

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/25/2024

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	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	32.88	29.96	27.06	26.27	27.44	29.77	36.24	40.96	42.16	39.33	42.13	44.00	44.03	43.73	42.05	43.75	47.98	47.10	48.35	47.83	43.80	38.55	34.55	33.12
24138	2.01	1.64	1.41	1.32	1.43	1.58	2.05	2.46	2.37	2.15	2.22	2.11	2.16	2.11	2.19	2.19	2.62	3.04	3.04	2.96	2.60	2.19	1.74	1.75
	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-1.53	-1.32	-3.45	-6.79	-5.91	-6.41	-3.90	-5.65	-5.65	-0.01	-0.01	-0.01	-0.01	-1.09	-0.01	-0.01
74TH STREET_GT_1	32.82	29.91	27.04	26.25	27.42	29.74	36.17	40.85	42.17	39.30	42.28	44.48	44.39	44.13	42.18	44.09	48.23	46.89	48.22	47.74	43.68	38.57	34.48	33.09
24260	1.94	1.59	1.39	1.30	1.40	1.55	1.98	2.35	2.26	2.01	2.08	2.00	2.01	1.97	2.01	2.05	2.38	2.82	2.90	2.87	2.47	2.12	1.67	1.72
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.43	-3.75	-7.37	-6.40	-6.95	-4.21	-6.13	-6.13	-0.02	-0.01	-0.01	-0.01	-1.19	-0.01	-0.01
74TH STREET_GT_2	32.82	29.91	27.04	26.25	27.42	29.74	36.17	40.85	42.17	39.30	42.28	44.48	44.39	44.13	42.18	44.09	48.23	46.89	48.22	47.74	43.68	38.57	34.48	33.09
24261	1.94	1.59	1.39	1.30	1.40	1.55	1.98	2.35	2.26	2.01	2.08	2.00	2.01	1.97	2.01	2.05	2.38	2.82	2.90	2.87	2.47	2.12	1.67	1.72
	-0.01	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-1.66	-1.43	-3.75	-7.37	-6.40	-6.95	-4.21	-6.13	-6.13	-0.02	-0.01	-0.01	-0.01	-1.19	-0.01	-0.01
ADK HUDSON___FALLS	32.85	30.13	27.35	26.60	27.71	30.14	36.47	40.93	40.66	38.12	38.75	37.32	38.00	36.99	37.65	38.06	42.18	47.22	48.75	48.19	44.04	37.59	34.77	33.23
24011	1.98	1.81	1.69	1.65	1.69	1.95	2.29	2.46	2.41	2.26	2.30	2.21	2.12	1.90	1.98	2.15	2.46	3.17	3.44	3.32	2.84	2.33	1.97	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.06	30.33	27.53	26.75	27.89	30.34	36.74	41.20	40.97	38.45	39.04	37.60	38.28	37.24	37.94	38.35	42.54	47.62	49.16	48.63	44.41	37.87	35.00	33.45
23798	2.19	2.01	1.87	1.80	1.87	2.14	2.56	2.73	2.72	2.58	2.59	2.49	2.41	2.15	2.27	2.44	2.82	3.57	3.85	3.77	3.22	2.61	2.20	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	32.85	30.13	27.35	26.60	27.71	30.14	36.47	40.93	40.66	38.12	38.75	37.32	38.00	36.99	37.65	38.06	42.18	47.22	48.75	48.19	44.04	37.59	34.77	33.23
24028	1.98	1.81	1.69	1.65	1.69	1.95	2.29	2.46	2.41	2.26	2.30	2.21	2.12	1.90	1.98	2.15	2.46	3.17	3.44	3.32	2.84	2.33	1.97	1.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.11	0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	32.07	29.46	26.78	26.10	27.19	29.55	35.61	40.08	39.51	36.94	37.47	36.02	36.63	35.78	36.26	36.88	40.99	45.77	47.35	46.71	42.72	36.50	33.85	32.54
23527	1.20	1.13	1.13	1.15	1.17	1.35	1.44	1.62	1.26	1.07	1.02	0.91	0.86	0.81	0.90	0.97	1.27	1.72	2.04	1.84	1.53	1.23	1.05	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.23	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.09	28.55	25.89	25.18	26.25	28.45	34.38	38.74	38.37	35.90	36.45	35.07	35.82	34.97	35.65	35.91	39.80	44.36	45.72	45.22	41.40	35.41	32.77	31.42
24190	0.22	0.23	0.23	0.22	0.23	0.25	0.21	0.27	0.11	0.04	0.00	-0.04	-0.07	-0.14	-0.07	0.00	0.08	0.31	0.41	0.36	0.21	0.14	-0.03	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	9.85	9.08	9.76	10.42	10.44	10.47	20.79	22.60	37.34	34.92	29.76	20.76	29.85	30.20	28.59	31.75	37.74	18.47	14.09	14.88	12.96	11.02	10.58	9.98
355683	-0.83	-0.74	-0.67	-0.65	-0.68	-0.76	-0.92	-1.00	-0.92	-0.93	-0.95	-0.95	-1.01	-0.99	-1.01	-1.01	-1.19	-1.41	-1.50	-1.39	-1.24	-1.06	-0.98	-0.91
	20.19	18.50	15.23	13.89	14.90	16.96	12.47	14.87	0.00	0.01	5.74	13.40	5.11	4.01	6.36	3.15	0.78	24.17	29.73	28.60	27.00	23.19	21.24	20.46
ALBANY_1_SOLAR	31.71	29.14	26.45	25.73	26.79	29.01	35.10	39.39	39.02	36.47	37.00	35.56	36.35	35.46	36.23	36.45	40.51	45.15	46.62	46.12	42.23	36.15	33.49	32.07
323833	0.83	0.82	0.80	0.77	0.78	0.82	0.92	0.92	0.76	0.61	0.55	0.46	0.43	0.32	0.43	0.54	0.79	1.10	1.31	1.25	1.03	0.88	0.69	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	31.71	29.14	26.45	25.73	26.79	29.01	35.07	39.39	39.02	36.47	37.00	35.56	36.31	35.46	36.23	36.45	40.47	45.15	46.58	46.12	42.23	36.11	33.46	32.07
323834	0.83	0.82	0.80	0.77	0.78	0.82	0.89	0.92	0.76	0.61	0.55	0.46	0.40	0.32	0.43	0.54	0.75	1.10	1.27	1.25	1.03	0.84	0.66	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.06	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	31.09	28.55	25.89	25.18	26.25	28.45	34.38	38.74	38.37	35.90	36.45	35.07	35.82	34.97	35.65	35.91	39.80	44.36	45.72	45.22	41.40	35.41	32.77	31.42
23571	0.22	0.23	0.23	0.22	0.23	0.25	0.21	0.27	0.11	0.04	0.00	-0.04	-0.07	-0.14	-0.07	0.00	0.08	0.31	0.41	0.36	0.21	0.14	-0.03	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.09	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	31.09 0.22 0.00	28.55 0.23 0.00	25.89 0.23 0.00	25.18 0.22 0.00	26.25 0.23 0.00	28.45 0.25 0.00	34.38 0.21 0.00	38.74 0.27 0.00	38.37 0.11 0.00	35.90 0.04 0.00	36.45 0.00 0.00	35.07 -0.04 0.00	35.82 -0.07 0.08	34.97 -0.14 0.09	35.65 -0.07 0.23	35.91 0.00 0.00	39.80 0.08 0.00	44.36 0.31 0.00	45.72 0.41 0.00	45.22 0.36 0.00	41.40 0.21 0.00	35.41 0.14 0.00	32.77 -0.03 0.00	31.42 0.06 0.00
ALBANY___3 23573	31.09 0.22 0.00	28.55 0.23 0.00	25.89 0.23 0.00	25.18 0.22 0.00	26.25 0.23 0.00	28.45 0.25 0.00	34.38 0.21 0.00	38.74 0.27 0.00	38.37 0.11 0.00	35.90 0.04 0.00	36.45 0.00 0.00	35.07 -0.04 0.00	35.82 -0.07 0.08	34.97 -0.14 0.09	35.65 -0.07 0.23	35.91 0.00 0.00	39.80 0.08 0.00	44.36 0.31 0.00	45.72 0.41 0.00	45.22 0.36 0.00	41.40 0.21 0.00	35.41 0.14 0.00	32.77 -0.03 0.00	31.42 0.06 0.00
ALBANY___4 23574	31.09 0.22 0.00	28.55 0.23 0.00	25.89 0.23 0.00	25.18 0.22 0.00	26.25 0.23 0.00	28.45 0.25 0.00	34.38 0.21 0.00	38.74 0.27 0.00	38.37 0.11 0.00	35.90 0.04 0.00	36.45 0.00 0.00	35.07 -0.04 0.00	35.82 -0.07 0.08	34.97 -0.14 0.09	35.65 -0.07 0.23	35.91 0.00 0.00	39.80 0.08 0.00	44.36 0.31 0.00	45.72 0.41 0.00	45.22 0.36 0.00	41.40 0.21 0.00	35.41 0.14 0.00	32.77 -0.03 0.00	31.42 0.06 0.00
ALBANY___LFGE 323615	31.36 0.49 0.00	28.80 0.48 0.00	26.14 0.49 0.00	25.42 0.47 0.00	26.48 0.47 0.00	28.70 0.51 0.00	34.72 0.55 0.00	39.08 0.61 0.00	38.75 0.50 0.00	36.29 0.43 0.00	36.86 0.40 0.00	35.46 0.35 0.00	36.21 0.32 0.09	35.35 0.25 0.10	36.03 0.32 0.25	36.30 0.40 0.00	40.23 0.51 0.00	44.80 0.75 0.00	46.22 0.91 0.00	45.72 0.85 0.00	41.82 0.62 0.00	35.76 0.49 0.00	33.10 0.29 0.00	31.73 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	10.62 -0.71 19.54	9.80 -0.62 17.90	10.35 -0.56 14.74	10.97 -0.55 13.44	11.03 -0.57 14.41	11.13 -0.65 16.41	21.36 -0.75 12.06	23.28 -0.81 14.39	37.49 -0.77 0.00	35.10 -0.75 0.01	30.09 -0.80 5.56	21.33 -0.81 12.96	30.16 -0.86 4.94	30.47 -0.84 3.88	28.94 -0.86 6.15	32.00 -0.86 3.05	37.92 -1.03 0.76	19.35 -1.32 23.38	15.18 -1.36 28.77	15.94 -1.26 27.67	13.96 -1.11 26.13	11.88 -0.95 22.43	11.36 -0.89 20.55	10.74 -0.82 19.80
ALCOA_RYNLDS___DRP 24188	10.62 -0.71 19.54	9.80 -0.62 17.90	10.35 -0.56 14.74	10.97 -0.55 13.44	11.03 -0.57 14.41	11.13 -0.65 16.41	21.36 -0.75 12.06	23.28 -0.81 14.39	37.49 -0.77 0.00	35.10 -0.75 0.01	30.09 -0.80 5.56	21.33 -0.81 12.96	30.16 -0.86 4.94	30.47 -0.84 3.88	28.94 -0.86 6.15	32.00 -0.86 3.05	37.92 -1.03 0.76	19.35 -1.32 23.38	15.18 -1.36 28.77	15.94 -1.26 27.67	13.96 -1.11 26.13	11.88 -0.95 22.43	11.36 -0.89 20.55	10.74 -0.82 19.80
ALCOA___DSASP 323711	10.63 -0.71 19.54	9.80 -0.62 17.90	10.35 -0.56 14.74	10.97 -0.55 13.44	11.03 -0.57 14.41	11.13 -0.65 16.41	21.36 -0.75 12.06	23.27 -0.81 14.39	37.49 -0.76 0.00	35.10 -0.75 0.01	30.09 -0.80 5.56	21.34 -0.81 12.96	30.16 -0.86 4.94	30.47 -0.85 3.88	28.94 -0.86 6.15	32.00 -0.86 3.05	37.89 -1.07 0.76	19.35 -1.32 23.38	15.19 -1.36 28.77	15.94 -1.26 27.67	13.96 -1.11 26.13	11.88 -0.95 22.43	11.36 -0.88 20.55	10.74 -0.82 19.80
ALLEGHENY___COGEN 23514	30.84 -0.03 0.00	28.01 -0.31 0.00	25.48 -0.18 0.00	24.75 -0.20 0.00	25.78 -0.23 0.00	28.17 -0.03 0.00	34.49 0.31 0.00	38.55 0.08 0.00	38.18 -0.08 0.00	35.79 -0.07 0.00	36.31 -0.15 0.00	34.93 -0.17 0.00	36.08 0.11 0.00	35.63 0.42 0.00	36.17 0.22 0.00	36.19 0.29 0.00	40.51 0.79 0.00	45.28 1.23 0.00	46.58 1.27 0.00	46.08 1.21 0.00	42.39 1.20 0.00	36.04 0.77 0.00	34.47 1.67 0.00	32.61 1.26 0.00
ALTAMONT_115KV_TB 2 55880	31.52 0.65 0.00	28.94 0.62 0.00	26.24 0.59 0.00	25.53 0.57 0.00	26.61 0.60 0.00	28.81 0.62 0.00	34.83 0.65 0.00	39.24 0.77 0.00	38.87 0.61 0.00	36.36 0.50 0.00	36.96 0.51 0.00	35.56 0.46 0.00	36.35 0.43 0.05	35.53 0.39 0.06	36.24 0.43 0.15	36.41 0.50 0.00	40.35 0.64 0.00	44.93 0.88 0.00	46.31 1.00 0.00	45.81 0.94 0.00	41.94 0.74 0.00	35.90 0.63 0.00	33.26 0.46 0.00	31.89 0.53 0.00
ALTONA_WT_PWR 323606	8.79 -2.07 20.02	8.25 -1.73 18.34	9.04 -1.51 15.10	9.76 -1.42 13.77	9.82 -1.43 14.77	9.80 -1.58 16.82	20.04 -1.78 12.36	21.73 -2.00 14.74	36.42 -1.84 0.00	34.06 -1.79 0.01	28.90 -1.86 5.69	19.96 -1.86 13.28	29.00 -1.91 5.07	29.18 -2.04 3.98	27.67 -1.98 6.30	30.81 -1.97 3.12	36.75 -2.18 0.78	17.71 -2.38 23.96	13.16 -2.67 29.47	13.96 -2.56 28.35	11.91 -2.51 26.77	10.02 -2.26 22.99	9.64 -2.10 21.06	8.90 -2.16 20.29
AMERICAN_REF_FUEL 24010	29.11 -1.76 0.00	26.42 -1.90 0.00	23.99 -1.67 0.00	23.33 -1.62 0.00	24.32 -1.69 0.00	26.56 -1.64 0.00	32.13 -2.05 0.00	35.24 -3.23 0.00	35.08 -3.17 0.00	33.25 -2.62 0.00	34.05 -2.41 0.00	32.93 -2.18 0.00	34.14 -1.83 0.00	33.62 -1.58 0.00	33.76 -2.19 0.00	33.50 -2.41 0.00	37.37 -2.34 0.00	41.36 -2.69 0.00	42.00 -3.31 0.00	41.55 -3.32 0.00	38.52 -2.68 0.00	32.73 -2.54 0.00	31.92 -0.88 0.00	30.41 -0.94 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.96 -1.91 0.00	26.28 -2.04 0.00	23.91 -1.75 0.00	23.28 -1.67 0.00	24.32 -1.69 0.00	26.64 -1.55 0.00	32.47 -1.71 0.00	36.20 -2.27 0.00	36.42 -1.84 0.00	34.50 -1.36 0.00	35.47 -0.98 0.00	34.37 -0.74 0.00	35.76 -0.21 0.00	35.42 0.21 0.00	35.71 -0.25 0.00	35.33 -0.58 0.00	39.56 -0.16 0.00	43.65 -0.40 0.00	44.45 -0.86 0.00	44.10 -0.76 0.00	40.54 -0.66 0.00	34.42 -0.85 0.00	33.23 0.43 0.00	31.63 0.28 0.00
ARTHUR KILL_GT_1 23520	33.05 2.16 -0.02	30.16 1.84 0.00	27.30 1.64 0.00	26.47 1.52 0.00	27.68 1.67 0.00	29.89 1.69 0.00	36.27 2.09 -0.01	40.42 1.92 -0.03	40.65 1.80 -0.60	38.89 1.58 -1.45	40.61 1.68 -2.47	40.74 1.62 -4.02	40.71 1.62 -3.12	40.73 1.59 -3.94	40.64 1.69 -2.99	40.90 1.69 -3.31	42.08 2.06 -0.30	42.74 2.38 3.69	42.83 2.49 4.97	42.98 2.42 4.31	41.84 2.06 1.42	38.52 2.04 -1.21	34.65 1.84 -0.02	33.28 1.91 -0.02
ARTHUR_KILL_2 23512	32.96 2.07 -0.02	30.11 1.79 0.00	27.25 1.59 0.00	26.40 1.45 0.00	27.63 1.61 0.00	29.80 1.61 0.00	36.17 1.98 -0.01	40.31 1.81 -0.03	40.53 1.68 -0.60	38.78 1.47 -1.45	40.53 1.60 -2.47	40.63 1.51 -4.02	40.60 1.51 -3.12	40.62 1.48 -3.94	40.53 1.58 -2.99	40.79 1.58 -3.31	41.96 1.95 -0.30	42.61 2.25 3.69	42.65 2.31 4.97	42.80 2.24 4.31	41.72 1.94 1.42	38.41 1.94 -1.21	34.55 1.74 -0.02	33.22 1.85 -0.02
ARTHUR_KILL_3 23513	32.48 1.60 -0.01	29.60 1.28 0.00	26.76 1.10 0.00	25.97 1.02 0.00	27.13 1.12 0.00	29.43 1.24 0.00	35.79 1.61 -0.01	40.46 1.96 -0.03	40.61 1.80 -0.55	38.93 1.65 -1.41	40.47 1.64 -2.37	40.46 1.54 -3.81	40.46 1.55 -2.94	40.46 1.51 -3.74	40.46 1.62 -2.89	40.66 1.62 -3.13	41.79 1.95 -0.13	42.66 2.29 3.68	42.66 2.31 4.96	42.85 2.29 4.30	41.77 1.98 1.41	38.16 1.73 -1.17	34.12 1.31 -0.01	32.71 1.35 -0.01

ARTHUR_KILL_COGEN 323718	33.05 2.16 -0.02	30.16 1.84 0.00	27.30 1.64 0.00	26.47 1.52 0.00	27.68 1.67 0.00	29.89 1.69 0.00	36.27 2.09 -0.01	40.42 1.92 -0.03	40.65 1.80 -0.60	38.89 1.58 -1.45	40.61 1.68 -2.47	40.74 1.62 -4.02	40.71 1.62 -3.12	40.73 1.59 -3.94	40.64 1.69 -2.99	40.90 1.69 -3.31	42.08 2.06 -0.30	42.74 2.38 3.69	42.83 2.49 4.97	42.98 2.42 4.31	41.84 2.06 1.42	38.52 2.04 -1.21	34.65 1.84 -0.02	33.28 1.91 -0.02
ASHOKAN____ 23654	31.92 1.05 0.00	29.23 0.91 0.00	26.48 0.82 0.00	25.80 0.85 0.00	26.90 0.89 0.00	29.18 0.99 0.00	35.37 1.20 0.00	39.66 1.19 0.00	39.25 0.99 0.00	36.62 0.75 0.00	37.07 0.62 0.00	35.60 0.49 0.00	37.30 1.33 0.00	36.40 1.20 0.00	37.43 1.47 0.00	36.48 0.57 0.00	40.67 0.95 0.00	45.33 1.28 0.00	46.80 1.49 0.00	46.34 1.48 0.00	42.43 1.23 0.00	36.25 0.99 0.00	33.49 0.69 0.00	32.20 0.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.83 1.95 -0.01	29.91 1.59 -0.01	27.10 1.44 -0.01	26.31 1.35 -0.01	27.48 1.46 -0.01	29.69 1.49 0.00	35.90 1.71 -0.01	40.38 1.88 -0.02	41.69 1.76 -1.68	38.89 1.58 -1.45	41.90 1.64 -3.80	44.12 1.54 -7.48	44.01 1.55 -6.49	43.77 1.51 -7.05	41.83 1.62 -4.26	43.75 1.62 -6.22	47.92 1.99 -6.22	46.31 2.25 -0.01	47.85 2.54 -0.01	47.20 2.33 -0.01	43.22 2.02 -0.01	38.12 1.66 -1.20	34.29 1.48 -0.01	33.05 1.69 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.83 1.95 -0.01	29.91 1.59 -0.01	27.10 1.44 -0.01	26.31 1.35 -0.01	27.48 1.46 -0.01	29.69 1.49 0.00	35.90 1.71 -0.01	40.38 1.88 -0.02	41.69 1.76 -1.68	38.89 1.58 -1.45	41.90 1.64 -3.80	44.12 1.54 -7.48	44.01 1.55 -6.49	43.77 1.51 -7.05	41.83 1.62 -4.26	43.75 1.62 -6.22	47.92 1.99 -6.22	46.31 2.25 -0.01	47.85 2.54 -0.01	47.20 2.33 -0.01	43.22 2.02 -0.01	38.12 1.66 -1.20	34.29 1.48 -0.01	33.05 1.69 -0.01
ASTORIA_GT2_1 24094	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT2_2 24095	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT2_3 24096	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT2_4 24097	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT3_1 24098	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT3_2 24099	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT3_3 24100	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT3_4 24101	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT4_1 24102	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT4_2 24103	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT4_3 24104	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01

ASTORIA_GT4_4 24105	32.82 1.94 -0.01	29.94 1.61 0.00	27.09 1.44 0.00	26.30 1.35 0.00	27.47 1.46 0.00	29.69 1.49 0.00	35.86 1.67 -0.01	40.38 1.88 -0.03	41.67 1.76 -1.66	38.87 1.58 -1.43	41.84 1.64 -3.75	44.05 1.58 -7.37	43.96 1.58 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.66 1.62 -6.13	47.75 1.91 -6.13	46.31 2.25 -0.02	47.85 2.54 -0.01	47.25 2.38 -0.01	43.10 1.90 -0.01	38.15 1.69 -1.19	34.29 1.48 -0.01	32.99 1.63 -0.01
ASTORIA_GT_1 23523	32.89 2.01 -0.01	29.97 1.64 -0.01	27.15 1.49 -0.01	26.36 1.40 -0.01	27.53 1.51 -0.01	29.74 1.55 0.00	35.96 1.78 -0.01	40.45 1.96 -0.02	41.81 1.87 -1.68	38.96 1.65 -1.45	41.97 1.71 -3.80	44.23 1.65 -7.48	44.12 1.66 -6.49	43.87 1.62 -7.05	41.91 1.69 -4.26	43.82 1.69 -6.22	48.00 2.06 -6.22	46.44 2.38 -0.01	47.99 2.67 -0.01	47.34 2.47 -0.01	43.35 2.14 -0.01	38.23 1.76 -1.20	34.35 1.54 -0.01	33.12 1.75 -0.01
ASTORIA_GT_10 24110	32.73 1.85 -0.01	29.85 1.53 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	35.96 1.78 -0.01	40.54 2.04 -0.03	41.86 1.95 -1.66	39.02 1.72 -1.43	41.99 1.79 -3.75	44.19 1.72 -7.37	44.10 1.73 -6.40	43.84 1.69 -6.95	41.92 1.76 -4.21	43.84 1.80 -6.13	47.91 2.07 -6.13	46.53 2.47 -0.02	47.95 2.63 -0.01	47.39 2.51 -0.01	43.35 2.14 -0.01	38.32 1.87 -1.19	34.32 1.51 -0.01	32.96 1.60 -0.01
ASTORIA_GT_11 24225	32.73 1.85 -0.01	29.85 1.53 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	35.96 1.78 -0.01	40.54 2.04 -0.03	41.86 1.95 -1.66	39.02 1.72 -1.43	41.99 1.79 -3.75	44.19 1.72 -7.37	44.10 1.73 -6.40	43.84 1.69 -6.95	41.92 1.76 -4.21	43.84 1.80 -6.13	47.91 2.07 -6.13	46.53 2.47 -0.02	47.95 2.63 -0.01	47.39 2.51 -0.01	43.35 2.14 -0.01	38.32 1.87 -1.19	34.32 1.51 -0.01	32.96 1.60 -0.01
ASTORIA_GT_12 24226	32.73 1.85 -0.01	29.85 1.53 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	35.96 1.78 -0.01	40.54 2.04 -0.03	41.86 1.95 -1.66	39.02 1.72 -1.43	41.99 1.79 -3.75	44.19 1.72 -7.37	44.10 1.73 -6.40	43.84 1.69 -6.95	41.92 1.76 -4.21	43.84 1.80 -6.13	47.91 2.07 -6.13	46.53 2.47 -0.02	47.95 2.63 -0.01	47.39 2.51 -0.01	43.35 2.14 -0.01	38.32 1.87 -1.19	34.32 1.51 -0.01	32.96 1.60 -0.01
ASTORIA_GT_13 24227	32.73 1.85 -0.01	29.85 1.53 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	35.96 1.78 -0.01	40.54 2.04 -0.03	41.86 1.95 -1.66	39.02 1.72 -1.43	41.99 1.79 -3.75	44.19 1.72 -7.37	44.10 1.73 -6.40	43.84 1.69 -6.95	41.92 1.76 -4.21	43.84 1.80 -6.13	47.91 2.07 -6.13	46.53 2.47 -0.02	47.95 2.63 -0.01	47.39 2.51 -0.01	43.35 2.14 -0.01	38.32 1.87 -1.19	34.32 1.51 -0.01	32.96 1.60 -0.01
ASTORIA_GT_5 24106	32.89 2.01 -0.01	29.99 1.67 0.00	27.12 1.46 0.00	26.35 1.40 0.00	27.52 1.51 0.00	29.74 1.55 0.00	35.93 1.74 -0.01	40.46 1.96 -0.03	41.79 1.87 -1.66	38.94 1.65 -1.43	41.92 1.71 -3.75	44.12 1.65 -7.37	44.03 1.65 -6.40	43.77 1.62 -6.95	41.85 1.69 -4.21	43.76 1.72 -6.13	47.83 1.99 -6.13	46.45 2.38 -0.02	47.99 2.67 -0.01	47.34 2.47 -0.01	43.18 1.98 -0.01	38.22 1.76 -1.19	34.35 1.54 -0.01	33.05 1.69 -0.01
ASTORIA_GT_7 24107	32.89 2.01 -0.01	29.99 1.67 0.00	27.12 1.46 0.00	26.35 1.40 0.00	27.52 1.51 0.00	29.74 1.55 0.00	35.93 1.74 -0.01	40.46 1.96 -0.03	41.79 1.87 -1.66	38.94 1.65 -1.43	41.92 1.71 -3.75	44.12 1.65 -7.37	44.03 1.65 -6.40	43.77 1.62 -6.95	41.85 1.69 -4.21	43.76 1.72 -6.13	47.83 1.99 -6.13	46.45 2.38 -0.02	47.99 2.67 -0.01	47.34 2.47 -0.01	43.18 1.98 -0.01	38.22 1.76 -1.19	34.35 1.54 -0.01	33.05 1.69 -0.01
ASTORIA_GT_8 24108	32.89 2.01 -0.01	29.99 1.67 0.00	27.12 1.46 0.00	26.35 1.40 0.00	27.52 1.51 0.00	29.74 1.55 0.00	35.93 1.74 -0.01	40.46 1.96 -0.03	41.79 1.87 -1.66	38.94 1.65 -1.43	41.92 1.71 -3.75	44.12 1.65 -7.37	44.03 1.65 -6.40	43.77 1.62 -6.95	41.85 1.69 -4.21	43.76 1.72 -6.13	47.83 1.99 -6.13	46.45 2.38 -0.02	47.99 2.67 -0.01	47.34 2.47 -0.01	43.18 1.98 -0.01	38.22 1.76 -1.19	34.35 1.54 -0.01	33.05 1.69 -0.01
ASTORIA___2 24149	32.83 1.95 -0.01	29.94 1.61 -0.01	27.10 1.44 -0.01	26.31 1.35 -0.01	27.48 1.46 -0.01	29.69 1.49 0.00	35.93 1.74 -0.01	40.38 1.88 -0.02	41.73 1.80 -1.68	38.89 1.58 -1.45	41.90 1.64 -3.80	44.16 1.58 -7.48	44.04 1.58 -6.49	43.80 1.55 -7.05	41.83 1.62 -4.26	43.75 1.62 -6.22	47.92 1.99 -6.22	46.35 2.29 -0.01	47.90 2.58 -0.01	47.25 2.38 -0.01	43.26 2.06 -0.01	38.16 1.69 -1.20	34.29 1.48 -0.01	33.05 1.69 -0.01
ASTORIA___3 23516	32.73 1.85 -0.01	29.85 1.53 0.00	27.01 1.36 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	36.00 1.81 -0.01	40.54 2.04 -0.03	41.89 1.95 -1.69	39.04 1.72 -1.46	42.08 1.82 -3.81	44.31 1.72 -7.49	44.20 1.73 -6.50	43.95 1.69 -7.06	41.98 1.76 -4.27	43.93 1.79 -6.23	48.13 2.18 -6.23	46.58 2.51 -0.02	47.94 2.63 -0.01	47.38 2.51 -0.01	43.39 2.18 -0.01	38.34 1.87 -1.21	34.32 1.51 -0.01	32.99 1.63 -0.01
ASTORIA___4 23517	32.73 1.85 -0.01	29.85 1.53 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	35.96 1.78 -0.01	40.54 2.04 -0.03	41.86 1.95 -1.66	39.02 1.72 -1.43	41.99 1.79 -3.75	44.19 1.72 -7.37	44.10 1.73 -6.40	43.84 1.69 -6.95	41.92 1.76 -4.21	43.84 1.80 -6.13	47.91 2.07 -6.13	46.53 2.47 -0.02	47.95 2.63 -0.01	47.39 2.51 -0.01	43.35 2.14 -0.01	38.32 1.87 -1.19	34.32 1.51 -0.01	32.96 1.60 -0.01
ASTORIA___5 23518	32.73 1.85 -0.01	29.85 1.53 0.00	27.01 1.36 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	36.00 1.81 -0.01	40.54 2.04 -0.03	41.89 1.95 -1.69	39.04 1.72 -1.46	42.08 1.82 -3.81	44.31 1.72 -7.49	44.20 1.73 -6.50	43.95 1.69 -7.06	41.98 1.76 -4.27	43.93 1.79 -6.23	48.13 2.18 -6.23	46.58 2.51 -0.02	47.94 2.63 -0.01	47.38 2.51 -0.01	43.39 2.18 -0.01	38.34 1.87 -1.21	34.32 1.51 -0.01	32.99 1.63 -0.01
AST_ENERGY_2_CC3 323677	32.67 1.79 -0.01	29.76 1.44 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.32 1.30 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.65 2.15 -0.03	41.92 2.03 -1.64	39.10 1.83 -1.41	42.01 1.86 -3.70	44.13 1.75 -7.27	44.08 1.80 -6.32	43.78 1.72 -6.86	41.94 1.83 -4.15	43.79 1.83 -6.05	47.98 2.22 -6.04	46.62 2.55 -0.02	47.94 2.63 -0.01	47.43 2.56 -0.01	43.47 2.26 -0.01	38.34 1.90 -1.17	34.32 1.51 -0.01	32.90 1.54 -0.01
AST_ENERGY_2_CC4 323678	32.67 1.79 -0.01	29.76 1.44 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.32 1.30 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.65 2.15 -0.03	41.92 2.03 -1.64	39.10 1.83 -1.41	42.01 1.86 -3.70	44.13 1.75 -7.27	44.08 1.80 -6.32	43.78 1.72 -6.86	41.94 1.83 -4.15	43.79 1.83 -6.05	47.98 2.22 -6.04	46.62 2.55 -0.02	47.94 2.63 -0.01	47.43 2.56 -0.01	43.47 2.26 -0.01	38.34 1.90 -1.17	34.32 1.51 -0.01	32.90 1.54 -0.01

ATHENS_STG_1 23668	31.64 0.77 0.00	29.06 0.74 0.00	26.32 0.67 0.00	25.58 0.62 0.00	26.69 0.68 0.00	28.87 0.68 0.00	34.90 0.72 0.00	39.31 0.85 0.00	38.94 0.69 0.00	36.47 0.61 0.00	37.03 0.58 0.00	35.66 0.56 0.00	36.55 0.54 -0.04	35.74 0.49 -0.04	36.64 0.57 -0.11	36.52 0.61 0.00	40.51 0.79 0.00	45.02 0.97 0.00	46.35 1.04 0.00	45.85 0.99 0.00	42.02 0.82 0.00	35.97 0.71 0.00	33.29 0.49 0.00	31.92 0.56 0.00
ATHENS_STG_2 23670	31.64 0.77 0.00	29.06 0.74 0.00	26.32 0.67 0.00	25.58 0.62 0.00	26.69 0.68 0.00	28.87 0.68 0.00	34.90 0.72 0.00	39.31 0.85 0.00	38.94 0.69 0.00	36.47 0.61 0.00	37.03 0.58 0.00	35.66 0.56 0.00	36.55 0.54 -0.04	35.74 0.49 -0.04	36.64 0.57 -0.11	36.52 0.61 0.00	40.51 0.79 0.00	45.02 0.97 0.00	46.35 1.04 0.00	45.85 0.99 0.00	42.02 0.82 0.00	35.97 0.71 0.00	33.29 0.49 0.00	31.92 0.56 0.00
ATHENS_STG_3 23677	31.64 0.77 0.00	29.06 0.74 0.00	26.32 0.67 0.00	25.58 0.62 0.00	26.69 0.68 0.00	28.87 0.68 0.00	34.90 0.72 0.00	39.31 0.85 0.00	38.94 0.69 0.00	36.47 0.61 0.00	37.03 0.58 0.00	35.66 0.56 0.00	36.55 0.54 -0.04	35.74 0.49 -0.04	36.64 0.57 -0.11	36.52 0.61 0.00	40.51 0.79 0.00	45.02 0.97 0.00	46.35 1.04 0.00	45.85 0.99 0.00	42.02 0.82 0.00	35.97 0.71 0.00	33.29 0.49 0.00	31.92 0.56 0.00
AUBURN___LFGE 323710	31.09 0.22 0.00	28.43 0.11 0.00	25.78 0.13 0.00	25.08 0.12 0.00	26.15 0.13 0.00	28.42 0.23 0.00	34.59 0.41 0.00	38.89 0.42 0.00	38.64 0.38 0.00	36.29 0.43 0.00	36.96 0.51 0.00	35.63 0.53 0.00	36.58 0.61 0.00	35.84 0.63 0.00	36.53 0.58 0.00	36.45 0.54 0.00	40.43 0.71 0.00	44.80 0.75 0.00	45.99 0.68 0.00	45.49 0.63 0.00	41.77 0.58 0.00	35.72 0.46 0.00	33.49 0.69 0.00	31.82 0.47 0.00
BABYLON_RES_REC 323704	35.36 2.07 -2.42	30.50 1.73 -0.45	29.35 1.54 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.50 2.19 -2.13	41.86 2.62 -0.77	40.74 2.49 0.00	40.07 2.22 -1.99	38.79 2.34 0.00	40.67 2.21 -3.35	38.68 2.23 -0.48	39.00 2.22 -1.58	38.58 2.34 -0.29	39.04 2.37 -0.76	43.79 2.78 -1.30	47.31 3.26 0.00	48.62 3.31 0.00	48.14 3.27 0.00	44.12 2.93 0.00	39.71 2.43 -2.01	35.51 1.84 -0.87	33.20 1.85 0.00
BABYLON__69_KV_BK2 356345	35.51 2.22 -2.42	30.64 1.87 -0.45	29.51 1.69 -2.16	28.03 1.57 -1.50	29.29 1.66 -1.61	34.57 1.86 -4.52	38.74 2.43 -2.13	42.13 2.89 -0.77	41.01 2.75 0.00	40.33 2.47 -1.99	39.11 2.66 0.00	41.02 2.56 -3.35	39.04 2.59 -0.48	39.35 2.57 -1.58	38.83 2.59 -0.29	39.40 2.73 -0.76	44.19 3.18 -1.30	47.88 3.83 0.00	49.25 3.94 0.00	48.86 3.99 0.00	44.29 3.09 0.00	40.10 2.82 -2.01	35.81 2.13 -0.87	33.42 2.07 0.00
BALL_HILL_WT_PWR 323825	29.55 -1.33 0.00	26.85 -1.47 0.00	24.40 -1.26 0.00	23.70 -1.25 0.00	24.74 -1.27 0.00	27.07 -1.13 0.00	32.88 -1.30 0.00	36.39 -2.08 0.00	36.34 -1.91 0.00	34.43 -1.44 0.00	35.29 -1.17 0.00	34.16 -0.95 0.00	35.43 -0.54 0.00	34.96 -0.24 0.00	35.20 -0.76 0.00	34.87 -1.04 0.00	39.00 -0.71 0.00	43.04 -1.01 0.00	43.82 -1.49 0.00	43.39 -1.48 0.00	40.04 -1.15 0.00	34.00 -1.27 0.00	32.90 0.10 0.00	31.32 -0.03 0.00
BARON_WINDS___WT_PWR 323822	29.48 -1.39 0.00	26.91 -1.42 0.00	24.48 -1.18 0.00	23.78 -1.17 0.00	24.82 -1.20 0.00	27.09 -1.10 0.00	32.98 -1.20 0.00	37.05 -1.42 0.00	36.88 -1.38 0.00	34.79 -1.07 0.00	35.54 -0.91 0.00	34.37 -0.74 0.00	35.50 -0.47 0.00	34.96 -0.24 0.00	35.42 -0.54 0.00	35.26 -0.65 0.00	39.36 -0.36 0.00	43.61 -0.44 0.00	44.54 -0.77 0.00	44.06 -0.81 0.00	40.58 -0.62 0.00	34.59 -0.67 0.00	32.93 0.13 0.00	31.38 0.03 0.00
BARRETT_IC_1 23704	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT_IC_10 23701	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT_IC_11 23702	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT_IC_12 23703	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT_IC_2 23705	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT_IC_3 23706	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT_IC_4 23707	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00

BARRETT_IC_5 23708	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT_IC_6 23709	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT_IC_7 23710	35.36 2.07 -2.42	30.53 1.76 -0.45	29.33 1.51 -2.16	27.88 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.40 2.14 0.00	39.82 1.97 -1.99	38.42 1.97 0.00	40.35 1.90 -3.35	38.39 1.94 -0.48	38.65 1.87 -1.58	38.15 1.91 -0.29	38.61 1.94 -0.76	43.16 2.14 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.47 2.60 0.00	43.22 2.02 0.00	39.32 2.05 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT_IC_8 23711	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT_IC_9 23700	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT___1 23545	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BARRETT___2 23546	35.36 2.07 -2.42	30.50 1.73 -0.45	29.33 1.51 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.29 1.98 -2.13	41.47 2.23 -0.77	40.32 2.06 0.00	39.75 1.90 -1.99	38.28 1.82 0.00	40.21 1.75 -3.35	38.25 1.80 -0.48	38.51 1.72 -1.58	38.08 1.83 -0.29	38.50 1.83 -0.76	43.24 2.22 -1.30	46.61 2.55 0.00	47.89 2.58 0.00	47.42 2.56 0.00	43.42 2.22 0.00	39.18 1.90 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
BATAVIA___115KV_TB1 55881	30.16 -0.71 0.00	27.27 -1.05 0.00	24.89 -0.77 0.00	24.18 -0.77 0.00	25.16 -0.86 0.00	27.49 -0.70 0.00	33.39 -0.79 0.00	36.93 -1.54 0.00	36.76 -1.49 0.00	34.89 -0.97 0.00	35.65 -0.80 0.00	34.44 -0.67 0.00	35.68 -0.29 0.00	35.27 0.07 0.00	35.56 -0.40 0.00	35.26 -0.65 0.00	39.28 -0.44 0.00	43.52 -0.53 0.00	44.45 -0.86 0.00	43.88 -0.99 0.00	40.62 -0.58 0.00	34.38 -0.88 0.00	33.29 0.49 0.00	31.60 0.25 0.00
BAYONEEC___CTG1 323682	32.64 1.76 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.96 1.78 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.07 1.79 -1.41	41.97 1.82 -3.70	44.09 1.72 -7.27	44.05 1.76 -6.32	43.75 1.69 -6.86	41.90 1.80 -4.15	43.75 1.79 -6.05	47.91 2.14 -6.05	46.58 2.51 -0.02	47.85 2.54 -0.01	47.38 2.51 -0.01	43.43 2.22 -0.01	38.34 1.90 -1.17	34.29 1.48 -0.01	32.87 1.50 -0.01
BAYONEEC___CTG10 323750	32.64 1.76 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.96 1.78 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.07 1.79 -1.41	41.97 1.82 -3.70	44.09 1.72 -7.27	44.05 1.76 -6.32	43.75 1.69 -6.86	41.90 1.80 -4.15	43.75 1.79 -6.05	47.91 2.14 -6.05	46.58 2.51 -0.02	47.85 2.54 -0.01	47.38 2.51 -0.01	43.43 2.22 -0.01	38.34 1.90 -1.17	34.29 1.48 -0.01	32.87 1.50 -0.01
BAYONEEC___CTG2 323683	32.64 1.76 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.96 1.78 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.07 1.79 -1.41	41.97 1.82 -3.70	44.09 1.72 -7.27	44.05 1.76 -6.32	43.75 1.69 -6.86	41.90 1.80 -4.15	43.75 1.79 -6.05	47.91 2.14 -6.05	46.58 2.51 -0.02	47.85 2.54 -0.01	47.38 2.51 -0.01	43.43 2.22 -0.01	38.34 1.90 -1.17	34.29 1.48 -0.01	32.87 1.50 -0.01
BAYONEEC___CTG3 323684	32.64 1.76 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.96 1.78 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.07 1.79 -1.41	41.97 1.82 -3.70	44.09 1.72 -7.27	44.05 1.76 -6.32	43.75 1.69 -6.86	41.90 1.80 -4.15	43.75 1.79 -6.05	47.91 2.14 -6.05	46.58 2.51 -0.02	47.85 2.54 -0.01	47.38 2.51 -0.01	43.43 2.22 -0.01	38.34 1.90 -1.17	34.29 1.48 -0.01	32.87 1.50 -0.01
BAYONEEC___CTG4 323685	32.64 1.76 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.96 1.78 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.07 1.79 -1.41	41.97 1.82 -3.70	44.09 1.72 -7.27	44.05 1.76 -6.32	43.75 1.69 -6.86	41.90 1.80 -4.15	43.75 1.79 -6.05	47.91 2.14 -6.05	46.58 2.51 -0.02	47.85 2.54 -0.01	47.38 2.51 -0.01	43.43 2.22 -0.01	38.34 1.90 -1.17	34.29 1.48 -0.01	32.87 1.50 -0.01
BAYONEEC___CTG5 323686	32.64 1.76 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.96 1.78 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.07 1.79 -1.41	41.97 1.82 -3.70	44.09 1.72 -7.27	44.05 1.76 -6.32	43.75 1.69 -6.86	41.90 1.80 -4.15	43.75 1.79 -6.05	47.91 2.14 -6.05	46.58 2.51 -0.02	47.85 2.54 -0.01	47.38 2.51 -0.01	43.43 2.22 -0.01	38.34 1.90 -1.17	34.29 1.48 -0.01	32.87 1.50 -0.01
BAYONEEC___CTG6 323687	32.64 1.76 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.96 1.78 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.07 1.79 -1.41	41.97 1.82 -3.70	44.09 1.72 -7.27	44.05 1.76 -6.32	43.75 1.69 -6.86	41.90 1.80 -4.15	43.75 1.79 -6.05	47.91 2.14 -6.05	46.58 2.51 -0.02	47.85 2.54 -0.01	47.38 2.51 -0.01	43.43 2.22 -0.01	38.34 1.90 -1.17	34.29 1.48 -0.01	32.87 1.50 -0.01

BAYONEEC___CTG7 323688	32.64 1.76 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.96 1.78 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.07 1.79 -1.41	41.97 1.82 -3.70	44.09 1.72 -7.27	44.05 1.76 -6.32	43.75 1.69 -6.86	41.90 1.80 -4.15	43.75 1.79 -6.05	47.91 2.14 -6.05	46.58 2.51 -0.02	47.85 2.54 -0.01	47.38 2.51 -0.01	43.43 2.22 -0.01	38.34 1.90 -1.17	34.29 1.48 -0.01	32.87 1.50 -0.01
BAYONEEC___CTG8 323689	32.64 1.76 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.96 1.78 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.07 1.79 -1.41	41.97 1.82 -3.70	44.09 1.72 -7.27	44.05 1.76 -6.32	43.75 1.69 -6.86	41.90 1.80 -4.15	43.75 1.79 -6.05	47.91 2.14 -6.05	46.58 2.51 -0.02	47.85 2.54 -0.01	47.38 2.51 -0.01	43.43 2.22 -0.01	38.34 1.90 -1.17	34.29 1.48 -0.01	32.87 1.50 -0.01
BAYONEEC___CTG9 323749	32.64 1.76 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.96 1.78 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.07 1.79 -1.41	41.97 1.82 -3.70	44.09 1.72 -7.27	44.05 1.76 -6.32	43.75 1.69 -6.86	41.90 1.80 -4.15	43.75 1.79 -6.05	47.91 2.14 -6.05	46.58 2.51 -0.02	47.85 2.54 -0.01	47.38 2.51 -0.01	43.43 2.22 -0.01	38.34 1.90 -1.17	34.29 1.48 -0.01	32.87 1.50 -0.01
BEACON___LESR 323632	31.61 0.74 0.00	29.00 0.68 0.00	26.32 0.67 0.00	25.60 0.65 0.00	26.69 0.68 0.00	28.96 0.76 0.00	35.03 0.85 0.00	39.43 0.96 0.00	39.09 0.84 0.00	36.58 0.72 0.00	37.14 0.69 0.00	35.70 0.60 0.00	36.46 0.57 0.09	35.56 0.46 0.10	36.24 0.54 0.25	36.52 0.61 0.00	40.51 0.79 0.00	45.20 1.14 0.00	46.67 1.36 0.00	46.12 1.25 0.00	42.18 0.99 0.00	36.08 0.81 0.00	33.36 0.56 0.00	31.95 0.59 0.00
BEAVER RIVER___HYD 24048	25.56 0.37 5.68	23.45 0.34 5.21	21.65 0.28 4.29	21.32 0.27 3.91	22.11 0.29 4.19	23.84 0.42 4.78	31.42 0.75 3.51	35.17 0.89 4.19	39.06 0.80 0.00	36.69 0.83 0.00	35.49 0.66 1.62	31.89 0.56 3.77	35.00 0.47 1.44	34.57 0.49 1.13	34.67 0.50 1.79	35.45 0.43 0.89	40.01 0.51 0.22	37.69 0.44 6.80	37.71 0.77 8.37	37.53 0.72 8.05	34.22 0.62 7.60	29.34 0.60 6.53	27.41 0.59 5.98	26.03 0.44 5.76
BEEBEE_GT_13 23619	30.16 -0.71 0.00	27.39 -0.93 0.00	24.94 -0.72 0.00	24.23 -0.72 0.00	25.23 -0.78 0.00	27.49 -0.70 0.00	33.39 -0.79 0.00	37.08 -1.38 0.00	36.95 -1.30 0.00	35.04 -0.82 0.00	35.76 -0.69 0.00	34.54 -0.56 0.00	35.68 -0.29 0.00	35.13 -0.07 0.00	35.56 -0.40 0.00	35.37 -0.54 0.00	39.28 -0.44 0.00	43.52 -0.53 0.00	44.49 -0.82 0.00	43.88 -0.99 0.00	40.58 -0.62 0.00	34.45 -0.81 0.00	33.03 0.23 0.00	31.35 0.00 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.05 2.16 -0.02	30.11 1.78 0.00	27.22 1.56 0.00	26.40 1.45 0.00	27.63 1.61 0.00	29.89 1.69 0.00	36.31 2.12 -0.01	40.81 2.31 -0.03	42.13 2.22 -1.66	39.27 1.97 -1.43	42.32 2.11 -3.75	44.48 2.00 -7.37	44.42 2.05 -6.40	44.16 2.01 -6.95	42.21 2.05 -4.21	44.12 2.08 -6.13	48.27 2.42 -6.13	46.93 2.86 -0.02	48.31 2.99 -0.01	47.79 2.92 -0.01	43.76 2.55 -0.01	38.71 2.26 -1.19	34.69 1.87 -0.02	33.31 1.94 -0.02
BETHLEHEM___GRP 23843	31.09 0.22 0.00	28.55 0.23 0.00	25.89 0.23 0.00	25.18 0.22 0.00	26.25 0.23 0.00	28.45 0.25 0.00	34.38 0.21 0.00	38.74 0.27 0.00	38.37 0.11 0.00	35.90 0.04 0.00	36.45 0.00 0.00	35.07 -0.04 0.00	35.82 -0.07 0.08	34.97 -0.14 0.09	35.65 -0.07 0.23	35.91 0.00 0.00	39.80 0.08 0.00	44.36 0.31 0.00	45.72 0.41 0.00	45.22 0.36 0.00	41.40 0.21 0.00	35.41 0.14 0.00	32.77 -0.03 0.00	31.42 0.06 0.00
BETHLEHEM___GS1 323560	31.09 0.22 0.00	28.55 0.23 0.00	25.89 0.23 0.00	25.18 0.22 0.00	26.25 0.23 0.00	28.45 0.25 0.00	34.42 0.24 0.00	38.74 0.27 0.00	38.37 0.12 0.00	35.90 0.04 0.00	36.45 0.00 0.00	35.07 -0.04 0.00	35.82 -0.07 0.08	34.97 -0.14 0.09	35.65 -0.07 0.23	35.91 0.00 0.00	39.84 0.12 0.00	44.32 0.27 0.00	45.72 0.41 0.00	45.22 0.36 0.00	41.40 0.21 0.00	35.41 0.14 0.00	32.77 -0.03 0.00	31.42 0.06 0.00
BETHLEHEM___GS2 323561	31.09 0.22 0.00	28.55 0.23 0.00	25.89 0.23 0.00	25.18 0.22 0.00	26.25 0.23 0.00	28.45 0.25 0.00	34.42 0.24 0.00	38.74 0.27 0.00	38.37 0.12 0.00	35.90 0.04 0.00	36.45 0.00 0.00	35.07 -0.04 0.00	35.82 -0.07 0.08	34.97 -0.14 0.09	35.65 -0.07 0.23	35.91 0.00 0.00	39.84 0.12 0.00	44.32 0.27 0.00	45.72 0.41 0.00	45.22 0.36 0.00	41.40 0.21 0.00	35.41 0.14 0.00	32.77 -0.03 0.00	31.42 0.06 0.00
BETHLEHEM___GS3 323562	31.09 0.22 0.00	28.55 0.23 0.00	25.89 0.23 0.00	25.18 0.22 0.00	26.25 0.23 0.00	28.45 0.25 0.00	34.42 0.24 0.00	38.74 0.27 0.00	38.37 0.12 0.00	35.90 0.04 0.00	36.45 0.00 0.00	35.07 -0.04 0.00	35.82 -0.07 0.08	34.97 -0.14 0.09	35.65 -0.07 0.23	35.91 0.00 0.00	39.84 0.12 0.00	44.32 0.27 0.00	45.72 0.41 0.00	45.22 0.36 0.00	41.40 0.21 0.00	35.41 0.14 0.00	32.77 -0.03 0.00	31.42 0.06 0.00
BETHLEHEM___STEEL 23779	29.64 -1.23 0.00	26.85 -1.47 0.00	24.45 -1.21 0.00	23.78 -1.17 0.00	24.82 -1.20 0.00	27.12 -1.07 0.00	32.88 -1.30 0.00	36.32 -2.15 0.00	36.19 -2.07 0.00	34.25 -1.61 0.00	35.14 -1.31 0.00	33.98 -1.12 0.00	35.21 -0.76 0.00	34.82 -0.39 0.00	35.06 -0.90 0.00	34.65 -1.26 0.00	38.72 -0.99 0.00	42.73 -1.32 0.00	43.59 -1.72 0.00	43.03 -1.84 0.00	39.88 -1.32 0.00	33.75 -1.52 0.00	32.77 -0.03 0.00	31.20 -0.16 0.00
BETHLHEM_115KV_TB1 79974	31.15 0.28 0.00	28.63 0.31 0.00	25.96 0.31 0.00	25.25 0.30 0.00	26.33 0.31 0.00	28.50 0.31 0.00	34.45 0.27 0.00	38.82 0.35 0.00	38.44 0.19 0.00	36.01 0.14 0.00	36.56 0.11 0.00	35.17 0.07 0.00	35.93 0.04 0.08	35.08 -0.04 0.09	35.77 0.04 0.22	36.02 0.11 0.00	39.92 0.20 0.00	44.45 0.40 0.00	45.85 0.54 0.00	45.31 0.45 0.00	41.49 0.29 0.00	35.51 0.25 0.00	32.87 0.07 0.00	31.51 0.16 0.00
BETHPAGE_CC_5 323564	35.27 1.98 -2.42	30.47 1.70 -0.45	29.28 1.46 -2.16	27.85 1.40 -1.50	29.10 1.48 -1.61	34.34 1.63 -4.52	38.36 2.05 -2.13	41.63 2.39 -0.77	40.51 2.26 0.00	39.86 2.01 -1.99	38.53 2.08 0.00	40.42 1.96 -3.35	38.43 1.98 -0.48	38.72 1.93 -1.58	38.29 2.05 -0.29	38.71 2.05 -0.76	43.48 2.46 -1.30	46.91 2.86 0.00	48.21 2.90 0.00	47.69 2.83 0.00	43.71 2.51 0.00	39.43 2.15 -2.01	35.31 1.64 -0.87	33.08 1.72 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.67 -1.20 0.00	26.88 -1.44 0.00	24.47 -1.18 0.00	23.80 -1.15 0.00	24.84 -1.17 0.00	27.15 -1.04 0.00	32.95 -1.23 0.00	36.43 -2.04 0.00	36.30 -1.95 0.00	34.39 -1.47 0.00	35.25 -1.20 0.00	34.09 -1.02 0.00	35.36 -0.61 0.00	34.96 -0.25 0.00	35.16 -0.79 0.00	34.76 -1.15 0.00	38.88 -0.83 0.00	42.91 -1.15 0.00	43.72 -1.59 0.00	43.21 -1.66 0.00	40.00 -1.19 0.00	33.89 -1.38 0.00	32.83 0.03 0.00	31.29 -0.06 0.00

BINGHAMTON___COGEN 23790	30.90 0.03 0.00	28.29 -0.03 0.00	25.68 0.03 0.00	24.98 0.02 0.00	26.04 0.03 0.00	28.31 0.11 0.00	34.42 0.24 0.00	38.74 0.27 0.00	38.41 0.15 0.00	36.08 0.22 0.00	36.74 0.29 0.00	35.42 0.32 0.00	36.40 0.43 0.00	35.70 0.49 0.00	36.39 0.43 0.00	36.23 0.32 0.00	40.31 0.60 0.00	44.67 0.62 0.00	45.85 0.54 0.00	45.36 0.49 0.00	41.65 0.45 0.00	35.62 0.35 0.00	33.36 0.56 0.00	31.79 0.44 0.00
BIXINCNT_115KV_LOAD 355685	28.99 -1.88 0.00	26.31 -2.01 0.00	23.94 -1.72 0.00	23.30 -1.65 0.00	24.40 -1.61 0.00	26.73 -1.47 0.00	32.57 -1.61 0.00	36.39 -2.08 0.00	36.19 -2.07 0.00	34.28 -1.58 0.00	35.21 -1.24 0.00	34.12 -0.98 0.00	35.32 -0.65 0.00	34.96 -0.25 0.00	35.16 -0.79 0.00	34.76 -1.15 0.00	39.04 -0.68 0.00	43.17 -0.88 0.00	44.04 -1.27 0.00	43.56 -1.30 0.00	40.13 -1.07 0.00	33.85 -1.41 0.00	32.74 -0.07 0.00	31.26 -0.09 0.00
BLACK RIVER___HYD 24047	27.73 0.86 4.01	25.41 0.76 3.67	23.32 0.69 3.02	22.87 0.67 2.76	23.73 0.68 2.96	25.70 0.87 3.37	33.14 1.44 2.47	37.17 1.65 2.95	39.74 1.49 0.00	37.40 1.54 0.00	36.59 1.28 1.14	33.64 1.19 2.66	36.11 1.15 1.01	35.57 1.16 0.80	35.84 1.15 1.26	36.33 1.04 0.62	40.79 1.23 0.16	40.58 1.32 4.80	41.17 1.77 5.90	40.94 1.75 5.68	37.40 1.57 5.36	32.04 1.37 4.60	29.90 1.31 4.22	28.36 1.07 4.06
BLACKRVR_115KV_TB2 79977	27.73 0.86 4.01	25.41 0.76 3.67	23.32 0.69 3.02	22.87 0.67 2.76	23.73 0.68 2.96	25.70 0.87 3.37	33.14 1.44 2.47	37.17 1.65 2.95	39.75 1.49 0.00	37.40 1.54 0.00	36.59 1.28 1.14	33.64 1.19 2.66	36.11 1.15 1.01	35.57 1.16 0.80	35.84 1.15 1.26	36.32 1.04 0.62	40.79 1.23 0.16	40.58 1.32 4.80	41.09 1.68 5.90	40.94 1.75 5.68	37.40 1.57 5.36	32.04 1.38 4.60	29.90 1.31 4.22	28.36 1.07 4.06
BLISS_WT_PWR 323608	28.74 -2.13 0.00	26.17 -2.15 0.00	23.76 -1.90 0.00	23.13 -1.82 0.00	24.22 -1.79 0.00	26.53 -1.66 0.00	32.37 -1.81 0.00	36.24 -2.23 0.00	36.03 -2.22 0.00	34.14 -1.72 0.00	35.11 -1.35 0.00	34.02 -1.09 0.00	35.21 -0.76 0.00	34.82 -0.39 0.00	34.95 -1.01 0.00	34.65 -1.26 0.00	38.92 -0.79 0.00	43.08 -0.97 0.00	43.86 -1.45 0.00	43.47 -1.39 0.00	39.88 -1.32 0.00	33.75 -1.52 0.00	32.67 -0.13 0.00	31.23 -0.12 0.00
BLUESTONE___WT_PWR 323821	32.45 1.57 0.00	29.71 1.39 0.00	26.91 1.26 0.00	26.17 1.22 0.00	27.29 1.27 0.00	29.69 1.49 0.00	36.30 2.12 0.00	40.78 2.31 0.00	40.47 2.22 0.00	38.23 2.37 0.00	38.71 2.26 0.00	37.39 2.28 0.00	38.24 2.27 0.00	37.53 2.32 0.00	38.26 2.30 0.00	38.06 2.15 0.00	42.30 2.58 0.00	46.91 2.86 0.00	48.48 3.17 0.00	47.87 3.01 0.00	43.92 2.72 0.00	37.52 2.26 0.00	35.03 2.23 0.00	33.30 1.94 0.00
BLUE_CIRC_CHEM_DRP 24182	31.52 0.65 0.00	28.97 0.65 0.00	26.30 0.64 0.00	25.57 0.62 0.00	26.64 0.62 0.00	28.84 0.65 0.00	34.86 0.68 0.00	39.20 0.73 0.00	38.83 0.57 0.00	36.33 0.47 0.00	36.89 0.44 0.00	35.49 0.39 0.00	36.24 0.32 0.06	35.39 0.25 0.06	36.12 0.32 0.16	36.34 0.43 0.00	40.27 0.56 0.00	44.93 0.88 0.00	46.31 1.00 0.00	45.85 0.99 0.00	41.98 0.78 0.00	35.90 0.63 0.00	33.29 0.49 0.00	31.89 0.53 0.00
BOC_GAS_DRP 24189	31.40 0.52 0.00	28.83 0.51 0.00	26.14 0.49 0.00	25.43 0.47 0.00	26.51 0.49 0.00	28.67 0.48 0.00	34.69 0.51 0.00	39.05 0.58 0.00	38.71 0.46 0.00	36.22 0.36 0.00	36.82 0.36 0.00	35.42 0.32 0.00	36.21 0.29 0.05	35.39 0.25 0.06	36.10 0.29 0.14	36.27 0.36 0.00	40.19 0.48 0.00	44.71 0.66 0.00	46.08 0.77 0.00	45.58 0.72 0.00	41.73 0.54 0.00	35.72 0.46 0.00	33.10 0.30 0.00	31.73 0.38 0.00
BOONVILLE_115KV_TB1 79983	30.16 0.74 1.46	27.64 0.65 1.33	25.15 0.59 1.10	24.52 0.57 1.00	25.54 0.60 1.07	27.67 0.70 1.22	34.30 1.03 0.90	38.55 1.15 1.07	39.36 1.11 0.00	37.01 1.15 0.00	37.10 1.06 0.41	35.16 1.02 0.97	36.54 0.94 0.37	35.90 0.99 0.29	36.50 1.01 0.46	36.58 0.90 0.23	40.73 1.07 0.06	43.45 1.15 1.74	44.52 1.36 2.14	44.15 1.35 2.06	40.44 1.19 1.95	34.61 1.02 1.67	32.22 0.95 1.53	30.69 0.82 1.48
BORALEX_4TH_BRANCH 23824	32.08 1.20 0.00	29.48 1.16 0.00	26.81 1.15 0.00	26.10 1.15 0.00	27.19 1.17 0.00	29.55 1.35 0.00	35.58 1.40 0.00	40.09 1.62 0.00	39.52 1.26 0.00	36.94 1.08 0.00	37.51 1.06 0.00	36.05 0.95 0.00	36.63 0.86 0.20	35.78 0.81 0.23	36.22 0.86 0.60	36.91 1.01 0.00	40.95 1.23 0.00	45.77 1.72 0.00	47.35 2.04 0.00	46.70 1.84 0.00	42.72 1.52 0.00	36.50 1.23 0.00	33.85 1.05 0.00	32.54 1.19 0.00
BOWLINE___1 23526	32.32 1.45 0.00	29.54 1.22 0.00	26.60 0.95 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.26 1.07 0.00	35.51 1.33 0.00	40.08 1.62 0.00	39.74 1.49 0.00	37.19 1.33 0.00	37.80 1.35 0.00	36.40 1.30 0.00	37.36 1.29 -0.09	36.57 1.27 -0.11	37.59 1.37 -0.27	37.27 1.36 0.00	41.38 1.67 0.00	46.04 1.98 0.00	47.30 1.99 0.00	46.84 1.97 0.00	42.89 1.69 0.00	36.68 1.41 0.00	33.85 1.05 0.00	32.48 1.13 0.00
BOWLINE___2 23595	32.32 1.45 0.00	29.54 1.22 0.00	26.60 0.95 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.26 1.07 0.00	35.51 1.33 0.00	40.08 1.62 0.00	39.74 1.49 0.00	37.19 1.33 0.00	37.80 1.35 0.00	36.40 1.30 0.00	37.36 1.29 -0.09	36.57 1.27 -0.11	37.59 1.37 -0.27	37.27 1.36 0.00	41.38 1.67 0.00	46.04 1.98 0.00	47.30 1.99 0.00	46.84 1.97 0.00	42.89 1.69 0.00	36.68 1.41 0.00	33.85 1.05 0.00	32.48 1.13 0.00
BRADY___115KV_TB2 356060	12.01 -0.49 18.37	11.06 -0.42 16.84	11.39 -0.41 13.86	11.94 -0.37 12.64	12.04 -0.42 13.55	12.33 -0.42 15.44	22.39 -0.44 11.35	24.44 -0.50 13.53	37.79 -0.46 0.00	35.39 -0.47 0.01	30.64 -0.58 5.23	22.32 -0.60 12.19	30.67 -0.65 4.65	30.92 -0.63 3.65	29.52 -0.65 5.79	32.40 -0.65 2.86	38.17 -0.83 0.71	20.96 -1.10 21.99	17.13 -1.13 27.05	17.86 -0.99 26.02	15.76 -0.87 24.57	13.43 -0.74 21.10	12.82 -0.66 19.33	12.14 -0.60 18.62
BRANSCOMB___SOLAR 323811	32.38 1.51 0.00	29.74 1.42 0.00	26.99 1.33 0.00	26.25 1.30 0.00	27.37 1.35 0.00	29.72 1.52 0.00	35.92 1.74 0.00	40.32 1.85 0.00	39.93 1.68 0.00	37.44 1.58 0.00	38.06 1.60 0.00	36.61 1.51 0.00	37.30 1.44 0.11	36.38 1.30 0.12	37.01 1.37 0.31	37.42 1.51 0.00	41.51 1.79 0.00	46.38 2.33 0.00	47.89 2.58 0.00	47.33 2.47 0.00	43.30 2.10 0.00	36.99 1.73 0.00	34.24 1.44 0.00	32.80 1.44 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.33 2.04 -2.42	30.47 1.70 -0.45	29.33 1.51 -2.16	27.85 1.40 -1.50	29.13 1.51 -1.61	34.37 1.66 -4.52	38.50 2.19 -2.13	41.93 2.69 -0.77	40.78 2.52 0.00	40.11 2.26 -1.99	38.86 2.41 0.00	40.81 2.35 -3.35	38.79 2.34 -0.48	39.14 2.36 -1.58	38.58 2.34 -0.29	39.14 2.48 -0.76	43.91 2.90 -1.30	47.58 3.52 0.00	48.93 3.62 0.00	48.50 3.63 0.00	43.96 2.76 0.00	39.85 2.57 -2.01	35.58 1.90 -0.87	33.23 1.88 0.00

