 3.88 0.00	66.16 4.84 0.00	39.74 2.96 0.00	35.48 2.54 0.00	36.40 2.41 0.00	32.01 2.04 0.00	30.00 1.74 0.00
PORT_JEFF_3 23555	35.10 1.95 0.24	26.44 1.41 0.00	27.54 1.61 0.00	31.94 1.76 0.00	26.89 1.59 0.00	33.36 2.22 0.00	35.70 2.44 0.00	31.61 2.16 0.00	37.74 2.94 0.00	40.67 3.25 0.00	48.24 4.06 -4.96	43.99 3.86 -3.12	45.39 4.03 -3.35	44.16 3.93 -0.98	51.02 4.34 -2.46	52.26 4.40 -2.20	51.45 4.39 -2.44	59.12 4.64 -6.51	83.25 5.72 -16.21	53.72 3.60 -13.34	35.86 2.92 0.00	36.87 2.89 0.00	33.70 2.86 -0.87	30.71 2.46 0.00

PORT_JEFF_4 23616	35.10 1.95 0.24	26.44 1.41 0.00	27.54 1.61 0.00	31.94 1.76 0.00	26.89 1.59 0.00	33.36 2.22 0.00	35.70 2.44 0.00	31.61 2.16 0.00	37.74 2.94 0.00	40.67 3.25 0.00	48.24 4.06 -4.96	43.99 3.86 -3.12	45.39 4.03 -3.35	44.16 3.93 -0.98	51.02 4.34 -2.46	52.26 4.40 -2.20	51.45 4.39 -2.44	59.12 4.64 -6.51	83.25 5.72 -16.21	53.72 3.60 -13.34	35.86 2.92 0.00	36.87 2.89 0.00	33.70 2.86 -0.87	30.71 2.46 0.00
PORT_JEFF_IC 23713	35.11 1.95 0.23	26.43 1.41 0.00	27.54 1.61 0.00	31.93 1.76 0.00	26.88 1.58 0.00	33.36 2.22 0.00	35.70 2.44 0.00	31.61 2.16 0.00	37.75 2.95 0.00	40.68 3.26 0.00	48.35 4.09 -5.03	44.11 3.88 -3.21	45.52 4.07 -3.44	44.24 3.96 -1.03	51.13 4.39 -2.53	52.39 4.46 -2.26	51.56 4.43 -2.51	59.26 4.67 -6.62	83.35 5.77 -16.26	53.99 3.64 -13.56	35.86 2.92 0.00	36.87 2.89 0.00	33.70 2.86 -0.87	30.71 2.45 0.00
PPL PILGRIM_ST_GT1 24216	35.34 2.16 0.22	26.59 1.56 0.00	27.67 1.74 0.00	32.12 1.94 0.00	27.04 1.73 0.00	33.54 2.40 0.00	35.97 2.71 0.00	31.84 2.39 0.00	38.00 3.20 0.00	40.93 3.50 0.00	48.90 4.26 -5.41	44.68 4.03 -3.63	46.06 4.18 -3.87	44.56 4.06 -1.25	51.54 4.46 -2.87	52.70 4.48 -2.57	51.94 4.47 -2.85	59.82 4.74 -7.11	83.61 5.82 -16.47	55.26 3.66 -14.81	36.01 3.07 0.00	37.04 3.06 0.00	33.82 2.96 -0.88	30.81 2.55 0.00
PPL PILGRIM_ST_GT2 24217	35.34 2.16 0.22	26.59 1.56 0.00	27.67 1.74 0.00	32.12 1.94 0.00	27.04 1.73 0.00	33.54 2.40 0.00	35.97 2.71 0.00	31.84 2.39 0.00	38.00 3.20 0.00	40.93 3.50 0.00	48.90 4.26 -5.41	44.68 4.03 -3.63	46.06 4.18 -3.87	44.56 4.06 -1.25	51.54 4.46 -2.87	52.70 4.48 -2.57	51.94 4.47 -2.85	59.82 4.74 -7.11	83.61 5.82 -16.47	55.26 3.66 -14.81	36.01 3.07 0.00	37.04 3.06 0.00	33.82 2.96 -0.88	30.81 2.55 0.00
PPL_SHRM_GT3 24213	34.73 1.58 0.24	26.18 1.15 0.00	27.39 1.46 0.00	31.74 1.56 0.00	26.73 1.43 0.00	33.19 2.05 0.00	35.35 2.08 0.00	31.31 1.86 0.00	37.46 2.66 0.00	40.40 2.97 0.00	48.34 4.12 -4.99	44.09 3.92 -3.16	45.51 4.11 -3.39	44.33 4.08 -1.00	51.35 4.65 -2.49	52.63 4.75 -2.23	49.05 4.75 0.32	44.66 5.00 8.32	63.16 5.86 4.02	53.92 3.71 -13.43	35.74 2.80 0.00	36.29 2.77 0.47	33.64 2.80 -0.87	30.63 2.37 0.00
PPL_SHRM_GT4 24214	34.73 1.58 0.24	26.18 1.15 0.00	27.39 1.46 0.00	31.74 1.56 0.00	26.73 1.43 0.00	33.19 2.05 0.00	35.35 2.08 0.00	31.31 1.86 0.00	37.46 2.66 0.00	40.40 2.97 0.00	48.34 4.12 -4.99	44.09 3.92 -3.16	45.51 4.11 -3.39	44.33 4.08 -1.00	51.35 4.65 -2.49	52.63 4.75 -2.23	49.05 4.75 0.32	44.66 5.00 8.32	63.16 5.86 4.02	53.92 3.71 -13.43	35.74 2.80 0.00	36.29 2.77 0.47	33.64 2.80 -0.87	30.63 2.37 0.00
PROJECT___ORANGE 1 24174	33.11 -0.28 0.00	24.78 -0.25 0.00	25.68 -0.25 0.00	29.95 -0.23 0.00	25.15 -0.15 0.00	30.99 -0.15 0.00	33.07 -0.19 0.00	29.26 -0.19 0.00	34.54 -0.26 0.00	37.15 -0.26 0.02	39.03 -0.27 -0.07	36.70 -0.32 0.00	37.65 -0.36 0.00	38.89 -0.37 0.00	43.76 -0.45 0.00	45.13 -0.53 0.00	44.00 -0.62 0.00	47.32 -0.66 0.00	60.41 -0.91 0.00	36.23 -0.56 0.00	32.45 -0.49 0.00	33.49 -0.50 0.00	29.55 -0.43 0.00	27.91 -0.35 0.00
PROJECT___ORANGE 2 24166	33.11 -0.28 0.00	24.78 -0.25 0.00	25.68 -0.25 0.00	29.95 -0.23 0.00	25.15 -0.15 0.00	30.99 -0.15 0.00	33.07 -0.19 0.00	29.26 -0.19 0.00	34.54 -0.26 0.00	37.15 -0.26 0.02	39.03 -0.27 -0.07	36.70 -0.32 0.00	37.65 -0.36 0.00	38.89 -0.37 0.00	43.76 -0.45 0.00	45.13 -0.53 0.00	44.00 -0.62 0.00	47.32 -0.66 0.00	60.41 -0.91 0.00	36.23 -0.56 0.00	32.45 -0.49 0.00	33.49 -0.50 0.00	29.55 -0.43 0.00	27.91 -0.35 0.00
PUCKETT___SOLAR 323809	33.99 0.60 0.00	25.34 0.31 0.00	26.24 0.31 0.00	30.53 0.35 0.00	25.78 0.48 0.00	32.13 0.99 0.00	33.69 0.42 0.00	29.78 0.33 0.00	35.16 0.36 0.00	37.79 0.36 0.00	39.86 0.40 -0.24	37.41 0.42 0.03	38.63 0.71 0.09	40.15 0.89 0.00	45.13 0.91 0.00	46.53 0.87 0.00	45.36 0.74 0.00	48.76 0.79 0.00	62.23 0.91 0.00	37.29 0.51 0.00	33.28 0.34 0.00	34.29 0.31 0.00	30.28 0.31 0.00	28.59 0.33 0.00
PYRITES___HYD 24023	34.10 0.71 0.00	25.45 0.43 0.00	25.65 -0.28 0.00	28.93 -1.25 0.00	23.89 -1.42 0.00	29.34 -1.81 0.00	31.08 -2.18 0.00	27.71 -1.74 0.00	32.53 -2.26 0.00	34.04 -2.63 0.76	36.77 -2.46 0.00	34.60 -2.42 0.00	35.37 -2.64 0.00	37.38 -1.87 0.00	42.54 -1.68 0.00	43.91 -1.74 0.00	43.62 -0.99 0.00	47.33 -0.64 0.00	60.76 -0.57 0.00	36.48 -0.30 0.00	32.62 -0.32 0.00	34.34 0.35 0.00	30.39 0.42 0.00	28.54 0.28 0.00
QUAKERRD_115KV_BK1 80622	32.05 -1.34 0.00	23.92 -1.11 0.00	24.79 -1.14 0.00	29.07 -1.11 0.00	24.34 -0.96 0.00	29.98 -1.16 0.00	31.93 -1.33 0.00	28.23 -1.22 0.00	33.30 -1.50 0.00	35.36 -1.57 0.50	37.63 -1.69 -0.09	35.12 -1.90 0.00	35.95 -2.06 0.00	37.32 -1.93 0.00	42.11 -2.11 0.00	43.34 -2.32 0.00	42.14 -2.48 0.00	45.40 -2.57 0.00	57.83 -3.50 0.00	34.67 -2.11 0.00	30.95 -1.99 0.00	32.19 -1.80 0.00	28.41 -1.56 0.00	26.97 -1.29 0.00
QUEENSBRY_115KV_TB8 356137	35.55 2.16 0.00	26.77 1.74 0.00	27.79 1.86 0.00	32.38 2.20 0.00	27.02 1.72 0.00	33.09 1.95 0.00	35.37 2.10 0.00	31.41 1.96 0.00	37.06 2.26 0.00	39.83 2.41 0.00	41.22 2.18 0.18	38.86 1.82 -0.02	39.98 1.90 -0.07	41.07 1.82 0.00	46.21 1.99 0.00	48.10 2.44 0.00	47.21 2.59 0.00	50.64 2.67 0.00	64.76 3.43 0.00	38.73 1.95 0.00	34.53 1.59 0.00	35.65 1.66 0.00	31.48 1.51 0.00	29.52 1.27 0.00
RAMAPO___LBMP 323565	35.12 1.74 0.00	26.27 1.25 0.00	27.22 1.29 0.00	31.71 1.54 0.00	26.69 1.39 0.00	32.97 1.83 0.00	35.55 2.28 0.00	31.56 2.11 0.00	37.40 2.60 0.00	40.23 2.80 0.00	44.85 2.98 -2.65	40.05 2.92 -0.11	41.46 3.09 -0.36	42.22 2.96 0.00	47.48 3.26 0.00	49.03 3.37 0.00	48.02 3.40 0.00	51.65 3.68 0.00	65.91 4.58 0.00	39.58 2.80 0.00	35.33 2.39 0.00	36.26 2.28 0.00	31.89 1.92 0.00	29.88 1.63 0.00
RANKINE____ 23646	32.60 -0.79 0.00	24.20 -0.83 0.00	25.07 -0.86 0.00	29.63 -0.55 0.00	24.70 -0.60 0.00	30.46 -0.68 0.00	32.27 -0.99 0.00	28.45 -1.00 0.00	33.52 -1.29 0.00	35.13 -1.32 0.98	37.84 -1.50 -0.12	34.97 -2.04 0.01	35.64 -2.33 0.04	37.31 -1.94 0.00	42.11 -2.11 0.00	43.23 -2.43 0.00	41.81 -2.81 0.00	45.09 -2.88 0.00	57.33 -4.00 0.00	34.45 -2.33 0.00	30.71 -2.23 0.00	32.31 -1.67 0.00	28.63 -1.35 0.00	27.42 -0.83 0.00
RAVENSWOOD_GT2_1 24244	35.40 2.02 0.00	26.49 1.46 0.00	27.43 1.50 0.00	31.95 1.77 0.00	26.89 1.59 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.78 2.98 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.53 3.43 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.83 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.23 4.25 0.00	66.63 5.31 0.00	40.07 3.29 0.00	35.78 2.84 0.00	36.75 2.76 0.00	32.33 2.36 0.00	30.23 1.98 0.00



RAVENSWOOD_GT2_2 24245	35.40 2.02 0.00	26.49 1.46 0.00	27.43 1.50 0.00	31.95 1.77 0.00	26.89 1.59 0.00	33.21 2.07 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.78 2.98 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.53 3.43 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.83 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.23 4.25 0.00	66.63 5.31 0.00	40.07 3.29 0.00	35.78 2.84 0.00	36.75 2.76 0.00	32.33 2.36 0.00	30.23 1.98 0.00
RAVENSWOOD_GT2_3 24246	35.42 2.04 0.00	26.50 1.47 0.00	27.44 1.52 0.00	31.96 1.78 0.00	26.90 1.60 0.00	33.23 2.08 0.00	35.81 2.55 0.00	31.83 2.38 0.00	37.80 3.00 0.00	40.73 3.30 0.00	45.49 3.49 -2.77	40.55 3.45 -0.08	41.90 3.61 -0.28	42.73 3.48 0.00	48.07 3.86 0.00	49.64 3.98 0.00	48.61 3.99 0.00	52.26 4.28 0.00	66.68 5.36 0.00	40.08 3.30 0.00	35.80 2.85 0.00	36.77 2.79 0.00	32.34 2.37 0.00	30.25 2.00 0.00
RAVENSWOOD_GT2_4 24247	35.42 2.04 0.00	26.50 1.47 0.00	27.44 1.52 0.00	31.96 1.78 0.00	26.90 1.60 0.00	33.23 2.08 0.00	35.81 2.55 0.00	31.83 2.38 0.00	37.80 3.00 0.00	40.73 3.30 0.00	45.49 3.49 -2.77	40.55 3.45 -0.08	41.90 3.61 -0.28	42.73 3.48 0.00	48.07 3.86 0.00	49.64 3.98 0.00	48.61 3.99 0.00	52.26 4.28 0.00	66.68 5.36 0.00	40.08 3.30 0.00	35.80 2.85 0.00	36.77 2.79 0.00	32.34 2.37 0.00	30.25 2.00 0.00
RAVENSWOOD_GT3_1 24248	35.41 2.02 0.00	26.49 1.47 0.00	27.43 1.50 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.22 2.08 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.78 2.98 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.54 3.44 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.23 4.26 0.00	66.64 5.32 0.00	40.07 3.29 0.00	35.78 2.84 0.00	36.76 2.77 0.00	32.33 2.36 0.00	30.23 1.98 0.00
