

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/19/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	31.70	29.74	24.39	24.72	27.27	26.25	31.04	28.98	22.32	21.34	23.77	22.37	23.84	28.14	28.86	33.89	33.68	44.89	42.07	30.65	29.00	24.92	24.01	22.82
24138	1.53	1.39	1.14	-0.16	-0.29	-0.27	-0.02	1.60	0.85	1.27	1.21	1.11	1.11	0.54	1.03	1.66	1.86	2.67	2.59	1.87	1.63	1.55	1.43	1.30
	-5.70	-6.50	-5.38	-27.35	-32.27	-30.68	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
74TH STREET_GT_1	31.67	29.70	24.37	24.73	27.28	26.26	31.04	28.94	22.30	21.31	23.75	22.35	23.82	28.13	28.85	33.88	33.66	44.86	42.05	30.66	28.98	24.90	23.99	22.79
24260	1.50	1.36	1.11	-0.15	-0.28	-0.25	-0.02	1.56	0.83	1.24	1.19	1.09	1.09	0.53	1.02	1.64	1.84	2.64	2.57	1.88	1.62	1.52	1.41	1.27
	-5.70	-6.50	-5.38	-27.35	-32.27	-30.68	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
74TH STREET_GT_2	31.67	29.70	24.37	24.73	27.28	26.26	31.04	28.94	22.30	21.31	23.75	22.35	23.82	28.13	28.85	33.88	33.66	44.86	42.05	30.66	28.98	24.90	23.99	22.79
24261	1.50	1.36	1.11	-0.15	-0.28	-0.25	-0.02	1.56	0.83	1.24	1.19	1.09	1.09	0.53	1.02	1.64	1.84	2.64	2.57	1.88	1.62	1.52	1.41	1.27
	-5.70	-6.50	-5.38	-27.35	-32.27	-30.68	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
ADK HUDSON___FALLS	33.21	31.37	25.76	31.05	34.71	33.33	38.31	29.65	24.17	21.44	24.72	23.40	25.29	32.56	31.67	35.50	34.65	45.41	42.49	30.71	29.25	24.81	24.15	23.12
24011	1.72	1.52	1.25	-0.17	-0.32	-0.29	-0.02	1.75	0.92	1.37	1.22	1.08	1.15	0.62	1.20	1.96	2.12	3.19	2.85	1.93	1.70	1.43	1.57	1.48
	-7.02	-8.01	-6.62	-33.68	-39.74	-37.78	-38.62	-2.75	-9.44	0.00	-5.02	-5.65	-7.52	-23.09	-14.00	-6.96	-3.74	0.00	-0.81	0.00	-1.00	0.00	0.00	-0.66
ADK RESOURCE___RCVRY	33.43	31.54	25.90	31.05	34.71	33.32	38.32	29.85	24.27	21.62	24.87	23.54	25.42	32.66	31.85	35.82	35.02	45.95	42.90	30.96	29.45	24.96	24.29	23.28
23798	1.94	1.69	1.39	-0.18	-0.35	-0.32	-0.02	1.94	1.01	1.55	1.37	1.20	1.28	0.71	1.38	2.27	2.49	3.73	3.27	2.19	1.90	1.58	1.71	1.63
	-7.02	-8.01	-6.63	-33.70	-39.76	-37.80	-38.64	-2.75	-9.44	0.00	-5.02	-5.65	-7.52	-23.11	-14.01	-6.97	-3.75	0.00	-0.81	0.00	-1.00	0.00	0.00	-0.66
ADK S GLENS___FALLS	33.21	31.37	25.76	31.05	34.71	33.33	38.31	29.65	24.17	21.44	24.72	23.40	25.29	32.56	31.67	35.50	34.65	45.41	42.49	30.71	29.25	24.81	24.15	23.12
24028	1.72	1.52	1.25	-0.17	-0.32	-0.29	-0.02	1.75	0.92	1.37	1.22	1.08	1.15	0.62	1.20	1.96	2.12	3.19	2.85	1.93	1.70	1.43	1.57	1.48
	-7.02	-8.01	-6.62	-33.68	-39.74	-37.78	-38.62	-2.75	-9.44	0.00	-5.02	-5.65	-7.52	-23.09	-14.00	-6.96	-3.74	0.00	-0.81	0.00	-1.00	0.00	0.00	-0.66
ADK_NYS___DAM	32.36	30.53	25.07	30.04	33.57	32.23	37.08	28.91	23.53	20.91	24.16	22.86	24.63	31.62	30.84	34.67	33.71	44.31	41.57	30.23	28.95	24.60	23.82	22.74
23527	1.09	0.94	0.78	-0.10	-0.19	-0.18	-0.01	1.10	0.58	0.84	0.81	0.71	0.73	0.42	0.82	1.35	1.31	2.09	1.96	1.45	1.43	1.23	1.24	1.12
	-6.79	-7.75	-6.41	-32.61	-38.47	-36.58	-37.38	-2.66	-9.14	0.00	-4.86	-5.47	-7.28	-22.35	-13.56	-6.74	-3.62	0.00	-0.79	0.00	-0.96	0.00	0.00	-0.64
AIR_PRODUCTS___DRP	31.49	29.79	24.50	30.24	33.88	32.52	37.23	28.07	23.15	20.32	23.61	22.41	24.13	31.38	30.29	33.70	32.78	42.77	40.18	29.21	27.92	23.70	22.90	21.91
24190	0.19	0.17	0.18	-0.02	-0.04	-0.03	0.00	0.24	0.17	0.25	0.25	0.24	0.20	0.10	0.21	0.35	0.36	0.56	0.57	0.43	0.40	0.33	0.32	0.28
	-6.82	-7.78	-6.44	-32.73	-38.62	-36.72	-37.53	-2.68	-9.17	0.00	-4.87	-5.49	-7.31	-22.44	-13.61	-6.77	-3.64	0.00	-0.79	0.00	-0.97	0.00	0.00	-0.64
AKWESSNE_115KV_BK	24.44	21.02	16.84	-1.23	-3.07	-2.64	0.90	23.25	12.84	18.01	16.31	14.97	15.15	8.79	15.75	25.83	27.69	40.14	36.63	28.18	26.14	22.08	21.08	19.87
355683	-0.25	-1.06	-1.24	0.21	0.43	0.38	0.02	-1.98	-1.26	-2.07	-2.33	-1.88	-1.71	-0.75	-1.15	-0.96	-1.21	-2.07	-2.22	-0.59	-0.45	-1.30	-1.49	-1.13
	-0.21	-0.24	-0.20	-1.02	-1.21	-1.15	-1.17	-0.09	-0.29	0.00	-0.15	-0.17	-0.23	-0.70	-0.43	-0.21	-0.11	0.00	-0.03	0.00	-0.03	0.00	0.00	-0.02
ALBANY___1	31.49	29.79	24.50	30.24	33.88	32.52	37.23	28.07	23.15	20.32	23.61	22.41	24.13	31.38	30.29	33.70	32.78	42.77	40.18	29.21	27.92	23.70	22.90	21.91
23571	0.19	0.17	0.18	-0.02	-0.04	-0.03	0.00	0.24	0.17	0.25	0.25	0.24	0.20	0.10	0.21	0.35	0.36	0.56	0.57	0.43	0.40	0.33	0.32	0.28
	-6.82	-7.78	-6.44	-32.73	-38.62	-36.72	-37.53	-2.68	-9.17	0.00	-4.87	-5.49	-7.31	-22.44	-13.61	-6.77	-3.64	0.00	-0.79	0.00	-0.97	0.00	0.00	-0.64
ALBANY___2	31.49	29.79	24.50	30.24	33.88	32.52	37.23	28.07	23.15	20.32	23.61	22.41	24.13	31.38	30.29	33.70	32.78	42.77	40.18	29.21	27.92	23.70	22.90	21.91
23572	0.19	0.17	0.18	-0.02	-0.04	-0.03	0.00	0.24	0.17	0.25	0.25	0.24	0.20	0.10	0.21	0.35	0.36	0.56	0.57	0.43	0.40	0.33	0.32	0.28
	-6.82	-7.78	-6.44	-32.73	-38.62	-36.72	-37.53	-2.68	-9.17	0.00	-4.87	-5.49	-7.31	-22.44	-13.61	-6.77	-3.64	0.00	-0.79	0.00	-0.97	0.00	0.00	-0.64
ALBANY___3	31.49	29.79	24.50	30.24	33.88	32.52	37.23	28.07	23.15	20.32	23.61	22.41	24.13	31.38	30.29	33.70	32.78	42.77	40.18	29.21	27.92	23.70	22.90	21.91
23573	0.19	0.17	0.18	-0.02	-0.04	-0.03	0.00	0.24	0.17	0.25	0.25	0.24	0.20	0.10	0.21	0.35	0.36	0.56	0.57	0.43	0.40	0.33	0.32	0.28
	-6.82	-7.78	-6.44	-32.73	-38.62	-36.72	-37.53	-2.68	-9.17	0.00	-4.87	-5.49	-7.31	-22.44	-13.61	-6.77	-3.64	0.00	-0.79	0.00	-0.97	0.00	0.00	-0.64

ALBANY___4 23574	31.49 0.19 -6.82	29.79 0.17 -7.78	24.50 0.18 -6.44	30.24 -0.02 -32.73	33.88 -0.04 -38.62	32.52 -0.03 -36.72	37.23 0.00 -37.53	28.07 0.24 -2.68	23.15 0.17 -9.17	20.32 0.25 0.00	23.61 0.25 -4.87	22.41 0.24 -5.49	24.13 0.20 -7.31	31.38 0.10 -22.44	30.29 0.21 -13.61	33.70 0.35 -6.77	32.78 0.36 -3.64	42.77 0.56 0.00	40.18 0.57 -0.79	29.21 0.43 0.00	27.92 0.40 -0.97	23.70 0.33 0.00	22.90 0.32 0.00	21.91 0.28 -0.64
ALBANY___LFGE 323615	31.80 0.45 -6.87	30.09 0.40 -7.85	24.73 0.36 -6.49	30.49 -0.05 -33.00	34.14 -0.09 -38.94	32.78 -0.08 -37.02	37.54 0.00 -37.84	28.35 0.50 -2.70	23.36 0.30 -9.25	20.51 0.43 0.00	23.84 0.44 -4.92	22.62 0.41 -5.54	24.37 0.39 -7.37	31.67 0.19 -22.63	30.58 0.39 -13.72	34.04 0.64 -6.82	33.13 0.68 -3.67	43.26 1.04 0.00	40.63 1.01 -0.79	29.51 0.74 0.00	28.21 0.67 -0.97	23.96 0.57 0.00	23.14 0.56 0.00	22.13 0.50 -0.65
ALCOA_PA_115KV_PL-6C 55860	24.59 -0.11 -0.22	21.16 -0.93 -0.25	16.96 -1.13 -0.21	-1.19 0.20 -1.08	-3.04 0.40 -1.27	-2.60 0.35 -1.21	0.96 0.02 -1.24	23.41 -1.82 -0.09	12.94 -1.18 -0.30	18.13 -1.95 0.00	16.43 -2.22 -0.16	15.08 -1.78 -0.18	15.27 -1.60 -0.24	8.90 -0.69 -0.74	15.88 -1.04 -0.45	26.02 -0.78 -0.22	27.90 -1.00 -0.12	40.45 -1.77 0.00	36.91 -1.94 -0.03	28.37 -0.40 0.00	26.32 -0.27 -0.03	22.24 -1.14 0.00	21.23 -1.35 0.00	20.02 -0.99 -0.02
ALCOA_RYNLDS___DRP 24188	24.59 -0.11 -0.22	21.16 -0.93 -0.25	16.96 -1.13 -0.21	-1.19 0.20 -1.08	-3.04 0.40 -1.27	-2.60 0.35 -1.21	0.96 0.02 -1.24	23.41 -1.82 -0.09	12.94 -1.18 -0.30	18.13 -1.95 0.00	16.43 -2.22 -0.16	15.08 -1.78 -0.18	15.27 -1.60 -0.24	8.90 -0.69 -0.74	15.88 -1.04 -0.45	26.02 -0.78 -0.22	27.90 -1.00 -0.12	40.45 -1.77 0.00	36.91 -1.94 -0.03	28.37 -0.40 0.00	26.32 -0.27 -0.03	22.24 -1.14 0.00	21.23 -1.35 0.00	20.02 -0.99 -0.02
ALCOA___DSASP 323711	24.58 -0.12 -0.22	21.16 -0.93 -0.25	16.96 -1.13 -0.21	-1.19 0.20 -1.08	-3.04 0.40 -1.27	-2.60 0.35 -1.21	0.96 0.02 -1.24	23.42 -1.82 -0.09	12.94 -1.18 -0.30	18.13 -1.95 0.00	16.42 -2.23 -0.16	15.08 -1.78 -0.18	15.27 -1.60 -0.24	8.89 -0.69 -0.74	15.88 -1.04 -0.45	26.02 -0.79 -0.22	27.91 -1.00 -0.12	40.45 -1.77 0.00	36.91 -1.95 -0.03	28.37 -0.41 0.00	26.32 -0.27 -0.03	22.24 -1.14 0.00	21.23 -1.35 0.00	20.02 -0.99 -0.02
ALLEGHENY___COGEN 23514	25.97 0.05 -1.44	23.71 0.22 -1.65	19.51 0.27 -1.36	4.42 -0.04 -6.93	3.37 -0.10 -8.18	3.50 -0.11 -7.78	7.65 0.00 -7.95	26.14 0.43 -0.57	16.06 0.30 -1.94	20.07 0.00 0.00	19.57 0.05 -1.03	17.80 -0.04 -1.16	18.03 -0.15 -1.55	13.41 -0.18 -4.75	18.91 -0.44 -2.88	27.43 -0.58 -1.43	29.73 0.17 -0.77	43.34 1.12 0.00	40.02 1.03 -0.17	29.28 0.50 0.00	27.20 0.44 -0.20	23.85 0.47 0.00	23.05 0.47 0.00	21.59 0.48 -0.14
ALTAMONT_115KV_TB 2 55880	31.85 0.56 -6.82	30.13 0.51 -7.79	24.75 0.43 -6.44	30.21 -0.06 -32.74	33.81 -0.11 -38.63	32.47 -0.10 -36.73	37.24 -0.01 -37.54	28.43 0.60 -2.68	23.32 0.33 -9.18	20.55 0.47 0.00	23.82 0.46 -4.87	22.58 0.41 -5.49	24.35 0.41 -7.31	31.51 0.21 -22.45	30.51 0.43 -13.61	34.04 0.69 -6.77	33.17 0.75 -3.64	43.35 1.13 0.00	40.71 1.09 -0.79	29.57 0.79 0.00	28.24 0.72 -0.97	24.00 0.63 0.00	23.20 0.62 0.00	22.18 0.56 -0.64
ALTONA_WT_PWR 323606	24.53 -0.16 -0.21	20.99 -1.09 -0.24	16.84 -1.24 -0.20	-1.24 0.21 -1.02	-3.06 0.45 -1.20	-2.64 0.39 -1.14	0.90 0.03 -1.17	23.04 -2.19 -0.08	12.61 -1.49 -0.28	17.63 -2.44 0.00	15.91 -2.72 -0.15	14.61 -2.23 -0.17	14.86 -1.99 -0.23	8.74 -0.80 -0.70	15.75 -1.14 -0.42	26.20 -0.60 -0.21	28.19 -0.70 -0.11	41.03 -1.19 0.00	37.45 -1.40 -0.03	28.67 -0.11 0.00	26.25 -0.34 -0.03	22.23 -1.15 0.00	21.21 -1.37 0.00	20.12 -0.88 -0.02
AMERICAN_REF_FUEL 24010	24.30 -1.52 -1.35	22.34 -1.04 -1.54	18.49 -0.67 -1.28	4.11 0.09 -6.49	3.08 0.13 -7.65	3.24 0.13 -7.28	7.15 0.01 -7.44	24.34 -1.34 -0.53	15.05 -0.58 -1.82	19.35 -0.73 0.00	18.78 -0.68 -0.97	17.16 -0.60 -1.09	17.38 -0.70 -1.45	12.79 -0.50 -4.45	18.07 -1.09 -2.70	25.93 -1.99 -1.34	27.52 -1.99 -0.72	39.76 -2.46 0.00	36.52 -2.47 -0.15	26.46 -2.31 0.00	24.67 -2.09 -0.19	21.68 -1.70 0.00	21.11 -1.47 0.00	19.91 -1.20 -0.13
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.01 -0.89 -1.42	23.06 -0.40 -1.62	19.02 -0.20 -1.34	4.39 0.04 -6.82	3.35 0.02 -8.04	3.48 0.00 -7.65	7.52 0.00 -7.82	25.27 -0.44 -0.56	15.62 -0.10 -1.91	19.98 -0.09 0.00	19.31 -0.19 -1.02	17.40 -0.42 -1.14	17.67 -0.47 -1.52	13.17 -0.34 -4.68	18.73 -0.57 -2.83	27.14 -0.84 -1.41	29.07 -0.47 -0.76	42.15 -0.07 0.00	38.66 -0.33 -0.16	28.15 -0.63 0.00	26.09 -0.67 -0.20	23.03 -0.35 0.00	22.41 -0.17 0.00	21.04 -0.07 -0.13
ARTHUR_KILL_GT_1 23520	31.60 1.43 -5.70	29.67 1.33 -6.50	24.35 1.10 -5.38	24.72 -0.16 -27.35	27.22 -0.35 -32.28	26.21 -0.31 -30.69	31.04 -0.02 -31.36	29.11 1.74 -2.24	22.30 0.82 -7.66	21.25 1.18 0.00	23.69 1.13 -4.07	22.27 1.01 -4.59	23.73 1.00 -6.10	28.09 0.50 -18.75	28.79 0.96 -11.37	33.78 1.55 -5.65	33.56 1.74 -3.04	44.57 2.35 0.00	41.91 2.42 -0.66	30.57 1.80 0.00	28.94 1.57 -0.81	24.90 1.52 0.00	24.01 1.43 0.00	22.83 1.31 -0.54
ARTHUR_KILL_2 23512	31.53 1.36 -5.70	29.61 1.26 -6.50	24.30 1.04 -5.38	24.72 -0.16 -27.35	27.24 -0.33 -32.28	26.22 -0.30 -30.69	31.04 -0.02 -31.36	29.04 1.66 -2.24	22.26 0.78 -7.66	21.19 1.12 0.00	23.64 1.08 -4.07	22.23 0.96 -4.59	23.69 0.96 -6.10	28.07 0.48 -18.75	28.75 0.92 -11.37	33.70 1.47 -5.65	33.47 1.65 -3.04	44.43 2.21 0.00	41.77 2.29 -0.66	30.48 1.70 0.00	28.86 1.49 -0.81	24.83 1.45 0.00	23.94 1.35 0.00	22.77 1.25 -0.54
ARTHUR_KILL_3 23513	31.43 1.26 -5.70	29.51 1.17 -6.50	24.22 0.96 -5.38	24.75 -0.13 -27.35	27.33 -0.23 -32.27	26.30 -0.21 -30.68	31.05 -0.01 -31.36	28.68 1.30 -2.24	22.16 0.68 -7.66	21.08 1.01 0.00	23.53 0.97 -4.07	22.15 0.89 -4.59	23.62 0.89 -6.10	28.03 0.43 -18.75	28.66 0.82 -11.37	33.55 1.32 -5.65	33.30 1.48 -3.04	44.29 2.07 0.00	41.53 2.04 -0.66	30.25 1.48 0.00	28.65 1.28 -0.81	24.64 1.26 0.00	23.73 1.16 0.00	22.55 1.03 -0.54
ARTHUR_KILL_COGEN 323718	31.60 1.43 -5.70	29.67 1.33 -6.50	24.35 1.10 -5.38	24.72 -0.16 -27.35	27.22 -0.35 -32.28	26.21 -0.31 -30.69	31.04 -0.02 -31.36	29.11 1.74 -2.24	22.30 0.82 -7.66	21.25 1.18 0.00	23.69 1.13 -4.07	22.27 1.01 -4.59	23.73 1.00 -6.10	28.09 0.50 -18.75	28.79 0.96 -11.37	33.78 1.55 -5.65	33.56 1.74 -3.04	44.57 2.35 0.00	41.91 2.42 -0.66	30.57 1.80 0.00	28.94 1.57 -0.81	24.90 1.52 0.00	24.01 1.43 0.00	22.83 1.31 -0.54
ASHOKAN____ 23654	31.96 1.25 -6.23	30.07 1.12 -7.11	24.69 0.93 -5.88	27.30 -0.13 -29.90	30.32 -0.25 -35.28	29.16 -0.22 -33.54	33.97 -0.01 -34.28	29.02 1.43 -2.44	22.94 0.75 -8.38	21.05 0.98 0.00	23.77 0.83 -4.45	22.49 0.80 -5.02	24.10 0.80 -6.67	29.81 0.47 -20.50	29.77 0.87 -12.43	34.28 1.52 -6.18	34.00 1.90 -3.32	45.15 2.93 0.00	42.27 2.73 -0.72	30.53 1.75 0.00	29.16 1.71 -0.88	24.84 1.47 0.00	23.95 1.37 0.00	22.78 1.21 -0.59

ASTORIA_EAST_ENERGY_CC1 323581	31.52 1.34 -5.70	29.58 1.24 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.31 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.81 1.43 -2.24	22.21 0.73 -7.66	21.15 1.08 0.00	23.70 1.14 -4.07	22.25 0.99 -4.59	23.71 0.98 -6.10	28.06 0.47 -18.75	28.74 0.90 -11.37	33.69 1.45 -5.65	33.45 1.63 -3.04	44.48 2.27 0.00	41.75 2.26 -0.66	30.44 1.66 0.00	28.79 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.68 1.16 -0.54
ASTORIA_EAST_ENERGY_CC2 323582	31.52 1.34 -5.70	29.58 1.24 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.31 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.81 1.43 -2.24	22.21 0.73 -7.66	21.15 1.08 0.00	23.70 1.14 -4.07	22.25 0.99 -4.59	23.71 0.98 -6.10	28.07 0.47 -18.75	28.73 0.89 -11.37	33.69 1.45 -5.65	33.45 1.63 -3.04	44.48 2.27 0.00	41.75 2.26 -0.66	30.44 1.66 0.00	28.79 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.68 1.16 -0.54
ASTORIA_GT2_1 24094	31.54 1.36 -5.70	29.59 1.25 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.44 -2.24	22.22 0.74 -7.66	21.17 1.10 0.00	23.71 1.15 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.74 0.91 -11.37	33.70 1.47 -5.65	33.47 1.65 -3.04	44.52 2.30 0.00	41.77 2.29 -0.66	30.46 1.69 0.00	28.81 1.44 -0.81	24.76 1.38 0.00	23.86 1.28 0.00	22.68 1.16 -0.54
ASTORIA_GT2_2 24095	31.54 1.36 -5.70	29.59 1.25 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.44 -2.24	22.22 0.74 -7.66	21.17 1.10 0.00	23.71 1.15 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.74 0.91 -11.37	33.70 1.47 -5.65	33.47 1.65 -3.04	44.52 2.30 0.00	41.77 2.29 -0.66	30.46 1.69 0.00	28.81 1.44 -0.81	24.76 1.38 0.00	23.86 1.28 0.00	22.68 1.16 -0.54
ASTORIA_GT2_3 24096	31.54 1.36 -5.70	29.59 1.25 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.44 -2.24	22.22 0.74 -7.66	21.17 1.10 0.00	23.71 1.15 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.74 0.91 -11.37	33.70 1.47 -5.65	33.47 1.65 -3.04	44.52 2.30 0.00	41.77 2.29 -0.66	30.46 1.69 0.00	28.81 1.44 -0.81	24.76 1.38 0.00	23.86 1.28 0.00	22.68 1.16 -0.54
ASTORIA_GT2_4 24097	31.54 1.36 -5.70	29.59 1.25 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.44 -2.24	22.22 0.74 -7.66	21.17 1.10 0.00	23.71 1.15 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.74 0.91 -11.37	33.70 1.47 -5.65	33.47 1.65 -3.04	44.52 2.30 0.00	41.77 2.29 -0.66	30.46 1.69 0.00	28.81 1.44 -0.81	24.76 1.38 0.00	23.86 1.28 0.00	22.68 1.16 -0.54
ASTORIA_GT3_1 24098	31.54 1.36 -5.70	29.59 1.25 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.44 -2.24	22.22 0.74 -7.66	21.17 1.10 0.00	23.71 1.15 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.74 0.91 -11.37	33.70 1.47 -5.65	33.47 1.65 -3.04	44.52 2.30 0.00	41.77 2.29 -0.66	30.46 1.69 0.00	28.81 1.44 -0.81	24.76 1.38 0.00	23.86 1.28 0.00	22.68 1.16 -0.54
ASTORIA_GT3_2 24099	31.54 1.36 																							

ASTORIA_GT_10 24110	31.54 1.37 -5.70	29.60 1.25 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.82 1.44 -2.24	22.24 0.76 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.26 1.00 -4.59	23.73 1.00 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.70 1.47 -5.65	33.49 1.66 -3.04	44.56 2.34 0.00	41.79 2.31 -0.66	30.47 1.70 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.87 1.30 0.00	22.68 1.16 -0.54
ASTORIA_GT_11 24225	31.54 1.37 -5.70	29.60 1.25 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.82 1.44 -2.24	22.24 0.76 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.26 1.00 -4.59	23.73 1.00 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.70 1.47 -5.65	33.49 1.66 -3.04	44.56 2.34 0.00	41.79 2.31 -0.66	30.47 1.70 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.87 1.30 0.00	22.68 1.16 -0.54
ASTORIA_GT_12 24226	31.54 1.37 -5.70	29.60 1.25 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.82 1.44 -2.24	22.24 0.76 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.26 1.00 -4.59	23.73 1.00 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.70 1.47 -5.65	33.49 1.66 -3.04	44.56 2.34 0.00	41.79 2.31 -0.66	30.47 1.70 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.87 1.30 0.00	22.68 1.16 -0.54
ASTORIA_GT_13 24227	31.54 1.37 -5.70	29.60 1.25 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.82 1.44 -2.24	22.24 0.76 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.26 1.00 -4.59	23.73 1.00 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.70 1.47 -5.65	33.49 1.66 -3.04	44.56 2.34 0.00	41.79 2.31 -0.66	30.47 1.70 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.87 1.30 0.00	22.68 1.16 -0.54
ASTORIA_GT_5 24106	31.58 1.40 -5.70	29.63 1.29 -6.50	24.33 1.08 -5.38	24.74 -0.14 -27.35	27.30 -0.27 -32.27	26.27 -0.24 -30.68	31.05 -0.02 -31.36	28.87 1.48 -2.24	22.25 0.77 -7.66	21.21 1.13 0.00	23.75 1.19 -4.07	22.29 1.02 -4.59	23.75 1.02 -6.10	28.08 0.49 -18.75	28.78 0.94 -11.37	33.76 1.53 -5.65	33.53 1.70 -3.04	44.60 2.39 0.00	41.85 2.37 -0.66	30.51 1.73 0.00	28.86 1.50 -0.81	24.81 1.43 0.00	23.90 1.32 0.00	22.72 1.20 -0.54
ASTORIA_GT_7 24107	31.58 1.40 -5.70	29.63 1.29 -6.50	24.33 1.08 -5.38	24.74 -0.14 -27.35	27.30 -0.27 -32.27	26.27 -0.24 -30.68	31.05 -0.02 -31.36	28.87 1.48 -2.24	22.25 0.77 -7.66	21.21 1.13 0.00	23.75 1.19 -4.07	22.29 1.02 -4.59	23.75 1.02 -6.10	28.08 0.49 -18.75	28.78 0.94 -11.37	33.76 1.53 -5.65	33.53 1.70 -3.04	44.60 2.39 0.00	41.85 2.37 -0.66	30.51 1.73 0.00	28.86 1.50 -0.81	24.81 1.43 0.00	23.90 1.32 0.00	22.72 1.20 -0.54
ASTORIA_GT_8 24108	31.58 1.40 -5.70	29.63 1.29 -6.50	24.34 1.08 -5.38	24.74 -0.14 -27.35	27.30 -0.27 -32.27	26.27 -0.24 -30.68	31.05 -0.02 -31.36	28.87 1.48 -2.24	22.25 0.77 -7.66	21.20 1.13 0.00	23.75 1.19 -4.07	22.29 1.02 -4.59	23.75 1.02 -6.10	28.08 0.49 -18.75	28.78 0.94 -11.37	33.76 1.52 -5.65	33.53 1.70 -3.04	44.61 2.39 0.00	41.86 2.37 -0.66	30.53 1.75 0.00	28.86 1.50 -0.81	24.81 1.43 0.00	23.90 1.32 0.00	22.72 1.20 -0.54
ASTORIA___2 24149	31.54 1.36 -5.70	29.59 1.25 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.82 1.44 -2.24	22.22 0.74 -7.66	21.17 1.10 0.00	23.71 1.15 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.71 1.47 -5.65	33.47 1.65 -3.04	44.52 2.30 0.00	41.77 2.29 -0.66	30.45 1.67 0.00	28.81 1.44 -0.81	24.76 1.38 0.00	23.86 1.28 0.00	22.68 1.16 -0.54
ASTORIA___3 23516	31.54 1.37 -5.70	29.59 1.25 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.82 1.43 -2.24	22.24 0.76 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.26 1.00 -4.59	23.74 1.00 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.71 1.47 -5.65	33.48 1.66 -3.04	44.56 2.34 0.00	41.79 2.31 -0.66	30.46 1.68 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.88 1.30 0.00	22.68 1.16 -0.54
ASTORIA___4 23517	31.54 1.37 -5.70	29.60 1.25 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.82 1.44 -2.24	22.24 0.76 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.26 1.00 -4.59	23.73 1.00 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.70 1.47 -5.65	33.49 1.66 -3.04	44.56 2.34 0.00	41.79 2.31 -0.66	30.47 1.70 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.87 1.30 0.00	22.68 1.16 -0.54
ASTORIA___5 23518	31.54 1.37 -5.70	29.59 1.25 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.82 1.43 -2.24	22.24 0.76 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.26 1.00 -4.59	23.74 1.00 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.71 1.47 -5.65	33.48 1.66 -3.04	44.56 2.34 0.00	41.79 2.31 -0.66	30.46 1.68 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.88 1.30 0.00	22.68 1.16 -0.54
AST_ENERGY_2_CC3 323677	31.46 1.28 -5.70	29.52 1.18 -6.50	24.23 0.97 -5.38	24.75 -0.13 -27.35	27.32 -0.24 -32.27	26.29 -0.22 -30.68	31.05 -0.02 -31.36	28.71 1.33 -2.24	22.17 0.69 -7.66	21.11 1.03 0.00	23.57 1.00 -4.07	22.19 0.93 -4.59	23.68 0.95 -6.10	28.05 0.45 -18.75	28.68 0.85 -11.37	33.61 1.37 -5.65	33.36 1.53 -3.04	44.38 2.16 0.00	41.62 2.14 -0.66	30.33 1.55 0.00	28.71 1.34 -0.81	24.66 1.28 0.00	23.76 1.17 0.00	22.58 1.07 -0.54
AST_ENERGY_2_CC4 323678	31.46 1.28 -5.70	29.52 1.18 -6.50	24.23 0.97 -5.38	24.75 -0.13 -27.35	27.32 -0.24 -32.27	26.29 -0.22 -30.68	31.05 -0.02 -31.36	28.71 1.33 -2.24	22.17 0.69 -7.66	21.11 1.03 0.00	23.57 1.00 -4.07	22.19 0.93 -4.59	23.68 0.95 -6.10	28.05 0.45 -18.75	28.68 0.85 -11.37	33.61 1.37 -5.65	33.36 1.53 -3.04	44.38 2.16 0.00	41.62 2.14 -0.66	30.33 1.55 0.00	28.71 1.34 -0.81	24.66 1.28 0.00	23.76 1.17 0.00	22.58 1.07 -0.54
ATHENS_STG_1 23668	31.35 0.62 -6.25	29.55 0.58 -7.14	24.27 0.49 -5.90	27.48 -0.07 -30.02	30.58 -0.13 -35.42	29.40 -0.11 -33.67	34.12 -0.01 -34.42	28.28 0.68 -2.45	22.59 0.36 -8.41	20.61 0.54 0.00	23.47 0.51 -4.47	22.18 0.47 -5.04	23.78 0.46 -6.70	29.66 0.23 -20.58	29.40 0.45 -12.48	33.52 0.74 -6.20	32.92 0.80 -3.33	43.39 1.17 0.00	40.71 1.16 -0.72	29.62 0.85 0.00	28.19 0.74 -0.89	24.07 0.68 0.00	23.24 0.66 0.00	22.16 0.59 -0.59
ATHENS_STG_2 23670	31.35 0.62 -6.25	29.55 0.58 -7.14	24.27 0.49 -5.90	27.48 -0.07 -30.02	30.58 -0.13 -35.42	29.40 -0.11 -33.67	34.12 -0.01 -34.42	28.28 0.68 -2.45	22.59 0.36 -8.41	20.61 0.54 0.00	23.47 0.51 -4.47	22.18 0.47 -5.04	23.78 0.46 -6.70	29.66 0.23 -20.58	29.40 0.45 -12.48	33.52 0.74 -6.20	32.92 0.80 -3.33	43.39 1.17 0.00	40.71 1.16 -0.72	29.62 0.85 0.00	28.19 0.74 -0.89	24.07 0.68 0.00	23.24 0.66 0.00	22.16 0.59 -0.59