BRISTLHL_115KV_TB1 79998	30.87 0.68 0.68	28.27 0.57 0.62	25.66 0.51 0.51	24.98 0.50 0.47	26.06 0.55 0.50	28.27 0.65 0.57	34.75 0.99 0.42	39.09 1.12 0.50	39.32 1.07 0.00	36.90 1.04 0.00	37.35 1.09 0.19	35.74 1.09 0.45	36.99 1.19 0.17	36.19 1.13 0.13	36.89 1.15 0.21	36.84 1.04 0.11	40.96 1.27 0.03	44.61 1.37 0.81	45.67 1.36 1.00	45.25 1.35 0.96	41.49 1.19 0.91	35.54 1.06 0.78	33.20 1.12 0.71	31.54 0.88 0.69
BROOKHAVEN___DRP 24191	34.40 1.11 -2.42	26.82 0.88 2.38	28.69 0.87 -2.16	27.15 0.70 -1.50	28.38 0.75 -1.61	33.61 0.90 -4.52	37.64 1.33 -2.13	41.05 1.81 -0.77	39.97 1.72 0.00	39.29 1.43 -1.99	38.06 1.60 0.00	40.04 1.58 -3.35	37.96 1.51 -0.48	38.37 1.58 -1.58	37.79 1.55 -0.29	38.50 1.83 -0.76	43.28 2.26 -1.30	47.00 2.95 0.00	48.35 3.04 0.00	47.92 3.05 0.00	43.26 2.06 0.00	39.25 1.97 -2.01	34.86 1.18 -0.87	32.48 1.13 0.00
BROOKLYN_NAVY_YARD 23515	32.61 1.73 -0.01	29.71 1.39 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.57 1.38 0.00	36.00 1.81 -0.01	40.69 2.19 -0.03	41.96 2.06 -1.64	39.14 1.86 -1.41	42.05 1.89 -3.70	44.20 1.82 -7.27	44.12 1.83 -6.32	43.85 1.79 -6.86	41.98 1.87 -4.15	43.86 1.90 -6.05	48.07 2.30 -6.05	46.75 2.69 -0.02	47.99 2.67 -0.01	47.52 2.65 -0.01	43.51 2.31 -0.01	38.34 1.90 -1.17	34.32 1.51 -0.01	32.87 1.50 -0.01
BROOKLYN___ARMY_DRP 323595	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
BROOKVLE_69_KV_TB1 55790	35.58 2.28 -2.42	30.70 1.93 -0.45	29.48 1.67 -2.16	28.05 1.60 -1.50	29.34 1.72 -1.61	34.60 1.89 -4.52	38.67 2.36 -2.13	42.01 2.77 -0.77	40.89 2.64 0.00	40.29 2.44 -1.99	39.01 2.55 0.00	40.95 2.49 -3.35	38.97 2.52 -0.48	39.25 2.46 -1.58	38.73 2.48 -0.29	39.18 2.51 -0.76	43.67 2.66 -1.30	47.22 3.17 0.00	48.53 3.22 0.00	48.10 3.23 0.00	43.75 2.55 0.00	39.82 2.54 -2.01	35.71 2.03 -0.87	33.39 2.04 0.00
BROOME_2_LFGE 323671	30.90 0.03 0.00	28.29 -0.03 0.00	25.68 0.03 0.00	24.98 0.02 0.00	26.04 0.03 0.00	28.31 0.11 0.00	34.42 0.24 0.00	38.74 0.27 0.00	38.41 0.15 0.00	36.08 0.22 0.00	36.74 0.29 0.00	35.42 0.32 0.00	36.40 0.43 0.00	35.70 0.49 0.00	36.35 0.40 0.00	36.23 0.32 0.00	40.31 0.60 0.00	44.67 0.62 0.00	45.86 0.55 0.00	45.36 0.49 0.00	41.65 0.45 0.00	35.58 0.32 0.00	33.36 0.56 0.00	31.79 0.44 0.00
BROOME___LFGE 323600	30.90 0.03 0.00	28.29 -0.03 0.00	25.68 0.03 0.00	24.98 0.02 0.00	26.04 0.03 0.00	28.31 0.11 0.00	34.42 0.24 0.00	38.74 0.27 0.00	38.41 0.15 0.00	36.08 0.22 0.00	36.74 0.29 0.00	35.42 0.32 0.00	36.40 0.43 0.00	35.70 0.49 0.00	36.35 0.40 0.00	36.23 0.32 0.00	40.31 0.60 0.00	44.67 0.62 0.00	45.86 0.55 0.00	45.36 0.49 0.00	41.65 0.45 0.00	35.58 0.32 0.00	33.36 0.56 0.00	31.79 0.44 0.00
BROWNFLS_115KV_TB_3_5 80003	20.03 -0.12 10.71	18.39 -0.11 9.82	17.47 -0.10 8.08	17.48 -0.10 7.37	18.01 -0.10 7.90	19.14 -0.06 9.00	27.70 0.14 6.62	30.77 0.19 7.89	38.41 0.15 0.00	36.04 0.18 0.00	33.44 0.04 3.05	28.00 0.00 7.11	33.15 -0.11 2.71	33.00 -0.07 2.13	32.51 -0.07 3.37	34.09 -0.14 1.67	39.06 -0.24 0.42	30.70 -0.53 12.82	29.08 -0.45 15.77	29.29 -0.40 15.17	26.50 -0.37 14.33	22.72 -0.25 12.30	21.33 -0.20 11.27	20.34 -0.16 10.86
BROWNSV1_27_KV_LOAD 356125	32.89 2.01 -0.01	29.96 1.64 0.00	27.07 1.41 0.00	26.27 1.32 0.00	27.47 1.46 0.00	29.77 1.58 0.00	36.27 2.08 -0.01	40.96 2.46 -0.03	42.20 2.33 -1.61	39.37 2.12 -1.39	42.24 2.15 -3.64	44.32 2.07 -7.15	44.27 2.09 -6.21	43.99 2.04 -6.75	42.17 2.12 -4.09	44.01 2.15 -5.95	48.17 2.50 -5.95	47.02 2.95 -0.02	48.35 3.04 -0.01	47.88 3.01 -0.01	43.80 2.60 -0.01	38.64 2.22 -1.15	34.58 1.77 -0.01	33.15 1.79 -0.01
BURROWS___LYONSDAL 23803	29.23 0.65 2.29	26.79 0.57 2.10	24.44 0.51 1.72	23.88 0.50 1.57	24.85 0.52 1.69	26.92 0.65 1.92	33.72 0.96 1.41	37.86 1.08 1.68	39.25 0.99 0.00	36.94 1.08 0.00	36.75 0.95 0.65	34.50 0.91 1.52	36.22 0.83 0.58	35.59 0.84 0.45	36.13 0.90 0.72	36.34 0.79 0.36	40.58 0.95 0.09	42.33 1.01 2.74	43.17 1.22 3.37	42.84 1.21 3.24	39.21 1.07 3.06	33.56 0.92 2.63	31.25 0.85 2.41	29.76 0.72 2.32
CAITHNESS_CC_1 323624	34.49 1.20 -2.42	26.90 0.96 2.38	28.76 0.95 -2.16	27.23 0.77 -1.50	28.45 0.83 -1.61	33.70 0.99 -4.52	37.71 1.40 -2.13	41.13 1.88 -0.77	40.01 1.76 0.00	39.36 1.51 -1.99	38.17 1.71 0.00	40.07 1.62 -3.35	38.03 1.58 -0.48	38.40 1.62 -1.58	38.01 1.76 -0.29	38.53 1.87 -0.76	43.16 2.14 -1.30	46.69 2.64 0.00	47.98 2.67 0.00	47.51 2.65 0.00	43.54 2.35 0.00	39.18 1.90 -2.01	34.72 1.05 -0.87	32.54 1.19 0.00
CALPINE BETH_PAGE_GT4 24209	35.30 2.01 -2.42	30.47 1.70 -0.45	29.28 1.46 -2.16	27.85 1.40 -1.50	29.13 1.51 -1.61	34.34 1.64 -4.52	38.39 2.08 -2.13	41.59 2.35 -0.77	40.43 2.18 0.00	39.82 1.97 -1.99	38.49 2.04 0.00	40.39 1.93 -3.35	38.43 1.98 -0.48	38.72 1.94 -1.58	38.19 1.94 -0.29	38.71 2.05 -0.76	43.32 2.30 -1.30	46.87 2.82 0.00	48.16 2.85 0.00	47.74 2.87 0.00	43.38 2.18 0.00	39.50 2.22 -2.01	35.41 1.74 -0.87	33.11 1.76 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.30 2.01 -2.42	30.47 1.70 -0.45	29.30 1.49 -2.16	27.85 1.40 -1.50	29.13 1.51 -1.61	34.34 1.63 -4.52	38.39 2.09 -2.13	41.59 2.35 -0.77	40.47 2.22 0.00	39.82 1.97 -1.99	38.49 2.04 0.00	40.38 1.93 -3.35	38.39 1.94 -0.48	38.68 1.90 -1.58	38.26 2.01 -0.29	38.68 2.01 -0.76	43.48 2.46 -1.30	46.87 2.82 0.00	48.17 2.86 0.00	47.65 2.78 0.00	43.67 2.47 0.00	39.39 2.12 -2.01	35.28 1.61 -0.87	33.11 1.75 0.00
CALPINE_BP_GT1 23823	35.30 2.01 -2.42	30.47 1.70 -0.45	29.30 1.49 -2.16	27.85 1.40 -1.50	29.13 1.51 -1.61	34.34 1.63 -4.52	38.39 2.09 -2.13	41.59 2.35 -0.77	40.47 2.22 0.00	39.82 1.97 -1.99	38.49 2.04 0.00	40.38 1.93 -3.35	38.39 1.94 -0.48	38.68 1.90 -1.58	38.26 2.01 -0.29	38.68 2.01 -0.76	43.48 2.46 -1.30	46.87 2.82 0.00	48.17 2.86 0.00	47.65 2.78 0.00	43.67 2.47 0.00	39.39 2.12 -2.01	35.28 1.61 -0.87	33.11 1.75 0.00
CALSPAN___DRP 24200	29.64 -1.23 0.00	26.85 -1.47 0.00	24.45 -1.21 0.00	23.78 -1.17 0.00	24.82 -1.20 0.00	27.12 -1.07 0.00	32.88 -1.30 0.00	36.32 -2.15 0.00	36.19 -2.07 0.00	34.25 -1.61 0.00	35.14 -1.31 0.00	33.98 -1.12 0.00	35.21 -0.76 0.00	34.82 -0.39 0.00	35.06 -0.90 0.00	34.65 -1.26 0.00	38.72 -0.99 0.00	42.73 -1.32 0.00	43.59 -1.72 0.00	43.03 -1.84 0.00	39.88 -1.32 0.00	33.75 -1.52 0.00	32.77 -0.03 0.00	31.20 -0.16 0.00

CALVERTON___SOLAR 323806	34.15 0.86 -2.42	27.01 0.65 1.97	28.56 0.74 -2.16	27.00 0.55 -1.50	28.22 0.60 -1.61	33.47 0.76 -4.52	37.47 1.16 -2.13	40.90 1.65 -0.77	39.79 1.53 0.00	39.14 1.29 -1.99	37.98 1.53 0.00	39.90 1.44 -3.35	37.85 1.40 -0.48	38.26 1.48 -1.58	37.90 1.65 -0.29	38.46 1.79 -0.76	43.16 2.14 -1.30	46.74 2.69 0.00	48.07 2.76 0.00	47.51 2.65 0.00	43.50 2.31 0.00	39.14 1.87 -2.01	34.56 0.89 -0.87	32.39 1.03 0.00
CANDIGU_WT_PWR 323617	29.48 -1.39 0.00	26.91 -1.42 0.00	24.48 -1.18 0.00	23.78 -1.17 0.00	24.82 -1.20 0.00	27.09 -1.10 0.00	32.98 -1.20 0.00	37.05 -1.42 0.00	36.88 -1.38 0.00	34.79 -1.07 0.00	35.54 -0.91 0.00	34.37 -0.74 0.00	35.50 -0.47 0.00	34.96 -0.24 0.00	35.42 -0.54 0.00	35.26 -0.65 0.00	39.36 -0.36 0.00	43.61 -0.44 0.00	44.54 -0.77 0.00	44.06 -0.81 0.00	40.58 -0.62 0.00	34.59 -0.67 0.00	32.93 0.13 0.00	31.38 0.03 0.00
CARR STREET_E_SYR 24060	31.00 0.12 0.00	28.41 0.09 0.00	25.73 0.08 0.00	25.03 0.08 0.00	26.09 0.08 0.00	28.34 0.14 0.00	34.45 0.27 0.00	38.78 0.31 0.00	38.56 0.30 0.00	36.18 0.32 0.00	36.82 0.36 0.00	35.49 0.39 0.00	36.40 0.43 0.00	35.66 0.46 0.00	36.35 0.40 0.00	36.27 0.36 0.00	40.11 0.40 0.00	44.45 0.40 0.00	45.67 0.36 0.00	45.18 0.32 0.00	41.45 0.25 0.00	35.58 0.32 0.00	33.23 0.43 0.00	31.67 0.31 0.00
CARTHAGE___PAPER 23857	26.71 0.49 4.66	24.51 0.45 4.27	22.53 0.39 3.51	22.12 0.37 3.20	22.97 0.39 3.44	24.82 0.53 3.91	32.30 0.99 2.88	36.19 1.15 3.43	39.29 1.03 0.00	36.86 1.00 0.00	35.93 0.80 1.32	32.72 0.70 3.09	35.40 0.61 1.18	34.91 0.63 0.93	35.14 0.65 1.47	35.75 0.57 0.73	40.25 0.72 0.18	39.18 0.70 5.57	39.54 1.09 6.86	39.35 1.08 6.59	35.92 0.95 6.23	30.76 0.84 5.35	28.69 0.79 4.90	27.23 0.59 4.72
CASSADAGA_WT_PWR 323784	28.90 -1.98 0.00	26.20 -2.12 0.00	23.83 -1.82 0.00	23.23 -1.72 0.00	24.30 -1.72 0.00	26.64 -1.55 0.00	32.54 -1.64 0.00	36.43 -2.04 0.00	36.80 -1.45 0.00	34.90 -0.97 0.00	35.91 -0.55 0.00	34.79 -0.32 0.00	36.22 0.25 0.00	35.94 0.74 0.00	36.24 0.29 0.00	35.84 -0.07 0.00	40.11 0.40 0.00	44.23 0.18 0.00	45.08 -0.23 0.00	44.82 -0.04 0.00	41.11 -0.08 0.00	34.91 -0.35 0.00	33.75 0.95 0.00	32.10 0.75 0.00
CE_DUNWOOD___DRP 24194	32.45 1.57 0.00	29.65 1.33 0.00	26.76 1.10 0.00	26.00 1.05 0.00	27.13 1.12 0.00	29.43 1.24 0.00	35.75 1.57 0.00	40.35 1.88 0.00	40.01 1.76 0.00	37.40 1.54 0.00	38.02 1.57 0.00	36.61 1.51 0.00	37.58 1.51 -0.10	36.79 1.48 -0.11	37.79 1.55 -0.29	37.49 1.58 0.00	41.58 1.87 0.00	46.30 2.25 0.00	47.57 2.27 0.00	47.11 2.24 0.00	43.09 1.90 0.00	36.92 1.66 0.00	34.05 1.25 0.00	32.67 1.32 0.00
CE_MILLWOOD___DRP 24193	32.38 1.51 0.00	29.60 1.27 0.00	26.71 1.05 0.00	25.95 1.00 0.00	27.08 1.07 0.00	29.38 1.18 0.00	35.68 1.50 0.00	40.24 1.77 0.00	39.90 1.64 0.00	37.33 1.47 0.00	37.95 1.49 0.00	36.54 1.44 0.00	37.51 1.44 -0.10	36.72 1.41 -0.11	37.72 1.47 -0.29	37.42 1.51 0.00	41.46 1.75 0.00	46.17 2.11 0.00	47.48 2.17 0.00	47.02 2.15 0.00	43.01 1.81 0.00	36.85 1.59 0.00	33.98 1.18 0.00	32.61 1.25 0.00
CE_NYC2_DRP 24202	32.73 1.85 -0.01	29.85 1.53 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	36.00 1.81 -0.01	40.58 2.08 -0.03	41.90 1.99 -1.66	39.05 1.76 -1.43	42.03 1.82 -3.75	44.23 1.76 -7.37	44.14 1.76 -6.40	43.88 1.72 -6.95	41.96 1.80 -4.21	43.87 1.83 -6.13	47.95 2.11 -6.13	46.58 2.51 -0.02	47.99 2.67 -0.01	47.43 2.56 -0.01	43.39 2.18 -0.01	38.36 1.90 -1.19	34.35 1.54 -0.01	32.96 1.60 -0.01
CE_NYC_DRP 24195	32.67 1.79 -0.01	29.79 1.47 0.00	26.94 1.28 0.00	26.15 1.20 0.00	27.32 1.30 0.00	29.63 1.44 0.00	36.07 1.88 -0.01	40.73 2.23 -0.03	41.92 2.07 -1.60	39.11 1.86 -1.38	41.96 1.90 -3.62	44.03 1.83 -7.10	43.98 1.83 -6.18	43.70 1.80 -6.70	41.89 1.87 -4.06	43.72 1.90 -5.91	47.85 2.22 -5.91	46.67 2.60 -0.02	47.99 2.67 -0.01	47.52 2.65 -0.01	43.47 2.27 -0.01	38.38 1.97 -1.15	34.35 1.54 -0.01	32.96 1.60 -0.01
CHAFFEE___LFGE 323603	29.70 -1.17 0.00	26.96 -1.36 0.00	24.48 -1.18 0.00	23.80 -1.15 0.00	24.84 -1.17 0.00	27.15 -1.04 0.00	32.98 -1.20 0.00	36.47 -2.00 0.00	36.30 -1.95 0.00	34.36 -1.50 0.00	35.25 -1.20 0.00	34.09 -1.02 0.00	35.36 -0.61 0.00	34.89 -0.32 0.00	35.09 -0.86 0.00	34.76 -1.15 0.00	38.88 -0.84 0.00	42.91 -1.15 0.00	43.63 -1.68 0.00	43.25 -1.61 0.00	39.88 -1.32 0.00	33.89 -1.38 0.00	32.83 0.03 0.00	31.26 -0.09 0.00
CHATEAUG_35_KV_LOAD 355732	8.97 -1.88 20.02	8.42 -1.56 18.34	9.22 -1.33 15.10	9.94 -1.25 13.77	9.97 -1.27 14.77	10.02 -1.35 16.82	20.35 -1.47 12.36	22.11 -1.62 14.74	36.76 -1.49 0.00	34.31 -1.54 0.01	29.19 -1.57 5.69	20.24 -1.58 13.28	29.28 -1.62 5.07	29.43 -1.80 3.98	27.93 -1.73 6.30	31.06 -1.72 3.12	37.19 -1.75 0.78	18.24 -1.85 23.96	13.66 -2.17 29.47	14.50 -2.02 28.35	12.33 -2.10 26.77	10.30 -1.97 22.99	9.91 -1.84 21.06	9.12 -1.94 20.29
CHATEAUG_WT_PWR 323614	8.38 -2.47 20.02	7.94 -2.04 18.34	8.81 -1.75 15.10	9.56 -1.62 13.77	9.61 -1.64 14.77	9.60 -1.78 16.82	19.77 -2.05 12.36	21.42 -2.31 14.74	36.11 -2.14 0.00	33.81 -2.04 0.01	28.64 -2.12 5.69	19.72 -2.11 13.28	28.85 -2.05 5.07	28.90 -2.32 3.98	27.46 -2.19 6.30	30.53 -2.26 3.12	36.40 -2.54 0.78	17.32 -2.77 23.96	12.66 -3.17 29.47	13.51 -3.01 28.35	11.42 -3.01 26.77	9.60 -2.68 22.99	9.28 -2.46 21.06	8.50 -2.57 20.29
CHAT_HIGH_FALL_HYD 323578	8.97 -1.88 20.02	8.42 -1.56 18.34	9.22 -1.33 15.10	9.94 -1.25 13.77	9.97 -1.27 14.77	10.02 -1.35 16.82	20.35 -1.47 12.36	22.11 -1.62 14.74	36.76 -1.49 0.00	34.31 -1.54 0.01	29.19 -1.57 5.69	20.24 -1.58 13.28	29.28 -1.62 5.07	29.43 -1.80 3.98	27.93 -1.73 6.30	31.06 -1.72 3.12	37.19 -1.75 0.78	18.24 -1.85 23.96	13.66 -2.17 29.47	14.50 -2.02 28.35	12.33 -2.10 26.77	10.30 -1.97 22.99	9.91 -1.84 21.06	9.12 -1.94 20.29
CHAUTAUQUA___LFGE 323629	29.45 -1.42 0.00	26.74 -1.59 0.00	24.32 -1.34 0.00	23.65 -1.30 0.00	24.69 -1.33 0.00	27.04 -1.16 0.00	32.92 -1.26 0.00	36.59 -1.88 0.00	36.65 -1.61 0.00	34.71 -1.15 0.00	35.65 -0.80 0.00	34.47 -0.63 0.00	35.83 -0.14 0.00	35.42 0.21 0.00	35.67 -0.29 0.00	35.33 -0.58 0.00	39.52 -0.20 0.00	43.61 -0.44 0.00	44.40 -0.91 0.00	44.01 -0.85 0.00	40.50 -0.70 0.00	34.42 -0.85 0.00	33.26 0.46 0.00	31.63 0.28 0.00
CHERRYST_13_KV_LD 356241	32.76 1.88 -0.01	29.85 1.53 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.69 1.49 0.00	36.17 1.98 -0.01	40.85 2.35 -0.03	42.07 2.22 -1.60	39.22 1.97 -1.38	42.07 2.00 -3.62	44.14 1.93 -7.10	44.12 1.98 -6.18	43.84 1.94 -6.70	42.00 1.98 -4.06	43.83 2.01 -5.91	47.97 2.34 -5.91	46.84 2.78 -0.02	48.13 2.81 -0.01	47.65 2.78 -0.01	43.59 2.39 -0.01	38.49 2.08 -1.15	34.45 1.64 -0.01	33.02 1.66 -0.01

CHESTROR_138KV_BK263 355645	32.11 1.23 0.00	29.37 1.05 0.00	26.48 0.82 0.00	25.72 0.77 0.00	26.85 0.83 0.00	29.12 0.93 0.00	35.34 1.16 0.00	39.82 1.35 0.00	39.52 1.26 0.00	36.97 1.11 0.00	37.58 1.13 0.00	36.16 1.05 0.00	37.10 1.04 -0.08	36.32 1.02 -0.10	37.31 1.11 -0.24	37.02 1.11 0.00	41.07 1.35 0.00	45.68 1.63 0.00	47.03 1.72 0.00	46.53 1.66 0.00	42.60 1.40 0.00	36.46 1.20 0.00	33.69 0.89 0.00	32.33 0.97 0.00
CH_MIDHUDSON___DRP 24192	32.23 1.36 0.00	29.51 1.19 0.00	26.68 1.03 0.00	25.92 0.97 0.00	27.06 1.04 0.00	29.35 1.16 0.00	35.58 1.40 0.00	40.09 1.62 0.00	39.75 1.49 0.00	37.15 1.29 0.00	37.77 1.31 0.00	36.37 1.26 0.00	37.30 1.26 -0.07	36.48 1.20 -0.08	37.45 1.29 -0.20	37.20 1.29 0.00	41.27 1.55 0.00	45.95 1.89 0.00	47.30 1.99 0.00	46.79 1.93 0.00	42.85 1.65 0.00	36.68 1.41 0.00	33.85 1.05 0.00	32.48 1.13 0.00
CH_MISC_IPPS 23765	32.45 1.57 0.00	29.65 1.33 0.00	26.81 1.16 0.00	26.05 1.10 0.00	27.19 1.17 0.00	29.49 1.30 0.00	35.79 1.61 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.44 1.58 0.00	38.06 1.60 0.00	36.61 1.51 0.00	37.56 1.51 -0.08	36.74 1.44 -0.09	37.77 1.58 -0.23	37.45 1.54 0.00	41.62 1.91 0.00	46.25 2.20 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.17 1.98 0.00	36.89 1.62 0.00	34.05 1.25 0.00	32.67 1.32 0.00
CH_RES_BVR_FALLS 23983	0.46 -1.39 29.02	0.45 -1.27 26.59	2.59 -1.18 21.89	3.84 -1.15 19.96	3.41 -1.20 21.41	2.51 -1.30 24.38	14.69 -1.57 17.92	15.37 -1.73 21.37	36.57 -1.68 0.00	34.27 -1.58 0.01	26.60 -1.60 8.25	14.30 -1.54 19.26	27.04 -1.58 7.35	27.88 -1.55 5.77	25.27 -1.55 9.14	29.84 -1.54 4.53	36.84 -1.75 1.13	7.33 -1.98 34.74	0.59 -1.99 42.73	1.75 -2.02 41.10	0.58 -1.81 38.81	0.42 -1.52 33.33	0.70 -1.57 30.53	0.47 -1.47 29.41
CH_RES_NIAGARA 23895	28.99 -1.88 0.00	26.25 -2.07 0.00	23.91 -1.74 0.00	23.25 -1.70 0.00	24.25 -1.77 0.00	26.45 -1.75 0.00	31.96 -2.22 0.00	35.05 -3.42 0.00	34.85 -3.40 0.00	33.06 -2.80 0.00	33.87 -2.59 0.00	32.75 -2.35 0.00	33.92 -2.05 0.00	33.48 -1.72 0.00	33.62 -2.34 0.00	33.25 -2.66 0.00	37.18 -2.54 0.00	41.06 -3.00 0.00	41.78 -3.53 0.00	41.23 -3.63 0.00	38.35 -2.84 0.00	32.48 -2.79 0.00	31.72 -1.08 0.00	30.26 -1.10 0.00
CH_RES_SYRACUSE 23985	31.24 0.37 0.00	28.60 0.28 0.00	25.91 0.26 0.00	25.20 0.25 0.00	26.28 0.26 0.00	28.53 0.34 0.00	34.69 0.51 0.00	39.08 0.61 0.00	38.83 0.57 0.00	36.43 0.57 0.00	37.07 0.62 0.00	35.74 0.63 0.00	36.69 0.72 0.00	35.91 0.70 0.00	36.64 0.68 0.00	36.56 0.65 0.00	40.51 0.79 0.00	44.85 0.79 0.00	46.08 0.77 0.00	45.58 0.72 0.00	41.85 0.66 0.00	35.86 0.60 0.00	33.49 0.69 0.00	31.89 0.53 0.00
CLINTON_WT_PWR 323605	8.38 -2.47 20.02	7.94 -2.04 18.34	8.81 -1.75 15.10	9.56 -1.62 13.77	9.61 -1.64 14.77	9.60 -1.78 16.82	19.77 -2.05 12.36	21.42 -2.31 14.74	36.11 -2.14 0.00	33.81 -2.04 0.01	28.64 -2.12 5.69	19.72 -2.11 13.28	28.85 -2.05 5.07	28.90 -2.32 3.98	27.46 -2.19 6.30	30.53 -2.26 3.12	36.40 -2.54 0.78	17.32 -2.77 23.96	12.66 -3.17 29.47	13.51 -3.01 28.35	11.42 -3.01 26.77	9.60 -2.68 22.99	9.28 -2.46 21.06	8.50 -2.57 20.29
CLINTON___LFGE 323618	8.97 -1.88 20.02	8.39 -1.59 18.34	9.20 -1.36 15.10	9.91 -1.27 13.77	9.97 -1.27 14.77	10.02 -1.35 16.82	20.35 -1.47 12.36	22.08 -1.65 14.74	36.72 -1.53 0.00	34.28 -1.58 0.01	29.16 -1.60 5.69	20.21 -1.61 13.28	29.29 -1.62 5.07	29.43 -1.79 3.98	27.93 -1.73 6.30	31.06 -1.72 3.12	37.15 -1.79 0.78	18.20 -1.89 23.96	13.66 -2.17 29.47	14.45 -2.06 28.35	12.28 -2.14 26.77	10.27 -2.01 22.99	9.87 -1.87 21.06	9.09 -1.97 20.29
COBBLENY_34_KV_TB1 80064	29.70 -1.17 0.00	26.88 -1.44 0.00	24.47 -1.18 0.00	23.80 -1.15 0.00	24.84 -1.17 0.00	27.15 -1.04 0.00	32.98 -1.20 0.00	36.47 -2.00 0.00	36.30 -1.95 0.00	34.36 -1.51 0.00	35.25 -1.20 0.00	34.09 -1.02 0.00	35.32 -0.65 0.00	34.96 -0.25 0.00	35.16 -0.79 0.00	34.76 -1.15 0.00	38.88 -0.83 0.00	42.91 -1.15 0.00	43.72 -1.59 0.00	43.21 -1.66 0.00	40.00 -1.19 0.00	33.89 -1.38 0.00	32.83 0.03 0.00	31.26 -0.09 0.00
COFFEEN___115KV_TB3 355620	28.09 1.11 3.89	25.72 0.96 3.57	23.59 0.87 2.94	23.12 0.85 2.68	24.00 0.86 2.87	26.02 1.10 3.27	33.48 1.71 2.40	37.56 1.96 2.87	40.05 1.80 0.00	37.65 1.79 0.00	36.88 1.53 1.11	33.96 1.44 2.58	36.35 1.37 0.99	35.84 1.41 0.77	36.13 1.40 1.23	36.59 1.29 0.61	41.11 1.55 0.15	41.07 1.67 4.66	41.71 2.13 5.73	41.55 2.20 5.51	37.97 1.98 5.21	32.52 1.73 4.47	30.31 1.61 4.10	28.72 1.32 3.94
COLDSPRG_115KV_BK1 355956	29.79 -1.08 0.00	26.96 -1.36 0.00	24.60 -1.05 0.00	23.95 -1.00 0.00	25.05 -0.96 0.00	27.46 -0.73 0.00	33.53 -0.65 0.00	37.70 -0.77 0.00	38.48 0.23 0.00	36.47 0.61 0.00	37.55 1.09 0.00	36.33 1.23 0.00	37.84 1.87 0.00	37.56 2.36 0.00	37.86 1.91 0.00	37.20 1.29 0.00	41.66 1.95 0.00	45.77 1.72 0.00	46.80 1.50 0.00	46.48 1.62 0.00	42.64 1.44 0.00	36.08 0.81 0.00	34.90 2.10 0.00	33.14 1.79 0.00
COLONIE_LFGE___ 323577	31.89 1.02 0.00	29.28 0.96 0.00	26.58 0.92 0.00	25.87 0.92 0.00	26.98 0.96 0.00	29.26 1.07 0.00	35.34 1.16 0.00	39.78 1.31 0.00	39.36 1.11 0.00	36.83 0.97 0.00	37.40 0.95 0.00	35.98 0.88 0.00	36.67 0.83 0.12	35.80 0.74 0.14	36.42 0.83 0.36	36.81 0.90 0.00	40.87 1.15 0.00	45.55 1.50 0.00	47.03 1.72 0.00	46.48 1.61 0.00	42.52 1.32 0.00	36.36 1.09 0.00	33.69 0.89 0.00	32.33 0.97 0.00
COOPERNY_115KV_TB1 80082	31.77 0.90 0.00	29.11 0.79 0.00	26.27 0.62 0.00	25.55 0.60 0.00	26.64 0.62 0.00	28.90 0.70 0.00	35.03 0.85 0.00	39.47 1.00 0.00	39.17 0.92 0.00	36.69 0.82 0.00	37.29 0.84 0.00	35.91 0.81 0.00	36.82 0.79 -0.06	36.04 0.77 -0.07	36.95 0.83 -0.17	36.77 0.86 0.00	40.75 1.03 0.00	45.29 1.23 0.00	46.62 1.31 0.00	46.12 1.26 0.00	42.27 1.07 0.00	36.18 0.92 0.00	33.49 0.69 0.00	32.11 0.75 0.00
COPENHAGEN_WT_PWR 323753	28.02 0.83 3.69	25.68 0.74 3.38	23.51 0.64 2.78	23.04 0.62 2.54	23.94 0.65 2.72	25.94 0.85 3.10	33.27 1.37 2.28	37.33 1.58 2.72	39.71 1.45 0.00	37.30 1.44 0.00	36.64 1.24 1.05	33.81 1.16 2.45	36.15 1.12 0.93	35.60 1.13 0.73	35.91 1.12 1.16	36.30 0.97 0.58	40.76 1.19 0.14	40.91 1.28 4.42	41.51 1.63 5.43	41.25 1.61 5.23	37.74 1.48 4.93	32.33 1.31 4.24	30.17 1.25 3.88	28.62 1.00 3.74
CORNELL_____ 23752	31.52 0.65 0.00	28.86 0.54 0.00	26.14 0.49 0.00	25.43 0.47 0.00	26.54 0.52 0.00	28.87 0.68 0.00	35.20 1.03 0.00	39.70 1.23 0.00	39.32 1.07 0.00	36.87 1.00 0.00	37.47 1.02 0.00	36.09 0.98 0.00	37.05 1.08 0.00	36.29 1.09 0.00	37.07 1.11 0.00	36.99 1.08 0.00	41.15 1.43 0.00	45.64 1.59 0.00	46.99 1.68 0.00	46.44 1.57 0.00	42.60 1.40 0.00	36.43 1.16 0.00	34.08 1.28 0.00	32.39 1.03 0.00

CORONA__69_KV_TB1 355595	35.51 2.22 -2.42	30.67 1.90 -0.45	29.46 1.64 -2.16	28.00 1.55 -1.50	29.29 1.66 -1.61	34.54 1.83 -4.52	38.57 2.26 -2.13	41.86 2.62 -0.77	40.74 2.49 0.00	40.15 2.30 -1.99	38.79 2.33 0.00	40.74 2.28 -3.35	38.75 2.30 -0.48	39.03 2.25 -1.58	38.51 2.27 -0.29	39.00 2.33 -0.76	43.63 2.62 -1.30	47.14 3.08 0.00	48.48 3.17 0.00	48.05 3.19 0.00	43.75 2.55 0.00	39.67 2.40 -2.01	35.68 2.00 -0.87	33.33 1.98 0.00
CORTLAND_115KV_TB3 80093	31.33 0.46 0.00	28.69 0.37 0.00	25.99 0.33 0.00	25.28 0.32 0.00	26.38 0.36 0.00	28.67 0.48 0.00	34.90 0.72 0.00	39.32 0.85 0.00	38.98 0.73 0.00	36.58 0.72 0.00	37.22 0.77 0.00	35.84 0.74 0.00	36.80 0.83 0.00	36.05 0.84 0.00	36.78 0.83 0.00	36.66 0.75 0.00	40.71 0.99 0.00	45.15 1.10 0.00	46.44 1.13 0.00	45.94 1.08 0.00	42.14 0.95 0.00	36.08 0.81 0.00	33.69 0.89 0.00	32.07 0.72 0.00
COXSACKIE___GT 23611	32.26 1.39 0.00	29.57 1.24 0.00	26.84 1.18 0.00	26.15 1.20 0.00	27.26 1.25 0.00	29.63 1.44 0.00	35.99 1.81 0.00	40.28 1.81 0.00	39.86 1.61 0.00	37.12 1.25 0.00	37.58 1.13 0.00	36.05 0.95 0.00	36.97 1.04 0.04	36.04 0.88 0.04	36.99 1.15 0.11	36.98 1.08 0.00	41.23 1.51 0.00	46.08 2.03 0.00	47.66 2.35 0.00	47.20 2.33 0.00	43.17 1.98 0.00	36.81 1.55 0.00	34.05 1.25 0.00	32.67 1.32 0.00
CPV_VALLEY___CC1 323721	31.89 1.02 0.00	29.17 0.85 0.00	26.32 0.67 0.00	25.58 0.62 0.00	26.69 0.68 0.00	28.96 0.76 0.00	35.07 0.89 0.00	39.54 1.08 0.00	39.25 0.99 0.00	36.72 0.86 0.00	37.33 0.87 0.00	35.95 0.84 0.00	36.87 0.83 -0.07	36.10 0.81 -0.09	37.07 0.90 -0.22	36.81 0.90 0.00	40.87 1.15 0.00	45.42 1.37 0.00	46.72 1.41 0.00	46.21 1.34 0.00	42.35 1.15 0.00	36.22 0.95 0.00	33.46 0.66 0.00	32.10 -0.75 0.00
CPV_VALLEY___CC2 323722	31.89 1.02 0.00	29.17 0.85 0.00	26.32 0.67 0.00	25.58 0.62 0.00	26.69 0.68 0.00	28.96 0.76 0.00	35.07 0.89 0.00	39.54 1.08 0.00	39.25 0.99 0.00	36.72 0.86 0.00	37.33 0.87 0.00	35.95 0.84 0.00	36.87 0.83 -0.07	36.10 0.81 -0.09	37.07 0.90 -0.22	36.81 0.90 0.00	40.87 1.15 0.00	45.42 1.37 0.00	46.72 1.41 0.00	46.21 1.34 0.00	42.35 1.15 0.00	36.22 0.95 0.00	33.46 0.66 0.00	32.10 0.75 0.00
CRESCENT___HYD 24018	31.89 1.02 0.00	29.28 0.96 0.00	26.58 0.92 0.00	25.87 0.92 0.00	26.98 0.96 0.00	29.26 1.07 0.00	35.34 1.16 0.00	39.78 1.31 0.00	39.36 1.11 0.00	36.83 0.97 0.00	37.40 0.95 0.00	35.98 0.88 0.00	36.67 0.83 0.12	35.80 0.74 0.14	36.42 0.83 0.36	36.81 0.90 0.00	40.87 1.15 0.00	45.55 1.50 0.00	47.03 1.72 0.00	46.48 1.61 0.00	42.52 1.32 0.00	36.36 1.09 0.00	33.69 0.89 0.00	32.33 0.97 0.00
CRICKET___VALLEY_CC1 323756	31.86 0.99 0.00	29.20 0.88 0.00	26.50 0.85 0.00	25.77 0.82 0.00	26.87 0.86 0.00	29.12 0.93 0.00	35.17 0.99 0.00	39.66 1.19 0.00	39.25 0.99 0.00	36.69 0.83 0.00	37.25 0.80 0.00	35.84 0.74 0.00	35.35 0.68 1.31	34.37 0.67 1.50	32.90 0.76 3.81	36.70 0.79 0.00	40.75 1.03 0.00	45.37 1.32 0.00	46.80 1.49 0.00	46.26 1.39 0.00	42.35 1.15 0.00	36.22 0.95 0.00	33.46 0.66 0.00	32.17 0.81 0.00
CRICKET___VALLEY_CC2 323757	31.86 0.99 0.00	29.20 0.88 0.00	26.50 0.85 0.00	25.77 0.82 0.00	26.87 0.86 0.00	29.12 0.93 0.00	35.17 0.99 0.00	39.66 1.19 0.00	39.25 0.99 0.00	36.69 0.83 0.00	37.25 0.80 0.00	35.84 0.74 0.00	35.35 0.68 1.31	34.37 0.67 1.50	32.90 0.76 3.81	36.70 0.79 0.00	40.75 1.03 0.00	45.37 1.32 0.00	46.80 1.49 0.00	46.26 1.39 0.00	42.35 1.15 0.00	36.22 0.95 0.00	33.46 0.66 0.00	32.17 0.81 0.00
CRICKET___VALLEY_CC3 323758	31.86 0.99 0.00	29.20 0.88 0.00	26.50 0.85 0.00	25.77 0.82 0.00	26.87 0.86 0.00	29.12 0.93 0.00	35.17 0.99 0.00	39.66 1.19 0.00	39.25 0.99 0.00	36.69 0.83 0.00	37.25 0.80 0.00	35.84 0.74 0.00	35.35 0.68 1.31	34.37 0.67 1.50	32.90 0.76 3.81	36.70 0.79 0.00	40.75 1.03 0.00	45.37 1.32 0.00	46.80 1.49 0.00	46.26 1.39 0.00	42.35 1.15 0.00	36.22 0.95 0.00	33.46 0.66 0.00	32.17 0.81 0.00
CRUCIBLE_METL_DRP 24180	31.24 0.37 0.00	28.60 0.28 0.00	25.91 0.26 0.00	25.20 0.25 0.00	26.28 0.26 0.00	28.53 0.34 0.00	34.69 0.51 0.00	39.08 0.62 0.00	38.83 0.57 0.00	36.44 0.57 0.00	37.07 0.62 0.00	35.74 0.63 0.00	36.69 0.72 0.00	35.91 0.70 0.00	36.64 0.68 0.00	36.55 0.65 0.00	40.51 0.79 0.00	44.84 0.79 0.00	46.08 0.77 0.00	45.58 0.72 0.00	41.86 0.66 0.00	35.86 0.60 0.00	33.49 0.69 0.00	31.89 0.53 0.00
DAHOWA___HYDRO 323763	32.57 1.70 0.00	29.88 1.56 0.00	27.12 1.46 0.00	26.37 1.42 0.00	27.50 1.48 0.00	29.86 1.66 0.00	36.09 1.91 0.00	40.55 2.08 0.00	40.20 1.95 0.00	37.65 1.79 0.00	38.28 1.82 0.00	36.82 1.72 0.00	37.52 1.66 0.10	36.56 1.48 0.12	37.24 1.58 0.30	37.63 1.72 0.00	41.74 2.02 0.00	46.69 2.64 0.00	48.17 2.86 0.00	47.65 2.78 0.00	43.59 2.39 0.00	37.20 1.94 0.00	34.41 1.61 0.00	32.95 1.60 0.00
DANC___LFGE 323619	28.98 0.68 2.57	26.56 0.60 2.36	24.23 0.51 1.94	23.71 0.52 1.77	24.64 0.52 1.90	26.71 0.68 2.16	33.72 1.13 1.59	37.84 1.27 1.89	39.44 1.19 0.00	37.04 1.18 0.00	36.74 1.02 0.73	34.38 0.98 1.71	36.29 0.97 0.65	35.68 0.98 0.51	36.12 0.97 0.81	36.33 0.83 0.40	40.65 1.03 0.10	42.03 1.06 3.08	42.84 1.31 3.79	42.52 1.30 3.64	38.95 1.20 3.44	33.37 1.06 2.95	31.21 1.12 2.71	29.62 0.88 2.61
DANSKAMMER___1 23586	32.45 1.57 0.00	29.65 1.33 0.00	26.81 1.16 0.00	26.05 1.10 0.00	27.19 1.17 0.00	29.49 1.30 0.00	35.79 1.61 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.44 1.58 0.00	38.06 1.60 0.00	36.61 1.51 0.00	37.56 1.51 -0.08	36.74 1.44 -0.09	37.77 1.58 -0.23	37.45 1.54 0.00	41.62 1.91 0.00	46.25 2.20 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.17 1.98 0.00	36.89 1.62 0.00	34.05 1.25 0.00	32.67 1.32 0.00
DANSKAMMER___2 23589	32.45 1.57 0.00	29.65 1.33 0.00	26.81 1.16 0.00	26.05 1.10 0.00	27.19 1.17 0.00	29.49 1.30 0.00	35.79 1.61 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.44 1.58 0.00	38.06 1.60 0.00	36.61 1.51 0.00	37.56 1.51 -0.08	36.74 1.44 -0.09	37.77 1.58 -0.23	37.45 1.54 0.00	41.62 1.91 0.00	46.25 2.20 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.17 1.98 0.00	36.89 1.62 0.00	34.05 1.25 0.00	32.67 1.32 0.00
DANSKAMMER___3 23590	32.45 1.57 0.00	29.65 1.33 0.00	26.81 1.16 0.00	26.05 1.10 0.00	27.19 1.17 0.00	29.49 1.30 0.00	35.79 1.61 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.44 1.58 0.00	38.06 1.60 0.00	36.61 1.51 0.00	37.56 1.51 -0.08	36.74 1.44 -0.09	37.77 1.58 -0.23	37.45 1.54 0.00	41.62 1.91 0.00	46.25 2.20 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.17 1.98 0.00	36.89 1.62 0.00	34.05 1.25 0.00	32.67 1.32 0.00

DANSKAMMER___4 23591	32.45 1.57 0.00	29.65 1.33 0.00	26.81 1.16 0.00	26.05 1.10 0.00	27.19 1.17 0.00	29.49 1.30 0.00	35.79 1.61 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.44 1.58 0.00	38.06 1.60 0.00	36.61 1.51 0.00	37.56 1.51 -0.08	36.74 1.44 -0.09	37.77 1.58 -0.23	37.45 1.54 0.00	41.62 1.91 0.00	46.25 2.20 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.17 1.98 0.00	36.89 1.62 0.00	34.05 1.25 0.00	32.67 1.32 0.00
DANSKAMMER___DIESEL 23592	32.45 1.57 0.00	29.65 1.33 0.00	26.78 1.13 0.00	26.05 1.10 0.00	27.19 1.17 0.00	29.49 1.30 0.00	35.79 1.61 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.44 1.58 0.00	38.06 1.60 0.00	36.61 1.51 0.00	37.56 1.51 -0.08	36.74 1.44 -0.09	37.77 1.58 -0.23	37.45 1.54 0.00	41.58 1.87 0.00	46.25 2.20 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.13 1.94 0.00	36.89 1.62 0.00	34.05 1.25 0.00	32.70 1.35 0.00
DARBY___SOLAR 323810	32.41 1.54 0.00	29.74 1.42 0.00	26.99 1.33 0.00	26.25 1.30 0.00	27.37 1.35 0.00	29.72 1.52 0.00	35.92 1.74 0.00	40.35 1.88 0.00	40.01 1.76 0.00	37.51 1.65 0.00	38.10 1.64 0.00	36.69 1.58 0.00	37.37 1.51 0.11	36.42 1.34 0.12	37.08 1.44 0.31	37.49 1.58 0.00	41.58 1.87 0.00	46.43 2.38 0.00	47.94 2.63 0.00	47.38 2.51 0.00	43.34 2.14 0.00	37.03 1.76 0.00	34.28 1.48 0.00	32.83 1.47 0.00
DASHVILLE___HYD 23610	32.08 1.20 0.00	29.34 1.02 0.00	26.48 0.82 0.00	25.75 0.80 0.00	26.87 0.86 0.00	29.10 0.90 0.00	35.27 1.09 0.00	39.74 1.27 0.00	39.40 1.15 0.00	36.83 0.97 0.00	37.44 0.98 0.00	36.02 0.91 0.00	37.27 1.26 -0.04	36.48 1.23 -0.05	37.40 1.33 -0.12	36.88 0.97 0.00	40.95 1.23 0.00	45.51 1.45 0.00	46.85 1.54 0.00	46.35 1.48 0.00	42.43 1.24 0.00	36.36 1.09 0.00	33.56 0.75 0.00	32.26 0.91 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.12 0.83 -2.42	26.78 0.65 2.19	28.61 0.80 -2.16	27.05 0.60 -1.50	28.24 0.62 -1.61	33.56 0.85 -4.52	37.57 1.26 -2.13	41.05 1.81 -0.77	40.09 1.84 0.00	39.46 1.61 -1.99	38.39 1.93 0.00	40.39 1.93 -3.35	38.32 1.87 -0.48	38.79 2.01 -1.58	38.19 1.94 -0.29	38.93 2.26 -0.76	43.83 2.82 -1.30	47.71 3.66 0.00	49.07 3.76 0.00	48.59 3.72 0.00	43.71 2.51 0.00	39.67 2.40 -2.01	35.05 1.38 -0.87	32.70 1.35 0.00
DELAWARE___LFGE 323621	31.83 0.96 0.00	29.23 0.91 0.00	26.45 0.80 0.00	25.72 0.77 0.00	26.82 0.81 0.00	29.07 0.87 0.00	35.27 1.09 0.00	39.70 1.23 0.00	39.59 1.34 0.00	37.19 1.33 0.00	37.73 1.28 0.00	36.37 1.26 0.00	37.19 1.22 0.00	36.40 1.20 0.00	37.21 1.26 0.00	37.13 1.22 0.00	41.03 1.31 0.00	45.55 1.50 0.00	46.90 1.59 0.00	46.44 1.57 0.00	42.56 1.36 0.00	36.43 1.16 0.00	33.85 1.05 0.00	32.33 0.97 0.00
DERFIELD_115KV_TB7 355931	32.02 0.19 -0.96	29.37 0.17 -0.88	26.53 0.15 -0.72	25.76 0.15 -0.66	26.88 0.16 -0.71	29.17 0.17 -0.81	34.98 0.21 -0.59	39.41 0.23 -0.71	38.44 0.19 0.00	36.08 0.22 0.00	36.91 0.18 -0.27	35.92 0.18 -0.64	36.39 0.18 -0.24	35.57 0.18 -0.19	36.44 0.18 -0.30	36.24 0.18 -0.15	39.99 0.24 -0.04	45.51 0.31 -1.15	47.08 0.36 -1.41	46.54 0.31 -1.36	42.73 0.25 -1.28	36.58 0.21 -1.10	33.97 0.16 -1.01	32.51 0.19 -0.97
DOGLEVILLE___HYD 23807	31.46 -0.37 -0.96	28.86 -0.34 -0.88	26.04 -0.33 -0.72	25.29 -0.33 -0.66	26.38 -0.34 -0.71	28.63 -0.37 -0.81	34.36 -0.41 -0.59	38.72 -0.46 -0.71	37.75 -0.50 0.00	35.40 -0.47 0.00	36.25 -0.47 -0.27	35.28 -0.46 -0.64	35.71 -0.50 -0.24	34.90 -0.49 -0.19	35.75 -0.50 -0.30	35.56 -0.50 -0.15	39.24 -0.52 -0.04	44.72 -0.48 -1.15	46.36 -0.36 -1.41	45.78 -0.45 -1.36	42.07 -0.41 -1.28	36.01 -0.35 -1.10	33.42 -0.39 -1.01	31.95 -0.37 -0.97
DUNKIRK___115KV_TB_200 55889	29.51 -1.36 0.00	26.74 -1.59 0.00	24.37 -1.28 0.00	23.70 -1.25 0.00	24.74 -1.27 0.00	27.09 -1.10 0.00	32.95 -1.23 0.00	36.58 -1.88 0.00	36.65 -1.61 0.00	34.68 -1.18 0.00	35.61 -0.84 0.00	34.44 -0.67 0.00	35.75 -0.22 0.00	35.41 0.21 0.00	35.70 -0.25 0.00	35.26 -0.65 0.00	39.48 -0.24 0.00	43.52 -0.53 0.00	44.40 -0.91 0.00	43.92 -0.94 0.00	40.58 -0.62 0.00	34.35 -0.92 0.00	33.20 0.39 0.00	31.60 0.25 0.00
DUNKIRK___1 23563	29.51 -1.36 0.00	26.74 -1.59 0.00	24.37 -1.28 0.00	23.70 -1.25 0.00	24.74 -1.27 0.00	27.09 -1.10 0.00	32.95 -1.23 0.00	36.58 -1.88 0.00	36.65 -1.61 0.00	34.68 -1.18 0.00	35.61 -0.84 0.00	34.44 -0.67 0.00	35.75 -0.22 0.00	35.41 0.21 0.00	35.70 -0.25 0.00	35.26 -0.65 0.00	39.48 -0.24 0.00	43.52 -0.53 0.00	44.40 -0.91 0.00	43.92 -0.94 0.00	40.58 -0.62 0.00	34.35 -0.92 0.00	33.20 0.39 0.00	31.60 0.25 0.00
DUNKIRK___2 23564	29.51 -1.36 0.00	26.74 -1.59 0.00	24.37 -1.28 0.00	23.70 -1.25 0.00	24.74 -1.27 0.00	27.09 -1.10 0.00	32.95 -1.23 0.00	36.58 -1.88 0.00	36.65 -1.61 0.00	34.68 -1.18 0.00	35.61 -0.84 0.00	34.44 -0.67 0.00	35.75 -0.22 0.00	35.41 0.21 0.00	35.70 -0.25 0.00	35.26 -0.65 0.00	39.48 -0.24 0.00	43.52 -0.53 0.00	44.40 -0.91 0.00	43.92 -0.94 0.00	40.58 -0.62 0.00	34.35 -0.92 0.00	33.20 0.39 0.00	31.60 0.25 0.00
DUNKIRK___3 23565	29.54 -1.33 0.00	26.76 -1.56 0.00	24.40 -1.26 0.00	23.70 -1.25 0.00	24.77 -1.25 0.00	27.09 -1.10 0.00	32.91 -1.26 0.00	36.51 -1.96 0.00	36.46 -1.80 0.00	34.50 -1.36 0.00	35.40 -1.06 0.00	34.26 -0.84 0.00	35.54 -0.43 0.00	35.17 -0.04 0.00	35.42 -0.54 0.00	35.01 -0.90 0.00	39.16 -0.56 0.00	43.21 -0.84 0.00	44.09 -1.22 0.00	43.56 -1.30 0.00	40.29 -0.91 0.00	34.10 -1.16 0.00	32.97 0.16 0.00	31.42 0.06 0.00
DUNKIRK___4 23566	29.54 -1.33 0.00	26.76 -1.56 0.00	24.40 -1.26 0.00	23.70 -1.25 0.00	24.77 -1.25 0.00	27.09 -1.10 0.00	32.91 -1.26 0.00	36.51 -1.96 0.00	36.46 -1.80 0.00	34.50 -1.36 0.00	35.40 -1.06 0.00	34.26 -0.84 0.00	35.54 -0.43 0.00	35.17 -0.04 0.00	35.42 -0.54 0.00	35.01 -0.90 0.00	39.16 -0.56 0.00	43.21 -0.84 0.00	44.09 -1.22 0.00	43.56 -1.30 0.00	40.29 -0.91 0.00	34.10 -1.16 0.00	32.97 0.16 0.00	31.42 0.06 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.51 1.64 0.00	29.68 1.36 0.00	26.81 1.15 0.00	26.02 1.07 0.00	27.19 1.17 0.00	29.49 1.30 0.00	35.82 1.64 0.00	40.47 2.00 0.00	40.13 1.87 0.00	37.55 1.69 0.00	38.17 1.71 0.00	36.72 1.61 0.00	37.72 1.65 -0.10	36.90 1.58 -0.11	37.90 1.65 -0.29	37.60 1.69 0.00	41.70 1.99 0.00	46.43 2.38 0.00	47.71 2.40 0.00	47.24 2.38 0.00	43.22 2.02 0.00	37.03 1.76 0.00	34.15 1.34 0.00	32.73 1.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.23 1.36 0.00	29.48 1.16 0.00	26.60 0.95 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.27 1.07 0.00	35.51 1.33 0.00	40.05 1.58 0.00	39.71 1.45 0.00	37.15 1.29 0.00	37.77 1.31 0.00	36.33 1.23 0.00	37.31 1.26 -0.08	36.49 1.20 -0.09	37.47 1.29 -0.22	37.20 1.29 0.00	41.27 1.55 0.00	45.90 1.85 0.00	47.26 1.95 0.00	46.75 1.88 0.00	42.80 1.61 0.00	36.64 1.38 0.00	33.82 1.02 0.00	32.48 1.13 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.86 1.98 -0.01	29.99 1.67 0.00	27.09 1.44 0.00	26.32 1.37 0.00	27.50 1.48 0.00	29.74 1.55 0.00	35.93 1.74 -0.01	40.42 1.92 -0.03	41.71 1.80 -1.66	38.91 1.61 -1.43	41.88 1.68 -3.75	44.05 1.58 -7.37	43.99 1.62 -6.40	43.70 1.55 -6.95	41.78 1.62 -4.21	43.69 1.65 -6.13	47.79 1.95 -6.13	46.40 2.33 -0.02	47.99 2.67 -0.01	47.34 2.47 -0.01	43.18 1.98 -0.01	38.18 1.73 -1.19	34.29 1.48 -0.01	33.02 1.66 -0.01
E179THST_13_KV_LOAD 356214	32.98 2.10 -0.01	30.08 1.76 0.00	27.19 1.54 0.00	26.40 1.45 0.00	27.60 1.59 0.00	29.86 1.66 0.00	36.07 1.88 -0.01	40.58 2.08 -0.03	41.90 1.99 -1.66	39.05 1.76 -1.43	42.06 1.86 -3.75	44.23 1.76 -7.37	44.17 1.80 -6.40	43.88 1.72 -6.95	41.96 1.80 -4.21	43.87 1.83 -6.13	47.99 2.14 -6.13	46.62 2.55 -0.02	48.26 2.95 -0.01	47.57 2.69 -0.01	43.43 2.22 -0.01	38.36 1.90 -1.19	34.45 1.64 -0.01	33.15 1.79 -0.01
EAST HAMPTON___GT 23717	33.76 0.46 -2.42	26.47 0.37 2.22	28.43 0.61 -2.16	26.85 0.40 -1.50	28.06 0.44 -1.61	33.38 0.68 -4.52	37.37 1.06 -2.13	40.90 1.65 -0.77	39.98 1.72 0.00	39.43 1.58 -1.99	38.42 1.97 0.00	40.31 1.86 -3.35	38.32 1.87 -0.48	38.79 2.01 -1.58	38.40 2.16 -0.29	39.00 2.33 -0.76	43.83 2.82 -1.30	47.49 3.44 0.00	48.80 3.49 0.00	48.23 3.37 0.00	44.04 2.84 0.00	39.64 2.36 -2.01	34.95 1.28 -0.87	32.77 1.41 0.00
EAST RIVER___6 23660	32.73 1.85 -0.01	29.82 1.50 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.37 1.35 0.00	29.66 1.47 0.00	36.13 1.95 -0.01	40.85 2.35 -0.03	42.02 2.14 -1.63	39.16 1.90 -1.40	42.02 1.89 -3.67	44.14 1.82 -7.22	44.11 1.87 -6.27	43.84 1.83 -6.81	42.02 1.94 -4.12	43.81 1.90 -6.00	48.02 2.30 -6.00	46.75 2.69 -0.02	48.08 2.76 -0.01	47.70 2.83 -0.01	43.64 2.43 -0.01	38.47 2.04 -1.16	34.45 1.64 -0.01	32.99 1.63 -0.01
EAST RIVER___7 23524	32.73 1.85 -0.01	29.82 1.50 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.37 1.35 0.00	29.66 1.47 0.00	36.13 1.95 -0.01	40.85 2.35 -0.03	42.02 2.14 -1.63	39.16 1.90 -1.40	42.02 1.89 -3.67	44.14 1.82 -7.22	44.11 1.87 -6.27	43.84 1.83 -6.81	42.02 1.94 -4.12	43.81 1.90 -6.00	48.02 2.30 -6.00	46.75 2.69 -0.02	48.08 2.76 -0.01	47.70 2.83 -0.01	43.64 2.43 -0.01	38.47 2.04 -1.16	34.45 1.64 -0.01	32.99 1.63 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.45 1.57 0.00	29.65 1.33 0.00	26.76 1.10 0.00	26.00 1.05 0.00	27.13 1.12 0.00	29.43 1.24 0.00	35.75 1.57 0.00	40.35 1.88 0.00	40.01 1.76 0.00	37.40 1.54 0.00	38.02 1.57 0.00	36.61 1.51 0.00	37.58 1.51 -0.10	36.79 1.48 -0.11	37.79 1.55 -0.29	37.49 1.58 0.00	41.58 1.87 0.00	46.30 2.25 0.00	47.57 2.27 0.00	47.11 2.24 0.00	43.09 1.90 0.00	36.92 1.66 0.00	34.05 1.25 0.00	32.67 1.32 0.00
EAST_HAMPTON___DIESEL 23722	33.66 0.37 -2.42	26.38 0.28 2.22	28.38 0.56 -2.16	26.80 0.35 -1.50	27.98 0.36 -1.61	33.33 0.62 -4.52	37.30 0.99 -2.13	40.82 1.58 -0.77	39.93 1.68 0.00	39.39 1.54 -1.99	38.38 1.93 0.00	40.28 1.82 -3.35	38.29 1.83 -0.48	38.75 1.97 -1.58	38.37 2.12 -0.29	38.97 2.30 -0.76	43.79 2.78 -1.30	47.44 3.39 0.00	48.80 3.49 0.00	48.19 3.32 0.00	44.00 2.80 0.00	39.60 2.33 -2.01	34.92 1.25 -0.87	32.73 1.38 0.00
EAST_POINT___SOLAR 323840	33.65 2.78 0.00	30.84 2.52 0.00	27.96 2.31 0.00	27.17 2.22 0.00	28.36 2.34 0.00	30.90 2.71 0.00	37.56 3.38 0.00	41.78 3.31 0.00	41.39 3.14 0.00	38.19 2.33 0.00	38.49 2.04 0.00	36.96 1.86 0.00	37.60 1.69 0.06	36.79 1.65 0.07	37.71 1.94 0.18	38.31 2.41 0.00	43.53 3.81 0.00	48.68 4.62 0.00	50.25 4.94 0.00	49.76 4.89 0.00	45.48 4.28 0.00	38.76 3.49 0.00	35.85 3.05 0.00	34.14 2.79 0.00
EAST_PULASKI___ESR 323781	30.09 0.71 1.49	27.55 0.60 1.37	25.07 0.54 1.13	24.45 0.52 1.03	25.46 0.55 1.10	27.65 0.71 1.25	34.32 1.06 0.92	38.60 1.23 1.10	39.40 1.15 0.00	36.97 1.11 0.00	37.09 1.06 0.42	35.13 1.02 0.99	36.67 1.08 0.38	35.96 1.06 0.30	36.53 1.04 0.47	36.61 0.93 0.23	40.81 1.15 0.06	43.46 1.19 1.79	44.43 1.31 2.20	44.05 1.30 2.11	40.35 1.15 1.99	34.61 1.06 1.71	32.38 1.15 1.57	30.75 0.91 1.51
EAST_RIVER___1 323558	32.67 1.79 -0.01	29.79 1.47 0.00	26.94 1.28 0.00	26.15 1.20 0.00	27.32 1.30 0.00	29.63 1.44 0.00	36.03 1.84 -0.01	40.73 2.23 -0.03	41.94 2.06 -1.63	39.13 1.86 -1.40	42.02 1.89 -3.67	44.14 1.82 -7.22	44.07 1.83 -6.27	43.81 1.79 -6.81	41.95 1.87 -4.12	43.78 1.87 -6.00	47.98 2.26 -6.00	46.71 2.64 -0.02	47.99 2.67 -0.01	47.52 2.65 -0.01	43.51 2.31 -0.01	38.40 1.97 -1.16	34.35 1.54 -0.01	32.93 1.57 -0.01
EAST_RIVER___2 323559	32.73 1.85 -0.01	29.82 1.50 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.37 1.35 0.00	29.66 1.47 0.00	36.13 1.95 -0.01	40.85 2.35 -0.03	42.02 2.14 -1.63	39.16 1.90 -1.40	42.02 1.89 -3.67	44.14 1.82 -7.22	44.11 1.87 -6.27	43.84 1.83 -6.81	42.02 1.94 -4.12	43.81 1.90 -6.00	48.02 2.30 -6.00	46.75 2.69 -0.02	48.08 2.76 -0.01	47.70 2.83 -0.01	43.64 2.43 -0.01	38.47 2.04 -1.16	34.45 1.64 -0.01	32.99 1.63 -0.01
EAST___DELAWARE_HYD 23607	32.45 1.57 0.00	29.65 1.33 0.00	26.78 1.13 0.00	26.02 1.07 0.00	27.16 1.14 0.00	29.46 1.27 0.00	35.79 1.61 0.00	40.32 1.85 0.00	39.98 1.72 0.00	37.40 1.54 0.00	37.98 1.53 0.00	36.54 1.44 0.00	37.47 1.44 -0.06	36.68 1.41 -0.07	37.71 1.58 -0.17	37.45 1.54 0.00	41.66 1.95 0.00	46.21 2.16 0.00	47.57 2.26 0.00	47.11 2.24 0.00	43.17 1.98 0.00	36.92 1.66 0.00	34.11 1.31 0.00	32.73 1.38 0.00
EIGHT_POINT___WT_PWR 323820	29.17 -1.70 0.00	26.62 -1.70 0.00	24.48 -1.18 0.00	23.90 -1.05 0.00	25.08 -0.94 0.00	27.55 -0.65 0.00	33.67 -0.51 0.00	37.93 -0.54 0.00	37.57 -0.69 0.00	35.25 -0.61 0.00	36.05 -0.40 0.00	35.00 -0.10 0.00	36.58 0.61 0.00	36.05 0.84 0.00	36.64 0.68 0.00	36.56 0.65 0.00	40.91 1.19 0.00	45.33 1.28 0.00	46.35 1.04 0.00	45.99 1.12 0.00	42.02 0.82 0.00	35.83 0.56 0.00	34.05 1.25 0.00	32.23 0.88 0.00
ELBRIDGE_115KV_TB2 80188	30.96 0.09 0.00	28.35 0.03 0.00	25.68 0.03 0.00	24.98 0.02 0.00	26.04 0.03 0.00	28.28 0.08 0.00	34.38 0.21 0.00	38.66 0.19 0.00	38.41 0.15 0.00	36.08 0.22 0.00	36.71 0.26 0.00	35.39 0.28 0.00	36.33 0.36 0.00	35.59 0.39 0.00	36.28 0.32 0.00	36.20 0.29 0.00	40.11 0.40 0.00	44.49 0.44 0.00	45.67 0.36 0.00	45.18 0.31 0.00	41.49 0.29 0.00	35.51 0.25 0.00	33.23 0.43 0.00	31.64 0.28 0.00
ELEC_TRO_TEK 24086	35.33 2.04 -2.42	30.50 1.73 -0.45	29.30 1.49 -2.16	27.88 1.42 -1.50	29.16 1.53 -1.61	34.37 1.66 -4.52	38.43 2.12 -2.13	41.70 2.46 -0.77	40.59 2.33 0.00	39.97 2.12 -1.99	38.60 2.15 0.00	40.56 2.11 -3.35	38.57 2.12 -0.48	38.86 2.08 -1.58	38.33 2.09 -0.29	38.82 2.15 -0.76	43.44 2.42 -1.30	46.92 2.86 0.00	48.25 2.95 0.00	47.78 2.92 0.00	43.55 2.35 0.00	39.50 2.22 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00