RAVENSWOOD_GT3_2 24249	35.41 2.02 0.00	26.49 1.47 0.00	27.43 1.50 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.22 2.08 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.78 2.98 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.54 3.44 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.23 4.26 0.00	66.64 5.32 0.00	40.07 3.29 0.00	35.78 2.84 0.00	36.76 2.77 0.00	32.33 2.36 0.00	30.23 1.98 0.00
RAVENSWOOD_GT3_3 24250	35.46 2.07 0.00	26.52 1.50 0.00	27.47 1.54 0.00	31.99 1.81 0.00	26.93 1.63 0.00	33.26 2.12 0.00	35.85 2.58 0.00	31.87 2.42 0.00	37.84 3.04 0.00	40.78 3.35 0.00	45.54 3.55 -2.77	40.60 3.50 -0.08	41.95 3.66 -0.28	42.80 3.54 0.00	48.14 3.92 0.00	49.72 4.06 0.00	48.66 4.04 0.00	52.32 4.34 0.00	66.75 5.43 0.00	40.13 3.35 0.00	35.84 2.89 0.00	36.81 2.82 0.00	32.37 2.40 0.00	30.28 2.03 0.00
RAVENSWOOD_GT3_4 24251	35.46 2.07 0.00	26.52 1.50 0.00	27.47 1.54 0.00	31.99 1.81 0.00	26.93 1.63 0.00	33.26 2.12 0.00	35.85 2.58 0.00	31.87 2.42 0.00	37.84 3.04 0.00	40.78 3.35 0.00	45.54 3.55 -2.77	40.60 3.50 -0.08	41.95 3.66 -0.28	42.80 3.54 0.00	48.14 3.92 0.00	49.72 4.06 0.00	48.66 4.04 0.00	52.32 4.34 0.00	66.75 5.43 0.00	40.13 3.35 0.00	35.84 2.89 0.00	36.81 2.82 0.00	32.37 2.40 0.00	30.28 2.03 0.00
RAVENSWOOD_GT_1 23729	35.51 2.12 0.00	26.55 1.52 0.00	27.49 1.56 0.00	32.02 1.85 0.00	26.96 1.66 0.00	33.27 2.13 0.00	35.87 2.60 0.00	31.88 2.43 0.00	37.89 3.09 0.00	40.84 3.42 0.00	45.57 3.58 -2.77	40.65 3.55 -0.08	42.00 3.71 -0.28	42.85 3.59 0.00	48.19 3.97 0.00	49.75 4.09 0.00	48.72 4.09 0.00	52.35 4.37 0.00	66.78 5.46 0.00	40.19 3.41 0.00	35.89 2.95 0.00	36.85 2.86 0.00	32.40 2.43 0.00	30.31 2.06 0.00
RAVENSWOOD_GT_10 24258	35.41 2.02 0.00	26.49 1.47 0.00	27.43 1.50 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.22 2.08 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.78 2.98 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.53 3.43 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.23 4.26 0.00	66.64 5.32 0.00	40.07 3.29 0.00	35.78 2.84 0.00	36.76 2.77 0.00	32.33 2.36 0.00	30.23 1.98 0.00
RAVENSWOOD_GT_11 24259	35.41 2.02 0.00	26.49 1.47 0.00	27.43 1.50 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.22 2.08 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.78 2.98 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.53 3.43 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.23 4.26 0.00	66.64 5.32 0.00	40.07 3.29 0.00	35.78 2.84 0.00	36.76 2.77 0.00	32.33 2.36 0.00	30.23 1.98 0.00
RAVENSWOOD_GT_4 24252	35.41 2.02 0.00	26.49 1.47 0.00	27.44 1.51 0.00	31.96 1.78 0.00	26.90 1.60 0.00	33.23 2.08 0.00	35.80 2.54 0.00	31.82 2.37 0.00	37.79 2.99 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.53 3.43 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.24 4.26 0.00	66.66 5.33 0.00	40.06 3.28 0.00	35.77 2.83 0.00	36.75 2.76 0.00	32.33 2.36 0.00	30.23 1.98 0.00
RAVENSWOOD_GT_5 24254	35.41 2.02 0.00	26.49 1.47 0.00	27.44 1.51 0.00	31.96 1.78 0.00	26.90 1.60 0.00	33.23 2.08 0.00	35.80 2.54 0.00	31.82 2.37 0.00	37.79 2.99 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.53 3.43 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.24 4.26 0.00	66.66 5.33 0.00	40.06 3.28 0.00	35.77 2.83 0.00	36.75 2.76 0.00	32.33 2.36 0.00	30.23 1.98 0.00
RAVENSWOOD_GT_6 24253	35.41 2.02 0.00	26.49 1.47 0.00	27.44 1.51 0.00	31.96 1.78 0.00	26.90 1.60 0.00	33.23 2.08 0.00	35.80 2.54 0.00	31.82 2.37 0.00	37.79 2.99 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.53 3.43 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.24 4.26 0.00	66.66 5.33 0.00	40.06 3.28 0.00	35.77 2.83 0.00	36.75 2.76 0.00	32.33 2.36 0.00	30.23 1.98 0.00
RAVENSWOOD_GT_7 24255	35.41 2.02 0.00	26.49 1.47 0.00	27.44 1.51 0.00	31.96 1.78 0.00	26.90 1.60 0.00	33.23 2.08 0.00	35.80 2.54 0.00	31.82 2.37 0.00	37.79 2.99 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.53 3.43 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.24 4.26 0.00	66.66 5.33 0.00	40.06 3.28 0.00	35.77 2.83 0.00	36.75 2.76 0.00	32.33 2.36 0.00	30.23 1.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.41 2.02 0.00	26.49 1.47 0.00	27.43 1.50 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.22 2.08 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.78 2.98 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.53 3.43 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.23 4.26 0.00	66.64 5.32 0.00	40.07 3.29 0.00	35.78 2.84 0.00	36.76 2.77 0.00	32.33 2.36 0.00	30.23 1.98 0.00

RAVENSWOOD_GT_9 24257	35.41 2.02 0.00	26.49 1.47 0.00	27.43 1.50 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.22 2.08 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.78 2.98 0.00	40.71 3.28 0.00	45.48 3.48 -2.77	40.53 3.43 -0.08	41.88 3.59 -0.28	42.72 3.47 0.00	48.05 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.23 4.26 0.00	66.64 5.32 0.00	40.07 3.29 0.00	35.78 2.84 0.00	36.76 2.77 0.00	32.33 2.36 0.00	30.23 1.98 0.00
RAVENSWOOD___1 23533	35.43 2.05 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.96 1.78 0.00	26.90 1.60 0.00	33.20 2.06 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.80 3.00 0.00	40.75 3.32 0.00	45.48 3.49 -2.77	40.56 3.46 -0.08	41.91 3.63 -0.28	42.76 3.50 0.00	48.09 3.88 0.00	49.65 3.99 0.00	48.60 3.98 0.00	52.23 4.25 0.00	66.64 5.32 0.00	40.12 3.33 0.00	35.82 2.88 0.00	36.78 2.80 0.00	32.35 2.38 0.00	30.26 2.01 0.00
RAVENSWOOD___2 23534	35.43 2.05 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.96 1.78 0.00	26.90 1.60 0.00	33.20 2.06 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.80 3.00 0.00	40.75 3.32 0.00	45.48 3.49 -2.77	40.56 3.46 -0.08	41.91 3.63 -0.28	42.76 3.50 0.00	48.09 3.88 0.00	49.65 3.99 0.00	48.60 3.98 0.00	52.23 4.25 0.00	66.64 5.32 0.00	40.12 3.33 0.00	35.82 2.88 0.00	36.78 2.80 0.00	32.35 2.38 0.00	30.26 2.01 0.00
RAVENSWOOD___3 23535	35.41 2.03 0.00	26.49 1.47 0.00	27.43 1.50 0.00	31.95 1.78 0.00	26.90 1.60 0.00	33.22 2.08 0.00	35.80 2.53 0.00	31.82 2.37 0.00	37.78 2.99 0.00	40.72 3.29 0.00	45.48 3.48 -2.77	40.54 3.44 -0.08	41.88 3.60 -0.28	42.72 3.47 0.00	48.06 3.84 0.00	49.63 3.97 0.00	48.58 3.96 0.00	52.23 4.26 0.00	66.64 5.32 0.00	40.07 3.29 0.00	35.78 2.84 0.00	36.76 2.78 0.00	32.33 2.36 0.00	30.24 1.99 0.00
RAVENSWOOD___4 23820	35.43 2.05 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.96 1.78 0.00	26.90 1.60 0.00	33.20 2.06 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.80 3.00 0.00	40.75 3.32 0.00	45.48 3.49 -2.77	40.56 3.46 -0.08	41.91 3.63 -0.28	42.76 3.50 0.00	48.09 3.88 0.00	49.65 3.99 0.00	48.60 3.98 0.00	52.23 4.25 0.00	66.64 5.32 0.00	40.12 3.33 0.00	35.82 2.88 0.00	36.78 2.80 0.00	32.35 2.38 0.00	30.26 2.01 0.00
RCPL_TRUST___DRP 24196	35.42 2.04 0.00	26.50 1.48 0.00	27.45 1.52 0.00	31.97 1.79 0.00	26.91 1.61 0.00	33.24 2.10 0.00	35.82 2.56 0.00	31.84 2.39 0.00	37.80 3.00 0.00	40.74 3.31 0.00	45.49 3.50 -2.77	40.55 3.45 -0.08	41.90 3.61 -0.28	42.75 3.50 0.00	48.08 3.86 0.00	49.67 4.01 0.00	48.62 4.00 0.00	52.26 4.29 0.00	66.68 5.35 0.00	40.07 3.29 0.00	35.78 2.84 0.00	36.74 2.75 0.00	32.32 2.35 0.00	30.23 1.98 0.00
RED___ROCHESTER 323720	32.77 -0.61 0.00	24.45 -0.58 0.00	25.32 -0.60 0.00	29.76 -0.42 0.00	24.88 -0.42 0.00	30.67 -0.47 0.00	32.64 -0.62 0.00	28.85 -0.59 0.00	34.05 -0.75 0.00	36.12 -0.74 0.56	38.49 -0.82 -0.09	35.85 -1.17 0.00	36.68 -1.33 0.00	38.11 -1.14 0.00	43.02 -1.20 0.00	44.25 -1.41 0.00	43.01 -1.61 0.00	46.34 -1.63 0.00	59.03 -2.29 0.00	35.36 -1.43 0.00	31.54 -1.40 0.00	32.87 -1.12 0.00	29.02 -0.95 0.00	27.56 -0.70 0.00
REGAN___SOLAR 323812	35.48 2.10 0.00	26.54 1.51 0.00	27.42 1.50 0.00	31.93 1.75 0.00	26.72 1.42 0.00	32.97 1.83 0.00	35.40 2.14 0.00	31.40 1.95 0.00	36.96 2.15 0.00	39.69 2.27 0.00	41.25 2.14 0.11	39.02 2.00 -0.01	39.93 1.88 -0.04	41.36 2.11 0.00	46.81 2.59 0.00	48.44 2.78 0.00	47.53 2.91 0.00	51.21 3.23 0.00	65.43 4.11 0.00	39.19 2.40 0.00	35.04 2.09 0.00	36.15 2.16 0.00	31.82 1.85 0.00	29.94 1.69 0.00
RENSSELAER___COGEN 23796	33.84 0.46 0.00	25.48 0.46 0.00	26.46 0.53 0.00	30.76 0.58 0.00	25.82 0.52 0.00	31.70 0.56 0.00	33.98 0.72 0.00	30.14 0.69 0.00	35.71 0.90 0.00	38.36 0.93 0.00	40.01 0.98 0.19	38.01 0.97 -0.02	39.09 1.00 -0.08	40.24 0.98 0.00	45.30 1.08 0.00	46.82 1.16 0.00	45.81 1.19 0.00	49.19 1.22 0.00	62.93 1.60 0.00	37.74 0.95 0.00	33.83 0.89 0.00	34.80 0.81 0.00	30.64 0.66 0.00	28.80 0.54 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.52 3.13 0.00	27.68 2.65 0.00	28.79 2.86 0.00	33.88 3.70 0.00	28.36 3.06 0.00	34.87 3.73 0.00	37.23 3.97 0.00	33.13 3.68 0.00	38.94 4.14 0.00	41.57 4.14 0.00	42.46 3.41 0.18	40.17 3.13 -0.02	41.36 3.28 -0.07	42.78 3.53 0.00	48.37 4.16 0.00	50.42 4.75 0.00	49.93 5.31 0.00	53.33 5.35 0.00	68.23 6.91 0.00	40.69 3.91 0.00	35.85 2.91 0.00	37.34 3.35 0.00	32.85 2.88 0.00	30.70 2.45 0.00