ATHENS_STG_3 23677	31.35 0.62 -6.25	29.55 0.58 -7.14	24.27 0.49 -5.90	27.48 -0.07 -30.02	30.58 -0.13 -35.42	29.40 -0.11 -33.67	34.12 -0.01 -34.42	28.28 0.68 -2.45	22.59 0.36 -8.41	20.61 0.54 0.00	23.47 0.51 -4.47	22.18 0.47 -5.04	23.78 0.46 -6.70	29.66 0.23 -20.58	29.40 0.45 -12.48	33.52 0.74 -6.20	32.92 0.80 -3.33	43.39 1.17 0.00	40.71 1.16 -0.72	29.62 0.85 0.00	28.19 0.74 -0.89	24.07 0.68 0.00	23.24 0.66 0.00	22.16 0.59 -0.59
AUBURN____LFGE 323710	25.90 0.16 -1.27	23.48 0.19 -1.45	19.26 0.18 -1.20	3.61 -0.03 -6.11	2.44 -0.06 -7.21	2.63 -0.06 -6.85	6.71 0.00 -7.01	25.93 0.29 -0.50	15.74 0.22 -1.71	20.42 0.35 0.00	19.71 0.31 -0.91	17.97 0.27 -1.03	18.16 0.17 -1.36	13.11 0.07 -4.19	19.14 0.13 -2.54	28.01 0.16 -1.26	29.63 0.17 -0.68	42.57 0.36 0.00	39.43 0.46 -0.15	29.11 0.33 0.00	26.93 0.19 -0.18	23.63 0.25 0.00	22.82 0.24 0.00	21.31 0.21 -0.12
BABYLON_RES_REC 323704	32.12 1.94 -5.70	29.98 1.63 -6.50	24.63 1.37 -5.38	24.70 -0.18 -27.35	27.22 -0.34 -32.27	26.20 -0.32 -30.68	31.04 -0.02 -31.36	29.37 1.98 -2.24	22.52 1.04 -7.66	21.54 1.47 0.00	23.88 1.32 -4.07	22.45 1.18 -4.59	23.89 1.16 -6.10	28.21 0.61 -18.75	29.16 1.32 -11.37	34.50 2.27 -5.65	36.55 2.64 -5.13	55.68 3.50 -9.96	53.59 3.25 -11.52	47.03 2.39 -15.86	30.95 1.78 -2.61	25.62 1.69 -0.55	24.16 1.58 0.00	22.92 1.40 -0.54
BABYLON__69_KV_BK2 356345	32.42 2.24 -5.70	30.25 1.91 -6.50	24.85 1.59 -5.38	24.67 -0.22 -27.35	27.16 -0.40 -32.27	26.15 -0.37 -30.68	31.04 -0.03 -31.36	29.69 2.31 -2.24	22.70 1.22 -7.66	21.79 1.72 0.00	24.10 1.54 -4.07	22.64 1.38 -4.59	24.09 1.36 -6.10	28.32 0.72 -18.75	29.38 1.54 -11.37	34.87 2.64 -5.65	37.02 3.06 -5.18	77.27 3.97 -31.08	77.13 3.74 -34.56	81.01 2.70 -49.53	35.12 2.12 -6.44	27.10 2.01 -1.71	24.46 1.88 0.00	23.19 1.67 -0.54
BALL_HILL_WT_PWR 323825	25.11 -0.78 -1.41	23.05 -0.40 -1.61	19.02 -0.19 -1.33	4.32 0.03 -6.76	3.29 0.02 -7.98	3.43 0.01 -7.58	7.46 0.00 -7.75	25.22 -0.49 -0.55	15.60 -0.11 -1.89	19.97 -0.10 0.00	19.37 -0.12 -1.01	17.56 -0.25 -1.14	17.79 -0.34 -1.51	13.18 -0.30 -4.64	18.67 -0.60 -2.81	26.92 -1.06 -1.40	28.65 -0.88 -0.75	41.46 -0.76 0.00	38.05 -0.94 -0.16	27.70 -1.08 0.00	25.74 -1.02 -0.20	22.67 -0.70 0.00	22.07 -0.51 0.00	20.77 -0.34 -0.13
BARON_WINDS____WT_PWR 323822	25.07 -1.05 -1.64	23.01 -0.70 -1.87	18.93 -0.50 -1.55	5.50 0.08 -7.88	4.72 0.12 -9.30	4.76 0.09 -8.84	8.76 0.02 -9.04	25.10 -0.69 -0.64	15.83 -0.19 -2.21	19.71 -0.37 0.00	19.28 -0.38 -1.18	17.53 -0.46 -1.32	17.76 -0.62 -1.76	13.75 -0.50 -5.40	18.77 -0.97 -3.28	26.61 -1.60 -1.63	28.39 -1.27 -0.88	41.16 -1.06 0.00	37.99 -1.02 -0.19	27.94 -0.84 0.00	25.95 -0.85 -0.23	22.87 -0.51 0.00	22.13 -0.46 0.00	20.79 -0.35 -0.15
BARRETT_IC_1 23704	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT_IC_10 23701	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT_IC_11 23702	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT_IC_12 23703	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT_IC_2 23705	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT_IC_3 23706	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT_IC_4 23707	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT_IC_5 23708	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT_IC_6 23709	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54

BARRETT_IC_7 23710	31.89 1.72 -5.70	29.78 1.43 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.78 1.22 -4.07	22.36 1.10 -4.59	23.83 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.45 2.31 -5.35	45.14 2.92 0.00	42.12 2.64 -0.66	30.68 1.91 0.00	28.82 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT_IC_8 23711	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT_IC_9 23700	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT___1 23545	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BARRETT___2 23546	31.89 1.72 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.06 1.67 -2.24	22.35 0.87 -7.66	21.35 1.28 0.00	23.79 1.22 -4.07	22.37 1.10 -4.59	23.82 1.10 -6.10	28.17 0.57 -18.75	29.03 1.20 -11.37	34.26 2.02 -5.65	36.46 2.32 -5.35	45.21 2.99 0.00	42.11 2.63 -0.66	30.65 1.87 0.00	28.81 1.45 -0.81	24.82 1.44 0.00	23.94 1.36 0.00	22.74 1.22 -0.54
BATAVIA___115KV_TB1 55881	25.01 -0.80 -1.34	22.96 -0.40 -1.53	18.98 -0.15 -1.26	3.96 0.02 -6.41	2.85 0.00 -7.56	3.03 0.01 -7.19	7.05 0.00 -7.35	25.14 -0.53 -0.52	15.47 -0.14 -1.80	20.01 -0.07 0.00	19.40 -0.04 -0.95	17.64 -0.11 -1.08	17.86 -0.19 -1.43	13.01 -0.23 -4.39	18.47 -0.66 -2.66	26.96 -0.94 -1.32	29.00 -0.48 -0.69	42.08 -0.14 0.00	38.66 -0.32 -0.15	28.05 -0.73 0.00	26.13 -0.62 -0.18	22.91 -0.47 0.00	22.22 -0.35 0.00	20.89 -0.21 -0.12
BAYONEEC___CTG1 323682	31.52 1.34 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.16 1.09 0.00	23.61 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.66 1.43 -5.65	33.44 1.61 -3.04	44.48 2.27 0.00	41.72 2.24 -0.66	30.40 1.62 0.00	28.77 1.41 -0.81	24.73 1.35 0.00	23.82 1.24 0.00	22.64 1.12 -0.54
BAYONEEC___CTG10 323750	31.52 1.34 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.16 1.09 0.00	23.61 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.66 1.43 -5.65	33.44 1.61 -3.04	44.48 2.27 0.00	41.72 2.24 -0.66	30.40 1.62 0.00	28.77 1.41 -0.81	24.73 1.35 0.00	23.82 1.24 0.00	22.64 1.12 -0.54
BAYONEEC___CTG2 323683	31.52 1.34 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.16 1.09 0.00	23.61 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.66 1.43 -5.65	33.44 1.61 -3.04	44.48 2.27 0.00	41.72 2.24 -0.66	30.40 1.62 0.00	28.77 1.41 -0.81	24.73 1.35 0.00	23.82 1.24 0.00	22.64 1.12 -0.54
BAYONEEC___CTG3 323684	31.52 1.34 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.16 1.09 0.00	23.61 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.66 1.43 -5.65	33.44 1.61 -3.04	44.48 2.27 0.00	41.72 2.24 -0.66	30.40 1.62 0.00	28.77 1.41 -0.81	24.73 1.35 0.00	23.82 1.24 0.00	22.64 1.12 -0.54
BAYONEEC___CTG4 323685	31.52 1.34 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.16 1.09 0.00	23.61 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.66 1.43 -5.65	33.44 1.61 -3.04	44.48 2.27 0.00	41.72 2.24 -0.66	30.40 1.62 0.00	28.77 1.41 -0.81	24.73 1.35 0.00	23.82 1.24 0.00	22.64 1.12 -0.54
BAYONEEC___CTG5 323686	31.52 1.34 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.16 1.09 0.00	23.61 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.66 1.43 -5.65	33.44 1.61 -3.04	44.48 2.27 0.00	41.72 2.24 -0.66	30.40 1.62 0.00	28.77 1.41 -0.81	24.73 1.35 0.00	23.82 1.24 0.00	22.64 1.12 -0.54
BAYONEEC___CTG6 323687	31.52 1.34 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.16 1.09 0.00	23.61 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.66 1.43 -5.65	33.44 1.61 -3.04	44.48 2.27 0.00	41.72 2.24 -0.66	30.40 1.62 0.00	28.77 1.41 -0.81	24.73 1.35 0.00	23.82 1.24 0.00	22.64 1.12 -0.54
BAYONEEC___CTG7 323688	31.52 1.34 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.16 1.09 0.00	23.61 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.66 1.43 -5.65	33.44 1.61 -3.04	44.48 2.27 0.00	41.72 2.24 -0.66	30.40 1.62 0.00	28.77 1.41 -0.81	24.73 1.35 0.00	23.82 1.24 0.00	22.64 1.12 -0.54
BAYONEEC___CTG8 323689	31.52 1.34 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.16 1.09 0.00	23.61 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.66 1.43 -5.65	33.44 1.61 -3.04	44.48 2.27 0.00	41.72 2.24 -0.66	30.40 1.62 0.00	28.77 1.41 -0.81	24.73 1.35 0.00	23.82 1.24 0.00	22.64 1.12 -0.54

BAYONEEC___CTG9 323749	31.52 1.34 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.16 1.09 0.00	23.61 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.66 1.43 -5.65	33.44 1.61 -3.04	44.48 2.27 0.00	41.72 2.24 -0.66	30.40 1.62 0.00	28.77 1.41 -0.81	24.73 1.35 0.00	23.82 1.24 0.00	22.64 1.12 -0.54
BEACON___LESR 323632	31.97 0.69 -6.81	30.19 0.57 -7.78	24.84 0.53 -6.43	30.16 -0.07 -32.70	33.73 -0.14 -38.58	32.39 -0.13 -36.68	37.19 -0.01 -37.49	28.60 0.78 -2.67	23.43 0.46 -9.16	20.68 0.61 0.00	23.93 0.57 -4.87	22.71 0.54 -5.49	24.48 0.55 -7.30	31.55 0.29 -22.42	30.64 0.58 -13.59	34.22 0.88 -6.76	33.42 1.00 -3.63	43.78 1.56 0.00	41.05 1.43 -0.79	29.80 1.02 0.00	28.51 0.98 -0.97	24.17 0.80 0.00	23.31 0.74 0.00	22.30 0.68 -0.64
BEAVER RIVER___HYD 24048	24.39 -0.56 -0.47	21.52 -0.86 -0.54	17.45 -0.88 -0.45	-0.07 0.13 -2.27	-1.78 0.26 -2.67	-1.39 0.23 -2.54	2.32 0.01 -2.60	24.27 -1.06 -0.19	13.81 -0.64 -0.64	18.91 -1.16 0.00	17.50 -1.33 -0.34	16.02 -1.03 -0.38	16.38 -0.75 -0.51	10.19 -0.20 -1.55	17.03 -0.38 -0.94	26.82 -0.23 -0.47	28.97 -0.07 -0.25	41.99 -0.23 0.00	38.30 -0.58 -0.05	28.79 0.02 0.00	26.77 0.15 -0.07	22.96 -0.42 0.00	22.08 -0.50 0.00	20.72 -0.31 -0.04
BEEBEE_GT_13 23619	25.28 -0.42 -1.23	23.03 -0.21 -1.40	18.96 -0.08 -1.16	3.43 0.00 -5.90	2.24 -0.01 -6.96	2.44 -0.01 -6.61	6.46 0.00 -6.76	25.37 -0.26 -0.48	15.43 -0.03 -1.65	20.10 0.03 0.00	19.43 0.07 -0.88	17.69 0.03 -0.99	17.93 -0.01 -1.32	12.83 -0.06 -4.04	18.67 -0.25 -2.45	27.27 -0.53 -1.22	28.99 -0.45 -0.66	41.86 -0.36 0.00	38.50 -0.46 -0.14	28.10 -0.68 0.00	26.11 -0.62 -0.17	22.90 -0.48 0.00	22.18 -0.40 0.00	20.81 -0.29 -0.12
BENSHRST_27_KV_BENSHRST_1 355998	31.72 1.55 -5.70	29.76 1.42 -6.50	24.43 1.17 -5.38	24.72 -0.16 -27.35	27.25 -0.31 -32.28	26.24 -0.29 -30.69	31.04 -0.02 -31.36	29.06 1.68 -2.24	22.35 0.87 -7.66	21.36 1.28 0.00	23.81 1.25 -4.07	22.39 1.12 -4.59	23.85 1.12 -6.10	28.15 0.55 -18.75	28.90 1.06 -11.37	33.94 1.70 -5.65	33.74 1.92 -3.04	44.90 2.69 0.00	42.18 2.70 -0.66	30.76 1.99 0.00	29.09 1.72 -0.81	25.01 1.64 0.00	24.10 1.51 0.00	22.88 1.36 -0.54
BETHLEHEM___GRP 23843	31.49 0.19 -6.82	29.79 0.17 -7.78	24.50 0.18 -6.44	30.24 -0.02 -32.73	33.88 -0.04 -38.62	32.52 -0.03 -36.72	37.23 0.00 -37.53	28.07 0.24 -2.68	23.15 0.17 -9.17	20.32 0.25 0.00	23.61 0.25 -4.87	22.41 0.24 -5.49	24.13 0.20 -7.31	31.38 0.10 -22.44	30.29 0.21 -13.61	33.70 0.35 -6.77	32.78 0.36 -3.64	42.77 0.56 0.00	40.18 0.57 -0.79	29.21 0.43 0.00	27.92 0.40 -0.97	23.70 0.33 0.00	22.90 0.32 0.00	21.91 0.28 -0.64
BETHLEHEM___GS1 323560	31.49 0.19 -6.82	29.79 0.17 -7.78	24.49 0.18 -6.44	30.24 -0.02 -32.73	33.88 -0.04 -38.62	32.52 -0.03 -36.72	37.23 0.00 -37.53	28.07 0.24 -2.68	23.15 0.17 -9.17	20.32 0.25 0.00	23.61 0.25 -4.87	22.41 0.24 -5.49	24.13 0.20 -7.31	31.39 0.10 -22.44	30.29 0.21 -13.61	33.69 0.35 -6.77	32.78 0.36 -3.64	42.77 0.56 0.00	40.18 0.57 -0.79	29.20 0.42 0.00	27.92 0.40 -0.97	23.70 0.33 0.00	22.90 0.32 0.00	21.91 0.28 -0.64
BETHLEHEM___GS2 323561	31.49 0.19 -6.82	29.79 0.17 -7.78	24.49 0.18 -6.44	30.24 -0.02 -32.73	33.88 -0.04 -38.62	32.52 -0.03 -36.72	37.23 0.00 -37.53	28.07 0.24 -2.68	23.15 0.17 -9.17	20.32 0.25 0.00	23.61 0.25 -4.87	22.41 0.24 -5.49	24.13 0.20 -7.31	31.39 0.10 -22.44	30.29 0.21 -13.61	33.69 0.35 -6.77	32.78 0.36 -3.64	42.77 0.56 0.00	40.18 0.57 -0.79	29.20 0.42 0.00	27.92 0.40 -0.97	23.70 0.33 0.00	22.90 0.32 0.00	21.91 0.28 -0.64
BETHLEHEM___GS3 323562	31.49 0.19 -6.82	29.79 0.17 -7.78	24.49 0.18 -6.44	30.24 -0.02 -32.73	33.88 -0.04 -38.62	32.52 -0.03 -36.72	37.23 0.00 -37.53	28.07 0.24 -2.68	23.15 0.17 -9.17	20.32 0.25 0.00	23.61 0.25 -4.87	22.41 0.24 -5.49	24.13 0.20 -7.31	31.39 0.10 -22.44	30.29 0.21 -13.61	33.69 0.35 -6.77	32.78 0.36 -3.64	42.77 0.56 0.00	40.18 0.57 -0.79	29.20 0.42 0.00	27.92 0.40 -0.97	23.70 0.33 0.00	22.90 0.32 0.00	21.91 0.28 -0.64
BETHLEHEM___STEEL 23779	25.00 -0.87 -1.39	22.93 -0.49 -1.59	18.94 -0.26 -1.31	4.24 0.03 -6.68	3.20 0.03 -7.87	3.35 0.02 -7.49	7.36 0.00 -7.65	25.08 -0.62 -0.55	15.52 -0.16 -1.87	19.91 -0.16 0.00	19.33 -0.15 -0.99	17.58 -0.21 -1.12	17.79 -0.32 -1.49	13.13 -0.29 -4.58	18.60 -0.64 -2.78	26.78 -1.17 -1.38	28.48 -1.05 -0.74	41.23 -0.99 0.00	37.85 -1.13 -0.16	27.48 -1.30 0.00	25.58 -1.17 -0.20	22.50 -0.88 0.00	21.89 -0.68 0.00	20.62 -0.49 -0.13
BETHLHEM_115KV_TB1 79974	31.56 0.27 -6.82	29.86 0.24 -7.78	24.55 0.24 -6.44	30.22 -0.03 -32.72	33.84 -0.06 -38.60	32.49 -0.05 -36.70	37.21 0.00 -37.51	28.14 0.32 -2.67	23.18 0.20 -9.17	20.36 0.29 0.00	23.65 0.29 -4.87	22.44 0.28 -5.49	24.18 0.25 -7.30	31.39 0.12 -22.43	30.32 0.26 -13.60	33.76 0.42 -6.76	32.86 0.44 -3.63	42.88 0.66 0.00	40.29 0.68 -0.79	29.28 0.50 0.00	27.98 0.46 -0.97	23.76 0.38 0.00	22.97 0.38 0.00	21.96 0.34 -0.64
BETHPAGE_CC_5 323564	32.02 1.85 -5.70	29.91 1.57 -6.50	24.56 1.30 -5.38	24.71 -0.18 -27.35	27.24 -0.33 -32.27	26.22 -0.30 -30.68	31.05 -0.02 -31.36	29.26 1.88 -2.24	22.46 0.99 -7.66	21.49 1.41 0.00	23.85 1.30 -4.07	22.43 1.16 -4.59	23.88 1.15 -6.10	28.21 0.61 -18.75	29.11 1.27 -11.37	34.39 2.16 -5.65	36.25 2.43 -5.04	45.46 3.23 0.00	42.46 2.97 -0.66	30.92 2.14 0.00	29.00 1.63 -0.81	24.93 1.55 0.00	24.07 1.49 0.00	22.83 1.31 -0.54
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.09 -0.78 -1.40	23.00 -0.43 -1.59	18.98 -0.22 -1.32	4.26 0.03 -6.70	3.23 0.02 -7.91	3.37 0.02 -7.52	7.39 0.00 -7.69	25.15 -0.54 -0.55	15.57 -0.12 -1.88	19.99 -0.09 0.00	19.39 -0.09 -1.00	17.64 -0.16 -1.13	17.84 -0.28 -1.50	13.17 -0.27 -4.60	18.66 -0.60 -2.79	26.88 -1.09 -1.38	28.59 -0.94 -0.74	41.40 -0.82 0.00	38.01 -0.97 -0.16	27.60 -1.18 0.00	25.69 -1.07 -0.20	22.59 -0.78 0.00	21.98 -0.60 0.00	20.69 -0.42 -0.13
BINGHAMTON___COGEN 23790	27.17 0.25 -2.45	24.91 0.28 -2.79	20.44 0.25 -2.31	9.23 -0.04 -11.74	9.06 -0.07 -13.84	8.94 -0.06 -13.16	13.16 0.00 -13.45	26.46 0.36 -0.96	17.33 0.23 -3.29	20.40 0.32 0.00	20.55 0.32 -1.75	18.90 0.26 -1.97	19.47 0.23 -2.62	16.99 0.10 -8.05	21.51 0.16 -4.88	29.22 0.21 -2.43	30.40 0.31 -1.30	42.78 0.56 0.00	39.61 0.50 -0.28	29.08 0.30 0.00	27.17 0.26 -0.35	23.68 0.30 0.00	22.88 0.30 0.00	21.49 0.28 -0.23
BIXINCNT_115KV_LOAD 355685	25.44 -0.46 -1.43	23.18 -0.28 -1.63	18.91 -0.32 -1.35	4.40 0.03 -6.84	3.41 0.04 -8.07	3.52 0.02 -7.67	7.55 0.00 -7.84	25.43 -0.27 -0.56	15.73 0.00 -1.92	20.23 0.16 0.00	19.57 0.07 -1.02	17.57 -0.25 -1.15	17.65 -0.50 -1.53	13.09 -0.44 -4.69	18.66 -0.65 -2.84	27.10 -0.89 -1.41	28.95 -0.59 -0.76	42.06 -0.16 0.00	38.66 -0.33 -0.16	28.15 -0.63 0.00	26.20 -0.56 -0.20	23.06 -0.32 0.00	22.46 -0.12 0.00	21.16 0.04 -0.13

BLACK RIVER___HYD 24047	24.78 -0.43 -0.74	21.97 -0.71 -0.85	17.87 -0.71 -0.70	1.20 0.10 -3.56	-0.33 0.18 -4.20	0.00 0.17 -4.00	3.80 0.01 -4.09	24.73 -0.71 -0.29	14.40 -0.41 -1.00	19.25 -0.82 0.00	17.99 -1.02 -0.53	16.61 -0.67 -0.60	17.11 -0.31 -0.80	11.26 -0.03 -2.44	17.70 -0.25 -1.48	27.29 -0.03 -0.74	29.44 0.27 -0.40	42.62 0.40 0.00	39.01 0.09 -0.08	29.13 0.36 0.00	27.07 0.40 -0.10	23.32 -0.06 0.00	22.46 -0.12 0.00	21.04 -0.01 -0.07
BLACKRVR_115KV_TB2 79977	24.79 -0.43 -0.74	21.97 -0.71 -0.85	17.86 -0.71 -0.70	1.20 0.10 -3.56	-0.33 0.18 -4.20	0.00 0.17 -4.00	3.80 0.01 -4.09	24.73 -0.71 -0.29	14.40 -0.41 -1.00	19.25 -0.82 0.00	17.99 -1.02 -0.53	16.61 -0.67 -0.60	17.11 -0.31 -0.80	11.26 -0.03 -2.44	17.69 -0.25 -1.48	27.29 -0.03 -0.74	29.44 0.27 -0.40	42.62 0.40 0.00	39.01 0.10 -0.08	29.13 0.35 0.00	27.06 0.40 -0.10	23.32 -0.06 0.00	22.46 -0.12 0.00	21.04 -0.01 -0.07
BLISS_WT_PWR 323608	25.41 -0.49 -1.43	23.12 -0.34 -1.63	18.80 -0.42 -1.35	4.41 0.05 -6.84	3.43 0.07 -8.07	3.54 0.03 -7.67	7.55 0.01 -7.84	25.38 -0.33 -0.56	15.69 -0.04 -1.92	20.20 0.13 0.00	19.53 0.02 -1.02	17.47 -0.35 -1.15	17.50 -0.65 -1.53	13.00 -0.53 -4.69	18.56 -0.75 -2.84	27.04 -0.95 -1.41	28.94 -0.60 -0.76	42.07 -0.14 0.00	38.70 -0.29 -0.16	28.19 -0.59 0.00	26.22 -0.54 -0.20	23.07 -0.31 0.00	22.49 -0.09 0.00	21.17 0.06 -0.13
BLUESTONE___WT_PWR 323821	28.12 1.11 -2.54	25.73 1.00 -2.89	21.16 0.89 -2.39	9.59 -0.11 -12.17	9.43 -0.23 -14.36	9.29 -0.20 -13.66	13.65 -0.01 -13.96	27.45 1.31 -0.99	17.97 0.74 -3.41	21.18 1.11 0.00	21.38 1.08 -1.81	19.55 0.83 -2.04	20.05 0.71 -2.72	17.58 0.39 -8.35	22.23 0.70 -5.06	30.31 1.21 -2.52	31.69 1.56 -1.35	44.48 2.26 0.00	41.26 2.14 -0.29	30.34 1.57 0.00	28.53 1.61 -0.36	24.88 1.50 0.00	23.94 1.37 0.00	22.39 1.17 -0.24
BLUE_CIRC_CHEM_DRP 24182	31.75 0.48 -6.79	30.04 0.44 -7.75	24.67 0.38 -6.41	30.09 -0.05 -32.61	33.67 -0.10 -38.48	32.33 -0.09 -36.58	37.09 -0.01 -37.39	28.33 0.52 -2.67	23.24 0.29 -9.14	20.51 0.43 0.00	23.76 0.42 -4.86	22.54 0.39 -5.47	24.27 0.37 -7.28	31.39 0.19 -22.36	30.40 0.37 -13.56	33.93 0.61 -6.74	33.06 0.65 -3.62	43.19 0.97 0.00	40.57 0.96 -0.79	29.48 0.71 0.00	28.16 0.63 -0.96	23.93 0.55 0.00	23.13 0.55 0.00	22.11 0.49 -0.64
BOC_GAS_DRP 24189	31.72 0.45 -6.79	30.01 0.42 -7.76	24.66 0.36 -6.42	30.10 -0.05 -32.62	33.69 -0.09 -38.49	32.35 -0.08 -36.59	37.10 0.00 -37.40	28.30 0.49 -2.67	23.23 0.27 -9.14	20.48 0.40 0.00	23.74 0.40 -4.86	22.51 0.36 -5.47	24.25 0.34 -7.28	31.39 0.18 -22.36	30.38 0.35 -13.56	33.89 0.57 -6.74	33.02 0.61 -3.62	43.13 0.91 0.00	40.51 0.90 -0.79	29.44 0.67 0.00	28.11 0.59 -0.96	23.91 0.53 0.00	23.10 0.52 0.00	22.09 0.47 -0.64
BOONVILLE_115KV_TB1 79983	24.95 0.07 -0.41	22.23 -0.07 -0.47	18.13 -0.13 -0.39	-0.49 0.02 -1.96	-2.35 0.04 -2.31	-1.93 0.04 -2.20	1.95 0.00 -2.25	25.25 -0.06 -0.16	14.31 -0.05 -0.55	19.91 -0.16 0.00	18.54 -0.24 -0.29	16.85 -0.16 -0.33	17.02 -0.04 -0.44	10.25 0.06 -1.34	17.43 0.15 -0.81	27.40 0.41 -0.41	29.56 0.56 -0.22	42.98 0.76 0.00	39.36 0.49 -0.05	29.23 0.45 0.00	27.17 0.56 -0.06	23.62 0.24 0.00	22.75 0.17 0.00	21.24 0.22 -0.04
BORALEX_4TH_BRANCH 23824	32.36 1.09 -6.79	30.54 0.94 -7.75	25.07 0.78 -6.41	30.04 -0.10 -32.61	33.57 -0.19 -38.47	32.23 -0.18 -36.58	37.08 -0.01 -37.38	28.91 1.10 -2.66	23.52 0.57 -9.14	20.91 0.84 0.00	24.16 0.81 -4.86	22.86 0.71 -5.47	24.63 0.73 -7.28	31.62 0.42 -22.35	30.84 0.82 -13.56	34.67 1.35 -6.74	33.72 1.31 -3.62	44.31 2.09 0.00	41.57 1.96 -0.79	30.23 1.46 0.00	28.95 1.43 -0.96	24.60 1.23 0.00	23.82 1.24 0.00	22.74 1.12 -0.64
BOWLINE___1 23526	31.39 1.23 -5.69	29.47 1.14 -6.49	24.18 0.93 -5.37	24.70 -0.13 -27.30	27.27 -0.23 -32.21	26.24 -0.21 -30.62	30.99 -0.01 -31.30	28.69 1.31 -2.23	22.15 0.68 -7.65	21.10 1.02 0.00	23.52 0.97 -4.06	22.13 0.88 -4.58	23.59 0.87 -6.09	28.00 0.44 -18.72	28.66 0.84 -11.35	33.59 1.37 -5.64	33.35 1.53 -3.03	44.42 2.21 0.00	41.64 2.16 -0.66	30.34 1.56 0.00	28.70 1.34 -0.81	24.64 1.26 0.00	23.76 1.18 0.00	22.57 1.05 -0.54
BOWLINE___2 23595	31.40 1.22 -5.70	29.48 1.14 -6.50	24.19 0.93 -5.38	24.75 -0.13 -27.34	27.32 -0.23 -32.26	26.30 -0.21 -30.67	31.04 -0.01 -31.35	28.68 1.30 -2.24	22.16 0.68 -7.66	21.09 1.02 0.00	23.53 0.97 -4.07	22.14 0.87 -4.59	23.60 0.87 -6.10	28.03 0.44 -18.75	28.68 0.84 -11.37	33.60 1.37 -5.65	33.34 1.52 -3.04	44.41 2.19 0.00	41.63 2.15 -0.66	30.34 1.56 0.00	28.70 1.33 -0.81	24.64 1.25 0.00	23.76 1.18 0.00	22.56 1.04 -0.54
BRADY___115KV_TB2 356060	24.81 0.08 -0.24	21.35 -0.77 -0.28	17.11 -1.00 -0.23	-1.11 0.18 -1.18	-2.95 0.36 -1.39	-2.52 0.32 -1.32	1.07 0.02 -1.35	23.65 -1.59 -0.09	13.08 -1.06 -0.33	18.27 -1.80 0.00	16.60 -2.06 -0.18	15.25 -1.62 -0.20	15.44 -1.45 -0.26	9.03 -0.62 -0.81	16.09 -0.87 -0.49	26.30 -0.53 -0.24	28.29 -0.62 -0.13	41.08 -1.13 0.00	37.46 -1.40 -0.03	28.75 -0.03 0.00	26.70 0.10 -0.04	22.53 -0.85 0.00	21.49 -1.09 0.00	20.24 -0.76 -0.02
BRANSCOMB___SOLAR 323811	32.75 1.30 -6.98	30.95 1.14 -7.97	25.42 0.95 -6.59	30.90 -0.13 -33.50	34.57 -0.24 -39.52	33.19 -0.22 -37.58	38.10 -0.02 -38.41	29.22 1.34 -2.74	23.91 0.71 -9.39	21.06 0.99 0.00	24.37 0.90 -4.99	23.10 0.80 -5.62	24.98 0.88 -7.48	32.29 0.48 -22.97	31.30 0.91 -13.93	35.02 1.52 -6.92	34.16 1.65 -3.72	44.72 2.51 0.00	41.93 2.30 -0.81	30.38 1.61 0.00	28.99 1.44 -0.99	24.60 1.22 0.00	23.85 1.27 0.00	22.82 1.18 -0.66
BRENTWOD_69_KV_W. BRTWOOD 56703	32.36 2.18 -5.70	30.19 1.84 -6.50	24.80 1.54 -5.38	24.67 -0.21 -27.35	27.17 -0.39 -32.27	26.16 -0.36 -30.68	31.04 -0.02 -31.36	29.65 2.27 -2.24	22.67 1.19 -7.66	21.74 1.67 0.00	24.06 1.50 -4.07	22.60 1.34 -4.59	24.04 1.31 -6.10	28.30 0.70 -18.75	29.33 1.50 -11.37	34.82 2.58 -5.65	36.97 2.95 -5.24	69.09 3.61 -23.26	68.34 3.49 -26.02	68.35 2.52 -37.06	33.56 1.98 -5.02	26.60 1.94 -1.28	24.40 1.82 0.00	23.14 1.62 -0.54
BRISTLHL_115KV_TB1 79998	25.11 -0.36 -1.01	22.69 -0.30 -1.15	18.60 -0.23 -0.95	2.38 0.03 -4.82	1.03 0.05 -5.69	1.29 0.04 -5.41	5.24 0.00 -5.53	25.24 -0.29 -0.39	15.03 -0.13 -1.35	19.91 -0.17 0.00	19.08 -0.12 -0.72	17.35 -0.13 -0.81	17.55 -0.15 -1.08	12.06 -0.09 -3.31	18.27 -0.20 -2.01	27.18 -0.39 -1.00	28.91 -0.41 -0.54	41.66 -0.56 0.00	38.39 -0.55 -0.12	28.28 -0.49 0.00	26.28 -0.42 -0.14	23.05 -0.33 0.00	22.26 -0.32 0.00	20.78 -0.29 -0.09
BROOKHAVEN___DRP 24191	32.28 2.11 -5.70	30.11 1.76 -6.50	24.78 1.52 -5.38	24.68 -0.20 -27.35	27.19 -0.38 -32.27	26.17 -0.35 -30.68	31.04 -0.03 -31.36	29.58 2.19 -2.24	22.64 1.16 -7.66	21.68 1.60 0.00	23.98 1.42 -4.07	22.52 1.25 -4.59	23.96 1.23 -6.10	28.24 0.64 -18.75	29.26 1.42 -11.37	34.67 2.44 -5.65	37.03 2.90 -5.35	279.37 3.81 -233.34	297.41 3.45 -255.13	403.24 2.64 -371.82	71.55 1.89 -43.09	38.01 1.76 -12.87	24.27 1.69 0.00	23.02 1.50 -0.54