ELLENBURG_WT_PWR 323604	8.38 -2.47 20.02	7.94 -2.04 18.34	8.81 -1.75 15.10	9.56 -1.62 13.77	9.61 -1.64 14.77	9.60 -1.78 16.82	19.77 -2.05 12.36	21.42 -2.31 14.74	36.11 -2.14 0.00	33.81 -2.04 0.01	28.64 -2.12 5.69	19.72 -2.11 13.28	28.85 -2.05 5.07	28.90 -2.32 3.98	27.46 -2.19 6.30	30.53 -2.26 3.12	36.40 -2.54 0.78	17.32 -2.77 23.96	12.66 -3.17 29.47	13.51 -3.01 28.35	11.42 -3.01 26.77	9.60 -2.68 22.99	9.28 -2.46 21.06	8.50 -2.57 20.29
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.51 -1.36 0.00	26.74 -1.59 0.00	24.35 -1.31 0.00	23.68 -1.27 0.00	24.71 -1.30 0.00	26.98 -1.21 0.00	32.71 -1.47 0.00	36.08 -2.39 0.00	35.96 -2.30 0.00	34.07 -1.79 0.00	34.92 -1.53 0.00	33.77 -1.33 0.00	35.00 -0.97 0.00	34.57 -0.63 0.00	34.81 -1.15 0.00	34.40 -1.51 0.00	38.45 -1.27 0.00	42.47 -1.59 0.00	43.27 -2.04 0.00	42.71 -2.15 0.00	39.59 -1.61 0.00	33.54 -1.73 0.00	32.57 -0.23 0.00	31.01 -0.34 0.00
EMPIRE_CC_1 323656	31.71 0.83 0.00	29.11 0.79 0.00	26.42 0.77 0.00	25.70 0.75 0.00	26.79 0.78 0.00	29.07 0.87 0.00	35.10 0.92 0.00	39.51 1.04 0.00	39.06 0.80 0.00	36.54 0.68 0.00	37.11 0.66 0.00	35.70 0.60 0.00	36.35 0.54 0.16	35.51 0.49 0.19	36.05 0.57 0.48	36.52 0.61 0.00	40.55 0.84 0.00	45.15 1.10 0.00	46.62 1.31 0.00	46.08 1.21 0.00	42.18 0.99 0.00	36.08 0.81 0.00	33.42 0.62 0.00	32.07 0.72 0.00
EMPIRE_CC_2 323658	31.71 0.83 0.00	29.11 0.79 0.00	26.42 0.77 0.00	25.70 0.75 0.00	26.79 0.78 0.00	29.07 0.87 0.00	35.10 0.92 0.00	39.51 1.04 0.00	39.06 0.80 0.00	36.54 0.68 0.00	37.11 0.66 0.00	35.70 0.60 0.00	36.35 0.54 0.16	35.51 0.49 0.19	36.05 0.57 0.48	36.52 0.61 0.00	40.55 0.84 0.00	45.15 1.10 0.00	46.62 1.31 0.00	46.08 1.21 0.00	42.18 0.99 0.00	36.08 0.81 0.00	33.42 0.62 0.00	32.07 0.72 0.00
ENORWICH_115KV_TB1 80156	32.79 1.91 0.00	29.99 1.67 0.00	27.14 1.49 0.00	26.40 1.45 0.00	27.52 1.51 0.00	30.03 1.83 0.00	36.78 2.60 0.00	41.32 2.85 0.00	40.89 2.64 0.00	38.62 2.76 0.00	39.08 2.62 0.00	37.67 2.56 0.00	38.52 2.55 0.00	37.88 2.68 0.00	38.65 2.70 0.00	38.42 2.51 0.00	42.78 3.06 0.00	47.49 3.44 0.00	49.12 3.81 0.00	48.59 3.72 0.00	44.53 3.34 0.00	38.05 2.79 0.00	35.56 2.76 0.00	33.70 2.35 0.00
ERIE_ST_34_KV_TB1-2 80199	29.79 -1.08 0.00	26.99 -1.33 0.00	24.58 -1.08 0.00	23.90 -1.05 0.00	24.95 -1.07 0.00	27.29 -0.90 0.00	33.15 -1.03 0.00	36.74 -1.73 0.00	36.57 -1.68 0.00	34.61 -1.26 0.00	35.51 -0.95 0.00	34.37 -0.74 0.00	35.61 -0.36 0.00	35.20 0.00 0.00	35.45 -0.50 0.00	35.05 -0.86 0.00	39.20 -0.52 0.00	43.21 -0.84 0.00	44.09 -1.22 0.00	43.56 -1.30 0.00	40.29 -0.91 0.00	34.10 -1.16 0.00	33.00 0.20 0.00	31.38 0.03 0.00
ERIE_WT_PWR 323693	29.67 -1.20 0.00	26.93 -1.39 0.00	24.48 -1.18 0.00	23.80 -1.15 0.00	24.82 -1.20 0.00	27.12 -1.07 0.00	32.92 -1.26 0.00	36.35 -2.12 0.00	36.22 -2.03 0.00	34.28 -1.58 0.00	35.18 -1.28 0.00	34.02 -1.09 0.00	35.25 -0.72 0.00	34.78 -0.42 0.00	34.99 -0.97 0.00	34.69 -1.22 0.00	38.76 -0.95 0.00	42.77 -1.28 0.00	43.50 -1.81 0.00	43.07 -1.80 0.00	39.80 -1.40 0.00	33.82 -1.45 0.00	32.80 0.00 0.00	31.23 -0.12 0.00
ESPRGFLD_115KV_TB1 80157	32.88 2.01 0.00	30.16 1.84 0.00	27.32 1.67 0.00	26.55 1.60 0.00	27.71 1.69 0.00	30.11 1.92 0.00	36.67 2.50 0.00	41.09 2.62 0.00	40.93 2.68 0.00	38.37 2.51 0.00	38.86 2.41 0.00	37.42 2.32 0.00	38.20 2.27 0.04	37.38 2.22 0.04	38.18 2.34 0.11	38.31 2.41 0.00	42.62 2.90 0.00	47.44 3.39 0.00	48.93 3.62 0.00	48.41 3.54 0.00	44.33 3.13 0.00	37.84 2.57 0.00	35.13 2.33 0.00	33.49 2.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.49 0.62 0.00	28.83 0.51 0.00	26.14 0.49 0.00	25.43 0.47 0.00	26.51 0.49 0.00	28.84 0.65 0.00	35.17 0.99 0.00	39.62 1.15 0.00	39.25 0.99 0.00	36.79 0.93 0.00	37.40 0.95 0.00	36.02 0.91 0.00	36.98 1.01 0.00	36.26 1.06 0.00	37.03 1.08 0.00	36.95 1.04 0.00	41.07 1.35 0.00	45.55 1.50 0.00	46.90 1.59 0.00	46.39 1.53 0.00	42.52 1.32 0.00	36.39 1.13 0.00	34.02 1.21 0.00	32.33 0.97 0.00
ETNA____115KV_TB2 80207	31.49 0.62 0.00	28.83 0.51 0.00	26.14 0.49 0.00	25.43 0.47 0.00	26.51 0.49 0.00	28.84 0.65 0.00	35.17 0.99 0.00	39.62 1.15 0.00	39.25 0.99 0.00	36.79 0.93 0.00	37.40 0.95 0.00	36.02 0.91 0.00	36.98 1.01 0.00	36.26 1.06 0.00	37.03 1.08 0.00	36.95 1.04 0.00	41.07 1.35 0.00	45.55 1.50 0.00	46.90 1.59 0.00	46.39 1.53 0.00	42.52 1.32 0.00	36.39 1.13 0.00	34.02 1.21 0.00	32.33 0.97 0.00
EUCLID____115KV_TB2 356179	30.90 0.03 0.00	28.29 -0.03 0.00	25.63 -0.03 0.00	24.95 0.00 0.00	26.01 0.00 0.00	28.22 0.03 0.00	34.32 0.14 0.00	38.58 0.12 0.00	38.37 0.11 0.00	36.01 0.14 0.00	36.64 0.18 0.00	35.32 0.21 0.00	36.22 0.25 0.00	35.48 0.28 0.00	36.21 0.25 0.00	36.09 0.18 0.00	40.00 0.28 0.00	44.32 0.26 0.00	45.54 0.23 0.00	45.04 0.18 0.00	41.36 0.16 0.00	35.44 0.18 0.00	33.10 0.30 0.00	31.51 0.16 0.00
E_CANADA_CAP_HY 24051	33.40 2.53 0.00	30.64 2.32 0.00	27.76 2.10 0.00	26.97 2.02 0.00	28.15 2.13 0.00	30.65 2.45 0.00	37.26 3.08 0.00	41.62 3.16 0.00	41.35 3.10 0.00	38.52 2.65 0.00	38.97 2.51 0.00	37.49 2.39 0.00	38.18 2.27 0.06	37.36 2.22 0.06	38.20 2.41 0.16	38.57 2.66 0.00	43.17 3.45 0.00	48.24 4.19 0.00	49.80 4.49 0.00	49.26 4.40 0.00	45.07 3.87 0.00	38.44 3.18 0.00	35.59 2.79 0.00	33.89 2.54 0.00
E_CANADA_MHWK_HY 24050	31.46 -0.37 -0.96	28.86 -0.34 -0.88	26.04 -0.33 -0.72	25.29 -0.33 -0.66	26.38 -0.34 -0.71	28.63 -0.37 -0.81	34.36 -0.41 -0.59	38.72 -0.46 -0.71	37.75 -0.50 0.00	35.40 -0.47 0.00	36.25 -0.47 -0.27	35.28 -0.46 -0.64	35.71 -0.50 -0.24	34.90 -0.49 -0.19	35.75 -0.50 -0.30	35.56 -0.50 -0.15	39.24 -0.52 -0.04	44.72 -0.48 -1.15	46.36 -0.36 -1.41	45.78 -0.45 -1.36	42.07 -0.41 -1.28	36.01 -0.35 -1.10	33.42 -0.39 -1.01	31.95 -0.37 -0.97
E_FISHKILL____LBMP 23776	32.17 1.30 0.00	29.43 1.10 0.00	26.60 0.95 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.27 1.07 0.00	35.48 1.30 0.00	40.01 1.54 0.00	39.63 1.38 0.00	37.08 1.22 0.00	37.69 1.24 0.00	36.26 1.16 0.00	37.22 1.15 -0.10	36.45 1.13 -0.12	37.44 1.19 -0.30	37.13 1.22 0.00	41.19 1.47 0.00	45.86 1.81 0.00	47.17 1.86 0.00	46.70 1.84 0.00	42.72 1.52 0.00	36.57 1.30 0.00	33.79 0.98 0.00	32.42 1.07 0.00
FALCON____SEABRD_CC1 323796	8.69 -2.16 20.02	8.16 -1.81 18.34	8.99 -1.57 15.10	9.71 -1.47 13.77	9.76 -1.48 14.77	9.77 -1.61 16.82	20.01 -1.81 12.36	21.69 -2.04 14.74	36.38 -1.87 0.00	33.99 -1.87 0.01	28.86 -1.90 5.69	19.93 -1.90 13.28	29.00 -1.91 5.07	29.15 -2.08 3.98	27.64 -2.01 6.30	30.78 -2.01 3.12	36.72 -2.22 0.78	17.67 -2.42 23.96	13.12 -2.72 29.47	13.91 -2.60 28.35	11.83 -2.59 26.77	9.95 -2.33 22.99	9.58 -2.17 21.06	8.81 -2.26 20.29

FALCON___SEABRD_CC2 323797	8.69 -2.16 20.02	8.16 -1.81 18.34	8.99 -1.57 15.10	9.71 -1.47 13.77	9.76 -1.48 14.77	9.77 -1.61 16.82	20.01 -1.81 12.36	21.69 -2.04 14.74	36.38 -1.87 0.00	33.99 -1.87 0.01	28.86 -1.90 5.69	19.93 -1.90 13.28	29.00 -1.91 5.07	29.15 -2.08 3.98	27.64 -2.01 6.30	30.78 -2.01 3.12	36.72 -2.22 0.78	17.67 -2.42 23.96	13.12 -2.72 29.47	13.91 -2.60 28.35	11.83 -2.59 26.77	9.95 -2.33 22.99	9.58 -2.17 21.06	8.81 -2.26 20.29
FAR ROCKAWAY___4 23548	35.73 2.44 -2.42	30.84 2.07 -0.45	29.64 1.82 -2.16	28.17 1.72 -1.50	29.44 1.82 -1.61	34.71 2.00 -4.52	38.80 2.50 -2.13	42.13 2.89 -0.77	41.01 2.75 0.00	40.40 2.55 -1.99	39.11 2.66 0.00	41.05 2.60 -3.35	39.08 2.63 -0.48	39.35 2.57 -1.58	38.83 2.59 -0.29	39.29 2.62 -0.76	43.99 2.98 -1.30	47.53 3.48 0.00	48.89 3.58 0.00	48.45 3.59 0.00	44.08 2.88 0.00	39.96 2.68 -2.01	35.91 2.23 -0.87	33.55 2.19 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.70 1.82 -0.01	29.79 1.47 0.00	26.94 1.28 0.00	26.15 1.20 0.00	27.32 1.30 0.00	29.63 1.44 0.00	36.07 1.88 -0.01	40.69 2.19 -0.03	41.93 2.07 -1.61	39.12 1.86 -1.39	41.99 1.90 -3.64	44.08 1.83 -7.15	44.02 1.83 -6.21	43.75 1.80 -6.75	41.91 1.87 -4.09	43.76 1.90 -5.95	47.89 2.22 -5.95	46.71 2.64 -0.02	47.99 2.67 -0.01	47.52 2.65 -0.01	43.47 2.27 -0.01	38.39 1.97 -1.15	34.35 1.54 -0.01	32.96 1.60 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.70 1.82 -0.01	29.79 1.47 0.00	26.94 1.28 0.00	26.15 1.20 0.00	27.32 1.30 0.00	29.63 1.44 0.00	36.07 1.88 -0.01	40.69 2.19 -0.03	41.93 2.07 -1.61	39.12 1.86 -1.39	41.99 1.90 -3.64	44.08 1.83 -7.15	44.02 1.83 -6.21	43.75 1.80 -6.75	41.91 1.87 -4.09	43.76 1.90 -5.95	47.89 2.22 -5.95	46.71 2.64 -0.02	47.99 2.67 -0.01	47.52 2.65 -0.01	43.47 2.27 -0.01	38.39 1.97 -1.15	34.38 1.57 -0.01	32.96 1.60 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.67 1.79 -0.01	29.79 1.47 0.00	26.91 1.26 0.00	26.15 1.20 0.00	27.32 1.30 0.00	29.60 1.41 0.00	36.03 1.85 -0.01	40.69 2.19 -0.03	41.93 2.07 -1.61	39.12 1.86 -1.39	41.99 1.90 -3.64	44.04 1.79 -7.15	44.02 1.83 -6.21	43.71 1.76 -6.75	41.88 1.83 -4.09	43.72 1.87 -5.95	47.85 2.18 -5.95	46.67 2.60 -0.02	47.95 2.63 -0.01	47.48 2.60 -0.01	43.43 2.22 -0.01	38.36 1.94 -1.15	34.35 1.54 -0.01	32.93 1.57 -0.01
FARRAGUT___LBMP 323566	32.64 1.76 -0.01	29.77 1.44 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.29 1.27 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.65 2.15 -0.03	41.89 2.03 -1.61	39.08 1.83 -1.39	41.95 1.86 -3.64	44.04 1.79 -7.15	43.98 1.80 -6.21	43.67 1.72 -6.75	41.84 1.80 -4.09	43.69 1.83 -5.95	47.81 2.14 -5.95	46.62 2.55 -0.02	47.95 2.63 -0.01	47.43 2.56 -0.01	43.43 2.22 -0.01	38.32 1.90 -1.15	34.32 1.51 -0.01	32.90 1.54 -0.01
FENNER___WINDPWR 24204	31.61 0.74 0.00	28.97 0.65 0.00	26.25 0.59 0.00	25.53 0.57 0.00	26.61 0.60 0.00	28.90 0.71 0.00	35.20 1.02 0.00	39.62 1.15 0.00	39.32 1.07 0.00	36.94 1.07 0.00	37.51 1.06 0.00	36.16 1.05 0.00	37.05 1.08 0.00	36.30 1.09 0.00	37.03 1.08 0.00	36.91 1.00 0.00	40.95 1.23 0.00	45.37 1.32 0.00	46.76 1.45 0.00	46.26 1.39 0.00	42.43 1.23 0.00	36.32 1.06 0.00	33.85 1.05 0.00	32.26 0.91 0.00
FIBERTEK___ENERGY 23856	31.24 0.37 0.00	28.60 0.28 0.00	25.91 0.26 0.00	25.20 0.25 0.00	26.28 0.26 0.00	28.53 0.34 0.00	34.69 0.51 0.00	39.08 0.62 0.00	38.83 0.57 0.00	36.44 0.57 0.00	37.07 0.62 0.00	35.74 0.63 0.00	36.69 0.72 0.00	35.91 0.70 0.00	36.64 0.68 0.00	36.55 0.65 0.00	40.51 0.79 0.00	44.84 0.79 0.00	46.08 0.77 0.00	45.58 0.72 0.00	41.86 0.66 0.00	35.86 0.60 0.00	33.49 0.69 0.00	31.89 0.53 0.00
FITZPATRICK____ 23598	30.50 -0.37 0.00	27.95 -0.37 0.00	25.35 -0.31 0.00	24.65 -0.30 0.00	25.70 -0.31 0.00	27.88 -0.31 0.00	33.84 -0.34 0.00	38.05 -0.42 0.00	37.87 -0.38 0.00	35.54 -0.32 0.00	36.16 -0.29 0.00	34.82 -0.28 0.00	35.72 -0.25 0.00	34.99 -0.21 0.00	35.71 -0.25 0.00	35.62 -0.29 0.00	39.44 -0.28 0.00	43.75 -0.31 0.00	44.95 -0.36 0.00	44.46 -0.40 0.00	40.83 -0.37 0.00	34.95 -0.32 0.00	32.64 -0.16 0.00	31.14 -0.22 0.00
FLOWRFLD_69_KV_BK1 356044	35.17 1.88 -2.42	30.54 1.59 -0.63	29.28 1.46 -2.16	27.78 1.32 -1.50	29.03 1.40 -1.61	34.32 1.61 -4.52	38.46 2.15 -2.13	41.90 2.65 -0.77	40.78 2.52 0.00	40.07 2.22 -1.99	38.82 2.37 0.00	40.77 2.32 -3.35	38.75 2.30 -0.48	39.10 2.32 -1.58	38.58 2.34 -0.29	39.18 2.51 -0.76	43.99 2.98 -1.30	47.75 3.70 0.00	49.12 3.81 0.00	48.68 3.81 0.00	44.04 2.84 0.00	39.89 2.61 -2.01	35.54 1.87 -0.87	33.17 1.82 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.48 1.61 0.00	29.71 1.39 0.00	26.83 1.18 0.00	26.07 1.12 0.00	27.21 1.20 0.00	29.55 1.35 0.00	35.85 1.67 0.00	40.39 1.92 0.00	40.09 1.84 0.00	37.48 1.61 0.00	38.13 1.68 0.00	36.68 1.58 0.00	37.63 1.58 -0.08	36.77 1.48 -0.09	37.81 1.62 -0.23	37.52 1.62 0.00	41.62 1.91 0.00	46.30 2.25 0.00	47.71 2.40 0.00	47.20 2.33 0.00	43.22 2.02 0.00	36.96 1.69 0.00	34.08 1.28 0.00	32.73 1.38 0.00
FORT ORANGE____ 23900	31.40 0.52 0.00	28.83 0.51 0.00	26.14 0.49 0.00	25.42 0.47 0.00	26.51 0.49 0.00	28.73 0.53 0.00	34.76 0.58 0.00	39.12 0.65 0.00	38.71 0.46 0.00	36.22 0.36 0.00	36.74 0.29 0.00	35.35 0.25 0.00	36.11 0.22 0.08	35.25 0.14 0.09	35.97 0.25 0.24	36.19 0.29 0.00	40.20 0.48 0.00	44.80 0.75 0.00	46.22 0.91 0.00	45.72 0.85 0.00	41.85 0.66 0.00	35.76 0.49 0.00	33.10 0.29 0.00	31.73 0.38 0.00
FORT_DRUM_COGEN 23780	27.55 0.80 4.13	25.25 0.71 3.78	23.18 0.64 3.11	22.74 0.62 2.84	23.59 0.62 3.05	25.54 0.82 3.47	33.00 1.37 2.55	37.01 1.58 3.04	39.71 1.45 0.00	37.33 1.47 0.00	36.52 1.24 1.17	33.49 1.12 2.74	36.00 1.08 1.05	35.47 1.09 0.82	35.73 1.08 1.30	36.23 0.97 0.64	40.71 1.15 0.16	40.30 1.19 4.94	40.82 1.59 6.08	40.63 1.62 5.85	37.12 1.44 5.52	31.79 1.27 4.74	29.67 1.21 4.34	28.14 0.97 4.18
FOX_HILLS___ESR 323835	32.99 2.10 -0.02	30.11 1.78 0.00	27.22 1.56 0.00	26.40 1.45 0.00	27.60 1.59 0.00	29.83 1.64 0.00	36.20 2.02 -0.01	40.46 1.96 -0.03	40.67 1.84 -0.58	38.94 1.65 -1.43	40.63 1.75 -2.42	40.67 1.65 -3.91	40.69 1.69 -3.03	40.66 1.62 -3.84	40.59 1.69 -2.94	40.85 1.72 -3.22	41.95 2.03 -0.21	42.79 2.42 3.68	42.89 2.54 4.96	43.03 2.47 4.30	41.93 2.14 1.41	38.53 2.08 -1.19	34.59 1.77 -0.02	33.22 1.85 -0.02
FPL FAR_ROCK_GT1 24212	35.73 2.44 -2.42	30.84 2.07 -0.45	29.64 1.82 -2.16	28.17 1.72 -1.50	29.44 1.82 -1.61	34.71 2.00 -4.52	38.77 2.46 -2.13	42.13 2.89 -0.77	41.01 2.76 0.00	40.36 2.51 -1.99	39.08 2.63 0.00	40.98 2.53 -3.35	39.04 2.59 -0.48	39.28 2.50 -1.58	38.83 2.59 -0.29	39.25 2.59 -0.76	44.07 3.06 -1.30	47.58 3.53 0.00	48.94 3.63 0.00	48.41 3.54 0.00	44.29 3.09 0.00	39.92 2.65 -2.01	35.91 2.23 -0.87	33.55 2.19 0.00

FPL FAR_ROCK_GT2 23815	35.73 2.44 -2.42	30.84 2.07 -0.45	29.64 1.82 -2.16	28.17 1.72 -1.50	29.44 1.82 -1.61	34.71 2.00 -4.52	38.77 2.46 -2.13	42.13 2.89 -0.77	41.01 2.76 0.00	40.36 2.51 -1.99	39.08 2.63 0.00	40.98 2.53 -3.35	39.04 2.59 -0.48	39.28 2.50 -1.58	38.83 2.59 -0.29	39.25 2.59 -0.76	44.07 3.06 -1.30	47.58 3.53 0.00	48.94 3.63 0.00	48.41 3.54 0.00	44.29 3.09 0.00	39.92 2.65 -2.01	35.91 2.23 -0.87	33.55 2.19 0.00
FRANKLIN_FALL_HYD 24054	10.93 -1.23 18.71	10.13 -1.05 17.14	10.62 -0.92 14.11	11.21 -0.87 12.87	11.33 -0.88 13.80	11.52 -0.96 15.72	21.60 -1.03 11.55	23.58 -1.12 13.78	37.26 -0.99 0.00	34.81 -1.04 0.01	30.08 -1.06 5.32	21.60 -1.09 12.41	30.08 -1.15 4.74	30.25 -1.23 3.72	28.84 -1.22 5.89	31.77 -1.22 2.92	37.68 -1.31 0.73	20.07 -1.59 22.39	16.00 -1.77 27.55	16.71 -1.66 26.50	14.57 -1.61 25.02	12.30 -1.48 21.48	11.71 -1.41 19.68	11.01 -1.38 18.96
FREEPORT_EQUS_GT1 23764	35.48 2.19 -2.42	30.61 1.84 -0.45	29.43 1.62 -2.16	27.98 1.52 -1.50	29.26 1.64 -1.61	34.52 1.81 -4.52	38.53 2.22 -2.13	41.86 2.62 -0.77	40.74 2.49 0.00	40.07 2.22 -1.99	38.64 2.19 0.00	40.53 2.07 -3.35	38.57 2.12 -0.48	38.86 2.08 -1.58	38.40 2.16 -0.29	38.86 2.19 -0.76	43.63 2.62 -1.30	46.91 2.86 0.00	48.25 2.94 0.00	47.74 2.87 0.00	43.84 2.64 0.00	39.64 2.36 -2.01	35.58 1.90 -0.87	33.30 1.94 0.00
FREEPORT___CT2 23818	35.48 2.19 -2.42	30.61 1.84 -0.45	29.43 1.62 -2.16	27.98 1.52 -1.50	29.26 1.64 -1.61	34.52 1.81 -4.52	38.53 2.22 -2.13	41.86 2.62 -0.77	40.74 2.49 0.00	40.07 2.22 -1.99	38.64 2.19 0.00	40.53 2.07 -3.35	38.57 2.12 -0.48	38.86 2.08 -1.58	38.40 2.16 -0.29	38.86 2.19 -0.76	43.63 2.62 -1.30	46.91 2.86 0.00	48.25 2.94 0.00	47.74 2.87 0.00	43.84 2.64 0.00	39.64 2.36 -2.01	35.58 1.90 -0.87	33.30 1.94 0.00
FRESHKLS_33_KV_LOAD 356253	33.05 2.16 -0.02	30.19 1.87 0.00	27.30 1.64 0.00	26.47 1.52 0.00	27.68 1.66 0.00	29.89 1.69 0.00	36.27 2.08 -0.01	40.42 1.92 -0.03	40.63 1.80 -0.58	38.87 1.58 -1.43	40.55 1.68 -2.42	40.63 1.61 -3.91	40.62 1.62 -3.03	40.63 1.58 -3.84	40.55 1.65 -2.94	40.81 1.69 -3.22	41.88 1.95 -0.21	42.75 2.38 3.68	42.84 2.49 4.96	42.99 2.42 4.30	41.89 2.10 1.41	38.57 2.12 -1.19	34.65 1.84 -0.02	33.28 1.91 -0.02
FULTON COGEN____ 23766	30.87 0.68 0.68	28.27 0.57 0.62	25.66 0.51 0.51	24.98 0.50 0.47	26.06 0.55 0.50	28.27 0.65 0.57	34.75 0.99 0.42	39.09 1.12 0.50	39.32 1.07 0.00	36.90 1.04 0.00	37.35 1.09 0.19	35.74 1.09 0.45	36.99 1.19 0.17	36.19 1.13 0.13	36.89 1.15 0.21	36.84 1.04 0.11	40.96 1.27 0.03	44.61 1.37 0.81	45.67 1.36 1.00	45.25 1.35 0.96	41.49 1.19 0.91	35.54 1.06 0.78	33.20 1.12 0.71	31.54 0.88 0.69
FULTON___LFGE 323630	33.25 2.38 0.00	30.47 2.15 0.00	27.63 1.98 0.00	26.87 1.92 0.00	28.02 2.00 0.00	30.51 2.31 0.00	37.01 2.84 0.00	41.39 2.92 0.00	41.16 2.91 0.00	38.33 2.47 0.00	38.82 2.37 0.00	37.39 2.28 0.00	38.10 2.19 0.06	37.21 2.08 0.07	38.04 2.27 0.19	38.42 2.51 0.00	42.93 3.22 0.00	47.93 3.88 0.00	49.48 4.17 0.00	48.99 4.12 0.00	44.78 3.58 0.00	38.23 2.96 0.00	35.36 2.56 0.00	33.71 2.35 0.00
G.F.CEMENT___DRP 24184	32.85 1.98 0.00	30.13 1.81 0.00	27.35 1.69 0.00	26.60 1.65 0.00	27.71 1.69 0.00	30.14 1.95 0.00	36.47 2.29 0.00	40.93 2.46 0.00	40.66 2.41 0.00	38.12 2.26 0.00	38.75 2.30 0.00	37.32 2.21 0.00	38.00 2.12 0.10	36.99 1.90 0.11	37.65 1.98 0.28	38.06 2.15 0.00	42.18 2.46 0.00	47.22 3.17 0.00	48.75 3.44 0.00	48.19 3.32 0.00	44.04 2.84 0.00	37.59 2.33 0.00	34.77 1.97 0.00	33.23 1.88 0.00
GARDENVILLE___LBMP 24039	29.54 -1.33 0.00	26.76 -1.56 0.00	24.37 -1.28 0.00	23.70 -1.25 0.00	24.74 -1.27 0.00	27.04 -1.16 0.00	32.78 -1.40 0.00	36.24 -2.23 0.00	36.07 -2.18 0.00	34.18 -1.69 0.00	35.03 -1.42 0.00	33.88 -1.23 0.00	35.14 -0.83 0.00	34.71 -0.49 0.00	34.95 -1.01 0.00	34.58 -1.33 0.00	38.64 -1.07 0.00	42.64 -1.41 0.00	43.45 -1.86 0.00	42.94 -1.93 0.00	39.80 -1.40 0.00	33.68 -1.59 0.00	32.67 -0.13 0.00	31.13 -0.22 0.00
GARDNVLA_35_KV_LD 355827	29.70 -1.17 0.00	26.88 -1.44 0.00	24.47 -1.18 0.00	23.80 -1.15 0.00	24.84 -1.17 0.00	27.15 -1.04 0.00	32.91 -1.26 0.00	36.39 -2.08 0.00	36.23 -2.03 0.00	34.32 -1.54 0.00	35.18 -1.28 0.00	34.02 -1.09 0.00	35.29 -0.68 0.00	34.89 -0.32 0.00	35.09 -0.86 0.00	34.69 -1.22 0.00	38.80 -0.91 0.00	42.82 -1.23 0.00	43.63 -1.68 0.00	43.12 -1.75 0.00	39.92 -1.28 0.00	33.82 -1.45 0.00	32.80 0.00 0.00	31.26 -0.09 0.00
GELCKHM___115KV_LOAD 80723	31.03 0.15 0.00	28.41 0.08 0.00	25.73 0.08 0.00	25.03 0.07 0.00	26.12 0.10 0.00	28.33 0.14 0.00	34.45 0.27 0.00	38.78 0.31 0.00	38.52 0.27 0.00	36.15 0.29 0.00	36.82 0.36 0.00	35.46 0.35 0.00	36.40 0.43 0.00	35.63 0.42 0.00	36.35 0.40 0.00	36.27 0.36 0.00	40.15 0.44 0.00	44.54 0.48 0.00	45.76 0.45 0.00	45.27 0.40 0.00	41.53 0.33 0.00	35.58 0.32 0.00	33.23 0.43 0.00	31.64 0.28 0.00
GENERAL___MILLS 23808	29.64 -1.23 0.00	26.85 -1.47 0.00	24.45 -1.21 0.00	23.78 -1.17 0.00	24.82 -1.20 0.00	27.12 -1.07 0.00	32.88 -1.30 0.00	36.32 -2.15 0.00	36.19 -2.07 0.00	34.25 -1.61 0.00	35.14 -1.31 0.00	33.98 -1.12 0.00	35.21 -0.76 0.00	34.82 -0.39 0.00	35.06 -0.90 0.00	34.65 -1.26 0.00	38.72 -0.99 0.00	42.73 -1.32 0.00	43.59 -1.72 0.00	43.03 -1.84 0.00	39.88 -1.32 0.00	33.75 -1.52 0.00	32.77 -0.03 0.00	31.20 -0.16 0.00
GE_PLASTICS___DRP 24183	31.37 0.49 0.00	28.80 0.48 0.00	26.12 0.46 0.00	25.40 0.45 0.00	26.48 0.47 0.00	28.70 0.51 0.00	34.69 0.51 0.00	39.05 0.58 0.00	38.67 0.42 0.00	36.18 0.32 0.00	36.74 0.29 0.00	35.35 0.25 0.00	36.11 0.22 0.07	35.29 0.18 0.08	35.96 0.22 0.22	36.20 0.29 0.00	40.11 0.40 0.00	44.71 0.66 0.00	46.13 0.82 0.00	45.63 0.76 0.00	41.73 0.54 0.00	35.72 0.46 0.00	33.06 0.26 0.00	31.70 0.34 0.00
GILBOA___1 23756	31.52 0.65 0.00	29.09 0.76 0.00	26.37 0.72 0.00	25.63 0.67 0.00	26.74 0.73 0.00	28.79 0.59 0.00	34.83 0.65 0.00	39.24 0.77 0.00	38.90 0.65 0.00	36.43 0.57 0.00	37.00 0.55 0.00	35.63 0.53 0.00	36.47 0.50 0.00	35.70 0.49 0.00	36.50 0.54 0.00	36.48 0.57 0.00	40.47 0.75 0.00	44.89 0.83 0.00	46.22 0.91 0.00	45.72 0.85 0.00	41.90 0.70 0.00	35.90 0.64 0.00	33.29 0.49 0.00	31.89 0.53 0.00
GILBOA___2 23757	31.52 0.65 0.00	29.09 0.76 0.00	26.37 0.72 0.00	25.63 0.67 0.00	26.74 0.73 0.00	28.79 0.59 0.00	34.83 0.65 0.00	39.24 0.77 0.00	38.90 0.65 0.00	36.43 0.57 0.00	37.00 0.55 0.00	35.63 0.53 0.00	36.47 0.50 0.00	35.70 0.49 0.00	36.50 0.54 0.00	36.48 0.57 0.00	40.47 0.75 0.00	44.89 0.83 0.00	46.22 0.91 0.00	45.72 0.85 0.00	41.90 0.70 0.00	35.90 0.64 0.00	33.29 0.49 0.00	31.89 0.53 0.00

GILBOA___3 23758	31.52 0.65 0.00	29.09 0.76 0.00	26.37 0.72 0.00	25.63 0.67 0.00	26.74 0.73 0.00	28.79 0.59 0.00	34.83 0.65 0.00	39.24 0.77 0.00	38.90 0.65 0.00	36.43 0.57 0.00	37.00 0.55 0.00	35.63 0.53 0.00	36.47 0.50 0.00	35.70 0.49 0.00	36.50 0.54 0.00	36.48 0.57 0.00	40.47 0.75 0.00	44.89 0.83 0.00	46.22 0.91 0.00	45.72 0.85 0.00	41.90 0.70 0.00	35.90 0.64 0.00	33.29 0.49 0.00	31.89 0.53 0.00
GILBOA___4 23759	31.52 0.65 0.00	29.09 0.76 0.00	26.37 0.72 0.00	25.63 0.67 0.00	26.74 0.73 0.00	28.79 0.59 0.00	34.83 0.65 0.00	39.24 0.77 0.00	38.90 0.65 0.00	36.43 0.57 0.00	37.00 0.55 0.00	35.63 0.53 0.00	36.47 0.50 0.00	35.70 0.49 0.00	36.50 0.54 0.00	36.48 0.57 0.00	40.47 0.75 0.00	44.89 0.83 0.00	46.22 0.91 0.00	45.72 0.85 0.00	41.90 0.70 0.00	35.90 0.64 0.00	33.29 0.49 0.00	31.89 0.53 0.00
GILBOA___ 23599	31.52 0.65 0.00	29.11 0.79 0.00	26.37 0.72 0.00	25.62 0.67 0.00	26.74 0.73 0.00	28.79 0.59 0.00	34.83 0.65 0.00	39.24 0.77 0.00	38.90 0.65 0.00	36.44 0.57 0.00	37.00 0.55 0.00	35.63 0.53 0.00	36.47 0.50 0.00	35.70 0.49 0.00	36.50 0.54 0.00	36.48 0.57 0.00	40.43 0.71 0.00	44.89 0.84 0.00	46.22 0.91 0.00	45.72 0.85 0.00	41.90 0.70 0.00	35.90 0.63 0.00	33.29 0.49 0.00	31.89 0.53 0.00
GINNA___ 23603	29.02 -1.85 0.00	26.39 -1.93 0.00	23.99 -1.67 0.00	23.33 -1.62 0.00	24.25 -1.77 0.00	26.42 -1.78 0.00	32.13 -2.05 0.00	35.78 -2.69 0.00	35.69 -2.56 0.00	33.82 -2.04 0.00	34.52 -1.93 0.00	33.32 -1.79 0.00	34.46 -1.51 0.00	33.83 -1.37 0.00	34.27 -1.69 0.00	34.19 -1.72 0.00	37.89 -1.83 0.00	42.03 -2.03 0.00	42.91 -2.40 0.00	42.40 -2.47 0.00	39.05 -2.14 0.00	33.26 -2.01 0.00	31.75 -1.05 0.00	30.13 -1.22 0.00
GLEN PARK___ 23778	28.00 1.05 3.92	25.66 0.93 3.59	23.52 0.82 2.96	23.05 0.80 2.70	23.93 0.81 2.89	25.94 1.04 3.30	33.40 1.64 2.42	37.43 1.85 2.89	39.98 1.72 0.00	37.58 1.72 0.00	36.80 1.46 1.12	33.87 1.37 2.60	36.27 1.29 0.99	35.76 1.34 0.78	36.05 1.33 1.24	36.52 1.22 0.61	41.03 1.47 0.15	40.94 1.58 4.70	41.62 2.09 5.78	41.37 2.06 5.56	37.81 1.86 5.25	32.38 1.62 4.50	30.22 1.54 4.13	28.63 1.26 3.98
GLENDALE_27_KV_LOAD 356172	32.86 1.98 -0.01	29.94 1.61 0.00	27.07 1.41 0.00	26.27 1.32 0.00	27.47 1.46 0.00	29.74 1.55 0.00	36.14 1.95 -0.01	40.77 2.27 -0.03	42.09 2.18 -1.66	39.23 1.94 -1.43	42.21 2.00 -3.75	44.41 1.93 -7.37	44.32 1.94 -6.40	44.06 1.90 -6.95	42.14 1.98 -4.21	44.05 2.01 -6.13	48.19 2.34 -6.13	46.84 2.78 -0.02	48.22 2.90 -0.01	47.65 2.78 -0.01	43.59 2.39 -0.01	38.53 2.08 -1.19	34.48 1.67 -0.01	33.12 1.76 -0.01
GLENWOOD_IC_1_G5 23712	35.48 2.19 -2.42	30.64 1.87 -0.45	29.43 1.62 -2.16	28.00 1.55 -1.50	29.26 1.64 -1.61	34.51 1.80 -4.52	38.60 2.29 -2.13	41.93 2.69 -0.77	40.82 2.56 0.00	40.18 2.33 -1.99	38.90 2.44 0.00	40.81 2.35 -3.35	38.83 2.37 -0.48	39.10 2.32 -1.58	38.58 2.34 -0.29	39.07 2.41 -0.76	43.40 2.38 -1.30	46.92 2.86 0.00	48.21 2.90 0.00	47.74 2.87 0.00	43.46 2.27 0.00	39.71 2.43 -2.01	35.64 1.97 -0.87	33.30 1.94 0.00
GLENWOOD_IC_2_G1 23688	35.42 2.13 -2.42	30.55 1.79 -0.45	29.38 1.57 -2.16	27.92 1.47 -1.50	29.21 1.59 -1.61	34.46 1.75 -4.52	38.50 2.19 -2.13	41.82 2.58 -0.77	40.70 2.45 0.00	40.07 2.22 -1.99	38.68 2.22 0.00	40.60 2.14 -3.35	38.61 2.16 -0.48	38.89 2.11 -1.58	38.44 2.19 -0.29	38.86 2.19 -0.76	43.63 2.62 -1.30	47.05 3.00 0.00	48.35 3.04 0.00	47.87 3.01 0.00	43.84 2.64 0.00	39.54 2.26 -2.01	35.54 1.87 -0.87	33.23 1.88 0.00
GLENWOOD_IC_3_G1 23689	35.42 2.13 -2.42	30.55 1.79 -0.45	29.38 1.57 -2.16	27.92 1.47 -1.50	29.21 1.59 -1.61	34.46 1.75 -4.52	38.50 2.19 -2.13	41.82 2.58 -0.77	40.70 2.45 0.00	40.07 2.22 -1.99	38.68 2.22 0.00	40.60 2.14 -3.35	38.61 2.16 -0.48	38.89 2.11 -1.58	38.44 2.19 -0.29	38.86 2.19 -0.76	43.63 2.62 -1.30	47.05 3.00 0.00	48.35 3.04 0.00	47.87 3.01 0.00	43.84 2.64 0.00	39.54 2.26 -2.01	35.54 1.87 -0.87	33.23 1.88 0.00
GLENWOOD___4 23550	35.48 2.19 -2.42	30.64 1.87 -0.45	29.43 1.62 -2.16	28.00 1.55 -1.50	29.26 1.64 -1.61	34.51 1.80 -4.52	38.60 2.29 -2.13	41.93 2.69 -0.77	40.82 2.56 0.00	40.18 2.33 -1.99	38.90 2.44 0.00	40.81 2.35 -3.35	38.83 2.37 -0.48	39.10 2.32 -1.58	38.58 2.34 -0.29	39.07 2.41 -0.76	43.48 2.46 -1.30	47.00 2.95 0.00	48.35 3.04 0.00	47.87 3.01 0.00	43.59 2.39 0.00	39.71 2.43 -2.01	35.64 1.97 -0.87	33.30 1.94 0.00
GLENWOOD___5 23614	35.48 2.19 -2.42	30.64 1.87 -0.45	29.43 1.62 -2.16	28.00 1.55 -1.50	29.26 1.64 -1.61	34.51 1.80 -4.52	38.60 2.29 -2.13	41.93 2.69 -0.77	40.82 2.56 0.00	40.18 2.33 -1.99	38.90 2.44 0.00	40.81 2.35 -3.35	38.83 2.37 -0.48	39.10 2.32 -1.58	38.58 2.34 -0.29	39.07 2.41 -0.76	43.48 2.46 -1.30	47.00 2.95 0.00	48.35 3.04 0.00	47.87 3.01 0.00	43.59 2.39 0.00	39.71 2.43 -2.01	35.64 1.97 -0.87	33.30 1.94 0.00
GLOBAL GREEN_PORT_GT1 23814	34.06 0.77 -2.42	26.66 0.60 2.26	28.61 0.80 -2.16	27.05 0.60 -1.50	28.24 0.62 -1.61	33.58 0.87 -4.52	37.61 1.30 -2.13	41.16 1.92 -0.77	40.20 1.95 0.00	39.61 1.76 -1.99	38.60 2.15 0.00	40.46 2.00 -3.35	38.47 2.01 -0.48	38.89 2.11 -1.58	38.51 2.27 -0.29	39.11 2.44 -0.76	43.95 2.94 -1.30	47.62 3.57 0.00	48.94 3.63 0.00	48.37 3.50 0.00	44.17 2.97 0.00	39.74 2.47 -2.01	35.05 1.38 -0.87	32.83 1.47 0.00
GLOBE___DSASP 323697	28.93 -1.94 0.00	26.20 -2.12 0.00	23.86 -1.80 0.00	23.20 -1.75 0.00	24.19 -1.82 0.00	26.42 -1.78 0.00	31.89 -2.29 0.00	34.97 -3.50 0.00	34.77 -3.48 0.00	32.99 -2.87 0.00	33.79 -2.66 0.00	32.68 -2.42 0.00	33.85 -2.12 0.00	33.37 -1.83 0.00	33.55 -2.41 0.00	33.18 -2.73 0.00	37.10 -2.62 0.00	40.97 -3.08 0.00	41.68 -3.62 0.00	41.14 -3.72 0.00	38.27 -2.93 0.00	32.41 -2.86 0.00	31.65 -1.15 0.00	30.16 -1.19 0.00
GOETHSLN___LBMP 323567	32.48 1.61 -0.01	29.62 1.30 0.00	26.76 1.10 0.00	25.97 1.02 0.00	27.13 1.12 0.00	29.43 1.24 0.00	35.83 1.64 -0.01	40.46 1.96 -0.03	41.66 1.80 -1.61	38.90 1.65 -1.39	41.73 1.64 -3.64	43.80 1.54 -7.15	43.77 1.58 -6.21	43.46 1.51 -6.75	41.66 1.62 -4.09	43.47 1.62 -5.95	47.57 1.91 -5.95	46.36 2.29 -0.02	47.63 2.31 -0.01	47.16 2.29 -0.01	43.14 1.94 -0.01	38.15 1.73 -1.15	34.12 1.31 -0.01	32.74 1.38 -0.01
GOLAH___69_KV_TB 1_2 80279	30.16 -0.71 0.00	27.36 -0.96 0.00	24.91 -0.74 0.00	24.20 -0.75 0.00	25.18 -0.83 0.00	27.46 -0.73 0.00	33.29 -0.89 0.00	36.89 -1.58 0.00	36.76 -1.49 0.00	34.82 -1.04 0.00	35.61 -0.84 0.00	34.33 -0.77 0.00	35.50 -0.47 0.00	34.99 -0.21 0.00	35.31 -0.65 0.00	35.15 -0.75 0.00	39.08 -0.64 0.00	43.26 -0.79 0.00	44.27 -1.04 0.00	43.74 -1.12 0.00	40.41 -0.78 0.00	34.28 -0.99 0.00	33.00 0.20 0.00	31.42 0.06 0.00

GOODYEAR_LAKE_HYD 323669	32.23 1.36 0.00	29.60 1.27 0.00	26.78 1.13 0.00	26.05 1.10 0.00	27.16 1.14 0.00	29.46 1.27 0.00	35.82 1.64 0.00	40.28 1.81 0.00	40.17 1.91 0.00	37.76 1.90 0.00	38.28 1.82 0.00	36.90 1.79 0.00	37.73 1.76 0.00	36.93 1.72 0.00	37.72 1.76 0.00	37.63 1.72 0.00	41.70 1.99 0.00	46.30 2.25 0.00	47.71 2.40 0.00	47.20 2.33 0.00	43.26 2.06 0.00	36.99 1.73 0.00	34.38 1.57 0.00	32.80 1.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.90 0.03 0.00	28.26 -0.06 0.00	25.68 0.03 0.00	24.95 0.00 0.00	26.04 0.03 0.00	28.31 0.11 0.00	34.42 0.24 0.00	38.66 0.19 0.00	38.37 0.11 0.00	36.04 0.18 0.00	36.71 0.26 0.00	35.39 0.28 0.00	36.37 0.40 0.00	35.70 0.49 0.00	36.35 0.40 0.00	36.23 0.32 0.00	40.27 0.56 0.00	44.67 0.62 0.00	45.81 0.50 0.00	45.31 0.45 0.00	41.65 0.45 0.00	35.58 0.32 0.00	33.36 0.56 0.00	31.79 0.44 0.00
GOUDEY___7 23579	30.90 0.03 0.00	28.26 -0.06 0.00	25.68 0.03 0.00	24.95 0.00 0.00	26.04 0.03 0.00	28.31 0.11 0.00	34.42 0.24 0.00	38.66 0.19 0.00	38.37 0.11 0.00	36.04 0.18 0.00	36.71 0.26 0.00	35.39 0.28 0.00	36.37 0.40 0.00	35.70 0.49 0.00	36.35 0.40 0.00	36.23 0.32 0.00	40.27 0.56 0.00	44.67 0.62 0.00	45.81 0.50 0.00	45.31 0.45 0.00	41.65 0.45 0.00	35.58 0.32 0.00	33.36 0.56 0.00	31.79 0.44 0.00
GOUDEY___8 23580	30.90 0.03 0.00	28.26 -0.06 0.00	25.68 0.03 0.00	24.95 0.00 0.00	26.04 0.03 0.00	28.31 0.11 0.00	34.42 0.24 0.00	38.66 0.19 0.00	38.37 0.11 0.00	36.04 0.18 0.00	36.71 0.26 0.00	35.39 0.28 0.00	36.37 0.40 0.00	35.70 0.49 0.00	36.35 0.40 0.00	36.23 0.32 0.00	40.27 0.56 0.00	44.67 0.62 0.00	45.81 0.50 0.00	45.31 0.45 0.00	41.65 0.45 0.00	35.58 0.32 0.00	33.36 0.56 0.00	31.79 0.44 0.00
GOWANUS_GT1_1 24077	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT1_2 24078	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT1_3 24079	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT1_4 24080	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT1_5 24084	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT1_6 24111	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT1_7 24112	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT1_8 24113	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT2_1 24114	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT2_2 24115	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT2_3 24116	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02

GOWANUS_GT2_4 24117	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT2_5 24118	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT2_6 24119	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT2_7 24120	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT2_8 24121	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT3_1 24122	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT3_2 24123	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT3_3 24124	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0																				

GOWANUS_GT4_3 24132	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT4_4 24133	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT4_5 24134	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT4_6 24135	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT4_7 24136	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GOWANUS_GT4_8 24137	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GREENBSH_115KV_TB3 55895	31.24 0.37 0.00	28.72 0.40 0.00	26.04 0.38 0.00	25.33 0.37 0.00	26.41 0.39 0.00	28.59 0.39 0.00	34.56 0.38 0.00	38.93 0.46 0.00	38.56 0.31 0.00	36.08 0.22 0.00	36.64 0.18 0.00	35.25 0.14 0.00	35.99 0.11 0.09	35.14 0.04 0.10	35.81 0.11 0.25	36.09 0.18 0.00	40.00 0.28 0.00	44.58 0.53 0.00	45.99 0.68 0.00	45.45 0.58 0.00	41.61 0.41 0.00	35.58 0.32 0.00	32.97 0.16 0.00	31.60 0.25 0.00
GREENDGE_115KV_TB5 80291	30.53 -0.34 0.00	27.84 -0.48 0.00	25.32 -0.33 0.00	24.63 -0.32 0.00	25.70 -0.31 0.00	28.05 -0.14 0.00	34.28 0.10 0.00	38.28 -0.19 0.00	37.95 -0.31 0.00	35.93 0.07 0.00	36.67 0.22 0.00	35.35 0.25 0.00	36.47 0.50 0.00	35.84 0.63 0.00	36.46 0.50 0.00	36.30 0.39 0.00	40.15 0.44 0.00	44.49 0.44 0.00	45.63 0.32 0.00	45.09 0.22 0.00	41.44 0.25 0.00	35.58 0.32 0.00	33.65 0.85 0.00	31.92 0.56 0.00
GREENIDGE___3 23582	30.53 -0.34 0.00	27.84 -0.48 0.00	25.32 -0.33 0.00	24.63 -0.32 0.00	25.70 -0.31 0.00	28.05 -0.14 0.00	34.28 0.10 0.00	38.28 -0.19 0.00	37.95 -0.31 0.00	35.93 0.07 0.00	36.67 0.22 0.00	35.35 0.25 0.00	36.47 0.50 0.00	35.84 0.63 0.00	36.46 0.50 0.00	36.30 0.39 0.00	40.15 0.44 0.00	44.49 0.44 0.00	45.63 0.32 0.00	45.09 0.22 0.00	41.44 0.25 0.00	35.58 0.32 0.00	33.65 0.85 0.00	31.92 0.56 0.00
GREENIDGE___4 23583	30.53 -0.34 0.00	27.87 -0.45 0.00	25.32 -0.33 0.00	24.63 -0.33 0.00	25.70 -0.31 0.00	28.05 -0.14 0.00	34.25 0.07 0.00	38.28 -0.19 0.00	37.95 -0.31 0.00	35.93 0.07 0.00	36.67 0.22 0.00	35.35 0.25 0.00	36.47 0.50 0.00	35.80 0.60 0.00	36.17 0.22 0.00	36.30 0.40 0.00	40.11 0.40 0.00	44.49 0.44 0.00	45.58 0.27 0.00	45.09 0.23 0.00	41.36 0.17 0.00	35.58 0.32 0.00	33.65 0.85 0.00	31.92 0.56 0.00
GREENLWN_69_KV_BK 3 55738	35.42 2.13 -2.42	30.72 1.95 -0.45	29.38 1.56 -2.16	28.00 1.55 -1.50	29.31 1.69 -1.61	34.49 1.78 -4.52	38.60 2.29 -2.13	41.93 2.69 -0.77	40.66 2.41 0.00	40.00 2.15 -1.99	38.39 1.93 0.00	40.32 1.86 -3.35	38.36 1.91 -0.48	38.61 1.83 -1.58	38.15 1.91 -0.29	38.64 1.97 -0.76	43.24 2.22 -1.30	46.74 2.69 0.00	48.07 2.76 0.00	47.65 2.78 0.00	43.30 2.10 0.00	39.29 2.01 -2.01	35.45 1.77 -0.87	33.23 1.88 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02
GRISSOM___SOLAR 323813	33.06 2.19 0.00	30.33 2.01 0.00	27.50 1.85 0.00	26.72 1.77 0.00	27.89 1.87 0.00	30.34 2.14 0.00	36.78 2.60 0.00	41.16 2.69 0.00	40.93 2.68 0.00	38.16 2.30 0.00	38.68 2.22 0.00	37.25 2.14 0.00	37.95 2.05 0.07	37.03 1.90 0.07	37.85 2.08 0.19	38.24 2.33 0.00	42.66 2.94 0.00	47.62 3.57 0.00	49.16 3.85 0.00	48.63 3.77 0.00	44.49 3.30 0.00	37.98 2.72 0.00	35.13 2.33 0.00	33.51 2.16 0.00
GROVEVILLE___HYD 323602	32.48 1.61 0.00	29.71 1.39 0.00	26.83 1.18 0.00	26.07 1.12 0.00	27.21 1.20 0.00	29.55 1.35 0.00	35.85 1.67 0.00	40.39 1.92 0.00	40.09 1.84 0.00	37.48 1.61 0.00	38.13 1.68 0.00	36.68 1.58 0.00	37.63 1.58 -0.08	36.77 1.48 -0.09	37.81 1.62 -0.23	37.52 1.62 0.00	41.62 1.91 0.00	46.30 2.25 0.00	47.71 2.40 0.00	47.20 2.33 0.00	43.22 2.02 0.00	36.96 1.69 0.00	34.08 1.28 0.00	32.73 1.38 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.24 0.37 0.00	28.60 0.28 0.00	25.91 0.26 0.00	25.20 0.25 0.00	26.28 0.26 0.00	28.53 0.34 0.00	34.69 0.51 0.00	39.08 0.62 0.00	38.83 0.57 0.00	36.44 0.57 0.00	37.07 0.62 0.00	35.74 0.63 0.00	36.69 0.72 0.00	35.91 0.70 0.00	36.64 0.68 0.00	36.55 0.65 0.00	40.51 0.79 0.00	44.84 0.79 0.00	46.08 0.77 0.00	45.58 0.72 0.00	41.86 0.66 0.00	35.86 0.60 0.00	33.49 0.69 0.00	31.89 0.53 0.00