REVERE_CPFR_DRP 24186	34.56 1.17 0.00	25.82 0.79 0.00	26.76 0.83 0.00	31.11 0.93 0.00	26.09 0.79 0.00	32.25 1.10 0.00	34.36 1.10 0.00	30.44 0.99 0.00	35.98 1.18 0.00	38.64 1.27 0.06	40.48 1.26 0.00	38.13 1.12 0.00	39.05 1.04 0.00	40.30 1.04 0.00	45.46 1.24 0.00	47.08 1.42 0.00	46.08 1.47 0.00	49.55 1.58 0.00	63.38 2.06 0.00	37.94 1.15 0.00	33.94 1.00 0.00	35.18 1.19 0.00	30.95 0.97 0.00	29.06 0.81 0.00
REYNOLDS_115KV_TB3 80639	34.16 0.77 0.00	25.71 0.68 0.00	26.68 0.75 0.00	31.06 0.88 0.00	26.05 0.75 0.00	32.00 0.85 0.00	34.30 1.04 0.00	30.41 0.96 0.00	36.02 1.22 0.00	38.71 1.29 0.00	40.34 1.32 0.20	38.31 1.28 -0.02	39.40 1.31 -0.08	40.57 1.31 0.00	45.66 1.44 0.00	47.19 1.53 0.00	46.17 1.55 0.00	49.58 1.60 0.00	63.42 2.10 0.00	38.03 1.25 0.00	34.13 1.19 0.00	35.11 1.12 0.00	30.90 0.93 0.00	29.05 0.79 0.00
RIVERBAY____ 323610	35.37 1.99 0.00	26.46 1.44 0.00	27.42 1.50 0.00	31.88 1.71 0.00	26.87 1.56 0.00	33.19 2.05 0.00	35.89 2.63 0.00	31.97 2.51 0.00	37.97 3.17 0.00	40.82 3.39 0.00	45.58 3.58 -2.77	40.67 3.57 -0.08	42.00 3.71 -0.28	42.89 3.64 0.00	48.23 4.02 0.00	49.81 4.15 0.00	48.77 4.16 0.00	52.41 4.44 0.00	66.88 5.55 0.00	40.24 3.46 0.00	35.90 2.95 0.00	36.86 2.87 0.00	32.33 2.36 0.00	30.30 2.04 0.00
RIVERSIDE_115KV_TB3 55908	34.02 0.63 0.00	25.61 0.58 0.00	26.58 0.65 0.00	30.92 0.75 0.00	25.95 0.65 0.00	31.86 0.72 0.00	34.17 0.90 0.00	30.30 0.85 0.00	35.89 1.09 0.00	38.57 1.14 0.00	40.21 1.18 0.20	38.19 1.15 -0.02	39.27 1.19 -0.08	40.43 1.18 0.00	45.51 1.29 0.00	47.04 1.38 0.00	46.03 1.41 0.00	49.42 1.45 0.00	63.21 1.89 0.00	37.91 1.13 0.00	34.00 1.06 0.00	34.97 0.98 0.00	30.78 0.81 0.00	28.93 0.68 0.00
ROARING___BROOK_WT_PWR 323790	33.22 -0.16 0.00	24.86 -0.17 0.00	25.49 -0.44 0.00	29.27 -0.91 0.00	24.31 -0.99 0.00	29.81 -1.33 0.00	31.67 -1.59 0.00	28.06 -1.39 0.00	33.09 -1.71 0.00	34.51 -1.88 1.03	37.32 -1.90 0.00	35.29 -1.73 0.00	36.28 -1.73 0.00	37.66 -1.59 0.00	42.74 -1.48 0.00	44.19 -1.47 0.00	43.28 -1.34 0.00	46.73 -1.25 0.00	60.05 -1.27 0.00	36.06 -0.72 0.00	32.35 -0.59 0.00	33.73 -0.26 0.00	29.83 -0.14 0.00	28.06 -0.20 0.00

ROCHESRG_115KV_T4 355643	32.47 -0.91 0.00	24.22 -0.81 0.00	25.10 -0.83 0.00	29.50 -0.68 0.00	24.66 -0.64 0.00	30.38 -0.77 0.00	32.29 -0.97 0.00	28.54 -0.91 0.00	33.66 -1.14 0.00	35.69 -1.18 0.55	38.03 -1.29 -0.09	35.42 -1.60 0.00	36.24 -1.77 0.00	37.65 -1.60 0.00	42.50 -1.72 0.00	43.71 -1.95 0.00	42.46 -2.16 0.00	45.76 -2.21 0.00	58.27 -3.05 0.00	34.93 -1.86 0.00	31.18 -1.77 0.00	32.50 -1.49 0.00	28.71 -1.26 0.00	27.29 -0.96 0.00
ROCHESTER_9_IC 23652	32.64 -0.75 0.00	24.34 -0.68 0.00	25.22 -0.71 0.00	29.65 -0.53 0.00	24.78 -0.52 0.00	30.53 -0.61 0.00	32.48 -0.78 0.00	28.71 -0.74 0.00	33.87 -0.93 0.00	35.93 -0.94 0.56	38.28 -1.04 -0.09	35.65 -1.37 0.00	36.48 -1.53 0.00	37.91 -1.35 0.00	42.78 -1.43 0.00	44.01 -1.65 0.00	42.75 -1.87 0.00	46.07 -1.91 0.00	58.67 -2.65 0.00	35.16 -1.62 0.00	31.37 -1.57 0.00	32.70 -1.29 0.00	28.87 -1.10 0.00	27.43 -0.82 0.00
ROCKVIEW_13_KV_LD 356306	35.46 2.08 0.00	26.54 1.51 0.00	27.50 1.57 0.00	32.02 1.84 0.00	26.94 1.64 0.00	33.29 2.15 0.00	35.84 2.58 0.00	31.83 2.38 0.00	37.78 2.98 0.00	40.69 3.27 0.00	45.45 3.45 -2.77	40.48 3.38 -0.08	41.83 3.55 -0.28	42.68 3.43 0.00	48.02 3.80 0.00	49.60 3.94 0.00	48.58 3.96 0.00	52.24 4.26 0.00	66.65 5.32 0.00	40.05 3.26 0.00	35.76 2.82 0.00	36.72 2.73 0.00	32.31 2.33 0.00	30.24 1.98 0.00
ROME____115KV_TB2 80656	34.56 1.17 0.00	25.82 0.79 0.00	26.76 0.83 0.00	31.11 0.93 0.00	26.09 0.79 0.00	32.25 1.10 0.00	34.36 1.10 0.00	30.44 0.99 0.00	35.98 1.18 0.00	38.64 1.27 0.06	40.48 1.26 0.00	38.13 1.12 0.00	39.05 1.04 0.00	40.30 1.04 0.00	45.46 1.24 0.00	47.08 1.42 0.00	46.08 1.47 0.00	49.55 1.58 0.00	63.38 2.06 0.00	37.94 1.15 0.00	33.94 1.00 0.00	35.18 1.19 0.00	30.95 0.97 0.00	29.06 0.81 0.00
ROSETON___1 23587	35.02 1.64 0.00	26.23 1.20 0.00	27.18 1.26 0.00	31.66 1.48 0.00	26.63 1.33 0.00	32.88 1.74 0.00	35.40 2.13 0.00	31.44 1.99 0.00	37.29 2.49 0.00	40.13 2.71 0.00	44.99 2.76 -3.01	39.77 2.69 -0.07	41.06 2.82 -0.23	41.98 2.73 0.00	47.22 3.00 0.00	48.79 3.13 0.00	47.77 3.15 0.00	51.37 3.40 0.00	65.54 4.22 0.00	39.37 2.59 0.00	35.17 2.23 0.00	36.13 2.14 0.00	31.80 1.83 0.00	29.81 1.56 0.00
ROSETON___2 23588	35.02 1.64 0.00	26.23 1.20 0.00	27.18 1.26 0.00	31.66 1.48 0.00	26.63 1.33 0.00	32.88 1.74 0.00	35.40 2.13 0.00	31.44 1.99 0.00	37.29 2.49 0.00	40.13 2.71 0.00	44.99 2.76 -3.01	39.77 2.69 -0.07	41.06 2.82 -0.23	41.98 2.73 0.00	47.22 3.00 0.00	48.79 3.13 0.00	47.77 3.15 0.00	51.37 3.40 0.00	65.54 4.22 0.00	39.37 2.59 0.00	35.17 2.23 0.00	36.13 2.14 0.00	31.80 1.83 0.00	29.81 1.56 0.00
ROTRRDAM_115KV_TB3 80664	34.34 0.95 0.00	25.77 0.75 0.00	26.72 0.79 0.00	31.11 0.93 0.00	26.07 0.77 0.00	32.09 0.94 0.00	34.37 1.10 0.00	30.46 1.02 0.00	36.03 1.23 0.00	38.77 1.34 0.00	40.43 1.37 0.16	38.32 1.29 -0.02	39.39 1.31 -0.06	40.52 1.27 0.00	45.64 1.42 0.00	47.21 1.55 0.00	46.18 1.56 0.00	49.64 1.67 0.00	63.46 2.14 0.00	38.06 1.27 0.00	34.08 1.13 0.00	35.10 1.11 0.00	30.93 0.96 0.00	29.10 0.85 0.00
RUSSELL___1 23602	32.78 -0.61 0.00	24.45 -0.58 0.00	25.32 -0.60 0.00	29.76 -0.42 0.00	24.88 -0.41 0.00	30.67 -0.47 0.00	32.64 -0.62 0.00	28.86 -0.59 0.00	34.05 -0.75 0.00	36.12 -0.75 0.56	38.49 -0.83 -0.09	35.84 -1.18 0.00	36.68 -1.33 0.00	38.12 -1.13 0.00	43.02 -1.20 0.00	44.25 -1.41 0.00	43.00 -1.62 0.00	46.35 -1.63 0.00	59.02 -2.30 0.00	35.36 -1.43 0.00	31.54 -1.40 0.00	32.87 -1.12 0.00	29.02 -0.95 0.00	27.56 -0.69 0.00
RUSSELL___2 23532	32.78 -0.61 0.00	24.45 -0.58 0.00	25.32 -0.60 0.00	29.76 -0.42 0.00	24.88 -0.41 0.00	30.67 -0.47 0.00	32.64 -0.62 0.00	28.86 -0.59 0.00	34.05 -0.75 0.00	36.12 -0.75 0.56	38.49 -0.83 -0.09	35.84 -1.18 0.00	36.68 -1.33 0.00	38.12 -1.13 0.00	43.02 -1.20 0.00	44.25 -1.41 0.00	43.00 -1.62 0.00	46.35 -1.63 0.00	59.02 -2.30 0.00	35.36 -1.43 0.00	31.54 -1.40 0.00	32.87 -1.12 0.00	29.02 -0.95 0.00	27.56 -0.69 0.00
RUSSELL___3 23549	32.78 -0.61 0.00	24.45 -0.58 0.00	25.32 -0.60 0.00	29.76 -0.42 0.00	24.88 -0.41 0.00	30.67 -0.47 0.00	32.64 -0.62 0.00	28.86 -0.59 0.00	34.05 -0.75 0.00	36.12 -0.75 0.56	38.49 -0.83 -0.09	35.84 -1.18 0.00	36.68 -1.33 0.00	38.12 -1.13 0.00	43.02 -1.20 0.00	44.25 -1.41 0.00	43.00 -1.62 0.00	46.35 -1.63 0.00	59.02 -2.30 0.00	35.36 -1.43 0.00	31.54 -1.40 0.00	32.87 -1.12 0.00	29.02 -0.95 0.00	27.56 -0.69 0.00
RUSSELL___4 23556	32.78 -0.61 0.00	24.45 -0.58 0.00	25.32 -0.60 0.00	29.76 -0.42 0.00	24.88 -0.41 0.00	30.67 -0.47 0.00	32.64 -0.62 0.00	28.86 -0.59 0.00	34.05 -0.75 0.00	36.12 -0.75 0.56	38.49 -0.83 -0.09	35.84 -1.18 0.00	36.68 -1.33 0.00	38.12 -1.13 0.00	43.02 -1.20 0.00	44.25 -1.41 0.00	43.00 -1.62 0.00	46.35 -1.63 0.00	59.02 -2.30 0.00	35.36 -1.43 0.00	31.54 -1.40 0.00	32.87 -1.12 0.00	29.02 -0.95 0.00	27.56 -0.69 0.00
RUSSELL___STATION 23914	32.78 -0.61 0.00	24.45 -0.58 0.00	25.32 -0.60 0.00	29.76 -0.42 0.00	24.88 -0.41 0.00	30.67 -0.47 0.00	32.64 -0.62 0.00	28.86 -0.59 0.00	34.05 -0.75 0.00	36.12 -0.75 0.56	38.49 -0.83 -0.09	35.84 -1.18 0.00	36.68 -1.33 0.00	38.12 -1.13 0.00	43.02 -1.20 0.00	44.25 -1.41 0.00	43.00 -1.62 0.00	46.35 -1.63 0.00	59.02 -2.30 0.00	35.36 -1.43 0.00	31.54 -1.40 0.00	32.87 -1.12 0.00	29.02 -0.95 0.00	27.56 -0.69 0.00
S SALMON___HYD 24043	33.41 0.02 0.00	24.89 -0.13 0.00	25.77 -0.15 0.00	30.01 -0.17 0.00	25.08 -0.22 0.00	30.79 -0.35 0.00	32.72 -0.54 0.00	28.98 -0.46 0.00	34.23 -0.57 0.00	36.77 -0.56 0.09	38.64 -0.64 -0.06	36.36 -0.66 0.00	37.23 -0.78 0.00	38.18 -1.07 0.00	42.87 -1.35 0.00	44.47 -1.19 0.00	43.47 -1.15 0.00	46.80 -1.17 0.00	59.98 -1.35 0.00	35.93 -0.85 0.00	32.38 -0.57 0.00	33.57 -0.42 0.00	29.56 -0.42 0.00	27.81 -0.45 0.00
S.PERRY__115KV_TB1 80734	33.21 -0.18 0.00	24.63 -0.40 0.00	25.47 -0.45 0.00	29.98 -0.19 0.00	25.15 -0.15 0.00	31.17 0.02 0.00	33.34 0.08 0.00	29.52 0.07 0.00	34.89 0.09 0.00	36.11 0.08 1.40	39.36 0.01 -0.13	36.54 -0.47 0.01	37.36 -0.60 0.05	39.16 -0.10 0.00	44.25 0.04 0.00	45.58 -0.07 0.00	44.37 -0.25 0.00	47.80 -0.17 0.00	60.83 -0.49 0.00	36.41 -0.37 0.00	32.45 -0.49 0.00	33.76 -0.23 0.00	29.83 -0.15 0.00	28.31 0.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.18 -1.21 0.00	23.92 -1.11 0.00	24.79 -1.14 0.00	29.32 -0.86 0.00	24.42 -0.88 0.00	30.07 -1.07 0.00	31.81 -1.45 0.00	28.02 -1.43 0.00	33.00 -1.80 0.00	34.65 -1.86 0.92	37.27 -2.07 -0.12	34.40 -2.61 0.01	35.04 -2.93 0.04	36.67 -2.59 0.00	41.42 -2.80 0.00	42.51 -3.15 0.00	41.11 -3.50 0.00	44.33 -3.64 0.00	56.39 -4.94 0.00	33.85 -2.93 0.00	30.18 -2.76 0.00	31.81 -2.18 0.00	28.19 -1.78 0.00	27.01 -1.25 0.00