BROOKLYN_NAVY_YARD 23515	31.49 1.32 -5.70	29.56 1.22 -6.50	24.25 0.99 -5.38	24.75 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.77 1.39 -2.24	22.20 0.72 -7.66	21.14 1.07 0.00	23.59 1.04 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.46 -18.75	28.71 0.87 -11.37	33.65 1.41 -5.65	33.41 1.59 -3.04	44.47 2.25 0.00	41.70 2.22 -0.66	30.39 1.62 0.00	28.76 1.39 -0.81	24.73 1.35 0.00	23.83 1.25 0.00	22.63 1.11 -0.54
BROOKLYN___ARMY_DRP 323595	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.80 1.57 -5.65	33.60 1.77 -3.04	44.68 2.46 0.00	41.97 2.49 -0.66	30.60 1.83 0.00	28.95 1.58 -0.81	24.90 1.51 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
BROOKVLE_69_KV_TB1 55790	31.86 1.69 -5.70	29.82 1.48 -6.50	24.48 1.22 -5.38	24.72 -0.17 -27.35	27.26 -0.31 -32.27	26.24 -0.28 -30.68	31.05 -0.02 -31.36	29.12 1.74 -2.24	22.38 0.90 -7.66	21.40 1.33 0.00	23.80 1.24 -4.07	22.39 1.12 -4.59	23.85 1.12 -6.10	28.17 0.58 -18.75	29.01 1.17 -11.37	34.19 1.95 -5.65	35.40 2.23 -4.38	45.23 3.01 0.00	42.31 2.82 -0.66	30.84 2.06 0.00	29.01 1.64 -0.81	24.93 1.55 0.00	24.03 1.45 0.00	22.81 1.29 -0.54
BROOME_2_LFGE 323671	27.17 0.25 -2.45	24.91 0.28 -2.79	20.44 0.25 -2.31	9.23 -0.04 -11.74	9.06 -0.07 -13.84	8.94 -0.06 -13.16	13.16 0.00 -13.45	26.46 0.36 -0.96	17.33 0.23 -3.29	20.40 0.32 0.00	20.55 0.32 -1.75	18.90 0.26 -1.97	19.47 0.22 -2.62	16.99 0.10 -8.05	21.51 0.16 -4.88	29.22 0.21 -2.43	30.40 0.31 -1.30	42.78 0.56 0.00	39.61 0.50 -0.28	29.08 0.30 0.00	27.17 0.26 -0.35	23.68 0.30 0.00	22.88 0.30 0.00	21.49 0.28 -0.23
BROOME___LFGE 323600	27.17 0.25 -2.45	24.91 0.28 -2.79	20.44 0.25 -2.31	9.23 -0.04 -11.74	9.06 -0.07 -13.84	8.94 -0.06 -13.16	13.16 0.00 -13.45	26.46 0.36 -0.96	17.33 0.23 -3.29	20.40 0.32 0.00	20.55 0.32 -1.75	18.90 0.26 -1.97	19.47 0.22 -2.62	16.99 0.10 -8.05	21.51 0.16 -4.88	29.22 0.21 -2.43	30.40 0.31 -1.30	42.78 0.56 0.00	39.61 0.50 -0.28	29.08 0.30 0.00	27.17 0.26 -0.35	23.68 0.30 0.00	22.88 0.30 0.00	21.49 0.28 -0.23
BROWNFLS_115KV_TB_3_5 80003	24.37 -0.48 -0.38	21.28 -1.00 -0.44	17.17 -1.07 -0.36	-0.47 0.17 -1.84	-2.21 0.34 -2.17	-1.81 0.30 -2.06	1.83 0.02 -2.11	23.82 -1.48 -0.15	13.40 -0.93 -0.51	18.49 -1.58 0.00	16.99 -1.77 -0.27	15.57 -1.41 -0.31	15.87 -1.16 -0.41	9.67 -0.43 -1.26	16.53 -0.71 -0.76	26.43 -0.53 -0.38	28.49 -0.50 -0.20	41.29 -0.93 0.00	37.67 -1.21 -0.04	28.59 -0.19 0.00	26.53 -0.08 -0.05	22.60 -0.78 0.00	21.66 -0.92 0.00	20.36 -0.66 -0.04
BROWNSV1_27_KV_LOAD 356125	31.74 1.57 -5.70	29.78 1.44 -6.50	24.43 1.17 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.04 -0.02 -31.36	29.01 1.63 -2.24	22.34 0.86 -7.66	21.36 1.28 0.00	23.79 1.23 -4.07	22.39 1.13 -4.59	23.86 1.14 -6.10	28.15 0.56 -18.75	28.90 1.06 -11.37	33.95 1.71 -5.65	33.74 1.92 -3.04	44.98 2.76 0.00	42.17 2.68 -0.66	30.74 1.96 0.00	29.06 1.70 -0.81	24.98 1.60 0.00	24.06 1.48 0.00	22.85 1.33 -0.54
BURROWS___LYONSDAL 23803	24.77 -0.12 -0.42	22.03 -0.29 -0.48	17.95 -0.33 -0.40	-0.40 0.05 -2.02	-2.23 0.10 -2.38	-1.81 0.09 -2.27	2.02 0.00 -2.31	25.00 -0.32 -0.16	14.18 -0.20 -0.57	19.66 -0.41 0.00	18.27 -0.52 -0.30	16.62 -0.39 -0.34	16.85 -0.22 -0.45	10.23 0.00 -1.39	17.34 0.03 -0.84	27.25 0.26 -0.42	29.42 0.42 -0.22	42.74 0.52 0.00	39.09 0.21 -0.05	29.11 0.33 0.00	27.08 0.46 -0.06	23.46 0.08 0.00	22.59 0.01 0.00	21.12 0.09 -0.04
CAITHNESS_CC_1 323624	32.21 2.04 -5.70	30.04 1.70 -6.50	24.72 1.46 -5.38	24.69 -0.20 -27.35	27.20 -0.36 -32.27	26.18 -0.34 -30.68	31.04 -0.02 -31.36	29.50 2.12 -2.24	22.60 1.12 -7.66	21.63 1.56 0.00	23.94 1.38 -4.07	22.49 1.22 -4.59	23.93 1.20 -6.10	28.23 0.63 -18.75	29.22 1.39 -11.37	34.60 2.36 -5.65	36.91 2.78 -5.35	279.50 3.68 -233.60	297.59 3.34 -255.42	403.55 2.54 -372.24	71.52 1.82 -43.14	37.97 1.71 -12.88	24.23 1.65 0.00	22.98 1.46 -0.54
CALPINE BETH_PAGE_GT4 24209	31.99 1.82 -5.70	29.88 1.53 -6.50	24.53 1.27 -5.38	24.71 -0.17 -27.35	27.24 -0.32 -32.27	26.22 -0.29 -30.68	31.04 -0.02 -31.36	29.22 1.84 -2.24	22.44 0.96 -7.66	21.46 1.38 0.00	23.83 1.27 -4.07	22.40 1.14 -4.59	23.86 1.13 -6.10	28.19 0.59 -18.75	29.08 1.24 -11.37	34.32 2.09 -5.65	36.02 2.31 -4.93	45.24 3.02 0.00	42.27 2.79 -0.66	30.82 2.04 0.00	28.88 1.51 -0.81	24.84 1.46 0.00	24.01 1.43 0.00	22.78 1.26 -0.54
CALPINE_BETH_PAGE_GT_4 323586	31.99 1.82 -5.70	29.88 1.53 -6.50	24.53 1.27 -5.38	24.71 -0.17 -27.35	27.24 -0.32 -32.27	26.22 -0.29 -30.68	31.04 -0.02 -31.36	29.23 1.84 -2.24	22.44 0.96 -7.66	21.46 1.39 0.00	23.83 1.27 -4.07	22.40 1.14 -4.59	23.86 1.13 -6.10	28.19 0.59 -18.75	29.08 1.24 -11.37	34.32 2.09 -5.65	36.02 2.30 -4.93	45.26 3.04 0.00	42.26 2.78 -0.66	30.78 2.00 0.00	28.88 1.51 -0.81	24.84 1.46 0.00	24.01 1.43 0.00	22.78 1.26 -0.54
CALPINE_BP_GT1 23823	31.99 1.82 -5.70	29.88 1.53 -6.50	24.53 1.27 -5.38	24.71 -0.17 -27.35	27.24 -0.32 -32.27	26.22 -0.29 -30.68	31.04 -0.02 -31.36	29.23 1.84 -2.24	22.44 0.96 -7.66	21.46 1.39 0.00	23.83 1.27 -4.07	22.40 1.14 -4.59	23.86 1.13 -6.10	28.19 0.59 -18.75	29.08 1.24 -11.37	34.32 2.09 -5.65	36.02 2.30 -4.93	45.26 3.04 0.00	42.26 2.78 -0.66	30.78 2.00 0.00	28.88 1.51 -0.81	24.84 1.46 0.00	24.01 1.43 0.00	22.78 1.26 -0.54
CALSPAN___DRP 24200	25.00 -0.87 -1.39	22.93 -0.49 -1.59	18.94 -0.26 -1.31	4.24 0.03 -6.68	3.20 0.03 -7.87	3.35 0.02 -7.49	7.36 0.00 -7.65	25.08 -0.62 -0.55	15.52 -0.16 -1.87	19.91 -0.16 0.00	19.33 -0.15 -0.99	17.58 -0.21 -1.12	17.79 -0.32 -1.49	13.13 -0.29 -4.58	18.60 -0.64 -2.78	26.78 -1.17 -1.38	28.48 -1.05 -0.74	41.23 -0.99 0.00	37.85 -1.13 -0.16	27.48 -1.30 0.00	25.58 -1.17 -0.20	22.50 -0.88 0.00	21.89 -0.68 0.00	20.62 -0.49 -0.13
CALVERTON___SOLAR 323806	32.36 2.19 -5.70	30.19 1.84 -6.50	24.84 1.58 -5.38	24.67 -0.21 -27.35	27.17 -0.39 -32.27	26.15 -0.37 -30.68	31.04 -0.03 -31.36	29.67 2.29 -2.24	22.68 1.21 -7.66	21.73 1.66 0.00	24.02 1.46 -4.07	22.55 1.29 -4.59	24.00 1.27 -6.10	28.26 0.66 -18.75	29.31 1.47 -11.37	34.76 2.53 -5.65	37.12 2.99 -5.35	279.61 4.00 -233.39	297.63 3.61 -255.19	403.46 2.78 -371.90	71.65 1.99 -43.10	38.09 1.84 -12.87	24.34 1.76 0.00	23.08 1.56 -0.54
CANDIGU_WT_PWR 323617	25.07 -1.05 -1.64	23.01 -0.70 -1.87	18.93 -0.50 -1.55	5.50 0.08 -7.88	4.72 0.12 -9.30	4.76 0.09 -8.84	8.76 0.02 -9.04	25.10 -0.69 -0.64	15.83 -0.19 -2.21	19.71 -0.37 0.00	19.28 -0.38 -1.18	17.53 -0.46 -1.32	17.76 -0.62 -1.76	13.75 -0.50 -5.40	18.77 -0.97 -3.28	26.61 -1.60 -1.63	28.39 -1.27 -0.88	41.16 -1.06 0.00	37.99 -1.02 -0.19	27.94 -0.84 0.00	25.95 -0.85 -0.23	22.87 -0.51 0.00	22.13 -0.46 0.00	20.79 -0.35 -0.15

CARR STREET_E_SYR 24060	25.36 -0.19 -1.08	22.93 -0.14 -1.23	18.81 -0.09 -1.02	2.73 0.01 -5.19	1.42 0.01 -6.12	1.66 0.01 -5.82	5.65 0.00 -5.95	25.47 -0.10 -0.42	15.24 -0.02 -1.45	20.06 -0.01 0.00	19.27 0.01 -0.77	17.54 -0.01 -0.87	17.75 -0.03 -1.16	12.36 -0.04 -3.55	18.52 -0.10 -2.16	27.43 -0.22 -1.07	29.06 -0.30 -0.58	41.70 -0.51 0.00	38.44 -0.51 -0.12	28.33 -0.45 0.00	26.39 -0.32 -0.15	23.21 -0.17 0.00	22.42 -0.16 0.00	20.94 -0.15 -0.10
CARTHAGE___PAPER 23857	24.77 -0.34 -0.64	21.90 -0.67 -0.73	17.77 -0.71 -0.60	0.70 0.11 -3.06	-0.90 0.20 -3.61	-0.54 0.18 -3.44	3.23 0.01 -3.51	24.63 -0.77 -0.25	14.19 -0.48 -0.86	19.13 -0.94 0.00	17.79 -1.16 -0.46	16.39 -0.80 -0.51	16.84 -0.47 -0.68	10.87 -0.07 -2.10	17.52 -0.22 -1.27	27.26 0.05 -0.63	29.43 0.31 -0.34	42.60 0.38 0.00	38.91 0.01 -0.07	29.16 0.38 0.00	27.12 0.47 -0.09	23.28 -0.10 0.00	22.39 -0.19 0.00	21.00 -0.04 -0.06
CASSADAGA_WT_PWR 323784	25.17 -0.73 -1.42	23.21 -0.25 -1.62	19.13 -0.10 -1.34	4.38 0.02 -6.83	3.34 -0.01 -8.06	3.46 -0.03 -7.66	7.53 0.00 -7.83	25.47 -0.23 -0.56	15.75 0.03 -1.91	20.16 0.09 0.00	19.47 -0.03 -1.02	17.47 -0.35 -1.15	17.77 -0.38 -1.52	13.23 -0.30 -4.68	18.88 -0.42 -2.84	27.39 -0.61 -1.41	29.36 -0.18 -0.76	42.61 0.39 0.00	39.08 0.09 -0.16	28.44 -0.33 0.00	26.37 -0.39 -0.20	23.28 -0.10 0.00	22.66 0.08 0.00	21.27 0.15 -0.13
CE_DUNWOOD___DRP 24194	31.41 1.25 -5.69	29.49 1.15 -6.50	24.19 0.94 -5.37	24.72 -0.13 -27.32	27.29 -0.24 -32.23	26.26 -0.21 -30.65	31.01 -0.02 -31.32	28.69 1.32 -2.23	22.16 0.69 -7.66	21.11 1.03 0.00	23.54 0.98 -4.07	22.15 0.89 -4.58	23.61 0.89 -6.10	28.02 0.44 -18.73	28.68 0.85 -11.36	33.61 1.38 -5.65	33.36 1.54 -3.03	44.45 2.23 0.00	41.67 2.18 -0.66	30.36 1.59 0.00	28.71 1.35 -0.81	24.65 1.27 0.00	23.77 1.19 0.00	22.58 1.06 -0.54
CE_MILLWOOD___DRP 24193	31.35 1.20 -5.67	29.42 1.12 -6.47	24.15 0.91 -5.35	24.61 -0.13 -27.21	27.16 -0.23 -32.10	26.14 -0.21 -30.52	30.88 -0.01 -31.20	28.66 1.29 -2.22	22.11 0.67 -7.62	21.08 1.00 0.00	23.49 0.95 -4.05	22.10 0.86 -4.56	23.55 0.86 -6.07	27.92 0.43 -18.65	28.60 0.82 -11.31	33.54 1.33 -5.63	33.29 1.49 -3.02	44.36 2.14 0.00	41.59 2.10 -0.65	30.31 1.54 0.00	28.67 1.30 -0.80	24.61 1.23 0.00	23.74 1.16 0.00	22.54 1.02 -0.54
CE_NYC2_DRP 24202	31.55 1.37 -5.70	29.61 1.26 -6.50	24.30 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.27 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.83 1.45 -2.24	22.24 0.76 -7.66	21.22 1.14 0.00	23.68 1.12 -4.07	22.27 1.01 -4.59	23.74 1.01 -6.10	28.07 0.48 -18.75	28.75 0.92 -11.37	33.73 1.49 -5.65	33.50 1.68 -3.04	44.58 2.36 0.00	41.83 2.34 -0.66	30.49 1.71 0.00	28.84 1.47 -0.81	24.79 1.41 0.00	23.89 1.31 0.00	22.69 1.17 -0.54
CE_NYC_DRP 24195	31.55 1.37 -5.70	29.61 1.27 -6.50	24.30 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.81 1.43 -2.24	22.22 0.74 -7.66	21.18 1.11 0.00	23.63 1.07 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.08 0.48 -18.75	28.75 0.91 -11.37	33.71 1.48 -5.65	33.49 1.66 -3.04	44.57 2.35 0.00	41.78 2.30 -0.66	30.47 1.69 0.00	28.82 1.45 -0.81	24.76 1.38 0.00	23.85 1.27 0.00	22.66 1.14 -0.54
CHAFFEE___LFGE 323603	25.02 -0.86 -1.41	22.94 -0.51 -1.61	18.94 -0.27 -1.33	4.32 0.04 -6.76	3.30 0.04 -7.97	3.45 0.03 -7.58	7.46 0.00 -7.75	25.07 -0.63 -0.55	15.54 -0.16 -1.89	19.91 -0.16 0.00	19.35 -0.14 -1.01	17.61 -0.20 -1.13	17.82 -0.32 -1.51	13.19 -0.28 -4.63	18.64 -0.64 -2.81	26.80 -1.18 -1.40	28.48 -1.05 -0.75	41.22 -1.00 0.00	37.86 -1.13 -0.16	27.51 -1.27 0.00	25.59 -1.17 -0.20	22.50 -0.88 0.00	21.88 -0.70 0.00	20.60 -0.52 -0.13
CHATEAUG_35_KV_LOAD 355732	24.46 -0.23 -0.22	20.95 -1.14 -0.25	16.80 -1.29 -0.21	-1.19 0.23 -1.05	-3.00 0.47 -1.24	-2.58 0.41 -1.18	0.94 0.03 -1.21	23.00 -2.23 -0.09	12.60 -1.51 -0.29	17.58 -2.49 0.00	15.91 -2.74 -0.16	14.60 -2.25 -0.18	14.86 -2.01 -0.23	8.75 -0.82 -0.72	15.74 -1.17 -0.44	26.07 -0.73 -0.22	28.00 -0.91 -0.12	40.74 -1.48 0.00	37.20 -1.65 -0.03	28.51 -0.26 0.00	26.12 -0.47 -0.03	22.12 -1.27 0.00	21.11 -1.47 0.00	20.03 -0.98 -0.02
CHATEAUG_WT_PWR 323614	24.41 -0.28 -0.21	20.89 -1.19 -0.24	16.77 -1.32 -0.20	-1.22 0.23 -1.02	-3.03 0.48 -1.20	-2.61 0.41 -1.14	0.90 0.03 -1.17	22.96 -2.27 -0.08	12.55 -1.54 -0.28	17.52 -2.55 0.00	15.82 -2.82 -0.15	14.53 -2.32 -0.17	14.80 -2.06 -0.23	8.71 -0.83 -0.70	15.70 -1.19 -0.42	26.05 -0.74 -0.21	27.99 -0.91 -0.11	40.74 -1.48 0.00	37.20 -1.65 -0.03	28.48 -0.30 0.00	26.07 -0.52 -0.03	22.07 -1.31 0.00	21.09 -1.49 0.00	20.01 -0.99 -0.02
CHAT_HIGH_FALL_HYD 323578	24.46 -0.24 -0.22	20.95 -1.14 -0.25	16.79 -1.29 -0.21	-1.19 0.23 -1.05	-3.00 0.47 -1.24	-2.58 0.41 -1.18	0.94 0.03 -1.21	23.00 -2.23 -0.09	12.60 -1.50 -0.29	17.58 -2.49 0.00	15.90 -2.74 -0.16	14.60 -2.25 -0.18	14.86 -2.00 -0.23	8.75 -0.81 -0.72	15.74 -1.16 -0.44	26.07 -0.73 -0.22	28.00 -0.90 -0.12	40.74 -1.48 0.00	37.20 -1.65 -0.03	28.51 -0.26 0.00	26.12 -0.47 -0.03	22.12 -1.26 0.00	21.11 -1.47 0.00	20.03 -0.97 -0.02
CHAUTAUQUA___LFGE 323629	25.17 -0.71 -1.41	23.15 -0.31 -1.61	19.09 -0.13 -1.34	4.35 0.03 -6.79	3.31 0.00 -8.01	3.44 -0.01 -7.62	7.49 0.00 -7.78	25.34 -0.36 -0.55	15.67 -0.04 -1.90	20.05 -0.02 0.00	19.42 -0.07 -1.01	17.59 -0.22 -1.14	17.84 -0.31 -1.51	13.23 -0.27 -4.65	18.77 -0.52 -2.82	27.11 -0.88 -1.40	28.92 -0.62 -0.75	41.89 -0.33 0.00	38.43 -0.56 -0.16	27.98 -0.80 0.00	25.98 -0.78 -0.20	22.90 -0.49 0.00	22.28 -0.30 0.00	20.94 -0.17 -0.13
CHERRYST_13_KV_LD 356241	31.62 1.45 -5.70	29.67 1.33 -6.50	24.34 1.08 -5.38	24.73 -0.15 -27.35	27.29 -0.27 -32.27	26.27 -0.25 -30.68	31.04 -0.02 -31.36	28.88 1.49 -2.24	22.25 0.78 -7.66	21.24 1.17 0.00	23.69 1.13 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.50 -18.75	28.80 0.96 -11.37	33.79 1.55 -5.65	33.56 1.74 -3.04	44.69 2.47 0.00	41.90 2.41 -0.66	30.54 1.76 0.00	28.89 1.52 -0.81	24.82 1.44 0.00	23.90 1.32 0.00	22.71 1.19 -0.54
CHESTROR_138KV_BK263 355645	30.65 0.93 -5.24	28.71 0.89 -5.98	23.55 0.73 -4.94	22.56 -0.10 -25.13	24.76 -0.19 -29.65	23.86 -0.17 -28.19	28.51 -0.02 -28.82	28.24 1.04 -2.05	21.38 0.52 -7.04	20.83 0.76 0.00	22.94 0.71 -3.74	21.52 0.63 -4.22	22.86 0.62 -5.61	26.40 0.33 -17.23	27.54 0.62 -10.45	32.78 1.00 -5.20	32.70 1.12 -2.79	43.84 1.63 0.00	41.04 1.61 -0.61	29.94 1.16 0.00	28.29 0.98 -0.74	24.32 0.94 0.00	23.48 0.90 0.00	22.25 0.78 -0.49
CH_MIDHUDSON___DRP 24192	31.42 1.16 -5.78	29.52 1.08 -6.60	24.22 0.88 -5.46	25.18 -0.12 -27.77	27.83 -0.22 -32.76	26.78 -0.20 -31.15	31.53 -0.02 -31.83	28.66 1.25 -2.27	22.25 0.66 -7.78	21.05 0.97 0.00	23.53 0.91 -4.13	22.16 0.82 -4.66	23.63 0.81 -6.20	28.30 0.42 -19.04	28.82 0.81 -11.54	33.65 1.33 -5.74	33.36 1.49 -3.08	44.41 2.19 0.00	41.62 2.13 -0.67	30.33 1.56 0.00	28.71 1.33 -0.82	24.61 1.23 0.00	23.73 1.15 0.00	22.55 1.02 -0.55

CH_MISC_IPPS 23765	31.44 1.29 -5.68	29.51 1.19 -6.48	24.21 0.97 -5.36	24.65 -0.13 -27.25	27.19 -0.25 -32.15	26.18 -0.23 -30.57	30.93 -0.02 -31.24	28.76 1.39 -2.23	22.18 0.73 -7.64	21.14 1.07 0.00	23.54 1.00 -4.06	22.14 0.89 -4.57	23.59 0.88 -6.08	27.99 0.46 -18.68	28.69 0.89 -11.33	33.67 1.46 -5.63	33.46 1.65 -3.03	44.64 2.42 0.00	41.82 2.34 -0.65	30.47 1.69 0.00	28.83 1.46 -0.81	24.72 1.35 0.00	23.84 1.26 0.00	22.63 1.11 -0.54
CH_RES_BVR_FALLS 23983	24.27 -0.35 -0.14	21.31 -0.70 -0.17	17.25 -0.77 -0.14	-1.64 0.12 -0.70	-3.63 0.25 -0.82	-3.16 0.22 -0.79	0.52 0.02 -0.80	24.05 -1.15 -0.06	13.28 -0.72 -0.19	18.87 -1.20 0.00	17.27 -1.32 -0.10	15.70 -1.09 -0.12	15.81 -0.97 -0.16	8.92 -0.40 -0.48	16.13 -0.62 -0.29	26.13 -0.59 -0.14	28.16 -0.70 -0.08	40.99 -1.23 0.00	37.51 -1.33 -0.02	28.34 -0.43 0.00	26.28 -0.31 -0.02	22.62 -0.76 0.00	21.72 -0.86 0.00	20.35 -0.65 -0.01
CH_RES_NIAGARA 23895	24.35 -1.47 -1.35	22.36 -1.01 -1.54	18.50 -0.65 -1.27	4.06 0.08 -6.46	3.01 0.11 -7.62	3.19 0.12 -7.24	7.11 0.00 -7.40	24.31 -1.36 -0.53	15.07 -0.55 -1.81	19.37 -0.70 0.00	18.81 -0.64 -0.96	17.19 -0.57 -1.08	17.41 -0.65 -1.44	12.76 -0.51 -4.43	18.11 -1.04 -2.69	25.98 -1.93 -1.33	27.54 -1.96 -0.71	39.59 -2.63 0.00	36.31 -2.67 -0.15	26.29 -2.49 0.00	24.51 -2.24 -0.19	21.55 -1.83 0.00	20.99 -1.59 0.00	19.88 -1.23 -0.13
CH_RES_SYRACUSE 23985	25.57 -0.05 -1.14	23.14 0.00 -1.30	18.97 0.01 -1.08	3.00 -0.01 -5.47	1.74 -0.01 -6.46	1.96 -0.01 -6.14	5.98 0.00 -6.28	25.65 0.06 -0.45	15.42 0.07 -1.53	20.20 0.12 0.00	19.43 0.13 -0.81	17.69 0.09 -0.92	17.90 0.05 -1.22	12.61 0.01 -3.75	18.75 0.01 -2.28	27.67 -0.04 -1.13	29.37 -0.03 -0.61	42.22 0.00 0.00	38.94 -0.01 -0.13	28.65 -0.12 0.00	26.65 -0.07 -0.16	23.38 -0.01 0.00	22.58 0.00 0.00	21.08 -0.01 -0.11
CLINTON_WT_PWR 323605	24.41 -0.28 -0.21	20.89 -1.19 -0.24	16.77 -1.32 -0.20	-1.22 0.23 -1.02	-3.03 0.48 -1.20	-2.61 0.41 -1.14	0.90 0.03 -1.17	22.96 -2.27 -0.08	12.55 -1.54 -0.28	17.52 -2.55 0.00	15.82 -2.82 -0.15	14.53 -2.32 -0.17	14.80 -2.06 -0.23	8.71 -0.83 -0.70	15.70 -1.19 -0.42	26.05 -0.74 -0.21	27.99 -0.91 -0.11	40.74 -1.48 0.00	37.20 -1.65 -0.03	28.48 -0.30 0.00	26.07 -0.52 -0.03	22.07 -1.31 0.00	21.09 -1.49 0.00	20.01 -0.99 -0.02
CLINTON__LFGE 323618	24.80 0.11 -0.21	21.23 -0.85 -0.24	17.02 -1.07 -0.20	-1.25 0.19 -1.03	-3.09 0.40 -1.21	-2.66 0.35 -1.15	0.91 0.03 -1.18	23.29 -1.94 -0.09	12.76 -1.34 -0.29	17.84 -2.24 0.00	16.10 -2.54 -0.15	14.78 -2.07 -0.17	15.04 -1.81 -0.23	8.84 -0.71 -0.70	15.91 -0.98 -0.43	26.48 -0.31 -0.21	28.51 -0.39 -0.11	41.57 -0.65 0.00	37.94 -0.91 -0.03	28.98 0.21 0.00	26.55 -0.04 -0.03	22.49 -0.89 0.00	21.46 -1.12 0.00	20.34 -0.66 -0.02
COBBLENY_34_KV_TB1 80064	25.02 -0.87 -1.41	22.94 -0.51 -1.61	18.94 -0.27 -1.33	4.32 0.04 -6.76	3.30 0.04 -7.97	3.44 0.03 -7.58	7.46 0.00 -7.75	25.08 -0.63 -0.55	15.55 -0.16 -1.89	19.91 -0.16 0.00	19.34 -0.15 -1.01	17.61 -0.20 -1.13	17.82 -0.31 -1.51	13.19 -0.28 -4.63	18.64 -0.64 -2.81	26.79 -1.19 -1.40	28.48 -1.06 -0.75	41.22 -1.00 0.00	37.85 -1.14 -0.16	27.50 -1.28 0.00	25.59 -1.17 -0.20	22.50 -0.88 0.00	21.88 -0.69 0.00	20.60 -0.51 -0.13
COFFEEN__115KV_TB3 355620	24.95 -0.28 -0.75	22.12 -0.57 -0.86	17.99 -0.60 -0.71	1.22 0.08 -3.61	-0.31 0.14 -4.26	0.02 0.14 -4.05	3.85 0.01 -4.13	24.90 -0.54 -0.30	14.50 -0.32 -1.01	19.36 -0.71 0.00	18.12 -0.91 -0.54	16.75 -0.54 -0.60	17.24 -0.19 -0.81	11.33 0.01 -2.47	17.75 -0.21 -1.50	27.42 0.10 -0.74	29.64 0.45 -0.40	42.93 0.72 0.00	39.31 0.40 -0.09	29.32 0.54 0.00	27.24 0.58 -0.11	23.48 0.10 0.00	22.59 0.01 0.00	21.15 0.09 -0.07
COLDSPRG_115KV_BK1 355956	25.96 0.05 -1.44	23.82 0.34 -1.64	19.62 0.39 -1.36	4.38 -0.05 -6.89	3.30 -0.12 -8.13	3.45 -0.12 -7.73	7.60 0.00 -7.90	26.12 0.41 -0.56	16.15 0.41 -1.93	20.74 0.66 0.00	20.07 0.56 -1.03	18.13 0.29 -1.16	18.39 0.22 -1.54	13.56 -0.01 -4.72	19.34 0.00 -2.87	27.93 -0.07 -1.42	29.78 0.23 -0.76	43.19 0.98 0.00	39.63 0.63 -0.16	28.88 0.10 0.00	26.82 0.06 -0.20	23.64 0.26 0.00	22.99 0.41 0.00	21.61 0.49 -0.13
COLONIE_LFGE__ 323577	32.23 0.86 -6.90	30.46 0.75 -7.87	25.02 0.63 -6.51	30.55 -0.08 -33.11	34.19 -0.16 -39.06	32.83 -0.15 -37.14	37.65 -0.01 -37.96	28.74 0.89 -2.71	23.57 0.48 -9.28	20.76 0.69 0.00	24.08 0.66 -4.93	22.82 0.59 -5.55	24.63 0.61 -7.39	31.87 0.33 -22.70	30.88 0.64 -13.76	34.48 1.06 -6.84	33.57 1.11 -3.68	43.94 1.72 0.00	41.23 1.61 -0.80	29.95 1.17 0.00	28.62 1.08 -0.98	24.30 0.92 0.00	23.51 0.93 0.00	22.48 0.84 -0.65
COOPERNY_115KV_TB1 80082	29.61 0.71 -4.43	27.57 0.68 -5.06	22.62 0.55 -4.18	18.71 -0.08 -21.25	20.23 -0.14 -25.08	19.55 -0.13 -23.84	24.06 -0.01 -24.37	27.68 0.79 -1.74	20.17 0.41 -5.96	20.67 0.59 0.00	22.21 0.56 -3.17	20.73 0.49 -3.57	21.85 0.48 -4.74	23.66 0.25 -14.57	25.77 0.47 -8.84	31.71 0.74 -4.39	31.98 0.84 -2.36	43.44 1.22 0.00	40.54 1.20 -0.51	29.64 0.87 0.00	27.92 0.73 -0.63	24.09 0.72 0.00	23.26 0.68 0.00	21.99 0.59 -0.42
COPENHAGEN_WT_PWR 323753	24.64 -0.60 -0.77	21.83 -0.89 -0.88	17.74 -0.86 -0.73	1.34 0.12 -3.69	-0.15 0.21 -4.35	0.17 0.20 -4.13	3.95 0.01 -4.23	24.55 -0.90 -0.30	14.35 -0.49 -1.03	19.17 -0.91 0.00	17.90 -1.13 -0.55	16.50 -0.79 -0.62	17.06 -0.39 -0.82	11.33 -0.04 -2.53	17.70 -0.30 -1.53	27.19 -0.16 -0.76	29.30 0.10 -0.41	42.32 0.10 0.00	38.73 -0.18 -0.09	28.96 0.19 0.00	26.91 0.24 -0.11	23.19 -0.19 0.00	22.35 -0.23 0.00	20.97 -0.08 -0.07
CORNELL____ 23752	26.80 0.52 -1.80	24.39 0.50 -2.05	20.01 0.43 -1.70	6.10 -0.06 -8.63	5.34 -0.13 -10.18	5.40 -0.11 -9.68	9.59 -0.01 -9.89	26.55 0.70 -0.70	16.66 0.42 -2.42	20.65 0.57 0.00	20.31 0.54 -1.28	18.59 0.46 -1.45	18.96 0.41 -1.93	14.93 0.18 -5.92	20.35 0.30 -3.59	28.95 0.59 -1.78	30.53 0.79 -0.96	43.52 1.30 0.00	40.22 1.18 -0.21	29.53 0.75 0.00	27.54 0.72 -0.25	24.06 0.68 0.00	23.21 0.63 0.00	21.72 0.57 -0.17
CORONAAV_69_KV_TB1 355595	31.98 1.81 -5.70	29.89 1.54 -6.50	24.53 1.27 -5.38	24.71 -0.17 -27.35	27.24 -0.32 -32.27	26.23 -0.29 -30.68	31.05 -0.02 -31.36	29.19 1.81 -2.24	22.42 0.94 -7.66	21.46 1.38 0.00	23.86 1.30 -4.07	22.44 1.18 -4.59	23.91 1.18 -6.10	28.21 0.61 -18.75	29.09 1.26 -11.37	34.35 2.12 -5.65	35.96 2.43 -4.75	45.41 3.19 0.00	42.42 2.94 -0.66	30.89 2.11 0.00	29.04 1.67 -0.81	24.99 1.61 0.00	24.09 1.51 0.00	22.86 1.34 -0.54
CORTLAND_115KV_TB3 80093	26.37 0.32 -1.58	23.95 0.31 -1.80	19.64 0.27 -1.49	5.08 -0.04 -7.59	4.16 -0.08 -8.95	4.28 -0.07 -8.51	8.40 0.00 -8.70	26.20 0.43 -0.62	16.20 0.26 -2.13	20.44 0.36 0.00	19.96 0.35 -1.13	18.25 0.31 -1.27	18.58 0.26 -1.69	14.16 0.12 -5.20	19.83 0.21 -3.16	28.54 0.39 -1.57	30.13 0.50 -0.84	43.01 0.79 0.00	39.71 0.70 -0.18	29.20 0.42 0.00	27.21 0.42 -0.22	23.78 0.40 0.00	22.95 0.37 0.00	21.47 0.34 -0.15