HAMLTNNY_34_KV_TB 80303	31.09 0.22 0.00	28.46 0.14 0.00	25.78 0.13 0.00	25.10 0.15 0.00	26.17 0.16 0.00	28.39 0.20 0.00	34.56 0.38 0.00	38.85 0.38 0.00	38.64 0.38 0.00	36.26 0.39 0.00	36.93 0.47 0.00	35.60 0.49 0.00	36.55 0.58 0.00	35.80 0.60 0.00	36.50 0.54 0.00	36.41 0.50 0.00	40.35 0.64 0.00	44.71 0.66 0.00	45.94 0.63 0.00	45.40 0.54 0.00	41.69 0.49 0.00	35.69 0.42 0.00	33.42 0.62 0.00	31.79 0.44 0.00
HAMPSHIRE___PAPER_HYD 323593	20.04 -0.12 10.71	18.39 -0.11 9.82	17.47 -0.10 8.08	17.48 -0.10 7.37	18.01 -0.10 7.90	19.14 -0.06 9.00	27.70 0.14 6.62	30.77 0.19 7.89	38.41 0.15 0.00	36.04 0.18 0.00	33.44 0.04 3.05	28.00 0.00 7.11	33.15 -0.11 2.71	33.00 -0.07 2.13	32.51 -0.07 3.37	34.09 -0.14 1.67	39.06 -0.24 0.42	30.70 -0.53 12.82	29.13 -0.41 15.77	29.29 -0.40 15.17	26.50 -0.37 14.33	22.72 -0.25 12.30	21.34 -0.20 11.27	20.34 -0.16 10.86
HARDSCRABBLE_WT_PWR 323673	31.46 -0.37 -0.96	28.86 -0.34 -0.88	26.07 -0.31 -0.72	25.29 -0.33 -0.66	26.38 -0.34 -0.71	28.66 -0.34 -0.81	34.36 -0.41 -0.59	38.72 -0.46 -0.71	37.83 -0.42 0.00	35.61 -0.25 0.00	36.47 -0.25 -0.27	35.57 -0.17 -0.64	36.03 -0.18 -0.24	35.25 -0.14 -0.19	36.12 -0.14 -0.30	35.91 -0.14 -0.15	39.68 -0.08 -0.04	45.11 -0.09 -1.15	46.72 0.00 -1.41	46.18 -0.04 -1.36	42.44 -0.04 -1.28	36.44 0.07 -1.10	33.84 0.03 -1.01	32.39 0.06 -0.97
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.35 1.48 0.00	29.57 1.25 0.00	26.63 0.97 0.00	25.87 0.92 0.00	27.00 0.99 0.00	29.32 1.13 0.00	35.61 1.44 0.00	40.12 1.65 0.00	39.82 1.57 0.00	37.26 1.40 0.00	37.91 1.46 0.00	36.47 1.37 0.00	37.42 1.37 -0.09	36.60 1.30 -0.10	37.64 1.44 -0.25	37.34 1.44 0.00	41.42 1.71 0.00	46.08 2.03 0.00	47.39 2.08 0.00	46.93 2.06 0.00	42.93 1.73 0.00	36.75 1.48 0.00	33.92 1.12 0.00	32.54 1.19 0.00
HARSNRAD_115KV_TB1 81005	29.42 -1.45 0.00	26.62 -1.70 0.00	24.27 -1.39 0.00	23.58 -1.37 0.00	24.61 -1.40 0.00	26.87 -1.33 0.00	32.50 -1.67 0.00	35.78 -2.69 0.00	35.61 -2.64 0.00	33.75 -2.12 0.00	34.56 -1.90 0.00	33.42 -1.69 0.00	34.64 -1.33 0.00	34.22 -0.99 0.00	34.41 -1.55 0.00	34.04 -1.87 0.00	38.05 -1.67 0.00	42.03 -2.03 0.00	42.77 -2.54 0.00	42.22 -2.65 0.00	39.26 -1.94 0.00	33.22 -2.05 0.00	32.38 -0.43 0.00	30.82 -0.53 0.00
HARZA MOOSE___RIVER 24016	29.23 0.65 2.29	26.79 0.57 2.10	24.44 0.51 1.72	23.88 0.50 1.57	24.85 0.52 1.69	26.92 0.65 1.92	33.72 0.96 1.41	37.86 1.08 1.68	39.25 0.99 0.00	36.94 1.08 0.00	36.75 0.95 0.65	34.50 0.91 1.52	36.22 0.83 0.58	35.59 0.84 0.45	36.13 0.90 0.72	36.34 0.79 0.36	40.58 0.95 0.09	42.33 1.01 2.74	43.17 1.22 3.37	42.84 1.21 3.24	39.21 1.07 3.06	33.56 0.92 2.63	31.25 0.85 2.41	29.76 0.72 2.32
HDSNBRDG_115KV_BRDG_TB1 355580	31.00 0.12 0.00	28.38 0.06 0.00	25.71 0.05 0.00	25.03 0.07 0.00	26.09 0.08 0.00	28.31 0.11 0.00	34.42 0.24 0.00	38.74 0.27 0.00	38.52 0.27 0.00	36.15 0.29 0.00	36.78 0.33 0.00	35.46 0.35 0.00	36.40 0.43 0.00	35.63 0.42 0.00	36.35 0.40 0.00	36.23 0.32 0.00	40.11 0.40 0.00	44.49 0.44 0.00	45.72 0.41 0.00	45.22 0.36 0.00	41.49 0.29 0.00	35.55 0.28 0.00	33.23 0.43 0.00	31.64 0.28 0.00
HELLGATE_13_KV_LD 55870	32.76 1.88 -0.01	29.88 1.56 0.00	27.01 1.36 0.00	26.22 1.27 0.00	27.39 1.38 0.00	29.66 1.47 0.00	36.00 1.81 -0.01	40.54 2.04 -0.03	41.86 1.95 -1.66	39.05 1.76 -1.43	42.03 1.82 -3.75	44.19 1.72 -7.37	44.10 1.73 -6.40	43.84 1.69 -6.95	41.92 1.76 -4.21	43.84 1.80 -6.13	47.95 2.11 -6.13	46.58 2.51 -0.02	47.99 2.67 -0.01	47.43 2.56 -0.01	43.35 2.14 -0.01	38.32 1.87 -1.19	34.32 1.51 -0.01	32.99 1.63 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.76 1.88 -0.01	29.88 1.56 0.00	27.01 1.36 0.00	26.22 1.27 0.00	27.39 1.38 0.00	29.66 1.47 0.00	36.00 1.81 -0.01	40.54 2.04 -0.03	41.86 1.95 -1.66	39.05 1.76 -1.43	42.03 1.82 -3.75	44.19 1.72 -7.37	44.10 1.73 -6.40	43.84 1.69 -6.95	41.92 1.76 -4.21	43.84 1.80 -6.13	47.95 2.11 -6.13	46.58 2.51 -0.02	47.99 2.67 -0.01	47.43 2.56 -0.01	43.35 2.14 -0.01	38.32 1.87 -1.19	34.32 1.51 -0.01	32.99 1.63 -0.01
HEMPSTEAD____ 23647	35.30 2.01 -2.42	30.47 1.70 -0.45	29.30 1.49 -2.16	27.85 1.40 -1.50	29.13 1.51 -1.61	34.37 1.66 -4.52	38.39 2.09 -2.13	41.67 2.43 -0.77	40.59 2.33 0.00	39.97 2.12 -1.99	38.53 2.08 0.00	40.46 2.00 -3.35	38.47 2.01 -0.48	38.75 1.97 -1.58	38.29 2.05 -0.29	38.71 2.05 -0.76	43.48 2.46 -1.30	46.87 2.82 0.00	48.17 2.86 0.00	47.69 2.83 0.00	43.67 2.47 0.00	39.39 2.12 -2.01	35.41 1.74 -0.87	33.11 1.75 0.00
HEWLETT_69_KV_BK3 55828	35.61 2.32 -2.42	30.72 1.95 -0.45	29.51 1.69 -2.16	28.08 1.62 -1.50	29.34 1.72 -1.61	34.60 1.89 -4.52	38.67 2.36 -2.13	41.97 2.73 -0.77	40.85 2.60 0.00	40.25 2.40 -1.99	38.93 2.48 0.00	40.84 2.39 -3.35	38.90 2.45 -0.48	39.14 2.36 -1.58	38.65 2.41 -0.29	39.11 2.44 -0.76	43.75 2.74 -1.30	47.31 3.26 0.00	48.66 3.35 0.00	48.19 3.32 0.00	43.88 2.68 0.00	39.78 2.50 -2.01	35.74 2.07 -0.87	33.42 2.07 0.00
HICKLING___1 23621	30.25 -0.62 0.00	27.58 -0.74 0.00	25.14 -0.51 0.00	24.40 -0.55 0.00	25.49 -0.52 0.00	27.86 -0.34 0.00	33.94 -0.24 0.00	38.32 -0.15 0.00	38.02 -0.23 0.00	35.79 -0.07 0.00	36.56 0.11 0.00	35.28 0.18 0.00	36.40 0.43 0.00	35.80 0.60 0.00	36.39 0.43 0.00	36.16 0.25 0.00	40.31 0.60 0.00	44.62 0.57 0.00	45.72 0.41 0.00	45.18 0.31 0.00	41.53 0.33 0.00	35.44 0.18 0.00	33.52 0.72 0.00	31.89 0.53 0.00
HICKLING___2 23622	30.25 -0.62 0.00	27.58 -0.74 0.00	25.14 -0.51 0.00	24.40 -0.55 0.00	25.49 -0.52 0.00	27.86 -0.34 0.00	33.94 -0.24 0.00	38.32 -0.15 0.00	38.02 -0.23 0.00	35.79 -0.07 0.00	36.56 0.11 0.00	35.28 0.18 0.00	36.40 0.43 0.00	35.80 0.60 0.00	36.39 0.43 0.00	36.16 0.25 0.00	40.31 0.60 0.00	44.62 0.57 0.00	45.72 0.41 0.00	45.18 0.31 0.00	41.53 0.33 0.00	35.44 0.18 0.00	33.52 0.72 0.00	31.89 0.53 0.00
HIGH FALLS___HY 23754	32.48 1.61 0.00	29.68 1.36 0.00	26.76 1.10 0.00	26.00 1.05 0.00	27.16 1.14 0.00	29.46 1.27 0.00	35.82 1.64 0.00	40.35 1.88 0.00	40.01 1.76 0.00	37.40 1.54 0.00	37.98 1.53 0.00	36.54 1.44 0.00	37.49 1.47 -0.05	36.70 1.44 -0.05	37.68 1.58 -0.14	37.45 1.54 0.00	41.62 1.91 0.00	46.21 2.16 0.00	47.57 2.27 0.00	47.11 2.24 0.00	43.13 1.94 0.00	36.92 1.66 0.00	34.08 1.28 0.00	32.70 1.35 0.00
HIGH_RIVER___SOLAR 323847	32.32 1.45 0.00	29.65 1.33 0.00	26.89 1.23 0.00	26.12 1.17 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.82 1.64 0.00	40.16 1.69 0.00	39.82 1.57 0.00	37.15 1.29 0.00	37.62 1.17 0.00	36.23 1.12 0.00	36.94 1.04 0.07	36.18 1.06 0.08	36.94 1.18 0.20	37.24 1.33 0.00	41.54 1.83 0.00	46.30 2.25 0.00	47.75 2.45 0.00	47.24 2.38 0.00	43.26 2.06 0.00	36.96 1.69 0.00	34.24 1.44 0.00	32.73 1.38 0.00

HILLBURN___GT 23639	32.38 1.51 0.00	29.60 1.28 0.00	26.65 1.00 0.00	25.87 0.92 0.00	27.00 0.99 0.00	29.32 1.13 0.00	35.61 1.44 0.00	40.16 1.69 0.00	39.86 1.61 0.00	37.30 1.44 0.00	37.91 1.46 0.00	36.51 1.41 0.00	37.46 1.40 -0.09	36.68 1.37 -0.10	37.69 1.47 -0.26	37.38 1.47 0.00	41.51 1.79 0.00	46.17 2.11 0.00	47.44 2.13 0.00	46.97 2.11 0.00	43.01 1.81 0.00	36.78 1.52 0.00	33.92 1.12 0.00	32.54 1.19 0.00
HILLSIDE_115KV_TB1 80332	30.01 -0.86 0.00	27.39 -0.93 0.00	24.96 -0.69 0.00	24.23 -0.72 0.00	25.31 -0.70 0.00	27.63 -0.56 0.00	33.60 -0.58 0.00	37.97 -0.50 0.00	37.72 -0.54 0.00	35.50 -0.36 0.00	36.20 -0.26 0.00	34.96 -0.14 0.00	36.01 0.04 0.00	35.41 0.21 0.00	35.99 0.04 0.00	35.80 -0.11 0.00	39.88 0.16 0.00	44.14 0.09 0.00	45.22 -0.09 0.00	44.73 -0.13 0.00	41.11 -0.08 0.00	35.09 -0.18 0.00	33.10 0.30 0.00	31.54 0.19 0.00
HISHELDN_WT_PWR 323625	29.20 -1.67 0.00	26.57 -1.76 0.00	24.12 -1.54 0.00	23.45 -1.50 0.00	24.48 -1.53 0.00	26.76 -1.44 0.00	32.51 -1.67 0.00	36.05 -2.42 0.00	35.92 -2.33 0.00	34.00 -1.87 0.00	34.85 -1.60 0.00	33.70 -1.41 0.00	34.93 -1.04 0.00	34.43 -0.77 0.00	34.73 -1.22 0.00	34.47 -1.44 0.00	38.56 -1.15 0.00	42.64 -1.41 0.00	43.41 -1.90 0.00	42.94 -1.93 0.00	39.63 -1.57 0.00	33.68 -1.59 0.00	32.54 -0.26 0.00	31.01 -0.34 0.00
HOLTSVILLE_IC_1 23690	35.02 1.73 -2.42	30.02 1.44 -0.26	29.15 1.33 -2.16	27.65 1.20 -1.50	28.90 1.27 -1.61	34.15 1.44 -4.52	38.26 1.95 -2.13	41.71 2.46 -0.77	40.59 2.33 0.00	39.89 2.04 -1.99	38.71 2.26 0.00	40.60 2.14 -3.35	38.61 2.16 -0.48	38.93 2.15 -1.58	38.51 2.27 -0.29	39.00 2.33 -0.76	43.67 2.66 -1.30	47.23 3.17 0.00	48.53 3.22 0.00	48.00 3.14 0.00	44.08 2.88 0.00	39.60 2.33 -2.01	35.25 1.57 -0.87	33.01 1.66 0.00
HOLTSVILLE_IC_10 23699	35.08 1.79 -2.42	30.99 1.47 -1.19	29.20 1.38 -2.16	27.68 1.22 -1.50	28.92 1.30 -1.61	34.20 1.49 -4.52	38.33 2.02 -2.13	41.78 2.54 -0.77	40.70 2.45 0.00	40.00 2.15 -1.99	38.86 2.41 0.00	40.74 2.28 -3.35	38.72 2.27 -0.48	39.07 2.29 -1.58	38.65 2.41 -0.29	39.14 2.48 -0.76	43.79 2.78 -1.30	47.40 3.35 0.00	48.71 3.40 0.00	48.19 3.32 0.00	44.25 3.05 0.00	39.74 2.47 -2.01	35.35 1.67 -0.87	33.08 1.72 0.00
HOLTSVILLE_IC_2 23691	35.02 1.73 -2.42	30.02 1.44 -0.26	29.15 1.33 -2.16	27.65 1.20 -1.50	28.90 1.27 -1.61	34.15 1.44 -4.52	38.26 1.95 -2.13	41.71 2.46 -0.77	40.59 2.33 0.00	39.89 2.04 -1.99	38.71 2.26 0.00	40.60 2.14 -3.35	38.61 2.16 -0.48	38.93 2.15 -1.58	38.51 2.27 -0.29	39.00 2.33 -0.76	43.67 2.66 -1.30	47.23 3.17 0.00	48.53 3.22 0.00	48.00 3.14 0.00	44.08 2.88 0.00	39.60 2.33 -2.01	35.25 1.57 -0.87	33.01 1.66 0.00
HOLTSVILLE_IC_3 23692	35.02 1.73 -2.42	30.02 1.44 -0.26	29.15 1.33 -2.16	27.65 1.20 -1.50	28.90 1.27 -1.61	34.15 1.44 -4.52	38.26 1.95 -2.13	41.71 2.46 -0.77	40.59 2.33 0.00	39.89 2.04 -1.99	38.71 2.26 0.00	40.60 2.14 -3.35	38.61 2.16 -0.48	38.93 2.15 -1.58	38.51 2.27 -0.29	39.00 2.33 -0.76	43.67 2.66 -1.30	47.23 3.17 0.00	48.53 3.22 0.00	48.00 3.14 0.00	44.08 2.88 0.00	39.60 2.33 -2.01	35.25 1.57 -0.87	33.01 1.66 0.00
HOLTSVILLE_IC_4 23693	35.02 1.73 -2.42	30.02 1.44 -0.26	29.15 1.33 -2.16	27.65 1.20 -1.50	28.90 1.27 -1.61	34.15 1.44 -4.52	38.26 1.95 -2.13	41.71 2.46 -0.77	40.59 2.33 0.00	39.89 2.04 -1.99	38.71 2.26 0.00	40.60 2.14 -3.35	38.61 2.16 -0.48	38.93 2.15 -1.58	38.51 2.27 -0.29	39.00 2.33 -0.76	43.67 2.66 -1.30	47.23 3.17 0.00	48.53 3.22 0.00	48.00 3.14 0.00	44.08 2.88 0.00	39.60 2.33 -2.01	35.25 1.57 -0.87	33.01 1.66 0.00
HOLTSVILLE_IC_5 23694	35.02 1.73 -2.42	30.02 1.44 -0.26	29.15 1.33 -2.16	27.65 1.20 -1.50	28.90 1.27 -1.61	34.15 1.44 -4.52	38.26 1.95 -2.13	41.71 2.46 -0.77	40.59 2.33 0.00	39.89 2.04 -1.99	38.71 2.26 0.00	40.60 2.14 -3.35	38.61 2.16 -0.48	38.93 2.15 -1.58	38.51 2.27 -0.29	39.00 2.33 -0.76	43.67 2.66 -1.30	47.23 3.17 0.00	48.53 3.22 0.00	48.00 3.14 0.00	44.08 2.88 0.00	39.60 2.33 -2.01	35.25 1.57 -0.87	33.01 1.66 0.00
HOLTSVILLE_IC_6 23695	35.08 1.79 -2.42	30.99 1.47 -1.19	29.20 1.38 -2.16	27.68 1.22 -1.50	28.92 1.30 -1.61	34.20 1.49 -4.52	38.33 2.02 -2.13	41.78 2.54 -0.77	40.70 2.45 0.00	40.00 2.15 -1.99	38.86 2.41 0.00	40.74 2.28 -3.35	38.72 2.27 -0.48	39.07 2.29 -1.58	38.65 2.41 -0.29	39.14 2.48 -0.76	43.79 2.78 -1.30	47.40 3.35 0.00	48.71 3.40 0.00	48.19 3.32 0.00	44.25 3.05 0.00	39.74 2.47 -2.01	35.35 1.67 -0.87	33.08 1.72 0.00
HOLTSVILLE_IC_7 23696	35.08 1.79 -2.42	30.99 1.47 -1.19	29.20 1.38 -2.16	27.68 1.22 -1.50	28.92 1.30 -1.61	34.20 1.49 -4.52	38.33 2.02 -2.13	41.78 2.54 -0.77	40.70 2.45 0.00	40.00 2.15 -1.99	38.86 2.41 0.00	40.74 2.28 -3.35	38.72 2.27 -0.48	39.07 2.29 -1.58	38.65 2.41 -0.29	39.14 2.48 -0.76	43.79 2.78 -1.30	47.40 3.35 0.00	48.71 3.40 0.00	48.19 3.32 0.00	44.25 3.05 0.00	39.74 2.47 -2.01	35.35 1.67 -0.87	33.08 1.72 0.00
HOLTSVILLE_IC_8 23697	35.08 1.79 -2.42	30.99 1.47 -1.19	29.20 1.38 -2.16	27.68 1.22 -1.50	28.92 1.30 -1.61	34.20 1.49 -4.52	38.33 2.02 -2.13	41.78 2.54 -0.77	40.70 2.45 0.00	40.00 2.15 -1.99	38.86 2.41 0.00	40.74 2.28 -3.35	38.72 2.27 -0.48	39.07 2.29 -1.58	38.65 2.41 -0.29	39.14 2.48 -0.76	43.79 2.78 -1.30	47.40 3.35 0.00	48.71 3.40 0.00	48.19 3.32 0.00	44.25 3.05 0.00	39.74 2.47 -2.01	35.35 1.67 -0.87	33.08 1.72 0.00
HOLTSVILLE_IC_9 23698	35.08 1.79 -2.42	30.99 1.47 -1.19	29.20 1.38 -2.16	27.68 1.22 -1.50	28.92 1.30 -1.61	34.20 1.49 -4.52	38.33 2.02 -2.13	41.78 2.54 -0.77	40.70 2.45 0.00	40.00 2.15 -1.99	38.86 2.41 0.00	40.74 2.28 -3.35	38.72 2.27 -0.48	39.07 2.29 -1.58	38.65 2.41 -0.29	39.14 2.48 -0.76	43.79 2.78 -1.30	47.40 3.35 0.00	48.71 3.40 0.00	48.19 3.32 0.00	44.25 3.05 0.00	39.74 2.47 -2.01	35.35 1.67 -0.87	33.08 1.72 0.00
HOMER_HL_115KV_TB2 355744	29.58 -1.30 0.00	26.85 -1.47 0.00	24.50 -1.15 0.00	23.80 -1.15 0.00	24.87 -1.14 0.00	27.29 -0.90 0.00	33.22 -0.96 0.00	36.89 -1.58 0.00	36.53 -1.72 0.00	34.50 -1.36 0.00	35.32 -1.13 0.00	34.16 -0.95 0.00	35.39 -0.58 0.00	34.99 -0.21 0.00	35.31 -0.65 0.00	34.94 -0.97 0.00	39.12 -0.60 0.00	43.21 -0.84 0.00	44.09 -1.22 0.00	43.61 -1.26 0.00	40.25 -0.95 0.00	34.07 -1.20 0.00	32.67 -0.13 0.00	31.10 -0.25 0.00
HOWARD_WT_PWR 323690	29.17 -1.70 0.00	26.62 -1.70 0.00	24.45 -1.21 0.00	23.88 -1.07 0.00	25.08 -0.94 0.00	27.55 -0.65 0.00	33.67 -0.51 0.00	37.89 -0.58 0.00	37.53 -0.73 0.00	35.25 -0.61 0.00	36.05 -0.40 0.00	35.00 -0.10 0.00	36.58 0.61 0.00	36.05 0.84 0.00	36.60 0.65 0.00	36.52 0.61 0.00	40.87 1.15 0.00	45.28 1.23 0.00	46.31 1.00 0.00	45.94 1.08 0.00	41.94 0.74 0.00	35.79 0.53 0.00	34.02 1.21 0.00	32.20 0.85 0.00

HQ_GEN_CEDARS 23644	11.10 -0.71 19.06	10.23 -0.62 17.47	10.71 -0.56 14.38	11.29 -0.55 13.11	11.35 -0.60 14.06	11.53 -0.65 16.01	21.66 -0.75 11.77	23.63 -0.81 14.03	37.49 -0.77 0.00	35.10 -0.75 0.01	30.23 -0.80 5.42	21.65 -0.81 12.65	30.28 -0.86 4.82	30.57 -0.84 3.79	29.09 -0.86 6.00	32.04 -0.90 2.97	37.90 -1.07 0.74	19.87 -1.37 22.81	15.80 -1.45 28.06	16.53 -1.35 26.99	14.52 -1.19 25.49	12.35 -1.02 21.89	11.83 -0.92 20.05	11.22 -0.82 19.32
HQ_GEN_CEDARS_PROXY 323590	11.10 -0.71 19.06	10.23 -0.62 17.47	10.71 -0.56 14.38	11.29 -0.55 13.11	11.36 -0.60 14.06	11.53 -0.65 16.01	21.66 -0.75 11.77	23.62 -0.81 14.03	37.49 -0.76 0.00	35.10 -0.75 0.01	30.23 -0.80 5.42	21.65 -0.81 12.65	30.28 -0.86 4.82	30.57 -0.85 3.79	29.09 -0.86 6.00	32.04 -0.90 2.97	37.91 -1.07 0.74	19.87 -1.37 22.81	15.79 -1.45 28.06	16.53 -1.34 26.99	14.51 -1.20 25.49	12.35 -1.02 21.89	11.83 -0.92 20.05	11.22 -0.82 19.32
HQ_GEN_IMPORT 323601	26.77 -0.46 3.64	24.56 -0.42 3.34	22.52 -0.38 2.75	22.07 -0.37 2.51	22.94 -0.39 2.69	24.71 -0.42 3.06	31.42 -0.51 2.25	35.21 -0.58 2.68	37.75 -0.50 0.00	35.39 -0.47 0.00	34.94 -0.47 1.04	32.23 -0.49 2.38	34.56 -0.50 0.91	34.00 -0.49 0.71	34.32 -0.50 1.13	34.85 -0.50 0.56	38.90 -0.68 0.14	38.90 -0.79 4.36	39.08 -0.86 5.36	38.94 -0.76 5.16	35.67 -0.66 4.87	30.52 -0.57 4.18	28.44 -0.53 3.83	27.16 -0.50 3.69
HQ_GEN_WHEEL 23651	26.77 -0.46 3.64	24.56 -0.42 3.34	22.52 -0.38 2.75	22.07 -0.37 2.51	22.94 -0.39 2.69	24.71 -0.42 3.06	31.42 -0.51 2.25	35.21 -0.58 2.68	37.75 -0.50 0.00	35.39 -0.47 0.00	34.94 -0.47 1.04	32.23 -0.49 2.38	34.56 -0.50 0.91	34.00 -0.49 0.71	34.32 -0.50 1.13	34.85 -0.50 0.56	38.90 -0.68 0.14	38.90 -0.79 4.36	39.08 -0.86 5.36	38.94 -0.76 5.16	35.67 -0.66 4.87	30.52 -0.57 4.18	28.44 -0.53 3.83	27.16 -0.50 3.69
HUDSON_AVE_GT_3 23810	32.70 1.82 -0.01	29.79 1.47 0.00	26.94 1.28 0.00	26.15 1.20 0.00	27.32 1.30 0.00	29.63 1.44 0.00	36.07 1.88 -0.01	40.73 2.23 -0.03	41.97 2.10 -1.61	39.15 1.90 -1.39	42.02 1.93 -3.64	44.08 1.83 -7.15	44.05 1.87 -6.21	43.75 1.80 -6.75	41.91 1.87 -4.09	43.76 1.90 -5.95	47.89 2.22 -5.95	46.71 2.64 -0.02	48.04 2.72 -0.01	47.52 2.65 -0.01	43.51 2.31 -0.01	38.39 1.97 -1.15	34.38 1.57 -0.01	32.96 1.60 -0.01
HUDSON_AVE_GT_4 23540	32.70 1.82 -0.01	29.79 1.47 0.00	26.94 1.28 0.00	26.15 1.20 0.00	27.32 1.30 0.00	29.63 1.44 0.00	36.07 1.88 -0.01	40.73 2.23 -0.03	41.97 2.10 -1.61	39.15 1.90 -1.39	42.02 1.93 -3.64	44.08 1.83 -7.15	44.05 1.87 -6.21	43.75 1.80 -6.75	41.91 1.87 -4.09	43.76 1.90 -5.95	47.89 2.22 -5.95	46.71 2.64 -0.02	48.04 2.72 -0.01	47.52 2.65 -0.01	43.51 2.31 -0.01	38.39 1.97 -1.15	34.38 1.57 -0.01	32.96 1.60 -0.01
HUDSON_AVE_GT_5 23657	32.70 1.82 -0.01	29.79 1.47 0.00	26.94 1.28 0.00	26.15 1.20 0.00	27.32 1.30 0.00	29.63 1.44 0.00	36.07 1.88 -0.01	40.73 2.23 -0.03	41.97 2.10 -1.61	39.15 1.90 -1.39	42.02 1.93 -3.64	44.08 1.83 -7.15	44.05 1.87 -6.21	43.75 1.80 -6.75	41.91 1.87 -4.09	43.76 1.90 -5.95	47.89 2.22 -5.95	46.71 2.64 -0.02	48.04 2.72 -0.01	47.52 2.65 -0.01	43.51 2.31 -0.01	38.39 1.97 -1.15	34.38 1.57 -0.01	32.96 1.60 -0.01
HUDSON_AVE_10 24168	32.61 1.73 -0.01	29.74 1.42 0.00	26.89 1.23 0.00	26.10 1.15 0.00	27.26 1.25 0.00	29.58 1.38 0.00	36.07 1.88 -0.01	40.69 2.19 -0.03	41.93 2.07 -1.61	39.12 1.86 -1.39	41.99 1.90 -3.64	44.08 1.83 -7.15	44.02 1.83 -6.21	43.75 1.80 -6.75	41.91 1.87 -4.09	43.76 1.90 -5.95	47.89 2.22 -5.95	46.71 2.64 -0.02	47.99 2.67 -0.01	47.52 2.65 -0.01	43.47 2.27 -0.01	38.32 1.90 -1.15	34.32 1.51 -0.01	32.90 1.54 -0.01
HUDSON___115KV_TB 4 355613	31.74 0.86 0.00	29.14 0.82 0.00	26.45 0.80 0.00	25.72 0.77 0.00	26.82 0.81 0.00	29.10 0.90 0.00	35.20 1.03 0.00	39.55 1.08 0.00	39.17 0.92 0.00	36.58 0.72 0.00	37.07 0.62 0.00	35.63 0.53 0.00	36.48 0.58 0.06	35.59 0.46 0.07	36.39 0.61 0.18	36.52 0.61 0.00	40.59 0.87 0.00	45.33 1.28 0.00	46.85 1.54 0.00	46.35 1.48 0.00	42.39 1.19 0.00	36.22 0.95 0.00	33.49 0.69 0.00	32.11 0.75 0.00
HUNTER MOUNT___DRP 323613	31.80 0.93 0.00	29.20 0.88 0.00	26.53 0.87 0.00	25.82 0.87 0.00	26.90 0.88 0.00	29.21 1.01 0.00	35.34 1.16 0.00	39.66 1.19 0.00	39.29 1.03 0.00	36.65 0.79 0.00	37.15 0.69 0.00	35.67 0.56 0.00	36.61 0.68 0.04	35.72 0.56 0.04	36.56 0.72 0.11	36.55 0.65 0.00	40.67 0.95 0.00	45.42 1.37 0.00	46.94 1.63 0.00	46.48 1.62 0.00	42.52 1.32 0.00	36.29 1.02 0.00	33.59 0.79 0.00	32.20 0.85 0.00
HUNTINGTON_RES_REC 323705	35.27 1.98 -2.42	30.50 1.73 -0.45	29.30 1.49 -2.16	27.90 1.45 -1.50	29.18 1.56 -1.61	34.40 1.69 -4.52	38.53 2.22 -2.13	41.93 2.69 -0.77	40.82 2.56 0.00	40.15 2.30 -1.99	38.90 2.44 0.00	40.81 2.35 -3.35	38.83 2.37 -0.48	39.14 2.36 -1.58	38.72 2.48 -0.29	39.18 2.51 -0.76	43.87 2.86 -1.30	47.44 3.39 0.00	48.75 3.44 0.00	48.23 3.37 0.00	44.29 3.09 0.00	39.78 2.50 -2.01	35.54 1.87 -0.87	33.23 1.88 0.00
HUNTLEY___63 23557	29.61 -1.27 0.00	26.79 -1.53 0.00	24.40 -1.26 0.00	23.73 -1.22 0.00	24.77 -1.25 0.00	27.04 -1.16 0.00	32.74 -1.44 0.00	36.05 -2.42 0.00	35.81 -2.45 0.00	33.93 -1.94 0.00	34.78 -1.68 0.00	33.63 -1.47 0.00	34.89 -1.08 0.00	34.46 -0.74 0.00	34.66 -1.29 0.00	34.22 -1.69 0.00	38.25 -1.47 0.00	42.20 -1.85 0.00	43.00 -2.31 0.00	42.49 -2.38 0.00	39.55 -1.65 0.00	33.47 -1.80 0.00	32.60 -0.20 0.00	31.04 -0.31 0.00
HUNTLEY___64 23558	29.61 -1.27 0.00	26.79 -1.53 0.00	24.40 -1.26 0.00	23.73 -1.22 0.00	24.77 -1.25 0.00	27.04 -1.16 0.00	32.74 -1.44 0.00	36.05 -2.42 0.00	35.81 -2.45 0.00	33.93 -1.94 0.00	34.78 -1.68 0.00	33.63 -1.47 0.00	34.89 -1.08 0.00	34.46 -0.74 0.00	34.66 -1.29 0.00	34.22 -1.69 0.00	38.25 -1.47 0.00	42.20 -1.85 0.00	43.00 -2.31 0.00	42.49 -2.38 0.00	39.55 -1.65 0.00	33.47 -1.80 0.00	32.60 -0.20 0.00	31.04 -0.31 0.00
HUNTLEY___65 23559	29.61 -1.27 0.00	26.79 -1.53 0.00	24.40 -1.26 0.00	23.73 -1.22 0.00	24.77 -1.25 0.00	27.04 -1.16 0.00	32.74 -1.44 0.00	36.05 -2.42 0.00	35.81 -2.45 0.00	33.93 -1.94 0.00	34.78 -1.68 0.00	33.63 -1.47 0.00	34.89 -1.08 0.00	34.46 -0.74 0.00	34.66 -1.29 0.00	34.22 -1.69 0.00	38.25 -1.47 0.00	42.20 -1.85 0.00	43.00 -2.31 0.00	42.49 -2.38 0.00	39.55 -1.65 0.00	33.47 -1.80 0.00	32.60 -0.20 0.00	31.04 -0.31 0.00
HUNTLEY___66 23560	29.61 -1.27 0.00	26.79 -1.53 0.00	24.40 -1.26 0.00	23.73 -1.22 0.00	24.77 -1.25 0.00	27.04 -1.16 0.00	32.74 -1.44 0.00	36.05 -2.42 0.00	35.81 -2.45 0.00	33.93 -1.94 0.00	34.78 -1.68 0.00	33.63 -1.47 0.00	34.89 -1.08 0.00	34.46 -0.74 0.00	34.66 -1.29 0.00	34.22 -1.69 0.00	38.25 -1.47 0.00	42.20 -1.85 0.00	43.00 -2.31 0.00	42.49 -2.38 0.00	39.55 -1.65 0.00	33.47 -1.80 0.00	32.60 -0.20 0.00	31.04 -0.31 0.00

HUNTLEY___67 23561	29.39 -1.48 0.00	26.62 -1.70 0.00	24.24 -1.41 0.00	23.58 -1.37 0.00	24.58 -1.43 0.00	26.87 -1.33 0.00	32.54 -1.64 0.00	35.81 -2.65 0.00	35.65 -2.60 0.00	33.78 -2.08 0.00	34.59 -1.86 0.00	33.49 -1.61 0.00	34.67 -1.29 0.00	34.25 -0.95 0.00	34.45 -1.51 0.00	34.08 -1.83 0.00	38.09 -1.63 0.00	42.07 -1.98 0.00	42.86 -2.45 0.00	42.31 -2.56 0.00	39.26 -1.94 0.00	33.25 -2.01 0.00	32.34 -0.46 0.00	30.79 -0.56 0.00
HUNTLEY___68 23562	29.39 -1.48 0.00	26.62 -1.70 0.00	24.24 -1.41 0.00	23.58 -1.37 0.00	24.58 -1.43 0.00	26.87 -1.33 0.00	32.54 -1.64 0.00	35.81 -2.65 0.00	35.65 -2.60 0.00	33.78 -2.08 0.00	34.59 -1.86 0.00	33.49 -1.61 0.00	34.67 -1.29 0.00	34.25 -0.95 0.00	34.45 -1.51 0.00	34.08 -1.83 0.00	38.09 -1.63 0.00	42.07 -1.98 0.00	42.86 -2.45 0.00	42.31 -2.56 0.00	39.26 -1.94 0.00	33.25 -2.01 0.00	32.34 -0.46 0.00	30.79 -0.56 0.00
HYLAND___LFGE 323620	30.93 0.06 0.00	28.09 -0.23 0.00	25.58 -0.08 0.00	24.85 -0.10 0.00	25.86 -0.16 0.00	28.28 0.08 0.00	34.59 0.41 0.00	38.70 0.23 0.00	38.29 0.04 0.00	35.83 -0.04 0.00	36.31 -0.15 0.00	34.86 -0.24 0.00	36.04 0.07 0.00	35.59 0.39 0.00	36.14 0.18 0.00	36.19 0.29 0.00	40.59 0.87 0.00	45.42 1.37 0.00	46.80 1.49 0.00	46.34 1.48 0.00	42.64 1.44 0.00	36.25 0.99 0.00	34.64 1.84 0.00	32.73 1.38 0.00
INDECK___CORINTH 23802	32.72 1.85 0.00	30.02 1.70 0.00	27.25 1.59 0.00	26.47 1.52 0.00	27.60 1.59 0.00	30.00 1.81 0.00	36.30 2.12 0.00	40.78 2.31 0.00	40.55 2.30 0.00	38.01 2.15 0.00	38.60 2.15 0.00	37.18 2.07 0.00	37.86 1.98 0.09	36.89 1.79 0.10	37.56 1.87 0.27	37.92 2.01 0.00	42.06 2.34 0.00	47.05 3.00 0.00	48.53 3.22 0.00	48.00 3.14 0.00	43.87 2.68 0.00	37.45 2.19 0.00	34.64 1.84 0.00	33.11 1.75 0.00
INDECK___ILION 23567	31.86 0.03 -0.96	29.23 0.03 -0.88	26.40 0.03 -0.72	25.64 0.02 -0.66	26.75 0.03 -0.71	29.03 0.03 -0.81	34.81 0.03 -0.59	39.21 0.04 -0.71	38.25 0.00 0.00	35.90 0.04 0.00	36.76 0.04 -0.27	35.78 0.04 -0.64	36.21 0.00 -0.24	35.39 0.00 -0.19	36.26 0.00 -0.30	36.06 0.00 -0.15	39.79 0.04 -0.04	45.29 0.09 -1.15	46.90 0.18 -1.41	46.36 0.13 -1.36	42.60 0.12 -1.28	36.47 0.11 -1.10	33.84 0.03 -1.01	32.36 0.03 -0.97
INDECK___OLEAN 23982	29.58 -1.30 0.00	26.88 -1.44 0.00	24.50 -1.15 0.00	23.80 -1.15 0.00	24.87 -1.14 0.00	27.26 -0.93 0.00	33.22 -0.96 0.00	36.86 -1.61 0.00	36.53 -1.72 0.00	34.50 -1.36 0.00	35.29 -1.17 0.00	34.16 -0.95 0.00	35.39 -0.58 0.00	34.92 -0.28 0.00	35.24 -0.72 0.00	34.94 -0.97 0.00	39.12 -0.59 0.00	43.21 -0.84 0.00	43.99 -1.32 0.00	43.61 -1.26 0.00	40.13 -1.07 0.00	34.07 -1.20 0.00	32.64 -0.16 0.00	31.14 -0.22 0.00
INDECK___OSWEGO 23783	30.73 0.80 0.95	28.13 0.68 0.87	25.53 0.59 0.71	24.90 0.60 0.65	25.94 0.62 0.70	28.16 0.76 0.80	34.72 1.13 0.58	39.08 1.31 0.70	39.51 1.26 0.00	37.08 1.22 0.00	37.42 1.24 0.27	35.70 1.23 0.63	37.02 1.29 0.24	36.25 1.23 0.19	36.92 1.26 0.30	36.91 1.15 0.15	41.07 1.39 0.04	44.42 1.50 1.13	45.46 1.54 1.39	45.00 1.48 1.34	41.25 1.32 1.27	35.34 1.16 1.09	33.05 1.25 1.00	31.40 1.00 0.96
INDECK___YERKES 23781	29.64 -1.24 0.00	26.91 -1.42 0.00	24.42 -1.23 0.00	23.75 -1.20 0.00	24.79 -1.22 0.00	27.04 -1.16 0.00	32.78 -1.40 0.00	36.08 -2.39 0.00	35.80 -2.45 0.00	33.92 -1.94 0.00	34.81 -1.64 0.00	33.63 -1.47 0.00	34.89 -1.08 0.00	34.39 -0.81 0.00	34.55 -1.40 0.00	34.22 -1.69 0.00	38.21 -1.51 0.00	42.20 -1.85 0.00	42.91 -2.40 0.00	42.49 -2.38 0.00	39.47 -1.73 0.00	33.54 -1.73 0.00	32.64 -0.16 0.00	31.07 -0.28 0.00
INDIAN POINT_GT_1 24139	32.38 1.51 0.00	29.60 1.27 0.00	26.68 1.03 0.00	25.92 0.97 0.00	27.06 1.04 0.00	29.35 1.16 0.00	35.65 1.47 0.00	40.20 1.73 0.00	39.90 1.64 0.00	37.30 1.43 0.00	37.91 1.46 0.00	36.51 1.40 0.00	37.47 1.40 -0.10	36.69 1.37 -0.11	37.68 1.44 -0.28	37.38 1.47 0.00	41.46 1.75 0.00	46.17 2.11 0.00	47.48 2.17 0.00	46.97 2.11 0.00	42.97 1.77 0.00	36.82 1.55 0.00	33.95 1.15 0.00	32.58 1.22 0.00
INDIAN POINT_GT_2 23659	32.38 1.51 0.00	29.60 1.27 0.00	26.68 1.03 0.00	25.92 0.97 0.00	27.06 1.04 0.00	29.35 1.16 0.00	35.65 1.47 0.00	40.20 1.73 0.00	39.90 1.64 0.00	37.30 1.43 0.00	37.91 1.46 0.00	36.51 1.40 0.00	37.47 1.40 -0.10	36.69 1.37 -0.11	37.68 1.44 -0.28	37.38 1.47 0.00	41.46 1.75 0.00	46.17 2.11 0.00	47.48 2.17 0.00	46.97 2.11 0.00	42.97 1.77 0.00	36.82 1.55 0.00	33.95 1.15 0.00	32.58 1.22 0.00
INDIAN POINT_GT_3 24019	32.38 1.51 0.00	29.60 1.27 0.00	26.68 1.03 0.00	25.92 0.97 0.00	27.06 1.04 0.00	29.35 1.16 0.00	35.65 1.47 0.00	40.20 1.73 0.00	39.90 1.64 0.00	37.30 1.43 0.00	37.91 1.46 0.00	36.51 1.40 0.00	37.47 1.40 -0.10	36.69 1.37 -0.11	37.68 1.44 -0.28	37.38 1.47 0.00	41.46 1.75 0.00	46.17 2.11 0.00	47.48 2.17 0.00	46.97 2.11 0.00	42.97 1.77 0.00	36.82 1.55 0.00	33.95 1.15 0.00	32.58 1.22 0.00
INDIAN POINT___2 23530	32.35 1.48 0.00	29.57 1.24 0.00	26.65 1.00 0.00	25.87 0.92 0.00	27.03 1.01 0.00	29.32 1.13 0.00	35.58 1.40 0.00	40.16 1.69 0.00	39.82 1.57 0.00	37.26 1.40 0.00	37.87 1.42 0.00	36.47 1.37 0.00	37.43 1.37 -0.09	36.65 1.34 -0.11	37.67 1.44 -0.27	37.35 1.44 0.00	41.46 1.75 0.00	46.12 2.07 0.00	47.39 2.09 0.00	46.93 2.06 0.00	42.97 1.77 0.00	36.75 1.48 0.00	33.92 1.12 0.00	32.54 1.19 0.00
INDIAN POINT___3 23531	32.35 1.48 0.00	29.57 1.25 0.00	26.66 1.00 0.00	25.90 0.95 0.00	27.03 1.01 0.00	29.32 1.13 0.00	35.61 1.44 0.00	40.16 1.69 0.00	39.82 1.57 0.00	37.26 1.40 0.00	37.87 1.42 0.00	36.47 1.37 0.00	37.43 1.37 -0.10	36.62 1.30 -0.11	37.64 1.40 -0.28	37.34 1.44 0.00	41.39 1.67 0.00	46.08 2.03 0.00	47.39 2.08 0.00	46.93 2.06 0.00	42.93 1.73 0.00	36.75 1.48 0.00	33.92 1.12 0.00	32.54 1.19 0.00
INGHAM_C_115KV_TB7 356103	31.46 -0.37 -0.96	28.86 -0.34 -0.88	26.04 -0.33 -0.72	25.29 -0.32 -0.66	26.38 -0.34 -0.71	28.63 -0.37 -0.81	34.36 -0.41 -0.59	38.71 -0.46 -0.71	37.76 -0.50 0.00	35.40 -0.47 0.00	36.25 -0.47 -0.27	35.29 -0.46 -0.64	35.71 -0.50 -0.24	34.90 -0.49 -0.19	35.75 -0.50 -0.30	35.56 -0.50 -0.15	39.24 -0.52 -0.04	44.72 -0.48 -1.15	46.31 -0.41 -1.41	45.78 -0.45 -1.36	42.07 -0.41 -1.28	36.01 -0.35 -1.10	33.42 -0.39 -1.01	31.95 -0.38 -0.97
IP CORINTH___1 23988	32.72 1.85 0.00	30.05 1.73 0.00	27.25 1.59 0.00	26.47 1.52 0.00	27.60 1.59 0.00	30.00 1.80 0.00	36.30 2.12 0.00	40.78 2.31 0.00	40.55 2.30 0.00	38.01 2.15 0.00	38.60 2.15 0.00	37.18 2.07 0.00	37.86 1.98 0.09	36.86 1.76 0.10	37.56 1.87 0.27	37.92 2.01 0.00	42.06 2.34 0.00	47.05 3.00 0.00	48.53 3.22 0.00	48.01 3.14 0.00	43.88 2.68 0.00	37.45 2.19 0.00	34.64 1.84 0.00	33.11 1.76 0.00

IP___TICONDEROGA 23804	34.11 3.24 0.00	31.27 2.95 0.00	28.37 2.72 0.00	27.57 2.62 0.00	28.72 2.71 0.00	31.32 3.13 0.00	37.94 3.76 0.00	42.43 3.96 0.00	42.35 4.09 0.00	39.74 3.87 0.00	40.43 3.97 0.00	38.93 3.83 0.00	39.58 3.70 0.10	38.40 3.31 0.11	39.17 3.49 0.28	39.61 3.70 0.00	43.85 4.13 0.00	49.25 5.20 0.00	50.88 5.57 0.00	50.34 5.47 0.00	45.93 4.74 0.00	39.14 3.88 0.00	36.11 3.31 0.00	34.43 3.07 0.00
ISLIP_RES_REC 323679	35.21 1.91 -2.42	30.88 1.59 -0.98	29.30 1.49 -2.16	27.77 1.32 -1.50	29.02 1.40 -1.61	34.32 1.61 -4.52	38.46 2.15 -2.13	41.97 2.73 -0.77	40.89 2.64 0.00	40.18 2.33 -1.99	39.08 2.63 0.00	40.95 2.49 -3.35	38.93 2.48 -0.48	39.28 2.50 -1.58	38.87 2.62 -0.29	39.36 2.69 -0.76	44.03 3.02 -1.30	47.66 3.61 0.00	48.98 3.67 0.00	48.46 3.59 0.00	44.45 3.25 0.00	39.92 2.65 -2.01	35.48 1.80 -0.87	33.20 1.85 0.00
JAMAICA__27_KV_LOAD 355505	32.79 1.91 -0.01	29.85 1.53 0.00	27.01 1.36 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.72 1.52 0.00	36.34 2.15 -0.01	40.96 2.46 -0.03	42.24 2.37 -1.61	39.37 2.12 -1.39	42.28 2.19 -3.64	44.32 2.07 -7.15	44.27 2.09 -6.21	43.99 2.04 -6.75	42.17 2.12 -4.09	44.01 2.15 -5.95	48.24 2.58 -5.95	47.19 3.13 -0.02	48.44 3.13 -0.01	48.01 3.14 -0.01	43.92 2.72 -0.01	38.64 2.22 -1.15	34.61 1.80 -0.01	33.09 1.72 -0.01
JANIS___SOLAR 323808	32.17 1.30 0.00	29.42 1.10 0.00	26.63 0.97 0.00	25.90 0.95 0.00	27.03 1.01 0.00	29.43 1.24 0.00	36.02 1.84 0.00	40.55 2.08 0.00	40.09 1.84 0.00	37.62 1.76 0.00	38.10 1.64 0.00	36.69 1.58 0.00	37.59 1.62 0.00	36.89 1.69 0.00	37.68 1.73 0.00	37.60 1.69 0.00	41.90 2.18 0.00	46.56 2.51 0.00	48.12 2.81 0.00	47.56 2.69 0.00	43.59 2.39 0.00	37.27 2.01 0.00	34.84 2.03 0.00	33.05 1.69 0.00
JARVIS____ 23743	32.02 0.19 -0.96	29.37 0.17 -0.88	26.53 0.15 -0.72	25.76 0.15 -0.66	26.88 0.16 -0.71	29.17 0.17 -0.81	34.98 0.21 -0.59	39.41 0.23 -0.71	38.45 0.19 0.00	36.08 0.22 0.00	36.91 0.18 -0.27	35.92 0.18 -0.64	36.39 0.18 -0.24	35.57 0.18 -0.19	36.44 0.18 -0.30	36.24 0.18 -0.15	39.99 0.24 -0.04	45.51 0.31 -1.15	47.08 0.36 -1.41	46.54 0.32 -1.36	42.73 0.25 -1.28	36.58 0.21 -1.10	33.98 0.16 -1.01	32.51 0.19 -0.97
JENNISON___1 23625	32.29 1.42 0.00	29.57 1.25 0.00	26.78 1.13 0.00	26.05 1.10 0.00	27.16 1.14 0.00	29.55 1.35 0.00	36.09 1.91 0.00	40.55 2.08 0.00	40.24 1.99 0.00	37.98 2.12 0.00	38.49 2.04 0.00	37.11 2.00 0.00	37.98 2.01 0.00	37.31 2.11 0.00	38.04 2.09 0.00	37.85 1.94 0.00	42.02 2.30 0.00	46.65 2.60 0.00	48.12 2.81 0.00	47.60 2.74 0.00	43.67 2.47 0.00	37.31 2.05 0.00	34.84 2.03 0.00	33.14 1.79 0.00
JENNISON___2 23626	32.29 1.42 0.00	29.57 1.25 0.00	26.78 1.13 0.00	26.05 1.10 0.00	27.16 1.14 0.00	29.55 1.35 0.00	36.09 1.91 0.00	40.55 2.08 0.00	40.24 1.99 0.00	37.98 2.12 0.00	38.49 2.04 0.00	37.11 2.00 0.00	37.98 2.01 0.00	37.31 2.11 0.00	38.04 2.09 0.00	37.85 1.94 0.00	42.02 2.30 0.00	46.65 2.60 0.00	48.12 2.81 0.00	47.60 2.74 0.00	43.67 2.47 0.00	37.31 2.05 0.00	34.84 2.03 0.00	33.14 1.79 0.00
JERICOHO_RISE_WT_PWR 323719	9.46 -1.82 19.59	8.81 -1.56 17.95	9.52 -1.36 14.78	10.21 -1.27 13.47	10.26 -1.30 14.45	10.30 -1.44 16.46	20.41 -1.67 12.10	22.20 -1.85 14.42	36.53 -1.72 0.00	34.17 -1.68 0.01	29.17 -1.71 5.57	20.39 -1.72 13.00	29.25 -1.76 4.96	29.44 -1.87 3.89	27.95 -1.83 6.17	31.06 -1.79 3.05	36.89 -2.07 0.76	18.31 -2.29 23.45	13.93 -2.54 28.84	14.70 -2.42 27.74	12.70 -2.31 26.20	10.69 -2.08 22.50	10.23 -1.97 20.61	9.56 -1.94 19.85
KATONAH___115KV_46KV_TB4 355592	32.54 1.67 0.00	29.74 1.42 0.00	26.86 1.21 0.00	26.12 1.17 0.00	27.26 1.25 0.00	29.60 1.41 0.00	35.89 1.71 0.00	40.55 2.08 0.00	40.20 1.95 0.00	37.58 1.72 0.00	38.24 1.79 0.00	36.82 1.72 0.00	37.79 1.73 -0.10	36.97 1.65 -0.11	37.97 1.73 -0.29	37.67 1.76 0.00	41.78 2.07 0.00	46.52 2.47 0.00	47.94 2.63 0.00	47.33 2.47 0.00	43.34 2.14 0.00	37.10 1.83 0.00	34.18 1.38 0.00	32.76 1.41 0.00
KCE_NY_1 323755	32.41 1.54 0.00	29.74 1.42 0.00	26.99 1.33 0.00	26.25 1.30 0.00	27.37 1.35 0.00	29.72 1.52 0.00	35.92 1.74 0.00	40.35 1.88 0.00	40.05 1.80 0.00	37.51 1.65 0.00	38.10 1.64 0.00	36.69 1.58 0.00	37.38 1.51 0.10	36.46 1.37 0.11	37.15 1.47 0.28	37.49 1.58 0.00	41.58 1.87 0.00	46.43 2.38 0.00	47.89 2.58 0.00	47.38 2.51 0.00	43.34 2.14 0.00	37.03 1.76 0.00	34.28 1.48 0.00	32.80 1.44 0.00
KCE_NY_6_ESR 323823	29.67 -1.20 0.00	26.93 -1.39 0.00	24.48 -1.18 0.00	23.80 -1.15 0.00	24.82 -1.20 0.00	27.12 -1.07 0.00	32.92 -1.26 0.00	36.35 -2.12 0.00	36.22 -2.03 0.00	34.28 -1.58 0.00	35.18 -1.28 0.00	34.02 -1.09 0.00	35.25 -0.72 0.00	34.78 -0.42 0.00	34.99 -0.97 0.00	34.69 -1.22 0.00	38.76 -0.95 0.00	42.77 -1.28 0.00	43.50 -1.81 0.00	43.07 -1.80 0.00	39.80 -1.40 0.00	33.82 -1.45 0.00	32.80 0.00 0.00	31.23 -0.12 0.00
KEDC_PORT_JEFF_GT2 24210	35.08 1.79 -2.42	30.27 1.50 -0.45	29.20 1.38 -2.16	27.70 1.25 -1.50	28.95 1.33 -1.61	34.20 1.49 -4.52	38.33 2.02 -2.13	41.78 2.54 -0.77	40.66 2.41 0.00	40.00 2.15 -1.99	38.82 2.37 0.00	40.70 2.25 -3.35	38.72 2.27 -0.48	39.07 2.29 -1.58	38.65 2.41 -0.29	39.14 2.48 -0.76	43.56 2.54 -1.30	47.13 3.08 0.00	48.43 3.12 0.00	47.92 3.05 0.00	44.25 3.05 0.00	39.64 2.36 -2.01	35.35 1.67 -0.87	33.08 1.72 0.00
KEDC_PORT_JEFF_GT3 24211	35.08 1.79 -2.42	30.27 1.50 -0.45	29.20 1.38 -2.16	27.70 1.25 -1.50	28.95 1.33 -1.61	34.20 1.49 -4.52	38.33 2.02 -2.13	41.78 2.54 -0.77	40.66 2.41 0.00	40.00 2.15 -1.99	38.82 2.37 0.00	40.70 2.25 -3.35	38.72 2.27 -0.48	39.07 2.29 -1.58	38.65 2.41 -0.29	39.14 2.48 -0.76	43.56 2.54 -1.30	47.13 3.08 0.00	48.43 3.12 0.00	47.92 3.05 0.00	44.25 3.05 0.00	39.64 2.36 -2.01	35.35 1.67 -0.87	33.08 1.72 0.00
KEDC_GLWD_GT4 24219	35.48 2.19 -2.42	30.64 1.87 -0.45	29.43 1.62 -2.16	28.00 1.55 -1.50	29.26 1.64 -1.61	34.52 1.81 -4.52	38.56 2.26 -2.13	41.93 2.69 -0.77	40.82 2.56 0.00	40.18 2.33 -1.99	38.60 2.15 0.00	40.49 2.04 -3.35	38.54 2.09 -0.48	38.79 2.01 -1.58	38.33 2.08 -0.29	38.75 2.08 -0.76	43.52 2.50 -1.30	46.96 2.91 0.00	48.25 2.94 0.00	47.74 2.87 0.00	43.71 2.51 0.00	39.43 2.15 -2.01	35.61 1.93 -0.87	33.30 1.94 0.00
KEDC_GLWD_GT5 24220	35.48 2.19 -2.42	30.64 1.87 -0.45	29.43 1.62 -2.16	28.00 1.55 -1.50	29.26 1.64 -1.61	34.52 1.81 -4.52	38.56 2.26 -2.13	41.93 2.69 -0.77	40.82 2.56 0.00	40.18 2.33 -1.99	38.60 2.15 0.00	40.49 2.04 -3.35	38.54 2.09 -0.48	38.79 2.01 -1.58	38.33 2.08 -0.29	38.75 2.08 -0.76	43.52 2.50 -1.30	46.96 2.91 0.00	48.25 2.94 0.00	47.74 2.87 0.00	43.71 2.51 0.00	39.43 2.15 -2.01	35.61 1.93 -0.87	33.30 1.94 0.00