SAWYER___23_KV_LOAD 55526	32.18 -1.21 0.00	23.92 -1.11 0.00	24.79 -1.14 0.00	29.32 -0.86 0.00	24.42 -0.88 0.00	30.07 -1.07 0.00	31.81 -1.45 0.00	28.02 -1.43 0.00	33.00 -1.80 0.00	34.65 -1.86 0.92	37.27 -2.07 -0.12	34.40 -2.61 0.01	35.04 -2.93 0.04	36.67 -2.59 0.00	41.42 -2.80 0.00	42.51 -3.15 0.00	41.11 -3.50 0.00	44.33 -3.64 0.00	56.39 -4.94 0.00	33.85 -2.93 0.00	30.18 -2.76 0.00	31.81 -2.18 0.00	28.19 -1.78 0.00	27.01 -1.25 0.00
SELKIRK___I 23801	34.09 0.70 0.00	25.64 0.61 0.00	26.62 0.69 0.00	30.98 0.80 0.00	25.98 0.68 0.00	31.93 0.78 0.00	34.20 0.93 0.00	30.30 0.85 0.00	35.86 1.05 0.00	38.54 1.11 0.00	40.27 1.15 0.10	38.13 1.10 -0.02	39.20 1.11 -0.08	40.36 1.11 0.00	45.46 1.25 0.00	47.01 1.35 0.00	46.01 1.39 0.00	49.40 1.43 0.00	63.19 1.87 0.00	37.89 1.11 0.00	33.98 1.04 0.00	34.98 0.99 0.00	30.82 0.84 0.00	28.99 0.74 0.00
SELKIRK___II 23799	33.95 0.57 0.00	25.54 0.51 0.00	26.50 0.57 0.00	30.84 0.66 0.00	25.87 0.57 0.00	31.79 0.65 0.00	34.08 0.81 0.00	30.22 0.77 0.00	35.78 0.98 0.00	38.46 1.04 0.00	40.15 1.10 0.17	38.12 1.08 -0.02	39.20 1.12 -0.08	40.35 1.10 0.00	45.42 1.21 0.00	46.94 1.28 0.00	45.93 1.31 0.00	49.32 1.35 0.00	63.08 1.76 0.00	37.84 1.06 0.00	33.92 0.97 0.00	34.90 0.91 0.00	30.74 0.76 0.00	28.91 0.65 0.00
SENECA OSWGO___HYD 24041	32.86 -0.53 0.00	24.59 -0.44 0.00	25.49 -0.44 0.00	29.71 -0.47 0.00	24.95 -0.35 0.00	30.73 -0.41 0.00	32.76 -0.50 0.00	28.98 -0.47 0.00	34.20 -0.60 0.00	36.78 -0.62 0.02	38.65 -0.65 -0.07	36.34 -0.68 0.00	37.26 -0.76 0.00	38.45 -0.80 0.00	43.27 -0.94 0.00	44.62 -1.04 0.00	43.55 -1.07 0.00	46.86 -1.12 0.00	59.83 -1.50 0.00	35.87 -0.91 0.00	32.13 -0.81 0.00	33.16 -0.83 0.00	29.25 -0.73 0.00	27.63 -0.63 0.00
SENECA___115KV_TB3 355854	32.65 -0.73 0.00	24.23 -0.79 0.00	25.11 -0.82 0.00	29.67 -0.51 0.00	24.74 -0.56 0.00	30.51 -0.63 0.00	32.33 -0.94 0.00	28.51 -0.94 0.00	33.57 -1.23 0.00	35.20 -1.25 0.98	37.92 -1.43 -0.12	35.04 -1.96 0.01	35.71 -2.26 0.04	37.38 -1.87 0.00	42.20 -2.02 0.00	43.32 -2.34 0.00	41.89 -2.73 0.00	45.18 -2.79 0.00	57.44 -3.88 0.00	34.52 -2.26 0.00	30.76 -2.19 0.00	32.37 -1.62 0.00	28.67 -1.30 0.00	27.46 -0.80 0.00
SENECA___ENERGY 23797	32.75 -0.64 0.00	24.42 -0.61 0.00	25.30 -0.62 0.00	29.56 -0.61 0.00	24.83 -0.47 0.00	30.69 -0.45 0.00	32.80 -0.46 0.00	29.08 -0.37 0.00	34.33 -0.47 0.00	36.71 -0.52 0.20	38.68 -0.65 -0.11	36.38 -0.63 0.01	37.36 -0.61 0.04	38.85 -0.41 0.00	44.07 -0.14 0.00	45.32 -0.34 0.00	44.05 -0.56 0.00	47.45 -0.52 0.00	60.48 -0.84 0.00	36.34 -0.44 0.00	32.40 -0.55 0.00	33.48 -0.51 0.00	29.56 -0.42 0.00	27.98 -0.27 0.00
SHOEMAKER___GT 23640	34.95 1.57 0.00	26.16 1.13 0.00	27.11 1.18 0.00	31.58 1.40 0.00	26.55 1.25 0.00	32.80 1.66 0.00	35.30 2.03 0.00	31.36 1.91 0.00	37.16 2.36 0.00	39.98 2.55 0.00	44.26 2.67 -2.37	39.31 2.62 0.33	39.64 2.75 1.12	41.94 2.68 0.00	47.17 2.95 0.00	48.71 3.05 0.00	47.68 3.06 0.00	51.29 3.31 0.00	65.47 4.15 0.00	39.29 2.51 0.00	35.12 2.18 0.00	36.06 2.07 0.00	31.73 1.75 0.00	29.76 1.51 0.00
SHOEMAKR_138KV_BK 111 55601	34.94 1.55 0.00	26.15 1.13 0.00	27.10 1.18 0.00	31.56 1.39 0.00	26.54 1.24 0.00	32.79 1.64 0.00	35.29 2.02 0.00	31.35 1.90 0.00	37.14 2.34 0.00	39.96 2.53 0.00	44.20 2.65 -2.32	39.17 2.61 0.45	39.21 2.74 1.54	41.91 2.66 0.00	47.15 2.93 0.00	48.69 3.04 0.00	47.67 3.05 0.00	51.26 3.29 0.00	65.43 4.10 0.00	39.27 2.49 0.00	35.09 2.15 0.00	36.04 2.05 0.00	31.72 1.74 0.00	29.73 1.48 0.00
SHOREHAM_IC_1 23715	34.73 1.58 0.24	26.18 1.15 0.00	27.39 1.46 0.00	31.74 1.56 0.00	26.73 1.43 0.00	33.19 2.05 0.00	35.35 2.08 0.00	31.31 1.86 0.00	37.46 2.66 0.00	40.40 2.97 0.00	48.34 4.12 -4.99	44.09 3.92 -3.16	45.51 4.11 -3.39	44.33 4.08 -1.00	51.35 4.65 -2.49	52.63 4.75 -2.23	49.05 4.75 0.32	44.66 5.00 8.32	63.16 5.86 4.02	53.92 3.71 -13.43	35.74 2.80 0.00	36.29 2.77 0.47	33.64 2.80 -0.87	30.63 2.37 0.00
SHOREHAM_IC_2 23716	34.73 1.58 0.24	26.18 1.15 0.00	27.39 1.46 0.00	31.74 1.56 0.00	26.73 1.43 0.00	33.19 2.05 0.00	35.35 2.08 0.00	31.31 1.86 0.00	37.46 2.66 0.00	40.40 2.97 0.00	48.34 4.12 -4.99	44.09 3.92 -3.16	45.51 4.11 -3.39	44.33 4.08 -1.00	51.35 4.65 -2.49	52.63 4.75 -2.23	49.05 4.75 0.32	44.66 5.00 8.32	63.16 5.86 4.02	53.92 3.71 -13.43	35.74 2.80 0.00	36.29 2.77 0.47	33.64 2.80 -0.87	30.63 2.37 0.00
SISSONVILLE____ 23735	33.61 0.22 0.00	25.05 0.02 0.00	25.28 -0.65 0.00	28.55 -1.63 0.00	23.54 -1.76 0.00	28.86 -2.28 0.00	30.59 -2.68 0.00	27.24 -2.21 0.00	32.01 -2.79 0.00	33.51 -3.18 0.74	36.13 -3.09 0.00	34.11 -2.91 0.00	35.00 -3.01 0.00	36.89 -2.36 0.00	41.94 -2.28 0.00	43.40 -2.25 0.00	42.90 -1.71 0.00	46.48 -1.50 0.00	59.70 -1.62 0.00	35.87 -0.91 0.00	32.09 -0.85 0.00	33.83 -0.16 0.00	29.93 -0.04 0.00	28.12 -0.13 0.00
SITHE_IND_GS1 24169	32.48 -0.90 0.00	24.33 -0.69 0.00	25.21 -0.72 0.00	29.37 -0.81 0.00	24.64 -0.66 0.00	30.31 -0.83 0.00	32.26 -1.00 0.00	28.50 -0.95 0.00	33.61 -1.18 0.00	36.15 -1.27 0.00	37.94 -1.34 -0.05	35.71 -1.30 0.00	36.65 -1.36 0.00	37.87 -1.39 0.00	42.65 -1.57 0.00	44.01 -1.65 0.00	42.95 -1.66 0.00	46.20 -1.77 0.00	59.01 -2.32 0.00	35.38 -1.40 0.00	31.69 -1.25 0.00	32.72 -1.27 0.00	28.88 -1.09 0.00	27.30 -0.95 0.00
SITHE_IND_GS2 24170	32.48 -0.90 0.00	24.33 -0.69 0.00	25.21 -0.72 0.00	29.37 -0.81 0.00	24.64 -0.66 0.00	30.31 -0.83 0.00	32.26 -1.00 0.00	28.50 -0.95 0.00	33.61 -1.18 0.00	36.15 -1.27 0.00	37.94 -1.34 -0.05	35.71 -1.30 0.00	36.65 -1.36 0.00	37.87 -1.39 0.00	42.65 -1.57 0.00	44.01 -1.65 0.00	42.95 -1.66 0.00	46.20 -1.77 0.00	59.01 -2.32 0.00	35.38 -1.40 0.00	31.69 -1.25 0.00	32.72 -1.27 0.00	28.88 -1.09 0.00	27.30 -0.95 0.00
SITHE_IND_GS3 24171	32.48 -0.90 0.00	24.33 -0.69 0.00	25.21 -0.72 0.00	29.37 -0.81 0.00	24.64 -0.66 0.00	30.31 -0.83 0.00	32.26 -1.00 0.00	28.50 -0.95 0.00	33.61 -1.18 0.00	36.15 -1.27 0.00	37.94 -1.34 -0.05	35.71 -1.30 0.00	36.65 -1.36 0.00	37.87 -1.39 0.00	42.65 -1.57 0.00	44.01 -1.65 0.00	42.95 -1.66 0.00	46.20 -1.77 0.00	59.01 -2.32 0.00	35.38 -1.40 0.00	31.69 -1.25 0.00	32.72 -1.27 0.00	28.88 -1.09 0.00	27.30 -0.95 0.00
SITHE_IND_GS4 24172	32.48 -0.90 0.00	24.33 -0.69 0.00	25.21 -0.72 0.00	29.37 -0.81 0.00	24.64 -0.66 0.00	30.31 -0.83 0.00	32.26 -1.00 0.00	28.50 -0.95 0.00	33.61 -1.18 0.00	36.15 -1.27 0.00	37.94 -1.34 -0.05	35.71 -1.30 0.00	36.65 -1.36 0.00	37.87 -1.39 0.00	42.65 -1.57 0.00	44.01 -1.65 0.00	42.95 -1.66 0.00	46.20 -1.77 0.00	59.01 -2.32 0.00	35.38 -1.40 0.00	31.69 -1.25 0.00	32.72 -1.27 0.00	28.88 -1.09 0.00	27.30 -0.95 0.00

SITHE___BATAVIA 24024	33.01 -0.37 0.00	24.58 -0.45 0.00	25.47 -0.46 0.00	30.07 -0.11 0.00	25.09 -0.21 0.00	30.93 -0.21 0.00	32.84 -0.43 0.00	29.04 -0.41 0.00	34.25 -0.55 0.00	36.21 -0.48 0.73	38.66 -0.67 -0.10	35.79 -1.21 0.01	36.50 -1.48 0.04	38.09 -1.16 0.00	43.02 -1.20 0.00	44.18 -1.48 0.00	42.85 -1.76 0.00	46.18 -1.79 0.00	58.71 -2.61 0.00	35.19 -1.59 0.00	31.34 -1.60 0.00	32.85 -1.14 0.00	29.04 -0.94 0.00	27.74 -0.51 0.00
SITHE___INDEPEND 23800	32.48 -0.90 0.00	24.33 -0.69 0.00	25.21 -0.72 0.00	29.37 -0.81 0.00	24.64 -0.66 0.00	30.31 -0.83 0.00	32.26 -1.00 0.00	28.50 -0.95 0.00	33.61 -1.18 0.00	36.15 -1.27 0.00	37.93 -1.34 -0.05	35.71 -1.30 0.00	36.65 -1.36 0.00	37.87 -1.39 0.00	42.65 -1.57 0.00	44.01 -1.66 0.00	42.95 -1.66 0.00	46.20 -1.78 0.00	59.01 -2.31 0.00	35.39 -1.40 0.00	31.69 -1.25 0.00	32.72 -1.27 0.00	28.88 -1.09 0.00	27.31 -0.95 0.00
SITHE___MASSENA 23902	33.36 -0.02 0.00	24.95 -0.08 0.00	25.13 -0.79 0.00	28.34 -1.84 0.00	23.37 -1.93 0.00	28.63 -2.51 0.00	30.37 -2.90 0.00	27.03 -2.42 0.00	31.76 -3.04 0.00	33.13 -3.41 0.89	35.88 -3.35 0.00	33.94 -3.08 0.00	34.91 -3.10 0.00	36.89 -2.37 0.00	41.96 -2.26 0.00	43.35 -2.31 0.00	42.77 -1.84 0.00	46.31 -1.66 0.00	59.46 -1.87 0.00	35.75 -1.04 0.00	31.96 -0.98 0.00	33.67 -0.32 0.00	29.84 -0.13 0.00	28.08 -0.17 0.00
SITHE___OGDNSBRG 24021	34.00 0.62 0.00	25.39 0.37 0.00	25.58 -0.35 0.00	28.83 -1.34 0.00	23.80 -1.50 0.00	29.23 -1.91 0.00	30.98 -2.28 0.00	27.62 -1.84 0.00	32.42 -2.38 0.00	33.88 -2.75 0.79	36.63 -2.59 0.00	34.49 -2.53 0.00	35.29 -2.72 0.00	37.28 -1.97 0.00	42.48 -1.74 0.00	43.79 -1.87 0.00	43.53 -1.09 0.00	47.24 -0.73 0.00	60.62 -0.70 0.00	36.42 -0.37 0.00	32.55 -0.39 0.00	34.27 0.28 0.00	30.33 0.36 0.00	28.50 0.25 0.00
SITHE___STERLING 23777	34.24 0.86 0.00	25.62 0.59 0.00	26.58 0.65 0.00	30.93 0.76 0.00	25.99 0.69 0.00	32.12 0.97 0.00	34.26 0.99 0.00	30.34 0.89 0.00	35.87 1.07 0.00	38.53 1.14 0.03	40.42 1.14 -0.05	38.02 1.00 0.00	38.98 0.97 0.00	40.18 0.93 0.00	45.33 1.11 0.00	46.86 1.20 0.00	45.84 1.22 0.00	49.22 1.25 0.00	62.91 1.58 0.00	37.68 0.90 0.00	33.71 0.77 0.00	34.84 0.86 0.00	30.69 0.72 0.00	28.87 0.62 0.00
SLEIGHT__34_KV_TB1 80719	32.74 -0.65 0.00	24.43 -0.60 0.00	25.30 -0.63 0.00	29.64 -0.54 0.00	24.85 -0.45 0.00	30.65 -0.49 0.00	32.74 -0.53 0.00	29.00 -0.44 0.00	34.23 -0.57 0.00	36.55 -0.56 0.31	38.64 -0.68 -0.10	36.17 -0.85 0.00	37.01 -1.00 0.00	38.38 -0.87 0.00	43.35 -0.87 0.00	44.58 -1.08 0.00	43.36 -1.26 0.00	46.72 -1.26 0.00	59.49 -1.84 0.00	35.65 -1.13 0.00	31.84 -1.11 0.00	33.04 -0.94 0.00	29.15 -0.83 0.00	27.63 -0.62 0.00