COXSACKIE___GT 23611	32.85 1.90 -6.48	30.94 1.71 -7.40	25.39 1.39 -6.12	28.44 -0.19 -31.10	31.62 -0.37 -36.70	30.40 -0.33 -34.89	35.34 -0.02 -35.66	29.81 2.12 -2.54	23.62 1.10 -8.72	21.37 1.30 0.00	24.27 1.16 -4.63	23.12 1.23 -5.22	24.95 1.38 -6.94	30.95 0.78 -21.32	30.84 1.44 -12.93	35.37 2.37 -6.43	34.99 2.75 -3.45	46.61 4.39 0.00	43.57 4.00 -0.75	31.54 2.77 0.00	30.03 2.55 -0.92	25.54 2.16 0.00	24.59 2.01 0.00	23.41 1.82 -0.61
CPV_VALLEY___CC1 323721	30.18 0.76 -4.95	28.22 0.74 -5.64	23.15 0.60 -4.67	21.18 -0.08 -23.73	23.14 -0.16 -28.01	22.32 -0.14 -26.63	26.91 -0.01 -27.22	27.94 0.85 -1.94	20.89 0.43 -6.65	20.71 0.64 0.00	22.63 0.60 -3.54	21.19 0.53 -3.98	22.45 0.53 -5.30	25.39 0.27 -16.27	26.85 0.51 -9.87	32.31 0.82 -4.91	32.33 0.91 -2.64	43.52 1.30 0.00	40.71 1.30 -0.57	29.71 0.93 0.00	28.05 0.79 -0.70	24.15 0.77 0.00	23.32 0.75 0.00	22.09 0.64 -0.47
CPV_VALLEY___CC2 323722	30.18 0.76 -4.95	28.22 0.74 -5.64	23.15 0.60 -4.67	21.18 -0.08 -23.73	23.14 -0.16 -28.01	22.32 -0.14 -26.63	26.91 -0.01 -27.22	27.94 0.85 -1.94	20.89 0.43 -6.65	20.71 0.64 0.00	22.63 0.60 -3.54	21.19 0.53 -3.98	22.45 0.53 -5.30	25.39 0.27 -16.27	26.85 0.51 -9.87	32.31 0.82 -4.91	32.33 0.91 -2.64	43.52 1.30 0.00	40.71 1.30 -0.57	29.71 0.93 0.00	28.05 0.79 -0.70	24.15 0.77 0.00	23.32 0.75 0.00	22.09 0.64 -0.47
CRESCENT___HYD 24018	32.23 0.86 -6.90	30.46 0.75 -7.87	25.02 0.63 -6.51	30.55 -0.08 -33.11	34.19 -0.16 -39.06	32.83 -0.15 -37.14	37.65 -0.01 -37.96	28.74 0.89 -2.71	23.57 0.48 -9.28	20.76 0.69 0.00	24.08 0.66 -4.93	22.82 0.59 -5.55	24.63 0.61 -7.39	31.87 0.33 -22.70	30.88 0.64 -13.76	34.48 1.06 -6.84	33.57 1.11 -3.68	43.94 1.72 0.00	41.23 1.61 -0.80	29.95 1.17 0.00	28.62 1.08 -0.98	24.30 0.92 0.00	23.51 0.93 0.00	22.48 0.84 -0.65
CRICKET___VALLEY_CC1 323756	31.32 0.90 -5.95	29.49 0.86 -6.79	24.20 0.71 -5.62	25.99 -0.09 -28.56	28.81 -0.17 -33.69	27.71 -0.16 -32.03	32.43 -0.01 -32.74	28.46 0.98 -2.33	22.33 0.52 -8.00	20.89 0.82 0.00	23.50 0.76 -4.25	22.17 0.70 -4.79	23.67 0.67 -6.37	28.76 0.33 -19.58	29.00 0.66 -11.87	33.58 1.09 -5.90	33.15 1.19 -3.17	43.97 1.76 0.00	41.30 1.78 -0.69	30.06 1.29 0.00	28.52 1.12 -0.84	24.40 1.02 0.00	23.55 0.97 0.00	22.40 0.85 -0.56
CRICKET___VALLEY_CC2 323757	31.32 0.90 -5.95	29.49 0.86 -6.79	24.20 0.71 -5.62	25.99 -0.09 -28.56	28.81 -0.17 -33.69	27.71 -0.16 -32.03	32.43 -0.01 -32.74	28.46 0.98 -2.33	22.33 0.52 -8.00	20.89 0.82 0.00	23.50 0.76 -4.25	22.17 0.70 -4.79	23.67 0.67 -6.37	28.76 0.33 -19.58	29.00 0.66 -11.87	33.58 1.09 -5.90	33.15 1.19 -3.17	43.97 1.76 0.00	41.30 1.78 -0.69	30.06 1.29 0.00	28.52 1.12 -0.84	24.40 1.02 0.00	23.55 0.97 0.00	22.40 0.85 -0.56
CRICKET___VALLEY_CC3 323758	31.32 0.90 -5.95	29.49 0.86 -6.79	24.20 0.71 -5.62	25.99 -0.09 -28.56	28.81 -0.17 -33.69	27.71 -0.16 -32.03	32.43 -0.01 -32.74	28.46 0.98 -2.33	22.33 0.52 -8.00	20.89 0.82 0.00	23.50 0.76 -4.25	22.17 0.70 -4.79	23.67 0.67 -6.37	28.76 0.33 -19.58	29.00 0.66 -11.87	33.58 1.09 -5.90	33.15 1.19 -3.17	43.97 1.76 0.00	41.30 1.78 -0.69	30.06 1.29 0.00	28.52 1.12 -0.84	24.40 1.02 0.00	23.55 0.97 0.00	22.40 0.85 -0.56
CRUCIBLE_METL_DRP 24180	25.57 -0.05 -1.14	23.14 0.00 -1.30	18.97 0.01 -1.08	3.00 -0.01 -5.47	1.74 -0.01 -6.46	1.96 -0.01 -6.14	5.98 0.00 -6.28	25.65 0.06 -0.45	15.42 0.07 -1.53	20.19 0.12 0.00	19.43 0.13 -0.81	17.69 0.09 -0.92	17.90 0.05 -1.22	12.61 0.01 -3.75	18.75 0.01 -2.28	27.67 -0.04 -1.13	29.37 -0.03 -0.61	42.21 0.00 0.00	38.94 -0.01 -0.13	28.65 -0.13 -0.07	26.65 -0.07 -0.16	23.38 -0.01 0.00	22.58 0.00 0.00	21.08 -0.01 -0.11
DAHOWA___HYDRO 323763	32.90 1.43 -6.99	31.08 1.26 -7.98	25.52 1.04 -6.60	30.96 -0.14 -33.57	34.63 -0.27 -39.61	33.25 -0.24 -37.66	38.18 -0.02 -38.49	29.36 1.47 -2.74	24.00 0.78 -9.41	21.18 1.11 0.00	24.48 0.99 -5.00	23.20 0.89 -5.63	25.08 0.96 -7.49	32.38 0.53 -23.01	31.42 1.00 -13.96	35.19 1.67 -6.94	34.33 1.82 -3.73	44.97 2.76 0.00	42.14 2.51 -0.81	30.51 1.73 0.00	29.10 1.55 -0.99	24.68 1.30 0.00	23.95 1.37 0.00	22.92 1.28 -0.66
DANC___LFGE 323619	24.79 -0.54 -0.86	22.14 -0.68 -0.98	18.06 -0.63 -0.81	1.74 0.09 -4.12	0.30 0.15 -4.86	0.60 0.14 -4.62	4.44 0.01 -4.72	24.79 -0.70 -0.34	14.60 -0.37 -1.15	19.44 -0.64 0.00	18.34 -0.76 -0.61	16.81 -0.56 -0.69	17.24 -0.31 -0.92	11.60 -0.07 -2.82	17.88 -0.30 -1.71	27.14 -0.29 -0.85	29.11 -0.13 -0.46	42.01 -0.20 0.00	38.55 -0.37 -0.10	28.68 -0.10 0.00	26.65 -0.03 -0.12	23.12 -0.26 0.00	22.30 -0.28 0.00	20.88 -0.18 -0.08
DANSKAMMER___1 23586	31.44 1.29 -5.68	29.51 1.19 -6.48	24.21 0.97 -5.36	24.65 -0.13 -27.25	27.19 -0.25 -32.15	26.18 -0.23 -30.57	30.93 -0.02 -31.24	28.76 1.39 -2.23	22.18 0.73 -7.64	21.14 1.07 0.00	23.54 1.00 -4.06	22.14 0.89 -4.57	23.59 0.88 -6.08	27.99 0.46 -18.68	28.69 0.89 -11.33	33.67 1.46 -5.63	33.46 1.65 -3.03	44.64 2.42 0.00	41.82 2.34 -0.65	30.47 1.69 0.00	28.83 1.46 -0.81	24.72 1.35 0.00	23.84 1.26 0.00	22.63 1.11 -0.54
DANSKAMMER___2 23589	31.44 1.29 -5.68	29.51 1.19 -6.48	24.21 0.97 -5.36	24.65 -0.13 -27.25	27.19 -0.25 -32.15	26.18 -0.23 -30.57	30.93 -0.02 -31.24	28.76 1.39 -2.23	22.18 0.73 -7.64	21.14 1.07 0.00	23.54 1.00 -4.06	22.14 0.89 -4.57	23.59 0.88 -6.08	27.99 0.46 -18.68	28.69 0.89 -11.33	33.67 1.46 -5.63	33.46 1.65 -3.03	44.64 2.42 0.00	41.82 2.34 -0.65	30.47 1.69 0.00	28.83 1.46 -0.81	24.72 1.35 0.00	23.84 1.26 0.00	22.63 1.11 -0.54
DANSKAMMER___3 23590	31.44 1.29 -5.68	29.51 1.19 -6.48	24.21 0.97 -5.36	24.65 -0.13 -27.25	27.19 -0.25 -32.15	26.18 -0.23 -30.57	30.93 -0.02 -31.24	28.76 1.39 -2.23	22.18 0.73 -7.64	21.14 1.07 0.00	23.54 1.00 -4.06	22.14 0.89 -4.57	23.59 0.88 -6.08	27.99 0.46 -18.68	28.69 0.89 -11.33	33.67 1.46 -5.63	33.46 1.65 -3.03	44.64 2.42 0.00	41.82 2.34 -0.65	30.47 1.69 0.00	28.83 1.46 -0.81	24.72 1.35 0.00	23.84 1.26 0.00	22.63 1.11 -0.54
DANSKAMMER___4 23591	31.44 1.29 -5.68	29.51 1.19 -6.48	24.21 0.97 -5.36	24.65 -0.13 -27.25	27.19 -0.25 -32.15	26.18 -0.23 -30.57	30.93 -0.02 -31.24	28.76 1.39 -2.23	22.18 0.73 -7.64	21.14 1.07 0.00	23.54 1.00 -4.06	22.14 0.89 -4.57	23.59 0.88 -6.08	27.99 0.46 -18.68	28.69 0.89 -11.33	33.67 1.46 -5.63	33.46 1.65 -3.03	44.64 2.42 0.00	41.82 2.34 -0.65	30.47 1.69 0.00	28.83 1.46 -0.81	24.72 1.35 0.00	23.84 1.26 0.00	22.63 1.11 -0.54
DANSKAMMER___DIESEL 23592	31.44 1.29 -5.68	29.51 1.19 -6.48	24.21 0.97 -5.36	24.65 -0.13 -27.25	27.19 -0.25 -32.15	26.18 -0.23 -30.57	30.93 -0.02 -31.24	28.77 1.39 -2.23	22.18 0.73 -7.64	21.15 1.08 0.00	23.54 1.00 -4.06	22.14 0.89 -4.57	23.59 0.88 -6.08	27.99 0.46 -18.68	28.69 0.89 -11.33	33.67 1.46 -5.63	33.46 1.65 -3.03	44.64 2.42 0.00	41.83 2.34 -0.65	30.47 1.70 0.00	28.83 1.46 -0.81	24.72 1.35 0.00	23.84 1.26 0.00	22.63 1.11 -0.54

DARBY___SOLAR 323810	32.78 1.32 -6.98	30.97 1.17 -7.97	25.44 0.97 -6.59	30.90 -0.13 -33.50	34.57 -0.25 -39.53	33.19 -0.23 -37.58	38.10 -0.02 -38.41	29.25 1.37 -2.74	23.93 0.73 -9.39	21.09 1.02 0.00	24.39 0.92 -4.99	23.12 0.82 -5.62	25.00 0.89 -7.48	32.30 0.49 -22.97	31.32 0.93 -13.93	35.05 1.54 -6.93	34.19 1.68 -3.72	44.76 2.54 0.00	41.95 2.32 -0.81	30.39 1.61 0.00	29.00 1.45 -0.99	24.60 1.22 0.00	23.86 1.28 0.00	22.83 1.19 -0.66
DASHVILLE___HYD 23610	31.26 0.90 -5.88	29.39 0.84 -6.71	24.12 0.68 -5.55	25.67 -0.09 -28.23	28.43 -0.18 -33.31	27.35 -0.16 -31.67	32.07 -0.01 -32.37	28.43 0.97 -2.31	22.23 0.51 -7.91	20.83 0.75 0.00	23.38 0.69 -4.21	22.02 0.61 -4.74	23.51 0.58 -6.30	28.52 0.32 -19.36	28.80 0.60 -11.74	33.43 1.01 -5.84	33.08 1.16 -3.14	43.88 1.66 0.00	41.16 1.65 -0.68	29.95 1.18 0.00	28.41 1.02 -0.83	24.33 0.95 0.00	23.48 0.90 0.00	22.32 0.78 -0.55
DEERFIELD_69_KV_DEERFIELD LD 355887	32.88 2.71 -5.70	30.64 2.30 -6.50	25.21 1.95 -5.38	24.62 -0.27 -27.35	27.08 -0.49 -32.27	26.06 -0.46 -30.68	31.03 -0.04 -31.36	30.24 2.86 -2.24	23.00 1.52 -7.66	22.17 2.09 0.00	24.40 1.84 -4.07	22.88 1.62 -4.59	24.33 1.60 -6.10	28.43 0.84 -18.75	29.65 1.81 -11.37	35.34 3.11 -5.65	37.82 3.69 -5.35	280.11 4.94 -232.95	298.00 4.45 -254.71	403.59 3.61 -371.21	72.21 2.62 -43.02	38.57 2.35 -12.84	24.80 2.22 0.00	23.50 1.97 -0.54
DELAWARE___LFGE 323621	28.14 0.71 -2.96	25.88 0.66 -3.38	21.23 0.56 -2.80	11.67 -0.08 -14.22	11.91 -0.16 -16.77	11.65 -0.14 -15.95	15.99 -0.01 -16.30	27.12 0.81 -1.16	18.24 0.45 -3.98	20.74 0.66 0.00	21.23 0.63 -2.12	19.60 0.54 -2.39	20.31 0.51 -3.17	18.86 0.27 -9.75	22.87 0.49 -5.91	30.32 0.80 -2.94	31.29 0.93 -1.58	43.58 1.37 0.00	40.48 1.31 -0.34	29.72 0.95 0.00	27.83 0.85 -0.42	24.16 0.78 0.00	23.31 0.73 0.00	21.91 0.65 -0.28
DERFIELD_115KV_TB7 355931	24.65 0.01 -0.17	22.01 -0.03 -0.20	18.00 -0.05 -0.16	-1.63 0.01 -0.83	-3.71 0.02 -0.98	-3.22 0.02 -0.93	0.65 0.00 -0.95	25.16 -0.05 -0.07	14.00 -0.04 -0.23	20.00 -0.08 0.00	18.52 -0.09 -0.12	16.75 -0.07 -0.14	16.76 -0.05 -0.19	9.40 -0.01 -0.57	16.80 -0.01 -0.34	26.77 0.02 -0.17	28.91 0.03 -0.09	42.24 0.02 0.00	38.85 0.00 -0.02	28.83 0.05 0.00	26.64 0.05 -0.02	23.37 -0.01 0.00	22.57 -0.01 0.00	21.00 0.00 -0.02
DOGLEVILLE___HYD 23807	24.98 0.33 -0.17	22.35 0.32 -0.20	18.27 0.22 -0.16	-1.67 -0.03 -0.83	-3.78 -0.05 -0.98	-3.28 -0.04 -0.93	0.65 0.00 -0.95	25.57 0.36 -0.07	14.17 0.13 -0.23	20.23 0.15 0.00	18.79 0.18 -0.12	16.98 0.16 -0.14	17.06 0.25 -0.19	9.51 0.10 -0.57	17.01 0.20 -0.34	27.37 0.62 -0.17	29.62 0.75 -0.09	43.43 1.21 0.00	40.00 1.16 -0.02	29.40 0.62 0.00	27.26 0.67 -0.02	23.99 0.61 0.00	23.09 0.51 0.00	21.38 0.38 -0.02
DUNKIRK___115KV_TB_200 55889	25.17 -0.72 -1.41	23.15 -0.31 -1.61	19.08 -0.14 -1.33	4.34 0.03 -6.79	3.30 0.00 -8.01	3.44 -0.01 -7.61	7.49 0.00 -7.78	25.33 -0.37 -0.55	15.67 -0.04 -1.90	20.04 -0.04 0.00	19.42 -0.08 -1.01	17.61 -0.20 -1.14	17.85 -0.29 -1.51	13.23 -0.27 -4.65	18.77 -0.52 -2.82	27.07 -0.91 -1.40	28.85 -0.68 -0.75	41.78 -0.44 0.00	38.33 -0.66 -0.16	27.91 -0.87 0.00	25.92 -0.84 -0.20	22.84 -0.54 0.00	22.23 -0.35 0.00	20.90 -0.21 -0.13
DUNKIRK___1 23563	25.17 -0.72 -1.41	23.15 -0.31 -1.61	19.08 -0.14 -1.33	4.34 0.03 -6.79	3.30 0.00 -8.01	3.44 -0.01 -7.61	7.49 0.00 -7.78	25.33 -0.37 -0.55	15.67 -0.04 -1.90	20.04 -0.04 0.00	19.42 -0.08 -1.01	17.61 -0.20 -1.14	17.85 -0.29 -1.51	13.23 -0.27 -4.65	18.77 -0.52 -2.82	27.07 -0.91 -1.40	28.85 -0.68 -0.75	41.78 -0.44 0.00	38.33 -0.66 -0.16	27.91 -0.87 0.00	25.92 -0.84 -0.20	22.84 -0.54 0.00	22.23 -0.35 0.00	20.90 -0.21 -0.13
DUNKIRK___2 23564	25.17 -0.72 -1.41	23.15 -0.31 -1.61	19.08 -0.14 -1.33	4.34 0.03 -6.79	3.30 0.00 -8.01	3.44 -0.01 -7.61	7.49 0.00 -7.78	25.33 -0.37 -0.55	15.67 -0.04 -1.90	20.04 -0.04 0.00	19.42 -0.08 -1.01	17.61 -0.20 -1.14	17.85 -0.29 -1.51	13.23 -0.27 -4.65	18.77 -0.52 -2.82	27.07 -0.91 -1.40	28.85 -0.68 -0.75	41.78 -0.44 0.00	38.33 -0.66 -0.16	27.91 -0.87 0.00	25.92 -0.84 -0.20	22.84 -0.54 0.00	22.23 -0.35 0.00	20.90 -0.21 -0.13
DUNKIRK___3 23565	25.20 -0.69 -1.42	23.15 -0.30 -1.61	19.08 -0.14 -1.34	4.35 0.03 -6.80	3.32 0.01 -8.02	3.46 0.00 -7.62	7.50 0.00 -7.79	25.32 -0.38 -0.56	15.67 -0.05 -1.91	20.04 -0.04 0.00	19.44 -0.06 -1.01	17.63 -0.18 -1.14	17.87 -0.28 -1.52	13.24 -0.26 -4.66	18.76 -0.53 -2.83	27.03 -0.96 -1.40	28.75 -0.79 -0.75	41.60 -0.62 0.00	38.17 -0.82 -0.16	27.82 -0.96 0.00	25.83 -0.93 -0.20	22.77 -0.61 0.00	22.17 -0.41 0.00	20.86 -0.25 -0.13
DUNKIRK___4 23566	25.14 -0.74 -1.40	23.09 -0.35 -1.60	19.04 -0.16 -1.32	4.28 0.02 -6.73	3.24 0.01 -7.94	3.39 0.00 -7.55	7.42 0.00 -7.71	25.27 -0.43 -0.55	15.63 -0.07 -1.89	20.02 -0.05 0.00	19.41 -0.08 -1.00	17.61 -0.19 -1.13	17.84 -0.29 -1.50	13.19 -0.27 -4.61	18.71 -0.55 -2.80	26.99 -0.98 -1.39	28.76 -0.77 -0.75	41.64 -0.58 0.00	38.21 -0.78 -0.16	27.80 -0.98 0.00	25.83 -0.93 -0.20	22.76 -0.62 0.00	22.14 -0.44 0.00	20.84 -0.28 -0.13
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.45 1.28 -5.70	29.52 1.18 -6.50	24.22 0.96 -5.38	24.75 -0.13 -27.35	27.32 -0.24 -32.27	26.29 -0.22 -30.68	31.05 -0.02 -31.36	28.72 1.34 -2.24	22.18 0.71 -7.66	21.13 1.06 0.00	23.57 1.01 -4.07	22.19 0.93 -4.59	23.65 0.92 -6.10	28.05 0.46 -18.75	28.71 0.87 -11.37	33.66 1.42 -5.65	33.42 1.60 -3.04	44.51 2.29 0.00	41.72 2.23 -0.66	30.41 1.64 0.00	28.76 1.39 -0.81	24.69 1.31 0.00	23.81 1.23 0.00	22.61 1.09 -0.54
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.06 1.08 -5.50	29.14 1.02 -6.28	23.90 0.83 -5.20	23.83 -0.11 -26.41	26.24 -0.21 -31.17	25.27 -0.20 -29.63	29.98 -0.01 -30.28	28.49 1.19 -2.16	21.82 0.61 -7.40	20.96 0.89 0.00	23.25 0.83 -3.93	21.84 0.73 -4.43	23.25 0.72 -5.89	27.34 0.38 -18.11	28.18 0.73 -10.98	33.24 1.20 -5.46	33.06 1.34 -2.93	44.18 1.97 0.00	41.38 1.92 -0.64	30.16 1.39 0.00	28.52 1.19 -0.78	24.49 1.11 0.00	23.64 1.06 0.00	22.42 0.92 -0.52
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.56 1.39 -5.70	29.62 1.28 -6.50	24.32 1.06 -5.38	24.74 -0.14 -27.35	27.29 -0.27 -32.27	26.27 -0.24 -30.68	31.04 -0.02 -31.36	28.86 1.48 -2.24	22.25 0.77 -7.66	21.20 1.13 0.00	23.70 1.14 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.07 0.48 -18.75	28.76 0.92 -11.37	33.73 1.49 -5.65	33.51 1.69 -3.04	44.57 2.36 0.00	41.83 2.34 -0.66	30.49 1.71 0.00	28.84 1.48 -0.81	24.80 1.42 0.00	23.90 1.31 0.00	22.72 1.20 -0.54
E179THST_13_KV_LOAD 356214	31.66 1.49 -5.70	29.71 1.37 -6.50	24.39 1.13 -5.38	24.73 -0.15 -27.35	27.27 -0.29 -32.27	26.25 -0.26 -30.68	31.04 -0.02 -31.36	28.96 1.57 -2.24	22.31 0.83 -7.66	21.29 1.21 0.00	23.77 1.22 -4.07	22.33 1.07 -4.59	23.79 1.06 -6.10	28.11 0.52 -18.75	28.83 0.99 -11.37	33.85 1.61 -5.65	33.65 1.82 -3.04	44.78 2.57 0.00	42.02 2.53 -0.66	30.61 1.84 0.00	28.96 1.60 -0.81	24.91 1.53 0.00	24.00 1.42 0.00	22.81 1.28 -0.54

EAST HAMPTON___GT 23717	33.11 2.94 -5.70	30.84 2.50 -6.50	25.38 2.12 -5.38	24.60 -0.29 -27.35	27.03 -0.54 -32.27	26.02 -0.50 -30.68	31.03 -0.03 -31.36	30.50 3.11 -2.24	23.13 1.66 -7.66	22.36 2.29 0.00	24.57 2.01 -4.07	23.02 1.76 -4.59	24.47 1.74 -6.10	28.51 0.91 -18.75	29.80 1.96 -11.37	35.60 3.36 -5.65	38.10 3.97 -5.35	280.48 5.33 -232.93	298.29 4.78 -254.69	403.86 3.92 -371.17	72.49 2.92 -43.02	38.80 2.58 -12.84	25.02 2.44 0.00	23.69 2.17 -0.54
EAST RIVER___6 23660	31.64 1.46 -5.70	29.69 1.35 -6.50	24.36 1.10 -5.38	24.73 -0.15 -27.35	27.29 -0.27 -32.27	26.27 -0.24 -30.68	31.04 -0.02 -31.36	28.85 1.47 -2.24	22.21 0.74 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.29 1.03 -4.59	23.77 1.04 -6.10	28.10 0.50 -18.75	28.78 0.95 -11.37	33.76 1.53 -5.65	33.55 1.73 -3.04	44.61 2.40 0.00	41.82 2.34 -0.66	30.53 1.75 0.00	28.89 1.52 -0.81	24.80 1.42 0.00	23.85 1.27 0.00	22.66 1.14 -0.54
EAST RIVER___7 23524	31.64 1.46 -5.70	29.69 1.35 -6.50	24.36 1.10 -5.38	24.73 -0.15 -27.35	27.29 -0.27 -32.27	26.27 -0.24 -30.68	31.04 -0.02 -31.36	28.85 1.47 -2.24	22.21 0.74 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.29 1.03 -4.59	23.77 1.04 -6.10	28.10 0.50 -18.75	28.78 0.95 -11.37	33.76 1.53 -5.65	33.55 1.73 -3.04	44.61 2.40 0.00	41.82 2.34 -0.66	30.53 1.75 0.00	28.89 1.52 -0.81	24.80 1.42 0.00	23.85 1.27 0.00	22.66 1.14 -0.54
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.41 1.25 -5.69	29.49 1.15 -6.50	24.19 0.94 -5.37	24.72 -0.13 -27.32	27.29 -0.24 -32.23	26.26 -0.21 -30.65	31.01 -0.02 -31.32	28.69 1.32 -2.23	22.16 0.69 -7.66	21.11 1.03 0.00	23.54 0.98 -4.07	22.15 0.89 -4.58	23.61 0.89 -6.10	28.02 0.44 -18.73	28.68 0.85 -11.36	33.61 1.38 -5.65	33.36 1.54 -3.03	44.45 2.23 0.00	41.67 2.18 -0.66	30.36 1.59 0.00	28.71 1.35 -0.81	24.65 1.27 0.00	23.77 1.19 0.00	22.58 1.06 -0.54
EAST_HAMPTON___DIESEL 23722	33.11 2.94 -5.70	30.84 2.50 -6.50	25.38 2.12 -5.38	24.60 -0.29 -27.35	27.03 -0.54 -32.27	26.02 -0.50 -30.68	31.03 -0.03 -31.36	30.50 3.12 -2.24	23.13 1.66 -7.66	22.36 2.29 0.00	24.57 2.01 -4.07	23.02 1.76 -4.59	24.47 1.74 -6.10	28.51 0.91 -18.75	29.80 1.96 -11.37	35.60 3.37 -5.65	38.10 3.97 -5.35	280.48 5.33 -232.93	298.29 4.78 -254.69	403.87 3.93 -371.17	72.50 2.92 -43.02	38.81 2.58 -12.84	25.02 2.44 0.00	23.69 2.17 -0.54
EAST_PULASKI___ESR 323781	24.99 -0.42 -0.94	22.48 -0.43 -1.07	18.40 -0.37 -0.89	2.09 0.05 -4.51	0.71 0.09 -5.32	0.98 0.08 -5.06	4.89 0.01 -5.17	25.07 -0.45 -0.37	14.86 -0.22 -1.26	19.74 -0.34 0.00	18.80 -0.36 -0.67	17.13 -0.30 -0.75	17.43 -0.20 -1.01	11.86 -0.08 -3.09	18.09 -0.25 -1.88	27.15 -0.36 -0.93	28.99 -0.30 -0.50	41.82 -0.40 0.00	38.48 -0.46 -0.11	28.44 -0.33 0.00	26.45 -0.25 -0.13	23.09 -0.29 0.00	22.29 -0.29 0.00	20.82 -0.25 -0.09
EAST_RIVER___1 323558	31.55 1.38 -5.70	29.61 1.27 -6.50	24.30 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.81 1.43 -2.24	22.22 0.74 -7.66	21.18 1.11 0.00	23.63 1.07 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.08 0.48 -18.75	28.75 0.91 -11.37	33.71 1.48 -5.65	33.48 1.66 -3.04	44.56 2.34 0.00	41.78 2.30 -0.66	30.46 1.68 0.00	28.82 1.45 -0.81	24.76 1.38 0.00	23.85 1.27 0.00	22.66 1.14 -0.54
EAST_RIVER___2 323559	31.64 1.46 -5.70	29.69 1.35 -6.50	24.36 1.10 -5.38	24.73 -0.15 -27.35	27.29 -0.27 -32.27	26.27 -0.24 -30.68	31.04 -0.02 -31.36	28.85 1.47 -2.24	22.21 0.74 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.29 1.03 -4.59	23.77 1.04 -6.10	28.10 0.50 -18.75	28.78 0.95 -11.37	33.76 1.53 -5.65	33.55 1.73 -3.04	44.61 2.40 0.00	41.82 2.34 -0.66	30.53 1.75 0.00	28.89 1.52 -0.81	24.80 1.42 0.00	23.85 1.27 0.00	22.66 1.14 -0.54
EAST___DELAWARE_HYD 23607	30.49 0.82 -5.19	28.52 0.76 -5.93	23.39 0.61 -4.90	22.36 -0.09 -24.91	24.53 -0.16 -29.39	23.63 -0.15 -27.95	28.26 -0.01 -28.57	28.12 0.93 -2.04	21.24 0.45 -6.98	20.68 0.61 0.00	22.72 0.53 -3.71	21.29 0.44 -4.18	22.60 0.42 -5.56	26.22 0.29 -17.08	27.35 0.52 -10.36	32.66 0.93 -5.15	32.67 1.12 -2.77	43.86 1.65 0.00	41.06 1.63 -0.60	29.97 1.19 0.00	28.27 0.98 -0.74	24.30 0.92 0.00	23.42 0.84 0.00	22.17 0.70 -0.49
EIGHT_POINT___WT_PWR 323820	24.59 -1.49 -1.60	22.66 -1.00 -1.83	18.68 -0.71 -1.51	5.34 0.12 -7.69	4.55 0.18 -9.08	4.59 0.12 -8.63	8.54 0.02 -8.82	24.76 -1.02 -0.63	15.60 -0.37 -2.16	19.48 -0.59 0.00	18.97 -0.67 -1.15	17.14 -0.82 -1.29	17.26 -1.09 -1.72	13.36 -0.76 -5.27	18.13 -1.53 -3.20	25.96 -2.21 -1.59	28.16 -1.48 -0.85	41.10 -1.12 0.00	38.11 -0.90 -0.18	28.15 -0.63 0.00	26.11 -0.68 -0.23	23.13 -0.25 0.00	22.36 -0.22 0.00	20.95 -0.18 -0.15
ELBRIDGE_115KV_TB2 80188	25.50 -0.15 -1.17	23.09 -0.09 -1.34	18.93 -0.06 -1.11	3.17 0.00 -5.63	1.94 0.00 -6.64	2.15 0.00 -6.31	6.16 0.00 -6.46	25.55 -0.06 -0.46	15.40 0.01 -1.58	20.11 0.04 0.00	19.37 0.04 -0.84	17.64 0.02 -0.94	17.85 -0.03 -1.26	12.67 -0.03 -3.86	18.73 -0.08 -2.34	27.55 -0.19 -1.16	29.21 -0.20 -0.63	41.98 -0.24 0.00	38.77 -0.19 -0.13	28.55 -0.22 0.00	26.52 -0.21 -0.17	23.26 -0.12 0.00	22.48 -0.10 0.00	20.99 -0.10 -0.11
ELEC_TRO_TEK 24086	31.83 1.66 -5.70	29.76 1.42 -6.50	24.44 1.18 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.07 1.69 -2.24	22.36 0.88 -7.66	21.36 1.28 0.00	23.76 1.20 -4.07	22.35 1.08 -4.59	23.80 1.07 -6.10	28.15 0.56 -18.75	28.99 1.15 -11.37	34.17 1.94 -5.65	35.25 2.23 -4.24	45.10 2.88 0.00	42.18 2.69 -0.66	30.76 1.98 0.00	28.87 1.50 -0.81	24.82 1.45 0.00	23.93 1.35 0.00	22.72 1.20 -0.54
ELLENBURG_WT_PWR 323604	24.41 -0.28 -0.21	20.89 -1.19 -0.24	16.77 -1.32 -0.20	-1.22 0.23 -1.02	-3.03 0.48 -1.20	-2.61 0.41 -1.14	0.90 0.03 -1.17	22.96 -2.27 -0.08	12.55 -1.54 -0.28	17.52 -2.55 0.00	15.82 -2.82 -0.15	14.53 -2.32 -0.17	14.80 -2.06 -0.23	8.71 -0.83 -0.70	15.70 -1.19 -0.42	26.05 -0.74 -0.21	27.99 -0.91 -0.11	40.74 -1.48 0.00	37.20 -1.65 -0.03	28.48 -0.30 0.00	26.07 -0.52 -0.03	22.07 -1.31 0.00	21.09 -1.49 0.00	20.01 -0.99 -0.02
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.88 -0.97 -1.38	22.83 -0.59 -1.57	18.86 -0.33 -1.30	4.19 0.04 -6.62	3.15 0.05 -7.81	3.30 0.04 -7.42	7.30 0.00 -7.59	24.93 -0.75 -0.54	15.43 -0.23 -1.86	19.82 -0.25 0.00	19.23 -0.24 -0.99	17.52 -0.27 -1.11	17.73 -0.37 -1.48	13.07 -0.31 -4.54	18.51 -0.71 -2.75	26.65 -1.30 -1.37	28.31 -1.21 -0.73	40.94 -1.28 0.00	37.58 -1.41 -0.16	27.27 -1.51 0.00	25.39 -1.36 -0.19	22.33 -1.05 0.00	21.73 -0.85 0.00	20.48 -0.63 -0.13
EMPIRE_CC_1 323656	31.58 0.51 -6.60	29.83 0.46 -7.53	24.51 0.40 -6.23	29.15 -0.05 -31.67	32.56 -0.10 -37.36	31.27 -0.09 -35.52	36.01 -0.01 -36.31	28.19 0.46 -2.59	22.95 0.27 -8.87	20.48 0.40 0.00	23.65 0.44 -4.72	22.38 0.39 -5.31	24.07 0.38 -7.07	30.75 0.19 -21.71	30.02 0.39 -13.17	33.73 0.61 -6.55	32.89 0.59 -3.52	43.09 0.87 0.00	40.50 0.91 -0.76	29.44 0.67 0.00	28.12 0.63 -0.94	23.91 0.54 0.00	23.16 0.58 0.00	22.17 0.57 -0.62