KENSICO____ 23655	32.45 1.57 0.00	29.65 1.33 0.00	26.76 1.10 0.00	26.00 1.05 0.00	27.13 1.12 0.00	29.43 1.24 0.00	35.75 1.57 0.00	40.35 1.88 0.00	40.01 1.76 0.00	37.40 1.54 0.00	38.02 1.57 0.00	36.61 1.51 0.00	37.58 1.51 -0.10	36.79 1.48 -0.11	37.79 1.55 -0.29	37.49 1.58 0.00	41.58 1.87 0.00	46.30 2.25 0.00	47.57 2.27 0.00	47.11 2.24 0.00	43.09 1.90 0.00	36.92 1.66 0.00	34.05 1.25 0.00	32.67 1.32 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.48 1.61 0.00	29.68 1.36 0.00	26.76 1.10 0.00	26.02 1.07 0.00	27.16 1.14 0.00	29.46 1.27 0.00	35.82 1.64 0.00	40.32 1.85 0.00	39.97 1.72 0.00	37.37 1.51 0.00	37.95 1.49 0.00	36.51 1.40 0.00	37.46 1.44 -0.06	36.64 1.37 -0.06	37.66 1.55 -0.16	37.42 1.51 0.00	41.58 1.87 0.00	46.21 2.16 0.00	47.57 2.27 0.00	47.11 2.24 0.00	43.17 1.98 0.00	36.92 1.66 0.00	34.08 1.28 0.00	32.70 1.35 0.00
KIAC_JFK_GT1 23816	32.61 1.73 -0.01	29.71 1.39 0.00	26.86 1.21 0.00	26.07 1.12 0.00	27.26 1.25 0.00	29.58 1.38 0.00	36.13 1.95 -0.01	40.61 2.12 -0.03	41.85 1.99 -1.61	39.01 1.76 -1.39	41.91 1.82 -3.64	44.01 1.76 -7.15	43.91 1.73 -6.21	43.64 1.69 -6.75	41.81 1.76 -4.09	43.69 1.83 -5.95	47.85 2.18 -5.95	46.75 2.69 -0.02	47.99 2.67 -0.01	47.56 2.69 -0.01	43.51 2.31 -0.01	38.29 1.87 -1.15	34.42 1.61 -0.01	32.90 1.54 -0.01
KIAC_JFK_GT2 23817	32.61 1.73 -0.01	29.71 1.39 0.00	26.86 1.21 0.00	26.07 1.12 0.00	27.26 1.25 0.00	29.58 1.38 0.00	36.13 1.95 -0.01	40.61 2.12 -0.03	41.85 1.99 -1.61	39.01 1.76 -1.39	41.91 1.82 -3.64	44.01 1.76 -7.15	43.91 1.73 -6.21	43.64 1.69 -6.75	41.81 1.76 -4.09	43.69 1.83 -5.95	47.85 2.18 -5.95	46.75 2.69 -0.02	47.99 2.67 -0.01	47.56 2.69 -0.01	43.51 2.31 -0.01	38.29 1.87 -1.15	34.42 1.61 -0.01	32.90 1.54 -0.01
KIAC_JFK____ 323774	32.61 1.73 -0.01	29.68 1.36 0.00	26.89 1.23 0.00	26.08 1.12 0.00	27.26 1.25 0.00	29.57 1.38 0.00	35.90 1.71 -0.01	40.61 2.11 -0.03	41.88 1.99 -1.64	39.03 1.76 -1.41	42.01 1.86 -3.70	44.13 1.75 -7.27	44.05 1.76 -6.32	43.78 1.72 -6.86	41.90 1.80 -4.15	43.79 1.83 -6.05	48.03 2.26 -6.05	46.75 2.69 -0.02	47.99 2.67 -0.01	47.56 2.69 -0.01	43.55 2.35 -0.01	38.30 1.87 -1.17	34.42 1.61 -0.01	32.90 1.54 -0.01
KINTIGH____ 23543	29.48 -1.39 0.00	26.74 -1.59 0.00	24.35 -1.31 0.00	23.65 -1.30 0.00	24.66 -1.35 0.00	26.92 -1.27 0.00	32.57 -1.61 0.00	35.89 -2.58 0.00	35.73 -2.52 0.00	33.85 -2.01 0.00	34.63 -1.82 0.00	33.45 -1.65 0.00	34.64 -1.33 0.00	34.11 -1.09 0.00	34.41 -1.55 0.00	34.11 -1.80 0.00	38.01 -1.71 0.00	42.07 -1.98 0.00	42.86 -2.45 0.00	42.31 -2.56 0.00	39.26 -1.94 0.00	33.29 -1.97 0.00	32.24 -0.56 0.00	30.66 -0.69 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	8.97 -1.88 20.02	8.39 -1.59 18.34	9.20 -1.36 15.10	9.91 -1.27 13.77	9.97 -1.27 14.77	10.02 -1.35 16.82	20.35 -1.47 12.36	22.07 -1.65 14.74	36.72 -1.53 0.00	34.28 -1.58 0.01	29.16 -1.60 5.69	20.21 -1.61 13.28	29.28 -1.62 5.07	29.43 -1.80 3.98	27.93 -1.73 6.30	31.06 -1.72 3.12	37.19 -1.75 0.78	18.20 -1.89 23.96	13.62 -2.22 29.47	14.45 -2.06 28.35	12.29 -2.14 26.77	10.27 -2.01 22.99	9.87 -1.87 21.06	9.09 -1.98 20.29
LACHUTE__HYDRO 323717	34.11 3.24 0.00	31.27 2.95 0.00	28.37 2.72 0.00	27.57 2.62 0.00	28.72 2.71 0.00	31.32 3.13 0.00	37.94 3.76 0.00	42.43 3.96 0.00	42.35 4.10 0.00	39.74 3.87 0.00	40.43 3.97 0.00	38.93 3.83 0.00	39.58 3.71 0.10	38.40 3.31 0.11	39.16 3.49 0.28	39.61 3.70 0.00	43.89 4.17 0.00	49.25 5.20 0.00	50.88 5.57 0.00	50.34 5.47 0.00	45.93 4.74 0.00	39.11 3.84 0.00	36.11 3.31 0.00	34.46 3.10 0.00
LAWRNCV_115KV_TB1 80681	13.36 -0.71 16.80	12.30 -0.62 15.40	12.42 -0.56 12.67	12.85 -0.55 11.56	13.05 -0.57 12.40	13.46 -0.62 14.12	23.15 -0.65 10.38	25.40 -0.69 12.37	37.60 -0.65 0.00	35.21 -0.65 0.01	30.95 -0.73 4.78	23.22 -0.74 11.15	30.89 -0.83 4.25	31.05 -0.81 3.34	29.84 -0.83 5.29	32.43 -0.86 2.62	37.95 -1.11 0.65	22.27 -1.67 20.11	18.76 -1.81 24.74	19.41 -1.66 23.80	17.21 -1.52 22.47	14.74 -1.23 19.29	14.04 -1.08 17.68	13.42 -0.91 17.03
LEDERLE____ 23769	32.48 1.61 0.00	29.68 1.36 0.00	26.71 1.05 0.00	25.95 1.00 0.00	27.08 1.07 0.00	29.41 1.21 0.00	35.72 1.54 0.00	40.28 1.81 0.00	39.97 1.72 0.00	37.40 1.54 0.00	38.02 1.57 0.00	36.61 1.51 0.00	37.57 1.51 -0.09	36.79 1.48 -0.10	37.77 1.55 -0.27	37.49 1.58 0.00	41.58 1.87 0.00	46.25 2.20 0.00	47.57 2.27 0.00	47.11 2.24 0.00	43.09 1.90 0.00	36.89 1.62 0.00	34.02 1.21 0.00	32.64 1.29 0.00
LIGHTHSE_115KV_TB6 355974	29.79 0.62 1.70	27.27 0.51 1.56	24.84 0.46 1.28	24.23 0.45 1.17	25.26 0.49 1.25	27.39 0.62 1.43	34.12 0.99 1.05	38.33 1.12 1.25	39.29 1.03 0.00	36.90 1.04 0.00	36.88 0.91 0.48	34.86 0.88 1.13	36.48 0.94 0.43	35.78 0.92 0.34	36.36 0.93 0.53	36.43 0.79 0.26	40.64 0.99 0.07	42.99 0.97 2.03	43.90 1.09 2.50	43.54 1.08 2.41	39.96 1.03 2.27	34.27 0.95 1.95	32.06 1.05 1.79	30.45 0.82 1.72
LINDEN COGEN____ 23786	32.48 1.60 -0.01	29.60 1.28 0.00	26.76 1.10 0.00	25.97 1.02 0.00	27.13 1.12 0.00	29.43 1.24 0.00	35.79 1.61 -0.01	40.42 1.92 -0.03	41.69 1.80 -1.64	38.89 1.62 -1.41	41.75 1.60 -3.70	43.92 1.54 -7.27	43.83 1.55 -6.32	43.57 1.51 -6.86	41.73 1.62 -4.15	43.57 1.62 -6.05	47.71 1.95 -6.05	46.36 2.29 -0.02	47.63 2.31 -0.01	47.16 2.29 -0.01	43.18 1.98 -0.01	38.16 1.73 -1.17	34.12 1.31 -0.01	32.71 1.35 -0.01
LINDHRST_69_KV_BK1 356055	35.48 2.19 -2.42	30.61 1.84 -0.45	29.43 1.62 -2.16	27.98 1.52 -1.50	29.26 1.64 -1.61	34.51 1.80 -4.52	38.67 2.36 -2.13	42.05 2.81 -0.77	40.89 2.64 0.00	40.22 2.37 -1.99	38.97 2.52 0.00	40.88 2.42 -3.35	38.90 2.45 -0.48	39.21 2.43 -1.58	38.69 2.44 -0.29	39.25 2.59 -0.76	43.99 2.98 -1.30	47.62 3.57 0.00	48.98 3.67 0.00	48.54 3.68 0.00	44.04 2.84 0.00	39.92 2.64 -2.01	35.71 2.03 -0.87	33.36 2.01 0.00
LIPA_MISC_IPP 23656	34.40 1.11 -2.42	26.82 0.88 2.38	28.69 0.87 -2.16	27.15 0.70 -1.50	28.38 0.75 -1.61	33.61 0.90 -4.52	37.64 1.33 -2.13	41.05 1.81 -0.77	39.97 1.72 0.00	39.29 1.43 -1.99	38.06 1.60 0.00	40.04 1.58 -3.35	37.96 1.51 -0.48	38.37 1.58 -1.58	37.79 1.55 -0.29	38.50 1.83 -0.76	43.28 2.26 -1.30	47.00 2.95 0.00	48.35 3.04 0.00	47.92 3.05 0.00	43.26 2.06 0.00	39.25 1.97 -2.01	34.86 1.18 -0.87	32.48 1.13 0.00
LISF__SOLAR 323691	34.43 1.14 -2.42	25.93 0.88 3.27	28.74 0.92 -2.16	27.18 0.72 -1.50	28.40 0.78 -1.61	33.67 0.96 -4.52	37.68 1.37 -2.13	41.09 1.85 -0.77	39.98 1.72 0.00	39.32 1.47 -1.99	38.13 1.68 0.00	40.04 1.58 -3.35	38.00 1.55 -0.48	38.40 1.62 -1.58	38.01 1.76 -0.29	38.53 1.87 -0.76	43.20 2.18 -1.30	46.74 2.69 0.00	48.07 2.76 0.00	47.56 2.69 0.00	43.59 2.39 0.00	39.18 1.90 -2.01	34.69 1.02 -0.87	32.51 1.16 0.00

LITTLE FALLS___HYD 24013	31.46 -0.37 -0.96	28.86 -0.34 -0.88	26.04 -0.33 -0.72	25.29 -0.32 -0.66	26.38 -0.34 -0.71	28.63 -0.37 -0.81	34.36 -0.41 -0.59	38.71 -0.46 -0.71	37.76 -0.50 0.00	35.40 -0.47 0.00	36.25 -0.47 -0.27	35.29 -0.46 -0.64	35.71 -0.50 -0.24	34.90 -0.49 -0.19	35.75 -0.50 -0.30	35.56 -0.50 -0.15	39.24 -0.52 -0.04	44.72 -0.48 -1.15	46.31 -0.41 -1.41	45.78 -0.45 -1.36	42.07 -0.41 -1.28	36.01 -0.35 -1.10	33.42 -0.39 -1.01	31.95 -0.38 -0.97
LITTLRIV_115KV_TB1 356100	13.98 -0.46 16.43	12.87 -0.40 15.06	12.90 -0.36 12.39	13.30 -0.35 11.30	13.50 -0.39 12.12	14.02 -0.37 13.81	23.73 -0.31 10.15	26.06 -0.31 12.10	37.99 -0.27 0.00	35.60 -0.25 0.01	31.42 -0.36 4.67	23.78 -0.42 10.90	31.31 -0.50 4.16	31.44 -0.49 3.27	30.28 -0.50 5.17	32.77 -0.57 2.56	38.28 -0.79 0.64	23.11 -1.28 19.67	19.80 -1.31 24.19	20.38 -1.21 23.27	18.15 -1.07 21.97	15.55 -0.85 18.87	14.76 -0.75 17.29	14.07 -0.63 16.65
LI_NEWBRDGE___DRP 323616	35.27 1.98 -2.42	30.47 1.70 -0.45	29.25 1.44 -2.16	27.83 1.37 -1.50	29.10 1.48 -1.61	34.32 1.61 -4.52	38.36 2.05 -2.13	41.67 2.42 -0.77	40.51 2.26 0.00	39.89 2.04 -1.99	38.53 2.08 0.00	40.46 2.00 -3.35	38.47 2.01 -0.48	38.75 1.97 -1.58	38.26 2.01 -0.29	38.75 2.08 -0.76	43.36 2.34 -1.30	46.87 2.82 0.00	48.21 2.90 0.00	47.74 2.87 0.00	43.46 2.27 0.00	39.43 2.15 -2.01	35.38 1.71 -0.87	33.11 1.76 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.45 -1.42 0.00	26.65 -1.67 0.00	24.27 -1.39 0.00	23.60 -1.35 0.00	24.61 -1.40 0.00	26.87 -1.33 0.00	32.54 -1.64 0.00	35.81 -2.65 0.00	35.65 -2.60 0.00	33.78 -2.08 0.00	34.63 -1.82 0.00	33.45 -1.65 0.00	34.71 -1.26 0.00	34.25 -0.95 0.00	34.45 -1.51 0.00	34.08 -1.83 0.00	38.09 -1.63 0.00	42.07 -1.98 0.00	42.86 -2.45 0.00	42.31 -2.56 0.00	39.30 -1.90 0.00	33.25 -2.01 0.00	32.41 -0.39 0.00	30.85 -0.50 0.00
LOCKPORT___CC1 323769	29.42 -1.45 0.00	26.71 -1.61 0.00	24.27 -1.39 0.00	23.58 -1.37 0.00	24.61 -1.41 0.00	26.84 -1.35 0.00	32.51 -1.67 0.00	35.78 -2.69 0.00	35.61 -2.64 0.00	33.75 -2.12 0.00	34.60 -1.86 0.00	33.42 -1.68 0.00	34.68 -1.29 0.00	34.15 -1.06 0.00	34.34 -1.62 0.00	34.04 -1.87 0.00	37.97 -1.75 0.00	42.03 -2.03 0.00	42.68 -2.63 0.00	42.26 -2.60 0.00	39.14 -2.06 0.00	33.22 -2.05 0.00	32.37 -0.43 0.00	30.82 -0.53 0.00
LOCKPORT___CC2 323770	29.42 -1.45 0.00	26.71 -1.61 0.00	24.27 -1.39 0.00	23.58 -1.37 0.00	24.61 -1.41 0.00	26.84 -1.35 0.00	32.51 -1.67 0.00	35.78 -2.69 0.00	35.61 -2.64 0.00	33.75 -2.12 0.00	34.60 -1.86 0.00	33.42 -1.68 0.00	34.68 -1.29 0.00	34.15 -1.06 0.00	34.34 -1.62 0.00	34.04 -1.87 0.00	37.97 -1.75 0.00	42.03 -2.03 0.00	42.68 -2.63 0.00	42.26 -2.60 0.00	39.14 -2.06 0.00	33.22 -2.05 0.00	32.37 -0.43 0.00	30.82 -0.53 0.00
LOCKPORT___CC3 323771	29.42 -1.45 0.00	26.71 -1.61 0.00	24.27 -1.39 0.00	23.58 -1.37 0.00	24.61 -1.41 0.00	26.84 -1.35 0.00	32.51 -1.67 0.00	35.78 -2.69 0.00	35.61 -2.64 0.00	33.75 -2.12 0.00	34.60 -1.86 0.00	33.42 -1.68 0.00	34.68 -1.29 0.00	34.15 -1.06 0.00	34.34 -1.62 0.00	34.04 -1.87 0.00	37.97 -1.75 0.00	42.03 -2.03 0.00	42.68 -2.63 0.00	42.26 -2.60 0.00	39.14 -2.06 0.00	33.22 -2.05 0.00	32.37 -0.43 0.00	30.82 -0.53 0.00
LONG_LAKE_PHOENIX 24014	30.87 0.68 0.68	28.27 0.57 0.62	25.66 0.51 0.51	24.98 0.50 0.47	26.06 0.55 0.50	28.27 0.65 0.57	34.75 0.99 0.42	39.09 1.12 0.50	39.32 1.07 0.00	36.90 1.04 0.00	37.35 1.09 0.19	35.74 1.09 0.45	36.99 1.19 0.17	36.19 1.13 0.13	36.89 1.15 0.21	36.84 1.04 0.11	40.96 1.27 0.03	44.61 1.37 0.81	45.67 1.36 1.00	45.25 1.35 0.96	41.49 1.19 0.91	35.54 1.06 0.78	33.20 1.12 0.71	31.54 0.88 0.69
LOVETT___3 23632	32.32 1.45 0.00	29.57 1.25 0.00	26.60 0.95 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.29 1.10 0.00	35.55 1.37 0.00	40.12 1.65 0.00	39.78 1.53 0.00	37.22 1.36 0.00	37.84 1.39 0.00	36.44 1.33 0.00	37.39 1.33 -0.09	36.58 1.27 -0.11	37.59 1.37 -0.27	37.31 1.40 0.00	41.35 1.63 0.00	46.03 1.98 0.00	47.35 2.04 0.00	46.84 1.97 0.00	42.89 1.69 0.00	36.71 1.45 0.00	33.85 1.05 0.00	32.51 1.16 0.00
LOVETT___4 23642	32.32 1.45 0.00	29.57 1.25 0.00	26.60 0.95 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.29 1.10 0.00	35.55 1.37 0.00	40.12 1.65 0.00	39.78 1.53 0.00	37.22 1.36 0.00	37.84 1.39 0.00	36.44 1.33 0.00	37.39 1.33 -0.09	36.58 1.27 -0.11	37.59 1.37 -0.27	37.31 1.40 0.00	41.35 1.63 0.00	46.03 1.98 0.00	47.35 2.04 0.00	46.84 1.97 0.00	42.89 1.69 0.00	36.71 1.45 0.00	33.85 1.05 0.00	32.51 1.16 0.00
LOVETT___5 23593	32.32 1.45 0.00	29.57 1.25 0.00	26.60 0.95 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.29 1.10 0.00	35.55 1.37 0.00	40.12 1.65 0.00	39.78 1.53 0.00	37.22 1.36 0.00	37.84 1.39 0.00	36.44 1.33 0.00	37.39 1.33 -0.09	36.58 1.27 -0.11	37.59 1.37 -0.27	37.31 1.40 0.00	41.35 1.63 0.00	46.03 1.98 0.00	47.35 2.04 0.00	46.84 1.97 0.00	42.89 1.69 0.00	36.71 1.45 0.00	33.85 1.05 0.00	32.51 1.16 0.00
LOWER RAQUET___HYD 24057	14.08 -0.71 16.08	12.96 -0.62 14.74	12.96 -0.56 12.13	13.34 -0.55 11.06	13.58 -0.57 11.87	14.09 -0.59 13.51	23.63 -0.61 9.93	25.97 -0.65 11.84	37.64 -0.61 0.00	35.25 -0.61 0.01	31.19 -0.69 4.57	23.73 -0.70 10.67	31.11 -0.79 4.07	31.23 -0.77 3.20	30.10 -0.79 5.06	32.58 -0.82 2.51	37.94 -1.15 0.63	23.04 -1.76 19.25	19.77 -1.86 23.68	20.29 -1.80 22.78	18.08 -1.61 21.51	15.49 -1.30 18.47	14.77 -1.12 16.92	14.14 -0.91 16.30
LOWER___HUDSON 24059	31.89 1.02 0.00	29.28 0.96 0.00	26.58 0.92 0.00	25.87 0.92 0.00	26.98 0.96 0.00	29.26 1.07 0.00	35.34 1.16 0.00	39.78 1.31 0.00	39.36 1.11 0.00	36.83 0.97 0.00	37.40 0.95 0.00	35.98 0.88 0.00	36.67 0.83 0.12	35.80 0.74 0.14	36.42 0.83 0.36	36.81 0.90 0.00	40.87 1.15 0.00	45.55 1.50 0.00	47.03 1.72 0.00	46.48 1.61 0.00	42.52 1.32 0.00	36.36 1.09 0.00	33.69 0.89 0.00	32.33 0.97 0.00
LOWVILLE_115KV_TB2 356335	27.35 0.49 4.02	25.06 0.42 3.68	22.98 0.36 3.03	22.56 0.37 2.76	23.41 0.36 2.97	25.32 0.51 3.38	32.55 0.85 2.48	36.47 0.96 2.96	39.13 0.88 0.00	36.79 0.93 0.00	36.08 0.77 1.14	33.14 0.70 2.67	35.53 0.58 1.02	35.04 0.63 0.80	35.34 0.65 1.27	35.82 0.54 0.63	40.24 0.68 0.16	39.95 0.70 4.81	40.34 0.95 5.92	40.12 0.94 5.69	36.65 0.82 5.37	31.42 0.78 4.62	29.26 0.69 4.23	27.84 0.56 4.07
LUTHERFT_115KV_GLOB_FND_222 355753	32.38 1.51 0.00	29.74 1.42 0.00	26.99 1.33 0.00	26.22 1.27 0.00	27.34 1.33 0.00	29.69 1.49 0.00	35.89 1.71 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.48 1.61 0.00	38.09 1.64 0.00	36.65 1.54 0.00	37.38 1.51 0.10	36.43 1.34 0.11	37.11 1.44 0.28	37.45 1.54 0.00	41.54 1.83 0.00	46.39 2.33 0.00	47.85 2.54 0.00	47.33 2.47 0.00	43.30 2.10 0.00	36.99 1.73 0.00	34.24 1.44 0.00	32.80 1.44 0.00

LUTHERNY_35_KV_BK2 355980	32.42 1.54 0.00	29.77 1.44 0.00	26.99 1.33 0.00	26.25 1.30 0.00	27.37 1.35 0.00	29.72 1.52 0.00	35.89 1.71 0.00	40.35 1.88 0.00	40.05 1.80 0.00	37.51 1.65 0.00	38.09 1.64 0.00	36.68 1.58 0.00	37.38 1.51 0.10	36.46 1.37 0.11	37.11 1.44 0.28	37.49 1.58 0.00	41.54 1.83 0.00	46.43 2.38 0.00	47.89 2.58 0.00	47.38 2.51 0.00	43.34 2.14 0.00	37.03 1.76 0.00	34.28 1.48 0.00	32.80 1.44 0.00
LWR___OSWEGATCHIE_HYD 23850	20.03 -0.12 10.71	18.39 -0.11 9.82	17.47 -0.10 8.08	17.48 -0.10 7.37	18.01 -0.10 7.90	19.14 -0.06 9.00	27.70 0.14 6.62	30.77 0.19 7.89	38.41 0.15 0.00	36.04 0.18 0.00	33.44 0.04 3.05	28.00 0.00 7.11	33.15 -0.11 2.71	33.00 -0.07 2.13	32.51 -0.07 3.37	34.09 -0.14 1.67	39.06 -0.24 0.42	30.70 -0.53 12.82	29.08 -0.45 15.77	29.29 -0.40 15.17	26.50 -0.37 14.33	22.72 -0.25 12.30	21.33 -0.20 11.27	20.34 -0.16 10.86
LYONS_FALL_HYD 23570	29.23 0.65 2.29	26.79 0.57 2.10	24.44 0.51 1.72	23.88 0.50 1.57	24.85 0.52 1.69	26.92 0.65 1.92	33.72 0.96 1.41	37.86 1.08 1.68	39.25 0.99 0.00	36.94 1.07 0.00	36.75 0.95 0.65	34.50 0.91 1.52	36.22 0.83 0.58	35.59 0.84 0.45	36.10 0.86 0.72	36.34 0.79 0.36	40.58 0.95 0.09	42.33 1.01 2.74	43.21 1.27 3.37	42.84 1.21 3.24	39.21 1.07 3.06	33.55 0.92 2.63	31.25 0.85 2.41	29.76 0.72 2.32
MADISON___COUNTY_LFGE 323628	31.86 0.99 0.00	29.20 0.88 0.00	26.45 0.80 0.00	25.72 0.77 0.00	26.82 0.81 0.00	29.12 0.93 0.00	35.48 1.30 0.00	39.89 1.42 0.00	39.59 1.34 0.00	37.26 1.40 0.00	37.80 1.35 0.00	36.44 1.33 0.00	37.30 1.33 0.00	36.54 1.34 0.00	37.32 1.37 0.00	37.16 1.26 0.00	41.19 1.47 0.00	45.68 1.63 0.00	47.12 1.81 0.00	46.62 1.75 0.00	42.76 1.57 0.00	36.60 1.34 0.00	34.05 1.25 0.00	32.45 1.10 0.00
MALONE___115KV_TB1 356076	10.93 -1.23 18.71	10.13 -1.05 17.14	10.62 -0.92 14.11	11.21 -0.87 12.87	11.33 -0.88 13.80	11.52 -0.96 15.72	21.60 -1.03 11.55	23.58 -1.12 13.78	37.26 -0.99 0.00	34.81 -1.04 0.01	30.08 -1.06 5.32	21.60 -1.09 12.41	30.08 -1.15 4.74	30.25 -1.23 3.72	28.84 -1.22 5.89	31.77 -1.22 2.92	37.68 -1.31 0.73	20.07 -1.59 22.39	16.00 -1.77 27.55	16.71 -1.66 26.50	14.57 -1.61 25.02	12.30 -1.48 21.48	11.71 -1.41 19.68	11.01 -1.38 18.96
MAPLEWOD_115KV_TB3 80458	31.64 0.77 0.00	29.06 0.74 0.00	26.37 0.72 0.00	25.62 0.67 0.00	26.72 0.70 0.00	28.98 0.79 0.00	35.03 0.85 0.00	39.43 0.96 0.00	39.06 0.80 0.00	36.54 0.68 0.00	37.15 0.69 0.00	35.74 0.63 0.00	36.45 0.58 0.09	35.59 0.49 0.11	36.25 0.58 0.28	36.55 0.65 0.00	40.51 0.79 0.00	45.20 1.15 0.00	46.62 1.31 0.00	46.12 1.26 0.00	42.19 0.99 0.00	36.08 0.81 0.00	33.39 0.59 0.00	32.01 0.66 0.00
MAPLE_RIDGE_WT_1 323574	0.00 -1.85 29.02	0.00 -1.73 26.59	2.20 -1.57 21.89	3.47 -1.52 19.96	3.02 -1.59 21.41	2.06 -1.75 24.38	14.14 -2.12 17.92	14.75 -2.35 21.37	36.00 -2.26 0.00	33.73 -2.12 0.01	26.05 -2.15 8.25	13.77 -2.07 19.26	26.50 -2.12 7.35	27.35 -2.08 5.77	24.77 -2.05 9.14	29.37 -2.01 4.53	36.28 -2.30 1.13	6.72 -2.60 34.74	0.00 -2.58 42.73	1.12 -2.65 41.10	0.00 -2.39 38.81	0.00 -1.94 33.33	0.21 -2.07 30.53	0.00 -1.94 29.41
MAPLE_RIDGE_WT_2 323611	0.00 -1.85 29.02	0.00 -1.73 26.59	2.20 -1.57 21.89	3.47 -1.52 19.96	3.02 -1.59 21.41	2.06 -1.75 24.38	14.14 -2.12 17.92	14.75 -2.35 21.37	36.00 -2.26 0.00	33.73 -2.12 0.01	26.05 -2.15 8.25	13.77 -2.07 19.26	26.50 -2.12 7.35	27.35 -2.08 5.77	24.77 -2.05 9.14	29.37 -2.01 4.53	36.28 -2.30 1.13	6.72 -2.60 34.74	0.00 -2.58 42.73	1.12 -2.65 41.10	0.00 -2.39 38.81	0.00 -1.94 33.33	0.21 -2.07 30.53	0.00 -1.94 29.41
MARBLE_RIVER_WT_PWR 323696	8.97 -1.88 20.02	8.36 -1.61 18.34	9.17 -1.39 15.10	9.86 -1.32 13.77	9.89 -1.35 14.77	9.91 -1.47 16.82	20.11 -1.71 12.36	21.84 -1.88 14.74	36.49 -1.76 0.00	34.13 -1.72 0.01	29.01 -1.75 5.69	20.10 -1.72 13.28	29.11 -1.80 5.07	29.32 -1.90 3.98	27.82 -1.83 6.30	30.96 -1.83 3.12	36.87 -2.07 0.78	17.80 -2.29 23.96	13.30 -2.54 29.47	14.09 -2.42 28.35	12.08 -2.35 26.77	10.16 -2.11 22.99	9.77 -1.97 21.06	9.06 -2.01 20.29
MARSHVLE_115KV_TB1 80742	33.47 2.59 0.00	30.67 2.35 0.00	27.78 2.13 0.00	27.02 2.07 0.00	28.20 2.19 0.00	30.70 2.51 0.00	37.29 3.11 0.00	41.66 3.19 0.00	41.39 3.14 0.00	38.52 2.65 0.00	38.93 2.48 0.00	37.46 2.35 0.00	38.18 2.27 0.06	37.32 2.18 0.07	38.16 2.37 0.17	38.57 2.66 0.00	43.21 3.50 0.00	48.28 4.23 0.00	49.89 4.58 0.00	49.35 4.49 0.00	45.15 3.95 0.00	38.51 3.24 0.00	35.62 2.82 0.00	33.92 2.57 0.00
MARSH_HILL_WT_PWR 323713	29.17 -1.70 0.00	26.62 -1.70 0.00	24.48 -1.18 0.00	23.90 -1.05 0.00	25.08 -0.94 0.00	27.55 -0.65 0.00	33.67 -0.51 0.00	37.93 -0.54 0.00	37.57 -0.69 0.00	35.25 -0.61 0.00	36.05 -0.40 0.00	35.00 -0.10 0.00	36.58 0.61 0.00	36.05 0.84 0.00	36.64 0.68 0.00	36.56 0.65 0.00	40.91 1.19 0.00	45.33 1.28 0.00	46.35 1.04 0.00	45.99 1.12 0.00	41.98 0.78 0.00	35.83 0.56 0.00	34.05 1.25 0.00	32.23 0.88 0.00
MCINTYRE_115KV_TB2 80467	13.51 -0.37 16.99	12.44 -0.31 15.57	12.56 -0.28 12.82	12.99 -0.27 11.69	13.17 -0.31 12.54	13.64 -0.28 14.28	23.48 -0.21 10.49	25.73 -0.23 12.51	38.06 -0.19 0.00	35.60 -0.25 0.01	31.26 -0.36 4.83	23.41 -0.42 11.27	31.17 -0.50 4.30	31.37 -0.46 3.38	30.14 -0.47 5.35	32.72 -0.54 2.65	38.34 -0.71 0.66	22.66 -1.06 20.34	19.30 -1.00 25.02	19.95 -0.85 24.06	17.74 -0.74 22.72	15.15 -0.60 19.51	14.37 -0.56 17.87	13.66 -0.47 17.22
MECO_____69_KV_BK1 80468	33.53 2.65 0.00	30.73 2.41 0.00	27.86 2.21 0.00	27.07 2.12 0.00	28.25 2.24 0.00	30.79 2.59 0.00	37.32 3.14 0.00	41.70 3.23 0.00	41.50 3.25 0.00	38.70 2.83 0.00	39.22 2.77 0.00	37.77 2.67 0.00	38.50 2.59 0.06	37.56 2.43 0.07	38.39 2.62 0.19	38.82 2.91 0.00	43.29 3.57 0.00	48.41 4.36 0.00	49.98 4.67 0.00	49.49 4.62 0.00	45.19 4.00 0.00	38.58 3.31 0.00	35.69 2.89 0.00	33.99 2.63 0.00
MENANDS___115KV_TB5 355628	31.46 0.59 0.00	28.89 0.57 0.00	26.22 0.56 0.00	25.50 0.55 0.00	26.56 0.55 0.00	28.79 0.59 0.00	34.79 0.62 0.00	39.20 0.73 0.00	38.83 0.57 0.00	36.33 0.47 0.00	36.93 0.47 0.00	35.53 0.42 0.00	36.24 0.36 0.09	35.38 0.28 0.11	36.04 0.36 0.27	36.34 0.43 0.00	40.27 0.56 0.00	44.89 0.84 0.00	46.31 1.00 0.00	45.81 0.94 0.00	41.90 0.70 0.00	35.83 0.56 0.00	33.16 0.36 0.00	31.79 0.44 0.00
MG INDUSTRY___DRP 24185	31.52 0.65 0.00	28.97 0.65 0.00	26.30 0.64 0.00	25.57 0.62 0.00	26.64 0.62 0.00	28.84 0.65 0.00	34.86 0.68 0.00	39.20 0.73 0.00	38.83 0.57 0.00	36.33 0.47 0.00	36.89 0.44 0.00	35.49 0.39 0.00	36.24 0.32 0.06	35.39 0.25 0.06	36.12 0.32 0.16	36.34 0.43 0.00	40.27 0.56 0.00	44.93 0.88 0.00	46.31 1.00 0.00	45.85 0.99 0.00	41.98 0.78 0.00	35.90 0.63 0.00	33.29 0.49 0.00	31.89 0.53 0.00

MID___OSWEGATCHIE_HYD 23849	20.03 -0.12 10.71	18.39 -0.11 9.82	17.47 -0.10 8.08	17.48 -0.10 7.37	18.01 -0.10 7.90	19.14 -0.06 9.00	27.70 0.14 6.62	30.77 0.19 7.89	38.41 0.15 0.00	36.04 0.18 0.00	33.44 0.04 3.05	28.00 0.00 7.11	33.15 -0.11 2.71	33.00 -0.07 2.13	32.51 -0.07 3.37	34.09 -0.14 1.67	39.06 -0.24 0.42	30.70 -0.53 12.82	29.08 -0.45 15.77	29.29 -0.40 15.17	26.50 -0.37 14.33	22.72 -0.25 12.30	21.33 -0.20 11.27	20.34 -0.16 10.86
MID___RAQUETTE_HYD 23851	14.08 -0.71 16.08	12.96 -0.62 14.74	12.96 -0.56 12.13	13.34 -0.55 11.06	13.58 -0.57 11.87	14.09 -0.59 13.51	23.63 -0.62 9.93	25.97 -0.65 11.84	37.64 -0.61 0.00	35.25 -0.61 0.01	31.19 -0.69 4.57	23.73 -0.70 10.67	31.11 -0.79 4.07	31.23 -0.77 3.20	30.06 -0.83 5.06	32.57 -0.83 2.51	37.98 -1.11 0.63	23.04 -1.76 19.25	19.73 -1.90 23.68	20.29 -1.79 22.78	18.08 -1.61 21.51	15.49 -1.30 18.47	14.77 -1.12 16.92	14.15 -0.91 16.30
MILLIKEN___1 23584	31.58 0.71 0.00	28.92 0.59 0.00	26.19 0.54 0.00	25.48 0.52 0.00	26.59 0.57 0.00	28.90 0.70 0.00	35.34 1.16 0.00	39.82 1.35 0.00	39.44 1.19 0.00	36.97 1.11 0.00	37.58 1.13 0.00	36.19 1.09 0.00	37.12 1.15 0.00	36.40 1.20 0.00	37.18 1.22 0.00	37.09 1.18 0.00	41.27 1.55 0.00	45.81 1.76 0.00	47.12 1.81 0.00	46.62 1.75 0.00	42.68 1.48 0.00	36.46 1.20 0.00	34.11 1.31 0.00	32.42 1.07 0.00
MILLIKEN___2 23585	31.58 0.71 0.00	28.92 0.59 0.00	26.19 0.54 0.00	25.48 0.52 0.00	26.59 0.57 0.00	28.90 0.70 0.00	35.34 1.16 0.00	39.82 1.35 0.00	39.44 1.19 0.00	36.97 1.11 0.00	37.58 1.13 0.00	36.19 1.09 0.00	37.12 1.15 0.00	36.40 1.20 0.00	37.18 1.22 0.00	37.09 1.18 0.00	41.27 1.55 0.00	45.81 1.76 0.00	47.12 1.81 0.00	46.62 1.75 0.00	42.68 1.48 0.00	36.46 1.20 0.00	34.11 1.31 0.00	32.42 1.07 0.00
MILLIKEN___DIESEL 23629	31.58 0.71 0.00	28.92 0.59 0.00	26.19 0.54 0.00	25.48 0.52 0.00	26.59 0.57 0.00	28.90 0.70 0.00	35.34 1.16 0.00	39.82 1.35 0.00	39.44 1.19 0.00	36.97 1.11 0.00	37.58 1.13 0.00	36.19 1.09 0.00	37.12 1.15 0.00	36.40 1.20 0.00	37.18 1.22 0.00	37.09 1.18 0.00	41.27 1.55 0.00	45.81 1.76 0.00	47.12 1.81 0.00	46.62 1.75 0.00	42.68 1.48 0.00	36.46 1.20 0.00	34.11 1.31 0.00	32.42 1.07 0.00
MILLSEAT___LFGE 323607	29.91 -0.96 0.00	27.13 -1.19 0.00	24.68 -0.97 0.00	23.98 -0.97 0.00	24.97 -1.04 0.00	27.26 -0.93 0.00	33.08 -1.10 0.00	36.55 -1.92 0.00	36.42 -1.84 0.00	34.54 -1.33 0.00	35.32 -1.13 0.00	34.12 -0.98 0.00	35.36 -0.61 0.00	34.89 -0.32 0.00	35.13 -0.83 0.00	34.87 -1.04 0.00	38.84 -0.87 0.00	43.04 -1.01 0.00	43.82 -1.49 0.00	43.34 -1.53 0.00	40.09 -1.11 0.00	34.03 -1.24 0.00	33.03 0.23 0.00	31.35 0.00 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.38 1.51 0.00	29.60 1.27 0.00	26.71 1.05 0.00	25.95 1.00 0.00	27.08 1.07 0.00	29.38 1.18 0.00	35.68 1.50 0.00	40.24 1.77 0.00	39.90 1.64 0.00	37.33 1.47 0.00	37.95 1.49 0.00	36.54 1.44 0.00	37.51 1.44 -0.10	36.72 1.41 -0.11	37.72 1.47 -0.29	37.42 1.51 0.00	41.46 1.75 0.00	46.17 2.11 0.00	47.48 2.17 0.00	47.02 2.15 0.00	43.01 1.81 0.00	36.85 1.59 0.00	33.98 1.18 0.00	32.61 1.25 0.00
MILLWOOD_13_KV_LOAD 356217	32.48 1.61 0.00	29.68 1.36 0.00	26.78 1.13 0.00	26.02 1.07 0.00	27.16 1.14 0.00	29.46 1.27 0.00	35.79 1.61 0.00	40.35 1.88 0.00	40.05 1.80 0.00	37.44 1.58 0.00	38.09 1.64 0.00	36.68 1.58 0.00	37.65 1.58 -0.10	36.83 1.51 -0.11	37.82 1.58 -0.29	37.52 1.62 0.00	41.62 1.91 0.00	46.34 2.29 0.00	47.71 2.40 0.00	47.15 2.29 0.00	43.17 1.98 0.00	36.96 1.69 0.00	34.08 1.28 0.00	32.70 1.35 0.00
MODEL_CITY_ENERGY 24167	29.20 -1.67 0.00	26.51 -1.81 0.00	24.06 -1.59 0.00	23.40 -1.55 0.00	24.40 -1.61 0.00	26.64 -1.55 0.00	32.23 -1.95 0.00	35.39 -3.08 0.00	35.23 -3.02 0.00	33.42 -2.44 0.00	34.23 -2.22 0.00	33.11 -2.00 0.00	34.32 -1.65 0.00	33.79 -1.41 0.00	33.94 -2.01 0.00	33.68 -2.23 0.00	37.57 -2.15 0.00	41.54 -2.51 0.00	42.23 -3.08 0.00	41.77 -3.10 0.00	38.68 -2.51 0.00	32.87 -2.40 0.00	32.05 -0.75 0.00	30.54 -0.82 0.00
MODERN_LFGE___ 323580	29.20 -1.67 0.00	26.51 -1.81 0.00	24.06 -1.59 0.00	23.40 -1.55 0.00	24.40 -1.61 0.00	26.64 -1.55 0.00	32.23 -1.95 0.00	35.39 -3.08 0.00	35.23 -3.02 0.00	33.42 -2.44 0.00	34.23 -2.22 0.00	33.11 -2.00 0.00	34.32 -1.65 0.00	33.79 -1.41 0.00	33.94 -2.01 0.00	33.68 -2.23 0.00	37.57 -2.15 0.00	41.54 -2.51 0.00	42.23 -3.08 0.00	41.77 -3.10 0.00	38.68 -2.51 0.00	32.87 -2.40 0.00	32.05 -0.75 0.00	30.54 -0.82 0.00
MOHAWK_PAPER___DRP 24187	31.64 0.77 0.00	29.06 0.74 0.00	26.37 0.72 0.00	25.62 0.67 0.00	26.72 0.70 0.00	28.98 0.79 0.00	35.03 0.85 0.00	39.43 0.96 0.00	39.06 0.80 0.00	36.54 0.68 0.00	37.15 0.69 0.00	35.74 0.63 0.00	36.45 0.58 0.09	35.59 0.49 0.11	36.25 0.58 0.28	36.55 0.65 0.00	40.51 0.79 0.00	45.20 1.15 0.00	46.62 1.31 0.00	46.12 1.26 0.00	42.19 0.99 0.00	36.08 0.81 0.00	33.39 0.59 0.00	32.01 0.66 0.00
MOHICAN___35_KV_115KV_LD 80490	32.85 1.98 0.00	30.13 1.81 0.00	27.35 1.69 0.00	26.60 1.65 0.00	27.71 1.69 0.00	30.14 1.95 0.00	36.47 2.29 0.00	40.93 2.46 0.00	40.66 2.41 0.00	38.12 2.26 0.00	38.75 2.30 0.00	37.32 2.21 0.00	38.00 2.12 0.10	36.99 1.90 0.11	37.65 1.98 0.28	38.06 2.15 0.00	42.18 2.46 0.00	47.22 3.17 0.00	48.75 3.44 0.00	48.19 3.32 0.00	44.04 2.84 0.00	37.59 2.33 0.00	34.77 1.97 0.00	33.23 1.88 0.00
MONGAUP___HYD 23641	32.26 1.39 0.00	29.48 1.16 0.00	26.60 0.95 0.00	25.87 0.92 0.00	27.00 0.99 0.00	29.29 1.10 0.00	35.58 1.40 0.00	40.05 1.58 0.00	39.71 1.45 0.00	37.08 1.22 0.00	37.62 1.17 0.00	36.16 1.05 0.00	37.09 1.04 -0.08	36.32 1.02 -0.09	37.38 1.18 -0.24	37.13 1.22 0.00	41.35 1.63 0.00	45.90 1.85 0.00	47.30 1.99 0.00	46.84 1.97 0.00	42.93 1.73 0.00	36.68 1.41 0.00	33.88 1.08 0.00	32.51 1.16 0.00
MONTAUK___DIESEL 23721	33.75 0.46 -2.42	26.47 0.37 2.22	28.40 0.59 -2.16	26.85 0.40 -1.50	28.06 0.44 -1.61	33.39 0.68 -4.52	37.40 1.09 -2.13	40.90 1.65 -0.77	40.01 1.76 0.00	39.46 1.61 -1.99	38.42 1.97 0.00	40.46 2.00 -3.35	38.39 1.94 -0.48	38.89 2.11 -1.58	38.29 2.05 -0.29	39.04 2.37 -0.76	44.03 3.02 -1.30	47.93 3.88 0.00	49.30 3.99 0.00	48.81 3.95 0.00	43.83 2.64 0.00	39.78 2.50 -2.01	35.15 1.48 -0.87	32.80 1.44 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.90 -1.98 0.00	26.14 -2.18 0.00	23.83 -1.82 0.00	23.23 -1.72 0.00	24.30 -1.72 0.00	26.64 -1.55 0.00	32.54 -1.64 0.00	36.43 -2.04 0.00	36.80 -1.45 0.00	34.93 -0.93 0.00	35.91 -0.55 0.00	34.79 -0.32 0.00	36.22 0.25 0.00	36.01 0.81 0.00	36.32 0.36 0.00	35.84 -0.07 0.00	40.15 0.44 0.00	44.23 0.18 0.00	45.22 -0.09 0.00	44.82 -0.04 0.00	41.24 0.04 0.00	34.91 -0.35 0.00	33.75 0.95 0.00	32.07 0.72 0.00

MORRIS_RIDGE___SOLAR 323848	29.33 -1.54 0.00	26.74 -1.59 0.00	24.29 -1.36 0.00	23.60 -1.35 0.00	24.66 -1.35 0.00	26.93 -1.27 0.00	32.78 -1.40 0.00	36.59 -1.88 0.00	36.46 -1.80 0.00	34.43 -1.44 0.00	35.25 -1.20 0.00	34.09 -1.02 0.00	35.25 -0.72 0.00	34.74 -0.46 0.00	35.13 -0.83 0.00	34.94 -0.97 0.00	39.04 -0.68 0.00	43.21 -0.84 0.00	44.09 -1.22 0.00	43.61 -1.26 0.00	40.21 -0.99 0.00	34.21 -1.06 0.00	32.80 0.00 0.00	31.26 -0.09 0.00
MORTIMER_115KV_TB3 55949	30.13 -0.74 0.00	27.36 -0.96 0.00	24.91 -0.74 0.00	24.20 -0.75 0.00	25.21 -0.81 0.00	27.49 -0.70 0.00	33.36 -0.82 0.00	37.05 -1.42 0.00	36.91 -1.34 0.00	34.97 -0.90 0.00	35.72 -0.73 0.00	34.47 -0.63 0.00	35.65 -0.32 0.00	35.10 -0.11 0.00	35.49 -0.47 0.00	35.30 -0.61 0.00	39.20 -0.52 0.00	43.43 -0.62 0.00	44.40 -0.91 0.00	43.83 -1.03 0.00	40.50 -0.70 0.00	34.38 -0.88 0.00	32.97 0.16 0.00	31.32 -0.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.62 1.76 0.01	29.77 1.44 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.29 1.27 0.00	29.58 1.38 0.00	35.95 1.78 0.01	40.56 2.12 0.03	38.73 1.99 1.51	36.35 1.79 1.31	34.86 1.82 3.42	30.11 1.72 6.72	32.08 1.76 5.65	30.77 1.69 6.12	34.43 1.76 3.28	32.11 1.80 5.59	36.23 2.11 5.59	46.55 2.51 0.01	47.88 2.58 0.01	47.42 2.56 0.01	43.37 2.18 0.01	36.05 1.87 1.08	34.27 1.48 0.01	32.88 1.54 0.01
MUNSVILLE_WIND_PWR 323609	32.88 2.01 0.00	30.08 1.76 0.00	27.19 1.54 0.00	26.47 1.52 0.00	27.58 1.56 0.00	30.08 1.89 0.00	36.88 2.70 0.00	41.43 2.96 0.00	41.01 2.76 0.00	38.77 2.90 0.00	39.22 2.77 0.00	37.84 2.74 0.00	38.67 2.70 0.00	38.02 2.82 0.00	38.80 2.84 0.00	38.57 2.66 0.00	42.90 3.18 0.00	47.62 3.57 0.00	49.39 4.08 0.00	48.72 3.86 0.00	44.66 3.46 0.00	38.19 2.93 0.00	35.65 2.85 0.00	33.80 2.45 0.00
N SALMON___HYD 24042	10.93 -1.24 18.71	10.13 -1.05 17.14	10.62 -0.92 14.11	11.21 -0.87 12.87	11.33 -0.88 13.80	11.52 -0.96 15.72	21.60 -1.02 11.55	23.58 -1.12 13.78	37.26 -0.99 0.00	34.81 -1.04 0.01	30.07 -1.06 5.32	21.60 -1.09 12.41	30.08 -1.15 4.74	30.25 -1.23 3.72	28.84 -1.22 5.89	31.77 -1.22 2.92	37.64 -1.35 0.73	20.07 -1.58 22.39	16.00 -1.77 27.55	16.71 -1.66 26.50	14.57 -1.61 25.02	12.30 -1.48 21.48	11.71 -1.41 19.68	11.01 -1.38 18.96
N.AKRON__115KV_KNAPP 355671	29.91 -0.96 0.00	27.05 -1.27 0.00	24.65 -1.00 0.00	23.98 -0.97 0.00	24.97 -1.04 0.00	27.26 -0.93 0.00	33.09 -1.09 0.00	36.55 -1.92 0.00	36.38 -1.87 0.00	34.50 -1.36 0.00	35.29 -1.17 0.00	34.12 -0.98 0.00	35.36 -0.61 0.00	34.92 -0.28 0.00	35.16 -0.79 0.00	34.87 -1.04 0.00	38.88 -0.83 0.00	42.99 -1.06 0.00	43.86 -1.45 0.00	43.30 -1.57 0.00	40.17 -1.03 0.00	34.00 -1.27 0.00	33.00 0.20 0.00	31.35 0.00 0.00
N.BELMOR_69_KV_BK1 55787	35.42 2.13 -2.42	30.58 1.81 -0.45	29.38 1.56 -2.16	27.95 1.50 -1.50	29.21 1.59 -1.61	34.46 1.75 -4.52	38.53 2.22 -2.13	41.82 2.58 -0.77	40.66 2.41 0.00	40.07 2.22 -1.99	38.71 2.26 0.00	40.67 2.21 -3.35	38.68 2.23 -0.48	38.96 2.18 -1.58	38.47 2.23 -0.29	38.97 2.30 -0.76	43.59 2.58 -1.30	47.18 3.13 0.00	48.48 3.17 0.00	48.05 3.19 0.00	43.67 2.47 0.00	39.67 2.40 -2.01	35.58 1.90 -0.87	33.27 1.91 0.00
N.E_GEN_SANDY PD 24062	31.83 0.96 0.00	29.20 0.88 0.00	26.50 0.85 0.00	25.80 0.85 0.00	26.90 0.89 0.00	29.18 0.99 0.00	35.20 1.02 0.00	39.70 1.23 0.00	39.21 0.96 0.00	36.65 0.79 0.00	37.22 0.77 0.00	35.77 0.67 0.00	35.92 0.65 0.70	35.00 0.60 0.80	34.60 0.68 2.04	36.63 0.72 0.00	40.71 0.99 0.00	45.33 1.28 0.00	46.80 1.49 0.00	46.21 1.34 0.00	42.31 1.11 0.00	36.18 0.92 0.00	33.49 0.69 0.00	32.20 0.85 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.38 1.51 0.00	29.60 1.27 0.00	26.66 1.00 0.00	25.87 0.92 0.00	27.03 1.01 0.00	29.32 1.13 0.00	35.61 1.44 0.00	40.16 1.69 0.00	39.82 1.57 0.00	37.30 1.43 0.00	37.91 1.46 0.00	36.51 1.40 0.00	37.46 1.40 -0.09	36.65 1.34 -0.10	37.66 1.44 -0.27	37.34 1.44 0.00	41.42 1.71 0.00	46.12 2.07 0.00	47.44 2.13 0.00	46.93 2.06 0.00	42.93 1.73 0.00	36.78 1.52 0.00	33.92 1.12 0.00	32.54 1.19 0.00
N.QUEENS_27_KV_LOAD 356247	32.89 2.01 -0.01	29.99 1.67 0.00	27.12 1.46 0.00	26.35 1.40 0.00	27.52 1.51 0.00	29.74 1.55 0.00	35.93 1.74 -0.01	40.46 1.96 -0.03	41.79 1.87 -1.66	38.94 1.65 -1.43	41.92 1.71 -3.75	44.12 1.65 -7.37	44.03 1.65 -6.40	43.77 1.62 -6.95	41.85 1.69 -4.21	43.76 1.72 -6.13	47.83 1.99 -6.13	46.45 2.38 -0.02	47.99 2.67 -0.01	47.34 2.47 -0.01	43.18 1.98 -0.01	38.22 1.76 -0.01	34.35 1.54 -0.01	33.05 1.69 -0.01
N.TROY___115KV_TB1 355778	31.89 1.02 0.00	29.31 0.99 0.00	26.60 0.95 0.00	25.87 0.92 0.00	26.98 0.96 0.00	29.27 1.07 0.00	35.34 1.16 0.00	39.78 1.31 0.00	39.36 1.11 0.00	36.83 0.97 0.00	37.40 0.95 0.00	35.98 0.88 0.00	36.67 0.83 0.12	35.80 0.74 0.14	36.38 0.79 0.36	36.81 0.90 0.00	40.83 1.11 0.00	45.55 1.50 0.00	47.03 1.72 0.00	46.48 1.62 0.00	42.52 1.32 0.00	36.36 1.09 0.00	33.69 0.89 0.00	32.29 0.94 0.00
NARROWS_GT1_1 24228	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT1_2 24229	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT1_3 24230	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT1_4 24231	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02

NARROWS_GT1_5 24232	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT1_6 24233	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT1_7 24234	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT1_8 24235	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT2_1 24236	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT2_2 24237	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT2_3 24238	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT2_4 24239	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT2_5 24240	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT2_6 24241	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT2_7 24242	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NARROWS_GT2_8 24243	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.80 0.93 0.00	29.20 0.88 0.00	26.53 0.87 0.00	25.82 0.87 0.00	26.90 0.88 0.00	29.21 1.01 0.00	35.34 1.16 0.00	39.66 1.19 0.00	39.29 1.03 0.00	36.65 0.79 0.00	37.15 0.69 0.00	35.67 0.56 0.00	36.61 0.68 0.04	35.72 0.56 0.04	36.56 0.72 0.11	36.55 0.65 0.00	40.67 0.95 0.00	45.42 1.37 0.00	46.94 1.63 0.00	46.48 1.62 0.00	42.52 1.32 0.00	36.29 1.02 0.00	33.59 0.79 0.00	32.20 0.85 0.00
NCHELSEA_115KV_TR2 355582	32.45 1.57 0.00	29.68 1.36 0.00	26.81 1.15 0.00	26.05 1.10 0.00	27.19 1.17 0.00	29.52 1.33 0.00	35.82 1.64 0.00	40.35 1.88 0.00	40.01 1.76 0.00	37.44 1.58 0.00	38.06 1.60 0.00	36.65 1.54 0.00	37.56 1.51 -0.08	36.74 1.44 -0.09	37.77 1.58 -0.23	37.49 1.58 0.00	41.58 1.87 0.00	46.25 2.20 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.13 1.94 0.00	36.92 1.66 0.00	34.05 1.25 0.00	32.70 1.35 0.00
NEG CAPITAL___MECHNVIL 23645	32.38 1.51 0.00	29.71 1.39 0.00	26.96 1.31 0.00	26.22 1.27 0.00	27.34 1.33 0.00	29.69 1.49 0.00	35.89 1.71 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.48 1.62 0.00	38.06 1.60 0.00	36.65 1.54 0.00	37.34 1.48 0.11	36.42 1.34 0.12	37.08 1.44 0.31	37.45 1.54 0.00	41.58 1.87 0.00	46.38 2.33 0.00	47.89 2.58 0.00	47.33 2.47 0.00	43.30 2.10 0.00	36.99 1.73 0.00	34.24 1.44 0.00	32.80 1.44 0.00

NEG CENTRAL_HIGH_ACRES 23767	29.79 -1.08 0.00	27.13 -1.19 0.00	24.63 -1.03 0.00	23.95 -1.00 0.00	24.95 -1.07 0.00	27.18 -1.01 0.00	33.05 -1.13 0.00	36.78 -1.69 0.00	36.65 -1.61 0.00	34.68 -1.18 0.00	35.43 -1.02 0.00	34.19 -0.91 0.00	35.32 -0.65 0.00	34.68 -0.53 0.00	35.13 -0.83 0.00	35.01 -0.90 0.00	38.84 -0.87 0.00	43.04 -1.01 0.00	43.99 -1.32 0.00	43.43 -1.44 0.00	40.04 -1.15 0.00	34.10 -1.16 0.00	32.54 -0.26 0.00	30.88 -0.47 0.00
NEG CENTRAL___DRP 24199	30.78 -0.09 0.00	28.09 -0.23 0.00	25.50 -0.15 0.00	24.80 -0.15 0.00	25.88 -0.13 0.00	28.19 0.00 0.00	34.35 0.17 0.00	38.55 0.08 0.00	38.25 0.00 0.00	36.04 0.18 0.00	36.71 0.26 0.00	35.42 0.32 0.00	36.44 0.47 0.00	35.73 0.53 0.00	36.42 0.47 0.00	36.30 0.39 0.00	40.23 0.52 0.00	44.62 0.57 0.00	45.76 0.45 0.00	45.22 0.36 0.00	41.53 0.33 0.00	35.55 0.28 0.00	33.46 0.66 0.00	31.79 0.44 0.00
NEG CENTRAL___INDECK 23768	30.66 -0.21 0.00	27.84 -0.48 0.00	25.32 -0.33 0.00	24.60 -0.35 0.00	25.63 -0.39 0.00	28.00 -0.20 0.00	34.21 0.03 0.00	38.24 -0.23 0.00	37.95 -0.31 0.00	35.72 -0.14 0.00	36.34 -0.11 0.00	35.03 -0.07 0.00	36.22 0.25 0.00	35.70 0.49 0.00	36.21 0.25 0.00	36.12 0.22 0.00	40.35 0.63 0.00	44.93 0.88 0.00	46.13 0.82 0.00	45.63 0.76 0.00	41.98 0.78 0.00	35.69 0.42 0.00	34.15 1.35 0.00	32.33 0.97 0.00
NEG CENTRAL___SENECA 23627	30.59 -0.28 0.00	27.90 -0.42 0.00	25.37 -0.28 0.00	24.68 -0.27 0.00	25.75 -0.26 0.00	28.08 -0.11 0.00	34.28 0.10 0.00	38.35 -0.12 0.00	38.06 -0.19 0.00	35.93 0.07 0.00	36.67 0.22 0.00	35.35 0.25 0.00	36.47 0.50 0.00	35.80 0.60 0.00	36.42 0.47 0.00	36.27 0.36 0.00	40.23 0.52 0.00	44.58 0.53 0.00	45.72 0.41 0.00	45.13 0.27 0.00	41.49 0.29 0.00	35.51 0.25 0.00	33.59 0.79 0.00	31.85 0.50 0.00
NEG CENTRAL___STATE_STREET 24147	31.09 0.22 0.00	28.43 0.11 0.00	25.78 0.13 0.00	25.08 0.12 0.00	26.15 0.13 0.00	28.42 0.23 0.00	34.59 0.41 0.00	38.89 0.42 0.00	38.64 0.38 0.00	36.29 0.43 0.00	36.96 0.51 0.00	35.63 0.53 0.00	36.58 0.61 0.00	35.84 0.63 0.00	36.53 0.58 0.00	36.45 0.54 0.00	40.43 0.71 0.00	44.80 0.75 0.00	45.99 0.68 0.00	45.49 0.63 0.00	41.77 0.58 0.00	35.72 0.46 0.00	33.49 0.69 0.00	31.82 0.47 0.00
NEG MILLWOOD___DRP 24198	32.60 1.73 0.00	29.79 1.47 0.00	26.91 1.26 0.00	26.17 1.22 0.00	27.32 1.30 0.00	29.66 1.47 0.00	35.99 1.81 0.00	40.62 2.15 0.00	40.32 2.07 0.00	37.66 1.79 0.00	38.31 1.86 0.00	36.90 1.79 0.00	37.85 1.80 -0.09	36.99 1.69 -0.10	38.04 1.83 -0.25	37.74 1.83 0.00	41.86 2.14 0.00	46.61 2.55 0.00	48.07 2.76 0.00	47.47 2.60 0.00	43.46 2.27 0.00	37.17 1.90 0.00	34.24 1.44 0.00	32.86 1.50 0.00
NEG NORTH_FLCN_SEA 23793	8.69 -2.16 20.02	8.17 -1.81 18.34	8.99 -1.56 15.10	9.71 -1.47 13.77	9.76 -1.48 14.77	9.77 -1.61 16.82	20.01 -1.81 12.36	21.69 -2.04 14.74	36.38 -1.87 0.00	33.99 -1.86 0.01	28.86 -1.90 5.69	19.93 -1.90 13.28	29.00 -1.91 5.07	29.11 -2.11 3.98	27.64 -2.01 6.30	30.78 -2.01 3.12	36.75 -2.18 0.78	17.67 -2.42 23.96	13.12 -2.72 29.47	13.91 -2.60 28.35	11.83 -2.60 26.77	9.95 -2.33 22.99	9.58 -2.16 21.06	8.81 -2.26 20.29
NEG NORTH_KES_CHATEGAY 23792	8.97 -1.88 20.02	8.42 -1.56 18.34	9.22 -1.33 15.10	9.94 -1.25 13.77	9.97 -1.27 14.77	10.02 -1.35 16.82	20.35 -1.47 12.36	22.11 -1.62 14.74	36.76 -1.49 0.00	34.31 -1.54 0.01	29.19 -1.57 5.69	20.24 -1.58 13.28	29.28 -1.62 5.07	29.43 -1.80 3.98	27.93 -1.73 6.30	31.06 -1.72 3.12	37.19 -1.75 0.78	18.24 -1.85 23.96	13.66 -2.17 29.47	14.50 -2.02 28.35	12.33 -2.10 26.77	10.30 -1.97 22.99	9.91 -1.84 21.06	9.12 -1.94 20.29
NEG NORTH___ALICE_FALLS 23915	8.97 -1.88 20.02	8.39 -1.59 18.34	9.20 -1.36 15.10	9.91 -1.27 13.77	9.97 -1.27 14.77	10.02 -1.35 16.82	20.35 -1.47 12.36	22.07 -1.65 14.74	36.72 -1.53 0.00	34.28 -1.58 0.01	29.16 -1.60 5.69	20.21 -1.61 13.28	29.28 -1.62 5.07	29.43 -1.80 3.98	27.93 -1.73 6.30	31.06 -1.72 3.12	37.19 -1.75 0.78	18.20 -1.89 23.96	13.62 -2.22 29.47	14.45 -2.06 28.35	12.29 -2.14 26.77	10.27 -2.01 22.99	9.87 -1.87 21.06	9.09 -1.98 20.29
NEG NORTH___LWR_SARANAC 23913	8.97 -1.88 20.02	8.39 -1.59 18.34	9.20 -1.36 15.10	9.91 -1.27 13.77	9.97 -1.27 14.77	10.02 -1.35 16.82	20.35 -1.47 12.36	22.07 -1.65 14.74	36.72 -1.53 0.00	34.28 -1.58 0.01	29.16 -1.60 5.69	20.21 -1.61 13.28	29.28 -1.62 5.07	29.43 -1.80 3.98	27.93 -1.73 6.30	31.06 -1.72 3.12	37.19 -1.75 0.78	18.20 -1.89 23.96	13.62 -2.22 29.47	14.45 -2.06 28.35	12.29 -2.14 26.77	10.27 -2.01 22.99	9.87 -1.87 21.06	9.09 -1.98 20.29
NEG NORTH___PLATTSBURG 23628	8.97 -1.88 20.02	8.39 -1.59 18.34	9.20 -1.36 15.10	9.91 -1.27 13.77	9.97 -1.27 14.77	10.02 -1.35 16.82	20.35 -1.47 12.36	22.08 -1.65 14.74	36.72 -1.53 0.00	34.28 -1.58 0.01	29.16 -1.60 5.69	20.21 -1.61 13.28	29.29 -1.62 5.07	29.43 -1.79 3.98	27.93 -1.73 6.30	31.06 -1.72 3.12	37.15 -1.79 0.78	18.20 -1.89 23.96	13.66 -2.17 29.47	14.45 -2.06 28.35	12.28 -2.14 26.77	10.27 -2.01 22.99	9.87 -1.87 21.06	9.09 -1.97 20.29
NEG WEST_LEA_LOCKPORT 23791	29.42 -1.45 0.00	26.62 -1.70 0.00	24.27 -1.39 0.00	23.58 -1.37 0.00	24.61 -1.40 0.00	26.87 -1.33 0.00	32.50 -1.67 0.00	35.78 -2.69 0.00	35.61 -2.64 0.00	33.75 -2.12 0.00	34.56 -1.90 0.00	33.42 -1.69 0.00	34.64 -1.33 0.00	34.22 -0.99 0.00	34.41 -1.55 0.00	34.04 -1.87 0.00	38.05 -1.67 0.00	42.03 -2.03 0.00	42.77 -2.54 0.00	42.22 -2.65 0.00	39.26 -1.94 0.00	33.22 -2.05 0.00	32.38 -0.43 0.00	30.82 -0.53 0.00
NEG WEST___LANCASTER 23811	29.64 -1.23 0.00	26.85 -1.47 0.00	24.47 -1.18 0.00	23.80 -1.15 0.00	24.84 -1.17 0.00	27.21 -0.99 0.00	33.02 -1.16 0.00	36.58 -1.88 0.00	36.42 -1.84 0.00	34.43 -1.43 0.00	35.29 -1.17 0.00	34.12 -0.98 0.00	35.36 -0.61 0.00	34.96 -0.25 0.00	35.24 -0.72 0.00	34.83 -1.08 0.00	38.96 -0.75 0.00	43.04 -1.01 0.00	43.86 -1.45 0.00	43.38 -1.48 0.00	40.08 -1.11 0.00	33.96 -1.30 0.00	32.74 -0.07 0.00	31.16 -0.19 0.00
NEG_PENN_ALLEGHNY 23528	30.96 0.09 0.00	28.35 0.03 0.00	25.73 0.08 0.00	25.00 0.05 0.00	26.09 0.08 0.00	28.36 0.17 0.00	34.52 0.34 0.00	38.81 0.35 0.00	38.52 0.27 0.00	36.15 0.29 0.00	36.82 0.36 0.00	35.53 0.42 0.00	36.51 0.54 0.00	35.76 0.56 0.00	36.46 0.50 0.00	36.34 0.43 0.00	40.43 0.72 0.00	44.80 0.75 0.00	45.94 0.63 0.00	45.45 0.58 0.00	41.73 0.53 0.00	35.69 0.42 0.00	33.42 0.62 0.00	31.85 0.50 0.00
NEG___GEN_MONROE 24207	30.16 -0.71 0.00	27.36 -0.96 0.00	24.91 -0.74 0.00	24.20 -0.75 0.00	25.18 -0.83 0.00	27.46 -0.73 0.00	33.29 -0.89 0.00	36.89 -1.58 0.00	36.76 -1.49 0.00	34.82 -1.04 0.00	35.61 -0.84 0.00	34.33 -0.77 0.00	35.50 -0.47 0.00	34.99 -0.21 0.00	35.31 -0.65 0.00	35.15 -0.75 0.00	39.08 -0.64 0.00	43.26 -0.79 0.00	44.27 -1.04 0.00	43.74 -1.12 0.00	40.41 -0.78 0.00	34.28 -0.99 0.00	33.00 0.20 0.00	31.42 0.06 0.00