SOUTH CAIRO___GT 23612	35.01 1.62 0.00	26.35 1.32 0.00	27.34 1.41 0.00	31.86 1.68 0.00	26.70 1.40 0.00	32.83 1.69 0.00	35.30 2.03 0.00	31.44 1.99 0.00	37.24 2.44 0.00	40.01 2.59 0.00	41.99 2.66 -0.11	39.62 2.58 -0.03	40.65 2.54 -0.10	41.92 2.66 0.00	47.28 3.06 0.00	48.97 3.31 0.00	47.97 3.35 0.00	51.56 3.59 0.00	65.90 4.58 0.00	39.42 2.64 0.00	35.28 2.34 0.00	36.32 2.33 0.00	31.88 1.91 0.00	29.92 1.67 0.00
SOUTH HAMPTN___IC 23720	34.70 1.55 0.24	26.12 1.09 0.00	27.31 1.37 0.00	31.65 1.47 0.00	26.66 1.36 0.00	33.14 2.00 0.00	35.38 2.11 0.00	31.34 1.89 0.00	37.53 2.73 0.00	40.53 3.10 0.00	48.24 4.06 -4.96	44.05 3.91 -3.12	45.57 4.21 -3.35	44.58 4.35 -0.98	51.85 5.18 -2.45	53.26 5.40 -2.20	46.27 5.38 3.73	27.21 5.63 26.39	39.46 6.73 28.59	54.34 4.22 -13.34	36.21 3.27 0.00	36.27 3.32 1.05	34.17 3.33 -0.87	31.11 2.86 0.00
SOUTHDOW_115KV_TB1 355954	33.96 0.58 0.00	25.18 0.15 0.00	26.02 0.09 0.00	30.58 0.40 0.00	25.39 0.09 0.00	31.42 0.27 0.00	33.56 0.30 0.00	29.65 0.20 0.00	34.87 0.07 0.00	36.39 0.09 1.13	39.27 -0.08 -0.13	36.38 -0.62 0.01	44.27 -0.88 -7.14	38.76 -0.49 0.00	43.79 -0.43 0.00	45.01 -0.65 0.00	43.36 -1.26 0.00	46.79 -1.19 0.00	59.55 -1.78 0.00	35.76 -1.03 0.00	31.92 -1.02 0.00	33.53 -0.46 0.00	29.69 -0.28 0.00	28.45 0.20 0.00
SOUTHOLD_69_KV_BK 2 55809	34.39 1.24 0.24	25.84 0.81 0.00	27.00 1.07 0.00	31.31 1.13 0.00	26.38 1.08 0.00	32.84 1.70 0.00	35.09 1.83 0.00	31.10 1.66 0.00	37.25 2.45 0.00	40.21 2.78 0.00	47.93 3.74 -4.96	43.79 3.65 -3.12	45.43 4.07 -3.35	44.66 4.43 -0.98	52.24 5.57 -2.46	53.76 5.90 -2.20	46.28 5.48 3.82	26.40 5.33 26.91	38.38 6.36 29.30	54.15 4.02 -13.34	35.99 3.05 0.00	36.41 3.48 1.06	34.56 3.72 -0.87	31.47 3.21 0.00
SOUTHOLD___IC 23719	34.39 1.23 0.24	25.84 0.81 0.00	27.00 1.07 0.00	31.30 1.13 0.00	26.38 1.08 0.00	32.84 1.69 0.00	35.09 1.83 0.00	31.10 1.66 0.00	37.25 2.45 0.00	40.21 2.79 0.00	47.92 3.74 -4.96	43.80 3.67 -3.12	45.43 4.07 -3.35	44.66 4.43 -0.98	52.24 5.57 -2.46	53.75 5.89 -2.20	46.27 5.48 3.82	26.40 5.33 26.91	38.39 6.36 29.30	54.12 3.99 -13.34	35.99 3.05 0.00	36.41 3.48 1.06	34.56 3.72 -0.87	31.47 3.21 0.00
SOUTH_FORK_WT_PWR 323839	33.89 0.74 0.24	25.44 0.41 0.00	26.58 0.66 0.00	30.82 0.64 0.00	25.98 0.67 0.00	32.33 1.19 0.00	34.56 1.29 0.00	30.63 1.18 0.00	36.70 1.90 0.00	39.64 2.21 0.00	47.29 3.10 -4.96	43.28 3.14 -3.12	45.02 3.66 -3.35	44.39 4.17 -0.98	52.17 5.50 -2.46	53.77 5.92 -2.20	46.68 5.83 3.77	27.33 5.99 26.63	39.59 7.18 28.92	54.62 4.49 -13.34	36.42 3.48 0.00	36.66 3.73 1.05	34.65 3.81 -0.87	31.56 3.30 0.00
SPIERFLS_115KV_TB 1 80737	35.43 2.05 0.00	26.66 1.63 0.00	27.66 1.73 0.00	32.20 2.02 0.00	26.85 1.55 0.00	32.87 1.73 0.00	35.11 1.85 0.00	31.17 1.72 0.00	36.80 2.00 0.00	39.57 2.14 0.00	41.00 1.95 0.18	38.63 1.60 -0.02	39.73 1.65 -0.07	40.79 1.53 0.00	45.88 1.66 0.00	47.74 2.08 0.00	46.80 2.18 0.00	50.24 2.27 0.00	64.24 2.92 0.00	38.44 1.65 0.00	34.32 1.38 0.00	35.41 1.42 0.00	31.27 1.30 0.00	29.35 1.10 0.00
ST LAWRENCE____ 23600	32.90 -0.48 0.00	24.62 -0.40 0.00	24.80 -1.13 0.00	27.95 -2.22 0.00	23.06 -2.24 0.00	28.26 -2.88 0.00	29.98 -3.29 0.00	26.68 -2.77 0.00	31.34 -3.46 0.00	32.65 -3.85 0.93	35.43 -3.79 0.00	33.51 -3.51 0.00	34.51 -3.50 0.00	36.47 -2.78 0.00	41.50 -2.72 0.00	42.88 -2.78 0.00	42.27 -2.35 0.00	45.75 -2.23 0.00	58.72 -2.60 0.00	35.32 -1.46 0.00	31.58 -1.37 0.00	33.26 -0.72 0.00	29.49 -0.48 0.00	27.76 -0.49 0.00
STATE_CA_115KV_115_LB 55624	34.03 0.64 0.00	25.62 0.59 0.00	26.59 0.66 0.00	30.92 0.74 0.00	25.95 0.65 0.00	31.87 0.72 0.00	34.18 0.92 0.00	30.32 0.87 0.00	35.92 1.12 0.00	39.53 2.11 0.00	41.25 2.19 0.16	39.10 2.06 -0.02	40.11 2.04 -0.06	40.48 1.23 0.00	45.57 1.36 0.00	47.11 1.45 0.00	46.10 1.48 0.00	49.49 1.52 0.00	63.30 1.98 0.00	37.96 1.17 0.00	34.02 1.08 0.00	34.98 1.00 0.00	30.79 0.81 0.00	28.93 0.68 0.00

STATE_ST_34_KV_LOAD 55959	33.42 0.03 0.00	24.97 -0.06 0.00	25.86 -0.07 0.00	30.18 0.01 0.00	25.37 0.07 0.00	31.32 0.18 0.00	33.50 0.23 0.00	29.74 0.29 0.00	35.13 0.33 0.00	38.10 0.36 -0.31	39.53 0.19 -0.11	37.25 0.24 0.01	38.02 0.05 0.04	39.35 0.10 0.00	44.49 0.27 0.00	45.87 0.21 0.00	44.58 -0.04 0.00	48.10 0.13 0.00	61.19 -0.14 0.00	36.69 -0.09 0.00	32.80 -0.14 0.00	33.87 -0.12 0.00	29.88 -0.09 0.00	28.32 0.07 0.00
STATION 5_MISC_HYD 23604	32.64 -0.74 0.00	24.34 -0.68 0.00	25.22 -0.71 0.00	29.64 -0.53 0.00	24.78 -0.52 0.00	30.53 -0.61 0.00	32.48 -0.78 0.00	28.71 -0.74 0.00	33.87 -0.93 0.00	35.92 -0.94 0.56	38.29 -1.03 -0.09	35.65 -1.37 0.00	36.48 -1.54 0.00	37.90 -1.35 0.00	42.78 -1.43 0.00	44.01 -1.65 0.00	42.76 -1.86 0.00	46.06 -1.91 0.00	58.67 -2.65 0.00	35.16 -1.62 0.00	31.37 -1.57 0.00	32.70 -1.29 0.00	28.87 -1.10 0.00	27.44 -0.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.04 -0.34 0.00	24.63 -0.40 0.00	25.53 -0.40 0.00	29.91 -0.27 0.00	25.07 -0.23 0.00	30.95 -0.19 0.00	33.06 -0.21 0.00	29.27 -0.18 0.00	34.56 -0.24 0.00	36.64 -0.24 0.55	39.02 -0.30 -0.10	36.48 -0.53 0.00	37.37 -0.64 0.00	38.81 -0.44 0.00	43.80 -0.42 0.00	45.03 -0.63 0.00	43.78 -0.84 0.00	47.15 -0.82 0.00	60.10 -1.22 0.00	36.05 -0.73 0.00	32.14 -0.80 0.00	33.35 -0.64 0.00	29.44 -0.54 0.00	27.90 -0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.51 -0.88 0.00	24.25 -0.78 0.00	25.12 -0.81 0.00	29.50 -0.67 0.00	24.68 -0.62 0.00	30.40 -0.74 0.00	32.37 -0.89 0.00	28.61 -0.84 0.00	33.77 -1.03 0.00	35.82 -1.06 0.55	38.16 -1.15 -0.09	35.57 -1.45 0.00	36.41 -1.61 0.00	37.81 -1.44 0.00	42.68 -1.54 0.00	43.90 -1.76 0.00	42.67 -1.94 0.00	45.97 -2.00 0.00	58.56 -2.77 0.00	35.09 -1.69 0.00	31.31 -1.63 0.00	32.61 -1.38 0.00	28.79 -1.19 0.00	27.34 -0.91 0.00
STA_56___34_KV_BUS2 355983	32.51 -0.88 0.00	24.25 -0.78 0.00	25.12 -0.81 0.00	29.50 -0.67 0.00	24.68 -0.62 0.00	30.40 -0.74 0.00	32.37 -0.89 0.00	28.61 -0.84 0.00	33.77 -1.03 0.00	35.82 -1.06 0.55	38.16 -1.15 -0.09	35.57 -1.45 0.00	36.41 -1.61 0.00	37.81 -1.44 0.00	42.68 -1.54 0.00	43.90 -1.76 0.00	42.67 -1.94 0.00	45.97 -2.00 0.00	58.56 -2.77 0.00	35.09 -1.69 0.00	31.31 -1.63 0.00	32.61 -1.38 0.00	28.79 -1.19 0.00	27.34 -0.91 0.00
STA_67___115KV_BK2 355882	32.57 -0.81 0.00	24.30 -0.73 0.00	25.17 -0.75 0.00	29.59 -0.59 0.00	24.74 -0.56 0.00	30.47 -0.67 0.00	32.42 -0.84 0.00	28.65 -0.81 0.00	33.79 -1.01 0.00	35.83 -1.03 0.56	38.18 -1.14 -0.09	35.56 -1.46 0.00	36.38 -1.63 0.00	37.81 -1.44 0.00	42.68 -1.54 0.00	43.89 -1.76 0.00	42.64 -1.98 0.00	45.95 -2.02 0.00	58.52 -2.81 0.00	35.07 -1.72 0.00	31.30 -1.65 0.00	32.62 -1.37 0.00	28.81 -1.17 0.00	27.38 -0.88 0.00
STA_7___115KV_9TRANS 80674	32.78 -0.61 0.00	24.45 -0.58 0.00	25.32 -0.60 0.00	29.76 -0.42 0.00	24.88 -0.41 0.00	30.67 -0.47 0.00	32.64 -0.62 0.00	28.86 -0.59 0.00	34.05 -0.75 0.00	36.12 -0.75 0.56	38.49 -0.83 -0.09	35.84 -1.18 0.00	36.68 -1.33 0.00	38.12 -1.13 0.00	43.02 -1.20 0.00	44.25 -1.41 0.00	43.00 -1.62 0.00	46.35 -1.63 0.00	59.02 -2.30 0.00	35.36 -1.43 0.00	31.54 -1.40 0.00	32.87 -1.12 0.00	29.02 -0.95 0.00	27.56 -0.69 0.00
STA_82___115KV_TB1 80780	32.58 -0.81 0.00	24.30 -0.73 0.00	25.18 -0.75 0.00	29.60 -0.58 0.00	24.75 -0.56 0.00	30.48 -0.66 0.00	32.43 -0.84 0.00	28.66 -0.79 0.00	33.80 -0.99 0.00	35.85 -1.01 0.57	38.21 -1.12 -0.10	35.57 -1.45 0.00	36.40 -1.61 0.00	37.82 -1.43 0.00	42.69 -1.52 0.00	43.91 -1.74 0.00	42.66 -1.96 0.00	45.97 -2.00 0.00	58.55 -2.78 0.00	35.09 -1.70 0.00	31.31 -1.64 0.00	32.63 -1.36 0.00	28.82 -1.16 0.00	27.39 -0.87 0.00
STEEL___WIND 323596	32.59 -0.80 0.00	24.18 -0.85 0.00	25.06 -0.87 0.00	29.60 -0.58 0.00	24.70 -0.60 0.00	30.46 -0.68 0.00	32.28 -0.98 0.00	28.45 -1.00 0.00	33.52 -1.28 0.00	35.13 -1.31 0.98	37.85 -1.50 -0.12	35.00 -2.01 0.01	35.65 -2.32 0.04	37.32 -1.93 0.00	42.11 -2.11 0.00	43.22 -2.43 0.00	41.82 -2.80 0.00	45.10 -2.87 0.00	57.34 -3.98 0.00	34.49 -2.30 0.00	30.71 -2.24 0.00	32.34 -1.65 0.00	28.62 -1.35 0.00	27.42 -0.84 0.00
STEPHTWN_115KV_BK_2 55603	34.21 0.83 0.00	25.73 0.70 0.00	26.68 0.75 0.00	31.05 0.87 0.00	26.08 0.78 0.00	32.01 0.87 0.00	34.45 1.19 0.00	30.56 1.11 0.00	36.26 1.46 0.00	38.92 1.50 0.00	40.71 1.67 0.19	38.59 1.56 -0.02	39.73 1.64 -0.08	40.93 1.67 0.00	46.06 1.84 0.00	47.60 1.94 0.00	46.61 1.99 0.00	50.14 2.17 0.00	63.93 2.61 0.00	38.33 1.55 0.00	34.30 1.35 0.00	35.25 1.27 0.00	31.02 1.05 0.00	29.15 0.89 0.00
STEUBEN_REC_LFGE 323667	31.79 -1.60 0.00	23.40 -1.62 0.00	24.23 -1.70 0.00	28.52 -1.65 0.00	23.94 -1.36 0.00	29.79 -1.36 0.00	31.96 -1.31 0.00	28.19 -1.26 0.00	33.39 -1.42 0.00	32.86 -1.49 3.08	37.90 -1.50 -0.17	35.27 -1.72 0.02	36.77 -1.52 -0.28	38.53 -0.72 0.00	43.60 -0.62 0.00	44.81 -0.85 0.00	43.43 -1.19 0.00	46.46 -1.51 0.00	59.26 -2.07 0.00	35.51 -1.28 0.00	31.41 -1.54 0.00	32.78 -1.21 0.00	29.09 -0.88 0.00	27.66 -0.60 0.00