EMPIRE_CC_2 323658	31.58 0.51 -6.60	29.83 0.46 -7.53	24.51 0.40 -6.23	29.15 -0.05 -31.67	32.56 -0.10 -37.36	31.27 -0.09 -35.52	36.01 -0.01 -36.31	28.19 0.46 -2.59	22.95 0.27 -8.87	20.48 0.40 0.00	23.65 0.44 -4.72	22.38 0.39 -5.31	24.07 0.38 -7.07	30.75 0.19 -21.71	30.02 0.39 -13.17	33.73 0.61 -6.55	32.89 0.59 -3.52	43.09 0.87 0.00	40.50 0.91 -0.76	29.44 0.67 0.00	28.12 0.63 -0.94	23.91 0.54 0.00	23.16 0.58 0.00	22.17 0.57 -0.62
ENORWICH_115KV_TB1 80156	28.34 1.56 -2.31	25.85 1.37 -2.64	21.27 1.20 -2.18	8.46 -0.17 -11.09	8.05 -0.33 -13.09	7.98 -0.30 -12.44	12.41 -0.02 -12.72	27.96 1.90 -0.91	18.01 1.09 -3.11	21.60 1.52 0.00	21.57 1.43 -1.65	19.64 1.10 -1.86	20.07 0.97 -2.48	16.96 0.51 -7.60	21.96 0.88 -4.61	30.68 1.81 -2.29	32.41 2.39 -1.23	45.89 3.67 0.00	42.51 3.41 -0.27	31.12 2.34 0.00	29.27 2.38 -0.33	25.49 2.11 0.00	24.46 1.88 0.00	22.84 1.63 -0.22
ERIE_ST__34_KV_TB1-2 80199	25.25 -0.62 -1.40	23.13 -0.30 -1.59	19.10 -0.10 -1.32	4.25 0.01 -6.70	3.20 0.00 -7.91	3.36 0.00 -7.52	7.39 0.00 -7.69	25.29 -0.41 -0.55	15.65 -0.04 -1.88	20.12 0.04 0.00	19.52 0.04 -1.00	17.75 -0.05 -1.13	17.95 -0.17 -1.50	13.24 -0.20 -4.59	18.77 -0.48 -2.79	27.02 -0.94 -1.38	28.74 -0.79 -0.74	41.64 -0.58 0.00	38.23 -0.76 -0.16	27.76 -1.01 0.00	25.85 -0.91 -0.20	22.73 -0.65 0.00	22.11 -0.47 0.00	20.80 -0.31 -0.13
ERIE_WT_PWR 323693	25.01 -0.86 -1.39	22.93 -0.49 -1.59	18.94 -0.25 -1.31	4.24 0.03 -6.68	3.20 0.03 -7.87	3.35 0.03 -7.49	7.36 0.00 -7.65	25.08 -0.61 -0.55	15.53 -0.16 -1.87	19.92 -0.15 0.00	19.34 -0.14 -0.99	17.58 -0.22 -1.12	17.78 -0.33 -1.49	13.13 -0.29 -4.58	18.60 -0.64 -2.78	26.79 -1.17 -1.38	28.50 -1.03 -0.74	41.26 -0.96 0.00	37.89 -1.10 -0.16	27.50 -1.28 0.00	25.59 -1.17 -0.20	22.53 -0.85 0.00	21.91 -0.67 0.00	20.63 -0.48 -0.13
ESPRGFLD_115KV_TB1 80157	25.34 1.05 0.19	22.55 0.93 0.21	18.48 0.77 0.18	-3.48 -0.11 0.90	-5.98 -0.20 1.06	-5.35 -0.18 1.01	-1.34 -0.01 1.03	26.19 1.12 0.07	14.18 0.62 0.25	20.94 0.87 0.00	19.14 0.79 0.13	17.20 0.67 0.15	17.09 0.67 0.20	8.62 0.39 0.62	16.75 0.66 0.37	27.53 1.13 0.19	30.08 1.40 0.10	44.25 2.03 0.00	40.64 1.84 0.02	30.19 1.41 0.00	27.78 1.25 0.03	24.45 1.07 0.00	23.53 0.96 0.00	21.83 0.87 0.02
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.78 0.49 -1.81	24.37 0.47 -2.06	20.00 0.41 -1.71	6.15 -0.06 -8.68	5.41 -0.12 -10.24	5.46 -0.11 -9.73	9.65 -0.01 -9.95	26.52 0.66 -0.71	16.64 0.40 -2.43	20.61 0.54 0.00	20.29 0.51 -1.29	18.57 0.43 -1.46	18.95 0.39 -1.94	14.96 0.17 -5.95	20.36 0.29 -3.61	28.94 0.57 -1.80	30.49 0.74 -0.96	43.42 1.20 0.00	40.14 1.11 -0.21	29.48 0.70 0.00	27.49 0.68 -0.26	24.02 0.64 0.00	23.17 0.59 0.00	21.68 0.53 -0.17
ETNA_____115KV_TB2 80207	26.78 0.49 -1.81	24.37 0.47 -2.06	20.00 0.41 -1.71	6.15 -0.06 -8.68	5.41 -0.12 -10.24	5.46 -0.11 -9.73	9.65 -0.01 -9.95	26.52 0.66 -0.71	16.64 0.40 -2.43	20.61 0.54 0.00	20.29 0.51 -1.29	18.57 0.43 -1.46	18.95 0.39 -1.94	14.96 0.17 -5.95	20.36 0.29 -3.61	28.94 0.57 -1.80	30.49 0.74 -0.96	43.42 1.20 0.00	40.14 1.11 -0.21	29.48 0.70 0.00	27.49 0.68 -0.26	24.02 0.64 0.00	23.17 0.59 0.00	21.68 0.53 -0.17
EUCLID___115KV_TB2 356179	25.22 -0.31 -1.06	22.81 -0.24 -1.21	18.70 -0.18 -1.00	2.64 0.02 -5.09	1.33 0.04 -6.00	1.57 0.03 -5.70	5.54 0.00 -5.83	25.32 -0.24 -0.42	15.14 -0.10 -1.42	19.95 -0.12 0.00	19.15 -0.09 -0.76	17.43 -0.10 -0.85	17.63 -0.13 -1.14	12.25 -0.09 -3.49	18.39 -0.19 -2.12	27.27 -0.36 -1.05	28.96 -0.39 -0.57	41.66 -0.56 0.00	38.40 -0.55 -0.12	28.28 -0.50 0.00	26.30 -0.41 -0.15	23.08 -0.30 0.00	22.30 -0.27 0.00	20.82 -0.26 -0.10
E_CANADA_CAP_HY 24051	34.31 1.20 -8.63	32.70 1.01 -9.85	26.88 0.85 -8.15	38.84 -0.11 -41.42	43.95 -0.21 -48.87	42.12 -0.18 -46.46	47.18 -0.01 -47.49	29.73 1.20 -3.38	26.05 0.63 -11.61	20.88 0.80 0.00	25.35 0.69 -6.17	24.25 0.63 -6.95	26.55 0.68 -9.24	37.69 0.45 -28.40	34.39 0.71 -17.22	36.43 1.29 -8.56	34.95 1.56 -4.60	44.42 2.20 0.00	41.77 1.95 -1.00	30.30 1.53 0.00	29.11 1.33 -1.22	24.46 1.08 0.00	23.57 0.99 0.00	22.71 0.91 -0.81
E_CANADA_MHWK_HY 24050	24.98 0.33 -0.17	22.35 0.32 -0.20	18.27 0.22 -0.16	-1.67 -0.03 -0.83	-3.78 -0.05 -0.98	-3.28 -0.04 -0.93	0.65 0.00 -0.95	25.57 0.36 -0.07	14.17 0.13 -0.23	20.23 0.15 0.00	18.79 0.18 -0.12	16.98 0.16 -0.14	17.06 0.25 -0.19	9.51 0.10 -0.57	17.01 0.20 -0.34	27.37 0.62 -0.17	29.62 0.75 -0.09	43.43 1.21 0.00	40.00 1.16 -0.02	29.40 0.62 0.00	27.26 0.67 -0.02	23.99 0.61 0.00	23.09 0.51 0.00	21.38 0.38 -0.02
E_FISHKILL___LBMP 23776	31.31 1.07 -5.76	29.41 0.99 -6.58	24.13 0.81 -5.44	25.07 -0.11 -27.65	27.72 -0.20 -32.63	26.67 -0.19 -31.02	31.40 -0.02 -31.71	28.54 1.14 -2.26	22.16 0.60 -7.75	20.97 0.90 0.00	23.46 0.85 -4.12	22.09 0.77 -4.64	23.56 0.76 -6.17	28.18 0.38 -18.96	28.70 0.74 -11.50	33.50 1.20 -5.72	33.19 1.34 -3.07	44.16 1.94 0.00	41.41 1.92 -0.67	30.18 1.40 0.00	28.57 1.19 -0.82	24.49 1.12 0.00	23.63 1.05 0.00	22.45 0.93 -0.54
FALCON___SEABRD_CC1 323796	24.74 0.05 -0.21	21.18 -0.90 -0.24	16.97 -1.11 -0.20	-1.25 0.19 -1.02	-3.09 0.41 -1.21	-2.66 0.36 -1.15	0.90 0.02 -1.17	23.23 -2.00 -0.08	12.73 -1.37 -0.28	17.81 -2.26 0.00	16.07 -2.57 -0.15	14.73 -2.11 -0.17	14.99 -1.86 -0.23	8.81 -0.73 -0.70	15.88 -1.02 -0.42	26.41 -0.38 -0.21	28.44 -0.46 -0.11	41.43 -0.79 0.00	37.79 -1.06 -0.03	28.89 0.11 0.00	26.46 -0.13 -0.03	22.42 -0.95 0.00	21.41 -1.17 0.00	20.30 -0.70 -0.02
FALCON___SEABRD_CC2 323797	24.74 0.05 -0.21	21.18 -0.90 -0.24	16.97 -1.11 -0.20	-1.25 0.19 -1.02	-3.09 0.41 -1.21	-2.66 0.36 -1.15	0.90 0.02 -1.17	23.23 -2.00 -0.08	12.73 -1.37 -0.28	17.81 -2.26 0.00	16.07 -2.57 -0.15	14.73 -2.11 -0.17	14.99 -1.86 -0.23	8.81 -0.73 -0.70	15.88 -1.02 -0.42	26.41 -0.38 -0.21	28.44 -0.46 -0.11	41.43 -0.79 0.00	37.79 -1.06 -0.03	28.89 0.11 0.00	26.46 -0.13 -0.03	22.42 -0.95 0.00	21.41 -1.17 0.00	20.30 -0.70 -0.02
FAR ROCKAWAY___4 23548	32.16 1.99 -5.70	30.04 1.70 -6.50	24.65 1.39 -5.38	24.69 -0.19 -27.35	27.21 -0.35 -32.27	26.20 -0.32 -30.68	31.05 -0.02 -31.36	29.37 1.99 -2.24	22.52 1.04 -7.66	21.61 1.54 0.00	24.00 1.44 -4.07	22.56 1.30 -4.59	24.03 1.29 -6.10	28.27 0.67 -18.75	29.22 1.38 -11.37	34.57 2.34 -5.65	36.22 2.68 -4.76	45.79 3.57 0.00	42.77 3.29 -0.66	31.13 2.35 0.00	29.25 1.88 -0.81	25.17 1.79 0.00	24.27 1.68 0.00	23.02 1.50 -0.54
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.55 1.38 -5.70	29.61 1.27 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.82 1.44 -2.24	22.23 0.75 -7.66	21.20 1.13 0.00	23.64 1.08 -4.07	22.26 0.99 -4.59	23.73 1.00 -6.10	28.08 0.49 -18.75	28.76 0.92 -11.37	33.72 1.49 -5.65	33.49 1.67 -3.04	44.60 2.38 0.00	41.82 2.33 -0.66	30.48 1.71 0.00	28.83 1.46 -0.81	24.78 1.40 0.00	23.87 1.29 0.00	22.68 1.16 -0.54

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.57 1.40 -5.70	29.62 1.28 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.83 1.45 -2.24	22.23 0.75 -7.66	21.21 1.13 0.00	23.65 1.09 -4.07	22.26 1.00 -4.59	23.74 1.01 -6.10	28.08 0.49 -18.75	28.76 0.93 -11.37	33.74 1.50 -5.65	33.51 1.69 -3.04	44.62 2.40 0.00	41.83 2.35 -0.66	30.50 1.72 0.00	28.84 1.48 -0.81	24.78 1.41 0.00	23.88 1.30 0.00	22.69 1.17 -0.54
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.55 1.37 -5.70	29.60 1.26 -6.50	24.28 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.81 1.43 -2.24	22.22 0.74 -7.66	21.19 1.12 0.00	23.63 1.07 -4.07	22.24 0.98 -4.59	23.72 0.99 -6.10	28.07 0.48 -18.75	28.75 0.91 -11.37	33.71 1.48 -5.65	33.48 1.66 -3.04	44.56 2.34 0.00	41.78 2.30 -0.66	30.46 1.69 0.00	28.81 1.44 -0.81	24.76 1.38 0.00	23.85 1.28 0.00	22.67 1.15 -0.54
FARRAGUT___LBMP 323566	31.52 1.35 -5.70	29.59 1.24 -6.50	24.28 1.02 -5.38	24.74 -0.14 -27.35	27.30 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.79 1.41 -2.24	22.21 0.74 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.24 0.97 -4.59	23.70 0.97 -6.10	28.07 0.48 -18.75	28.73 0.90 -11.37	33.68 1.45 -5.65	33.46 1.64 -3.04	44.54 2.32 0.00	41.76 2.27 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.84 1.26 0.00	22.65 1.13 -0.54
FENNER___WINDPWR 24204	25.90 0.29 -1.13	23.38 0.25 -1.29	19.14 0.20 -1.07	2.93 -0.03 -5.42	1.63 -0.06 -6.40	1.87 -0.05 -6.09	5.92 0.00 -6.22	25.99 0.40 -0.44	15.56 0.23 -1.52	20.40 0.33 0.00	19.59 0.30 -0.81	17.85 0.26 -0.91	18.07 0.23 -1.21	12.67 0.10 -3.72	18.98 0.26 -2.26	28.25 0.55 -1.12	30.04 0.65 -0.60	43.14 0.92 0.00	39.73 0.77 -0.13	29.29 0.52 0.00	27.28 0.56 -0.16	23.84 0.46 0.00	22.98 0.40 0.00	21.47 0.38 -0.11
FIBERTEK___ENERGY 23856	25.57 -0.05 -1.14	23.14 0.00 -1.30	18.97 0.01 -1.08	3.00 -0.01 -5.47	1.74 -0.01 -6.46	1.96 -0.01 -6.14	5.98 0.00 -6.28	25.65 0.06 -0.45	15.42 0.07 -1.53	20.19 0.12 0.00	19.43 0.13 -0.81	17.69 0.09 -0.92	17.90 0.05 -1.22	12.61 0.01 -3.75	18.75 0.01 -2.28	27.67 -0.04 -1.13	29.37 -0.03 -0.61	42.21 0.00 0.00	38.94 -0.01 -0.13	28.65 -0.13 0.00	26.65 -0.07 -0.16	23.38 -0.01 0.00	22.58 0.00 0.00	21.08 -0.01 -0.11
FITZPATRICK____ 23598	24.69 -0.62 -0.84	22.27 -0.53 -0.96	18.25 -0.42 -0.79	1.61 0.06 -4.02	0.14 0.10 -4.74	0.44 0.09 -4.51	4.32 0.00 -4.61	24.88 -0.60 -0.33	14.64 -0.30 -1.13	19.65 -0.43 0.00	18.70 -0.39 -0.60	16.99 -0.36 -0.67	17.15 -0.37 -0.90	11.39 -0.21 -2.75	17.72 -0.42 -1.67	26.67 -0.74 -0.83	28.42 -0.81 -0.45	41.04 -1.17 0.00	37.81 -1.11 -0.10	27.90 -0.87 0.00	25.90 -0.78 -0.12	22.74 -0.64 0.00	21.97 -0.61 0.00	20.50 -0.56 -0.08
FLOWRFLD_69_KV_BK1 356044	32.25 2.07 -5.70	30.08 1.73 -6.50	24.73 1.47 -5.38	24.69 -0.20 -27.35	27.20 -0.37 -32.27	26.18 -0.34 -30.68	31.05 -0.02 -31.36	29.52 2.14 -2.24	22.61 1.13 -7.66	21.66 1.60 0.00	23.99 1.43 -4.07	22.53 1.27 -4.59	23.98 1.25 -6.10	28.26 0.66 -18.75	29.28 1.44 -11.37	34.70 2.46 -5.65	36.99 2.85 -5.35	324.27 3.80 -278.25	346.42 3.48 -304.12	474.86 2.69 -443.39	79.67 1.88 -51.23	40.53 1.81 -15.34	24.26 1.68 0.00	23.01 1.49 -0.54
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.51 1.34 -5.69	29.57 1.23 -6.50	24.26 1.01 -5.37	24.72 -0.14 -27.33	27.28 -0.26 -32.24	26.26 -0.23 -30.66	31.02 -0.02 -31.33	28.83 1.44 -2.23	22.23 0.76 -7.66	21.19 1.12 0.00	23.59 1.04 -4.07	22.19 0.93 -4.59	23.64 0.92 -6.10	28.06 0.48 -18.74	28.76 0.93 -11.36	33.75 1.52 -5.65	33.53 1.71 -3.04	44.75 2.54 0.00	41.92 2.43 -0.66	30.54 1.76 0.00	28.89 1.52 -0.81	24.78 1.40 0.00	23.89 1.31 0.00	22.67 1.16 -0.54
FORT ORANGE____ 23900	31.81 0.56 -6.78	30.07 0.50 -7.74	24.72 0.44 -6.40	30.00 -0.06 -32.53	33.56 -0.11 -38.38	32.23 -0.10 -36.49	37.00 -0.01 -37.30	28.44 0.63 -2.66	23.29 0.35 -9.12	20.56 0.49 0.00	23.80 0.47 -4.84	22.58 0.45 -5.46	24.33 0.45 -7.26	31.38 0.23 -22.30	30.44 0.45 -13.52	34.05 0.74 -6.72	33.23 0.83 -3.61	43.52 1.30 0.00	40.84 1.23 -0.78	29.66 0.89 0.00	28.34 0.82 -0.96	24.07 0.69 0.00	23.25 0.67 0.00	22.22 0.60 -0.64
FORT_DRUM_COGEN 23780	24.79 -0.43 -0.74	21.97 -0.71 -0.85	17.86 -0.71 -0.70	1.20 0.10 -3.56	-0.33 0.18 -4.20	0.00 0.17 -4.00	3.80 0.01 -4.09	24.73 -0.71 -0.29	14.40 -0.41 -1.00	19.25 -0.82 0.00	17.99 -1.02 -0.53	16.61 -0.67 -0.60	17.11 -0.31 -0.80	11.26 -0.03 -2.44	17.69 -0.25 -1.48	27.29 -0.03 -0.74	29.44 0.27 -0.40	42.62 0.40 0.00	39.01 0.10 -0.08	29.13 0.35 0.00	27.06 0.40 -0.10	23.32 -0.06 0.00	22.46 -0.12 0.00	21.04 -0.01 -0.07
FOX_HILLS___ESR 323835	31.59 1.42 -5.70	29.65 1.31 -6.50	24.34 1.08 -5.38	24.72 -0.16 -27.35	27.25 -0.32 -32.28	26.24 -0.29 -30.69	31.04 -0.02 -31.36	29.01 1.63 -2.24	22.28 0.81 -7.66	21.24 1.17 0.00	23.70 1.14 -4.07	22.28 1.01 -4.59	23.74 1.01 -6.10	28.09 0.50 -18.75	28.79 0.95 -11.37	33.78 1.54 -5.65	33.55 1.73 -3.04	44.59 2.37 0.00	41.91 2.43 -0.66	30.57 1.80 0.00	28.92 1.55 -0.81	24.88 1.50 0.00	23.97 1.40 0.00	22.79 1.27 -0.54
FPL_FAR_ROCK_GT1 24212	32.16 1.99 -5.70	30.04 1.70 -6.50	24.65 1.39 -5.38	24.69 -0.19 -27.35	27.21 -0.36 -32.27	26.20 -0.32 -30.68	31.05 -0.02 -31.36	29.37 1.99 -2.24	22.52 1.04 -7.66	21.61 1.54 0.00	24.00 1.44 -4.07	22.56 1.30 -4.59	24.03 1.30 -6.10	28.27 0.68 -18.75	29.22 1.38 -11.37	34.57 2.34 -5.65	36.23 2.68 -4.76	45.84 3.62 0.00	42.76 3.28 -0.66	31.09 2.31 0.00	29.25 1.88 -0.81	25.17 1.79 0.00	24.27 1.68 0.00	23.03 1.50 -0.54
FPL_FAR_ROCK_GT2 23815	32.16 1.99 -5.70	30.04 1.70 -6.50	24.65 1.39 -5.38	24.69 -0.19 -27.35	27.21 -0.36 -32.27	26.20 -0.32 -30.68	31.05 -0.02 -31.36	29.37 1.99 -2.24	22.52 1.04 -7.66	21.61 1.54 0.00	24.00 1.44 -4.07	22.56 1.30 -4.59	24.03 1.30 -6.10	28.27 0.68 -18.75	29.22 1.38 -11.37	34.57 2.34 -5.65	36.23 2.68 -4.76	45.84 3.62 0.00	42.76 3.28 -0.66	31.09 2.31 0.00	29.25 1.88 -0.81	25.17 1.79 0.00	24.27 1.68 0.00	23.03 1.50 -0.54
FRANKLIN_FALL_HYD 24054	24.72 0.01 -0.24	21.20 -0.91 -0.27	17.01 -1.10 -0.22	-1.14 0.20 -1.13	-2.96 0.41 -1.34	-2.54 0.36 -1.27	1.03 0.03 -1.30	23.39 -1.85 -0.09	12.88 -1.26 -0.32	17.95 -2.13 0.00	16.27 -2.39 -0.17	14.93 -1.93 -0.19	15.18 -1.70 -0.25	8.95 -0.67 -0.78	16.03 -0.91 -0.47	26.44 -0.38 -0.23	28.40 -0.51 -0.13	41.33 -0.89 0.00	37.72 -1.13 -0.03	28.86 0.08 0.00	26.53 -0.06 -0.03	22.44 -0.93 0.00	21.41 -1.17 0.00	20.27 -0.74 -0.02
FREEPORT_EQUS_GT1 23764	32.01 1.84 -5.70	29.89 1.55 -6.50	24.55 1.29 -5.38	24.71 -0.17 -27.35	27.24 -0.32 -32.27	26.22 -0.30 -30.68	31.04 -0.02 -31.36	29.24 1.85 -2.24	22.45 0.97 -7.66	21.47 1.40 0.00	23.86 1.30 -4.07	22.43 1.17 -4.59	23.89 1.16 -6.10	28.21 0.61 -18.75	29.11 1.27 -11.37	34.38 2.14 -5.65	36.07 2.48 -4.81	45.52 3.30 0.00	42.50 3.01 -0.66	30.98 2.20 0.00	29.05 1.68 -0.81	24.99 1.61 0.00	24.09 1.51 0.00	22.86 1.34 -0.54



FREEPORT___CT2 23818	32.01 1.84 -5.70	29.89 1.55 -6.50	24.55 1.29 -5.38	24.71 -0.17 -27.35	27.24 -0.32 -32.27	26.22 -0.30 -30.68	31.04 -0.02 -31.36	29.24 1.85 -2.24	22.45 0.97 -7.66	21.47 1.40 0.00	23.86 1.30 -4.07	22.43 1.17 -4.59	23.89 1.16 -6.10	28.21 0.61 -18.75	29.11 1.27 -11.37	34.38 2.14 -5.65	36.07 2.48 -4.81	45.52 3.30 0.00	42.50 3.01 -0.66	30.98 2.20 0.00	29.05 1.68 -0.81	24.99 1.61 0.00	24.09 1.51 0.00	22.86 1.34 -0.54
FRESHKLS_33_KV_LOAD 356253	31.60 1.43 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.72 -0.16 -27.35	27.22 -0.35 -32.28	26.21 -0.31 -30.69	31.04 -0.02 -31.36	29.11 1.73 -2.24	22.30 0.82 -7.66	21.25 1.18 0.00	23.69 1.13 -4.07	22.27 1.01 -4.59	23.73 1.00 -6.10	28.09 0.50 -18.75	28.79 0.96 -11.37	33.78 1.55 -5.65	33.57 1.74 -3.04	44.58 2.36 0.00	41.91 2.42 -0.66	30.59 1.81 0.00	28.94 1.58 -0.81	24.90 1.52 0.00	24.01 1.43 0.00	22.83 1.31 -0.54
FULTON COGEN____ 23766	25.11 -0.36 -1.01	22.69 -0.30 -1.15	18.60 -0.23 -0.95	2.38 0.03 -4.82	1.03 0.05 -5.69	1.29 0.04 -5.41	5.24 0.00 -5.53	25.24 -0.29 -0.39	15.03 -0.13 -1.35	19.91 -0.17 0.00	19.08 -0.12 -0.72	17.35 -0.13 -0.81	17.55 -0.15 -1.08	12.06 -0.09 -3.31	18.27 -0.20 -2.01	27.18 -0.39 -1.00	28.91 -0.41 -0.54	41.66 -0.56 0.00	38.39 -0.55 -0.12	28.28 -0.49 0.00	26.28 -0.42 -0.14	23.05 -0.33 0.00	22.26 -0.32 0.00	20.78 -0.29 -0.09
FULTON___LFGE 323630	34.25 1.64 -8.14	32.51 1.39 -9.29	26.73 1.17 -7.68	36.43 -0.15 -39.06	41.07 -0.30 -46.08	39.38 -0.26 -43.81	44.47 -0.02 -44.78	30.00 1.66 -3.19	25.39 0.63 -10.94	20.58 0.51 0.00	25.03 0.73 -5.81	24.04 0.81 -6.55	26.36 1.01 -8.72	36.22 0.60 -26.78	33.78 1.07 -16.24	36.78 2.13 -8.07	35.57 2.45 -4.34	45.71 3.49 0.00	42.95 3.18 -0.94	30.93 2.15 0.00	29.73 2.02 -1.15	25.04 1.66 0.00	24.15 1.57 0.00	23.17 1.42 -0.77
G.F.CEMENT___DRP 24184	33.21 1.72 -7.02	31.37 1.52 -8.01	25.76 1.25 -6.62	31.05 -0.17 -33.68	34.71 -0.32 -39.74	33.33 -0.29 -37.78	38.31 -0.02 -38.62	29.65 1.75 -2.75	24.17 0.92 -9.44	21.44 1.37 0.00	24.72 1.22 -5.02	23.40 1.08 -5.65	25.29 1.15 -7.52	32.56 0.62 -23.09	31.67 1.20 -14.00	35.50 1.96 -6.96	34.65 2.12 -3.74	45.41 3.19 0.00	42.49 2.85 -0.81	30.71 1.93 0.00	29.25 1.70 -1.00	24.81 1.43 0.00	24.15 1.57 0.00	23.12 1.48 -0.66
GARDENVILLE___LBMP 24039	24.94 -0.92 -1.39	22.89 -0.54 -1.59	18.90 -0.30 -1.31	4.25 0.04 -6.68	3.21 0.04 -7.88	3.36 0.03 -7.49	7.37 0.00 -7.66	25.01 -0.68 -0.55	15.49 -0.20 -1.87	19.87 -0.20 0.00	19.28 -0.20 -0.99	17.54 -0.25 -1.12	17.75 -0.37 -1.49	13.11 -0.31 -4.58	18.56 -0.69 -2.78	26.71 -1.25 -1.38	28.41 -1.12 -0.74	41.11 -1.11 0.00	37.74 -1.25 -0.16	27.40 -1.37 0.00	25.51 -1.25 -0.20	22.45 -0.93 0.00	21.84 -0.74 0.00	20.57 -0.54 -0.13
GARDNVLA_35_KV_LD 355827	25.03 -0.83 -1.39	22.96 -0.46 -1.59	18.95 -0.24 -1.31	4.24 0.03 -6.67	3.19 0.02 -7.87	3.34 0.02 -7.49	7.36 0.00 -7.65	25.10 -0.59 -0.55	15.54 -0.14 -1.87	19.94 -0.13 0.00	19.35 -0.13 -0.99	17.61 -0.19 -1.12	17.81 -0.30 -1.49	13.14 -0.27 -4.58	18.62 -0.62 -2.77	26.83 -1.13 -1.38	28.53 -0.99 -0.74	41.32 -0.90 0.00	37.93 -1.06 -0.16	27.53 -1.25 0.00	25.62 -1.13 -0.20	22.55 -0.83 0.00	21.93 -0.65 0.00	20.65 -0.47 -0.13
GELCKHM___115KV_LOAD 80723	25.35 -0.21 -1.09	22.93 -0.16 -1.25	18.80 -0.11 -1.03	2.79 0.01 -5.25	1.50 0.02 -6.19	1.73 0.01 -5.88	5.72 0.00 -6.02	25.44 -0.13 -0.43	15.25 -0.03 -1.47	20.04 -0.03 0.00	19.26 -0.01 -0.78	17.53 -0.03 -0.88	17.73 -0.07 -1.17	12.39 -0.05 -3.60	18.53 -0.12 -2.18	27.42 -0.24 -1.09	29.11 -0.26 -0.58	41.88 -0.34 0.00	38.62 -0.33 -0.13	28.42 -0.35 0.00	26.43 -0.28 -0.15	23.19 -0.19 0.00	22.40 -0.18 0.00	20.92 -0.17 -0.10
GENERAL___MILLS 23808	25.00 -0.87 -1.39	22.93 -0.49 -1.59	18.94 -0.26 -1.31	4.24 0.03 -6.68	3.20 0.03 -7.87	3.35 0.02 -7.49	7.36 0.00 -7.65	25.08 -0.62 -0.55	15.52 -0.16 -1.87	19.91 -0.16 0.00	19.33 -0.15 -0.99	17.58 -0.21 -1.12	17.79 -0.32 -1.49	13.13 -0.29 -4.58	18.60 -0.64 -2.78	26.78 -1.17 -1.38	28.48 -1.05 -0.74	41.23 -0.99 0.00	37.85 -1.13 -0.16	27.48 -1.30 0.00	25.58 -1.17 -0.20	22.50 -0.88 0.00	21.89 -0.68 0.00	20.62 -0.49 -0.13
GE_PLASTICS___DRP 24183	31.72 0.45 -6.79	30.00 0.41 -7.75	24.65 0.36 -6.41	30.07 -0.05 -32.59	33.65 -0.09 -38.45	32.31 -0.08 -36.55	37.06 0.00 -37.36	28.31 0.50 -2.66	23.23 0.28 -9.13	20.49 0.41 0.00	23.74 0.40 -4.85	22.52 0.37 -5.47	24.26 0.36 -7.27	31.37 0.18 -22.34	30.38 0.37 -13.55	33.91 0.59 -6.74	33.05 0.64 -3.62	43.18 0.96 0.00	40.56 0.95 -0.78	29.48 0.71 0.00	28.15 0.63 -0.96	23.93 0.55 0.00	23.12 0.54 0.00	22.10 0.48 -0.64
GILBOA___1 23756	30.68 0.55 -5.66	28.80 0.51 -6.46	23.65 0.44 -5.34	24.61 -0.07 -27.15	27.20 -0.13 -32.03	26.19 -0.10 -30.45	30.83 -0.01 -31.13	27.97 0.61 -2.22	21.74 0.33 -7.61	20.56 0.48 0.00	22.99 0.46 -4.04	21.65 0.41 -4.55	23.09 0.40 -6.06	27.66 0.21 -18.61	28.15 0.40 -11.29	32.83 0.64 -5.61	32.50 0.70 -3.01	43.20 0.98 0.00	40.45 0.97 -0.65	29.51 0.73 0.00	28.01 0.65 -0.80	23.98 0.60 0.00	23.16 0.58 0.00	22.04 0.52 -0.53
GILBOA___2 23757	30.68 0.55 -5.66	28.80 0.51 -6.46	23.65 0.44 -5.34	24.61 -0.07 -27.15	27.20 -0.13 -32.03	26.19 -0.10 -30.45	30.83 -0.01 -31.13	27.97 0.61 -2.22	21.74 0.33 -7.61	20.56 0.48 0.00	22.99 0.46 -4.04	21.65 0.41 -4.55	23.09 0.40 -6.06	27.66 0.21 -18.61	28.15 0.40 -11.29	32.83 0.64 -5.61	32.50 0.70 -3.01	43.20 0.98 0.00	40.45 0.97 -0.65	29.51 0.73 0.00	28.01 0.65 -0.80	23.98 0.60 0.00	23.16 0.58 0.00	22.04 0.52 -0.53
GILBOA___3 23758	30.68 0.55 -5.66	28.80 0.51 -6.46	23.65 0.44 -5.34	24.61 -0.07 -27.15	27.20 -0.13 -32.03	26.19 -0.10 -30.45	30.83 -0.01 -31.13	27.97 0.61 -2.22	21.74 0.33 -7.61	20.56 0.48 0.00	22.99 0.46 -4.04	21.65 0.41 -4.55	23.09 0.40 -6.06	27.66 0.21 -18.61	28.15 0.40 -11.29	32.83 0.64 -5.61	32.50 0.70 -3.01	43.20 0.98 0.00	40.45 0.97 -0.65	29.51 0.73 0.00	28.01 0.65 -0.80	23.98 0.60 0.00	23.16 0.58 0.00	22.04 0.52 -0.53
GILBOA___4 23759	30.68 0.55 -5.66	28.80 0.51 -6.46	23.65 0.44 -5.34	24.61 -0.07 -27.15	27.20 -0.13 -32.03	26.19 -0.10 -30.45	30.83 -0.01 -31.13	27.97 0.61 -2.22	21.74 0.33 -7.61	20.56 0.48 0.00	22.99 0.46 -4.04	21.65 0.41 -4.55	23.09 0.40 -6.06	27.66 0.21 -18.61	28.15 0.40 -11.29	32.83 0.64 -5.61	32.50 0.70 -3.01	43.20 0.98 0.00	40.45 0.97 -0.65	29.51 0.73 0.00	28.01 0.65 -0.80	23.98 0.60 0.00	23.16 0.58 0.00	22.04 0.52 -0.53
GILBOA____ 23599	30.68 0.55 -5.66	28.80 0.51 -6.46	23.65 0.44 -5.34	24.61 -0.07 -27.15	27.20 -0.13 -32.03	26.19 -0.10 -30.45	30.82 -0.01 -31.13	27.97 0.61 -2.22	21.74 0.33 -7.61	20.56 0.48 0.00	22.99 0.46 -4.04	21.65 0.41 -4.55	23.09 0.41 -6.06	27.66 0.21 -18.61	28.15 0.40 -11.29	32.83 0.64 -5.61	32.50 0.70 -3.01	43.20 0.98 0.00	40.45 0.97 -0.65	29.52 0.74 0.00	28.01 0.65 -0.80	23.98 0.60 0.00	23.16 0.58 0.00	22.04 0.52 -0.53