NEPA__ENERGY 23901	29.58 -1.30 0.00	26.85 -1.47 0.00	24.47 -1.18 0.00	23.78 -1.17 0.00	24.82 -1.20 0.00	27.18 -1.01 0.00	33.02 -1.16 0.00	36.62 -1.85 0.00	36.49 -1.76 0.00	34.54 -1.33 0.00	35.40 -1.06 0.00	34.26 -0.84 0.00	35.47 -0.50 0.00	35.10 -0.11 0.00	35.38 -0.58 0.00	35.01 -0.90 0.00	39.16 -0.56 0.00	43.26 -0.79 0.00	44.09 -1.22 0.00	43.61 -1.26 0.00	40.29 -0.91 0.00	34.14 -1.13 0.00	32.87 0.07 0.00	31.29 -0.06 0.00
NEVERSink__HYD 23608	32.45 1.57 0.00	29.65 1.33 0.00	26.78 1.13 0.00	26.02 1.07 0.00	27.16 1.14 0.00	29.46 1.27 0.00	35.79 1.61 0.00	40.32 1.85 0.00	39.98 1.72 0.00	37.44 1.58 0.00	37.98 1.53 0.00	36.54 1.44 0.00	37.50 1.48 -0.06	36.68 1.41 -0.07	37.71 1.58 -0.17	37.45 1.54 0.00	41.66 1.95 0.00	46.21 2.16 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.17 1.98 0.00	36.92 1.66 0.00	34.11 1.31 0.00	32.73 1.38 0.00
NEWKRMKL_115KV_TB1 55635	31.27 0.40 0.00	28.75 0.42 0.00	26.07 0.41 0.00	25.35 0.40 0.00	26.43 0.42 0.00	28.62 0.42 0.00	34.62 0.44 0.00	38.97 0.50 0.00	38.64 0.38 0.00	36.15 0.29 0.00	36.74 0.29 0.00	35.35 0.25 0.00	36.10 0.22 0.08	35.21 0.11 0.10	35.89 0.18 0.25	36.16 0.25 0.00	40.07 0.36 0.00	44.67 0.62 0.00	46.08 0.77 0.00	45.54 0.67 0.00	41.69 0.49 0.00	35.65 0.39 0.00	33.00 0.20 0.00	31.64 0.28 0.00
NEWTON__FALLS_HYD 23847	20.03 -0.12 10.71	18.39 -0.11 9.82	17.47 -0.10 8.08	17.48 -0.10 7.37	18.01 -0.10 7.90	19.14 -0.06 9.00	27.70 0.14 6.62	30.77 0.19 7.89	38.41 0.15 0.00	36.04 0.18 0.00	33.44 0.04 3.05	28.00 0.00 7.11	33.15 -0.11 2.71	33.00 -0.07 2.13	32.51 -0.07 3.37	34.09 -0.14 1.67	39.06 -0.24 0.42	30.70 -0.53 12.82	29.08 -0.45 15.77	29.29 -0.40 15.17	26.50 -0.37 14.33	22.72 -0.25 12.30	21.33 -0.20 11.27	20.34 -0.16 10.86
NGRID_A1_DSASP 323792	28.99 -1.88 0.00	26.34 -1.98 0.00	23.91 -1.75 0.00	23.25 -1.70 0.00	24.25 -1.77 0.00	26.45 -1.75 0.00	31.96 -2.22 0.00	35.05 -3.42 0.00	34.85 -3.40 0.00	33.03 -2.83 0.00	33.87 -2.59 0.00	32.75 -2.35 0.00	33.92 -2.05 0.00	33.41 -1.79 0.00	33.55 -2.41 0.00	33.25 -2.66 0.00	37.09 -2.62 0.00	41.05 -3.00 0.00	41.68 -3.63 0.00	41.23 -3.63 0.00	38.23 -2.97 0.00	32.51 -2.75 0.00	31.72 -1.08 0.00	30.25 -1.10 0.00
NGRID_A2_DSASP 323793	28.99 -1.88 0.00	26.34 -1.98 0.00	23.91 -1.75 0.00	23.25 -1.70 0.00	24.25 -1.77 0.00	26.45 -1.75 0.00	31.96 -2.22 0.00	35.05 -3.42 0.00	34.85 -3.40 0.00	33.03 -2.83 0.00	33.87 -2.59 0.00	32.75 -2.35 0.00	33.92 -2.05 0.00	33.41 -1.79 0.00	33.55 -2.41 0.00	33.25 -2.66 0.00	37.09 -2.62 0.00	41.05 -3.00 0.00	41.68 -3.63 0.00	41.23 -3.63 0.00	38.23 -2.97 0.00	32.51 -2.75 0.00	31.72 -1.08 0.00	30.25 -1.10 0.00
NGRID_A4_DSASP 323807	28.99 -1.88 0.00	26.34 -1.98 0.00	23.91 -1.75 0.00	23.25 -1.70 0.00	24.25 -1.77 0.00	26.45 -1.75 0.00	31.96 -2.22 0.00	35.05 -3.42 0.00	34.85 -3.40 0.00	33.03 -2.83 0.00	33.87 -2.59 0.00	32.75 -2.35 0.00	33.92 -2.05 0.00	33.41 -1.79 0.00	33.55 -2.41 0.00	33.25 -2.66 0.00	37.09 -2.62 0.00	41.05 -3.00 0.00	41.68 -3.63 0.00	41.23 -3.63 0.00	38.23 -2.97 0.00	32.51 -2.75 0.00	31.72 -1.08 0.00	30.25 -1.10 0.00
NIAGARA_115E_LBMP 323715	29.05 -1.82 0.00	26.39 -1.93 0.00	23.96 -1.69 0.00	23.28 -1.67 0.00	24.30 -1.72 0.00	26.50 -1.69 0.00	32.06 -2.12 0.00	35.16 -3.31 0.00	35.00 -3.25 0.00	33.17 -2.69 0.00	34.01 -2.44 0.00	32.89 -2.21 0.00	34.06 -1.91 0.00	33.55 -1.65 0.00	33.73 -2.23 0.00	33.43 -2.48 0.00	37.34 -2.38 0.00	41.28 -2.77 0.00	41.91 -3.40 0.00	41.45 -3.41 0.00	38.44 -2.76 0.00	32.66 -2.61 0.00	31.85 -0.95 0.00	30.35 -1.00 0.00
NIAGARA_115W_LBMP 323714	28.93 -1.94 0.00	26.28 -2.04 0.00	23.86 -1.80 0.00	23.20 -1.75 0.00	24.19 -1.82 0.00	26.39 -1.80 0.00	31.89 -2.29 0.00	34.97 -3.50 0.00	34.77 -3.48 0.00	32.96 -2.90 0.00	33.79 -2.66 0.00	32.68 -2.42 0.00	33.85 -2.12 0.00	33.30 -1.90 0.00	33.48 -2.48 0.00	33.18 -2.73 0.00	37.01 -2.70 0.00	40.97 -3.08 0.00	41.60 -3.71 0.00	41.14 -3.72 0.00	38.15 -3.05 0.00	32.44 -2.82 0.00	31.65 -1.15 0.00	30.19 -1.16 0.00
NIAGARA_230_LBMP 323716	29.20 -1.67 0.00	26.54 -1.78 0.00	24.09 -1.57 0.00	23.40 -1.55 0.00	24.40 -1.61 0.00	26.64 -1.55 0.00	32.23 -1.95 0.00	35.32 -3.15 0.00	35.16 -3.10 0.00	33.32 -2.55 0.00	34.12 -2.33 0.00	33.00 -2.11 0.00	34.17 -1.80 0.00	33.62 -1.58 0.00	33.80 -2.16 0.00	33.57 -2.33 0.00	37.41 -2.30 0.00	41.41 -2.64 0.00	42.05 -3.26 0.00	41.59 -3.27 0.00	38.56 -2.64 0.00	32.76 -2.50 0.00	31.92 -0.88 0.00	30.44 -0.91 0.00
NIAGARA__115KV_198_GIBSON 55903	28.93 -1.94 0.00	26.20 -2.12 0.00	23.86 -1.80 0.00	23.20 -1.75 0.00	24.19 -1.82 0.00	26.42 -1.78 0.00	31.89 -2.29 0.00	34.97 -3.50 0.00	34.77 -3.48 0.00	32.99 -2.87 0.00	33.79 -2.66 0.00	32.68 -2.42 0.00	33.85 -2.12 0.00	33.37 -1.83 0.00	33.55 -2.41 0.00	33.18 -2.73 0.00	37.10 -2.62 0.00	40.97 -3.08 0.00	41.68 -3.62 0.00	41.14 -3.72 0.00	38.27 -2.93 0.00	32.41 -2.86 0.00	31.65 -1.15 0.00	30.16 -1.19 0.00
NIAGARA____ 23760	29.20 -1.67 0.00	26.54 -1.78 0.00	24.09 -1.57 0.00	23.40 -1.55 0.00	24.40 -1.61 0.00	26.64 -1.55 0.00	32.23 -1.95 0.00	35.32 -3.15 0.00	35.16 -3.10 0.00	33.32 -2.55 0.00	34.12 -2.33 0.00	33.00 -2.11 0.00	34.17 -1.80 0.00	33.62 -1.58 0.00	33.80 -2.16 0.00	33.57 -2.33 0.00	37.41 -2.30 0.00	41.41 -2.64 0.00	42.05 -3.26 0.00	41.59 -3.27 0.00	38.56 -2.64 0.00	32.76 -2.50 0.00	31.92 -0.88 0.00	30.44 -0.91 0.00
NINE_MILE_1 23575	30.50 -0.37 0.00	27.95 -0.37 0.00	25.32 -0.33 0.00	24.65 -0.30 0.00	25.68 -0.34 0.00	27.88 -0.31 0.00	33.84 -0.34 0.00	38.05 -0.42 0.00	37.87 -0.38 0.00	35.54 -0.32 0.00	36.12 -0.33 0.00	34.82 -0.28 0.00	35.72 -0.25 0.00	34.99 -0.21 0.00	35.67 -0.29 0.00	35.62 -0.29 0.00	39.44 -0.28 0.00	43.70 -0.35 0.00	44.95 -0.36 0.00	44.46 -0.40 0.00	40.83 -0.37 0.00	34.95 -0.32 0.00	32.64 -0.16 0.00	31.14 -0.22 0.00
NINE_MILE_2 23744	30.50 -0.37 0.00	27.95 -0.37 0.00	25.35 -0.31 0.00	24.65 -0.30 0.00	25.70 -0.31 0.00	27.88 -0.31 0.00	33.84 -0.34 0.00	38.05 -0.42 0.00	37.87 -0.38 0.00	35.54 -0.32 0.00	36.16 -0.29 0.00	34.82 -0.28 0.00	35.72 -0.25 0.00	34.99 -0.21 0.00	35.71 -0.25 0.00	35.62 -0.29 0.00	39.44 -0.28 0.00	43.75 -0.31 0.00	44.95 -0.36 0.00	44.46 -0.40 0.00	40.83 -0.37 0.00	34.95 -0.32 0.00	32.64 -0.16 0.00	31.14 -0.22 0.00
NM_CAPITAL__DRP 24208	31.33 0.46 0.00	28.80 0.48 0.00	26.12 0.46 0.00	25.40 0.45 0.00	26.48 0.47 0.00	28.70 0.51 0.00	34.69 0.51 0.00	39.08 0.62 0.00	38.67 0.42 0.00	36.22 0.36 0.00	36.78 0.33 0.00	35.39 0.28 0.00	36.13 0.25 0.09	35.28 0.18 0.10	35.95 0.25 0.26	36.23 0.32 0.00	40.15 0.44 0.00	44.76 0.70 0.00	46.17 0.86 0.00	45.63 0.76 0.00	41.77 0.58 0.00	35.72 0.46 0.00	33.06 0.26 0.00	31.70 0.34 0.00

NM_CENTRAL___DRP 24181	31.06 0.19 0.00	28.43 0.11 0.00	25.76 0.10 0.00	25.05 0.10 0.00	26.15 0.13 0.00	28.36 0.17 0.00	34.49 0.31 0.00	38.85 0.38 0.00	38.60 0.34 0.00	36.22 0.36 0.00	36.89 0.44 0.00	35.53 0.42 0.00	36.47 0.50 0.00	35.70 0.49 0.00	36.42 0.47 0.00	36.34 0.43 0.00	40.19 0.48 0.00	44.58 0.53 0.00	45.81 0.50 0.00	45.31 0.45 0.00	41.57 0.37 0.00	35.62 0.35 0.00	33.29 0.49 0.00	31.70 0.34 0.00
NM_FRONTIER___DRP 24179	28.93 -1.94 0.00	26.20 -2.12 0.00	23.86 -1.80 0.00	23.20 -1.75 0.00	24.19 -1.82 0.00	26.42 -1.78 0.00	31.89 -2.29 0.00	34.97 -3.50 0.00	34.77 -3.48 0.00	32.99 -2.87 0.00	33.79 -2.66 0.00	32.68 -2.42 0.00	33.85 -2.12 0.00	33.37 -1.83 0.00	33.55 -2.41 0.00	33.18 -2.73 0.00	37.10 -2.62 0.00	40.97 -3.08 0.00	41.68 -3.62 0.00	41.14 -3.72 0.00	38.27 -2.93 0.00	32.41 -2.86 0.00	31.65 -1.15 0.00	30.16 -1.19 0.00
NM_ST_REGIS___HYD 24053	13.35 -0.90 16.62	12.32 -0.76 15.23	12.42 -0.69 12.54	12.87 -0.65 11.43	13.05 -0.70 12.26	13.49 -0.73 13.97	23.16 -0.75 10.27	25.42 -0.81 12.24	37.49 -0.77 0.00	35.10 -0.75 0.01	30.89 -0.84 4.73	23.23 -0.84 11.03	30.83 -0.94 4.21	30.98 -0.92 3.31	29.75 -0.97 5.24	32.35 -0.97 2.59	37.84 -1.23 0.65	22.39 -1.76 19.90	18.89 -1.95 24.48	19.53 -1.79 23.54	17.28 -1.69 22.23	14.76 -1.41 19.09	14.07 -1.25 17.49	13.41 -1.10 16.85
NORTHPORT___1 23551	33.57 1.60 -1.10	30.06 1.30 -0.44	28.32 1.16 -1.51	27.52 1.07 -1.49	28.78 1.17 -1.60	33.97 1.27 -4.51	37.98 1.67 -2.12	41.31 2.08 -0.76	40.20 1.95 0.01	38.68 1.72 -1.10	36.44 1.86 1.87	35.87 1.75 0.99	35.87 1.76 1.86	35.87 1.72 1.06	36.22 1.83 1.57	37.07 1.87 0.70	40.17 2.18 1.73	45.04 2.55 1.57	47.90 2.63 0.04	44.85 2.56 2.57	41.91 2.31 1.59	36.12 1.94 1.08	34.75 1.35 -0.60	32.72 1.38 0.01
NORTHPORT___2 23552	34.43 1.60 -1.95	30.06 1.30 -0.44	28.74 1.16 -1.93	27.52 1.07 -1.49	28.78 1.17 -1.60	33.97 1.27 -4.51	37.98 1.67 -2.12	41.31 2.08 -0.76	40.20 1.95 0.01	39.25 1.72 -1.67	37.65 1.86 0.66	38.68 1.75 -1.82	37.38 1.76 0.35	37.57 1.72 -0.65	37.42 1.83 0.37	38.01 1.87 -0.24	42.13 2.18 -0.23	46.05 2.55 0.56	47.92 2.63 0.02	46.51 2.56 0.91	42.94 2.31 0.57	38.12 1.94 -0.92	34.92 1.35 -0.77	32.72 1.38 0.01
NORTHPORT___3 23553	35.42 2.13 -2.42	30.75 1.98 -0.45	29.38 1.57 -2.16	28.00 1.55 -1.50	29.31 1.69 -1.61	34.46 1.75 -4.52	38.60 2.29 -2.13	41.93 2.69 -0.77	40.78 2.52 0.00	40.11 2.26 -1.99	38.79 2.34 0.00	40.70 2.25 -3.35	38.72 2.27 -0.48	39.00 2.22 -1.58	38.58 2.34 -0.29	39.00 2.33 -0.76	43.79 2.78 -1.30	47.27 3.21 0.00	48.57 3.26 0.00	48.05 3.19 0.00	44.04 2.84 0.00	39.68 2.40 -2.01	35.54 1.87 -0.87	33.27 1.91 0.00
NORTHPORT___4 23650	35.42 2.13 -2.42	30.75 1.98 -0.45	29.38 1.57 -2.16	28.00 1.55 -1.50	29.31 1.69 -1.61	34.46 1.75 -4.52	38.60 2.29 -2.13	41.93 2.69 -0.77	40.78 2.52 0.00	40.11 2.26 -1.99	38.79 2.34 0.00	40.70 2.25 -3.35	38.72 2.27 -0.48	39.00 2.22 -1.58	38.58 2.34 -0.29	39.00 2.33 -0.76	43.79 2.78 -1.30	47.27 3.21 0.00	48.57 3.26 0.00	48.05 3.19 0.00	44.04 2.84 0.00	39.68 2.40 -2.01	35.54 1.87 -0.87	33.27 1.91 0.00
NORTHPORT___IC 23718	33.58 1.61 -1.11	30.07 1.30 -0.45	28.33 1.15 -1.52	27.53 1.07 -1.50	28.79 1.17 -1.61	33.98 1.27 -4.52	38.02 1.71 -2.13	41.32 2.08 -0.77	40.17 1.91 0.00	38.66 1.69 -1.11	36.34 1.75 1.86	35.84 1.72 0.98	35.81 1.69 1.85	35.84 1.69 1.05	36.08 1.69 1.56	37.04 1.83 0.70	40.10 2.11 1.73	45.09 2.60 1.56	47.95 2.67 0.03	44.99 2.69 2.57	41.59 1.98 1.59	36.09 1.90 1.07	34.79 1.38 -0.61	32.73 1.38 0.00
NORTH___COUNTRY_ESR 323785	9.46 -1.82 19.59	8.81 -1.56 17.95	9.52 -1.36 14.78	10.21 -1.27 13.47	10.26 -1.30 14.45	10.30 -1.44 16.46	20.41 -1.67 12.10	22.20 -1.85 14.42	36.53 -1.72 0.00	34.17 -1.68 0.01	29.17 -1.71 5.57	20.39 -1.72 13.00	29.25 -1.76 4.96	29.44 -1.87 3.89	27.95 -1.83 6.17	31.06 -1.79 3.05	36.89 -2.07 0.76	18.31 -2.29 23.45	13.93 -2.54 28.84	14.70 -2.42 27.74	12.70 -2.31 26.20	10.69 -2.08 22.50	10.23 -1.97 20.61	9.56 -1.94 19.85
NPX_GEN_1385_PROXY 323591	32.71 0.74 -1.10	29.81 1.05 -0.44	27.60 0.44 -1.51	26.97 0.52 -1.49	28.34 0.73 -1.60	33.18 0.48 -4.51	37.19 0.89 -2.12	40.92 1.69 -0.76	39.31 1.07 0.01	37.68 0.72 -1.10	35.67 1.09 1.87	34.99 0.88 0.99	34.86 0.76 1.86	34.99 0.84 1.06	35.57 1.18 1.57	36.49 1.29 0.70	39.53 1.55 1.73	44.60 2.11 1.57	47.40 2.13 0.04	44.40 2.11 2.57	41.50 1.90 1.59	35.31 1.13 1.08	33.80 0.40 -0.60	31.82 0.47 0.01
NPX_GEN_CSC 323557	33.97 0.68 -2.42	27.11 0.48 1.70	28.38 0.56 -2.16	26.83 0.37 -1.50	28.04 0.41 -1.61	33.27 0.56 -4.52	37.20 0.89 -2.13	40.62 1.38 -0.77	39.51 1.26 0.00	38.85 1.00 -1.99	37.73 1.28 0.00	39.61 1.16 -3.35	37.60 1.15 -0.48	37.98 1.20 -1.58	37.58 1.33 -0.29	38.14 1.47 -0.76	42.76 1.75 -1.30	46.30 2.25 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.13 1.94 0.00	38.83 1.55 -2.01	34.30 0.62 -0.87	32.14 0.78 0.00
NSINS_S___GLNS_FALLS 23858	32.85 1.98 0.00	30.16 1.84 0.00	27.35 1.69 0.00	26.60 1.65 0.00	27.71 1.69 0.00	30.14 1.95 0.00	36.47 2.29 0.00	40.93 2.46 0.00	40.70 2.45 0.00	38.16 2.30 0.00	38.75 2.30 0.00	37.32 2.21 0.00	38.00 2.12 0.09	36.99 1.90 0.11	37.69 2.01 0.28	38.06 2.15 0.00	42.18 2.46 0.00	47.22 3.17 0.00	48.75 3.44 0.00	48.23 3.36 0.00	44.04 2.84 0.00	37.59 2.33 0.00	34.77 1.97 0.00	33.23 1.88 0.00
NUCOR_STEEL___DRP 24197	31.15 0.28 0.00	28.52 0.20 0.00	25.83 0.18 0.00	25.15 0.20 0.00	26.20 0.18 0.00	28.45 0.25 0.00	34.59 0.41 0.00	38.89 0.42 0.00	38.64 0.38 0.00	36.29 0.43 0.00	36.96 0.51 0.00	35.63 0.53 0.00	36.62 0.65 0.00	35.84 0.63 0.00	36.57 0.61 0.00	36.48 0.57 0.00	40.43 0.71 0.00	44.80 0.75 0.00	45.99 0.68 0.00	45.49 0.63 0.00	41.77 0.58 0.00	35.76 0.49 0.00	33.52 0.72 0.00	31.89 0.53 0.00
NUMBER_THREE_WT_PWR 323818	27.10 0.43 4.20	24.87 0.40 3.85	22.82 0.33 3.17	22.39 0.32 2.89	23.25 0.34 3.10	25.14 0.48 3.53	32.41 0.82 2.59	36.30 0.92 3.09	39.09 0.84 0.00	36.76 0.90 0.00	35.95 0.69 1.19	32.95 0.63 2.79	35.45 0.54 1.06	34.93 0.56 0.83	35.24 0.61 1.32	35.76 0.50 0.65	40.19 0.63 0.16	39.64 0.62 5.03	40.08 0.95 6.18	39.82 0.90 5.95	36.36 0.78 5.62	31.15 0.71 4.82	29.04 0.66 4.42	27.63 0.53 4.26
NYISO_LBMP_REFERENCE 24008	30.87 0.00 0.00	28.32 0.00 0.00	25.65 0.00 0.00	24.95 0.00 0.00	26.01 0.00 0.00	28.19 0.00 0.00	34.18 0.00 0.00	38.47 0.00 0.00	38.25 0.00 0.00	35.86 0.00 0.00	36.45 0.00 0.00	35.10 0.00 0.00	35.97 0.00 0.00	35.20 0.00 0.00	35.96 0.00 0.00	35.91 0.00 0.00	39.72 0.00 0.00	44.05 0.00 0.00	45.31 0.00 0.00	44.87 0.00 0.00	41.20 0.00 0.00	35.26 0.00 0.00	32.80 0.00 0.00	31.35 0.00 0.00

NYPA_BRENTWD____GT 24164	35.33 2.04 -2.42	30.44 1.67 -0.45	29.33 1.51 -2.16	27.85 1.40 -1.50	29.13 1.51 -1.61	34.40 1.69 -4.52	38.50 2.19 -2.13	41.93 2.69 -0.77	40.82 2.56 0.00	40.15 2.30 -1.99	38.93 2.48 0.00	40.84 2.39 -3.35	38.83 2.37 -0.48	39.14 2.36 -1.58	38.72 2.48 -0.29	39.18 2.51 -0.76	43.79 2.78 -1.30	47.31 3.26 0.00	48.62 3.31 0.00	48.14 3.27 0.00	44.29 3.09 0.00	39.85 2.57 -2.01	35.51 1.84 -0.87	33.23 1.88 0.00
NYPA_GOWANUS____GT5 24156	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NYPA_GOWANUS____GT6 24157	32.92 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	42.00 2.06 -1.69	39.14 1.83 -1.46	42.19 1.93 -3.81	44.45 1.86 -7.49	44.34 1.87 -6.50	44.09 1.83 -7.06	42.16 1.94 -4.27	44.07 1.94 -6.23	48.29 2.34 -6.23	46.76 2.69 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.55 2.08 -1.21	34.55 1.74 -0.02	33.19 1.82 -0.02
NYPA_HARLEM__RVR__GT1 24160	32.83 1.95 -0.01	29.94 1.61 -0.01	27.12 1.46 -0.01	26.31 1.35 -0.01	27.48 1.46 -0.01	29.72 1.52 0.00	35.93 1.74 -0.01	40.38 1.88 -0.02	41.73 1.80 -1.68	38.89 1.58 -1.45	41.90 1.64 -3.80	44.16 1.58 -7.48	44.04 1.58 -6.49	43.80 1.55 -7.05	41.83 1.62 -4.26	43.75 1.62 -6.22	47.92 1.99 -6.22	46.35 2.29 -0.01	47.90 2.58 -0.01	47.25 2.38 -0.01	43.26 2.06 -0.01	38.16 1.69 -1.20	34.29 1.48 -0.01	33.05 1.69 -0.01
NYPA_HARLEM__RVR__GT2 24161	32.83 1.95 -0.01	29.94 1.61 -0.01	27.12 1.46 -0.01	26.31 1.35 -0.01	27.48 1.46 -0.01	29.72 1.52 0.00	35.93 1.74 -0.01	40.38 1.88 -0.02	41.73 1.80 -1.68	38.89 1.58 -1.45	41.90 1.64 -3.80	44.16 1.58 -7.48	44.04 1.58 -6.49	43.80 1.55 -7.05	41.83 1.62 -4.26	43.75 1.62 -6.22	47.92 1.99 -6.22	46.35 2.29 -0.01	47.90 2.58 -0.01	47.25 2.38 -0.01	43.26 2.06 -0.01	38.16 1.69 -1.20	34.29 1.48 -0.01	33.05 1.69 -0.01
NYPA_KENT____GT 24152	32.86 1.98 -0.01	29.93 1.61 0.00	27.09 1.44 0.00	26.27 1.32 0.00	27.47 1.46 0.00	29.72 1.52 0.00	36.10 1.91 -0.01	40.65 2.15 -0.03	41.97 2.03 -1.69	39.14 1.83 -1.46	42.16 1.89 -3.81	44.41 1.82 -7.49	44.31 1.83 -6.50	44.06 1.79 -7.06	42.09 1.87 -4.27	44.04 1.90 -6.23	48.21 2.26 -6.23	46.67 2.60 -0.02	48.04 2.72 -0.01	47.47 2.60 -0.01	43.47 2.26 -0.01	38.48 2.01 -1.21	34.45 1.64 -0.01	33.09 1.72 -0.01
NYPA_POUCH1____GT 24155	32.99 2.10 -0.02	30.11 1.79 0.00	27.22 1.57 0.00	26.40 1.45 0.00	27.60 1.59 0.00	29.83 1.63 0.00	36.20 2.02 -0.01	40.46 1.96 -0.03	40.68 1.84 -0.60	38.96 1.65 -1.45	40.68 1.75 -2.47	40.78 1.65 -4.02	40.78 1.69 -3.12	40.80 1.65 -3.94	40.68 1.73 -2.99	40.94 1.72 -3.31	42.16 2.14 -0.30	42.83 2.47 3.69	42.88 2.54 4.97	43.02 2.47 4.31	41.88 2.10 1.42	38.48 2.01 -1.21	34.59 1.77 -0.02	33.22 1.85 -0.02
NYPA_VERNON____GT2 24162	32.76 1.88 -0.01	29.88 1.56 0.00	27.01 1.36 0.00	26.22 1.27 0.00	27.39 1.38 0.00	29.69 1.49 0.00	36.03 1.84 -0.01	40.61 2.11 -0.03	41.97 2.03 -1.69	39.11 1.79 -1.46	42.12 1.86 -3.81	44.38 1.79 -7.49	44.27 1.80 -6.50	44.02 1.76 -7.06	42.06 1.83 -4.27	43.97 1.83 -6.23	48.17 2.22 -6.23	46.62 2.55 -0.02	47.99 2.67 -0.01	47.47 2.60 -0.01	43.43 2.22 -0.01	38.37 1.90 -1.21	34.39 1.57 -0.01	32.99 1.63 -0.01
NYPA_VERNON____GT3 24163	32.76 1.88 -0.01	29.88 1.56 0.00	27.01 1.36 0.00	26.22 1.27 0.00	27.39 1.38 0.00	29.69 1.49 0.00	36.03 1.84 -0.01	40.61 2.11 -0.03	41.97 2.03 -1.69	39.11 1.79 -1.46	42.12 1.86 -3.81	44.38 1.79 -7.49	44.27 1.80 -6.50	44.02 1.76 -7.06	42.06 1.83 -4.27	43.97 1.83 -6.23	48.17 2.22 -6.23	46.62 2.55 -0.02	47.99 2.67 -0.01	47.47 2.60 -0.01	43.43 2.22 -0.01	38.37 1.90 -1.21	34.39 1.57 -0.01	32.99 1.63 -0.01
NYPA__ASTORIA_CC1 323568	32.73 1.85 -0.01	29.85 1.53 0.00	27.01 1.36 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	36.00 1.81 -0.01	40.54 2.04 -0.03	41.89 1.95 -1.69	39.04 1.72 -1.46	42.08 1.82 -3.81	44.31 1.72 -7.49	44.20 1.73 -6.50	43.95 1.69 -7.06	41.98 1.76 -4.27	43.93 1.79 -6.23	48.13 2.18 -6.23	46.58 2.51 -0.02	47.94 2.63 -0.01	47.38 2.51 -0.01	43.39 2.18 -0.01	38.34 1.87 -1.21	34.32 1.51 -0.01	32.99 1.63 -0.01
NYPA__ASTORIA_CC2 323569	32.73 1.85 -0.01	29.85 1.53 0.00	27.01 1.36 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	36.00 1.81 -0.01	40.54 2.04 -0.03	41.89 1.95 -1.69	39.04 1.72 -1.46	42.08 1.82 -3.81	44.31 1.72 -7.49	44.20 1.73 -6.50	43.95 1.69 -7.06	41.98 1.76 -4.27	43.93 1.79 -6.23	48.13 2.18 -6.23	46.58 2.51 -0.02	47.94 2.63 -0.01	47.38 2.51 -0.01	43.39 2.18 -0.01	38.34 1.87 -1.21	34.32 1.51 -0.01	32.99 1.63 -0.01
NYPA__HOLTSVILL 23794	35.02 1.73 -2.42	30.02 1.44 -0.26	29.15 1.33 -2.16	27.65 1.20 -1.50	28.90 1.27 -1.61	34.15 1.44 -4.52	38.26 1.95 -2.13	41.71 2.46 -0.77	40.59 2.33 0.00	39.89 2.04 -1.99	38.71 2.26 0.00	40.60 2.14 -3.35	38.61 2.16 -0.48	38.93 2.15 -1.58	38.51 2.27 -0.29	39.00 2.33 -0.76	43.67 2.66 -1.30	47.23 3.17 0.00	48.53 3.22 0.00	48.00 3.14 0.00	44.08 2.88 0.00	39.60 2.33 -2.01	35.25 1.57 -0.87	33.01 1.66 0.00
NYPA__HELLGATE_GT1 24158	32.83 1.95 -0.01	29.94 1.61 -0.01	27.12 1.46 -0.01	26.31 1.35 -0.01	27.48 1.46 -0.01	29.72 1.52 0.00	35.93 1.74 -0.01	40.38 1.88 -0.02	41.73 1.80 -1.68	38.89 1.58 -1.45	41.90 1.64 -3.80	44.16 1.58 -7.48	44.04 1.58 -6.49	43.80 1.55 -7.05	41.83 1.62 -4.26	43.75 1.62 -6.22	47.92 1.99 -6.22	46.35 2.29 -0.01	47.90 2.58 -0.01	47.25 2.38 -0.01	43.26 2.06 -0.01	38.16 1.69 -1.20	34.29 1.48 -0.01	33.05 1.69 -0.01
NYPA__HELLGATE_GT2 24159	32.83 1.95 -0.01	29.94 1.61 -0.01	27.12 1.46 -0.01	26.31 1.35 -0.01	27.48 1.46 -0.01	29.72 1.52 0.00	35.93 1.74 -0.01	40.38 1.88 -0.02	41.73 1.80 -1.68	38.89 1.58 -1.45	41.90 1.64 -3.80	44.16 1.58 -7.48	44.04 1.58 -6.49	43.80 1.55 -7.05	41.83 1.62 -4.26	43.75 1.62 -6.22	47.92 1.99 -6.22	46.35 2.29 -0.01	47.90 2.58 -0.01	47.25 2.38 -0.01	43.26 2.06 -0.01	38.16 1.69 -1.20	34.29 1.48 -0.01	33.05 1.69 -0.01
NYS_BARGE__HYD 23848	29.45 -1.42 0.00	26.74 -1.59 0.00	24.27 -1.39 0.00	23.60 -1.35 0.00	24.61 -1.41 0.00	26.87 -1.32 0.00	32.54 -1.64 0.00	35.82 -2.65 0.00	35.65 -2.60 0.00	33.78 -2.08 0.00	34.63 -1.82 0.00	33.49 -1.61 0.00	34.71 -1.26 0.00	34.18 -1.02 0.00	34.37 -1.58 0.00	34.08 -1.83 0.00	38.05 -1.67 0.00	42.07 -1.98 0.00	42.77 -2.54 0.00	42.31 -2.56 0.00	39.18 -2.02 0.00	33.29 -1.97 0.00	32.41 -0.39 0.00	30.85 -0.50 0.00

OAK ORCHARD___HYD 24046	30.13 -0.74 0.00	27.41 -0.91 0.00	24.91 -0.74 0.00	24.20 -0.75 0.00	25.21 -0.81 0.00	27.46 -0.73 0.00	33.36 -0.82 0.00	37.05 -1.42 0.00	36.91 -1.34 0.00	34.97 -0.90 0.00	35.72 -0.73 0.00	34.47 -0.63 0.00	35.65 -0.32 0.00	35.03 -0.18 0.00	35.42 -0.54 0.00	35.30 -0.61 0.00	39.20 -0.52 0.00	43.43 -0.62 0.00	44.36 -0.95 0.00	43.84 -1.03 0.00	40.41 -0.78 0.00	34.38 -0.88 0.00	32.97 0.16 0.00	31.32 -0.03 0.00
OAKDALE___35_KV_LOAD 356122	30.87 0.00 0.00	28.26 -0.06 0.00	25.65 0.00 0.00	24.93 -0.02 0.00	26.01 0.00 0.00	28.28 0.08 0.00	34.35 0.17 0.00	38.66 0.19 0.00	38.33 0.08 0.00	36.01 0.14 0.00	36.67 0.22 0.00	35.35 0.25 0.00	36.33 0.36 0.00	35.66 0.46 0.00	36.32 0.36 0.00	36.16 0.25 0.00	40.23 0.52 0.00	44.58 0.53 0.00	45.76 0.45 0.00	45.27 0.40 0.00	41.61 0.41 0.00	35.55 0.28 0.00	33.29 0.49 0.00	31.76 0.41 0.00
OCC_CHEM___DRP 24175	28.99 -1.88 0.00	26.25 -2.07 0.00	23.91 -1.74 0.00	23.25 -1.70 0.00	24.25 -1.77 0.00	26.45 -1.75 0.00	31.96 -2.22 0.00	35.05 -3.42 0.00	34.85 -3.40 0.00	33.06 -2.80 0.00	33.87 -2.59 0.00	32.75 -2.35 0.00	33.92 -2.05 0.00	33.48 -1.72 0.00	33.62 -2.34 0.00	33.25 -2.66 0.00	37.18 -2.54 0.00	41.06 -3.00 0.00	41.78 -3.53 0.00	41.23 -3.63 0.00	38.35 -2.84 0.00	32.48 -2.79 0.00	31.72 -1.08 0.00	30.26 -1.10 0.00
OH_GEN_PROXY 24063	29.20 -1.67 0.00	26.40 -1.78 0.14	21.91 -1.54 2.21	21.06 -1.52 2.37	22.19 -1.59 2.24	24.18 -1.52 2.49	27.58 -1.91 4.69	31.85 -3.08 3.54	31.76 -3.02 3.47	32.55 -2.47 0.84	32.71 -2.26 1.48	33.07 -2.04 0.00	34.24 -1.73 0.00	33.69 -1.51 0.00	33.91 -2.05 0.00	33.65 -2.26 0.00	37.53 -2.18 0.00	41.54 -2.51 0.00	42.18 -3.13 0.00	41.72 -3.14 0.00	38.68 -2.51 0.00	32.87 -2.40 0.00	31.95 -0.85 0.00	30.30 -0.91 0.14
OLIN_CORP_DRP 24177	29.11 -1.76 0.00	26.34 -1.98 0.00	23.99 -1.67 0.00	23.33 -1.62 0.00	24.32 -1.69 0.00	26.56 -1.64 0.00	32.13 -2.05 0.00	35.24 -3.23 0.00	35.08 -3.18 0.00	33.24 -2.62 0.00	34.05 -2.41 0.00	32.93 -2.18 0.00	34.14 -1.83 0.00	33.69 -1.51 0.00	33.87 -2.09 0.00	33.50 -2.41 0.00	37.41 -2.30 0.00	41.32 -2.73 0.00	42.09 -3.22 0.00	41.55 -3.32 0.00	38.60 -2.60 0.00	32.69 -2.57 0.00	31.92 -0.89 0.00	30.41 -0.94 0.00
OLIN_CORP_DSASP 323712	28.99 -1.88 0.00	26.34 -1.98 0.00	23.91 -1.75 0.00	23.25 -1.70 0.00	24.25 -1.77 0.00	26.45 -1.75 0.00	31.96 -2.22 0.00	35.05 -3.42 0.00	34.85 -3.40 0.00	33.03 -2.83 0.00	33.87 -2.59 0.00	32.75 -2.35 0.00	33.92 -2.05 0.00	33.41 -1.79 0.00	33.55 -2.41 0.00	33.25 -2.66 0.00	37.09 -2.62 0.00	41.05 -3.00 0.00	41.68 -3.63 0.00	41.23 -3.63 0.00	38.23 -2.97 0.00	32.51 -2.75 0.00	31.72 -1.08 0.00	30.25 -1.10 0.00
ONEIDA_HERK_LFGE 323681	30.28 0.71 1.31	27.78 0.65 1.20	25.23 0.56 0.98	24.60 0.55 0.90	25.62 0.57 0.96	27.80 0.71 1.10	34.36 0.99 0.81	38.62 1.12 0.96	39.32 1.07 0.00	36.97 1.11 0.00	37.10 1.02 0.37	35.22 0.98 0.87	36.57 0.93 0.33	35.89 0.95 0.26	36.52 0.97 0.41	36.57 0.86 0.20	40.70 1.03 0.05	43.59 1.10 1.56	44.75 1.36 1.92	44.32 1.30 1.85	40.60 1.15 1.75	34.75 0.99 1.50	32.35 0.92 1.37	30.81 0.78 1.32
ONEIDA___115KV_TB4 55905	31.86 0.99 0.00	29.20 0.88 0.00	26.45 0.80 0.00	25.72 0.77 0.00	26.82 0.81 0.00	29.12 0.93 0.00	35.48 1.30 0.00	39.89 1.42 0.00	39.59 1.34 0.00	37.26 1.40 0.00	37.80 1.35 0.00	36.44 1.33 0.00	37.30 1.33 0.00	36.54 1.34 0.00	37.32 1.37 0.00	37.16 1.26 0.00	41.19 1.47 0.00	45.68 1.63 0.00	47.12 1.81 0.00	46.62 1.75 0.00	42.76 1.57 0.00	36.60 1.34 0.00	34.05 1.25 0.00	32.45 1.10 0.00
ONONDAGA_REF_OCCRA 23987	31.09 0.22 0.00	28.49 0.17 0.00	25.81 0.15 0.00	25.10 0.15 0.00	26.17 0.16 0.00	28.42 0.23 0.00	34.59 0.41 0.00	38.93 0.46 0.00	38.67 0.42 0.00	36.29 0.43 0.00	36.93 0.47 0.00	35.60 0.49 0.00	36.55 0.58 0.00	35.77 0.56 0.00	36.50 0.54 0.00	36.41 0.50 0.00	40.31 0.60 0.00	44.71 0.66 0.00	45.94 0.63 0.00	45.45 0.58 0.00	41.73 0.54 0.00	35.72 0.46 0.00	33.36 0.56 0.00	31.76 0.41 0.00
ONONDAGA___COGEN 23986	31.24 0.37 0.00	28.60 0.28 0.00	25.91 0.26 0.00	25.20 0.25 0.00	26.28 0.26 0.00	28.53 0.34 0.00	34.69 0.51 0.00	39.08 0.62 0.00	38.83 0.57 0.00	36.44 0.57 0.00	37.07 0.62 0.00	35.74 0.63 0.00	36.69 0.72 0.00	35.91 0.70 0.00	36.64 0.68 0.00	36.55 0.65 0.00	40.51 0.79 0.00	44.84 0.79 0.00	46.08 0.77 0.00	45.58 0.72 0.00	41.86 0.66 0.00	35.86 0.60 0.00	33.49 0.69 0.00	31.89 0.53 0.00
ONTARIO___LFGE 23819	30.59 -0.28 0.00	27.92 -0.40 0.00	25.37 -0.28 0.00	24.68 -0.27 0.00	25.75 -0.26 0.00	28.08 -0.11 0.00	34.28 0.10 0.00	38.35 -0.12 0.00	38.06 -0.19 0.00	35.93 0.07 0.00	36.67 0.22 0.00	35.35 0.25 0.00	36.47 0.50 0.00	35.76 0.56 0.00	36.24 0.29 0.00	36.27 0.36 0.00	40.20 0.48 0.00	44.58 0.53 0.00	45.67 0.36 0.00	45.14 0.27 0.00	41.45 0.25 0.00	35.51 0.25 0.00	33.59 0.79 0.00	31.85 0.50 0.00
ORANGEVILLE_WT_PWR 323706	29.14 -1.73 0.00	26.54 -1.78 0.00	24.12 -1.54 0.00	23.43 -1.52 0.00	24.48 -1.53 0.00	26.73 -1.47 0.00	32.51 -1.67 0.00	36.12 -2.35 0.00	36.00 -2.26 0.00	34.03 -1.83 0.00	34.89 -1.57 0.00	33.74 -1.37 0.00	34.96 -1.01 0.00	34.50 -0.70 0.00	34.80 -1.15 0.00	34.58 -1.33 0.00	38.65 -1.07 0.00	42.77 -1.28 0.00	43.54 -1.77 0.00	43.07 -1.80 0.00	39.75 -1.44 0.00	33.78 -1.48 0.00	32.57 -0.23 0.00	31.04 -0.31 0.00
ORANGEVILLE___ESR 323794	29.14 -1.73 0.00	26.54 -1.78 0.00	24.12 -1.54 0.00	23.43 -1.52 0.00	24.48 -1.53 0.00	26.73 -1.47 0.00	32.51 -1.67 0.00	36.12 -2.35 0.00	36.00 -2.26 0.00	34.03 -1.83 0.00	34.89 -1.57 0.00	33.74 -1.37 0.00	34.96 -1.01 0.00	34.50 -0.70 0.00	34.80 -1.15 0.00	34.58 -1.33 0.00	38.65 -1.07 0.00	42.77 -1.28 0.00	43.54 -1.77 0.00	43.07 -1.80 0.00	39.75 -1.44 0.00	33.78 -1.48 0.00	32.57 -0.23 0.00	31.04 -0.31 0.00
OSWEGATCHIE___HYD 24044	20.04 -0.12 10.71	18.39 -0.11 9.82	17.47 -0.10 8.08	17.48 -0.10 7.37	18.01 -0.10 7.90	19.14 -0.06 9.00	27.70 0.14 6.62	30.77 0.19 7.89	38.41 0.15 0.00	36.04 0.18 0.00	33.44 0.04 3.05	28.00 0.00 7.11	33.15 -0.11 2.71	33.00 -0.07 2.13	32.51 -0.07 3.37	34.09 -0.14 1.67	39.06 -0.24 0.42	30.70 -0.53 12.82	29.13 -0.41 15.77	29.29 -0.40 15.17	26.50 -0.37 14.33	22.72 -0.25 12.30	21.34 -0.20 11.27	20.34 -0.16 10.86
OSWEGO___5 23606	30.62 -0.25 0.00	28.07 -0.26 0.00	25.42 -0.23 0.00	24.73 -0.23 0.00	25.78 -0.23 0.00	27.97 -0.23 0.00	33.98 -0.20 0.00	38.20 -0.27 0.00	37.99 -0.27 0.00	35.65 -0.21 0.00	36.27 -0.18 0.00	34.96 -0.14 0.00	35.86 -0.11 0.00	35.10 -0.11 0.00	35.81 -0.14 0.00	35.77 -0.14 0.00	39.60 -0.12 0.00	43.88 -0.18 0.00	45.08 -0.23 0.00	44.64 -0.22 0.00	40.99 -0.20 0.00	35.09 -0.18 0.00	32.77 -0.03 0.00	31.26 -0.09 0.00

OSWEGO___6 23613	30.62 -0.25 0.00	28.07 -0.26 0.00	25.42 -0.23 0.00	24.73 -0.23 0.00	25.78 -0.23 0.00	27.97 -0.23 0.00	33.98 -0.20 0.00	38.20 -0.27 0.00	37.99 -0.27 0.00	35.65 -0.21 0.00	36.27 -0.18 0.00	34.96 -0.14 0.00	35.86 -0.11 0.00	35.10 -0.11 0.00	35.81 -0.14 0.00	35.77 -0.14 0.00	39.60 -0.12 0.00	43.88 -0.18 0.00	45.08 -0.23 0.00	44.64 -0.22 0.00	40.99 -0.20 0.00	35.09 -0.18 0.00	32.77 -0.03 0.00	31.26 -0.09 0.00
OUTOKUMPU-AB___DRP 24206	29.61 -1.27 0.00	26.79 -1.53 0.00	24.40 -1.26 0.00	23.73 -1.22 0.00	24.77 -1.25 0.00	27.04 -1.16 0.00	32.74 -1.44 0.00	36.05 -2.42 0.00	35.81 -2.45 0.00	33.93 -1.94 0.00	34.78 -1.68 0.00	33.63 -1.47 0.00	34.89 -1.08 0.00	34.46 -0.74 0.00	34.66 -1.29 0.00	34.22 -1.69 0.00	38.25 -1.47 0.00	42.20 -1.85 0.00	43.00 -2.31 0.00	42.49 -2.38 0.00	39.55 -1.65 0.00	33.47 -1.80 0.00	32.60 -0.20 0.00	31.04 -0.31 0.00
OXBOW___BTM 323836	29.36 -1.51 0.00	26.65 -1.67 0.00	24.19 -1.46 0.00	23.53 -1.42 0.00	24.53 -1.48 0.00	26.78 -1.41 0.00	32.40 -1.78 0.00	35.62 -2.85 0.00	35.38 -2.87 0.00	33.57 -2.30 0.00	34.41 -2.04 0.00	33.28 -1.83 0.00	34.49 -1.48 0.00	33.97 -1.23 0.00	34.16 -1.80 0.00	33.82 -2.08 0.00	37.77 -1.95 0.00	41.72 -2.34 0.00	42.37 -2.94 0.00	41.95 -2.92 0.00	38.93 -2.27 0.00	33.08 -2.19 0.00	32.24 -0.56 0.00	30.69 -0.66 0.00
OXBOW____ 24026	29.36 -1.51 0.00	26.57 -1.76 0.00	24.19 -1.46 0.00	23.53 -1.42 0.00	24.53 -1.48 0.00	26.78 -1.41 0.00	32.40 -1.78 0.00	35.62 -2.85 0.00	35.38 -2.87 0.00	33.57 -2.30 0.00	34.41 -2.04 0.00	33.24 -1.86 0.00	34.49 -1.47 0.00	34.04 -1.16 0.00	34.23 -1.73 0.00	33.83 -2.08 0.00	37.81 -1.91 0.00	41.72 -2.33 0.00	42.46 -2.85 0.00	41.95 -2.92 0.00	39.05 -2.14 0.00	33.04 -2.22 0.00	32.24 -0.56 0.00	30.69 -0.66 0.00
OXY_CHEM_DSASP 323612	28.99 -1.88 0.00	26.25 -2.07 0.00	23.91 -1.74 0.00	23.25 -1.70 0.00	24.25 -1.77 0.00	26.45 -1.75 0.00	31.96 -2.22 0.00	35.05 -3.42 0.00	34.85 -3.40 0.00	33.06 -2.80 0.00	33.87 -2.59 0.00	32.75 -2.35 0.00	33.92 -2.05 0.00	33.48 -1.72 0.00	33.62 -2.34 0.00	33.25 -2.66 0.00	37.18 -2.54 0.00	41.06 -3.00 0.00	41.78 -3.53 0.00	41.23 -3.63 0.00	38.35 -2.84 0.00	32.48 -2.79 0.00	31.72 -1.08 0.00	30.26 -1.10 0.00
OZONE_PARK_ESR 323760	32.89 2.01 -0.01	29.96 1.64 0.00	27.07 1.41 0.00	26.27 1.32 0.00	27.47 1.46 0.00	29.77 1.58 0.00	36.27 2.08 -0.01	40.96 2.46 -0.03	42.20 2.33 -1.61	39.37 2.12 -1.39	42.24 2.15 -3.64	44.32 2.07 -7.15	44.27 2.09 -6.21	43.99 2.04 -6.75	42.17 2.12 -4.09	44.01 2.15 -5.95	48.17 2.50 -5.95	47.02 2.95 -0.02	48.35 3.04 -0.01	47.88 3.01 -0.01	43.80 2.60 -0.01	38.64 2.22 -1.15	34.61 1.80 -0.01	33.15 1.79 -0.01
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	28.99 -1.88 0.00	26.25 -2.07 0.00	23.91 -1.74 0.00	23.25 -1.70 0.00	24.25 -1.77 0.00	26.45 -1.75 0.00	31.96 -2.22 0.00	35.05 -3.42 0.00	34.85 -3.40 0.00	33.06 -2.80 0.00	33.87 -2.59 0.00	32.75 -2.35 0.00	33.92 -2.05 0.00	33.48 -1.72 0.00	33.62 -2.34 0.00	33.25 -2.66 0.00	37.18 -2.54 0.00	41.06 -3.00 0.00	41.78 -3.53 0.00	41.23 -3.63 0.00	38.35 -2.84 0.00	32.48 -2.79 0.00	31.72 -1.08 0.00	30.26 -1.10 0.00
PACKARD__115KV_DUPONT_184 80571	28.99 -1.88 0.00	26.25 -2.07 0.00	23.91 -1.74 0.00	23.25 -1.70 0.00	24.25 -1.77 0.00	26.45 -1.75 0.00	31.96 -2.22 0.00	35.05 -3.42 0.00	34.85 -3.40 0.00	33.06 -2.80 0.00	33.87 -2.59 0.00	32.75 -2.35 0.00	33.92 -2.05 0.00	33.48 -1.72 0.00	33.62 -2.34 0.00	33.25 -2.66 0.00	37.18 -2.54 0.00	41.06 -3.00 0.00	41.78 -3.53 0.00	41.23 -3.63 0.00	38.35 -2.84 0.00	32.48 -2.79 0.00	31.72 -1.08 0.00	30.26 -1.10 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.86 1.98 -0.01	29.99 1.67 0.00	27.12 1.46 0.00	26.32 1.37 0.00	27.50 1.48 0.00	29.77 1.58 0.00	35.93 1.74 -0.01	40.42 1.92 -0.03	41.75 1.84 -1.66	38.91 1.61 -1.43	41.88 1.68 -3.75	44.09 1.61 -7.37	43.99 1.62 -6.40	43.74 1.58 -6.95	41.82 1.65 -4.21	43.73 1.69 -6.13	47.79 1.95 -6.13	46.45 2.38 -0.02	48.04 2.72 -0.01	47.39 2.51 -0.01	43.22 2.02 -0.01	38.22 1.76 -1.19	34.32 1.51 -0.01	33.02 1.66 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.13 2.25 -0.01	30.25 1.93 0.00	27.32 1.67 0.00	26.55 1.60 0.00	27.73 1.72 0.00	30.00 1.80 0.00	36.20 2.02 -0.01	40.73 2.23 -0.03	42.06 2.14 -1.66	39.16 1.86 -1.43	42.17 1.97 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.03 1.87 -4.21	43.94 1.90 -6.13	48.11 2.26 -6.13	46.75 2.69 -0.02	48.35 3.04 -0.01	47.70 2.83 -0.01	43.55 2.35 -0.01	38.46 2.01 -1.19	34.58 1.77 -0.01	33.30 1.94 -0.01
PATROON__115KV_TB1 80586	31.37 0.49 0.00	28.83 0.51 0.00	26.14 0.49 0.00	25.43 0.47 0.00	26.48 0.47 0.00	28.70 0.51 0.00	34.73 0.55 0.00	39.08 0.62 0.00	38.75 0.50 0.00	36.29 0.43 0.00	36.85 0.40 0.00	35.46 0.35 0.00	36.21 0.32 0.09	35.35 0.25 0.10	35.99 0.29 0.25	36.30 0.39 0.00	40.19 0.48 0.00	44.80 0.75 0.00	46.22 0.91 0.00	45.72 0.85 0.00	41.82 0.62 0.00	35.76 0.49 0.00	33.10 0.30 0.00	31.73 0.38 0.00
PATTRSNVILLE___SOLAR 323815	32.17 1.30 0.00	29.54 1.22 0.00	26.78 1.13 0.00	26.02 1.07 0.00	27.16 1.14 0.00	29.46 1.27 0.00	35.68 1.50 0.00	40.05 1.58 0.00	39.74 1.49 0.00	37.12 1.25 0.00	37.65 1.20 0.00	36.23 1.12 0.00	36.98 1.08 0.07	36.18 1.06 0.08	36.90 1.15 0.21	37.16 1.26 0.00	41.35 1.63 0.00	46.08 2.03 0.00	47.53 2.22 0.00	47.02 2.15 0.00	43.05 1.86 0.00	36.78 1.52 0.00	34.08 1.28 0.00	32.57 1.22 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	29.73 -1.14 0.00	26.91 -1.42 0.00	24.53 -1.13 0.00	23.85 -1.10 0.00	24.90 -1.12 0.00	27.24 -0.96 0.00	33.05 -1.13 0.00	36.62 -1.85 0.00	36.46 -1.80 0.00	34.50 -1.36 0.00	35.36 -1.09 0.00	34.19 -0.91 0.00	35.43 -0.54 0.00	35.06 -0.14 0.00	35.31 -0.65 0.00	34.90 -1.01 0.00	39.04 -0.68 0.00	43.08 -0.97 0.00	43.90 -1.40 0.00	43.43 -1.44 0.00	40.17 -1.03 0.00	34.00 -1.27 0.00	32.87 0.07 0.00	31.29 -0.06 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	32.60 1.73 0.00	29.79 1.47 0.00	26.91 1.26 0.00	26.17 1.22 0.00	27.32 1.30 0.00	29.66 1.47 0.00	35.99 1.81 0.00	40.62 2.15 0.00	40.32 2.07 0.00	37.66 1.79 0.00	38.31 1.86 0.00	36.90 1.79 0.00	37.85 1.80 -0.09	36.99 1.69 -0.10	38.04 1.83 -0.25	37.74 1.83 0.00	41.86 2.14 0.00	46.61 2.55 0.00	48.07 2.76 0.00	47.47 2.60 0.00	43.46 2.27 0.00	37.17 1.90 0.00	34.24 1.44 0.00	32.86 1.50 0.00
PEEKSKILL____ 23653	32.38 1.51 0.00	29.57 1.24 0.00	26.68 1.03 0.00	25.92 0.97 0.00	27.06 1.04 0.00	29.35 1.16 0.00	35.61 1.44 0.00	40.20 1.73 0.00	39.90 1.64 0.00	37.30 1.44 0.00	37.91 1.46 0.00	36.51 1.41 0.00	37.47 1.40 -0.10	36.69 1.37 -0.11	37.71 1.47 -0.28	37.38 1.47 0.00	41.51 1.79 0.00	46.17 2.11 0.00	47.48 2.17 0.00	46.97 2.11 0.00	43.01 1.81 0.00	36.81 1.55 0.00	33.95 1.15 0.00	32.57 1.22 0.00