STILLWATER___SOLAR 323814	35.09 1.70 0.00	26.37 1.35 0.00	27.35 1.43 0.00	31.89 1.71 0.00	26.68 1.38 0.00	32.81 1.67 0.00	35.16 1.90 0.00	31.17 1.73 0.00	36.87 2.06 0.00	39.64 2.21 0.00	41.22 2.18 0.18	39.01 1.97 -0.02	40.09 2.01 -0.07	41.25 1.99 0.00	46.43 2.22 0.00	48.12 2.46 0.00	47.13 2.51 0.00	50.65 2.67 0.00	64.72 3.40 0.00	38.77 1.99 0.00	34.69 1.75 0.00	35.73 1.74 0.00	31.48 1.51 0.00	29.58 1.33 0.00
STONY___BROOK 24151	35.11 1.95 0.23	26.43 1.41 0.00	27.53 1.61 0.00	31.93 1.76 0.00	26.88 1.59 0.00	33.37 2.23 0.00	35.74 2.47 0.00	31.63 2.18 0.00	37.77 2.97 0.00	40.71 3.29 0.00	48.39 4.12 -5.05	44.17 3.92 -3.24	45.56 4.09 -3.47	44.28 3.99 -1.04	51.17 4.40 -2.55	52.41 4.46 -2.28	52.06 4.44 -3.00	61.81 4.68 -9.16	86.80 5.78 -19.70	54.03 3.62 -13.62	35.87 2.93 0.00	36.96 2.89 -0.08	33.71 2.86 -0.87	30.70 2.45 0.00
STURGEON_POOL_HYD 23609	34.74 1.35 0.00	26.03 1.00 0.00	26.97 1.04 0.00	31.40 1.23 0.00	26.41 1.11 0.00	32.59 1.45 0.00	35.08 1.82 0.00	31.18 1.73 0.00	37.00 2.20 0.00	39.86 2.44 0.00	42.92 2.94 -0.76	40.07 3.01 -0.04	41.31 3.16 -0.14	42.27 3.02 0.00	47.54 3.32 0.00	49.10 3.44 0.00	48.12 3.50 0.00	51.74 3.77 0.00	66.04 4.72 0.00	39.68 2.90 0.00	35.42 2.48 0.00	36.36 2.37 0.00	31.99 2.02 0.00	29.98 1.73 0.00
ST_LAW_115_BK7_LBMP 345037	32.93 -0.46 0.00	24.64 -0.39 0.00	24.82 -1.11 0.00	27.95 -2.22 0.00	23.06 -2.24 0.00	28.25 -2.89 0.00	29.96 -3.31 0.00	26.68 -2.78 0.00	31.33 -3.47 0.00	32.65 -3.86 0.92	35.41 -3.81 0.00	33.49 -3.52 0.00	34.48 -3.53 0.00	36.46 -2.79 0.00	41.50 -2.72 0.00	42.88 -2.78 0.00	42.27 -2.35 0.00	45.76 -2.21 0.00	58.73 -2.59 0.00	35.34 -1.45 0.00	31.59 -1.36 0.00	33.28 -0.70 0.00	29.50 -0.47 0.00	27.77 -0.48 0.00

ST_LAW_115_BK8_LBMP 345038	32.93 -0.46 0.00	24.64 -0.39 0.00	24.82 -1.11 0.00	27.95 -2.22 0.00	23.06 -2.24 0.00	28.25 -2.89 0.00	29.96 -3.31 0.00	26.68 -2.78 0.00	31.33 -3.47 0.00	32.65 -3.86 0.92	35.41 -3.81 0.00	33.49 -3.52 0.00	34.48 -3.53 0.00	36.46 0.00 0.00	41.50 -2.72 0.00	42.88 -2.78 0.00	42.27 -2.35 0.00	45.76 -2.21 0.00	58.73 -2.59 0.00	35.34 -1.45 0.00	31.59 -1.36 0.00	33.28 -0.70 0.00	29.50 -0.47 0.00	27.77 -0.48 0.00
ST_LAW_230_BK5_LBMP 345035	32.90 -0.48 0.00	24.62 -0.40 0.00	24.80 -1.13 0.00	27.95 -2.22 0.00	23.06 -2.24 0.00	28.26 -2.88 0.00	29.98 -3.29 0.00	26.68 -2.77 0.00	31.34 -3.46 0.00	32.64 -3.85 0.93	35.43 -3.79 0.00	33.51 -3.51 0.00	34.51 -3.50 0.00	36.47 -2.78 0.00	41.50 -2.72 0.00	42.88 -2.78 0.00	42.27 -2.35 0.00	45.75 -2.23 0.00	58.72 -2.60 0.00	35.32 -1.46 0.00	31.58 -1.37 0.00	33.26 -0.72 0.00	29.49 -0.48 0.00	27.76 -0.49 0.00
ST_LAW_230_BK6_LBMP 345036	32.90 -0.48 0.00	24.62 -0.40 0.00	24.80 -1.13 0.00	27.95 -2.22 0.00	23.06 -2.24 0.00	28.26 -2.88 0.00	29.98 -3.29 0.00	26.68 -2.77 0.00	31.34 -3.46 0.00	32.64 -3.85 0.93	35.43 -3.79 0.00	33.51 -3.51 0.00	34.51 -3.50 0.00	36.47 -2.78 0.00	41.50 -2.72 0.00	42.88 -2.78 0.00	42.27 -2.35 0.00	45.75 -2.23 0.00	58.72 -2.60 0.00	35.32 -1.46 0.00	31.58 -1.37 0.00	33.26 -0.72 0.00	29.49 -0.48 0.00	27.76 -0.49 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.11 1.72 0.00	26.27 1.24 0.00	27.22 1.29 0.00	31.71 1.53 0.00	26.67 1.37 0.00	32.95 1.81 0.00	35.50 2.24 0.00	31.53 2.09 0.00	37.38 2.58 0.00	40.21 2.78 0.00	44.66 2.93 -2.50	39.98 2.88 -0.09	41.35 3.03 -0.30	42.18 2.93 0.00	47.44 3.23 0.00	49.00 3.34 0.00	47.99 3.37 0.00	51.61 3.64 0.00	65.86 4.53 0.00	39.54 2.75 0.00	35.32 2.38 0.00	36.24 2.25 0.00	31.89 1.92 0.00	29.88 1.62 0.00
SWANROAD_115KV_TB1 355699	31.58 -1.81 0.00	23.55 -1.48 0.00	24.40 -1.53 0.00	28.87 -1.30 0.00	24.05 -1.25 0.00	29.50 -1.65 0.00	31.10 -2.17 0.00	27.37 -2.08 0.00	32.23 -2.57 0.00	33.92 -2.66 0.85	36.33 -3.01 -0.11	33.50 -3.51 0.01	34.11 -3.86 0.04	35.68 -3.57 0.00	40.30 -3.92 0.00	41.34 -4.32 0.00	40.00 -4.62 0.00	43.11 -4.87 0.00	54.80 -6.52 0.00	32.92 -3.86 0.00	29.38 -3.56 0.00	31.02 -2.97 0.00	27.53 -2.45 0.00	26.51 -1.75 0.00
SYNERGY___BIOGAS 323694	33.01 -0.37 0.00	24.58 -0.45 0.00	25.47 -0.46 0.00	30.07 -0.11 0.00	25.09 -0.21 0.00	30.93 -0.21 0.00	32.84 -0.43 0.00	29.04 -0.41 0.00	34.25 -0.55 0.00	36.21 -0.48 0.73	38.66 -0.67 -0.10	35.79 -1.21 0.01	36.50 -1.48 0.04	38.09 -1.16 0.00	43.02 -1.20 0.00	44.18 -1.48 0.00	42.85 -1.76 0.00	46.18 -1.79 0.00	58.71 -2.61 0.00	35.19 -1.59 0.00	31.34 -1.60 0.00	32.85 -1.14 0.00	29.04 -0.94 0.00	27.74 -0.51 0.00
SYRACUSE___ENERGY_ST1 323597	33.27 -0.12 0.00	24.89 -0.14 0.00	25.78 -0.14 0.00	30.07 -0.11 0.00	25.26 -0.04 0.00	31.14 0.00 0.00	33.24 -0.02 0.00	29.42 -0.03 0.00	34.75 -0.05 0.00	37.36 -0.06 0.02	39.22 -0.09 -0.09	36.90 -0.12 0.00	37.84 -0.17 0.00	39.09 -0.16 0.00	44.03 -0.19 0.00	45.41 -0.25 0.00	44.29 -0.32 0.00	47.65 -0.32 0.00	60.82 -0.50 0.00	36.45 -0.33 0.00	32.64 -0.31 0.00	33.68 -0.31 0.00	29.71 -0.27 0.00	28.07 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	33.27 -0.12 0.00	24.89 -0.14 0.00	25.78 -0.14 0.00	30.07 -0.11 0.00	25.26 -0.04 0.00	31.14 0.00 0.00	33.24 -0.02 0.00	29.42 -0.03 0.00	34.75 -0.05 0.00	37.36 -0.06 0.02	39.22 -0.09 -0.09	36.90 -0.12 0.00	37.84 -0.17 0.00	39.09 -0.16 0.00	44.03 -0.19 0.00	45.41 -0.25 0.00	44.29 -0.32 0.00	47.65 -0.32 0.00	60.82 -0.50 0.00	36.45 -0.33 0.00	32.64 -0.31 0.00	33.68 -0.31 0.00	29.71 -0.27 0.00	28.07 -0.18 0.00
SYRACUSE___POWER 24017	33.27 -0.11 0.00	24.89 -0.13 0.00	25.80 -0.13 0.00	30.08 -0.10 0.00	25.26 -0.04 0.00	31.15 0.01 0.00	33.27 0.00 0.00	29.43 -0.02 0.00	34.75 -0.05 0.00	37.57 -0.06 -0.20	39.26 -0.06 -0.09	36.92 -0.10 0.00	37.87 -0.14 0.00	39.13 -0.13 0.00	44.03 -0.19 0.00	45.40 -0.25 0.00	44.29 -0.32 0.00	47.64 -0.33 0.00	60.82 -0.50 0.00	36.47 -0.31 0.00	32.65 -0.29 0.00	33.69 -0.29 0.00	29.73 -0.25 0.00	28.06 -0.19 0.00
TALLMAN___138KV_BK151 55660	35.20 1.82 0.00	26.33 1.31 0.00	27.28 1.35 0.00	31.78 1.60 0.00	26.75 1.44 0.00	33.05 1.91 0.00	35.64 2.38 0.00	31.65 2.20 0.00	37.51 2.71 0.00	40.34 2.91 0.00	44.96 3.11 -2.62	40.18 3.05 -0.12	41.63 3.22 -0.40	42.35 3.10 0.00	47.62 3.40 0.00	49.18 3.53 0.00	48.18 3.56 0.00	51.81 3.83 0.00	66.09 4.77 0.00	39.70 2.92 0.00	35.44 2.50 0.00	36.36 2.38 0.00	31.98 2.01 0.00	29.96 1.70 0.00
TEALLAVE_115KV_TB7 355573	33.10 -0.29 0.00	24.76 -0.26 0.00	25.67 -0.26 0.00	29.93 -0.24 0.00	25.14 -0.16 0.00	30.98 -0.16 0.00	33.05 -0.21 0.00	29.24 -0.21 0.00	34.53 -0.28 0.00	37.13 -0.28 0.02	39.00 -0.30 -0.07	36.67 -0.34 0.00	37.62 -0.39 0.00	38.86 -0.39 0.00	43.73 -0.48 0.00	45.09 -0.57 0.00	43.97 -0.65 0.00	47.27 -0.70 0.00	60.36 -0.97 0.00	36.19 -0.59 0.00	32.43 -0.52 0.00	33.48 -0.51 0.00	29.53 -0.45 0.00	27.89 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	32.36 -1.02 0.00	24.11 -0.92 0.00	24.98 -0.95 0.00	29.53 -0.64 0.00	24.62 -0.68 0.00	30.28 -0.86 0.00	32.05 -1.21 0.00	28.27 -1.17 0.00	33.32 -1.49 0.00	35.14 -1.50 0.78	37.59 -1.74 -0.11	34.74 -2.26 0.01	35.41 -2.56 0.04	37.01 -2.24 0.00	41.78 -2.44 0.00	42.89 -2.77 0.00	41.54 -3.08 0.00	44.76 -3.22 0.00	56.90 -4.43 0.00	34.15 -2.64 0.00	30.44 -2.51 0.00	32.01 -1.98 0.00	28.35 -1.62 0.00	27.18 -1.07 0.00
TEMPLE___115KV_TB 2 55572	33.11 -0.28 0.00	24.78 -0.25 0.00	25.68 -0.25 0.00	29.95 -0.23 0.00	25.15 -0.15 0.00	30.99 -0.15 0.00	33.07 -0.19 0.00	29.26 -0.19 0.00	34.54 -0.26 0.00	37.15 -0.26 0.02	39.03 -0.27 -0.07	36.70 -0.32 0.00	37.65 -0.36 0.00	38.89 -0.37 0.00	43.76 -0.45 0.00	45.13 -0.53 0.00	44.00 -0.62 0.00	47.32 -0.66 0.00	60.41 -0.91 0.00	36.23 -0.56 0.00	32.45 -0.49 0.00	33.49 -0.50 0.00	29.55 -0.43 0.00	27.91 -0.35 0.00
TIANA____69_KV_BK 1 55817	34.79 1.64 0.24	26.20 1.17 0.00	27.38 1.45 0.00	31.74 1.56 0.00	26.73 1.43 0.00	33.22 2.08 0.00	35.46 2.19 0.00	31.41 1.96 0.00	37.60 2.80 0.00	40.58 3.16 0.00	48.35 4.16 -4.96	44.09 3.95 -3.12	45.59 4.23 -3.35	44.54 4.31 -0.98	51.73 5.06 -2.46	53.11 5.25 -2.20	46.02 5.23 3.82	26.57 5.47 26.87	38.60 6.53 29.25	54.26 4.13 -13.34	36.13 3.18 0.00	36.13 3.21 1.06	34.05 3.20 -0.87	31.00 2.74 0.00
TILDEN___115KV_TB1 80814	33.27 -0.11 0.00	24.89 -0.13 0.00	25.80 -0.13 0.00	30.08 -0.10 0.00	25.26 -0.04 0.00	31.15 0.01 0.00	33.27 0.00 0.00	29.43 -0.02 0.00	34.75 -0.05 0.00	37.57 -0.06 -0.20	39.26 -0.06 -0.09	36.92 -0.10 0.00	37.87 -0.14 0.00	39.13 -0.13 0.00	44.03 -0.19 0.00	45.40 -0.25 0.00	44.29 -0.32 0.00	47.64 -0.33 0.00	60.82 -0.50 0.00	36.47 -0.31 0.00	32.65 -0.29 0.00	33.69 -0.29 0.00	29.73 -0.25 0.00	28.06 -0.19 0.00

TRIGEN___CC 323695	35.78 1.97 -0.43	26.42 1.39 0.00	27.43 1.50 0.00	31.89 1.72 0.00	26.84 1.54 0.00	33.23 2.08 0.00	35.72 2.45 0.00	31.65 2.20 0.00	37.70 2.90 0.00	40.61 3.18 0.00	63.99 3.66 -21.10	63.99 3.53 -23.45	65.69 3.73 -23.95	54.61 3.67 -11.69	67.10 3.96 -18.93	66.58 3.96 -16.95	67.33 3.87 -18.84	82.98 4.18 -30.83	95.20 5.37 -28.51	105.32 3.31 -65.22	35.75 2.81 0.00	36.75 2.77 0.00	34.01 2.51 -1.53	30.41 2.15 -0.01