GINNA____ 23603	24.24 -1.46 -1.22	22.06 -1.17 -1.39	18.15 -0.88 -1.15	3.48 0.11 -5.84	2.39 0.20 -6.89	2.57 0.18 -6.55	6.41 0.01 -6.69	24.30 -1.33 -0.48	14.81 -0.64 -1.64	19.21 -0.86 0.00	18.61 -0.75 -0.87	16.93 -0.72 -0.98	17.18 -0.75 -1.31	12.41 -0.44 -4.01	17.97 -0.92 -2.43	26.22 -1.57 -1.21	27.86 -1.57 -0.65	40.13 -2.09 0.00	36.90 -2.07 -0.14	26.94 -1.83 0.00	25.05 -1.68 -0.17	21.94 -1.44 0.00	21.23 -1.36 0.00	19.90 -1.20 -0.11
GLEN PARK____ 23778	24.88 -0.34 -0.75	22.07 -0.62 -0.85	17.94 -0.64 -0.71	1.22 0.09 -3.60	-0.31 0.16 -4.24	0.02 0.15 -4.03	3.84 0.01 -4.12	24.85 -0.59 -0.29	14.46 -0.36 -1.01	19.32 -0.76 0.00	18.07 -0.95 -0.54	16.68 -0.59 -0.60	17.18 -0.25 -0.80	11.30 -0.01 -2.47	17.72 -0.24 -1.50	27.35 0.03 -0.74	29.55 0.37 -0.40	42.80 0.58 0.00	39.19 0.27 -0.09	29.24 0.46 0.00	27.16 0.50 -0.11	23.41 0.03 0.00	22.53 -0.05 0.00	21.10 0.05 -0.07
GLENDAL_27_KV_LOAD 356172	31.64 1.47 -5.70	29.68 1.34 -6.50	24.36 1.10 -5.38	24.73 -0.15 -27.35	27.28 -0.28 -32.27	26.26 -0.25 -30.68	31.04 -0.02 -31.36	28.92 1.53 -2.24	22.29 0.82 -7.66	21.29 1.22 0.00	23.75 1.19 -4.07	22.34 1.07 -4.59	23.80 1.07 -6.10	28.11 0.52 -18.75	28.83 0.99 -11.37	33.83 1.60 -5.65	33.63 1.81 -3.04	44.77 2.55 0.00	42.00 2.51 -0.66	30.62 1.84 0.00	28.96 1.59 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.77 1.25 -0.54
GLENWOOD_IC_1_G5 23712	31.75 1.58 -5.70	29.73 1.39 -6.50	24.40 1.14 -5.38	24.73 -0.16 -27.35	27.28 -0.29 -32.27	26.26 -0.26 -30.68	31.05 -0.02 -31.36	29.00 1.62 -2.24	22.32 0.85 -7.66	21.32 1.25 0.00	23.74 1.18 -4.07	22.33 1.07 -4.59	23.79 1.06 -6.10	28.14 0.54 -18.75	28.93 1.09 -11.37	34.05 1.82 -5.65	35.11 2.07 -4.25	45.04 2.82 0.00	42.14 2.66 -0.66	30.71 1.93 0.00	28.92 1.55 -0.81	24.85 1.47 0.00	23.95 1.37 0.00	22.73 1.22 -0.54
GLENWOOD_IC_2_G1 23688	31.62 1.44 -5.70	29.63 1.28 -6.50	24.31 1.06 -5.38	24.74 -0.14 -27.35	27.30 -0.27 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.88 1.50 -2.24	22.26 0.78 -7.66	21.23 1.15 0.00	23.65 1.09 -4.07	22.26 0.99 -4.59	23.71 0.98 -6.10	28.09 0.50 -18.75	28.83 0.99 -11.37	33.87 1.64 -5.65	34.12 1.86 -3.48	44.78 2.56 0.00	41.91 2.43 -0.66	30.54 1.76 0.00	28.81 1.44 -0.81	24.75 1.37 0.00	23.86 1.28 0.00	22.66 1.14 -0.54
GLENWOOD_IC_3_G1 23689	31.62 1.44 -5.70	29.63 1.28 -6.50	24.31 1.06 -5.38	24.74 -0.14 -27.35	27.30 -0.27 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.88 1.50 -2.24	22.26 0.78 -7.66	21.23 1.15 0.00	23.65 1.09 -4.07	22.26 0.99 -4.59	23.71 0.98 -6.10	28.09 0.50 -18.75	28.83 0.99 -11.37	33.87 1.64 -5.65	34.12 1.86 -3.48	44.78 2.56 0.00	41.91 2.43 -0.66	30.54 1.76 0.00	28.81 1.44 -0.81	24.75 1.37 0.00	23.86 1.28 0.00	22.66 1.14 -0.54
GLENWOOD____4 23550	31.75 1.58 -5.70	29.73 1.39 -6.50	24.40 1.14 -5.38	24.73 -0.16 -27.35	27.28 -0.29 -32.27	26.26 -0.26 -30.68	31.05 -0.02 -31.36	29.00 1.62 -2.24	22.32 0.85 -7.66	21.32 1.25 0.00	23.74 1.18 -4.07	22.33 1.07 -4.59	23.79 1.06 -6.10	28.14 0.54 -18.75	28.93 1.09 -11.37	34.05 1.82 -5.65	35.11 2.07 -4.25	45.04 2.82 0.00	42.14 2.66 -0.66	30.71 1.93 0.00	28.92 1.55 -0.81	24.85 1.47 0.00	23.95 1.37 0.00	22.73 1.22 -0.54
GLENWOOD____5 23614	31.75 1.58 -5.70	29.73 1.39 -6.50	24.40 1.14 -5.38	24.73 -0.16 -27.35	27.28 -0.29 -32.27	26.26 -0.26 -30.68	31.05 -0.02 -31.36	29.00 1.62 -2.24	22.32 0.85 -7.66	21.32 1.25 0.00	23.74 1.18 -4.07	22.33 1.07 -4.59	23.79 1.06 -6.10	28.14 0.54 -18.75	28.93 1.09 -11.37	34.05 1.82 -5.65	35.11 2.07 -4.25	45.04 2.82 0.00	42.14 2.66 -0.66	30.71 1.93 0.00	28.92 1.55 -0.81	24.85 1.47 0.00	23.95 1.37 0.00	22.73 1.22 -0.54
GLOBAL GREEN_PORT_GT1 23814	33.04 2.87 -5.70	30.78 2.43 -6.50	25.32 2.07 -5.38	24.60 -0.28 -27.35	27.04 -0.52 -32.27	26.03 -0.49 -30.68	31.03 -0.03 -31.36	30.42 3.04 -2.24	23.09 1.62 -7.66	22.31 2.24 0.00	24.52 1.96 -4.07	22.99 1.72 -4.59	24.43 1.70 -6.10	28.49 0.89 -18.75	29.76 1.92 -11.37	35.53 3.29 -5.65	38.02 3.89 -5.35	280.27 5.16 -232.89	298.05 4.58 -254.65	403.61 3.72 -371.11	72.40 2.83 -43.01	38.74 2.52 -12.84	24.96 2.38 0.00	23.63 2.11 -0.54
GLOBE____DSASP 323697	24.30 -1.52 -1.34	22.31 -1.06 -1.53	18.47 -0.68 -1.27	4.07 0.08 -6.45	3.02 0.11 -7.61	3.19 0.12 -7.24	7.10 0.00 -7.40	24.26 -1.41 -0.53	15.05 -0.58 -1.81	19.33 -0.74 0.00	18.77 -0.68 -0.96	17.16 -0.60 -1.08	17.38 -0.69 -1.44	12.74 -0.53 -4.42	18.08 -1.07 -2.68	25.92 -1.99 -1.33	27.48 -2.02 -0.71	39.49 -2.73 0.00	36.20 -2.78 -0.15	26.22 -2.56 0.00	24.45 -2.30 -0.19	21.49 -1.89 0.00	20.93 -1.65 0.00	19.84 -1.27 -0.13
GOETHSLN____LBMP 323567	31.42 1.25 -5.70	29.51 1.17 -6.50	24.22 0.96 -5.38	24.75 -0.13 -27.35	27.33 -0.23 -32.27	26.30 -0.21 -30.68	31.05 -0.01 -31.36	28.68 1.30 -2.24	22.16 0.68 -7.66	21.08 1.01 0.00	23.53 0.97 -4.07	22.15 0.88 -4.59	23.62 0.89 -6.10	28.03 0.43 -18.75	28.66 0.82 -11.37	33.55 1.32 -5.65	33.29 1.47 -3.04	44.27 2.05 0.00	41.52 2.04 -0.66	30.26 1.48 0.00	28.65 1.28 -0.81	24.63 1.25 0.00	23.73 1.15 0.00	22.55 1.03 -0.54
GOLAH____69_KV_TB 1_2 80279	25.45 -0.25 -1.23	23.20 -0.04 -1.40	19.14 0.09 -1.16	3.41 -0.03 -5.91	2.19 -0.07 -6.97	2.39 -0.08 -6.63	6.47 -0.01 -6.77	25.68 0.05 -0.48	15.59 0.12 -1.66	20.30 0.23 0.00	19.62 0.25 -0.88	17.81 0.15 -0.99	18.05 0.11 -1.32	12.90 0.01 -4.05	18.80 -0.12 -2.46	27.38 -0.43 -1.22	29.12 -0.33 -0.66	42.10 -0.12 0.00	38.72 -0.25 -0.14	28.23 -0.55 0.00	26.23 -0.50 -0.18	23.00 -0.38 0.00	22.28 -0.30 0.00	20.91 -0.19 -0.12
GOODYEAR_LAKE_HYD 323669	27.43 0.91 -2.05	25.00 0.82 -2.34	20.51 0.70 -1.93	7.27 -0.10 -9.83	6.70 -0.19 -11.60	6.70 -0.17 -11.03	10.97 -0.01 -11.28	26.98 1.03 -0.80	17.14 0.57 -2.76	20.91 0.84 0.00	20.74 0.79 -1.46	19.01 0.68 -1.65	19.47 0.65 -2.19	15.93 0.34 -6.74	21.18 0.62 -4.09	29.63 1.02 -2.03	31.10 1.22 -1.09	44.04 1.82 0.00	40.77 1.70 -0.24	30.02 1.24 0.00	27.97 1.12 -0.29	24.38 1.00 0.00	23.49 0.91 0.00	21.98 0.81 -0.19
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.15 0.25 -2.43	24.90 0.29 -2.78	20.43 0.25 -2.30	9.17 -0.03 -11.67	8.99 -0.07 -13.77	8.86 -0.06 -13.09	13.08 0.00 -13.38	26.46 0.36 -0.96	17.31 0.23 -3.27	20.40 0.32 0.00	20.54 0.31 -1.74	18.89 0.26 -1.96	19.46 0.23 -2.60	16.94 0.10 -8.00	21.48 0.16 -4.85	29.20 0.21 -2.41	30.38 0.30 -1.30	42.78 0.56 0.00	39.60 0.49 -0.28	29.06 0.28 0.00	27.16 0.26 -0.34	23.67 0.30 0.00	22.89 0.30 0.00	21.49 0.28 -0.23
GOUDEY____7 23579	27.18 0.27 -2.43	24.92 0.30 -2.78	20.44 0.26 -2.30	9.17 -0.04 -11.67	8.99 -0.08 -13.77	8.86 -0.07 -13.09	13.08 0.00 -13.38	26.48 0.38 -0.96	17.33 0.24 -3.27	20.41 0.34 0.00	20.55 0.33 -1.74	18.91 0.27 -1.96	19.47 0.24 -2.60	16.95 0.11 -8.00	21.50 0.18 -4.85	29.23 0.23 -2.41	30.41 0.33 -1.30	42.82 0.60 0.00	39.64 0.53 -0.28	29.09 0.31 0.00	27.19 0.28 -0.34	23.70 0.32 0.00	22.90 0.32 0.00	21.50 0.29 -0.23

GOUDEY___8	27.15	24.90	20.43	9.17	8.99	8.86	13.08	26.46	17.31	20.40	20.54	18.89	19.46	16.94	21.48	29.20	30.38	42.78	39.60	29.06	27.16	23.67	22.89	21.49
23580	0.25	0.29	0.25	-0.03	-0.07	-0.06	0.00	0.36	0.23	0.32	0.31	0.26	0.23	0.10	0.16	0.21	0.30	0.56	0.49	0.28	0.26	0.30	0.30	0.28
	-2.43	-2.78	-2.30	-11.67	-13.77	-13.09	-13.38	-0.96	-3.27	0.00	-1.74	-1.96	-2.60	-8.00	-4.85	-2.41	-1.30	0.00	-0.28	0.00	-0.34	0.00	0.00	-0.23
GOWANUS_GT1_1	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.80	33.60	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24077	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.49	1.83	1.58	1.51	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT1_2	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.80	33.60	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24078	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.49	1.83	1.58	1.51	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT1_3	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.80	33.60	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24079	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.49	1.83	1.58	1.51	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT1_4	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.80	33.60	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24080	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.49	1.83	1.58	1.51	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT1_5	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.80	33.60	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24084	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.49	1.83	1.58	1.51	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT1_6	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.80	33.60	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24111	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.49	1.83	1.58	1.51	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT1_7	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.80	33.60	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24112	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.49	1.83	1.58	1.51	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT1_8	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.80	33.60	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24113	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.49	1.83	1.58	1.51	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT2_1	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.81	33.59	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24114	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.48	1.82	1.58	1.52	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT2_2	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.81	33.59	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24115	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.48	1.82	1.58	1.52	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT2_3	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.81	33.59	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24116	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.48	1.82	1.58	1.52	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT2_4	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.81	33.59	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24117	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.48	1.82	1.58	1.52	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT2_5	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.81	33.59	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24118	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.48	1.82	1.58	1.52	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54
GOWANUS_GT2_6	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.81	33.59	44.68	41.97	30.60	28.95	24.90	23.98	22.78
24119	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.48	1.82	1.58	1.52	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54

GOWANUS_GT2_7 24120	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT2_8 24121	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT3_1 24122	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT3_2 24123	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT3_3 24124	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT3_4 24125	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT3_5 24126	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT3_6 24127	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT3_7 24128	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT3_8 24129	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT4_1 24130	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.80 1.57 -5.65	33.60 1.77 -3.04	44.68 2.46 0.00	41.97 2.49 -0.66	30.60 1.83 0.00	28.95 1.58 -0.81	24.90 1.51 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT4_2 24131	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.80 1.57 -5.65	33.60 1.77 -3.04	44.68 2.46 0.00	41.97 2.49 -0.66	30.60 1.83 0.00	28.95 1.58 -0.81	24.90 1.51 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT4_3 24132	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.80 1.57 -5.65	33.60 1.77 -3.04	44.68 2.46 0.00	41.97 2.49 -0.66	30.60 1.83 0.00	28.95 1.58 -0.81	24.90 1.51 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT4_4 24133	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.80 1.57 -5.65	33.60 1.77 -3.04	44.68 2.46 0.00	41.97 2.49 -0.66	30.60 1.83 0.00	28.95 1.58 -0.81	24.90 1.51 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT4_5 24134	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.80 1.57 -5.65	33.60 1.77 -3.04	44.68 2.46 0.00	41.97 2.49 -0.66	30.60 1.83 0.00	28.95 1.58 -0.81	24.90 1.51 0.00	23.98 1.40 0.00	22.78 1.26 -0.54

GOWANUS_GT4_6 24135	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.80 1.57 -5.65	33.60 1.77 -3.04	44.68 2.46 0.00	41.97 2.49 -0.66	30.60 1.83 0.00	28.95 1.58 -0.81	24.90 1.51 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT4_7 24136	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.80 1.57 -5.65	33.60 1.77 -3.04	44.68 2.46 0.00	41.97 2.49 -0.66	30.60 1.83 0.00	28.95 1.58 -0.81	24.90 1.51 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GOWANUS_GT4_8 24137	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.80 1.57 -5.65	33.60 1.77 -3.04	44.68 2.46 0.00	41.97 2.49 -0.66	30.60 1.83 0.00	28.95 1.58 -0.81	24.90 1.51 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GREENBSH_115KV_TB3 55895	31.62 0.34 -6.81	29.91 0.30 -7.78	24.59 0.28 -6.43	30.20 -0.04 -32.70	33.81 -0.07 -38.58	32.46 -0.06 -36.68	37.19 -0.01 -37.49	28.20 0.38 -2.67	23.21 0.24 -9.16	20.42 0.34 0.00	23.70 0.34 -4.87	22.49 0.32 -5.49	24.22 0.30 -7.30	31.41 0.15 -22.42	30.36 0.30 -13.59	33.83 0.49 -6.76	32.94 0.52 -3.63	43.02 0.81 0.00	40.41 0.80 -0.79	29.37 0.59 0.00	28.07 0.54 -0.97	23.83 0.45 0.00	23.04 0.46 0.00	22.03 0.40 -0.64
GREENDGE_115KV_TB5 80291	25.83 -0.20 -1.55	23.57 -0.03 -1.77	19.36 0.02 -1.46	4.97 0.00 -7.44	4.04 -0.02 -8.77	4.14 -0.03 -8.34	8.23 0.00 -8.52	25.86 0.10 -0.61	16.07 0.17 -2.08	20.29 0.22 0.00	19.76 0.17 -1.11	18.01 0.08 -1.25	18.26 -0.02 -1.66	13.84 -0.10 -5.10	19.35 -0.21 -3.09	27.75 -0.37 -1.54	29.47 -0.14 -0.82	42.31 0.10 0.00	39.05 0.04 -0.18	28.73 -0.04 0.00	26.75 -0.03 -0.22	23.47 0.09 0.00	22.69 0.11 0.00	21.26 0.13 -0.15
GREENIDGE___3 23582	25.83 -0.20 -1.55	23.57 -0.03 -1.77	19.36 0.02 -1.46	4.97 0.00 -7.44	4.04 -0.02 -8.77	4.14 -0.03 -8.34	8.23 0.00 -8.52	25.86 0.10 -0.61	16.07 0.17 -2.08	20.29 0.22 0.00	19.76 0.17 -1.11	18.01 0.08 -1.25	18.26 -0.02 -1.66	13.84 -0.10 -5.10	19.35 -0.21 -3.09	27.75 -0.37 -1.54	29.47 -0.14 -0.82	42.31 0.10 0.00	39.05 0.04 -0.18	28.73 -0.04 0.00	26.75 -0.03 -0.22	23.47 0.09 0.00	22.69 0.11 0.00	21.26 0.13 -0.15
GREENIDGE___4 23583	25.83 -0.20 -1.55	23.57 -0.04 -1.77	19.37 0.02 -1.46	4.97 0.00 -7.44	4.04 -0.02 -8.77	4.14 -0.03 -8.34	8.23 0.00 -8.52	25.86 0.10 -0.61	16.06 0.17 -2.08	20.29 0.22 0.00	19.76 0.17 -1.11	18.01 0.08 -1.25	18.25 -0.03 -1.66	13.84 -0.10 -5.10	19.35 -0.21 -3.09	27.75 -0.37 -1.54	29.47 -0.14 -0.82	42.31 0.10 0.00	39.05 0.04 -0.18	28.74 -0.04 0.00	26.75 -0.03 -0.22	23.47 0.09 0.00	22.69 0.11 0.00	21.26 0.13 -0.15
GREENLWN_69_KV_BK 3 55738	31.93 1.76 -5.70	29.80 1.46 -6.50	24.48 1.22 -5.38	24.72 -0.17 -27.35	27.26 -0.31 -32.27	26.24 -0.28 -30.68	31.05 -0.02 -31.36	29.15 1.77 -2.24	22.40 0.92 -7.66	21.41 1.33 0.00	23.79 1.23 -4.07	22.36 1.10 -4.59	23.81 1.08 -6.10	28.17 0.57 -18.75	29.07 1.23 -11.37	34.33 2.10 -5.65	36.45 2.45 -5.22	14.96 3.23 30.49	9.17 2.94 32.59	-17.60 2.20 48.58	23.32 1.48 4.72	23.14 1.44 1.68	23.90 1.32 0.00	22.70 1.17 -0.54
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.80 1.57 -5.65	33.60 1.77 -3.04	44.68 2.46 0.00	41.97 2.49 -0.66	30.60 1.83 0.00	28.95 1.58 -0.81	24.90 1.51 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
GRISSOM___SOLAR 323813	34.25 1.64 -8.14	32.51 1.39 -9.29	26.73 1.17 -7.68	36.43 -0.15 -39.06	41.07 -0.30 -46.08	39.38 -0.26 -43.81	44.47 -0.02 -44.78	30.00 1.66 -3.19	25.39 0.63 -10.94	20.58 0.51 0.00	25.03 0.73 -5.81	24.04 0.81 -6.55	26.36 1.01 -8.72	36.22 0.60 -26.78	33.78 1.07 -16.24	36.78 2.13 -8.07	35.57 2.45 -4.34	45.71 3.49 0.00	42.95 3.18 -0.94	30.93 2.15 0.00	29.73 2.02 -1.15	25.04 1.66 0.00	24.15 1.57 0.00	23.17 1.42 -0.77
GROVEVILLE___HYD 323602	31.51 1.34 -5.69	29.57 1.23 -6.50	24.26 1.01 -5.37	24.72 -0.14 -27.33	27.28 -0.26 -32.24	26.26 -0.23 -30.66	31.02 -0.02 -31.33	28.83 1.44 -2.23	22.23 0.76 -7.66	21.19 1.12 0.00	23.59 1.04 -4.07	22.19 0.93 -4.59	23.64 0.92 -6.10	28.06 0.48 -18.74	28.76 0.93 -11.36	33.75 1.52 -5.65	33.53 1.71 -3.04	44.75 2.54 0.00	41.92 2.43 -0.66	30.54 1.76 0.00	28.89 1.52 -0.81	24.78 1.40 0.00	23.89 1.31 0.00	22.67 1.16 -0.54
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.57 -0.05 -1.14	23.14 0.00 -1.30	18.97 0.01 -1.08	3.00 -0.01 -5.47	1.74 -0.01 -6.46	1.96 -0.01 -6.14	5.98 0.00 -6.28	25.65 0.06 -0.45	15.42 0.07 -1.53	20.19 0.12 0.00	19.43 0.13 -0.81	17.69 0.09 -0.92	17.90 0.05 -1.22	12.61 0.01 -3.75	18.75 0.01 -2.28	27.67 -0.04 -1.13	29.37 -0.03 -0.61	42.21 0.00 0.00	38.94 -0.01 -0.13	28.65 -0.13 0.00	26.65 -0.07 -0.16	23.38 -0.01 0.00	22.58 0.00 0.00	21.08 -0.01 -0.11
HAMLTNNY_34_KV_TB 80303	25.63 -0.02 -1.18	23.20 0.02 -1.34	19.03 0.04 -1.11	3.16 -0.01 -5.64	1.92 -0.02 -6.65	2.14 -0.02 -6.33	6.17 0.00 -6.47	25.71 0.10 -0.46	15.49 0.10 -1.58	20.24 0.17 0.00	19.50 0.17 -0.84	17.75 0.12 -0.95	17.94 0.05 -1.26	12.73 0.02 -3.86	18.84 0.03 -2.34	27.73 -0.02 -1.17	29.41 0.00 -0.63	42.30 0.08 0.00	39.05 0.08 -0.13	28.75 -0.03 0.00	26.70 -0.03 -0.17	23.42 0.04 0.00	22.62 0.04 0.00	21.12 0.03 -0.11
HAMPSHIRE___PAPER_HYD 323593	24.37 -0.49 -0.38	21.28 -1.00 -0.44	17.18 -1.07 -0.36	-0.47 0.17 -1.84	-2.21 0.34 -2.17	-1.81 0.30 -2.06	1.83 0.02 -2.11	23.82 -1.48 -0.15	13.40 -0.92 -0.51	18.49 -1.58 0.00	16.98 -1.78 -0.27	15.57 -1.41 -0.31	15.87 -1.16 -0.41	9.67 -0.43 -1.26	16.53 -0.71 -0.76	26.43 -0.53 -0.38	28.49 -0.50 -0.20	41.29 -0.93 0.00	37.67 -1.21 -0.04	28.59 -0.19 0.00	26.53 -0.08 -0.05	22.60 -0.78 0.00	21.66 -0.92 0.00	20.36 -0.66 -0.04
HARDSCRABBLE_WT_PWR 323673	24.86 0.21 -0.17	22.24 0.21 -0.20	18.18 0.14 -0.16	-1.65 -0.01 -0.83	-3.74 -0.01 -0.98	-3.25 -0.01 -0.93	0.66 0.00 -0.95	25.38 0.17 -0.07	14.09 0.04 -0.23	20.18 0.10 0.00	18.72 0.11 -0.12	16.88 0.07 -0.14	16.94 0.13 -0.19	9.47 0.06 -0.57	16.91 0.10 -0.34	27.22 0.47 -0.17	29.46 0.58 -0.09	43.12 0.90 0.00	39.69 0.84 -0.02	29.23 0.45 0.00	27.10 0.51 -0.02	23.86 0.48 0.00	22.96 0.38 0.00	21.27 0.27 -0.02

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.92 1.15 -5.29	28.96 1.09 -6.03	23.75 0.88 -4.99	22.78 -0.12 -25.37	25.00 -0.23 -29.94	24.09 -0.21 -28.46	28.78 -0.02 -29.09	28.48 1.27 -2.07	21.57 0.65 -7.11	21.02 0.95 0.00	23.16 0.89 -3.78	21.72 0.79 -4.26	23.08 0.79 -5.66	26.65 0.41 -17.39	27.81 0.79 -10.55	33.10 1.28 -5.25	33.02 1.42 -2.82	44.29 2.07 0.00	41.46 2.02 -0.61	30.18 1.40 0.00	28.53 1.23 -0.75	24.54 1.16 0.00	23.69 1.11 0.00	22.44 0.96 -0.50
HARSNRAD_115KV_TB1 81005	24.62 -1.19 -1.34	22.61 -0.76 -1.53	18.70 -0.45 -1.27	4.02 0.06 -6.43	2.95 0.07 -7.59	3.13 0.07 -7.21	7.08 0.00 -7.37	24.69 -0.99 -0.52	15.24 -0.38 -1.80	19.64 -0.44 0.00	19.04 -0.40 -0.96	17.37 -0.39 -1.08	17.58 -0.48 -1.44	12.88 -0.38 -4.41	18.27 -0.87 -2.67	26.33 -1.58 -1.33	28.00 -1.50 -0.71	40.50 -1.72 0.00	37.17 -1.81 -0.15	26.93 -1.85 0.00	25.11 -1.64 -0.19	22.06 -1.32 0.00	21.47 -1.11 0.00	20.25 -0.86 -0.13
HARZA MOOSE__RIVER 24016	24.77 -0.12 -0.42	22.03 -0.29 -0.48	17.95 -0.33 -0.40	-0.40 0.05 -2.02	-2.23 0.10 -2.38	-1.81 0.09 -2.27	2.02 0.00 -2.31	25.00 -0.32 -0.16	14.18 -0.20 -0.57	19.66 -0.41 0.00	18.27 -0.52 -0.30	16.62 -0.39 -0.34	16.85 -0.22 -0.45	10.23 0.00 -1.39	17.34 0.03 -0.84	27.25 0.26 -0.42	29.42 0.42 -0.22	42.74 0.52 0.00	39.09 0.21 -0.05	29.11 0.33 0.00	27.08 0.46 -0.06	23.46 0.08 0.00	22.59 0.01 0.00	21.12 0.09 -0.04
HDSNBRDG_115KV_BRDG_TB1 355580	25.36 -0.20 -1.09	22.94 -0.14 -1.24	18.82 -0.09 -1.03	2.77 0.01 -5.23	1.47 0.01 -6.17	1.71 0.01 -5.86	5.70 0.00 -5.99	25.46 -0.12 -0.43	15.25 -0.03 -1.46	20.06 -0.02 0.00	19.27 0.01 -0.78	17.54 -0.01 -0.88	17.75 -0.04 -1.17	12.38 -0.04 -3.58	18.53 -0.10 -2.17	27.43 -0.23 -1.08	29.11 -0.26 -0.58	41.84 -0.38 0.00	38.57 -0.38 -0.12	28.39 -0.38 0.00	26.42 -0.30 -0.15	23.20 -0.18 0.00	22.42 -0.16 0.00	20.93 -0.16 -0.10
HELLGATE_13_KV_LD 55870	31.55 1.37 -5.70	29.61 1.27 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.27 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.45 -2.24	22.24 0.76 -7.66	21.21 1.14 0.00	23.68 1.12 -4.07	22.27 1.01 -4.59	23.74 1.01 -6.10	28.07 0.48 -18.75	28.75 0.92 -11.37	33.72 1.48 -5.65	33.50 1.67 -3.04	44.57 2.35 0.00	41.82 2.34 -0.66	30.48 1.70 0.00	28.83 1.46 -0.81	24.79 1.41 0.00	23.89 1.31 0.00	22.69 1.17 -0.54
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.55 1.37 -5.70	29.61 1.27 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.27 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.45 -2.24	22.24 0.76 -7.66	21.21 1.14 0.00	23.68 1.12 -4.07	22.27 1.01 -4.59	23.74 1.01 -6.10	28.07 0.48 -18.75	28.75 0.92 -11.37	33.72 1.48 -5.65	33.50 1.67 -3.04	44.57 2.35 0.00	41.82 2.34 -0.66	30.48 1.70 0.00	28.83 1.46 -0.81	24.79 1.41 0.00	23.89 1.31 0.00	22.69 1.17 -0.54
HEMPSTEAD____ 23647	31.79 1.61 -5.70	29.73 1.38 -6.50	24.40 1.14 -5.38	24.73 -0.15 -27.35	27.28 -0.29 -32.27	26.25 -0.26 -30.68	31.05 -0.02 -31.36	29.03 1.65 -2.24	22.33 0.86 -7.66	21.32 1.25 0.00	23.72 1.16 -4.07	22.31 1.05 -4.59	23.77 1.04 -6.10	28.13 0.54 -18.75	28.96 1.12 -11.37	34.13 1.90 -5.65	35.54 2.17 -4.59	45.11 2.89 0.00	42.15 2.66 -0.66	30.70 1.93 0.00	28.84 1.47 -0.81	24.79 1.41 0.00	23.91 1.33 0.00	22.69 1.17 -0.54
HEWLETT__69_KV_BK3 55828	32.07 1.89 -5.70	29.95 1.61 -6.50	24.58 1.32 -5.38	24.70 -0.18 -27.35	27.23 -0.34 -32.27	26.22 -0.30 -30.68	31.05 -0.02 -31.36	29.27 1.89 -2.24	22.46 0.98 -7.66	21.52 1.45 0.00	23.92 1.36 -4.07	22.49 1.23 -4.59	23.96 1.23 -6.10	28.23 0.64 -18.75	29.15 1.31 -11.37	34.45 2.22 -5.65	36.09 2.55 -4.76	45.57 3.35 0.00	42.57 3.09 -0.66	30.99 2.21 0.00	29.12 1.75 -0.81	25.06 1.69 0.00	24.16 1.58 0.00	22.93 1.40 -0.54
HICKLING____1 23621	25.87 -0.40 -1.79	23.75 -0.13 -2.05	19.48 -0.09 -1.69	6.17 0.03 -8.61	5.48 0.03 -10.16	5.49 0.00 -9.66	9.59 0.01 -9.87	25.73 -0.12 -0.70	16.32 0.10 -2.41	20.11 0.04 0.00	19.79 0.02 -1.28	18.06 -0.06 -1.44	18.39 -0.16 -1.92	14.53 -0.21 -5.90	19.60 -0.44 -3.58	27.46 -0.90 -1.78	29.06 -0.68 -0.95	41.83 -0.39 0.00	38.50 -0.53 -0.21	28.38 -0.40 0.00	26.31 -0.50 -0.25	23.17 -0.21 0.00	22.48 -0.10 0.00	21.15 0.00 -0.17
HICKLING____2 23622	25.87 -0.40 -1.79	23.75 -0.13 -2.05	19.48 -0.09 -1.69	6.17 0.03 -8.61	5.48 0.03 -10.16	5.49 0.00 -9.66	9.59 0.01 -9.87	25.73 -0.12 -0.70	16.32 0.10 -2.41	20.11 0.04 0.00	19.79 0.02 -1.28	18.06 -0.06 -1.44	18.39 -0.16 -1.92	14.53 -0.21 -5.90	19.60 -0.44 -3.58	27.46 -0.90 -1.78	29.06 -0.68 -0.95	41.83 -0.39 0.00	38.50 -0.53 -0.21	28.38 -0.40 0.00	26.31 -0.50 -0.25	23.17 -0.21 0.00	22.48 -0.10 0.00	21.15 0.00 -0.17
HIGH FALLS____HY 23754	31.41 1.25 -5.69	29.49 1.16 -6.49	24.18 0.93 -5.37	24.70 -0.13 -27.30	27.25 -0.24 -32.20	26.23 -0.22 -30.62	30.99 -0.02 -31.29	28.76 1.39 -2.23	22.16 0.70 -7.65	21.05 0.97 0.00	23.40 0.84 -4.06	21.95 0.70 -4.58	23.38 0.66 -6.09	27.99 0.43 -18.71	28.57 0.75 -11.35	33.54 1.31 -5.64	33.35 1.53 -3.03	44.53 2.31 0.00	41.75 2.27 -0.66	30.33 1.55 0.00	28.76 1.39 -0.81	24.67 1.30 0.00	23.79 1.21 0.00	22.56 1.04 -0.54
HILLBURN____GT 23639	30.97 1.15 -5.35	29.03 1.09 -6.11	23.81 0.88 -5.05	23.08 -0.12 -25.67	25.35 -0.23 -30.29	24.43 -0.21 -28.80	29.12 -0.02 -29.43	28.50 1.26 -2.10	21.65 0.64 -7.19	21.02 0.95 0.00	23.20 0.89 -3.82	21.77 0.79 -4.31	23.14 0.79 -5.73	26.85 0.41 -17.60	27.91 0.77 -10.67	33.12 1.23 -5.31	32.99 1.35 -2.85	44.16 1.94 0.00	41.36 1.92 -0.62	30.05 1.27 0.00	28.47 1.15 -0.76	24.49 1.11 0.00	23.65 1.07 0.00	22.42 0.93 -0.50
HILLSIDE_115KV_TB1 80332	25.75 -0.57 -1.85	23.67 -0.27 -2.11	19.39 -0.23 -1.74	6.45 0.06 -8.86	5.82 0.07 -10.46	5.82 0.04 -9.94	9.88 0.01 -10.16	25.50 -0.37 -0.72	16.26 -0.04 -2.48	19.93 -0.14 0.00	19.69 -0.12 -1.32	17.99 -0.17 -1.48	18.34 -0.27 -1.98	14.67 -0.25 -6.08	19.61 -0.54 -3.68	27.31 -1.11 -1.83	28.74 -1.03 -0.98	41.23 -0.99 0.00	37.90 -1.14 -0.21	27.90 -0.88 0.00	25.92 -0.90 -0.26	22.84 -0.54 0.00	22.20 -0.38 0.00	20.90 -0.25 -0.17
HISHELDN_WT_PWR 323625	24.76 -1.17 -1.45	22.72 -0.78 -1.66	18.74 -0.51 -1.37	4.57 0.07 -6.97	3.62 0.10 -8.23	3.73 0.08 -7.82	7.71 0.01 -8.00	24.90 -0.82 -0.57	15.48 -0.29 -1.95	19.69 -0.38 0.00	19.13 -0.39 -1.04	17.37 -0.48 -1.17	17.50 -0.68 -1.56	13.13 -0.49 -4.78	18.41 -0.96 -2.90	26.48 -1.54 -1.44	28.27 -1.28 -0.77	40.95 -1.27 0.00	37.68 -1.31 -0.17	27.45 -1.32 0.00	25.52 -1.25 -0.21	22.48 -0.90 0.00	21.84 -0.74 0.00	20.56 -0.56 -0.14
HOLTSVILLE_IC_1 23690	32.19 2.02 -5.70	30.04 1.70 -6.50	24.71 1.45 -5.38	24.69 -0.20 -27.35	27.21 -0.36 -32.27	26.19 -0.34 -30.68	31.04 -0.03 -31.36	29.48 2.10 -2.24	22.59 1.11 -7.66	21.62 1.55 0.00	23.94 1.38 -4.07	22.49 1.23 -4.59	23.94 1.21 -6.10	28.23 0.63 -18.75	29.22 1.38 -11.37	34.60 2.36 -5.65	36.89 2.75 -5.35	279.84 3.64 -233.98	297.98 3.32 -255.83	404.10 2.49 -372.84	71.57 1.81 -43.21	38.00 1.72 -12.90	24.22 1.64 0.00	22.98 1.45 -0.54