PGE MADISON___WINDPWR 24146	32.88 2.01 0.00	30.08 1.76 0.00	27.19 1.54 0.00	26.47 1.52 0.00	27.58 1.56 0.00	30.08 1.89 0.00	36.88 2.70 0.00	41.43 2.96 0.00	41.01 2.76 0.00	38.77 2.90 0.00	39.22 2.77 0.00	37.84 2.74 0.00	38.67 2.70 0.00	38.02 2.82 0.00	38.80 2.84 0.00	38.57 2.66 0.00	42.90 3.18 0.00	47.62 3.57 0.00	49.39 4.08 0.00	48.72 3.86 0.00	44.66 3.46 0.00	38.19 2.93 0.00	35.65 2.85 0.00	33.80 2.45 0.00
PIERCEFIELD___HYD 23852	14.08 -0.71 16.08	12.96 -0.62 14.74	12.96 -0.56 12.13	13.34 -0.55 11.06	13.58 -0.57 11.87	14.09 -0.59 13.51	23.63 -0.62 9.93	25.97 -0.65 11.84	37.64 -0.61 0.00	35.25 -0.61 0.01	31.19 -0.69 4.57	23.73 -0.70 10.67	31.11 -0.79 4.07	31.23 -0.77 3.20	30.06 -0.83 5.06	32.57 -0.83 2.51	37.98 -1.11 0.63	23.04 -1.76 19.25	19.73 -1.90 23.68	20.29 -1.79 22.78	18.08 -1.61 21.51	15.49 -1.30 18.47	14.77 -1.12 16.92	14.15 -0.91 16.30
PINELAWN_CC_1 323563	35.36 2.07 -2.42	30.50 1.73 -0.45	29.35 1.54 -2.16	27.87 1.42 -1.50	29.16 1.53 -1.61	34.40 1.69 -4.52	38.50 2.19 -2.13	41.86 2.62 -0.77	40.74 2.49 0.00	40.07 2.22 -1.99	38.79 2.34 0.00	40.67 2.21 -3.35	38.68 2.23 -0.48	39.00 2.22 -1.58	38.58 2.34 -0.29	39.04 2.37 -0.76	43.79 2.78 -1.30	47.31 3.26 0.00	48.62 3.31 0.00	48.14 3.27 0.00	44.12 2.93 0.00	39.71 2.43 -2.01	35.51 1.84 -0.87	33.20 1.85 0.00
PJM_GEN_HTP_PROXY 323702	32.61 1.73 -0.01	29.74 1.42 0.00	26.86 1.21 0.00	26.08 1.12 0.00	27.24 1.22 0.00	29.55 1.35 0.00	35.93 1.74 -0.01	40.57 2.08 -0.03	41.73 1.95 -1.53	38.94 1.76 -1.32	41.69 1.79 -3.45	43.61 1.72 -6.79	43.60 1.73 -5.91	43.30 1.69 -6.41	41.65 1.80 -3.90	43.35 1.79 -5.65	47.51 2.14 -5.65	46.58 2.51 -0.01	47.85 2.54 -0.01	47.38 2.51 -0.01	43.39 2.18 -0.01	38.19 1.83 -1.09	34.25 1.44 -0.01	32.83 1.47 -0.01
PJM_GEN_KEystone 24065	26.04 -0.90 3.94	23.61 -0.99 3.72	23.66 -0.15 1.84	23.56 -0.20 1.19	25.20 -0.18 0.63	28.14 -0.06 0.00	34.15 -0.03 0.00	38.20 -0.27 0.00	38.02 -0.34 -0.11	35.75 -0.21 -0.10	36.57 -0.15 -0.26	35.54 -0.07 -0.51	36.53 0.07 -0.49	35.91 0.18 -0.53	36.38 0.00 -0.42	36.26 -0.07 -0.42	40.30 0.16 -0.42	44.23 0.18 0.00	45.31 0.00 0.00	44.82 -0.04 0.00	41.20 0.00 0.00	35.24 -0.11 -0.08	33.00 0.20 0.00	31.57 0.22 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.27 1.98 -2.42	30.47 1.70 -0.45	29.28 1.46 -2.16	27.82 1.37 -1.50	29.10 1.48 -1.61	34.32 1.61 -4.52	38.36 2.05 -2.13	41.67 2.43 -0.77	40.55 2.30 0.00	39.93 2.08 -1.99	38.57 2.11 0.00	40.49 2.04 -3.35	38.50 2.05 -0.48	38.79 2.01 -1.58	38.33 2.08 -0.29	38.79 2.12 -0.76	43.52 2.50 -1.30	46.96 2.91 0.00	48.25 2.94 0.00	47.78 2.91 0.00	43.75 2.56 0.00	39.43 2.15 -2.01	35.41 1.74 -0.87	33.11 1.75 0.00
PJM_GEN_VFT_PROXY 323633	32.48 1.60 -0.01	29.60 1.28 0.00	26.76 1.10 0.00	25.97 1.02 0.00	27.13 1.12 0.00	29.43 1.24 0.00	35.79 1.61 -0.01	40.42 1.92 -0.03	41.69 1.80 -1.64	38.89 1.62 -1.41	41.75 1.60 -3.70	43.92 1.54 -7.27	43.83 1.55 -6.32	43.57 1.51 -6.86	41.73 1.62 -4.15	43.57 1.62 -6.05	47.71 1.95 -6.05	46.36 2.29 -0.02	47.63 2.31 -0.01	47.16 2.29 -0.01	43.18 1.98 -0.01	38.16 1.73 -1.17	34.12 1.31 -0.01	32.71 1.35 -0.01
PLATSBURG_115KV_PMLD1 355749	8.72 -2.13 20.02	8.22 -1.76 18.34	9.04 -1.51 15.10	9.76 -1.42 13.77	9.79 -1.46 14.77	9.80 -1.58 16.82	20.04 -1.78 12.36	21.73 -2.00 14.74	36.42 -1.84 0.00	34.06 -1.79 0.01	28.90 -1.86 5.69	19.96 -1.86 13.28	29.03 -1.87 5.07	29.18 -2.04 3.98	27.67 -1.98 6.30	30.81 -1.97 3.12	36.79 -2.14 0.78	17.71 -2.38 23.96	13.16 -2.67 29.47	13.96 -2.56 28.35	11.87 -2.55 26.77	9.98 -2.29 22.99	9.61 -2.13 21.06	8.87 -2.19 20.29
PLEASANTVLY___LBMP 24000	32.11 1.23 0.00	29.40 1.08 0.00	26.58 0.92 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.24 1.04 0.00	35.41 1.23 0.00	39.93 1.46 0.00	39.55 1.30 0.00	37.01 1.15 0.00	37.62 1.17 0.00	36.19 1.09 0.00	37.16 1.08 -0.11	36.39 1.06 -0.13	37.39 1.11 -0.32	37.06 1.15 0.00	41.11 1.39 0.00	45.77 1.72 0.00	47.12 1.81 0.00	46.62 1.75 0.00	42.64 1.44 0.00	36.53 1.27 0.00	33.75 0.95 0.00	32.39 1.03 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.42 1.54 0.00	29.62 1.30 0.00	26.76 1.10 0.00	26.00 1.05 0.00	27.16 1.14 0.00	29.43 1.24 0.00	35.75 1.57 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.40 1.54 0.00	38.02 1.57 0.00	36.61 1.51 0.00	37.58 1.51 -0.10	36.80 1.48 -0.11	37.79 1.55 -0.29	37.49 1.58 0.00	41.54 1.83 0.00	46.30 2.25 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.09 1.90 0.00	36.92 1.66 0.00	34.05 1.25 0.00	32.67 1.32 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.42 1.54 0.00	29.62 1.30 0.00	26.76 1.10 0.00	26.00 1.05 0.00	27.16 1.14 0.00	29.43 1.24 0.00	35.75 1.57 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.40 1.54 0.00	38.02 1.57 0.00	36.61 1.51 0.00	37.58 1.51 -0.10	36.80 1.48 -0.11	37.79 1.55 -0.29	37.49 1.58 0.00	41.54 1.83 0.00	46.30 2.25 0.00	47.62 2.31 0.00	47.11 2.24 0.00	43.09 1.90 0.00	36.92 1.66 0.00	34.05 1.25 0.00	32.67 1.32 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.29 1.42 0.00	29.54 1.22 0.00	26.71 1.05 0.00	25.97 1.02 0.00	27.11 1.09 0.00	29.38 1.18 0.00	35.61 1.44 0.00	40.16 1.69 0.00	39.78 1.53 0.00	37.22 1.36 0.00	37.84 1.39 0.00	36.40 1.30 0.00	37.26 1.29 0.00	36.40 1.20 0.00	37.29 1.33 0.00	37.24 1.33 0.00	41.35 1.63 0.00	46.03 1.98 0.00	47.39 2.08 0.00	46.88 2.02 0.00	42.93 1.73 0.00	36.71 1.45 0.00	33.88 1.08 0.00	32.54 1.19 0.00
POLETTI___ 23519	32.67 1.79 -0.01	29.77 1.44 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.32 1.30 0.00	29.60 1.41 0.00	36.03 1.85 -0.01	40.65 2.15 -0.03	41.89 2.03 -1.61	39.08 1.83 -1.39	41.95 1.86 -3.64	44.01 1.76 -7.15	43.98 1.80 -6.21	43.67 1.72 -6.75	41.84 1.80 -4.09	43.69 1.83 -5.95	47.81 2.14 -5.95	46.62 2.55 -0.02	47.95 2.63 -0.01	47.43 2.56 -0.01	43.43 2.22 -0.01	38.32 1.90 -1.15	34.32 1.51 -0.01	32.93 1.57 -0.01
POMONA___ESR 323819	32.38 1.51 0.00	29.60 1.28 0.00	26.65 1.00 0.00	25.87 0.92 0.00	27.03 1.01 0.00	29.32 1.13 0.00	35.58 1.40 0.00	40.16 1.69 0.00	39.86 1.61 0.00	37.30 1.44 0.00	37.91 1.46 0.00	36.51 1.41 0.00	37.46 1.40 -0.09	36.64 1.34 -0.10	37.66 1.44 -0.27	37.35 1.44 0.00	41.51 1.79 0.00	46.12 2.07 0.00	47.44 2.13 0.00	46.93 2.06 0.00	42.97 1.77 0.00	36.78 1.52 0.00	33.92 1.12 0.00	32.54 1.19 0.00
PORT_JEFF_3 23555	35.08 1.79 -2.42	30.27 1.50 -0.45	29.20 1.38 -2.16	27.70 1.25 -1.50	28.95 1.33 -1.61	34.23 1.52 -4.52	38.33 2.02 -2.13	41.78 2.54 -0.77	40.66 2.41 0.00	40.00 2.15 -1.99	38.82 2.37 0.00	40.70 2.25 -3.35	38.68 2.23 -0.48	39.04 2.25 -1.58	38.62 2.37 -0.29	39.11 2.44 -0.76	43.67 2.66 -1.30	47.27 3.21 0.00	48.57 3.26 0.00	48.05 3.19 0.00	44.20 3.01 0.00	39.68 2.40 -2.01	35.35 1.67 -0.87	33.08 1.72 0.00

PORT_JEFF_4 23616	35.08 1.79 -2.42	30.27 1.50 -0.45	29.20 1.38 -2.16	27.70 1.25 -1.50	28.95 1.33 -1.61	34.23 1.52 -4.52	38.33 2.02 -2.13	41.78 2.54 -0.77	40.66 2.41 0.00	40.00 2.15 -1.99	38.82 2.37 0.00	40.70 2.25 -3.35	38.68 2.23 -0.48	39.04 2.25 -1.58	38.62 2.37 -0.29	39.11 2.44 -0.76	43.67 2.66 -1.30	47.27 3.21 0.00	48.57 3.26 0.00	48.05 3.19 0.00	44.20 3.01 0.00	39.68 2.40 -2.01	35.35 1.67 -0.87	33.08 1.72 0.00
PORT_JEFF_IC 23713	35.08 1.79 -2.42	30.27 1.50 -0.45	29.20 1.39 -2.16	27.70 1.25 -1.50	28.95 1.33 -1.61	34.20 1.49 -4.52	38.33 2.02 -2.13	41.78 2.54 -0.77	40.66 2.41 0.00	39.97 2.12 -1.99	38.75 2.30 0.00	40.70 2.25 -3.35	38.65 2.19 -0.48	39.03 2.25 -1.58	38.47 2.23 -0.29	39.11 2.44 -0.76	43.91 2.90 -1.30	47.66 3.61 0.00	49.02 3.72 0.00	48.59 3.72 0.00	43.92 2.72 0.00	39.78 2.50 -2.01	35.45 1.77 -0.87	33.08 1.72 0.00
PPL PILGRIM_ST_GT1 24216	35.33 2.04 -2.42	30.44 1.67 -0.45	29.33 1.51 -2.16	27.85 1.40 -1.50	29.13 1.51 -1.61	34.40 1.69 -4.52	38.50 2.19 -2.13	41.93 2.69 -0.77	40.82 2.56 0.00	40.15 2.30 -1.99	38.93 2.48 0.00	40.84 2.39 -3.35	38.83 2.37 -0.48	39.14 2.36 -1.58	38.72 2.48 -0.29	39.18 2.51 -0.76	43.79 2.78 -1.30	47.31 3.26 0.00	48.62 3.31 0.00	48.14 3.27 0.00	44.29 3.09 0.00	39.85 2.57 -2.01	35.51 1.84 -0.87	33.23 1.88 0.00
PPL PILGRIM_ST_GT2 24217	35.33 2.04 -2.42	30.44 1.67 -0.45	29.33 1.51 -2.16	27.85 1.40 -1.50	29.13 1.51 -1.61	34.40 1.69 -4.52	38.50 2.19 -2.13	41.93 2.69 -0.77	40.82 2.56 0.00	40.15 2.30 -1.99	38.93 2.48 0.00	40.84 2.39 -3.35	38.83 2.37 -0.48	39.14 2.36 -1.58	38.72 2.48 -0.29	39.18 2.51 -0.76	43.79 2.78 -1.30	47.31 3.26 0.00	48.62 3.31 0.00	48.14 3.27 0.00	44.29 3.09 0.00	39.85 2.57 -2.01	35.51 1.84 -0.87	33.23 1.88 0.00
PPL_SHRM_GT3 24213	34.13 0.83 -2.42	28.06 0.60 0.86	28.48 0.67 -2.16	26.93 0.47 -1.50	28.14 0.52 -1.61	33.38 0.68 -4.52	37.33 1.02 -2.13	40.74 1.50 -0.77	39.67 1.42 0.00	39.00 1.15 -1.99	37.84 1.38 0.00	39.72 1.26 -3.35	37.71 1.26 -0.48	38.08 1.30 -1.58	37.72 1.47 -0.29	38.28 1.62 -0.76	42.92 1.91 -1.30	46.47 2.42 0.00	47.80 2.49 0.00	47.29 2.42 0.00	43.30 2.10 0.00	38.97 1.69 -2.01	34.43 0.76 -0.87	32.23 0.88 0.00
PPL_SHRM_GT4 24214	34.13 0.83 -2.42	28.06 0.60 0.86	28.48 0.67 -2.16	26.93 0.47 -1.50	28.14 0.52 -1.61	33.38 0.68 -4.52	37.33 1.02 -2.13	40.74 1.50 -0.77	39.67 1.42 0.00	39.00 1.15 -1.99	37.84 1.38 0.00	39.72 1.26 -3.35	37.71 1.26 -0.48	38.08 1.30 -1.58	37.72 1.47 -0.29	38.28 1.62 -0.76	42.92 1.91 -1.30	46.47 2.42 0.00	47.80 2.49 0.00	47.29 2.42 0.00	43.30 2.10 0.00	38.97 1.69 -2.01	34.43 0.76 -0.87	32.23 0.88 0.00
PROJECT___ORANGE 1 24174	31.06 0.19 0.00	28.43 0.11 0.00	25.76 0.10 0.00	25.08 0.12 0.00	26.15 0.13 0.00	28.36 0.17 0.00	34.49 0.31 0.00	38.85 0.38 0.00	38.60 0.34 0.00	36.22 0.36 0.00	36.89 0.44 0.00	35.56 0.46 0.00	36.47 0.50 0.00	35.73 0.53 0.00	36.46 0.50 0.00	36.34 0.43 0.00	40.23 0.52 0.00	44.58 0.53 0.00	45.81 0.50 0.00	45.31 0.45 0.00	41.61 0.41 0.00	35.65 0.39 0.00	33.29 0.49 0.00	31.70 0.34 0.00
PROJECT___ORANGE 2 24166	31.06 0.19 0.00	28.43 0.11 0.00	25.76 0.10 0.00	25.08 0.12 0.00	26.15 0.13 0.00	28.36 0.17 0.00	34.49 0.31 0.00	38.85 0.38 0.00	38.60 0.34 0.00	36.22 0.36 0.00	36.89 0.44 0.00	35.56 0.46 0.00	36.47 0.50 0.00	35.73 0.53 0.00	36.46 0.50 0.00	36.34 0.43 0.00	40.23 0.52 0.00	44.58 0.53 0.00	45.81 0.50 0.00	45.31 0.45 0.00	41.61 0.41 0.00	35.65 0.39 0.00	33.29 0.49 0.00	31.70 0.34 0.00
PUCKETT___SOLAR 323809	31.43 0.56 0.00	28.77 0.45 0.00	26.09 0.44 0.00	25.37 0.42 0.00	26.48 0.47 0.00	28.79 0.59 0.00	35.07 0.89 0.00	39.47 1.00 0.00	39.09 0.84 0.00	36.76 0.90 0.00	37.33 0.87 0.00	35.98 0.88 0.00	36.94 0.97 0.00	36.22 1.02 0.00	36.93 0.97 0.00	36.81 0.90 0.00	40.95 1.23 0.00	45.46 1.41 0.00	46.76 1.45 0.00	46.21 1.34 0.00	42.43 1.23 0.00	36.25 0.99 0.00	33.95 1.15 0.00	32.33 0.97 0.00
PYRITES___HYD 24023	13.94 -0.40 16.53	12.83 -0.34 15.15	12.88 -0.31 12.47	13.28 -0.30 11.37	13.48 -0.34 12.20	13.99 -0.31 13.89	23.76 -0.21 10.21	26.10 -0.19 12.17	38.10 -0.15 0.00	35.71 -0.14 0.01	31.50 -0.26 4.70	23.82 -0.32 10.97	31.39 -0.40 4.18	31.53 -0.39 3.29	30.32 -0.43 5.21	32.83 -0.50 2.58	38.36 -0.71 0.64	23.07 -1.19 19.79	19.79 -1.18 24.34	20.42 -1.03 23.42	18.18 -0.91 22.11	15.54 -0.74 18.99	14.75 -0.66 17.39	14.06 -0.53 16.76
QUAKERRD_115KV_BK1 80622	29.67 -1.20 0.00	26.96 -1.36 0.00	24.53 -1.13 0.00	23.85 -1.10 0.00	24.82 -1.20 0.00	27.04 -1.16 0.00	32.85 -1.33 0.00	36.55 -1.92 0.00	36.42 -1.84 0.00	34.50 -1.36 0.00	35.21 -1.24 0.00	33.98 -1.12 0.00	35.11 -0.86 0.00	34.53 -0.67 0.00	34.95 -1.01 0.00	34.79 -1.11 0.00	38.64 -1.07 0.00	42.77 -1.28 0.00	43.77 -1.54 0.00	43.16 -1.70 0.00	39.88 -1.32 0.00	33.89 -1.38 0.00	32.38 -0.43 0.00	30.76 -0.60 0.00
QUEENSBRY_115KV_TB8 356137	32.97 2.10 0.00	30.25 1.93 0.00	27.45 1.80 0.00	26.67 1.72 0.00	27.81 1.80 0.00	30.25 2.06 0.00	36.61 2.43 0.00	41.09 2.62 0.00	40.89 2.64 0.00	38.34 2.47 0.00	38.97 2.52 0.00	37.53 2.42 0.00	38.21 2.34 0.09	37.17 2.08 0.11	37.88 2.19 0.27	38.28 2.37 0.00	42.42 2.70 0.00	47.49 3.44 0.00	48.98 3.67 0.00	48.45 3.59 0.00	44.29 3.09 0.00	37.77 2.50 0.00	34.90 2.10 0.00	33.36 2.01 0.00
RAMAPO___LBMP 323565	32.29 1.42 0.00	29.51 1.19 0.00	26.58 0.92 0.00	25.80 0.85 0.00	26.93 0.91 0.00	29.24 1.04 0.00	35.48 1.30 0.00	40.01 1.54 0.00	39.71 1.45 0.00	37.15 1.29 0.00	37.77 1.31 0.00	36.37 1.26 0.00	37.32 1.26 -0.09	36.50 1.20 -0.10	37.51 1.29 -0.26	37.20 1.29 0.00	41.27 1.55 0.00	45.95 1.89 0.00	47.26 1.95 0.00	46.75 1.88 0.00	42.80 1.61 0.00	36.64 1.38 0.00	33.79 0.98 0.00	32.45 1.10 0.00
RANKINE____ 23646	29.64 -1.23 0.00	26.85 -1.47 0.00	24.45 -1.21 0.00	23.78 -1.17 0.00	24.82 -1.20 0.00	27.12 -1.07 0.00	32.88 -1.30 0.00	36.32 -2.15 0.00	36.19 -2.07 0.00	34.25 -1.61 0.00	35.14 -1.31 0.00	33.98 -1.12 0.00	35.21 -0.76 0.00	34.82 -0.39 0.00	35.06 -0.90 0.00	34.65 -1.26 0.00	38.72 -0.99 0.00	42.73 -1.32 0.00	43.59 -1.72 0.00	43.03 -1.84 0.00	39.88 -1.32 0.00	33.75 -1.52 0.00	32.77 -0.03 0.00	31.20 -0.16 0.00
RAVENSWOOD_GT2_1 24244	32.64 1.76 -0.01	29.77 1.44 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.29 1.27 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.62 2.12 -0.03	41.90 1.99 -1.66	39.09 1.79 -1.43	42.03 1.82 -3.75	44.23 1.76 -7.37	44.14 1.76 -6.40	43.88 1.72 -6.95	41.96 1.80 -4.21	43.87 1.83 -6.13	47.99 2.14 -6.13	46.62 2.55 -0.02	47.90 2.58 -0.01	47.43 2.56 -0.01	43.39 2.18 -0.01	38.36 1.90 -1.19	34.32 1.51 -0.01	32.90 1.54 -0.01

RAVENSWOOD_GT2_2 24245	32.64 1.76 -0.01	29.77 1.44 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.29 1.27 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.62 2.12 -0.03	41.90 1.99 -1.66	39.09 1.79 -1.43	42.03 1.82 -3.75	44.23 1.76 -7.37	44.14 1.76 -6.40	43.88 1.72 -6.95	41.96 1.80 -4.21	43.87 1.83 -6.13	47.99 2.14 -6.13	46.62 2.55 -0.02	47.90 2.58 -0.01	47.43 2.56 -0.01	43.39 2.18 -0.01	38.36 1.90 -1.19	34.32 1.51 -0.01	32.90 1.54 -0.01
RAVENSWOOD_GT2_3 24246	32.67 1.79 -0.01	29.79 1.47 0.00	26.91 1.26 0.00	26.15 1.20 0.00	27.32 1.30 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.65 2.15 -0.03	41.94 2.03 -1.66	39.12 1.83 -1.43	42.06 1.86 -3.75	44.23 1.76 -7.37	44.17 1.80 -6.40	43.88 1.72 -6.95	41.96 1.80 -4.21	43.87 1.83 -6.13	47.99 2.14 -6.13	46.62 2.55 -0.02	47.95 2.63 -0.01	47.48 2.60 -0.01	43.43 2.22 -0.01	38.36 1.90 -1.19	34.32 1.51 -0.01	32.93 1.57 -0.01
RAVENSWOOD_GT2_4 24247	32.67 1.79 -0.01	29.79 1.47 0.00	26.91 1.26 0.00	26.15 1.20 0.00	27.32 1.30 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.65 2.15 -0.03	41.94 2.03 -1.66	39.12 1.83 -1.43	42.06 1.86 -3.75	44.23 1.76 -7.37	44.17 1.80 -6.40	43.88 1.72 -6.95	41.96 1.80 -4.21	43.87 1.83 -6.13	47.99 2.14 -6.13	46.62 2.55 -0.02	47.95 2.63 -0.01	47.48 2.60 -0.01	43.43 2.22 -0.01	38.36 1.90 -1.19	34.32 1.51 -0.01	32.93 1.57 -0.01
RAVENSWOOD_GT3_1 24248	32.64 1.76 -0.01	29.79 1.47 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.32 1.30 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.62 2.12 -0.03	41.90 1.99 -1.66	39.09 1.79 -1.43	42.03 1.82 -3.75	44.23 1.76 -7.37	44.14 1.76 -6.40	43.88 1.72 -6.95	41.96 1.80 -4.21	43.87 1.83 -6.13	47.99 2.14 -6.13	46.62 2.55 -0.02	47.90 2.58 -0.01	47.43 2.56 -0.01	43.39 2.18 -0.01	38.36 1.90 -1.19	34.32 1.51 -0.01	32.90 1.54 -0.01
RAVENSWOOD_GT3_2 24249	32.64 1.76 -0.01	29.79 1.47 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.32 1.30 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.62 2.12 -0.03	41.90 1.99 -1.66	39.09 1.79 -1.43	42.03 1.82 -3.75	44.23 1.76 -7.37	44.14 1.76 -6.40	43.88 1.72 -6.95	41.96 1.80 -4.21	43.87 1.83 -6.13	47.99 2.14 -6.13	46.62 2.55 -0.02	47.90 2.58 -0.01	47.43 2.56 -0.01	43.39 2.18 -0.01	38.36 1.90 -1.19	34.32 1.51 -0.01	32.90 1.54 -0.01
RAVENSWOOD_GT3_3 24250	32.70 1.82 -0.01	29.82 1.50 0.00	26.94 1.28 0.00	26.15 1.20 0.00	27.34 1.33 0.00	29.63 1.44 0.00	36.03 1.85 -0.01	40.69 2.19 -0.03	41.98 2.07 -1.66	39.16 1.86 -1.43	42.10 1.90 -3.75	44.30 1.83 -7.37	44.21 1.83 -6.40	43.91 1.76 -6.95	42.00 1.83 -4.21	43.91 1.87 -6.13	48.03 2.18 -6.13	46.67 2.60 -0.02	47.99 2.67 -0.01	47.52 2.65 -0.01	43.47 2.27 -0.01	38.39 1.94 -1.19	34.35 1.54 -0.01	32.96 1.60 -0.01
RAVENSWOOD_GT3_4 24251	32.70 1.82 -0.01	29.82 1.50 0.00	26.94 1.28 0.00	26.15 1.20 0.00	27.34 1.33 0.00	29.63 1.44 0.00	36.03 1.85 -0.01	40.69 2.19 -0.03	41.98 2.07 -1.66	39.16 1.86 -1.43	42.10 1.90 -3.75	44.30 1.83 -7.37	44.21 1.83 -6.40	43.91 1.76 -6.95	42.00 1.83 -4.21	43.91 1.87 -6.13	48.03 2.18 -6.13	46.67 2.60 -0.02	47.99 2.67 -0.01	47.52 2.65 -0.01	43.47 2.27 -0.01	38.39 1.94 -1.19	34.35 1.54 -0.01	32.96 1.60 -0.01
RAVENSWOOD_GT_1 23729	32.76 1.88 -0.01	29.88 1.56 0.00	27.01 1.36 0.00	26.22 																				

RAVENSWOOD_GT_9 24257	32.64 1.76 -0.01	29.77 1.44 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.29 1.27 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.62 2.12 -0.03	41.90 1.99 -1.66	39.09 1.79 -1.43	42.03 1.82 -3.75	44.23 1.76 -7.37	44.14 1.76 -6.40	43.88 1.72 -6.95	41.96 1.80 -4.21	43.87 1.83 -6.13	47.99 2.14 -6.13	46.62 2.55 -0.02	47.90 2.58 -0.01	47.43 2.56 -0.01	43.39 2.18 -0.01	38.36 1.90 -1.19	34.32 1.51 -0.01	32.90 1.54 -0.01
RAVENSWOOD___1 23533	32.73 1.85 -0.01	29.85 1.53 0.00	27.01 1.36 0.00	26.20 1.25 0.00	27.39 1.38 0.00	29.66 1.47 0.00	36.00 1.81 -0.01	40.61 2.11 -0.03	41.93 1.99 -1.69	39.11 1.79 -1.46	42.12 1.86 -3.81	44.34 1.75 -7.49	44.23 1.76 -6.50	43.99 1.72 -7.06	42.06 1.83 -4.27	43.97 1.83 -6.23	48.17 2.22 -6.23	46.62 2.55 -0.02	47.99 2.67 -0.01	47.43 2.56 -0.01	43.43 2.22 -0.01	38.37 1.90 -1.21	34.35 1.54 -0.01	32.99 1.63 -0.01
RAVENSWOOD___2 23534	32.73 1.85 -0.01	29.82 1.50 0.00	26.99 1.33 0.00	26.20 1.25 0.00	27.37 1.35 0.00	29.63 1.44 0.00	36.00 1.81 -0.01	40.58 2.08 -0.03	41.93 1.99 -1.69	39.07 1.76 -1.46	42.08 1.82 -3.81	44.34 1.75 -7.49	44.23 1.76 -6.50	43.99 1.72 -7.06	42.02 1.80 -4.27	43.93 1.79 -6.23	48.13 2.18 -6.23	46.62 2.55 -0.02	47.94 2.63 -0.01	47.43 2.56 -0.01	43.43 2.22 -0.01	38.34 1.87 -1.21	34.32 1.51 -0.01	32.96 1.60 -0.01
RAVENSWOOD___3 23535	32.64 1.76 -0.01	29.76 1.44 0.00	26.94 1.28 0.00	26.12 1.17 0.00	27.32 1.30 0.00	29.60 1.41 0.00	36.00 1.81 -0.01	40.61 2.11 -0.03	41.97 2.03 -1.69	39.11 1.79 -1.46	42.12 1.86 -3.81	44.34 1.75 -7.49	44.23 1.76 -6.50	43.99 1.72 -7.06	42.06 1.83 -4.27	43.97 1.83 -6.23	48.13 2.18 -6.23	46.62 2.55 -0.02	47.94 2.63 -0.01	47.43 2.56 -0.01	43.43 2.22 -0.01	38.37 1.90 -1.21	34.32 1.51 -0.01	32.90 1.54 -0.01
RAVENSWOOD___4 23820	32.70 1.82 -0.01	29.82 1.50 0.00	26.99 1.33 0.00	26.17 1.22 0.00	27.37 1.35 0.00	29.63 1.44 0.00	36.00 1.81 -0.01	40.58 2.08 -0.03	41.89 1.95 -1.69	39.07 1.76 -1.46	42.08 1.82 -3.81	44.31 1.72 -7.49	44.23 1.76 -6.50	43.95 1.69 -7.06	42.02 1.80 -4.27	43.93 1.79 -6.23	48.13 2.18 -6.23	46.58 2.51 -0.02	47.94 2.63 -0.01	47.43 2.56 -0.01	43.39 2.18 -0.01	38.34 1.87 -1.21	34.32 1.51 -0.01	32.96 1.60 -0.01
RCPL_TRUST___DRP 24196	32.70 1.82 -0.01	29.82 1.50 0.00	26.91 1.26 0.00	26.12 1.17 0.00	27.32 1.30 0.00	29.60 1.41 0.00	36.03 1.85 -0.01	40.69 2.19 -0.03	41.87 2.07 -1.56	39.07 1.86 -1.34	41.86 1.90 -3.51	43.83 1.83 -6.90	43.84 1.87 -6.00	43.52 1.87 -6.52	41.78 1.87 -3.96	43.56 1.90 -5.74	47.68 2.22 -5.74	46.71 2.64 -0.01	47.99 2.67 -0.01	47.47 2.60 -0.01	43.43 2.22 -0.01	38.32 1.94 -1.11	34.32 1.51 -0.01	32.90 1.54 -0.01
RED___ROCHESTER 323720	30.28 -0.59 0.00	27.53 -0.79 0.00	25.01 -0.64 0.00	24.33 -0.62 0.00	25.31 -0.70 0.00	27.57 -0.62 0.00	33.53 -0.65 0.00	37.24 -1.23 0.00	37.11 -1.15 0.00	35.18 -0.68 0.00	35.94 -0.51 0.00	34.72 -0.39 0.00	35.90 -0.07 0.00	35.27 0.07 0.00	35.67 -0.29 0.00	35.58 -0.32 0.00	39.48 -0.24 0.00	43.79 -0.26 0.00	44.68 -0.63 0.00	44.15 -0.72 0.00	40.70 -0.49 0.00	34.63 -0.63 0.00	33.20 0.40 0.00	31.48 0.13 0.00
REGAN___SOLAR 323812	33.31 2.44 0.00	30.53 2.21 0.00	27.68 2.03 0.00	26.90 1.95 0.00	28.07 2.05 0.00	30.56 2.37 0.00	37.05 2.87 0.00	41.43 2.96 0.00	41.24 2.99 0.00	38.45 2.58 0.00	38.97 2.51 0.00	37.53 2.42 0.00	38.24 2.34 0.06	37.35 2.22 0.07	38.18 2.41 0.19	38.57 2.66 0.00	42.97 3.26 0.00	48.02 3.97 0.00	49.57 4.26 0.00	49.08 4.22 0.00	44.82 3.63 0.00	38.26 3.00 0.00	35.43 2.63 0.00	33.77 2.41 0.00
RENSSELAER___COGEN 23796	31.24 0.37 0.00	28.69 0.37 0.00	26.04 0.39 0.00	25.33 0.37 0.00	26.41 0.39 0.00	28.62 0.42 0.00	34.59 0.41 0.00	38.93 0.46 0.00	38.56 0.30 0.00	36.08 0.22 0.00	36.64 0.18 0.00	35.25 0.14 0.00	35.99 0.11 0.09	35.14 0.04 0.10	35.81 0.11 0.25	36.09 0.18 0.00	40.03 0.32 0.00	44.58 0.53 0.00	45.99 0.68 0.00	45.45 0.58 0.00	41.61 0.41 0.00	35.58 0.32 0.00	32.97 0.16 0.00	31.60 0.25 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.30 3.43 0.00	31.44 3.12 0.00	28.53 2.87 0.00	27.72 2.77 0.00	28.88 2.86 0.00	31.52 3.33 0.00	38.14 3.96 0.00	42.70 4.23 0.00	42.61 4.36 0.00	40.02 4.16 0.00	40.72 4.27 0.00	39.25 4.14 0.00	39.87 3.99 0.10	38.65 3.56 0.11	39.42 3.74 0.28	39.86 3.95 0.00	44.17 4.45 0.00	49.60 5.55 0.00	51.25 5.94 0.00	50.70 5.83 0.00	46.22 5.03 0.00	39.36 4.09 0.00	36.31 3.51 0.00	34.61 3.26 0.00
REVERE_CPWR_DRP 24186	31.44 1.20 0.64	28.81 1.08 0.58	26.12 0.95 0.48	25.44 0.92 0.44	26.51 0.96 0.47	28.79 1.13 0.54	35.36 1.57 0.39	39.73 1.73 0.47	39.90 1.64 0.00	37.58 1.72 0.00	37.91 1.64 0.18	36.30 1.61 0.42	37.39 1.58 0.16	36.70 1.62 0.13	37.41 1.65 0.20	37.32 1.51 0.10	41.48 1.79 0.02	45.23 1.94 0.76	46.54 2.17 0.94	46.07 2.11 0.90	42.24 1.90 0.85	36.15 1.62 0.73	33.64 1.51 0.67	32.02 1.32 0.65
REYNOLDS_115KV_TB3 80639	31.55 0.68 0.00	28.97 0.65 0.00	26.30 0.64 0.00	25.57 0.62 0.00	26.67 0.65 0.00	28.90 0.70 0.00	34.90 0.72 0.00	39.32 0.85 0.00	38.90 0.65 0.00	36.40 0.54 0.00	36.96 0.51 0.00	35.56 0.46 0.00	36.26 0.40 0.10	35.44 0.35 0.12	36.05 0.40 0.30	36.37 0.47 0.00	40.35 0.64 0.00	44.98 0.93 0.00	46.40 1.09 0.00	45.85 0.99 0.00	41.98 0.78 0.00	35.90 0.63 0.00	33.26 0.46 0.00	31.89 0.53 0.00
RIVERBAY____ 323610	33.13 2.25 -0.01	30.25 1.93 0.00	27.32 1.67 0.00	26.55 1.60 0.00	27.73 1.72 0.00	30.00 1.80 0.00	36.20 2.02 -0.01	40.73 2.23 -0.03	42.06 2.14 -1.66	39.16 1.86 -1.43	42.17 1.97 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.03 1.87 -4.21	43.94 1.90 -6.13	48.11 2.26 -6.13	46.75 2.69 -0.02	48.35 3.04 -0.01	47.70 2.83 -0.01	43.55 2.35 -0.01	38.46 2.01 -1.19	34.58 1.77 -0.01	33.30 1.94 -0.01
RIVERSIDE_115KV_TB3 55908	31.33 0.46 0.00	28.80 0.48 0.00	26.12 0.46 0.00	25.40 0.45 0.00	26.48 0.47 0.00	28.70 0.51 0.00	34.69 0.51 0.00	39.08 0.62 0.00	38.67 0.42 0.00	36.22 0.36 0.00	36.78 0.33 0.00	35.39 0.28 0.00	36.13 0.25 0.09	35.28 0.18 0.10	35.95 0.25 0.26	36.23 0.32 0.00	40.15 0.44 0.00	44.76 0.70 0.00	46.17 0.86 0.00	45.63 0.76 0.00	41.77 0.58 0.00	35.72 0.46 0.00	33.06 0.26 0.00	31.70 0.34 0.00
ROARING___BROOK_WT_PWR 323790	0.00 -1.85 29.02	0.00 -1.73 26.59	2.20 -1.57 21.89	3.47 -1.52 19.96	3.02 -1.59 21.41	2.06 -1.75 24.38	14.14 -2.12 17.92	14.75 -2.35 21.37	36.00 -2.26 0.00	33.73 -2.12 0.01	26.05 -2.15 8.25	13.77 -2.07 19.26	26.50 -2.12 7.35	27.35 -2.08 5.77	24.77 -2.05 9.14	29.37 -2.01 4.53	36.28 -2.30 1.13	6.72 -2.60 34.74	0.00 -2.58 42.73	1.12 -2.65 41.10	0.00 -2.39 38.81	0.00 -1.94 33.33	0.21 -2.07 30.53	0.00 -1.94 29.41

ROCHESRG_115KV_T4 355643	30.04 -0.83 0.00	27.27 -1.05 0.00	24.83 -0.82 0.00	24.13 -0.82 0.00	25.13 -0.88 0.00	27.38 -0.82 0.00	33.22 -0.96 0.00	36.89 -1.58 0.00	36.72 -1.53 0.00	34.79 -1.08 0.00	35.54 -0.91 0.00	34.30 -0.81 0.00	35.47 -0.50 0.00	34.92 -0.28 0.00	35.31 -0.65 0.00	35.12 -0.79 0.00	39.00 -0.71 0.00	43.21 -0.84 0.00	44.18 -1.13 0.00	43.56 -1.30 0.00	40.29 -0.91 0.00	34.21 -1.06 0.00	32.80 0.00 0.00	31.16 -0.19 0.00
ROCHESTER_9_IC 23652	30.16 -0.71 0.00	27.39 -0.93 0.00	24.94 -0.72 0.00	24.23 -0.72 0.00	25.23 -0.78 0.00	27.49 -0.70 0.00	33.39 -0.79 0.00	37.08 -1.38 0.00	36.95 -1.30 0.00	35.04 -0.82 0.00	35.76 -0.69 0.00	34.54 -0.56 0.00	35.68 -0.29 0.00	35.13 -0.07 0.00	35.56 -0.40 0.00	35.37 -0.54 0.00	39.28 -0.44 0.00	43.52 -0.53 0.00	44.49 -0.82 0.00	43.88 -0.99 0.00	40.58 -0.62 0.00	34.45 -0.81 0.00	33.03 0.23 0.00	31.35 0.00 0.00
ROCKVIEW_13_KV_LD 356306	32.57 1.70 0.00	29.74 1.42 0.00	26.86 1.21 0.00	26.07 1.12 0.00	27.24 1.22 0.00	29.55 1.35 0.00	35.92 1.74 0.00	40.55 2.08 0.00	40.24 1.99 0.00	37.62 1.76 0.00	38.28 1.82 0.00	36.82 1.72 0.00	37.83 1.76 -0.10	37.01 1.69 -0.11	38.01 1.76 -0.29	37.70 1.80 0.00	41.82 2.11 0.00	46.56 2.51 0.00	47.85 2.54 0.00	47.38 2.51 0.00	43.34 2.14 0.00	37.13 1.87 0.00	34.21 1.41 0.00	32.80 1.44 0.00
ROME____115KV_TB2 80656	31.44 1.20 0.64	28.81 1.08 0.58	26.12 0.95 0.48	25.44 0.92 0.44	26.51 0.96 0.47	28.79 1.13 0.54	35.36 1.57 0.39	39.73 1.73 0.47	39.90 1.64 0.00	37.58 1.72 0.00	37.91 1.64 0.18	36.30 1.61 0.42	37.39 1.58 0.16	36.70 1.62 0.13	37.41 1.65 0.20	37.32 1.51 0.10	41.48 1.79 0.02	45.23 1.94 0.76	46.54 2.17 0.94	46.07 2.11 0.90	42.24 1.90 0.85	36.15 1.62 0.73	33.64 1.51 0.67	32.02 1.32 0.65
ROSETON___1 23587	32.11 1.24 0.00	29.37 1.05 0.00	26.55 0.90 0.00	25.80 0.85 0.00	26.93 0.91 0.00	29.18 0.99 0.00	35.37 1.20 0.00	39.89 1.42 0.00	39.55 1.30 0.00	37.01 1.15 0.00	37.62 1.17 0.00	36.19 1.09 0.00	37.14 1.08 -0.09	36.36 1.06 -0.10	37.37 1.15 -0.26	37.06 1.15 0.00	41.14 1.43 0.00	45.77 1.72 0.00	47.07 1.77 0.00	46.57 1.70 0.00	42.68 1.48 0.00	36.50 1.23 0.00	33.72 0.92 0.00	32.36 1.00 0.00
ROSETON___2 23588	32.11 1.24 0.00	29.37 1.05 0.00	26.55 0.90 0.00	25.80 0.85 0.00	26.93 0.91 0.00	29.18 0.99 0.00	35.37 1.20 0.00	39.89 1.42 0.00	39.55 1.30 0.00	37.01 1.15 0.00	37.62 1.17 0.00	36.19 1.09 0.00	37.14 1.08 -0.09	36.36 1.06 -0.10	37.37 1.15 -0.26	37.06 1.15 0.00	41.14 1.43 0.00	45.77 1.72 0.00	47.07 1.77 0.00	46.57 1.70 0.00	42.68 1.48 0.00	36.50 1.23 0.00	33.72 0.92 0.00	32.36 1.00 0.00
ROTRDAM_115KV_TB3 80664	31.83 0.96 0.00	29.23 0.91 0.00	26.50 0.85 0.00	25.77 0.82 0.00	26.87 0.86 0.00	29.12 0.93 0.00	35.24 1.06 0.00	39.62 1.15 0.00	39.29 1.03 0.00	36.76 0.90 0.00	37.36 0.91 0.00	35.95 0.84 0.00	36.72 0.83 0.07	35.86 0.74 0.08	36.57 0.83 0.21	36.81 0.90 0.00	40.83 1.11 0.00	45.46 1.41 0.00	46.85 1.54 0.00	46.35 1.48 0.00	42.43 1.24 0.00	36.32 1.06 0.00	33.65 0.85 0.00	32.20 0.85 0.00
RUSSELL___1 23602	30.29 -0.59 0.00	27.47 -0.85 0.00	25.01 -0.64 0.00	24.33 -0.62 0.00	25.31 -0.70 0.00	27.60 -0.59 0.00	33.53 -0.65 0.00	37.24 -1.23 0.00	37.11 -1.15 0.00	35.18 -0.68 0.00	35.94 -0.51 0.00	34.72 -0.39 0.00	35.90 -0.07 0.00	35.34 0.14 0.00	35.74 -0.22 0.00	35.58 -0.32 0.00	39.52 -0.20 0.00	43.79 -0.26 0.00	44.77 -0.54 0.00	44.15 -0.72 0.00	40.79 -0.41 0.00	34.63 -0.63 0.00	33.20 0.39 0.00	31.48 0.13 0.00
RUSSELL___2 23532	30.29 -0.59 0.00	27.47 -0.85 0.00	25.01 -0.64 0.00	24.33 -0.62 0.00	25.31 -0.70 0.00	27.60 -0.59 0.00	33.53 -0.65 0.00	37.24 -1.23 0.00	37.11 -1.15 0.00	35.18 -0.68 0.00	35.94 -0.51 0.00	34.72 -0.39 0.00	35.90 -0.07 0.00	35.34 0.14 0.00	35.74 -0.22 0.00	35.58 -0.32 0.00	39.52 -0.20 0.00	43.79 -0.26 0.00	44.77 -0.54 0.00	44.15 -0.72 0.00	40.79 -0.41 0.00	34.63 -0.63 0.00	33.20 0.39 0.00	31.48 0.13 0.00
RUSSELL___3 23549	30.29 -0.59 0.00	27.47 -0.85 0.00	25.01 -0.64 0.00	24.33 -0.62 0.00	25.31 -0.70 0.00	27.60 -0.59 0.00	33.53 -0.65 0.00	37.24 -1.23 0.00	37.11 -1.15 0.00	35.18 -0.68 0.00	35.94 -0.51 0.00	34.72 -0.39 0.00	35.90 -0.07 0.00	35.34 0.14 0.00	35.74 -0.22 0.00	35.58 -0.32 0.00	39.52 -0.20 0.00	43.79 -0.26 0.00	44.77 -0.54 0.00	44.15 -0.72 0.00	40.79 -0.41 0.00	34.63 -0.63 0.00	33.20 0.39 0.00	31.48 0.13 0.00
RUSSELL___4 23556	30.29 -0.59 0.00	27.47 -0.85 0.00	25.01 -0.64 0.00	24.33 -0.62 0.00	25.31 -0.70 0.00	27.60 -0.59 0.00	33.53 -0.65 0.00	37.24 -1.23 0.00	37.11 -1.15 0.00	35.18 -0.68 0.00	35.94 -0.51 0.00	34.72 -0.39 0.00	35.90 -0.07 0.00	35.34 0.14 0.00	35.74 -0.22 0.00	35.58 -0.32 0.00	39.52 -0.20 0.00	43.79 -0.26 0.00	44.77 -0.54 0.00	44.15 -0.72 0.00	40.79 -0.41 0.00	34.63 -0.63 0.00	33.20 0.39 0.00	31.48 0.13 0.00
RUSSELL___STATION 23914	30.29 -0.59 0.00	27.47 -0.85 0.00	25.01 -0.64 0.00	24.33 -0.62 0.00	25.31 -0.70 0.00	27.60 -0.59 0.00	33.53 -0.65 0.00	37.24 -1.23 0.00	37.11 -1.15 0.00	35.18 -0.68 0.00	35.94 -0.51 0.00	34.72 -0.39 0.00	35.90 -0.07 0.00	35.34 0.14 0.00	35.74 -0.22 0.00	35.58 -0.32 0.00	39.52 -0.20 0.00	43.79 -0.26 0.00	44.77 -0.54 0.00	44.15 -0.72 0.00	40.79 -0.41 0.00	34.63 -0.63 0.00	33.20 0.39 0.00	31.48 0.13 0.00
S SALMON___HYD 24043	29.79 0.62 1.70	27.30 0.54 1.56	24.84 0.46 1.28	24.23 0.45 1.17	25.25 0.49 1.25	27.39 0.62 1.43	34.09 0.96 1.05	38.33 1.12 1.25	39.29 1.03 0.00	36.90 1.04 0.00	36.88 0.91 0.48	34.86 0.88 1.13	36.47 0.93 0.43	35.78 0.91 0.34	36.32 0.90 0.53	36.43 0.79 0.26	40.64 0.99 0.07	42.99 0.97 2.03	43.94 1.13 2.50	43.53 1.08 2.41	39.96 1.03 2.27	34.27 0.95 1.95	32.06 1.05 1.79	30.45 0.81 1.72
S.PERRY__115KV_TB1 80734	30.66 -0.22 0.00	27.78 -0.54 0.00	25.32 -0.33 0.00	24.60 -0.35 0.00	25.62 -0.39 0.00	28.02 -0.17 0.00	34.21 0.03 0.00	38.24 -0.23 0.00	37.95 -0.31 0.00	35.72 -0.14 0.00	36.34 -0.11 0.00	35.03 -0.07 0.00	36.22 0.25 0.00	35.77 0.56 0.00	36.28 0.32 0.00	36.16 0.25 0.00	40.39 0.68 0.00	44.93 0.88 0.00	46.17 0.86 0.00	45.58 0.72 0.00	42.06 0.87 0.00	35.69 0.42 0.00	34.15 1.34 0.00	32.33 0.97 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.48 -1.39 0.00	26.68 -1.64 0.00	24.30 -1.36 0.00	23.63 -1.32 0.00	24.66 -1.35 0.00	26.92 -1.27 0.00	32.61 -1.57 0.00	35.89 -2.58 0.00	35.77 -2.49 0.00	33.89 -1.97 0.00	34.70 -1.75 0.00	33.60 -1.51 0.00	34.82 -1.15 0.00	34.36 -0.84 0.00	34.59 -1.37 0.00	34.18 -1.72 0.00	38.21 -1.51 0.00	42.20 -1.85 0.00	43.00 -2.31 0.00	42.44 -2.42 0.00	39.38 -1.81 0.00	33.36 -1.90 0.00	32.44 -0.36 0.00	30.88 -0.47 0.00

SAWYER___23_KV_LOAD 55526	29.48 -1.39 0.00	26.68 -1.64 0.00	24.30 -1.36 0.00	23.63 -1.32 0.00	24.66 -1.35 0.00	26.92 -1.27 0.00	32.61 -1.57 0.00	35.89 -2.58 0.00	35.77 -2.49 0.00	33.89 -1.97 0.00	34.70 -1.75 0.00	33.60 -1.51 0.00	34.82 -1.15 0.00	34.36 -0.84 0.00	34.59 -1.37 0.00	34.18 -1.72 0.00	38.21 -1.51 0.00	42.20 -1.85 0.00	43.00 -2.31 0.00	42.44 -2.42 0.00	39.38 -1.81 0.00	33.36 -1.90 0.00	32.44 -0.36 0.00	30.88 -0.47 0.00
SELKIRK___I 23801	31.52 0.65 0.00	28.97 0.65 0.00	26.30 0.64 0.00	25.58 0.62 0.00	26.64 0.62 0.00	28.84 0.65 0.00	34.86 0.68 0.00	39.20 0.73 0.00	38.83 0.57 0.00	36.33 0.46 0.00	36.89 0.44 0.00	35.49 0.39 0.00	36.24 0.32 0.06	35.39 0.25 0.06	36.12 0.32 0.16	36.34 0.43 0.00	40.31 0.60 0.00	44.89 0.83 0.00	46.31 1.00 0.00	45.85 0.99 0.00	41.98 0.78 0.00	35.90 0.64 0.00	33.29 0.49 0.00	31.89 0.53 0.00
SELKIRK___II 23799	31.36 0.49 0.00	28.80 0.48 0.00	26.12 0.46 0.00	25.40 0.45 0.00	26.48 0.47 0.00	28.70 0.51 0.00	34.69 0.51 0.00	39.05 0.58 0.00	38.67 0.42 0.00	36.18 0.32 0.00	36.74 0.29 0.00	35.35 0.25 0.00	36.11 0.22 0.07	35.29 0.18 0.08	35.99 0.25 0.22	36.19 0.29 0.00	40.15 0.44 0.00	44.71 0.66 0.00	46.13 0.82 0.00	45.63 0.76 0.00	41.77 0.58 0.00	35.72 0.46 0.00	33.06 0.26 0.00	31.70 0.35 0.00
SENECA OSWGO___HYD 24041	30.87 0.68 0.68	28.27 0.57 0.62	25.66 0.51 0.51	24.98 0.50 0.47	26.06 0.55 0.50	28.27 0.65 0.57	34.75 0.99 0.42	39.09 1.12 0.50	39.32 1.07 0.00	36.90 1.04 0.00	37.35 1.09 0.19	35.74 1.09 0.45	36.98 1.19 0.17	36.19 1.13 0.13	36.86 1.12 0.21	36.84 1.04 0.11	40.96 1.27 0.03	44.61 1.37 0.81	45.67 1.36 1.00	45.25 1.34 0.96	41.49 1.20 0.91	35.54 1.06 0.78	33.20 1.12 0.71	31.54 0.88 0.69
SENECA___115KV_TB3 355854	29.70 -1.17 0.00	26.88 -1.44 0.00	24.47 -1.18 0.00	23.80 -1.15 0.00	24.84 -1.17 0.00	27.15 -1.04 0.00	32.95 -1.23 0.00	36.39 -2.08 0.00	36.26 -1.99 0.00	34.32 -1.54 0.00	35.21 -1.24 0.00	34.05 -1.05 0.00	35.29 -0.68 0.00	34.89 -0.32 0.00	35.13 -0.83 0.00	34.72 -1.18 0.00	38.80 -0.91 0.00	42.82 -1.23 0.00	43.63 -1.68 0.00	43.12 -1.75 0.00	39.96 -1.24 0.00	33.82 -1.45 0.00	32.83 0.03 0.00	31.26 -0.09 0.00
SENECA___ENERGY 23797	30.62 -0.25 0.00	27.98 -0.34 0.00	25.40 -0.26 0.00	24.70 -0.25 0.00	25.78 -0.23 0.00	28.05 -0.14 0.00	34.18 0.00 0.00	38.35 -0.12 0.00	38.06 -0.19 0.00	35.86 0.00 0.00	36.53 0.07 0.00	35.21 0.11 0.00	36.22 0.25 0.00	35.52 0.32 0.00	36.14 0.18 0.00	36.09 0.18 0.00	40.03 0.32 0.00	44.36 0.31 0.00	45.49 0.18 0.00	45.00 0.14 0.00	41.28 0.08 0.00	35.34 0.07 0.00	33.23 0.43 0.00	31.60 0.25 0.00
SHOEMAKER___GT 23640	31.98 1.11 0.00	29.28 0.96 0.00	26.42 0.77 0.00	25.70 0.75 0.00	26.79 0.78 0.00	29.07 0.87 0.00	35.24 1.06 0.00	39.74 1.27 0.00	39.40 1.15 0.00	36.86 1.00 0.00	37.47 1.02 0.00	36.05 0.95 0.00	36.98 0.93 -0.08	36.21 0.91 -0.09	37.20 1.01 -0.24	36.91 1.00 0.00	41.03 1.31 0.00	45.55 1.50 0.00	46.89 1.59 0.00	46.39 1.53 0.00	42.52 1.32 0.00	36.36 1.09 0.00	33.62 0.82 0.00	32.26 0.91 0.00
SHOEMAKR_138KV_BK 111 55601	31.98 1.11 0.00	29.28 0.96 0.00	26.42 0.77 0.00	25.67 0.72 0.00	26.80 0.78 0.00	29.07 0.87 0.00	35.24 1.06 0.00	39.74 1.27 0.00	39.40 1.15 0.00	36.87 1.00 0.00	37.47 1.02 0.00	36.05 0.95 0.00	36.99 0.94 -0.08	36.21 0.92 -0.09	37.20 1.01 -0.24	36.91 1.01 0.00	40.95 1.23 0.00	45.55 1.50 0.00	46.90 1.59 0.00	46.39 1.53 0.00	42.47 1.28 0.00	36.36 1.09 0.00	33.62 0.82 0.00	32.26 0.91 0.00
SHOREHAM_IC_1 23715	34.13 0.83 -2.42	28.06 0.60 0.86	28.48 0.67 -2.16	26.93 0.47 -1.50	28.14 0.52 -1.61	33.38 0.68 -4.52	37.33 1.02 -2.13	40.74 1.50 -0.77	39.67 1.42 0.00	39.00 1.15 -1.99	37.84 1.38 0.00	39.72 1.26 -3.35	37.71 1.26 -0.48	38.08 1.30 -1.58	37.72 1.47 -0.29	38.28 1.62 -0.76	42.92 1.91 -1.30	46.47 2.42 0.00	47.80 2.49 0.00	47.29 2.42 0.00	43.30 2.10 0.00	38.97 1.69 -2.01	34.43 0.76 -0.87	32.23 0.88 0.00
SHOREHAM_IC_2 23716	34.13 0.83 -2.42	28.06 0.60 0.86	28.48 0.67 -2.16	26.93 0.47 -1.50	28.14 0.52 -1.61	33.38 0.68 -4.52	37.33 1.02 -2.13	40.74 1.50 -0.77	39.67 1.42 0.00	39.00 1.15 -1.99	37.84 1.38 0.00	39.72 1.26 -3.35	37.71 1.26 -0.48	38.08 1.30 -1.58	37.72 1.47 -0.29	38.28 1.62 -0.76	42.92 1.91 -1.30	46.47 2.42 0.00	47.80 2.49 0.00	47.29 2.42 0.00	43.30 2.10 0.00	38.97 1.69 -2.01	34.43 0.76 -0.87	32.23 0.88 0.00
SISSONVILLE____ 23735	14.08 -0.71 16.08	12.96 -0.62 14.74	12.96 -0.56 12.13	13.34 -0.55 11.06	13.58 -0.57 11.87	14.09 -0.59 13.51	23.63 -0.62 9.93	25.97 -0.65 11.84	37.64 -0.61 0.00	35.25 -0.61 0.01	31.19 -0.69 4.57	23.73 -0.70 10.67	31.11 -0.79 4.07	31.23 -0.77 3.20	30.06 -0.83 5.06	32.57 -0.83 2.51	37.98 -1.11 0.63	23.04 -1.76 19.25	19.73 -1.90 23.68	20.29 -1.79 22.78	18.08 -1.61 21.51	15.49 -1.30 18.47	14.77 -1.12 16.92	14.15 -0.91 16.30
SITHE_IND_GS1 24169	30.47 -0.40 0.00	27.92 -0.40 0.00	25.30 -0.36 0.00	24.63 -0.33 0.00	25.65 -0.36 0.00	27.83 -0.37 0.00	33.80 -0.38 0.00	38.01 -0.46 0.00	37.83 -0.42 0.00	35.50 -0.36 0.00	36.09 -0.36 0.00	34.79 -0.32 0.00	35.68 -0.29 0.00	34.96 -0.24 0.00	35.67 -0.29 0.00	35.58 -0.32 0.00	39.40 -0.32 0.00	43.65 -0.40 0.00	44.90 -0.41 0.00	44.42 -0.45 0.00	40.79 -0.41 0.00	34.91 -0.35 0.00	32.61 -0.20 0.00	31.10 -0.25 0.00
SITHE_IND_GS2 24170	30.47 -0.40 0.00	27.92 -0.40 0.00	25.30 -0.36 0.00	24.63 -0.33 0.00	25.65 -0.36 0.00	27.83 -0.37 0.00	33.80 -0.38 0.00	38.01 -0.46 0.00	37.83 -0.42 0.00	35.50 -0.36 0.00	36.09 -0.36 0.00	34.79 -0.32 0.00	35.68 -0.29 0.00	34.96 -0.24 0.00	35.67 -0.29 0.00	35.58 -0.32 0.00	39.40 -0.32 0.00	43.65 -0.40 0.00	44.90 -0.41 0.00	44.42 -0.45 0.00	40.79 -0.41 0.00	34.91 -0.35 0.00	32.61 -0.20 0.00	31.10 -0.25 0.00
SITHE_IND_GS3 24171	30.47 -0.40 0.00	27.92 -0.40 0.00	25.30 -0.36 0.00	24.63 -0.33 0.00	25.65 -0.36 0.00	27.83 -0.37 0.00	33.80 -0.38 0.00	38.01 -0.46 0.00	37.83 -0.42 0.00	35.50 -0.36 0.00	36.09 -0.36 0.00	34.79 -0.32 0.00	35.68 -0.29 0.00	34.96 -0.24 0.00	35.67 -0.29 0.00	35.58 -0.32 0.00	39.40 -0.32 0.00	43.65 -0.40 0.00	44.90 -0.41 0.00	44.42 -0.45 0.00	40.79 -0.41 0.00	34.91 -0.35 0.00	32.61 -0.20 0.00	31.10 -0.25 0.00
SITHE_IND_GS4 24172	30.47 -0.40 0.00	27.92 -0.40 0.00	25.30 -0.36 0.00	24.63 -0.33 0.00	25.65 -0.36 0.00	27.83 -0.37 0.00	33.80 -0.38 0.00	38.01 -0.46 0.00	37.83 -0.42 0.00	35.50 -0.36 0.00	36.09 -0.36 0.00	34.79 -0.32 0.00	35.68 -0.29 0.00	34.96 -0.24 0.00	35.67 -0.29 0.00	35.58 -0.32 0.00	39.40 -0.32 0.00	43.65 -0.40 0.00	44.90 -0.41 0.00	44.42 -0.45 0.00	40.79 -0.41 0.00	34.91 -0.35 0.00	32.61 -0.20 0.00	31.10 -0.25 0.00