TRINITY___115KV___4 BK 55933	33.90 0.52 0.00	25.53 0.51 0.00	26.51 0.58 0.00	30.82 0.64 0.00	25.86 0.56 0.00	31.76 0.62 0.00	34.05 0.79 0.00	30.20 0.75 0.00	35.77 0.97 0.00	38.44 1.01 0.00	40.08 1.05 0.19	38.05 1.01 -0.02	39.15 1.06 -0.08	40.30 1.05 0.00	45.36 1.15 0.00	46.89 1.23 0.00	45.89 1.27 0.00	49.27 1.30 0.00	63.01 1.68 0.00	37.79 1.00 0.00	33.89 0.94 0.00	34.87 0.88 0.00	30.68 0.71 0.00	28.84 0.59 0.00
UNION___PROCESSING_DRP 323587	32.60 -0.79 0.00	24.30 -0.73 0.00	25.18 -0.74 0.00	29.60 -0.58 0.00	24.75 -0.55 0.00	30.49 -0.65 0.00	32.44 -0.83 0.00	28.66 -0.79 0.00	33.82 -0.98 0.00	35.85 -1.01 0.57	38.22 -1.10 -0.10	35.58 -1.44 0.00	36.42 -1.60 0.00	37.84 -1.42 0.00	42.71 -1.51 0.00	43.93 -1.73 0.00	42.68 -1.94 0.00	45.99 -1.99 0.00	58.56 -2.77 0.00	35.10 -1.68 0.00	31.31 -1.63 0.00	32.65 -1.34 0.00	28.83 -1.15 0.00	27.39 -0.86 0.00
UPPER HUDSON___HYD 24058	35.43 2.05 0.00	26.66 1.63 0.00	27.66 1.73 0.00	32.20 2.02 0.00	26.85 1.55 0.00	32.87 1.73 0.00	35.12 1.85 0.00	31.16 1.72 0.00	36.80 2.00 0.00	39.57 2.14 0.00	41.00 1.95 0.18	38.63 1.60 -0.02	39.73 1.65 -0.07	40.79 1.53 0.00	45.88 1.66 0.00	47.74 2.08 0.00	46.80 2.18 0.00	50.24 2.27 0.00	64.24 2.92 0.00	38.43 1.65 0.00	34.32 1.38 0.00	35.41 1.42 0.00	31.27 1.30 0.00	29.35 1.10 0.00
UPPER RAQUET___HYD 24056	33.61 0.23 0.00	25.05 0.02 0.00	25.28 -0.65 0.00	28.55 -1.63 0.00	23.54 -1.76 0.00	28.86 -2.28 0.00	30.58 -2.68 0.00	27.24 -2.21 0.00	32.01 -2.80 0.00	33.51 -3.18 0.74	36.12 -3.10 0.00	34.10 -2.92 0.00	34.99 -3.02 0.00	36.89 -2.36 0.00	41.94 -2.28 0.00	43.40 -2.26 0.00	42.90 -1.71 0.00	46.48 -1.50 0.00	59.70 -1.63 0.00	35.87 -0.91 0.00	32.10 -0.85 0.00	33.83 -0.16 0.00	29.93 -0.04 0.00	28.12 -0.13 0.00
VALLEY44_115KV_TB2 355964	33.76 0.38 0.00	25.05 0.02 0.00	25.95 0.02 0.00	30.70 0.52 0.00	25.59 0.29 0.00	31.65 0.51 0.00	33.44 0.18 0.00	29.52 0.07 0.00	34.75 -0.05 0.00	36.17 -0.10 1.16	39.27 -0.09 -0.13	36.61 -0.39 0.01	39.17 -0.43 -1.59	39.22 -0.03 0.00	44.37 0.15 0.00	45.42 -0.24 0.00	43.78 -0.84 0.00	47.16 -0.81 0.00	59.99 -1.34 0.00	35.91 -0.87 0.00	31.89 -1.05 0.00	33.34 -0.64 0.00	29.54 -0.43 0.00	28.17 -0.08 0.00
VALLEY___115KV_TB 1-4 80826	33.80 0.41 0.00	25.33 0.30 0.00	26.24 0.31 0.00	30.49 0.31 0.00	25.66 0.36 0.00	31.66 0.52 0.00	33.91 0.65 0.00	30.03 0.57 0.00	35.36 0.56 0.00	38.04 0.61 0.00	39.60 0.38 0.00	37.39 0.37 0.00	38.44 0.43 0.00	39.81 0.56 0.00	44.84 0.62 0.00	46.28 0.62 0.00	45.49 0.87 0.00	48.98 1.01 0.00	62.51 1.18 0.00	37.41 0.63 0.00	33.50 0.56 0.00	34.49 0.51 0.00	30.45 0.48 0.00	28.67 0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.01 1.62 0.00	26.20 1.17 0.00	27.12 1.19 0.00	31.51 1.33 0.00	26.02 0.72 0.00	32.07 0.92 0.00	34.29 1.02 0.00	30.40 0.95 0.00	35.95 1.15 0.00	38.68 1.26 0.00	40.85 1.30 -0.33	38.32 1.33 0.04	39.63 1.73 0.12	41.22 1.96 0.00	46.43 2.22 0.00	47.98 2.32 0.00	46.90 2.28 0.00	50.43 2.46 0.00	64.46 3.14 0.00	38.69 1.91 0.00	34.66 1.71 0.00	35.67 1.68 0.00	31.44 1.47 0.00	29.60 1.34 0.00
VISCHER___FERRY HYD 24020	34.66 1.28 0.00	26.06 1.03 0.00	27.03 1.10 0.00	31.51 1.33 0.00	26.40 1.10 0.00	32.47 1.33 0.00	34.81 1.54 0.00	30.87 1.42 0.00	36.54 1.74 0.00	39.26 1.84 0.00	40.86 1.83 0.20	38.76 1.72 -0.02	39.84 1.76 -0.08	41.00 1.75 0.00	46.17 1.95 0.00	47.78 2.12 0.00	46.74 2.12 0.00	50.22 2.25 0.00	64.22 2.90 0.00	38.50 1.71 0.00	34.53 1.59 0.00	35.52 1.54 0.00	31.27 1.30 0.00	29.40 1.15 0.00
V_A_10_SYNC_DSASP 323832	31.91 -1.48 0.00	23.76 -1.26 0.00	24.64 -1.29 0.00	29.08 -1.10 0.00	24.25 -1.05 0.00	29.84 -1.30 0.00	31.59 -1.67 0.00	27.86 -1.59 0.00	32.81 -1.99 0.00	34.65 -2.09 0.69	37.05 -2.28 -0.10	34.34 -2.66 0.01	35.05 -2.92 0.04	36.55 -2.70 0.00	41.30 -2.91 0.00	42.40 -3.26 0.00	41.07 -3.54 0.00	44.26 -3.72 0.00	56.34 -4.99 0.00	33.79 -3.00 0.00	30.14 -2.80 0.00	31.62 -2.37 0.00	28.00 -1.97 0.00	26.74 -1.51 0.00
V_CMM_10_SYNC_DSASP 323787	33.12 -0.26 0.00	24.78 -0.25 0.00	24.96 -0.97 0.00	28.13 -2.05 0.00	23.20 -2.10 0.00	28.43 -2.72 0.00	30.15 -3.11 0.00	26.84 -2.61 0.00	31.53 -3.27 0.00	32.86 -3.65 0.92	35.63 -3.59 0.00	33.71 -3.30 0.00	34.71 -3.30 0.00	36.68 -2.58 0.00	41.74 -2.48 0.00	43.12 -2.54 0.00	42.51 -2.10 0.00	46.02 -1.96 0.00	59.09 -2.24 0.00	35.53 -1.25 0.00	31.77 -1.18 0.00	33.47 -0.52 0.00	29.67 -0.30 0.00	27.93 -0.33 0.00
V_CMP_10_SYNC_DSASP 323788	33.35 -0.03 0.00	24.98 -0.04 0.00	25.02 -0.91 0.00	27.97 -2.20 0.00	23.07 -2.23 0.00	28.30 -2.84 0.00	29.98 -3.29 0.00	26.76 -2.69 0.00	31.40 -3.40 0.00	32.63 -3.87 0.92	35.38 -3.84 0.00	33.35 -3.66 0.00	34.47 -3.54 0.00	36.81 -2.44 0.00	42.25 -1.97 0.00	43.95 -1.71 0.00	43.38 -1.24 0.00	46.81 -1.17 0.00	60.14 -1.18 0.00	36.27 -0.51 0.00	32.28 -0.66 0.00	34.12 0.13 0.00	30.33 0.36 0.00	28.53 0.27 0.00
V_D_10_SYNC_DSASP 323841	33.36 -0.03 0.00	24.94 -0.09 0.00	25.13 -0.79 0.00	28.34 -1.84 0.00	23.37 -1.94 0.00	28.63 -2.51 0.00	30.37 -2.90 0.00	27.03 -2.42 0.00	31.76 -3.04 0.00	33.13 -3.41 0.89	35.88 -3.35 0.00	33.94 -3.08 0.00	34.91 -3.10 0.00	36.89 -2.37 0.00	41.96 -2.26 0.00	43.35 -2.31 0.00	42.77 -1.84 0.00	46.31 -1.66 0.00	59.46 -1.87 0.00	35.75 -1.04 0.00	31.96 -0.98 0.00	33.66 -0.33 0.00	29.84 -0.13 0.00	28.08 -0.17 0.00
V_E_10_SYNC_DSASP 323830	35.74 2.35 0.00	26.60 1.57 0.00	27.50 1.57 0.00	31.88 1.70 0.00	27.10 1.80 0.00	34.02 2.88 0.00	37.50 4.23 0.00	32.89 3.44 0.00	38.98 4.18 0.00	43.84 4.10 -2.32	44.20 4.35 -0.63	41.57 4.61 0.06	46.35 8.55 0.20	49.01 9.76 0.00	55.08 10.86 0.00	56.67 11.01 0.00	52.26 7.64 0.00	56.34 8.37 0.00	72.35 11.03 0.00	42.97 6.18 0.00	38.53 5.59 0.00	39.30 5.31 0.00	34.62 4.64 0.00	32.51 4.26 0.00
V_F_30_NSYNC___DSASP 323816	35.11 1.72 0.00	26.38 1.35 0.00	27.37 1.44 0.00	31.90 1.72 0.00	26.69 1.39 0.00	32.83 1.68 0.00	35.18 1.92 0.00	31.20 1.75 0.00	36.88 2.07 0.00	39.66 2.24 0.00	41.26 2.22 0.18	39.05 2.01 -0.02	40.12 2.05 -0.07	41.28 2.03 0.00	46.47 2.25 0.00	48.16 2.51 0.00	47.16 2.54 0.00	50.69 2.72 0.00	64.77 3.45 0.00	38.80 2.01 0.00	34.71 1.77 0.00	35.75 1.76 0.00	31.50 1.53 0.00	29.61 1.35 0.00



V_F_30_SYNC_DSASP 323786	34.03 0.64 0.00	25.62 0.59 0.00	26.59 0.66 0.00	30.92 0.74 0.00	25.95 0.65 0.00	31.87 0.72 0.00	34.18 0.91 0.00	30.32 0.87 0.00	35.91 1.11 0.00	38.51 1.08 0.00	40.16 1.13 0.19	38.14 1.11 -0.02	39.24 1.15 -0.08	40.48 1.23 0.00	45.56 1.35 0.00	47.11 1.45 0.00	46.09 1.47 0.00	49.49 1.52 0.00	63.28 1.96 0.00	37.95 1.16 0.00	34.02 1.07 0.00	34.98 1.00 0.00	30.79 0.81 0.00	28.93 0.68 0.00
V_XM_10_SYNC_DSASP 323789	33.35 -0.03 0.00	24.98 -0.04 0.00	25.02 -0.91 0.00	27.97 -2.20 0.00	23.07 -2.23 0.00	28.30 -2.84 0.00	29.98 -3.29 0.00	26.76 -2.69 0.00	31.40 -3.40 0.00	32.63 -3.87 0.92	35.38 -3.84 0.00	33.35 -3.66 0.00	34.47 -3.54 0.00	36.81 -2.44 0.00	42.25 -1.97 0.00	43.95 -1.71 0.00	43.38 -1.24 0.00	46.81 -1.17 0.00	60.14 -1.18 0.00	36.27 -0.51 0.00	32.28 -0.66 0.00	34.12 0.13 0.00	30.33 0.36 0.00	28.53 0.27 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.30 1.91 0.00	26.40 1.38 0.00	27.36 1.43 0.00	31.87 1.69 0.00	26.82 1.52 0.00	33.14 2.00 0.00	35.74 2.47 0.00	31.74 2.29 0.00	37.63 2.83 0.00	40.48 3.05 0.00	45.10 3.24 -2.64	40.31 3.18 -0.11	41.73 3.35 -0.37	42.48 3.23 0.00	47.78 3.57 0.00	49.35 3.69 0.00	48.33 3.71 0.00	51.99 4.02 0.00	66.33 5.01 0.00	39.83 3.05 0.00	35.56 2.62 0.00	36.49 2.50 0.00	32.08 2.11 0.00	30.05 1.80 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.44 2.05 0.00	26.51 1.48 0.00	27.45 1.52 0.00	31.98 1.80 0.00	26.92 1.62 0.00	33.25 2.11 0.00	35.83 2.56 0.00	31.85 2.40 0.00	37.82 3.02 0.00	40.75 3.33 0.00	45.51 3.52 -2.77	40.56 3.46 -0.08	41.92 3.63 -0.28	42.76 3.51 0.00	48.10 3.88 0.00	49.68 4.02 0.00	48.63 4.00 0.00	52.27 4.30 0.00	66.69 5.37 0.00	40.08 3.30 0.00	35.78 2.84 0.00	36.75 2.76 0.00	32.33 2.36 0.00	30.24 1.98 0.00
W50THST__13_KV_LOAD 356117	35.64 2.26 0.00	26.66 1.63 0.00	27.60 1.68 0.00	32.15 1.98 0.00	27.07 1.77 0.00	33.44 2.30 0.00	36.04 2.78 0.00	32.05 2.60 0.00	38.08 3.28 0.00	41.04 3.61 0.00	45.80 3.81 -2.77	40.85 3.75 -0.08	42.21 3.92 -0.28	43.07 3.82 0.00	48.44 4.22 0.00	50.02 4.37 0.00	48.97 4.35 0.00	52.62 4.64 0.00	67.11 5.78 0.00	40.30 3.52 0.00	35.98 3.04 0.00	36.95 2.96 0.00	32.50 2.53 0.00	30.39 2.14 0.00
WADING RIVER_IC_1 23522	34.68 1.53 0.24	26.14 1.12 0.00	27.37 1.44 0.00	31.71 1.53 0.00	26.70 1.40 0.00	33.16 2.02 0.00	35.31 2.05 0.00	31.28 1.83 0.00	37.44 2.64 0.00	40.37 2.94 0.00	48.32 4.14 -4.95	44.06 3.94 -3.11	45.48 4.13 -3.34	44.33 4.11 -0.97	51.37 4.70 -2.45	52.66 4.82 -2.19	47.30 4.81 2.13	35.21 5.06 17.82	50.28 5.87 16.91	53.83 3.74 -13.31	35.73 2.79 0.00	35.98 2.76 0.77	33.63 2.79 -0.87	30.61 2.36 0.00