HOLTSVILLE_IC_10 23699	32.32 2.15 -5.70	30.15 1.80 -6.50	24.80 1.54 -5.38	24.68 -0.21 -27.35	27.18 -0.38 -32.27	26.16 -0.36 -30.68	31.04 -0.03 -31.36	29.61 2.23 -2.24	22.66 1.18 -7.66	21.72 1.64 0.00	24.02 1.46 -4.07	22.56 1.30 -4.59	24.01 1.28 -6.10	28.27 0.67 -18.75	29.30 1.46 -11.37	34.74 2.51 -5.65	37.05 2.93 -5.33	270.78 3.92 -224.65	288.06 3.58 -245.65	389.46 2.71 -357.97	70.05 1.98 -41.52	37.62 1.86 -12.39	24.34 1.76 0.00	23.08 1.56 -0.54
HOLTSVILLE_IC_2 23691	32.19 2.02 -5.70	30.04 1.70 -6.50	24.71 1.45 -5.38	24.69 -0.20 -27.35	27.21 -0.36 -32.27	26.19 -0.34 -30.68	31.04 -0.03 -31.36	29.48 2.10 -2.24	22.59 1.11 -7.66	21.62 1.55 0.00	23.94 1.38 -4.07	22.49 1.23 -4.59	23.94 1.21 -6.10	28.23 0.63 -18.75	29.22 1.38 -11.37	34.60 2.36 -5.65	36.89 2.75 -5.35	279.84 3.64 -233.98	297.98 3.32 -255.83	404.10 2.49 -372.84	71.57 1.81 -43.21	38.00 1.72 -12.90	24.22 1.64 0.00	22.98 1.45 -0.54
HOLTSVILLE_IC_3 23692	32.19 2.02 -5.70	30.04 1.70 -6.50	24.71 1.45 -5.38	24.69 -0.20 -27.35	27.21 -0.36 -32.27	26.19 -0.34 -30.68	31.04 -0.03 -31.36	29.48 2.10 -2.24	22.59 1.11 -7.66	21.62 1.55 0.00	23.94 1.38 -4.07	22.49 1.23 -4.59	23.94 1.21 -6.10	28.23 0.63 -18.75	29.22 1.38 -11.37	34.60 2.36 -5.65	36.89 2.75 -5.35	279.84 3.64 -233.98	297.98 3.32 -255.83	404.10 2.49 -372.84	71.57 1.81 -43.21	38.00 1.72 -12.90	24.22 1.64 0.00	22.98 1.45 -0.54
HOLTSVILLE_IC_4 23693	32.19 2.02 -5.70	30.04 1.70 -6.50	24.71 1.45 -5.38	24.69 -0.20 -27.35	27.21 -0.36 -32.27	26.19 -0.34 -30.68	31.04 -0.03 -31.36	29.48 2.10 -2.24	22.59 1.11 -7.66	21.62 1.55 0.00	23.94 1.38 -4.07	22.49 1.23 -4.59	23.94 1.21 -6.10	28.23 0.63 -18.75	29.22 1.38 -11.37	34.60 2.36 -5.65	36.89 2.75 -5.35	279.84 3.64 -233.98	297.98 3.32 -255.83	404.10 2.49 -372.84	71.57 1.81 -43.21	38.00 1.72 -12.90	24.22 1.64 0.00	22.98 1.45 -0.54
HOLTSVILLE_IC_5 23694	32.19 2.02 -5.70	30.04 1.70 -6.50	24.71 1.45 -5.38	24.69 -0.20 -27.35	27.21 -0.36 -32.27	26.19 -0.34 -30.68	31.04 -0.03 -31.36	29.48 2.10 -2.24	22.59 1.11 -7.66	21.62 1.55 0.00	23.94 1.38 -4.07	22.49 1.23 -4.59	23.94 1.21 -6.10	28.23 0.63 -18.75	29.22 1.38 -11.37	34.60 2.36 -5.65	36.89 2.75 -5.35	279.84 3.64 -233.98	297.98 3.32 -255.83	404.10 2.49 -372.84	71.57 1.81 -43.21	38.00 1.72 -12.90	24.22 1.64 0.00	22.98 1.45 -0.54
HOLTSVILLE_IC_6 23695	32.32 2.15 -5.70	30.15 1.80 -6.50	24.80 1.54 -5.38	24.68 -0.21 -27.35	27.18 -0.38 -32.27	26.16 -0.36 -30.68	31.04 -0.03 -31.36	29.61 2.23 -2.24	22.66 1.18 -7.66	21.72 1.64 0.00	24.02 1.46 -4.07	22.56 1.30 -4.59	24.01 1.28 -6.10	28.27 0.67 -18.75	29.30 1.46 -11.37	34.74 2.51 -5.65	37.05 2.93 -5.33	270.78 3.92 -224.65	288.06 3.58 -245.65	389.46 2.71 -357.97	70.05 1.98 -41.52	37.62 1.86 -12.39	24.34 1.76 0.00	23.08 1.56 -0.54
HOLTSVILLE_IC_7 23696	32.32 2.15 -5.70	30.15 1.80 -6.50	24.80 1.54 -5.38	24.68 -0.21 -27.35	27.18 -0.38 -32.27	26.16 -0.36 -30.68	31.04 -0.03 -31.36	29.61 2.23 -2.24	22.66 1.18 -7.66	21.72 1.64 0.00	24.02 1.46 -4.07	22.56 1.30 -4.59	24.01 1.28 -6.10	28.27 0.67 -18.75	29.30 1.46 -11.37	34.74 2.51 -5.65	37.05 2.93 -5.33	270.78 3.92 -224.65	288.06 3.58 -245.65	389.46 2.71 -357.97	70.05 1.98 -41.52	37.62 1.86 -12.39	24.34 1.76 0.00	23.08 1.56 -0.54
HOLTSVILLE_IC_8 23697	32.32 2.15 -5.70	30.15 1.80 -6.50	24.80 1.54 -5.38	24.68 -0.21 -27.35	27.18 -0.38 -32.27	26.16 -0.36 -30.68	31.04 -0.03 -31.36	29.61 2.23 -2.24	22.66 1.18 -7.66	21.72 1.64 0.00	24.02 1.46 -4.07	22.56 1.30 -4.59	24.01 1.28 -6.10	28.27 0.67 -18.75	29.30 1.46 -11.37	34.74 2.51 -5.65	37.05 2.93 -5.33	270.78 3.92 -224.65	288.06 3.58 -245.65	389.46 2.71 -357.97	70.05 1.98 -41.52	37.62 1.86 -12.39	24.34 1.76 0.00	23.08 1.56 -0.54
HOLTSVILLE_IC_9 23698	32.32 2.15 -5.70	30.15 1.80 -6.50	24.80 1.54 -5.38	24.68 -0.21 -27.35	27.18 -0.38 -32.27	26.16 -0.36 -30.68	31.04 -0.03 -31.36	29.61 2.23 -2.24	22.66 1.18 -7.66	21.72 1.64 0.00	24.02 1.46 -4.07	22.56 1.30 -4.59	24.01 1.28 -6.10	28.27 0.67 -18.75	29.30 1.46 -11.37	34.74 2.51 -5.65	37.05 2.93 -5.33	270.78 3.92 -224.65	288.06 3.58 -245.65	389.46 2.71 -357.97	70.05 1.98 -41.52	37.62 1.86 -12.39	24.34 1.76 0.00	23.08 1.56 -0.54
HOMER_HL_115KV_TB2 355744	25.92 0.00 -1.45	23.70 0.21 -1.65	19.55 0.30 -1.37	4.44 -0.03 -6.95	3.41 -0.07 -8.20	3.56 -0.07 -7.79	7.67 0.00 -7.96	25.90 0.18 -0.57	16.05 0.29 -1.95	20.61 0.53 0.00	20.02 0.50 -1.03	18.11 0.27 -1.17	18.36 0.18 -1.55	13.58 -0.03 -4.76	19.23 -0.12 -2.89	27.61 -0.40 -1.44	29.24 -0.32 -0.77	42.32 0.10 0.00	38.82 -0.17 -0.17	28.37 -0.40 0.00	26.36 -0.40 -0.20	23.24 -0.14 0.00	22.62 0.04 0.00	21.34 0.22 -0.14
HOWARD_WT_PWR 323690	24.61 -1.48 -1.61	22.68 -1.00 -1.84	18.69 -0.72 -1.52	5.40 0.12 -7.75	4.61 0.18 -9.14	4.65 0.12 -8.69	8.60 0.02 -8.88	24.78 -1.01 -0.63	15.62 -0.36 -2.17	19.50 -0.57 0.00	18.98 -0.66 -1.15	17.16 -0.82 -1.30	17.27 -1.09 -1.73	13.40 -0.75 -5.31	18.15 -1.54 -3.22	26.00 -2.19 -1.60	28.22 -1.42 -0.86	41.18 -1.04 0.00	38.18 -0.84 -0.19	28.21 -0.57 0.00	26.16 -0.63 -0.23	23.16 -0.21 0.00	22.41 -0.17 0.00	20.99 -0.15 -0.15
HQ_GEN_CEDARS 23644	24.58 -0.12 -0.23	21.16 -0.95 -0.27	16.96 -1.14 -0.22	-1.15 0.20 -1.12	-2.99 0.40 -1.32	-2.56 0.35 -1.26	1.01 0.02 -1.29	23.41 -1.83 -0.09	12.95 -1.18 -0.31	18.12 -1.96 0.00	16.43 -2.22 -0.17	15.09 -1.78 -0.19	15.28 -1.60 -0.25	8.92 -0.69 -0.77	15.90 -1.03 -0.46	26.03 -0.78 -0.23	27.93 -0.98 -0.12	40.49 -1.73 0.00	36.93 -1.92 -0.03	28.38 -0.39 0.00	26.34 -0.25 -0.03	22.25 -1.13 0.00	21.24 -1.34 0.00	20.02 -0.98 -0.02
HQ_GEN_CEDARS_PROXY 323590	24.58 -0.13 -0.23	21.16 -0.95 -0.27	16.96 -1.14 -0.22	-1.15 0.20 -1.12	-2.99 0.40 -1.32	-2.56 0.35 -1.26	1.01 0.02 -1.29	23.41 -1.82 -0.09	12.95 -1.18 -0.31	18.11 -1.96 0.00	16.43 -2.23 -0.17	15.09 -1.78 -0.19	15.28 -1.60 -0.25	8.92 -0.69 -0.77	15.90 -1.03 -0.46	26.03 -0.78 -0.23	27.93 -0.98 -0.12	40.49 -1.73 0.00	36.93 -1.93 -0.03	28.38 -0.40 0.00	26.34 -0.25 -0.03	22.25 -1.13 0.00	21.24 -1.34 0.00	20.02 -0.98 -0.02
HQ_GEN_IMPORT 323601	24.48 0.00 0.00	21.84 0.00 0.00	17.88 0.00 0.00	-2.47 0.00 0.00	-4.71 0.00 0.00	-4.17 0.00 0.00	-0.29 0.00 0.00	25.15 0.00 0.00	13.81 0.00 0.00	20.07 0.00 0.00	18.49 0.00 0.00	16.68 0.00 0.00	16.63 0.00 0.00	8.84 0.00 0.00	16.47 0.00 0.00	26.58 0.00 0.00	28.78 0.00 0.00	42.22 0.00 0.00	38.83 0.00 0.00	28.77 0.00 0.00	26.56 0.00 0.00	23.38 0.00 0.00	22.58 0.00 0.00	20.98 0.00 0.00
HQ_GEN_WHEEL 23651	24.48 0.00 0.00	21.84 0.00 0.00	17.88 0.00 0.00	-2.47 0.00 0.00	-4.71 0.00 0.00	-4.17 0.00 0.00	-0.29 0.00 0.00	25.15 0.00 0.00	13.81 0.00 0.00	20.07 0.00 0.00	18.49 0.00 0.00	16.68 0.00 0.00	16.63 0.00 0.00	8.84 0.00 0.00	16.47 0.00 0.00	26.58 0.00 0.00	28.78 0.00 0.00	42.22 0.00 0.00	38.83 0.00 0.00	28.77 0.00 0.00	26.56 0.00 0.00	23.38 0.00 0.00	22.58 0.00 0.00	20.98 0.00 0.00

HUDSON AVE_GT_3 23810	31.57 1.40 -5.70	29.63 1.29 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.84 1.46 -2.24	22.24 0.76 -7.66	21.21 1.14 0.00	23.65 1.10 -4.07	22.27 1.01 -4.59	23.74 1.01 -6.10	28.09 0.49 -18.75	28.77 0.93 -11.37	33.74 1.51 -5.65	33.52 1.69 -3.04	44.63 2.41 0.00	41.84 2.36 -0.66	30.50 1.73 0.00	28.85 1.48 -0.81	24.80 1.42 0.00	23.89 1.31 0.00	22.69 1.17 -0.54
HUDSON AVE_GT_4 23540	31.57 1.40 -5.70	29.63 1.29 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.84 1.46 -2.24	22.24 0.76 -7.66	21.21 1.14 0.00	23.65 1.10 -4.07	22.27 1.01 -4.59	23.74 1.01 -6.10	28.09 0.49 -18.75	28.77 0.93 -11.37	33.74 1.51 -5.65	33.52 1.69 -3.04	44.63 2.41 0.00	41.84 2.36 -0.66	30.50 1.73 0.00	28.85 1.48 -0.81	24.80 1.42 0.00	23.89 1.31 0.00	22.69 1.17 -0.54
HUDSON AVE_GT_5 23657	31.57 1.40 -5.70	29.63 1.29 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.04 -0.02 -31.36	28.84 1.46 -2.24	22.24 0.76 -7.66	21.21 1.14 0.00	23.65 1.10 -4.07	22.27 1.01 -4.59	23.74 1.01 -6.10	28.09 0.49 -18.75	28.77 0.93 -11.37	33.74 1.51 -5.65	33.52 1.69 -3.04	44.63 2.41 0.00	41.84 2.36 -0.66	30.50 1.73 0.00	28.85 1.48 -0.81	24.80 1.42 0.00	23.89 1.31 0.00	22.69 1.17 -0.54
HUDSON_AVE_10 24168	31.50 1.32 -5.70	29.56 1.22 -6.50	24.25 0.99 -5.38	24.75 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.77 1.39 -2.24	22.20 0.72 -7.66	21.14 1.07 0.00	23.60 1.04 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.46 -18.75	28.71 0.87 -11.37	33.64 1.41 -5.65	33.41 1.59 -3.04	44.47 2.25 0.00	41.70 2.22 -0.66	30.41 1.63 0.00	28.77 1.40 -0.81	24.74 1.36 0.00	23.83 1.25 0.00	22.63 1.11 -0.54
HUDSON___115KV_TB 4 355613	32.28 1.18 -6.63	30.48 1.08 -7.57	25.05 0.91 -6.26	29.23 -0.12 -31.82	32.60 -0.24 -37.55	31.32 -0.21 -35.70	36.18 -0.01 -36.49	29.10 1.36 -2.60	23.45 0.71 -8.92	21.00 0.93 0.00	24.08 0.85 -4.74	22.86 0.85 -5.34	24.63 0.90 -7.10	31.15 0.48 -21.82	30.59 0.89 -13.23	34.68 1.52 -6.58	34.06 1.74 -3.54	44.94 2.72 0.00	42.11 2.52 -0.76	30.53 1.76 0.00	29.12 1.62 -0.94	24.75 1.37 0.00	23.88 1.30 0.00	22.78 1.17 -0.63
HUNTER MOUNT___DRP 323613	32.31 1.36 -6.48	30.46 1.23 -7.40	25.01 1.02 -6.12	28.49 -0.14 -31.10	31.72 -0.27 -36.70	30.49 -0.24 -34.89	35.35 -0.01 -35.66	29.21 1.52 -2.54	23.33 0.81 -8.72	21.09 1.02 0.00	24.04 0.93 -4.63	22.83 0.93 -5.22	24.58 1.01 -6.94	30.72 0.56 -21.32	30.42 1.02 -12.93	34.73 1.72 -6.43	34.23 1.99 -3.45	45.37 3.15 0.00	42.46 2.89 -0.75	30.81 2.03 0.00	29.34 1.87 -0.92	24.94 1.57 0.00	24.06 1.48 0.00	22.94 1.34 -0.61
HUNTINGTON_RES_REC 323705	32.08 1.91 -5.70	29.92 1.58 -6.50	24.59 1.33 -5.38	24.70 -0.18 -27.35	27.23 -0.33 -32.27	26.21 -0.31 -30.68	31.05 -0.02 -31.36	29.31 1.93 -2.24	22.49 1.01 -7.66	21.51 1.44 0.00	23.86 1.30 -4.07	22.42 1.15 -4.59	23.86 1.13 -6.10	28.20 0.60 -18.75	29.15 1.31 -11.37	34.50 2.27 -5.65	36.84 2.68 -5.38	311.74 3.56 -265.96	99.85 3.18 -57.84	-77.87 2.38 109.03	106.82 1.69 -78.57	48.66 1.61 -23.66	24.07 1.49 0.00	22.84 1.32 -0.54
HUNTLEY___63 23557	24.84 -0.99 -1.36	22.80 -0.59 -1.55	18.85 -0.31 -1.28	4.08 0.04 -6.51	3.01 0.03 -7.68	3.18 0.04 -7.30	7.17 0.00 -7.46	24.88 -0.80 -0.53	15.38 -0.25 -1.82	19.80 -0.27 0.00	19.20 -0.25 -0.97	17.51 -0.25 -1.09	17.73 -0.35 -1.45	12.98 -0.32 -4.46	18.45 -0.72 -2.71	26.57 -1.36 -1.34	28.25 -1.26 -0.72	40.80 -1.42 0.00	37.43 -1.55 -0.16	27.11 -1.67 0.00	25.27 -1.48 -0.19	22.22 -1.16 0.00	21.62 -0.96 0.00	20.41 -0.70 -0.13
HUNTLEY___64 23558	24.84 -0.99 -1.36	22.80 -0.59 -1.55	18.85 -0.31 -1.28	4.08 0.04 -6.51	3.01 0.03 -7.68	3.18 0.04 -7.30	7.17 0.00 -7.46	24.88 -0.80 -0.53	15.38 -0.25 -1.82	19.80 -0.27 0.00	19.20 -0.25 -0.97	17.51 -0.25 -1.09	17.73 -0.35 -1.45	12.98 -0.32 -4.46	18.45 -0.72 -2.71	26.57 -1.36 -1.34	28.25 -1.26 -0.72	40.80 -1.42 0.00	37.43 -1.55 -0.16	27.11 -1.67 0.00	25.27 -1.48 -0.19	22.22 -1.16 0.00	21.62 -0.96 0.00	20.41 -0.70 -0.13
HUNTLEY___65 23559	24.84 -0.99 -1.36	22.80 -0.59 -1.55	18.85 -0.31 -1.28	4.08 0.04 -6.51	3.01 0.03 -7.68	3.18 0.04 -7.30	7.17 0.00 -7.46	24.88 -0.80 -0.53	15.38 -0.25 -1.82	19.80 -0.27 0.00	19.20 -0.25 -0.97	17.51 -0.25 -1.09	17.73 -0.35 -1.45	12.98 -0.32 -4.46	18.45 -0.72 -2.71	26.57 -1.36 -1.34	28.25 -1.26 -0.72	40.80 -1.42 0.00	37.43 -1.55 -0.16	27.11 -1.67 0.00	25.27 -1.48 -0.19	22.22 -1.16 0.00	21.62 -0.96 0.00	20.41 -0.70 -0.13
HUNTLEY___66 23560	24.84 -0.99 -1.36	22.80 -0.59 -1.55	18.85 -0.31 -1.28	4.08 0.04 -6.51	3.01 0.03 -7.68	3.18 0.04 -7.30	7.17 0.00 -7.46	24.88 -0.80 -0.53	15.38 -0.25 -1.82	19.80 -0.27 0.00	19.20 -0.25 -0.97	17.51 -0.25 -1.09	17.73 -0.35 -1.45	12.98 -0.32 -4.46	18.45 -0.72 -2.71	26.57 -1.36 -1.34	28.25 -1.26 -0.72	40.80 -1.42 0.00	37.43 -1.55 -0.16	27.11 -1.67 0.00	25.27 -1.48 -0.19	22.22 -1.16 0.00	21.62 -0.96 0.00	20.41 -0.70 -0.13
HUNTLEY___67 23561	24.74 -1.10 -1.37	22.70 -0.70 -1.56	18.76 -0.41 -1.29	4.14 0.05 -6.56	3.10 0.07 -7.74	3.26 0.06 -7.36	7.23 0.00 -7.52	24.77 -0.91 -0.54	15.33 -0.32 -1.84	19.69 -0.38 0.00	19.12 -0.35 -0.98	17.43 -0.35 -1.10	17.64 -0.45 -1.47	12.99 -0.35 -4.50	18.40 -0.80 -2.73	26.47 -1.46 -1.36	28.10 -1.41 -0.73	40.62 -1.60 0.00	37.29 -1.70 -0.16	27.02 -1.75 0.00	25.18 -1.58 -0.19	22.14 -1.24 0.00	21.55 -1.03 0.00	20.32 -0.79 -0.13
HUNTLEY___68 23562	24.74 -1.10 -1.37	22.70 -0.70 -1.56	18.76 -0.41 -1.29	4.14 0.05 -6.56	3.10 0.07 -7.74	3.26 0.06 -7.36	7.23 0.00 -7.52	24.77 -0.91 -0.54	15.33 -0.32 -1.84	19.69 -0.38 0.00	19.12 -0.35 -0.98	17.43 -0.35 -1.10	17.64 -0.45 -1.47	12.99 -0.35 -4.50	18.40 -0.80 -2.73	26.47 -1.46 -1.36	28.10 -1.41 -0.73	40.62 -1.60 0.00	37.29 -1.70 -0.16	27.02 -1.75 0.00	25.18 -1.58 -0.19	22.14 -1.24 0.00	21.55 -1.03 0.00	20.32 -0.79 -0.13
HYLAND___LFGE 323620	26.05 0.13 -1.44	23.78 0.29 -1.65	19.57 0.33 -1.36	4.42 -0.05 -6.93	3.35 -0.12 -8.18	3.49 -0.12 -7.78	7.65 0.00 -7.95	26.25 0.53 -0.57	16.10 0.34 -1.94	20.05 -0.03 0.00	19.54 0.02 -1.03	17.77 -0.07 -1.16	18.00 -0.18 -1.55	13.40 -0.20 -4.75	18.88 -0.47 -2.88	27.43 -0.58 -1.43	29.82 0.27 -0.77	43.52 1.31 0.00	40.21 1.21 -0.17	29.45 0.67 0.00	27.34 0.57 -0.20	23.97 0.59 0.00	23.15 0.57 0.00	21.68 0.56 -0.14
INDECK___CORINTH 23802	33.14 1.63 -7.03	31.32 1.45 -8.02	25.72 1.20 -6.64	31.11 -0.16 -33.74	34.80 -0.31 -39.82	33.41 -0.28 -37.85	38.38 -0.02 -38.69	29.57 1.66 -2.76	24.15 0.88 -9.46	21.37 1.29 0.00	24.68 1.17 -5.03	23.35 1.02 -5.66	25.25 1.09 -7.53	32.56 0.58 -23.13	31.61 1.12 -14.03	35.34 1.78 -6.98	34.43 1.89 -3.75	45.07 2.85 0.00	42.19 2.55 -0.81	30.50 1.72 0.00	29.06 1.51 -1.00	24.65 1.27 0.00	24.06 1.48 0.00	23.07 1.42 -0.66



INDECK___ILION 23567	24.84 0.19 -0.17	22.19 0.15 -0.20	18.14 0.10 -0.16	-1.65 -0.01 -0.83	-3.75 -0.02 -0.98	-3.25 -0.02 -0.93	0.66 0.00 -0.95	25.38 0.16 -0.07	14.10 0.05 -0.23	20.13 0.06 0.00	18.68 0.07 -0.12	16.88 0.06 -0.14	16.92 0.11 -0.19	9.47 0.05 -0.57	16.93 0.12 -0.34	27.09 0.33 -0.17	29.27 0.40 -0.09	42.84 0.62 0.00	39.43 0.58 -0.02	29.12 0.35 0.00	26.96 0.37 -0.02	23.68 0.30 0.00	22.83 0.25 0.00	21.19 0.20 -0.02
INDECK___OLEAN 23982	25.94 0.02 -1.45	23.70 0.21 -1.65	19.55 0.30 -1.37	4.44 -0.03 -6.95	3.41 -0.07 -8.20	3.56 -0.06 -7.79	7.67 0.00 -7.96	25.89 0.18 -0.57	16.05 0.29 -1.95	20.61 0.53 0.00	20.03 0.51 -1.03	18.12 0.27 -1.17	18.36 0.18 -1.55	13.58 -0.02 -4.76	19.23 -0.12 -2.89	27.61 -0.40 -1.44	29.24 -0.32 -0.77	42.32 0.10 0.00	38.84 -0.16 -0.17	28.38 -0.40 0.00	26.36 -0.40 -0.20	23.24 -0.14 0.00	22.63 0.05 0.00	21.34 0.22 -0.14
INDECK___OSWEGO 23783	24.94 -0.51 -0.97	22.51 -0.44 -1.11	18.45 -0.35 -0.92	2.25 0.05 -4.67	0.88 0.08 -5.51	1.15 0.08 -5.24	5.06 0.01 -5.35	25.06 -0.46 -0.38	14.89 -0.23 -1.31	19.75 -0.32 0.00	18.89 -0.29 -0.70	17.18 -0.28 -0.78	17.40 -0.27 -1.04	11.90 -0.14 -3.20	18.09 -0.31 -1.94	26.98 -0.57 -0.97	28.71 -0.60 -0.52	41.38 -0.84 0.00	38.12 -0.82 -0.11	28.13 -0.64 0.00	26.12 -0.57 -0.14	22.90 -0.48 0.00	22.12 -0.46 0.00	20.66 -0.42 -0.09
INDECK___YERKES 23781	24.87 -0.96 -1.36	22.82 -0.56 -1.55	18.88 -0.28 -1.28	4.08 0.03 -6.51	3.00 0.03 -7.68	3.18 0.03 -7.30	7.17 0.00 -7.46	24.90 -0.78 -0.53	15.39 -0.24 -1.82	19.82 -0.25 0.00	19.22 -0.24 -0.97	17.53 -0.24 -1.09	17.75 -0.33 -1.45	12.99 -0.32 -4.46	18.47 -0.71 -2.71	26.60 -1.33 -1.34	28.28 -1.22 -0.72	40.84 -1.38 0.00	37.47 -1.51 -0.16	27.15 -1.63 0.00	25.30 -1.45 -0.19	22.24 -1.14 0.00	21.64 -0.94 0.00	20.43 -0.68 -0.13
INDIAN POINT_GT_1 24139	31.27 1.17 -5.62	29.34 1.09 -6.42	24.08 0.89 -5.31	24.40 -0.12 -26.99	26.92 -0.23 -31.85	25.91 -0.21 -30.28	30.64 -0.02 -30.95	28.61 1.26 -2.21	22.03 0.65 -7.56	21.04 0.96 0.00	23.42 0.91 -4.02	22.03 0.82 -4.53	23.47 0.82 -6.02	27.76 0.41 -18.51	28.48 0.79 -11.22	33.44 1.28 -5.58	33.21 1.43 -3.00	44.28 2.06 0.00	41.50 2.03 -0.65	30.25 1.47 0.00	28.60 1.24 -0.80	24.55 1.18 0.00	23.69 1.12 0.00	22.49 0.98 -0.53
INDIAN POINT_GT_2 23659	31.27 1.17 -5.62	29.34 1.09 -6.42	24.08 0.89 -5.31	24.40 -0.12 -26.99	26.92 -0.23 -31.85	25.91 -0.21 -30.28	30.64 -0.02 -30.95	28.61 1.26 -2.21	22.03 0.65 -7.56	21.04 0.96 0.00	23.42 0.91 -4.02	22.03 0.82 -4.53	23.47 0.82 -6.02	27.76 0.41 -18.51	28.48 0.79 -11.22	33.44 1.28 -5.58	33.21 1.43 -3.00	44.28 2.06 0.00	41.50 2.03 -0.65	30.25 1.47 0.00	28.60 1.24 -0.80	24.55 1.18 0.00	23.69 1.12 0.00	22.49 0.98 -0.53
INDIAN POINT_GT_3 24019	31.27 1.17 -5.62	29.34 1.09 -6.42	24.08 0.89 -5.31	24.40 -0.12 -26.99	26.92 -0.23 -31.85	25.91 -0.21 -30.28	30.64 -0.02 -30.95	28.61 1.26 -2.21	22.03 0.65 -7.56	21.04 0.96 0.00	23.42 0.91 -4.02	22.03 0.82 -4.53	23.47 0.82 -6.02	27.76 0.41 -18.51	28.48 0.79 -11.22	33.44 1.28 -5.58	33.21 1.43 -3.00	44.28 2.06 0.00	41.50 2.03 -0.65	30.25 1.47 0.00	28.60 1.24 -0.80	24.55 1.18 0.00	23.69 1.12 0.00	22.49 0.98 -0.53
INDIAN POINT___2 23530	31.09 1.13 -5.49	29.16 1.06 -6.26	23.92 0.86 -5.18	23.75 -0.12 -26.34	26.15 -0.22 -31.08	25.18 -0.20 -29.55	29.89 -0.02 -30.20	28.52 1.22 -2.15	21.82 0.63 -7.38	21.00 0.92 0.00	23.29 0.88 -3.92	21.88 0.78 -4.42	23.28 0.78 -5.88	27.30 0.40 -18.06	28.17 0.75 -10.95	33.24 1.21 -5.44	33.06 1.35 -2.93	44.15 1.93 0.00	41.36 1.90 -0.63	30.14 1.37 0.00	28.50 1.16 -0.78	24.49 1.11 0.00	23.64 1.06 0.00	22.43 0.93 -0.52
INDIAN POINT___3 23531	31.41 1.22 -5.72	29.49 1.13 -6.53	24.20 0.92 -5.40	24.85 -0.12 -27.45	27.44 -0.23 -32.38	26.41 -0.21 -30.79	31.16 -0.01 -31.47	28.68 1.29 -2.24	22.18 0.67 -7.69	21.09 1.01 0.00	23.54 0.96 -4.09	22.16 0.88 -4.60	23.62 0.87 -6.12	28.09 0.43 -18.82	28.71 0.83 -11.41	33.61 1.35 -5.67	33.35 1.51 -3.05	44.41 2.19 0.00	41.63 2.14 -0.66	30.33 1.56 0.00	28.70 1.33 -0.81	24.63 1.25 0.00	23.75 1.17 0.00	22.56 1.04 -0.54
INGHAM_C_115KV_TB7 356103	24.98 0.33 -0.17	22.36 0.32 -0.20	18.27 0.22 -0.16	-1.67 -0.03 -0.83	-3.78 -0.05 -0.98	-3.28 -0.04 -0.93	0.65 0.00 -0.95	25.57 0.36 -0.07	14.17 0.13 -0.23	20.23 0.16 0.00	18.79 0.18 -0.12	16.98 0.16 -0.14	17.06 0.25 -0.19	9.52 0.10 -0.57	17.01 0.20 -0.34	27.37 0.62 -0.17	29.63 0.75 -0.09	43.43 1.21 0.00	40.00 1.16 -0.02	29.40 0.62 0.00	27.26 0.67 -0.02	23.99 0.61 0.00	23.09 0.51 0.00	21.38 0.38 -0.02
IP CORINTH___1 23988	33.14 1.64 -7.03	31.32 1.45 -8.02	25.72 1.20 -6.64	31.12 -0.16 -33.74	34.80 -0.31 -39.82	33.41 -0.28 -37.85	38.38 -0.02 -38.69	29.57 1.66 -2.76	24.15 0.88 -9.46	21.37 1.29 0.00	24.68 1.17 -5.03	23.35 1.02 -5.66	25.25 0.58 -7.53	32.56 0.56 -23.13	31.62 1.12 -14.03	35.34 1.78 -6.98	34.42 1.89 -3.75	45.06 2.85 0.00	42.19 2.55 -0.81	30.50 1.73 0.00	29.06 1.51 -1.00	24.66 1.28 0.00	24.06 1.48 0.00	23.07 1.42 -0.66
IP___TICONDEROGA 23804	34.38 2.88 -7.02	32.31 2.46 -8.01	26.52 2.02 -6.63	30.97 -0.26 -33.70	34.56 -0.50 -39.76	33.17 -0.47 -37.80	38.31 -0.03 -38.64	30.72 2.82 -2.75	24.69 1.44 -9.44	22.41 2.33 0.00	25.49 1.98 -5.02	24.10 1.77 -5.65	26.00 1.85 -7.52	32.99 1.04 -23.11	32.51 2.03 -14.01	36.94 3.40 -6.97	36.34 3.81 -3.75	47.94 5.72 0.00	44.45 4.81 -0.81	31.99 3.21 0.00	30.31 2.76 -1.00	25.69 2.31 0.00	24.95 2.37 0.00	23.89 2.25 -0.66
ISLIP_RES_REC 323679	32.43 2.25 -5.70	30.24 1.89 -6.50	24.87 1.61 -5.38	24.67 -0.22 -27.35	27.16 -0.40 -32.27	26.14 -0.37 -30.68	31.04 -0.03 -31.36	29.72 2.34 -2.24	22.71 1.24 -7.66	21.78 1.71 0.00	24.08 1.52 -4.07	22.61 1.35 -4.59	24.06 1.33 -6.10	28.30 0.70 -18.75	29.37 1.53 -11.37	34.86 2.62 -5.65	37.17 3.07 -5.32	246.27 4.13 -199.92	261.30 3.78 -218.69	350.23 2.88 -318.57	65.71 2.11 -37.04	36.38 1.97 -11.02	24.45 1.87 0.00	23.17 1.65 -0.54
JAMAICA___27_KV_LOAD 355505	31.71 1.54 -5.70	29.75 1.41 -6.50	24.40 1.14 -5.38	24.72 -0.16 -27.35	27.26 -0.30 -32.27	26.24 -0.27 -30.68	31.04 -0.02 -31.36	29.00 1.62 -2.24	22.31 0.83 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.37 1.10 -4.59	23.82 1.09 -6.10	28.13 0.53 -18.75	28.82 0.98 -11.37	33.83 1.60 -5.65	33.63 1.80 -3.04	44.82 2.60 0.00	42.01 2.53 -0.66	30.66 1.88 0.00	28.99 1.62 -0.81	24.99 1.61 0.00	24.05 1.47 0.00	22.84 1.31 -0.54
JANIS___SOLAR 323808	27.61 1.05 -2.09	25.15 0.94 -2.38	20.67 0.82 -1.97	7.42 -0.11 -10.00	6.87 -0.23 -11.80	6.85 -0.21 -11.22	11.16 -0.01 -11.47	27.27 1.30 -0.82	17.36 0.74 -2.80	20.97 0.89 0.00	20.82 0.84 -1.49	19.10 0.74 -1.68	19.52 0.66 -2.23	16.00 0.29 -6.86	21.13 0.51 -4.16	29.82 1.18 -2.07	31.50 1.61 -1.11	44.76 2.54 0.00	41.40 2.33 -0.24	30.36 1.58 0.00	28.42 1.57 -0.30	24.77 1.39 0.00	23.83 1.25 0.00	22.27 1.09 -0.20