SITHE___BATAVIA 24024	30.19 -0.68 0.00	27.39 -0.93 0.00	24.91 -0.74 0.00	24.20 -0.75 0.00	25.21 -0.81 0.00	27.52 -0.68 0.00	33.43 -0.75 0.00	37.01 -1.46 0.00	36.84 -1.41 0.00	34.93 -0.93 0.00	35.72 -0.73 0.00	34.51 -0.60 0.00	35.76 -0.21 0.00	35.24 0.04 0.00	35.53 -0.43 0.00	35.33 -0.58 0.00	39.32 -0.40 0.00	43.61 -0.44 0.00	44.45 -0.86 0.00	43.97 -0.90 0.00	40.58 -0.62 0.00	34.45 -0.81 0.00	33.36 0.56 0.00	31.67 0.31 0.00
SITHE___INDEPEND 23800	30.47 -0.40 0.00	27.92 -0.40 0.00	25.30 -0.36 0.00	24.63 -0.32 0.00	25.65 -0.36 0.00	27.86 -0.34 0.00	33.80 -0.38 0.00	38.01 -0.46 0.00	37.83 -0.42 0.00	35.50 -0.36 0.00	36.09 -0.36 0.00	34.79 -0.32 0.00	35.68 -0.29 0.00	34.96 -0.25 0.00	35.67 -0.29 0.00	35.58 -0.32 0.00	39.40 -0.32 0.00	43.66 -0.40 0.00	44.90 -0.41 0.00	44.42 -0.45 0.00	40.79 -0.41 0.00	34.91 -0.35 0.00	32.60 -0.20 0.00	31.10 -0.25 0.00
SITHE___MASSENA 23902	10.68 -0.71 19.49	9.84 -0.62 17.86	10.39 -0.56 14.70	11.00 -0.55 13.40	11.07 -0.57 14.38	11.17 -0.65 16.37	21.39 -0.75 12.03	23.31 -0.81 14.35	37.49 -0.76 0.00	35.10 -0.75 0.01	30.11 -0.80 5.54	21.37 -0.81 12.93	30.17 -0.86 4.93	30.48 -0.85 3.87	28.96 -0.86 6.14	32.01 -0.86 3.04	37.89 -1.07 0.76	19.41 -1.32 23.33	15.26 -1.36 28.69	16.01 -1.26 27.60	14.03 -1.11 26.06	11.94 -0.95 22.38	11.42 -0.88 20.50	10.79 -0.82 19.75
SITHE___OGDNSBRG 24021	13.07 -0.40 17.41	12.03 -0.34 15.95	12.19 -0.33 13.13	12.68 -0.30 11.97	12.84 -0.34 12.84	13.23 -0.34 14.62	23.16 -0.27 10.75	25.34 -0.31 12.82	37.99 -0.27 0.00	35.53 -0.32 0.01	31.07 -0.44 4.95	23.10 -0.46 11.55	31.02 -0.54 4.41	31.21 -0.53 3.46	29.94 -0.54 5.48	32.62 -0.57 2.71	38.29 -0.75 0.68	22.16 -1.06 20.83	18.64 -1.04 25.63	19.32 -0.90 24.65	17.14 -0.78 23.27	14.64 -0.63 19.99	13.90 -0.59 18.31	13.21 -0.50 17.64
SITHE___STERLING 23777	31.86 0.99 0.00	29.20 0.88 0.00	26.45 0.80 0.00	25.73 0.77 0.00	26.82 0.81 0.00	29.12 0.93 0.00	35.48 1.30 0.00	39.89 1.42 0.00	39.59 1.34 0.00	37.26 1.40 0.00	37.80 1.35 0.00	36.44 1.33 0.00	37.30 1.33 0.00	36.54 1.34 0.00	37.32 1.37 0.00	37.16 1.26 0.00	41.23 1.51 0.00	45.68 1.63 0.00	47.12 1.81 0.00	46.61 1.75 0.00	42.72 1.53 0.00	36.60 1.34 0.00	34.05 1.25 0.00	32.45 1.10 0.00
SLEIGHT__34_KV_TB1 80719	30.32 -0.56 0.00	27.58 -0.74 0.00	25.06 -0.59 0.00	24.38 -0.57 0.00	25.39 -0.62 0.00	27.66 -0.54 0.00	33.67 -0.51 0.00	37.62 -0.85 0.00	37.41 -0.84 0.00	35.36 -0.50 0.00	36.09 -0.36 0.00	34.82 -0.28 0.00	35.93 -0.04 0.00	35.31 0.11 0.00	35.81 -0.14 0.00	35.66 -0.25 0.00	39.56 -0.16 0.00	43.83 -0.22 0.00	44.86 -0.45 0.00	44.28 -0.58 0.00	40.79 -0.41 0.00	34.74 -0.53 0.00	33.03 0.23 0.00	31.32 -0.03 0.00
SOUTH CAIRO___GT 23612	32.05 1.17 0.00	29.43 1.10 0.00	26.71 1.05 0.00	26.00 1.05 0.00	27.11 1.09 0.00	29.43 1.24 0.00	35.68 1.50 0.00	40.01 1.54 0.00	39.63 1.38 0.00	36.94 1.08 0.00	37.40 0.95 0.00	35.88 0.77 0.00	36.83 0.90 0.04	35.90 0.74 0.04	36.81 0.97 0.11	36.81 0.90 0.00	40.99 1.27 0.00	45.81 1.76 0.00	47.35 2.04 0.00	46.88 2.02 0.00	42.93 1.73 0.00	36.57 1.30 0.00	33.85 1.05 0.00	32.45 1.10 0.00
SOUTH HAMPTN___IC 23720	34.19 0.90 -2.42	26.81 0.68 2.19	28.61 0.80 -2.16	27.05 0.60 -1.50	28.27 0.65 -1.61	33.55 0.85 -4.52	37.57 1.27 -2.13	41.05 1.81 -0.77	39.98 1.72 0.00	39.36 1.51 -1.99	38.28 1.82 0.00	40.17 1.72 -3.35	38.14 1.69 -0.48	38.54 1.76 -1.58	38.15 1.90 -0.29	38.71 2.05 -0.76	43.48 2.46 -1.30	47.09 3.04 0.00	48.39 3.08 0.00	47.87 3.01 0.00	43.79 2.60 0.00	39.39 2.12 -2.01	34.76 1.08 -0.87	32.57 1.22 0.00
SOUTHDOW_115KV_TB1 355954	29.76 -1.11 0.00	26.91 -1.42 0.00	24.53 -1.13 0.00	23.90 -1.05 0.00	25.00 -1.01 0.00	27.40 -0.79 0.00	33.46 -0.72 0.00	37.58 -0.88 0.00	38.18 -0.08 0.00	36.18 0.32 0.00	37.26 0.80 0.00	36.05 0.95 0.00	37.55 1.58 0.00	37.28 2.08 0.00	37.57 1.62 0.00	36.95 1.04 0.00	41.39 1.67 0.00	45.46 1.41 0.00	46.49 1.18 0.00	46.12 1.26 0.00	42.39 1.19 0.00	35.86 0.60 0.00	34.67 1.87 0.00	32.95 1.60 0.00
SOUTHOLD_69_KV_BK 2 55809	34.06 0.77 -2.42	26.69 0.62 2.26	28.61 0.80 -2.16	27.05 0.60 -1.50	28.24 0.62 -1.61	33.58 0.87 -4.52	37.64 1.33 -2.13	41.17 1.92 -0.77	40.20 1.95 0.00	39.61 1.76 -1.99	38.57 2.11 0.00	40.60 2.14 -3.35	38.54 2.09 -0.48	39.00 2.22 -1.58	38.40 2.16 -0.29	39.14 2.48 -0.76	44.15 3.14 -1.30	48.06 4.01 0.00	49.43 4.12 0.00	48.95 4.08 0.00	44.00 2.80 0.00	39.89 2.61 -2.01	35.25 1.57 -0.87	32.86 1.50 0.00
SOUTHOLD___IC 23719	34.06 0.77 -2.42	26.66 0.60 2.26	28.61 0.80 -2.16	27.05 0.60 -1.50	28.24 0.62 -1.61	33.58 0.87 -4.52	37.61 1.30 -2.13	41.16 1.92 -0.77	40.20 1.95 0.00	39.61 1.76 -1.99	38.60 2.15 0.00	40.46 2.00 -3.35	38.47 2.01 -0.48	38.89 2.11 -1.58	38.51 2.27 -0.29	39.11 2.44 -0.76	43.95 2.94 -1.30	47.62 3.57 0.00	48.94 3.63 0.00	48.37 3.50 0.00	44.17 2.97 0.00	39.74 2.47 -2.01	35.05 1.38 -0.87	32.83 1.47 0.00
SOUTH_FORK_WT_PWR 323839	33.66 0.37 -2.42	26.38 0.28 2.22	28.38 0.56 -2.16	26.80 0.35 -1.50	27.98 0.36 -1.61	33.33 0.62 -4.52	37.30 0.99 -2.13	40.82 1.58 -0.77	39.93 1.68 0.00	39.39 1.54 -1.99	38.38 1.93 0.00	40.28 1.82 -3.35	38.29 1.83 -0.48	38.75 1.97 -1.58	38.37 2.12 -0.29	38.97 2.30 -0.76	43.79 2.78 -1.30	47.44 3.39 0.00	48.80 3.49 0.00	48.19 3.32 0.00	44.00 2.80 0.00	39.60 2.33 -2.01	34.92 1.25 -0.87	32.73 1.38 0.00
SPIERFLS_115KV_TB 1 80737	32.72 1.85 0.00	30.05 1.73 0.00	27.25 1.59 0.00	26.47 1.52 0.00	27.60 1.59 0.00	30.00 1.80 0.00	36.30 2.12 0.00	40.78 2.31 0.00	40.55 2.30 0.00	38.01 2.15 0.00	38.60 2.15 0.00	37.18 2.07 0.00	37.86 1.98 0.09	36.86 1.76 0.10	37.56 1.87 0.27	37.92 2.01 0.00	42.06 2.34 0.00	47.05 3.00 0.00	48.53 3.22 0.00	48.01 3.14 0.00	43.88 2.68 0.00	37.45 2.19 0.00	34.64 1.84 0.00	33.11 1.76 0.00
ST LAWRENCE____ 23600	9.49 -0.99 20.39	8.76 -0.88 18.68	9.48 -0.80 15.38	10.16 -0.77 14.02	10.17 -0.81 15.04	10.19 -0.87 17.13	20.52 -1.06 12.60	22.25 -1.19 15.02	37.14 -1.11 0.00	34.78 -1.07 0.01	29.55 -1.09 5.81	20.47 -1.09 13.54	29.65 -1.15 5.17	30.02 -1.13 4.06	28.38 -1.15 6.43	31.58 -1.15 3.18	37.53 -1.39 0.79	18.10 -1.58 24.37	13.67 -1.68 29.96	14.47 -1.57 28.82	12.59 -1.40 27.21	10.64 -1.20 23.43	10.24 -1.12 21.45	9.63 -1.07 20.66
STATE_CA_115KV_115_LB 55624	31.37 0.49 0.00	28.83 0.51 0.00	26.14 0.49 0.00	25.43 0.47 0.00	26.48 0.47 0.00	28.70 0.51 0.00	34.73 0.55 0.00	39.08 0.62 0.00	38.75 0.50 0.00	36.29 0.43 0.00	36.85 0.40 0.00	35.49 0.39 0.00	36.21 0.32 0.09	35.35 0.25 0.10	35.99 0.29 0.25	36.30 0.39 0.00	40.19 0.48 0.00	44.80 0.75 0.00	46.22 0.91 0.00	45.72 0.85 0.00	41.82 0.62 0.00	35.76 0.49 0.00	33.10 0.30 0.00	31.73 0.38 0.00

STATE_ST_34_KV_LOAD 55959	31.09 0.22 0.00	28.43 0.11 0.00	25.78 0.13 0.00	25.08 0.12 0.00	26.15 0.13 0.00	28.42 0.23 0.00	34.59 0.41 0.00	38.89 0.42 0.00	38.64 0.38 0.00	36.29 0.43 0.00	36.96 0.51 0.00	35.63 0.53 0.00	36.58 0.61 0.00	35.84 0.63 0.00	36.53 0.58 0.00	36.45 0.54 0.00	40.43 0.71 0.00	44.80 0.75 0.00	45.99 0.68 0.00	45.49 0.63 0.00	41.77 0.58 0.00	35.72 0.46 0.00	33.49 0.69 0.00	31.82 0.47 0.00
STATION 5_MISC_HYD 23604	30.16 -0.71 0.00	27.44 -0.88 0.00	24.94 -0.72 0.00	24.23 -0.72 0.00	25.24 -0.78 0.00	27.49 -0.70 0.00	33.39 -0.78 0.00	37.09 -1.38 0.00	36.95 -1.30 0.00	35.00 -0.86 0.00	35.76 -0.69 0.00	34.54 -0.56 0.00	35.72 -0.25 0.00	35.10 -0.11 0.00	35.49 -0.47 0.00	35.37 -0.54 0.00	39.24 -0.47 0.00	43.53 -0.53 0.00	44.40 -0.91 0.00	43.88 -0.99 0.00	40.50 -0.70 0.00	34.45 -0.81 0.00	33.03 0.23 0.00	31.35 0.00 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.56 -0.31 0.00	27.81 -0.51 0.00	25.30 -0.36 0.00	24.60 -0.35 0.00	25.62 -0.39 0.00	27.91 -0.28 0.00	33.97 -0.21 0.00	37.97 -0.50 0.00	37.79 -0.46 0.00	35.75 -0.11 0.00	36.45 0.00 0.00	35.17 0.07 0.00	36.29 0.32 0.00	35.70 0.49 0.00	36.21 0.25 0.00	36.09 0.18 0.00	40.03 0.32 0.00	44.36 0.31 0.00	45.40 0.09 0.00	44.82 -0.04 0.00	41.28 0.08 0.00	35.16 -0.11 0.00	33.42 0.62 0.00	31.70 0.34 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.07 -0.80 0.00	27.27 -1.05 0.00	24.83 -0.82 0.00	24.15 -0.80 0.00	25.13 -0.88 0.00	27.40 -0.79 0.00	33.29 -0.89 0.00	37.01 -1.46 0.00	36.88 -1.38 0.00	34.93 -0.93 0.00	35.69 -0.77 0.00	34.44 -0.67 0.00	35.61 -0.36 0.00	35.03 -0.18 0.00	35.45 -0.50 0.00	35.30 -0.61 0.00	39.16 -0.56 0.00	43.39 -0.66 0.00	44.36 -0.95 0.00	43.79 -1.08 0.00	40.46 -0.74 0.00	34.35 -0.92 0.00	32.87 0.07 0.00	31.23 -0.13 0.00
STA_56___34_KV_BUS2 355983	30.07 -0.80 0.00	27.27 -1.05 0.00	24.83 -0.82 0.00	24.15 -0.80 0.00	25.13 -0.88 0.00	27.40 -0.79 0.00	33.29 -0.89 0.00	37.01 -1.46 0.00	36.88 -1.38 0.00	34.93 -0.93 0.00	35.69 -0.77 0.00	34.44 -0.67 0.00	35.61 -0.36 0.00	35.03 -0.18 0.00	35.45 -0.50 0.00	35.30 -0.61 0.00	39.16 -0.56 0.00	43.39 -0.66 0.00	44.36 -0.95 0.00	43.79 -1.08 0.00	40.46 -0.74 0.00	34.35 -0.92 0.00	32.87 0.07 0.00	31.23 -0.13 0.00
STA_67___115KV_BK2 355882	30.13 -0.74 0.00	27.33 -0.99 0.00	24.89 -0.77 0.00	24.20 -0.75 0.00	25.18 -0.83 0.00	27.46 -0.73 0.00	33.32 -0.85 0.00	37.01 -1.46 0.00	36.88 -1.38 0.00	34.93 -0.93 0.00	35.69 -0.77 0.00	34.44 -0.67 0.00	35.61 -0.36 0.00	35.06 -0.14 0.00	35.45 -0.50 0.00	35.26 -0.65 0.00	39.20 -0.52 0.00	43.39 -0.66 0.00	44.36 -0.95 0.00	43.79 -1.08 0.00	40.46 -0.74 0.00	34.35 -0.92 0.00	32.93 0.13 0.00	31.29 -0.06 0.00
STA_7___115KV_9TRANS 80674	30.29 -0.59 0.00	27.47 -0.85 0.00	25.01 -0.64 0.00	24.33 -0.62 0.00	25.31 -0.70 0.00	27.60 -0.59 0.00	33.53 -0.65 0.00	37.24 -1.23 0.00	37.11 -1.15 0.00	35.18 -0.68 0.00	35.94 -0.51 0.00	34.72 -0.39 0.00	35.90 -0.07 0.00	35.34 0.14 0.00	35.74 -0.22 0.00	35.58 -0.32 0.00	39.52 -0.20 0.00	43.79 -0.26 0.00	44.77 -0.54 0.00	44.15 -0.72 0.00	40.79 -0.41 0.00	34.63 -0.63 0.00	33.20 0.39 0.00	31.48 0.13 0.00
STA_82___115KV_TB1 80780	30.13 -0.74 0.00	27.36 -0.96 0.00	24.91 -0.74 0.00	24.20 -0.75 0.00	25.21 -0.81 0.00	27.46 -0.73 0.00	33.36 -0.82 0.00	37.05 -1.42 0.00	36.91 -1.34 0.00	34.97 -0.90 0.00	35.69 -0.77 0.00	34.47 -0.63 0.00	35.61 -0.36 0.00	35.06 -0.14 0.00	35.49 -0.47 0.00	35.30 -0.61 0.00	39.20 -0.52 0.00	43.43 -0.62 0.00	44.40 -0.91 0.00	43.79 -1.08 0.00	40.50 -0.70 0.00	34.38 -0.88 0.00	32.97 0.16 0.00	31.29 -0.06 0.00
STEEL___WIND 323596	29.67 -1.20 0.00	26.93 -1.39 0.00	24.48 -1.18 0.00	23.80 -1.15 0.00	24.82 -1.20 0.00	27.12 -1.07 0.00	32.92 -1.26 0.00	36.35 -2.12 0.00	36.22 -2.03 0.00	34.28 -1.58 0.00	35.18 -1.28 0.00	34.02 -1.09 0.00	35.25 -0.72 0.00	34.78 -0.42 0.00	34.99 -0.97 0.00	34.69 -1.22 0.00	38.76 -0.95 0.00	42.77 -1.28 0.00	43.50 -1.81 0.00	43.07 -1.80 0.00	39.80 -1.40 0.00	33.82 -1.45 0.00	32.80 0.00 0.00	31.23 -0.12 0.00
STEPHTWN_115KV_BK_2 55603	31.61 0.74 0.00	29.03 0.71 0.00	26.32 0.67 0.00	25.60 0.65 0.00	26.69 0.68 0.00	28.95 0.76 0.00	35.00 0.82 0.00	39.43 0.96 0.00	39.09 0.84 0.00	36.58 0.72 0.00	37.15 0.69 0.00	35.70 0.60 0.00	36.46 0.58 0.09	35.56 0.46 0.10	36.24 0.54 0.25	36.55 0.65 0.00	40.51 0.79 0.00	45.24 1.19 0.00	46.67 1.36 0.00	46.12 1.26 0.00	42.19 0.99 0.00	36.08 0.81 0.00	33.36 0.56 0.00	31.95 0.60 0.00
STEUBEN_REC_LFGE 323667	29.48 -1.39 0.00	26.82 -1.50 0.00	24.63 -1.03 0.00	24.03 -0.92 0.00	25.21 -0.81 0.00	27.69 -0.51 0.00	33.87 -0.31 0.00	38.12 -0.35 0.00	37.76 -0.50 0.00	35.47 -0.39 0.00	36.27 -0.18 0.00	35.17 0.07 0.00	36.69 0.72 0.00	36.19 0.99 0.00	36.82 0.86 0.00	36.59 0.68 0.00	40.95 1.23 0.00	45.33 1.28 0.00	46.44 1.13 0.00	45.99 1.12 0.00	42.10 0.91 0.00	35.83 0.56 0.00	34.08 1.28 0.00	32.26 0.91 0.00
STILLWATER___SOLAR 323814	32.35 1.48 0.00	29.71 1.39 0.00	26.96 1.31 0.00	26.22 1.27 0.00	27.32 1.30 0.00	29.66 1.47 0.00	35.85 1.67 0.00	40.28 1.81 0.00	39.98 1.72 0.00	37.44 1.58 0.00	38.02 1.57 0.00	36.61 1.51 0.00	37.31 1.44 0.10	36.39 1.30 0.12	37.06 1.40 0.30	37.42 1.51 0.00	41.51 1.79 0.00	46.34 2.29 0.00	47.80 2.49 0.00	47.29 2.42 0.00	43.26 2.06 0.00	36.96 1.69 0.00	34.21 1.41 0.00	32.77 1.41 0.00
STONY___BROOK 24151	35.17 1.88 -2.42	30.33 1.56 -0.45	29.25 1.44 -2.16	27.75 1.30 -1.50	29.02 1.40 -1.61	34.29 1.58 -4.52	38.39 2.09 -2.13	41.89 2.65 -0.77	40.78 2.52 0.00	40.07 2.22 -1.99	38.93 2.48 0.00	40.81 2.35 -3.35	38.79 2.34 -0.48	39.14 2.36 -1.58	38.72 2.48 -0.29	39.22 2.55 -0.76	43.75 2.74 -1.30	47.31 3.26 0.00	48.62 3.31 0.00	48.14 3.27 0.00	44.33 3.13 0.00	39.74 2.47 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
STURGEON_POOL_HYD 23609	32.17 1.30 0.00	29.40 1.08 0.00	26.55 0.90 0.00	25.80 0.85 0.00	26.95 0.94 0.00	29.18 0.99 0.00	35.38 1.20 0.00	39.89 1.42 0.00	39.55 1.30 0.00	36.97 1.11 0.00	37.58 1.13 0.00	36.19 1.09 0.00	37.27 1.26 -0.04	36.48 1.23 -0.05	37.41 1.33 -0.12	37.06 1.15 0.00	41.11 1.39 0.00	45.68 1.63 0.00	46.99 1.68 0.00	46.53 1.66 0.00	42.60 1.40 0.00	36.46 1.20 0.00	33.65 0.85 0.00	32.36 1.00 0.00
ST_LAW_115_BK7_LBMP 345037	9.66 -1.02 20.19	8.91 -0.91 18.50	9.60 -0.82 15.23	10.26 -0.80 13.89	10.28 -0.83 14.90	10.33 -0.90 16.96	20.62 -1.10 12.47	22.37 -1.23 14.87	37.11 -1.15 0.00	34.74 -1.11 0.01	29.54 -1.17 5.74	20.58 -1.12 13.40	29.67 -1.19 5.11	29.99 -1.20 4.01	28.41 -1.19 6.36	31.58 -1.18 3.15	37.50 -1.43 0.78	18.21 -1.67 24.17	13.81 -1.77 29.73	14.61 -1.66 28.60	12.72 -1.48 27.00	10.81 -1.27 23.19	10.38 -1.18 21.24	9.79 -1.10 20.46

ST_LAW_115_BK8_LBMP 345038	9.66 -1.02 20.19	8.91 -0.91 18.50	9.60 -0.82 15.23	10.26 -0.80 13.89	10.28 -0.83 14.90	10.33 -0.90 16.96	20.62 -1.10 12.47	22.37 -1.23 14.87	37.11 -1.15 0.00	34.74 -1.11 0.01	29.54 -1.17 5.74	20.58 -1.12 13.40	29.67 -1.19 5.11	29.99 -1.20 4.01	28.41 -1.19 6.36	31.58 -1.18 3.15	37.50 -1.43 0.78	18.21 -1.67 24.17	13.81 -1.77 29.73	14.61 -1.66 28.60	12.72 -1.48 27.00	10.81 -1.27 23.19	10.38 -1.18 21.24	9.79 -1.10 20.46
ST_LAW_230_BK5_LBMP 345035	9.27 -0.99 20.61	8.55 -0.88 18.89	9.31 -0.80 15.55	10.00 -0.77 14.18	10.00 -0.81 15.21	10.00 -0.87 17.32	20.39 -1.06 12.73	22.10 -1.19 15.18	37.14 -1.11 0.00	34.78 -1.07 0.01	29.50 -1.09 5.86	20.34 -1.09 13.68	29.60 -1.15 5.22	29.98 -1.13 4.10	28.31 -1.15 6.49	31.54 -1.15 3.21	37.52 -1.39 0.80	17.79 -1.58 24.67	13.28 -1.68 30.35	14.10 -1.57 29.19	12.23 -1.40 27.57	10.39 -1.20 23.67	10.00 -1.12 21.69	9.40 -1.07 20.89
ST_LAW_230_BK6_LBMP 345036	9.27 -0.99 20.61	8.55 -0.88 18.89	9.31 -0.80 15.55	10.00 -0.77 14.18	10.00 -0.81 15.21	10.00 -0.87 17.32	20.39 -1.06 12.73	22.10 -1.19 15.18	37.14 -1.11 0.00	34.78 -1.07 0.01	29.50 -1.09 5.86	20.34 -1.09 13.68	29.60 -1.15 5.22	29.98 -1.13 4.10	28.31 -1.15 6.49	31.54 -1.15 3.21	37.52 -1.39 0.80	17.79 -1.58 24.67	13.28 -1.68 30.35	14.10 -1.57 29.19	12.23 -1.40 27.57	10.39 -1.20 23.67	10.00 -1.12 21.69	9.40 -1.07 20.89
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.14 1.27 0.00	29.40 1.08 0.00	26.50 0.85 0.00	25.75 0.80 0.00	26.87 0.86 0.00	29.18 0.99 0.00	35.38 1.20 0.00	39.89 1.42 0.00	39.55 1.30 0.00	37.05 1.18 0.00	37.66 1.20 0.00	36.23 1.12 0.00	37.17 1.12 -0.08	36.39 1.09 -0.10	37.35 1.15 -0.25	37.09 1.18 0.00	41.15 1.43 0.00	45.77 1.72 0.00	47.08 1.77 0.00	46.62 1.75 0.00	42.68 1.48 0.00	36.53 1.27 0.00	33.72 0.92 0.00	32.36 1.00 0.00
SWANROAD_115KV_TB1 355699	29.11 -1.76 0.00	26.34 -1.98 0.00	23.99 -1.67 0.00	23.33 -1.62 0.00	24.32 -1.69 0.00	26.56 -1.64 0.00	32.13 -2.05 0.00	35.24 -3.23 0.00	35.08 -3.18 0.00	33.28 -2.58 0.00	34.08 -2.37 0.00	32.93 -2.18 0.00	34.14 -1.83 0.00	33.69 -1.51 0.00	33.87 -2.09 0.00	33.50 -2.41 0.00	37.45 -2.26 0.00	41.36 -2.69 0.00	42.14 -3.17 0.00	41.59 -3.28 0.00	38.64 -2.55 0.00	32.73 -2.54 0.00	31.92 -0.89 0.00	30.41 -0.94 0.00
SYNERGY___BIOGAS 323694	30.19 -0.68 0.00	27.39 -0.93 0.00	24.91 -0.74 0.00	24.20 -0.75 0.00	25.21 -0.81 0.00	27.52 -0.68 0.00	33.43 -0.75 0.00	37.01 -1.46 0.00	36.84 -1.41 0.00	34.93 -0.93 0.00	35.72 -0.73 0.00	34.51 -0.60 0.00	35.76 -0.21 0.00	35.24 0.04 0.00	35.53 -0.43 0.00	35.33 -0.58 0.00	39.32 -0.40 0.00	43.61 -0.44 0.00	44.45 -0.86 0.00	43.97 -0.90 0.00	40.58 -0.62 0.00	34.45 -0.81 0.00	33.36 0.56 0.00	31.67 0.31 0.00
SYRACUSE___ENERGY_ST1 323597	31.24 0.37 0.00	28.60 0.28 0.00	25.91 0.26 0.00	25.20 0.25 0.00	26.28 0.26 0.00	28.53 0.34 0.00	34.69 0.51 0.00	39.08 0.62 0.00	38.83 0.57 0.00	36.44 0.57 0.00	37.07 0.62 0.00	35.74 0.63 0.00	36.69 0.72 0.00	35.91 0.70 0.00	36.64 0.68 0.00	36.55 0.65 0.00	40.51 0.79 0.00	44.84 0.79 0.00	46.08 0.77 0.00	45.58 0.72 0.00	41.86 0.66 0.00	35.86 0.60 0.00	33.49 0.69 0.00	31.89 0.53 0.00
SYRACUSE___ENERGY_ST2 323598	31.24 0.37 0.00	28.60 0.28 0.00	25.91 0.26 0.00	25.20 0.25 0.00	26.28 0.26 0.00	28.53 0.34 0.00	34.69 0.51 0.00	39.08 0.62 0.00	38.83 0.57 0.00	36.44 0.57 0.00	37.07 0.62 0.00	35.74 0.63 0.00	36.69 0.72 0.00	35.91 0.70 0.00	36.64 0.68 0.00	36.55 0.65 0.00	40.51 0.79 0.00	44.84 0.79 0.00	46.08 0.77 0.00	45.58 0.72 0.00	41.86 0.66 0.00	35.86 0.60 0.00	33.49 0.69 0.00	31.89 0.53 0.00
SYRACUSE___POWER 24017	31.09 0.22 0.00	28.46 0.14 0.00	25.81 0.15 0.00	25.10 0.15 0.00	26.17 0.16 0.00	28.42 0.23 0.00	34.56 0.38 0.00	38.93 0.46 0.00	38.67 0.42 0.00	36.29 0.43 0.00	36.93 0.47 0.00	35.60 0.49 0.00	36.51 0.54 0.00	35.77 0.56 0.00	36.50 0.54 0.00	36.37 0.47 0.00	40.31 0.60 0.00	44.67 0.62 0.00	45.94 0.63 0.00	45.45 0.58 0.00	41.69 0.49 0.00	35.72 0.46 0.00	33.36 0.56 0.00	31.76 0.41 0.00
TALLMAN___138KV_BK151 55660	32.35 1.48 0.00	29.57 1.25 0.00	26.63 0.97 0.00	25.85 0.90 0.00	27.00 0.99 0.00	29.29 1.10 0.00	35.58 1.40 0.00	40.12 1.65 0.00	39.82 1.57 0.00	37.26 1.40 0.00	37.87 1.42 0.00	36.47 1.37 0.00	37.43 1.37 -0.09	36.61 1.30 -0.10	37.62 1.40 -0.26	37.31 1.40 0.00	41.39 1.67 0.00	46.08 2.03 0.00	47.39 2.08 0.00	46.88 2.02 0.00	42.89 1.69 0.00	36.75 1.48 0.00	33.88 1.08 0.00	32.51 1.16 0.00
TEALLAVE_115KV_TB7 355573	31.06 0.19 0.00	28.43 0.11 0.00	25.76 0.10 0.00	25.05 0.10 0.00	26.15 0.13 0.00	28.36 0.17 0.00	34.49 0.31 0.00	38.85 0.38 0.00	38.60 0.34 0.00	36.22 0.36 0.00	36.89 0.44 0.00	35.53 0.42 0.00	36.47 0.50 0.00	35.70 0.49 0.00	36.42 0.47 0.00	36.34 0.43 0.00	40.19 0.48 0.00	44.58 0.53 0.00	45.81 0.50 0.00	45.31 0.45 0.00	41.57 0.37 0.00	35.62 0.35 0.00	33.29 0.49 0.00	31.70 0.34 0.00
TELGRAPH_34_KV_EAST 80808	29.76 -1.11 0.00	26.91 -1.42 0.00	24.55 -1.10 0.00	23.85 -1.10 0.00	24.87 -1.14 0.00	27.15 -1.04 0.00	32.91 -1.26 0.00	36.32 -2.15 0.00	36.15 -2.10 0.00	34.28 -1.58 0.00	35.10 -1.35 0.00	33.91 -1.19 0.00	35.14 -0.83 0.00	34.71 -0.49 0.00	34.95 -1.01 0.00	34.62 -1.29 0.00	38.64 -1.07 0.00	42.69 -1.37 0.00	43.54 -1.77 0.00	42.98 -1.88 0.00	39.88 -1.32 0.00	33.75 -1.52 0.00	32.80 0.00 0.00	31.16 -0.19 0.00
TEMPLE___115KV_TB 2 55572	31.06 0.19 0.00	28.43 0.11 0.00	25.76 0.10 0.00	25.08 0.12 0.00	26.15 0.13 0.00	28.36 0.17 0.00	34.49 0.31 0.00	38.85 0.38 0.00	38.60 0.34 0.00	36.22 0.36 0.00	36.89 0.44 0.00	35.56 0.46 0.00	36.47 0.50 0.00	35.73 0.53 0.00	36.46 0.50 0.00	36.34 0.43 0.00	40.23 0.52 0.00	44.58 0.53 0.00	45.81 0.50 0.00	45.31 0.45 0.00	41.61 0.41 0.00	35.65 0.39 0.00	33.29 0.49 0.00	31.70 0.34 0.00
TIANA____69_KV_BK 1 55817	34.25 0.96 -2.42	26.81 0.74 2.24	28.64 0.82 -2.16	27.08 0.62 -1.50	28.30 0.68 -1.61	33.56 0.85 -4.52	37.61 1.30 -2.13	41.05 1.81 -0.77	40.01 1.76 0.00	39.32 1.47 -1.99	38.20 1.75 0.00	40.18 1.72 -3.35	38.11 1.65 -0.48	38.58 1.80 -1.58	37.97 1.73 -0.29	38.71 2.05 -0.76	43.59 2.58 -1.30	47.40 3.35 0.00	48.75 3.44 0.00	48.32 3.45 0.00	43.50 2.31 0.00	39.46 2.19 -2.01	34.92 1.25 -0.87	32.54 1.19 0.00
TILDEN___115KV_TB1 80814	31.09 0.22 0.00	28.46 0.14 0.00	25.81 0.15 0.00	25.10 0.15 0.00	26.17 0.16 0.00	28.42 0.23 0.00	34.56 0.38 0.00	38.93 0.46 0.00	38.67 0.42 0.00	36.29 0.43 0.00	36.93 0.47 0.00	35.60 0.49 0.00	36.51 0.54 0.00	35.77 0.56 0.00	36.50 0.54 0.00	36.37 0.47 0.00	40.31 0.60 0.00	44.67 0.62 0.00	45.94 0.63 0.00	45.45 0.58 0.00	41.69 0.49 0.00	35.72 0.46 0.00	33.36 0.56 0.00	31.76 0.41 0.00

TRIGEN___CC 323695	35.33 2.04 -2.42	30.50 1.73 -0.45	29.30 1.49 -2.16	27.88 1.42 -1.50	29.16 1.53 -1.61	34.37 1.66 -4.52	38.43 2.12 -2.13	41.70 2.46 -0.77	40.59 2.33 0.00	39.97 2.12 -1.99	38.60 2.15 0.00	40.56 2.11 -3.35	38.57 2.12 -0.48	38.86 2.08 -1.58	38.33 2.09 -0.29	38.82 2.15 -0.76	43.44 2.42 -1.30	46.92 2.86 0.00	48.25 2.95 0.00	47.78 2.92 0.00	43.55 2.35 0.00	39.50 2.22 -2.01	35.45 1.77 -0.87	33.14 1.79 0.00
TRINITY___115KV___4 BK 55933	31.27 0.40 0.00	28.72 0.40 0.00	26.04 0.38 0.00	25.35 0.40 0.00	26.41 0.39 0.00	28.62 0.42 0.00	34.59 0.41 0.00	38.97 0.50 0.00	38.60 0.34 0.00	36.11 0.25 0.00	36.71 0.26 0.00	35.32 0.21 0.00	36.03 0.14 0.08	35.18 0.07 0.10	35.85 0.14 0.24	36.12 0.22 0.00	40.03 0.32 0.00	44.62 0.57 0.00	46.03 0.72 0.00	45.49 0.63 0.00	41.65 0.45 0.00	35.62 0.35 0.00	32.97 0.16 0.00	31.60 0.25 0.00
UNION___PROCESSING_DRP 323587	30.13 -0.74 0.00	27.36 -0.96 0.00	24.91 -0.74 0.00	24.20 -0.75 0.00	25.21 -0.81 0.00	27.49 -0.70 0.00	33.36 -0.82 0.00	37.05 -1.42 0.00	36.91 -1.34 0.00	34.97 -0.90 0.00	35.72 -0.73 0.00	34.47 -0.63 0.00	35.65 -0.32 0.00	35.10 -0.11 0.00	35.49 -0.47 0.00	35.30 -0.61 0.00	39.20 -0.52 0.00	43.43 -0.62 0.00	44.40 -0.91 0.00	43.83 -1.03 0.00	40.50 -0.70 0.00	34.38 -0.88 0.00	32.97 0.16 0.00	31.32 -0.03 0.00
UPPER HUDSON___HYD 24058	32.72 1.85 0.00	30.02 1.70 0.00	27.25 1.59 0.00	26.47 1.52 0.00	27.60 1.59 0.00	30.00 1.81 0.00	36.30 2.12 0.00	40.78 2.31 0.00	40.55 2.30 0.00	38.01 2.15 0.00	38.60 2.15 0.00	37.18 2.07 0.00	37.86 1.98 0.09	36.89 1.79 0.10	37.56 1.87 0.27	37.92 2.01 0.00	42.06 2.34 0.00	47.05 3.00 0.00	48.53 3.22 0.00	48.00 3.14 0.00	43.87 2.68 0.00	37.45 2.19 0.00	34.64 1.84 0.00	33.11 1.75 0.00
UPPER RAQUET___HYD 24056	14.08 -0.71 16.08	12.96 -0.62 14.74	12.96 -0.56 12.13	13.34 -0.55 11.06	13.58 -0.57 11.87	14.09 -0.59 13.51	23.63 -0.61 9.93	25.97 -0.65 11.84	37.64 -0.61 0.00	35.25 -0.61 0.01	31.19 -0.69 4.57	23.73 -0.70 10.67	31.11 -0.79 4.07	31.23 -0.77 3.20	30.10 -0.79 5.06	32.58 -0.82 2.51	37.94 -1.15 0.63	23.04 -1.76 19.25	19.77 -1.86 23.68	20.29 -1.80 22.78	18.08 -1.61 21.51	15.49 -1.30 18.47	14.77 -1.12 16.92	14.14 -0.91 16.30
VALLEY44_115KV_TB2 355964	29.61 -1.27 0.00	26.88 -1.44 0.00	24.50 -1.15 0.00	23.80 -1.15 0.00	24.87 -1.14 0.00	27.26 -0.93 0.00	33.19 -0.99 0.00	36.82 -1.65 0.00	36.53 -1.72 0.00	34.50 -1.36 0.00	35.32 -1.13 0.00	34.19 -0.91 0.00	35.39 -0.58 0.00	34.99 -0.21 0.00	35.31 -0.65 0.00	34.94 -0.97 0.00	39.08 -0.64 0.00	43.17 -0.88 0.00	44.04 -1.27 0.00	43.56 -1.30 0.00	40.21 -0.99 0.00	34.03 -1.23 0.00	32.67 -0.13 0.00	31.13 -0.22 0.00
VALLEY___115KV_TB 1-4 80826	31.68 -0.15 -0.96	29.06 -0.14 -0.88	26.22 -0.15 -0.72	25.46 -0.15 -0.66	26.57 -0.16 -0.71	28.83 -0.17 -0.81	34.60 -0.17 -0.59	38.98 -0.19 -0.71	38.06 -0.19 0.00	35.83 -0.04 0.00	36.69 -0.04 -0.27	35.78 0.04 -0.64	36.21 0.00 -0.24	35.43 0.04 -0.19	36.29 0.04 -0.30	36.09 0.04 -0.15	39.83 0.08 -0.04	45.29 0.09 -1.15	46.90 0.18 -1.41	46.40 0.18 -1.36	42.64 0.16 -1.28	36.54 0.18 -1.10	33.97 0.16 -1.01	32.48 0.16 -0.97
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.45 1.57 0.00	29.79 1.47 0.00	26.96 1.31 0.00	26.22 1.27 0.00	27.32 1.30 0.00	29.60 1.41 0.00	35.99 1.81 0.00	40.47 2.00 0.00	40.40 2.14 0.00	38.12 2.26 0.00	38.64 2.19 0.00	37.25 2.14 0.00	38.06 2.09 0.00	37.24 2.04 0.00	38.04 2.09 0.00	37.88 1.97 0.00	41.86 2.14 0.00	46.47 2.42 0.00	47.94 2.63 0.00	47.38 2.51 0.00	43.46 2.27 0.00	37.20 1.94 0.00	34.57 1.77 0.00	33.01 1.66 0.00
VISCHER___FERRY HYD 24020	31.89 1.02 0.00	29.28 0.96 0.00	26.58 0.92 0.00	25.87 0.92 0.00	26.98 0.96 0.00	29.26 1.07 0.00	35.34 1.16 0.00	39.78 1.31 0.00	39.36 1.11 0.00	36.83 0.97 0.00	37.40 0.95 0.00	35.98 0.88 0.00	36.67 0.83 0.12	35.80 0.74 0.14	36.42 0.83 0.36	36.81 0.90 0.00	40.87 1.15 0.00	45.55 1.50 0.00	47.03 1.72 0.00	46.48 1.61 0.00	42.52 1.32 0.00	36.36 1.09 0.00	33.69 0.89 0.00	32.33 0.97 0.00
V_A_10_SYNC_DSASP 323832	29.48 -1.39 0.00	26.82 -1.50 0.00	24.35 -1.31 0.00	23.65 -1.30 0.00	24.66 -1.35 0.00	26.90 -1.30 0.00	32.57 -1.61 0.00	35.89 -2.58 0.00	35.73 -2.53 0.00	33.85 -2.01 0.00	34.63 -1.82 0.00	33.46 -1.65 0.00	34.64 -1.33 0.00	34.07 -1.13 0.00	34.34 -1.62 0.00	34.11 -1.79 0.00	38.01 -1.71 0.00	42.07 -1.98 0.00	42.82 -2.49 0.00	42.31 -2.56 0.00	39.18 -2.02 0.00	33.29 -1.97 0.00	32.21 -0.59 0.00	30.69 -0.66 0.00
V_CMM_10_SYNC_DSASP 323787	9.82 -0.86 20.19	9.06 -0.76 18.50	9.73 -0.69 15.23	10.39 -0.67 13.89	10.42 -0.70 14.90	10.44 -0.79 16.96	20.75 -0.96 12.47	22.56 -1.04 14.87	37.30 -0.95 0.00	34.89 -0.97 0.01	29.73 -0.98 5.74	20.72 -0.98 13.40	29.81 -1.04 5.11	30.17 -1.02 4.01	28.55 -1.04 6.36	31.72 -1.04 3.15	37.70 -1.23 0.78	18.43 -1.45 24.17	14.04 -1.54 29.73	14.83 -1.44 28.60	12.92 -1.28 27.00	10.98 -1.09 23.19	10.54 -1.02 21.24	9.95 -0.94 20.46
V_CMP_10_SYNC_DSASP 323788	8.72 -2.13 20.02	8.19 -1.78 18.34	9.04 -1.51 15.10	9.76 -1.42 13.77	9.79 -1.46 14.77	9.80 -1.58 16.82	20.04 -1.78 12.36	21.77 -1.96 14.74	36.42 -1.84 0.00	34.06 -1.79 0.01	28.90 -1.86 5.69	19.96 -1.86 13.28	29.03 -1.87 5.07	29.18 -2.04 3.98	27.67 -1.98 6.30	30.81 -1.97 3.12	36.75 -2.18 0.78	17.71 -2.38 23.96	13.16 -2.67 29.47	13.96 -2.56 28.35	11.87 -2.55 26.77	9.99 -2.29 22.99	9.61 -2.13 21.06	8.87 -2.20 20.29
V_D_10_SYNC_DSASP 323841	10.63 -0.71 19.54	9.80 -0.62 17.90	10.35 -0.56 14.74	10.97 -0.55 13.44	11.03 -0.57 14.41	11.13 -0.65 16.41	21.36 -0.75 12.06	23.27 -0.81 14.39	37.49 -0.76 0.00	35.10 -0.75 0.01	30.09 -0.80 5.56	21.34 -0.81 12.96	30.16 -0.86 4.94	30.47 -0.85 3.88	28.94 -0.86 6.15	32.00 -0.86 3.05	37.89 -1.07 0.76	19.35 -1.32 23.38	15.19 -1.36 28.77	15.94 -1.26 27.67	13.96 -1.11 26.13	11.88 -0.95 22.43	11.36 -0.88 20.55	10.74 -0.82 19.80
V_E_10_SYNC_DSASP 323830	32.88 2.01 0.00	30.08 1.76 0.00	27.19 1.54 0.00	26.47 1.52 0.00	27.58 1.56 0.00	30.08 1.89 0.00	36.88 2.70 0.00	41.43 2.96 0.00	41.01 2.76 0.00	38.77 2.90 0.00	39.22 2.77 0.00	37.84 2.74 0.00	38.67 2.70 0.00	38.02 2.82 0.00	38.80 2.84 0.00	38.57 2.66 0.00	42.90 3.18 0.00	47.62 3.57 0.00	49.39 4.08 0.00	48.72 3.86 0.00	44.66 3.46 0.00	38.19 2.93 0.00	35.65 2.85 0.00	33.80 2.45 0.00
V_F_30_NSYNC___DSASP 323816	32.38 1.51 0.00	29.74 1.42 0.00	26.96 1.31 0.00	26.22 1.27 0.00	27.34 1.33 0.00	29.69 1.49 0.00	35.89 1.71 0.00	40.32 1.85 0.00	40.01 1.76 0.00	37.48 1.62 0.00	38.10 1.64 0.00	36.65 1.54 0.00	37.38 1.51 0.10	36.43 1.34 0.11	37.11 1.44 0.28	37.45 1.54 0.00	41.54 1.83 0.00	46.38 2.33 0.00	47.85 2.54 0.00	47.33 2.47 0.00	43.30 2.10 0.00	36.99 1.73 0.00	34.24 1.44 0.00	32.80 1.44 0.00

V_F_30_SYNC_DSASP 323786	31.37 0.49 0.00	28.83 0.51 0.00	26.14 0.49 0.00	25.43 0.47 0.00	26.48 0.47 0.00	28.70 0.51 0.00	34.73 0.55 0.00	39.08 0.62 0.00	38.75 0.50 0.00	36.29 0.43 0.00	36.85 0.40 0.00	35.46 0.35 0.00	36.21 0.32 0.09	35.35 0.25 0.10	35.99 0.29 0.25	36.30 0.39 0.00	40.19 0.48 0.00	44.80 0.75 0.00	46.22 0.91 0.00	45.72 0.85 0.00	41.82 0.62 0.00	35.76 0.49 0.00	33.10 0.30 0.00	31.73 0.38 0.00
V_XM_10_SYNC_DSASP 323789	8.72 -2.13 20.02	8.19 -1.78 18.34	9.04 -1.51 15.10	9.76 -1.42 13.77	9.79 -1.46 14.77	9.80 -1.58 16.82	20.04 -1.78 12.36	21.77 -1.96 14.74	36.42 -1.84 0.00	34.06 -1.79 0.01	28.90 -1.86 5.69	19.96 -1.86 13.28	29.03 -1.87 5.07	29.18 -2.04 3.98	27.67 -1.98 6.30	30.81 -1.97 3.12	36.75 -2.18 0.78	17.71 -2.38 23.96	13.16 -2.67 29.47	13.96 -2.56 28.35	11.87 -2.55 26.77	9.99 -2.29 22.99	9.61 -2.13 21.06	8.87 -2.20 20.29
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.45 1.57 0.00	29.65 1.33 0.00	26.68 1.03 0.00	25.92 0.97 0.00	27.06 1.04 0.00	29.38 1.18 0.00	35.68 1.50 0.00	40.24 1.77 0.00	39.94 1.68 0.00	37.37 1.51 0.00	37.98 1.53 0.00	36.58 1.47 0.00	37.54 1.47 -0.09	36.72 1.41 -0.10	37.73 1.51 -0.27	37.42 1.51 0.00	41.54 1.83 0.00	46.21 2.16 0.00	47.53 2.22 0.00	47.02 2.15 0.00	43.05 1.85 0.00	36.85 1.59 0.00	33.98 1.18 0.00	32.61 1.25 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.70 1.82 -0.01	29.82 1.50 0.00	27.04 1.39 0.00	26.25 1.30 0.00	27.45 1.43 0.00	29.74 1.55 0.00	36.24 2.05 -0.01	40.96 2.46 -0.03	42.14 2.33 -1.56	39.32 2.12 -1.34	42.15 2.19 -3.51	44.11 2.11 -6.90	44.10 2.12 -6.00	43.80 2.08 -6.52	42.07 2.16 -3.96	43.84 2.19 -5.74	48.00 2.54 -5.74	47.02 2.95 -0.01	48.31 2.99 -0.01	47.79 2.92 -0.01	43.72 2.51 -0.01	38.53 2.15 -1.11	34.51 1.71 -0.01	33.08 1.72 -0.01
W50THST__13_KV_LOAD 356117	32.89 2.01 -0.01	29.96 1.64 0.00	27.07 1.41 0.00	26.27 1.32 0.00	27.47 1.46 0.00	29.77 1.58 0.00	36.27 2.08 -0.01	41.00 2.50 -0.03	42.18 2.37 -1.56	39.36 2.15 -1.34	42.19 2.22 -3.51	44.15 2.14 -6.90	44.17 2.19 -6.00	43.83 2.11 -6.52	42.11 2.19 -3.96	43.88 2.23 -5.74	48.04 2.58 -5.74	47.06 3.00 -0.01	48.35 3.04 -0.01	47.83 2.96 -0.01	43.76 2.55 -0.01	38.56 2.19 -1.11	34.55 1.74 -0.01	33.12 1.76 -0.01
WADING RIVER_IC_1 23522	33.97 0.68 -2.42	27.14 0.45 1.63	28.38 0.56 -2.16	26.83 0.37 -1.50	28.01 0.39 -1.61	33.24 0.53 -4.52	37.20 0.89 -2.13	40.59 1.35 -0.77	39.48 1.22 0.00	38.85 1.00 -1.99	37.69 1.24 0.00	39.58 1.12 -3.35	37.57 1.12 -0.48	37.94 1.16 -1.58	37.58 1.33 -0.29	38.14 1.47 -0.76	42.76 1.75 -1.30	46.30 2.25 0.00	47.57 2.26 0.00	47.06 2.20 0.00	43.13 1.94 0.00	38.79 1.52 -2.01	34.27 0.59 -0.87	32.10 0.75 0.00
WADING RIVER_IC_2 23547	33.97 0.68 -2.42	27.14 0.45 1.63	28.38 0.56 -2.16	26.83 0.37 -1.50	28.01 0.39 -1.61	33.24 0.53 -4.52	37.20 0.89 -2.13	40.59 1.35 -0.77	39.48 1.22 0.00	38.85 1.00 -1.99	37.69 1.24 0.00	39.58 1.12 -3.35	37.57 1.12 -0.48	37.94 1.16 -1.58	37.58 1.33 -0.29	38.14 1.47 -0.76	42.76 1.75 -1.30	46.30 2.25 0.00	47.57 2.26 0.00	47.06 2.20 0.00	43.13 1.94 0.00	38.79 1.52 -2.01	34.27 0.59 -0.87	32.10 0.75 0.00
WADING RIVER_IC_3 23601	33.97 0.68 -2.42	27.14 0.45 1.63	28.38 0.56 -2.16	26.83 0.37 -1.50	28.01 0.39 -1.61	33.24 0.53 -4.52	37.20 0.89 -2.13	40.59 1.35 -0.77	39.48 1.22 0.00	38.85 1.00 -1.99	37.69 1.24 0.00	39.58 1.12 -3.35	37.57 1.12 -0.48	37.94 1.16 -1.58	37.58 1.33 -0.29	38.14 1.47 -0.76	42.76 1.75 -1.30	46.30 2.25 0.00	47.57 2.26 0.00	47.06 2.20 0.00	43.13 1.94 0.00	38.79 1.52 -2.01	34.27 0.59 -0.87	32.10 0.75 0.00
WALDENNY_12_KV_BK2 80841	29.70 -1.17 0.00	26.88 -1.44 0.00	24.47 -1.18 0.00	23.80 -1.15 0.00	24.84 -1.17 0.00	27.15 -1.04 0.00	32.91 -1.26 0.00	36.39 -2.08 0.00	36.23 -2.03 0.00	34.32 -1.54 0.00	35.21 -1.24 0.00	34.05 -1.05 0.00	35.32 -0.65 0.00	34.92 -0.28 0.00	35.13 -0.83 0.00	34.72 -1.18 0.00	38.80 -0.91 0.00	42.82 -1.23 0.00	43.63 -1.68 0.00	43.07 -1.79 0.00	39.92 -1.28 0.00	33.78 -1.48 0.00	32.80 0.00 0.00	31.23 -0.13 0.00
WALDEN__HYDRO 24148	32.26 1.39 0.00	29.48 1.16 0.00	26.60 0.95 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.29 1.10 0.00	35.55 1.37 0.00	40.05 1.58 0.00	39.71 1.45 0.00	37.15 1.29 0.00	37.77 1.31 0.00	36.33 1.23 0.00	37.31 1.26 -0.08	36.49 1.20 -0.09	37.47 1.29 -0.22	37.20 1.29 0.00	41.31 1.59 0.00	45.95 1.89 0.00	47.26 1.95 0.00	46.79 1.93 0.00	42.85 1.65 0.00	36.64 1.38 0.00	33.82 1.02 0.00	32.48 1.13 0.00
WARRENSBURG____ 23737	32.72 1.85 0.00	30.02 1.70 0.00	27.25 1.59 0.00	26.47 1.52 0.00	27.60 1.59 0.00	30.00 1.81 0.00	36.30 2.12 0.00	40.78 2.31 0.00	40.55 2.30 0.00	38.01 2.15 0.00	38.60 2.15 0.00	37.18 2.07 0.00	37.86 1.98 0.09	36.89 1.79 0.10	37.56 1.87 0.27	37.92 2.01 0.00	42.06 2.34 0.00	47.05 3.00 0.00	48.53 3.22 0.00	48.00 3.14 0.00	43.87 2.68 0.00	37.45 2.19 0.00	34.64 1.84 0.00	33.11 1.75 0.00
WATERSIDE____6 8 9 23538	32.70 1.82 -0.01	29.82 1.50 0.00	26.96 1.31 0.00	26.17 1.22 0.00	27.37 1.35 0.00	29.63 1.44 0.00	36.00 1.81 -0.01	40.58 2.08 -0.03	41.86 1.95 -1.66	39.05 1.76 -1.43	42.03 1.82 -3.75	44.23 1.76 -7.37	44.14 1.76 -6.40	43.84 1.69 -6.95	41.92 1.76 -4.21	43.84 1.80 -6.13	47.95 2.11 -6.13	46.58 2.51 -0.02	47.95 2.63 -0.01	47.43 2.56 -0.01	43.35 2.14 -0.01	38.32 1.87 -1.19	34.32 1.51 -0.01	32.96 1.60 -0.01
WATKINRD_115KV_LN8_ILLION 55919	31.86 0.03 -0.96	29.23 0.03 -0.88	26.40 0.03 -0.72	25.64 0.02 -0.66	26.75 0.03 -0.71	29.03 0.03 -0.81	34.81 0.03 -0.59	39.21 0.04 -0.71	38.25 0.00 0.00	35.90 0.04 0.00	36.76 0.04 -0.27	35.78 0.04 -0.64	36.21 0.00 -0.24	35.39 0.00 -0.19	36.26 0.00 -0.30	36.06 0.00 -0.15	39.79 0.04 -0.04	45.29 0.09 -1.15	46.90 0.18 -1.41	46.36 0.13 -1.36	42.60 0.12 -1.28	36.47 0.11 -1.10	33.84 0.03 -1.01	32.36 0.03 -0.97
WATSON__69_KV_BK 1 55734	35.48 2.19 -2.42	30.76 1.81 -0.63	29.48 1.67 -2.16	27.98 1.52 -1.50	29.23 1.61 -1.61	34.54 1.83 -4.52	38.70 2.39 -2.13	42.17 2.92 -0.77	41.05 2.79 0.00	40.36 2.51 -1.99	39.15 2.70 0.00	41.09 2.63 -3.35	39.08 2.63 -0.48	39.42 2.64 -1.58	38.87 2.62 -0.29	39.47 2.80 -0.76	44.31 3.30 -1.30	48.06 4.01 0.00	49.43 4.12 0.00	49.04 4.17 0.00	44.37 3.17 0.00	40.20 2.93 -2.01	35.81 2.13 -0.87	33.42 2.07 0.00
WDELAWARE__HYD 323627	32.45 1.57 0.00	29.65 1.33 0.00	26.78 1.13 0.00	26.02 1.07 0.00	27.16 1.14 0.00	29.46 1.27 0.00	35.79 1.61 0.00	40.32 1.85 0.00	39.98 1.72 0.00	37.40 1.54 0.00	37.98 1.53 0.00	36.54 1.44 0.00	37.50 1.48 -0.06	36.68 1.41 -0.07	37.71 1.58 -0.17	37.45 1.54 0.00	41.66 1.95 0.00	46.21 2.16 0.00	47.57 2.26 0.00	47.11 2.24 0.00	43.17 1.98 0.00	36.92 1.66 0.00	34.11 1.31 0.00	32.73 1.38 0.00

WEST BABYLON___IC 23714	35.51 2.22 -2.42	30.64 1.87 -0.45	29.48 1.67 -2.16	28.03 1.57 -1.50	29.29 1.66 -1.61	34.57 1.86 -4.52	38.70 2.39 -2.13	42.09 2.85 -0.77	40.97 2.72 0.00	40.29 2.44 -1.99	39.04 2.59 0.00	40.98 2.53 -3.35	38.97 2.52 -0.48	39.28 2.50 -1.58	38.76 2.52 -0.29	39.32 2.66 -0.76	44.11 3.10 -1.30	47.80 3.74 0.00	49.16 3.85 0.00	48.72 3.86 0.00	44.20 3.01 0.00	40.06 2.79 -2.01	35.77 2.10 -0.87	33.42 2.07 0.00
WEST CANADA___HYD 24049	32.02 0.19 -0.96	29.37 0.17 -0.88	26.53 0.15 -0.72	25.76 0.15 -0.66	26.88 0.16 -0.71	29.17 0.17 -0.81	34.98 0.21 -0.59	39.41 0.23 -0.71	38.45 0.19 0.00	36.08 0.22 0.00	36.91 0.18 -0.27	35.92 0.18 -0.64	36.39 0.18 -0.24	35.57 0.18 -0.19	36.44 0.18 -0.30	36.24 0.18 -0.15	39.99 0.24 -0.04	45.51 0.31 -1.15	47.08 0.36 -1.41	46.54 0.32 -1.36	42.73 0.25 -1.28	36.58 0.21 -1.10	33.98 0.16 -1.01	32.51 0.19 -0.97
WESTERN_NY_WIND 24143	30.16 -0.71 0.00	27.27 -1.05 0.00	24.89 -0.77 0.00	24.18 -0.77 0.00	25.16 -0.86 0.00	27.49 -0.70 0.00	33.39 -0.79 0.00	36.93 -1.54 0.00	36.76 -1.49 0.00	34.89 -0.97 0.00	35.65 -0.80 0.00	34.44 -0.67 0.00	35.68 -0.29 0.00	35.27 0.07 0.00	35.56 -0.40 0.00	35.26 -0.65 0.00	39.28 -0.44 0.00	43.52 -0.53 0.00	44.45 -0.86 0.00	43.88 -0.99 0.00	40.62 -0.58 0.00	34.38 -0.88 0.00	33.29 0.49 0.00	31.60 0.25 0.00
WESTOVER___LESR 323668	30.90 0.03 0.00	28.26 -0.06 0.00	25.68 0.03 0.00	24.95 0.00 0.00	26.04 0.03 0.00	28.31 0.11 0.00	34.42 0.24 0.00	38.66 0.19 0.00	38.37 0.11 0.00	36.04 0.18 0.00	36.71 0.26 0.00	35.39 0.28 0.00	36.37 0.40 0.00	35.70 0.49 0.00	36.35 0.40 0.00	36.23 0.32 0.00	40.27 0.56 0.00	44.67 0.62 0.00	45.81 0.50 0.00	45.31 0.45 0.00	41.65 0.45 0.00	35.58 0.32 0.00	33.36 0.56 0.00	31.79 0.44 0.00
WETHRSFD_WT_PWR 323626	29.14 -1.73 0.00	26.54 -1.78 0.00	24.12 -1.54 0.00	23.45 -1.50 0.00	24.48 -1.53 0.00	26.76 -1.44 0.00	32.51 -1.67 0.00	36.16 -2.31 0.00	36.03 -2.22 0.00	34.07 -1.79 0.00	34.92 -1.53 0.00	33.77 -1.33 0.00	34.96 -1.01 0.00	34.50 -0.70 0.00	34.84 -1.11 0.00	34.58 -1.33 0.00	38.68 -1.03 0.00	42.82 -1.23 0.00	43.63 -1.68 0.00	43.11 -1.75 0.00	39.80 -1.40 0.00	33.82 -1.45 0.00	32.61 -0.20 0.00	31.07 -0.28 0.00
WHAVSTOR_138KV_BK127 55557	32.32 1.45 0.00	29.57 1.25 0.00	26.60 0.95 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.29 1.10 0.00	35.55 1.37 0.00	40.12 1.65 0.00	39.78 1.53 0.00	37.22 1.36 0.00	37.84 1.39 0.00	36.44 1.33 0.00	37.39 1.33 -0.09	36.58 1.27 -0.11	37.59 1.37 -0.27	37.27 1.36 0.00	41.35 1.63 0.00	46.03 1.98 0.00	47.35 2.04 0.00	46.84 1.97 0.00	42.89 1.69 0.00	36.71 1.45 0.00	33.85 1.05 0.00	32.51 1.16 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.32 1.45 0.00	29.57 1.25 0.00	26.60 0.95 0.00	25.85 0.90 0.00	26.98 0.96 0.00	29.29 1.10 0.00	35.55 1.37 0.00	40.12 1.65 0.00	39.78 1.53 0.00	37.22 1.36 0.00	37.84 1.39 0.00	36.44 1.33 0.00	37.39 1.33 -0.09	36.58 1.27 -0.11	37.59 1.37 -0.27	37.27 1.36 0.00	41.35 1.63 0.00	46.03 1.98 0.00	47.35 2.04 0.00	46.84 1.97 0.00	42.89 1.69 0.00	36.71 1.45 0.00	33.85 1.05 0.00	32.51 1.16 0.00
WHITEHAL_115KV_TB1 80871	33.43 2.56 0.00	30.67 2.35 0.00	27.81 2.15 0.00	27.02 2.07 0.00	28.17 2.16 0.00	30.67 2.48 0.00	37.15 2.97 0.00	41.62 3.15 0.00	41.47 3.21 0.00	38.87 3.01 0.00	39.48 3.03 0.00	38.02 2.91 0.00	38.72 2.84 0.10	37.63 2.53 0.11	38.34 2.66 0.28	38.78 2.87 0.00	42.97 3.26 0.00	48.19 4.14 0.00	49.75 4.44 0.00	49.22 4.35 0.00	44.95 3.75 0.00	38.30 3.03 0.00	35.39 2.59 0.00	33.77 2.41 0.00
WHITEPLN_13_KV_LOAD 356215	32.69 1.82 0.00	29.85 1.53 0.00	26.96 1.31 0.00	26.17 1.22 0.00	27.37 1.35 0.00	29.69 1.49 0.00	36.02 1.85 0.00	40.70 2.23 0.00	40.40 2.14 0.00	37.80 1.94 0.00	38.42 1.97 0.00	37.00 1.90 0.00	38.01 1.94 -0.10	37.22 1.90 -0.11	38.22 1.98 -0.29	37.88 1.97 0.00	42.02 2.30 0.00	46.78 2.73 0.00	48.07 2.76 0.00	47.56 2.69 0.00	43.50 2.31 0.00	37.27 2.01 0.00	34.34 1.54 0.00	32.89 1.54 0.00
WM_FLOYD_69_KV_BK2 356380	34.56 1.27 -2.42	25.40 0.99 3.91	28.81 1.00 -2.16	27.28 0.82 -1.50	28.51 0.88 -1.61	33.75 1.04 -4.52	37.81 1.50 -2.13	41.24 2.00 -0.77	40.17 1.91 0.00	39.46 1.61 -1.99	38.24 1.79 0.00	40.21 1.76 -3.35	38.14 1.69 -0.48	38.58 1.80 -1.58	38.01 1.76 -0.29	38.68 2.01 -0.76	43.51 2.50 -1.30	47.27 3.22 0.00	48.62 3.31 0.00	48.19 3.32 0.00	43.50 2.31 0.00	39.43 2.15 -2.01	34.99 1.31 -0.87	32.64 1.29 0.00
WOODARD___115KV_TB2 355635	31.06 0.19 0.00	28.43 0.11 0.00	25.76 0.10 0.00	25.08 0.12 0.00	26.15 0.13 0.00	28.36 0.17 0.00	34.52 0.34 0.00	38.85 0.38 0.00	38.60 0.34 0.00	36.22 0.36 0.00	36.85 0.40 0.00	35.53 0.42 0.00	36.47 0.50 0.00	35.70 0.49 0.00	36.42 0.47 0.00	36.30 0.39 0.00	40.23 0.52 0.00	44.58 0.53 0.00	45.81 0.50 0.00	45.31 0.45 0.00	41.61 0.41 0.00	35.65 0.39 0.00	33.29 0.49 0.00	31.70 0.34 0.00
YORK___WARBASSE 23770	32.93 2.04 -0.02	30.02 1.70 0.00	27.14 1.49 0.00	26.32 1.37 0.00	27.52 1.51 0.00	29.77 1.58 0.00	36.20 2.02 -0.01	40.65 2.15 -0.03	41.98 2.07 -1.66	39.12 1.83 -1.43	42.14 1.93 -3.75	44.34 1.86 -7.37	44.24 1.87 -6.40	43.99 1.83 -6.95	42.07 1.91 -4.21	43.98 1.94 -6.13	48.07 2.22 -6.13	46.71 2.64 -0.02	48.08 2.76 -0.01	47.57 2.69 -0.01	43.55 2.35 -0.01	38.57 2.12 -1.19	34.56 1.74 -0.02	33.19 1.82 -0.02