WADING RIVER_IC_2 23547	34.68 1.53 0.24	26.14 1.12 0.00	27.37 1.44 0.00	31.71 1.53 0.00	26.70 1.40 0.00	33.16 2.02 0.00	35.31 2.05 0.00	31.28 1.83 0.00	37.44 2.64 0.00	40.37 2.94 0.00	48.32 4.14 -4.95	44.06 3.94 -3.11	45.48 4.13 -3.34	44.33 4.11 -0.97	51.37 4.70 -2.45	52.66 4.82 -2.19	47.30 4.81 2.13	35.21 5.06 17.82	50.28 5.87 16.91	53.83 3.74 -13.31	35.73 2.79 0.00	35.98 2.76 0.77	33.63 2.79 -0.87	30.61 2.36 0.00
WADING RIVER_IC_3 23601	34.68 1.53 0.24	26.14 1.12 0.00	27.37 1.44 0.00	31.71 1.53 0.00	26.70 1.40 0.00	33.16 2.02 0.00	35.31 2.05 0.00	31.28 1.83 0.00	37.44 2.64 0.00	40.37 2.94 0.00	48.32 4.14 -4.95	44.06 3.94 -3.11	45.48 4.13 -3.34	44.33 4.11 -0.97	51.37 4.70 -2.45	52.66 4.82 -2.19	47.30 4.81 2.13	35.21 5.06 17.82	50.28 5.87 16.91	53.83 3.74 -13.31	35.73 2.79 0.00	35.98 2.76 0.77	33.63 2.79 -0.87	30.61 2.36 0.00
WALDENNY_12_KV_BK2 80841	32.64 -0.74 0.00	24.25 -0.78 0.00	25.11 -0.81 0.00	29.68 -0.50 0.00	24.74 -0.56 0.00	30.50 -0.64 0.00	32.32 -0.95 0.00	28.49 -0.96 0.00	33.57 -1.23 0.00	35.23 -1.23 0.96	37.89 -1.46 -0.12	35.00 -2.01 0.01	35.68 -2.29 0.04	37.34 -1.92 0.00	42.15 -2.06 0.00	43.27 -2.38 0.00	41.84 -2.78 0.00	45.13 -2.85 0.00	57.36 -3.97 0.00	34.45 -2.33 0.00	30.71 -2.24 0.00	32.31 -1.67 0.00	28.62 -1.35 0.00	27.42 -0.83 0.00
WALDEN__HYDRO 24148	35.26 1.87 0.00	26.39 1.36 0.00	27.34 1.41 0.00	31.85 1.67 0.00	26.79 1.49 0.00	33.10 1.96 0.00	35.67 2.41 0.00	31.71 2.26 0.00	37.61 2.81 0.00	40.48 3.05 0.00	44.31 3.24 -1.84	40.28 3.17 -0.09	41.65 3.32 -0.32	42.48 3.22 0.00	47.78 3.57 0.00	49.36 3.70 0.00	48.36 3.74 0.00	52.03 4.06 0.00	66.41 5.08 0.00	39.86 3.08 0.00	35.59 2.65 0.00	36.53 2.55 0.00	32.13 2.15 0.00	30.10 1.84 0.00
WARRENSBURG____ 23737	35.43 2.05 0.00	26.66 1.63 0.00	27.66 1.73 0.00	32.20 2.02 0.00	26.85 1.55 0.00	32.87 1.73 0.00	35.12 1.85 0.00	31.16 1.72 0.00	36.80 2.00 0.00	39.57 2.14 0.00	41.00 1.95 0.18	38.63 1.60 -0.02	39.73 1.65 -0.07	40.79 1.53 0.00	45.88 1.66 0.00	47.74 2.08 0.00	46.80 2.18 0.00	50.24 2.27 0.00	64.24 2.92 0.00	38.43 1.65 0.00	34.32 1.38 0.00	35.41 1.42 0.00	31.27 1.30 0.00	29.35 1.10 0.00
WATERSIDE____6 8 9 23538	35.43 2.04 0.00	26.50 1.47 0.00	27.43 1.50 0.00	31.96 1.78 0.00	26.90 1.60 0.00	33.20 2.06 0.00	35.79 2.53 0.00	31.81 2.36 0.00	37.80 3.00 0.00	40.74 3.32 0.00	45.48 3.49 -2.77	40.57 3.47 -0.08	41.91 3.63 -0.28	42.76 3.50 0.00	48.09 3.88 0.00	49.64 3.98 0.00	48.61 3.99 0.00	52.23 4.26 0.00	66.64 5.32 0.00	40.11 3.33 0.00	35.82 2.88 0.00	36.78 2.80 0.00	32.35 2.38 0.00	30.26 2.00 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.67 0.28 0.00	25.24 0.21 0.00	26.17 0.24 0.00	30.42 0.24 0.00	25.55 0.25 0.00	31.50 0.36 0.00	33.72 0.46 0.00	29.89 0.44 0.00	35.29 0.49 0.00	37.93 0.50 0.00	39.65 0.43 0.00	37.42 0.40 0.00	38.49 0.48 0.00	39.80 0.55 0.00	44.82 0.60 0.00	46.32 0.66 0.00	45.36 0.74 0.00	48.80 0.83 0.00	62.33 1.01 0.00	37.36 0.57 0.00	33.44 0.50 0.00	34.43 0.45 0.00	30.37 0.40 0.00	28.57 0.32 0.00
WATSON__69_KV_BK 1 55734	35.51 2.32 0.19	26.70 1.68 0.00	27.79 1.86 0.00	32.24 2.07 0.00	27.14 1.84 0.00	33.68 2.54 0.00	36.13 2.87 0.00	32.00 2.55 0.00	38.21 3.41 0.00	41.17 3.75 0.00	49.55 4.53 -5.80	45.47 4.28 -4.17	46.87 4.46 -4.40	45.13 4.34 -1.53	52.34 4.83 -3.30	53.49 4.88 -2.95	53.24 4.86 -3.76	63.45 5.17 -10.30	87.97 6.41 -20.23	56.72 4.03 -15.90	36.26 3.32 0.00	37.36 3.29 -0.08	34.03 3.16 -0.90	30.98 2.72 0.00
WDELAWARE__HYD 323627	34.71 1.32 0.00	26.02 0.99 0.00	26.86 0.93 0.00	31.25 1.07 0.00	26.32 1.02 0.00	32.52 1.37 0.00	35.01 1.75 0.00	31.23 1.78 0.00	37.02 2.22 0.00	39.81 2.38 0.00	43.12 2.59 -1.30	39.65 2.63 0.00	40.84 2.83 0.00	41.94 2.68 0.00	47.16 2.94 0.00	48.74 3.09 0.00	47.73 3.11 0.00	51.33 3.36 0.00	65.57 4.24 0.00	39.32 2.54 0.00	35.09 2.15 0.00	36.02 2.03 0.00	31.68 1.70 0.00	29.68 1.43 0.00

WEST BABYLON___IC 23714	35.57 2.29 0.10	26.67 1.64 0.00	27.75 1.82 0.00	32.21 2.03 0.00	27.10 1.80 0.00	33.62 2.48 0.00	36.10 2.84 0.00	31.98 2.53 0.00	38.17 3.37 0.00	41.13 3.70 0.00	51.21 4.43 -7.55	47.67 4.19 -6.46	49.08 4.36 -6.71	46.25 4.26 -2.74	54.06 4.70 -5.14	54.99 4.73 -4.61	54.45 4.72 -5.11	63.34 5.01 -10.35	85.47 6.29 -17.86	61.90 3.95 -21.17	36.22 3.28 0.00	37.24 3.25 0.00	34.00 3.07 -0.96	30.90 2.64 0.00
WEST CANADA___HYD 24049	33.50 0.12 0.00	25.12 0.09 0.00	26.01 0.08 0.00	30.24 0.06 0.00	25.35 0.05 0.00	31.20 0.06 0.00	33.32 0.06 0.00	29.51 0.06 0.00	34.87 0.07 0.00	37.50 0.07 0.00	39.29 0.06 0.00	37.09 0.07 0.00	38.09 0.08 0.00	39.37 0.11 0.00	44.35 0.13 0.00	45.81 0.15 0.00	44.80 0.18 0.00	48.17 0.19 0.00	61.61 0.29 0.00	36.96 0.17 0.00	33.11 0.17 0.00	34.16 0.17 0.00	30.12 0.15 0.00	28.36 0.11 0.00
WESTERN_NY_WIND 24143	32.97 -0.41 0.00	24.54 -0.48 0.00	25.44 -0.49 0.00	30.03 -0.14 0.00	25.07 -0.23 0.00	30.88 -0.26 0.00	32.79 -0.47 0.00	28.99 -0.46 0.00	34.20 -0.60 0.00	36.13 -0.54 0.75	38.58 -0.75 -0.11	35.71 -1.29 0.01	36.43 -1.55 0.04	38.03 -1.22 0.00	42.95 -1.27 0.00	44.08 -1.58 0.00	42.76 -1.86 0.00	46.10 -1.88 0.00	58.58 -2.74 0.00	35.12 -1.66 0.00	31.28 -1.66 0.00	32.80 -1.19 0.00	28.99 -0.98 0.00	27.72 -0.54 0.00
WESTOVER___LESR 323668	33.73 0.34 0.00	25.14 0.11 0.00	26.06 0.14 0.00	30.39 0.21 0.00	25.56 0.26 0.00	31.65 0.51 0.00	33.76 0.50 0.00	29.92 0.48 0.00	35.34 0.53 0.00	37.78 0.54 0.19	40.05 0.59 -0.24	37.60 0.61 0.03	38.63 0.71 0.09	40.12 0.87 0.00	45.08 0.86 0.00	46.44 0.78 0.00	45.25 0.64 0.00	48.65 0.67 0.00	62.08 0.76 0.00	37.21 0.42 0.00	33.20 0.25 0.00	34.22 0.23 0.00	30.23 0.26 0.00	28.55 0.29 0.00
WETHRSFD_WT_PWR 323626	31.96 -1.42 0.00	23.65 -1.38 0.00	24.44 -1.49 0.00	28.83 -1.34 0.00	24.20 -1.10 0.00	29.97 -1.17 0.00	31.84 -1.42 0.00	28.12 -1.33 0.00	33.18 -1.62 0.00	34.36 -1.73 1.34	37.45 -1.92 -0.14	34.68 -2.33 0.02	35.48 -2.48 0.05	37.28 -1.98 0.00	42.04 -2.18 0.00	43.22 -2.44 0.00	41.89 -2.72 0.00	45.00 -2.98 0.00	57.19 -4.13 0.00	34.42 -2.36 0.00	30.71 -2.23 0.00	32.21 -1.78 0.00	28.57 -1.40 0.00	27.30 -0.96 0.00
WHAVSTOR_138KV_BK127 55557	35.17 1.78 0.00	26.31 1.28 0.00	27.26 1.33 0.00	31.75 1.57 0.00	26.72 1.42 0.00	33.02 1.88 0.00	35.59 2.33 0.00	31.61 2.16 0.00	37.46 2.66 0.00	40.30 2.87 0.00	44.92 3.05 -2.64	40.12 3.00 -0.11	41.54 3.16 -0.37	42.29 3.04 0.00	47.57 3.35 0.00	49.12 3.46 0.00	48.11 3.48 0.00	51.74 3.77 0.00	66.01 4.68 0.00	39.65 2.87 0.00	35.40 2.46 0.00	36.33 2.34 0.00	31.95 1.98 0.00	29.93 1.68 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.17 1.78 0.00	26.31 1.28 0.00	27.26 1.33 0.00	31.75 1.57 0.00	26.72 1.42 0.00	33.02 1.88 0.00	35.59 2.33 0.00	31.61 2.16 0.00	37.46 2.66 0.00	40.30 2.87 0.00	44.92 3.05 -2.64	40.12 3.00 -0.11	41.54 3.16 -0.37	42.29 3.04 0.00	47.57 3.35 0.00	49.12 3.46 0.00	48.11 3.48 0.00	51.74 3.77 0.00	66.01 4.68 0.00	39.65 2.87 0.00	35.40 2.46 0.00	36.33 2.34 0.00	31.95 1.98 0.00	29.93 1.68 0.00
WHITEHAL_115KV_TB1 80871	35.70 2.31 0.00	27.06 2.03 0.00	28.15 2.22 0.00	33.09 2.91 0.00	27.69 2.38 0.00	33.99 2.85 0.00	36.23 2.97 0.00	32.32 2.87 0.00	38.00 3.20 0.00	40.63 3.20 0.00	41.51 2.46 0.18	39.28 2.25 -0.02	40.52 2.44 -0.07	41.86 2.61 0.00	47.12 2.90 0.00	49.10 3.44 0.00	48.56 3.93 0.00	51.84 3.87 0.00	66.35 5.03 0.00	39.59 2.81 0.00	34.93 1.98 0.00	36.34 2.36 0.00	32.08 2.11 0.00	30.02 1.77 0.00
WHITEPLN_13_KV_LOAD 356215	35.57 2.19 0.00	26.61 1.58 0.00	27.57 1.64 0.00	32.11 1.94 0.00	27.02 1.72 0.00	33.39 2.25 0.00	35.99 2.73 0.00	32.01 2.56 0.00	37.99 3.19 0.00	40.92 3.49 0.00	45.66 3.71 -2.73	40.71 3.61 -0.08	42.07 3.78 -0.28	42.93 3.67 0.00	48.29 4.07 0.00	49.90 4.24 0.00	48.87 4.26 0.00	52.56 4.59 0.00	67.08 5.75 0.00	40.27 3.49 0.00	35.94 3.00 0.00	36.89 2.91 0.00	32.44 2.47 0.00	30.36 2.11 0.00
WM_FLOYD_69_KV_BK2 356380	34.95 1.80 0.23	26.34 1.31 0.00	27.49 1.56 0.00	31.85 1.67 0.00	26.82 1.52 0.00	33.30 2.16 0.00	35.55 2.29 0.00	31.49 2.04 0.00	37.66 2.86 0.00	40.59 3.16 0.00	48.36 4.14 -5.00	44.08 3.90 -3.17	45.50 4.09 -3.40	44.28 4.02 -1.00	51.29 4.57 -2.50	52.56 4.67 -2.24	42.14 4.66 7.14	8.15 4.89 44.71	13.62 5.90 53.60	53.98 3.74 -13.46	35.86 2.92 0.00	35.24 2.89 1.63	33.73 2.88 -0.87	30.72 2.47 0.00
WOODARD__115KV_TB2 355635	33.04 -0.35 0.00	24.73 -0.30 0.00	25.63 -0.30 0.00	29.89 -0.29 0.00	25.09 -0.21 0.00	30.91 -0.23 0.00	32.98 -0.28 0.00	29.16 -0.28 0.00	34.44 -0.36 0.00	37.03 -0.38 0.02	38.90 -0.40 -0.08	36.58 -0.43 0.00	37.53 -0.48 0.00	38.76 -0.49 0.00	43.63 -0.58 0.00	45.00 -0.66 0.00	43.90 -0.72 0.00	47.21 -0.75 0.00	60.28 -1.04 0.00	36.15 -0.63 0.00	32.38 -0.56 0.00	33.42 -0.56 0.00	29.49 -0.49 0.00	27.85 -0.41 0.00
YORK___WARBASSE 23770	35.59 2.20 0.00	26.60 1.57 0.00	27.54 1.61 0.00	32.07 1.90 0.00	27.00 1.70 0.00	33.34 2.19 0.00	35.98 2.72 0.00	31.98 2.52 0.00	37.97 3.17 0.00	40.90 3.47 0.00	45.65 3.65 -2.77	40.75 3.65 -0.08	42.11 3.82 -0.28	42.96 3.71 0.00	48.33 4.11 0.00	49.91 4.25 0.00	48.84 4.22 0.00	52.49 4.52 0.00	66.99 5.67 0.00	40.27 3.48 0.00	35.92 2.97 0.00	36.87 2.89 0.00	32.41 2.44 0.00	30.32 2.07 0.00