JARVIS____ 23743	24.65 0.01 -0.17	22.01 -0.03 -0.20	18.00 -0.05 -0.16	-1.63 0.01 -0.83	-3.71 0.02 -0.98	-3.22 0.02 -0.93	0.65 0.00 -0.95	25.16 -0.05 -0.07	14.00 -0.04 -0.23	20.00 -0.08 0.00	18.52 -0.09 -0.12	16.75 -0.07 -0.14	16.76 -0.05 -0.19	9.40 -0.01 -0.57	16.80 -0.01 -0.34	26.77 0.02 -0.17	28.91 0.03 -0.09	42.24 0.02 0.00	38.85 0.00 -0.02	28.83 0.05 0.00	26.64 0.05 -0.02	23.37 -0.01 0.00	22.57 -0.01 0.00	21.00 0.00 -0.02
JENNISON____1 23625	28.11 1.10 -2.54	25.72 0.99 -2.89	21.14 0.86 -2.39	9.59 -0.11 -12.17	9.42 -0.23 -14.36	9.29 -0.20 -13.66	13.65 -0.01 -13.96	27.44 1.30 -0.99	17.96 0.73 -3.41	21.14 1.06 0.00	21.32 1.02 -1.81	19.53 0.81 -2.04	20.06 0.71 -2.72	17.57 0.38 -8.35	22.22 0.69 -5.06	30.31 1.22 -2.52	31.70 1.56 -1.35	44.56 2.34 0.00	41.30 2.19 -0.29	30.34 1.56 0.00	28.48 1.56 -0.36	24.80 1.42 0.00	23.87 1.29 0.00	22.34 1.12 -0.24
JENNISON____2 23626	28.11 1.10 -2.54	25.72 0.99 -2.89	21.14 0.86 -2.39	9.59 -0.11 -12.17	9.42 -0.23 -14.36	9.29 -0.20 -13.66	13.65 -0.01 -13.96	27.44 1.30 -0.99	17.96 0.73 -3.41	21.14 1.06 0.00	21.32 1.02 -1.81	19.53 0.81 -2.04	20.06 0.71 -2.72	17.57 0.38 -8.35	22.22 0.69 -5.06	30.31 1.22 -2.52	31.70 1.56 -1.35	44.56 2.34 0.00	41.30 2.19 -0.29	30.34 1.56 0.00	28.48 1.56 -0.36	24.80 1.42 0.00	23.87 1.29 0.00	22.34 1.12 -0.24
JERICHO_RISE_WT_PWR 323719	24.36 -0.34 -0.22	20.86 -1.23 -0.25	16.73 -1.36 -0.21	-1.18 0.24 -1.05	-2.98 0.49 -1.24	-2.56 0.42 -1.18	0.94 0.03 -1.21	22.91 -2.32 -0.09	12.55 -1.56 -0.29	17.51 -2.56 0.00	15.83 -2.82 -0.16	14.54 -2.31 -0.18	14.80 -2.06 -0.23	8.72 -0.85 -0.72	15.68 -1.22 -0.44	25.97 -0.83 -0.22	27.88 -1.02 -0.12	40.54 -1.67 0.00	37.03 -1.82 -0.03	28.40 -0.38 0.00	26.04 -0.55 -0.03	22.03 -1.35 0.00	21.03 -1.55 0.00	19.94 -1.07 -0.02
KATONAH____115KV_46KV_TB4 355592	31.56 1.33 -5.75	29.63 1.22 -6.57	24.32 1.00 -5.43	25.02 -0.14 -27.62	27.63 -0.25 -32.59	26.59 -0.23 -30.99	31.36 -0.02 -31.67	28.84 1.44 -2.26	22.32 0.76 -7.74	21.22 1.14 0.00	23.68 1.08 -4.11	22.29 0.97 -4.63	23.75 0.96 -6.16	28.26 0.48 -18.94	28.87 0.92 -11.48	33.79 1.50 -5.71	33.55 1.70 -3.07	44.71 2.49 0.00	41.91 2.42 -0.67	30.53 1.76 0.00	28.88 1.50 -0.82	24.77 1.39 0.00	23.88 1.30 0.00	22.67 1.15 -0.54
KCE_NY_1 323755	32.80 1.31 -7.01	31.02 1.19 -8.00	25.48 0.98 -6.62	31.05 -0.13 -33.65	34.75 -0.25 -39.71	33.36 -0.23 -37.75	38.28 -0.01 -38.59	29.29 1.39 -2.75	23.99 0.74 -9.43	21.11 1.04 0.00	24.47 0.97 -5.01	23.19 0.86 -5.65	25.07 0.93 -7.51	32.41 0.50 -23.07	31.41 0.95 -13.99	35.11 1.57 -6.96	34.22 1.70 -3.74	44.82 2.60 0.00	42.00 2.36 -0.81	30.45 1.67 0.00	29.06 1.50 -0.99	24.66 1.27 0.00	23.88 1.30 0.00	22.84 1.20 -0.66
KCE_NY_6_ESR 323823	25.01 -0.86 -1.39	22.93 -0.49 -1.59	18.94 -0.25 -1.31	4.24 0.03 -6.68	3.20 0.03 -7.87	3.35 0.03 -7.49	7.36 0.00 -7.65	25.08 -0.61 -0.55	15.53 -0.16 -1.87	19.92 -0.15 0.00	19.34 -0.14 -0.99	17.58 -0.22 -1.12	17.78 -0.33 -1.49	13.13 -0.29 -4.58	18.60 -0.64 -2.78	26.79 -1.17 -1.38	28.50 -1.03 -0.74	41.26 -0.96 0.00	37.89 -1.10 -0.16	27.50 -1.28 0.00	25.59 -1.17 -0.20	22.53 -0.85 0.00	21.91 -0.67 0.00	20.63 -0.48 -0.13
KEDC_PORT_JEFF_GT2 24210	32.27 2.10 -5.70	30.10 1.76 -6.50	24.75 1.49 -5.38	24.68 -0.20 -27.35	27.19 -0.37 -32.27	26.17 -0.35 -30.68	31.04 -0.03 -31.36	29.56 2.18 -2.24	22.63 1.16 -7.66	21.68 1.61 0.00	24.00 1.44 -4.07	22.54 1.27 -4.59	23.99 1.26 -6.10	28.26 0.66 -18.75	29.28 1.44 -11.37	34.70 2.46 -5.65	36.92 2.79 -5.35	296.13 3.73 -250.19	315.74 3.40 -273.51	429.99 2.54 -398.67	74.54 1.84 -46.14	38.98 1.81 -13.79	24.29 1.71 0.00	23.04 1.51 -0.54
KEDC_PORT_JEFF_GT3 24211	32.27 2.10 -5.70	30.10 1.76 -6.50	24.75 1.49 -5.38	24.68 -0.20 -27.35	27.19 -0.37 -32.27	26.17 -0.35 -30.68	31.04 -0.03 -31.36	29.56 2.18 -2.24	22.63 1.16 -7.66	21.68 1.61 0.00	24.00 1.44 -4.07	22.54 1.27 -4.59	23.99 1.26 -6.10	28.26 0.66 -18.75	29.28 1.44 -11.37	34.70 2.46 -5.65	36.92 2.79 -5.35	296.13 3.73 -250.19	315.74 3.40 -273.51	429.99 2.54 -398.67	74.54 1.84 -46.14	38.98 1.81 -13.79	24.29 1.71 0.00	23.04 1.51 -0.54
KEDC_GLWD_GT4 24219	31.76 1.58 -5.70	29.73 1.38 -6.50	24.40 1.14 -5.38	24.73 -0.16 -27.35	27.28 -0.29 -32.27	26.26 -0.26 -30.68	31.05 -0.02 -31.36	29.01 1.62 -2.24	22.32 0.85 -7.66	21.32 1.25 0.00	23.74 1.18 -4.07	22.33 1.07 -4.59	23.79 1.06 -6.10	28.14 0.54 -18.75	28.93 1.09 -11.37	34.05 1.82 -5.65	35.11 2.07 -4.25	45.06 2.84 0.00	42.14 2.65 -0.66	30.68 1.91 0.00	28.92 1.55 -0.81	24.85 1.47 0.00	23.95 1.37 0.00	22.74 1.21 -0.54
KEDC_GLWD_GT5 24220	31.76 1.58 -5.70	29.73 1.38 -6.50	24.40 1.14 -5.38	24.73 -0.16 -27.35	27.28 -0.29 -32.27	26.26 -0.26 -30.68	31.05 -0.02 -31.36	29.01 1.62 -2.24	22.32 0.85 -7.66	21.32 1.25 0.00	23.74 1.18 -4.07	22.33 1.07 -4.59	23.79 1.06 -6.10	28.14 0.54 -18.75	28.93 1.09 -11.37	34.05 1.82 -5.65	35.11 2.07 -4.25	45.06 2.84 0.00	42.14 2.65 -0.66	30.68 1.91 0.00	28.92 1.55 -0.81	24.85 1.47 0.00	23.95 1.37 0.00	22.74 1.21 -0.54
KENSICO____ 23655	31.41 1.25 -5.69	29.49 1.15 -6.50	24.19 0.94 -5.37	24.72 -0.13 -27.32	27.29 -0.24 -32.23	26.26 -0.21 -30.65	31.01 -0.02 -31.32	28.69 1.32 -2.23	22.16 0.69 -7.66	21.11 1.03 0.00	23.54 0.98 -4.07	22.15 0.89 -4.58	23.61 0.89 -6.10	28.02 0.44 -18.73	28.68 0.85 -11.36	33.61 1.38 -5.65	33.36 1.54 -3.03	44.45 2.23 0.00	41.67 2.18 -0.66	30.36 1.59 0.00	28.71 1.35 -0.81	24.65 1.27 0.00	23.77 1.19 0.00	22.58 1.06 -0.54
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.15 1.27 -5.40	29.18 1.18 -6.17	23.93 0.95 -5.10	23.34 -0.13 -25.94	25.65 -0.25 -30.61	24.71 -0.22 -29.10	29.43 -0.02 -29.74	28.67 1.41 -2.12	21.79 0.71 -7.27	21.05 0.98 0.00	23.21 0.86 -3.86	21.75 0.72 -4.35	23.11 0.69 -5.79	27.07 0.44 -17.78	28.03 0.78 -10.79	33.29 1.35 -5.36	33.24 1.57 -2.88	44.62 2.40 0.00	41.79 2.34 -0.62	30.39 1.62 0.00	28.77 1.45 -0.77	24.72 1.34 0.00	23.82 1.24 0.00	22.57 1.07 -0.51
KIAC_JFK_GT1 23816	31.63 1.46 -5.70	29.69 1.35 -6.50	24.34 1.08 -5.38	24.73 -0.15 -27.35	27.28 -0.29 -32.27	26.26 -0.26 -30.68	31.04 -0.02 -31.36	28.92 1.53 -2.24	22.26 0.78 -7.66	21.19 1.12 0.00	23.66 1.10 -4.07	22.31 1.05 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.77 0.93 -11.37	33.74 1.51 -5.65	33.52 1.69 -3.04	44.67 2.45 0.00	41.87 2.39 -0.66	30.57 1.79 0.00	28.90 1.53 -0.81	24.90 1.52 0.00	23.97 1.39 0.00	22.77 1.25 -0.54
KIAC_JFK_GT2 23817	31.63 1.46 -5.70	29.69 1.35 -6.50	24.34 1.08 -5.38	24.73 -0.15 -27.35	27.28 -0.29 -32.27	26.26 -0.26 -30.68	31.04 -0.02 -31.36	28.92 1.53 -2.24	22.26 0.78 -7.66	21.19 1.12 0.00	23.66 1.10 -4.07	22.31 1.05 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.77 0.93 -11.37	33.74 1.51 -5.65	33.52 1.69 -3.04	44.67 2.45 0.00	41.87 2.39 -0.66	30.57 1.79 0.00	28.90 1.53 -0.81	24.90 1.52 0.00	23.97 1.39 0.00	22.77 1.25 -0.54

KIAC_JFK____ 323774	31.63 1.46 -5.70	29.69 1.34 -6.50	24.34 1.08 -5.38	24.73 -0.15 -27.35	27.28 -0.29 -32.27	26.25 -0.26 -30.68	31.04 -0.02 -31.36	28.92 1.53 -2.24	22.26 0.78 -7.66	21.19 1.12 0.00	23.66 1.10 -4.07	22.32 1.05 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.77 0.93 -11.37	33.74 1.51 -5.65	33.52 1.70 -3.04	44.67 2.45 0.00	41.87 2.39 -0.66	30.55 1.78 0.00	28.90 1.53 -0.81	24.91 1.53 0.00	23.97 1.39 0.00	22.77 1.25 -0.54
KINTIGH____ 23543	24.80 -0.96 -1.28	22.69 -0.61 -1.46	18.72 -0.37 -1.21	3.73 0.04 -6.16	2.61 0.06 -7.27	2.80 0.06 -6.91	6.77 0.00 -7.06	24.84 -0.81 -0.50	15.25 -0.29 -1.73	19.74 -0.34 0.00	19.13 -0.28 -0.92	17.43 -0.28 -1.03	17.66 -0.34 -1.37	12.79 -0.27 -4.22	18.36 -0.66 -2.56	26.60 -1.25 -1.27	28.21 -1.26 -0.68	40.71 -1.50 0.00	37.40 -1.57 -0.15	27.16 -1.61 0.00	25.30 -1.44 -0.18	22.23 -1.15 0.00	21.60 -0.97 0.00	20.35 -0.75 -0.12
KNTFSRNC_46_KV_46KV_LOAD 80397	24.81 0.11 -0.21	21.23 -0.85 -0.24	17.02 -1.07 -0.20	-1.25 0.19 -1.03	-3.09 0.41 -1.21	-2.66 0.35 -1.15	0.91 0.03 -1.18	23.29 -1.94 -0.09	12.76 -1.34 -0.29	17.84 -2.24 0.00	16.11 -2.53 -0.15	14.78 -2.07 -0.17	15.04 -1.81 -0.23	8.84 -0.71 -0.70	15.91 -0.98 -0.43	26.48 -0.31 -0.21	28.51 -0.39 -0.11	41.57 -0.65 0.00	37.94 -0.91 -0.03	28.99 0.21 0.00	26.55 -0.04 -0.03	22.49 -0.89 0.00	21.46 -1.12 0.00	20.34 -0.66 -0.02
LACHUTE____HYDRO 323717	34.38 2.88 -7.02	32.31 2.46 -8.01	26.52 2.01 -6.63	30.97 -0.26 -33.70	34.56 -0.50 -39.76	33.17 -0.47 -37.80	38.31 -0.03 -38.64	30.72 2.82 -2.75	24.69 1.44 -9.44	22.40 2.33 0.00	25.49 1.99 -5.02	24.10 1.77 -5.65	26.00 1.85 -7.52	32.99 1.04 -23.11	32.50 2.03 -14.01	36.94 3.40 -6.97	36.34 3.81 -3.75	47.94 5.72 0.00	44.45 4.81 -0.81	31.99 3.21 0.00	30.31 2.76 -1.00	25.69 2.31 0.00	24.95 2.37 0.00	23.89 2.25 -0.66
LAWRNCV_115KV_TB1 80681	24.60 -0.15 -0.27	21.20 -0.95 -0.31	17.00 -1.14 -0.26	-0.96 0.20 -1.31	-2.77 0.39 -1.55	-2.34 0.35 -1.47	1.23 0.02 -1.50	23.49 -1.77 -0.11	13.03 -1.15 -0.37	18.15 -1.92 0.00	16.51 -2.18 -0.20	15.16 -1.73 -0.22	15.38 -1.54 -0.29	9.10 -0.65 -0.90	16.05 -0.96 -0.55	26.18 -0.67 -0.27	28.12 -0.81 -0.14	40.77 -1.45 0.00	37.18 -1.68 -0.03	28.51 -0.26 0.00	26.46 -0.14 -0.04	22.35 -1.03 0.00	21.34 -1.24 0.00	20.11 -0.89 -0.03
LEDERLE____ 23769	31.28 1.32 -5.49	29.33 1.23 -6.26	24.06 1.00 -5.18	23.73 -0.14 -26.33	26.11 -0.26 -31.07	25.14 -0.23 -29.54	29.88 -0.02 -30.19	28.71 1.41 -2.15	21.93 0.73 -7.38	21.16 1.09 0.00	23.44 1.03 -3.92	22.02 0.93 -4.42	23.42 0.92 -5.88	27.37 0.47 -18.05	28.30 0.89 -10.95	33.48 1.45 -5.44	33.32 1.61 -2.93	44.55 2.33 0.00	41.73 2.27 -0.63	30.40 1.63 0.00	28.74 1.41 -0.78	24.70 1.32 0.00	23.83 1.26 0.00	22.60 1.10 -0.52
LIGHTHSE_115KV_TB6 355974	24.97 -0.43 -0.93	22.43 -0.47 -1.06	18.34 -0.41 -0.88	2.04 0.06 -4.45	0.64 0.10 -5.26	0.92 0.09 -5.00	4.82 0.01 -5.11	25.02 -0.49 -0.36	14.82 -0.25 -1.25	19.69 -0.38 0.00	18.72 -0.43 -0.66	17.08 -0.34 -0.75	17.40 -0.22 -0.99	11.82 -0.08 -3.06	18.05 -0.27 -1.85	27.15 -0.35 -0.92	29.01 -0.27 -0.49	41.85 -0.37 0.00	38.48 -0.45 -0.11	28.49 -0.28 0.00	26.50 -0.20 -0.13	23.11 -0.27 0.00	22.30 -0.28 0.00	20.84 -0.23 -0.09
LINDEN COGEN____ 23786	31.42 1.25 -5.70	29.50 1.16 -6.50	24.21 0.95 -5.38	24.75 -0.13 -27.35	27.33 -0.23 -32.27	26.30 -0.21 -30.68	31.05 -0.01 -31.36	28.68 1.30 -2.24	22.15 0.67 -7.66	21.07 1.00 0.00	23.52 0.96 -4.07	22.14 0.88 -4.59	23.61 0.88 -6.10	28.03 0.43 -18.75	28.65 0.81 -11.37	33.54 1.30 -5.65	33.28 1.46 -3.04	44.26 2.04 0.00	41.50 2.02 -0.66	30.23 1.46 0.00	28.63 1.27 -0.81	24.62 1.24 0.00	23.72 1.14 0.00	22.55 1.03 -0.54
LINDHRST_69_KV_BK1 356055	32.25 2.08 -5.70	30.10 1.76 -6.50	24.73 1.47 -5.38	24.69 -0.20 -27.35	27.20 -0.37 -32.27	26.18 -0.34 -30.68	31.05 -0.02 -31.36	29.51 2.13 -2.24	22.60 1.12 -7.66	21.66 1.59 0.00	24.00 1.44 -4.07	22.56 1.29 -4.59	24.00 1.27 -6.10	28.27 0.67 -18.75	29.27 1.43 -11.37	34.67 2.44 -5.65	36.71 2.82 -5.10	59.10 3.72 -13.16	57.31 3.47 -15.01	52.29 2.54 -20.97	31.69 1.93 -3.19	25.94 1.84 -0.73	24.30 1.72 0.00	23.04 1.52 -0.54
LIPA_MISC_IPP 23656	32.28 2.11 -5.70	30.11 1.76 -6.50	24.78 1.52 -5.38	24.68 -0.20 -27.35	27.19 -0.38 -32.27	26.17 -0.35 -30.68	31.04 -0.03 -31.36	29.58 2.19 -2.24	22.64 1.16 -7.66	21.68 1.60 0.00	23.98 1.42 -4.07	22.52 1.25 -4.59	23.96 1.23 -6.10	28.24 0.64 -18.75	29.26 1.42 -11.37	34.67 2.44 -5.65	37.03 2.90 -5.35	279.37 3.81 -233.34	297.41 3.45 -255.13	403.24 2.64 -371.82	71.55 1.89 -43.09	38.01 1.76 -12.87	24.27 1.69 0.00	23.02 1.50 -0.54
LISF____SOLAR 323691	32.31 2.14 -5.70	30.14 1.80 -6.50	24.81 1.55 -5.38	24.67 -0.21 -27.35	27.19 -0.38 -32.27	26.16 -0.36 -30.68	31.04 -0.03 -31.36	29.61 2.23 -2.24	22.66 1.18 -7.66	21.69 1.62 0.00	23.99 1.42 -4.07	22.52 1.25 -4.59	23.97 1.24 -6.10	28.24 0.65 -18.75	29.28 1.44 -11.37	34.71 2.47 -5.65	37.06 2.93 -5.34	277.71 3.92 -231.57	295.59 3.55 -253.21	400.47 2.68 -369.01	71.28 1.95 -42.77	37.95 1.81 -12.77	24.31 1.73 0.00	23.05 1.53 -0.54
LITTLE FALLS____HYD 24013	24.98 0.33 -0.17	22.36 0.32 -0.20	18.27 0.22 -0.16	-1.67 -0.03 -0.83	-3.78 -0.05 -0.98	-3.28 -0.04 -0.93	0.65 0.00 -0.95	25.57 0.36 -0.07	14.17 0.13 -0.23	20.23 0.16 0.00	18.79 0.18 -0.12	16.98 0.16 -0.14	17.06 0.25 -0.19	9.52 0.10 -0.57	17.01 0.20 -0.34	27.37 0.62 -0.17	29.63 0.75 -0.09	43.43 1.21 0.00	40.00 1.16 -0.02	29.40 0.62 0.00	27.26 0.67 -0.02	23.99 0.61 0.00	23.09 0.51 0.00	21.38 0.38 -0.02
LITTLRIV_115KV_TB1 356100	24.87 0.11 -0.28	21.42 -0.74 -0.32	17.17 -0.97 -0.26	-0.95 0.18 -1.34	-2.77 0.35 -1.58	-2.35 0.31 -1.51	1.26 0.02 -1.54	23.75 -1.51 -0.11	13.17 -1.02 -0.38	18.35 -1.73 0.00	16.70 -1.99 -0.20	15.35 -1.55 -0.22	15.56 -1.37 -0.30	9.20 -0.57 -0.92	16.24 -0.79 -0.56	26.50 -0.36 -0.28	28.52 -0.41 -0.15	41.40 -0.82 0.00	37.73 -1.13 -0.03	28.88 0.10 0.00	26.86 0.26 -0.04	22.66 -0.72 0.00	21.61 -0.97 0.00	20.35 -0.66 -0.03
LI_NEWBRDGE____DRP 323616	31.80 1.63 -5.70	29.73 1.38 -6.50	24.41 1.15 -5.38	24.73 -0.16 -27.35	27.28 -0.29 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.04 1.66 -2.24	22.34 0.86 -7.66	21.32 1.25 0.00	23.71 1.15 -4.07	22.30 1.04 -4.59	23.76 1.03 -6.10	28.13 0.54 -18.75	28.97 1.13 -11.37	34.16 1.92 -5.65	36.36 2.22 -5.36	45.07 2.85 0.00	42.13 2.64 -0.66	30.73 1.95 0.00	28.80 1.43 -0.81	24.77 1.39 0.00	23.88 1.30 0.00	22.67 1.15 -0.54
LOCKPORT_115KV_TB60_63_64 80432	24.61 -1.20 -1.34	22.61 -0.76 -1.53	18.70 -0.45 -1.26	4.00 0.06 -6.41	2.93 0.07 -7.57	3.10 0.08 -7.19	7.06 0.00 -7.35	24.68 -0.99 -0.52	15.23 -0.38 -1.80	19.64 -0.44 0.00	19.04 -0.40 -0.96	17.37 -0.39 -1.08	17.59 -0.47 -1.43	12.86 -0.38 -4.40	18.26 -0.87 -2.67	26.32 -1.58 -1.32	28.00 -1.49 -0.71	40.51 -1.71 0.00	37.18 -1.80 -0.15	26.94 -1.83 0.00	25.11 -1.63 -0.19	22.07 -1.31 0.00	21.47 -1.11 0.00	20.25 -0.86 -0.13

LOCKPORT___CC1 323769	24.63 -1.19 -1.34	22.62 -0.75 -1.53	18.71 -0.44 -1.27	4.02 0.06 -6.43	2.95 0.07 -7.59	3.13 0.07 -7.21	7.09 0.00 -7.37	24.68 -0.99 -0.52	15.23 -0.38 -1.80	19.64 -0.44 0.00	19.05 -0.40 -0.96	17.37 -0.39 -1.08	17.58 -0.48 -1.44	12.87 -0.38 -4.41	18.27 -0.87 -2.67	26.33 -1.58 -1.33	28.00 -1.50 -0.71	40.50 -1.72 0.00	37.18 -1.80 -0.15	26.94 -1.84 0.00	25.11 -1.64 -0.19	22.06 -1.32 0.00	21.47 -1.11 0.00	20.24 -0.87 -0.13
LOCKPORT___CC2 323770	24.63 -1.19 -1.34	22.62 -0.75 -1.53	18.71 -0.44 -1.27	4.02 0.06 -6.43	2.95 0.07 -7.59	3.13 0.07 -7.21	7.09 0.00 -7.37	24.68 -0.99 -0.52	15.23 -0.38 -1.80	19.64 -0.44 0.00	19.05 -0.40 -0.96	17.37 -0.39 -1.08	17.58 -0.48 -1.44	12.87 -0.38 -4.41	18.27 -0.87 -2.67	26.33 -1.58 -1.33	28.00 -1.50 -0.71	40.50 -1.72 0.00	37.18 -1.80 -0.15	26.94 -1.84 0.00	25.11 -1.64 -0.19	22.06 -1.32 0.00	21.47 -1.11 0.00	20.24 -0.87 -0.13
LOCKPORT___CC3 323771	24.63 -1.19 -1.34	22.62 -0.75 -1.53	18.71 -0.44 -1.27	4.02 0.06 -6.43	2.95 0.07 -7.59	3.13 0.07 -7.21	7.09 0.00 -7.37	24.68 -0.99 -0.52	15.23 -0.38 -1.80	19.64 -0.44 0.00	19.05 -0.40 -0.96	17.37 -0.39 -1.08	17.58 -0.48 -1.44	12.87 -0.38 -4.41	18.27 -0.87 -2.67	26.33 -1.58 -1.33	28.00 -1.50 -0.71	40.50 -1.72 0.00	37.18 -1.80 -0.15	26.94 -1.84 0.00	25.11 -1.64 -0.19	22.06 -1.32 0.00	21.47 -1.11 0.00	20.24 -0.87 -0.13
LONG_LAKE_PHOENIX 24014	25.11 -0.36 -1.01	22.69 -0.30 -1.15	18.60 -0.23 -0.95	2.38 0.03 -4.82	1.03 0.05 -5.69	1.29 0.04 -5.41	5.24 0.00 -5.53	25.24 -0.29 -0.39	15.03 -0.13 -1.35	19.91 -0.17 0.00	19.08 -0.12 -0.72	17.35 -0.13 -0.81	17.55 -0.15 -1.08	12.06 -0.09 -3.31	18.27 -0.20 -2.01	27.18 -0.39 -1.00	28.91 -0.41 -0.54	41.66 -0.56 0.00	38.39 -0.55 -0.12	28.28 -0.49 0.00	26.28 -0.42 -0.14	23.05 -0.33 0.00	22.26 -0.32 0.00	20.78 -0.29 -0.09
LOVETT___3 23632	31.33 1.30 -5.56	29.38 1.20 -6.34	24.10 0.97 -5.24	24.06 -0.13 -26.66	26.50 -0.25 -31.46	25.52 -0.22 -29.91	30.26 -0.02 -30.57	28.69 1.37 -2.18	22.01 0.72 -7.47	21.14 1.07 0.00	23.48 1.02 -3.97	22.07 0.93 -4.47	23.49 0.92 -5.95	27.59 0.46 -18.28	28.44 0.88 -11.09	33.54 1.44 -5.51	33.35 1.60 -2.96	44.54 2.32 0.00	41.73 2.27 -0.64	30.42 1.64 0.00	28.75 1.41 -0.79	24.70 1.32 0.00	23.82 1.25 0.00	22.61 1.10 -0.52
LOVETT___4 23642	31.33 1.30 -5.56	29.38 1.20 -6.34	24.10 0.97 -5.24	24.06 -0.13 -26.66	26.50 -0.25 -31.46	25.52 -0.22 -29.91	30.26 -0.02 -30.57	28.69 1.37 -2.18	22.01 0.72 -7.47	21.14 1.07 0.00	23.48 1.02 -3.97	22.07 0.93 -4.47	23.49 0.92 -5.95	27.59 0.46 -18.28	28.44 0.88 -11.09	33.54 1.44 -5.51	33.35 1.60 -2.96	44.54 2.32 0.00	41.73 2.27 -0.64	30.42 1.64 0.00	28.75 1.41 -0.79	24.70 1.32 0.00	23.82 1.25 0.00	22.61 1.10 -0.52
LOVETT___5 23593	31.33 1.30 -5.56	29.38 1.20 -6.34	24.10 0.97 -5.24	24.06 -0.13 -26.66	26.50 -0.25 -31.46	25.52 -0.22 -29.91	30.26 -0.02 -30.57	28.69 1.37 -2.18	22.01 0.72 -7.47	21.14 1.07 0.00	23.48 1.02 -3.97	22.07 0.93 -4.47	23.49 0.92 -5.95	27.59 0.46 -18.28	28.44 0.88 -11.09	33.54 1.44 -5.51	33.35 1.60 -2.96	44.54 2.32 0.00	41.73 2.27 -0.64	30.42 1.64 0.00	28.75 1.41 -0.79	24.70 1.32 0.00	23.82 1.25 0.00	22.61 1.10 -0.52
LOWER RAQUET___HYD 24057	24.60 -0.16 -0.29	21.21 -0.95 -0.33	17.02 -1.13 -0.27	-0.90 0.20 -1.37	-2.69 0.39 -1.62	-2.28 0.35 -1.54	1.30 0.02 -1.57	23.51 -1.75 -0.11	13.06 -1.14 -0.39	18.17 -1.91 0.00	16.53 -2.16 -0.20	15.19 -1.72 -0.23	15.42 -1.51 -0.30	9.16 -0.63 -0.94	16.10 -0.93 -0.57	26.23 -0.63 -0.28	28.19 -0.75 -0.15	40.88 -1.34 0.00	37.27 -1.59 -0.03	28.56 -0.22 0.00	26.50 -0.10 -0.04	22.38 -1.00 0.00	21.37 -1.21 0.00	20.14 -0.86 -0.03
LOWER___HUDSON 24059	32.23 0.86 -6.90	30.46 0.75 -7.87	25.02 0.63 -6.51	30.55 -0.08 -33.11	34.19 -0.16 -39.06	32.83 -0.15 -37.14	37.65 -0.01 -37.96	28.74 0.89 -2.71	23.57 0.48 -9.28	20.76 0.69 0.00	24.08 0.66 -4.93	22.82 0.59 -5.55	24.63 0.61 -7.39	31.87 0.33 -22.70	30.88 0.64 -13.76	34.48 1.06 -6.84	33.57 1.11 -3.68	43.94 1.72 0.00	41.23 1.61 -0.80	29.95 1.17 0.00	28.62 1.08 -0.98	24.30 0.92 0.00	23.51 0.93 0.00	22.48 0.84 -0.65
LOWVILLE_115KV_TB2 356335	24.47 -0.46 -0.45	21.67 -0.67 -0.51	17.61 -0.69 -0.42	-0.22 0.10 -2.15	-1.97 0.20 -2.53	-1.58 0.18 -2.41	2.18 0.01 -2.46	24.54 -0.78 -0.17	13.94 -0.47 -0.60	19.17 -0.90 0.00	17.76 -1.05 -0.32	16.20 -0.84 -0.36	16.54 -0.56 -0.48	10.22 -0.09 -1.47	17.19 -0.17 -0.89	27.03 0.01 -0.44	29.23 0.21 -0.24	42.37 0.15 0.00	38.65 -0.23 -0.05	28.95 0.17 0.00	26.95 0.33 -0.06	23.18 -0.20 0.00	22.32 -0.26 0.00	20.93 -0.10 -0.04
LUTHERFT_115KV_GLOB_FND_222 355753	32.79 1.31 -7.01	31.01 1.17 -8.00	25.47 0.97 -6.62	31.05 -0.13 -33.65	34.75 -0.25 -39.71	33.36 -0.22 -37.75	38.28 -0.02 -38.59	29.27 1.38 -2.75	23.98 0.73 -9.43	21.11 1.03 0.00	24.46 0.96 -5.01	23.18 0.86 -5.65	25.06 0.92 -7.51	32.41 0.49 -23.07	31.40 0.94 -13.99	35.08 1.55 -6.96	34.20 1.68 -3.74	44.76 2.54 0.00	41.96 2.33 -0.81	30.43 1.66 0.00	29.03 1.48 -0.99	24.63 1.25 0.00	23.86 1.28 0.00	22.83 1.18 -0.66
LUTHERNY_35_KV_BK2 355980	32.80 1.31 -7.01	31.03 1.19 -8.00	25.48 0.98 -6.62	31.05 -0.13 -33.65	34.75 -0.25 -39.71	33.36 -0.23 -37.75	38.28 -0.01 -38.59	29.29 1.39 -2.75	23.99 0.74 -9.43	21.11 1.04 0.00	24.46 0.96 -5.01	23.19 0.87 -5.65	25.07 0.93 -7.51	32.41 0.50 -23.07	31.41 0.95 -13.99	35.11 1.57 -6.96	34.22 1.70 -3.74	44.82 2.60 0.00	42.00 2.36 -0.81	30.46 1.68 0.00	29.06 1.50 -0.99	24.66 1.28 0.00	23.88 1.30 0.00	22.84 1.20 -0.66
LWR___OSWEGATCHIE_HYD 23850	24.37 -0.48 -0.38	21.28 -1.00 -0.44	17.17 -1.07 -0.36	-0.47 0.17 -1.84	-2.21 0.34 -2.17	-1.81 0.30 -2.06	1.83 0.02 -2.11	23.82 -1.48 -0.15	13.40 -0.93 -0.51	18.49 -1.58 0.00	16.99 -1.77 -0.27	15.57 -1.41 -0.31	15.87 -1.16 -0.41	9.67 -0.43 -1.26	16.53 -0.71 -0.76	26.43 -0.53 -0.38	28.49 -0.50 -0.20	41.29 -0.93 0.00	37.67 -1.21 -0.04	28.59 -0.19 0.00	26.53 -0.08 -0.05	22.60 -0.78 0.00	21.66 -0.92 0.00	20.36 -0.66 -0.04
LYONS_FALL_HYD 23570	24.77 -0.12 -0.42	22.03 -0.29 -0.48	17.95 -0.33 -0.40	-0.40 0.05 -2.02	-2.23 0.10 -2.38	-1.81 0.09 -2.27	2.02 0.00 -2.31	25.00 -0.31 -0.16	14.18 -0.20 -0.57	19.66 -0.41 0.00	18.27 -0.52 -0.30	16.62 -0.39 -0.34	16.85 -0.22 -0.45	10.23 0.00 -1.39	17.34 0.03 -0.84	27.25 0.25 -0.42	29.43 0.42 -0.22	42.74 0.52 0.00	39.09 0.21 -0.05	29.11 0.33 0.00	27.08 0.46 -0.06	23.46 0.08 0.00	22.59 0.01 0.00	21.12 0.09 -0.04
MADISON___COUNTY_LFGE 323628	25.60 0.46 -0.67	22.99 0.39 -0.76	18.81 0.30 -0.63	0.69 -0.04 -3.20	-1.01 -0.08 -3.78	-0.64 -0.07 -3.59	3.37 0.00 -3.67	25.94 0.53 -0.26	15.01 0.30 -0.90	20.50 0.43 0.00	19.36 0.39 -0.48	17.57 0.36 -0.54	17.69 0.34 -0.72	11.20 0.16 -2.20	18.18 0.38 -1.33	27.99 0.75 -0.66	30.02 0.88 -0.36	43.45 1.23 0.00	39.93 1.03 -0.08	29.46 0.68 0.00	27.38 0.73 -0.09	23.95 0.57 0.00	23.09 0.51 0.00	21.52 0.48 -0.06

MALONE___115KV_TB1 356076	24.72 0.01 -0.24	21.20 -0.91 -0.27	17.01 -1.10 -0.22	-1.14 0.20 -1.13	-2.96 0.41 -1.34	-2.54 0.36 -1.27	1.03 0.03 -1.30	23.39 -1.85 -0.09	12.88 -1.26 -0.32	17.95 -2.13 0.00	16.27 -2.39 -0.17	14.93 -1.93 -0.19	15.18 -1.70 -0.25	8.95 -0.67 -0.78	16.03 -0.91 -0.47	26.44 -0.38 -0.23	28.40 -0.51 -0.13	41.33 -0.89 0.00	37.72 -1.13 -0.03	28.86 0.08 0.00	26.53 -0.06 -0.03	22.44 -0.93 0.00	21.41 -1.17 0.00	20.27 -0.74 -0.02
MAPLEWOD_115KV_TB3 80458	31.99 0.65 -6.86	30.25 0.57 -7.83	24.86 0.50 -6.48	30.42 -0.07 -32.96	34.05 -0.13 -38.89	32.69 -0.11 -36.97	37.49 -0.01 -37.79	28.53 0.69 -2.69	23.44 0.39 -9.24	20.63 0.56 0.00	23.94 0.54 -4.91	22.70 0.50 -5.53	24.48 0.50 -7.36	31.70 0.26 -22.59	30.67 0.51 -13.70	34.23 0.83 -6.81	33.34 0.90 -3.66	43.60 1.38 0.00	40.95 1.33 -0.79	29.75 0.98 0.00	28.41 0.88 -0.97	24.13 0.75 0.00	23.32 0.74 0.00	22.29 0.67 -0.65
MAPLE_RIDGE_WT_1 323574	24.21 -0.41 -0.14	21.33 -0.66 -0.16	17.30 -0.70 -0.13	-1.70 0.11 -0.66	-3.70 0.23 -0.77	-3.23 0.20 -0.73	0.47 0.01 -0.75	24.18 -1.02 -0.05	13.36 -0.64 -0.18	19.00 -1.08 0.00	17.41 -1.17 -0.10	15.81 -0.98 -0.11	15.91 -0.86 -0.15	8.96 -0.33 -0.45	16.22 -0.52 -0.27	26.20 -0.52 -0.14	28.26 -0.59 -0.07	41.15 -1.07 0.00	37.65 -1.20 -0.02	28.37 -0.41 0.00	26.31 -0.27 -0.02	22.71 -0.67 0.00	21.83 -0.75 0.00	20.43 -0.56 -0.01
MAPLE_RIDGE_WT_2 323611	24.21 -0.41 -0.14	21.33 -0.66 -0.16	17.30 -0.70 -0.13	-1.70 0.11 -0.66	-3.70 0.23 -0.77	-3.23 0.20 -0.73	0.47 0.01 -0.75	24.18 -1.02 -0.05	13.36 -0.64 -0.18	19.00 -1.08 0.00	17.41 -1.17 -0.10	15.81 -0.98 -0.11	15.91 -0.86 -0.15	8.96 -0.33 -0.45	16.22 -0.52 -0.27	26.20 -0.52 -0.14	28.26 -0.59 -0.07	41.15 -1.07 0.00	37.65 -1.20 -0.02	28.37 -0.41 0.00	26.31 -0.27 -0.02	22.71 -0.67 0.00	21.83 -0.75 0.00	20.43 -0.56 -0.01
MARBLE_RIVER_WT_PWR 323696	24.39 -0.30 -0.21	20.87 -1.21 -0.24	16.75 -1.33 -0.20	-1.22 0.23 -1.02	-3.03 0.48 -1.20	-2.61 0.42 -1.14	0.90 0.03 -1.17	22.93 -2.30 -0.08	12.54 -1.56 -0.28	17.52 -2.55 0.00	15.83 -2.81 -0.15	14.54 -2.31 -0.17	14.80 -2.06 -0.23	8.70 -0.84 -0.70	15.67 -1.22 -0.42	26.03 -0.76 -0.21	27.99 -0.91 -0.11	40.71 -1.51 0.00	37.17 -1.68 -0.03	28.48 -0.30 0.00	26.08 -0.51 -0.03	22.07 -1.31 0.00	21.07 -1.51 0.00	19.99 -1.01 -0.02
MARSHVLE_115KV_TB1 80742	34.29 1.26 -8.55	32.67 1.07 -9.76	26.85 0.90 -8.07	38.45 -0.12 -41.03	43.48 -0.22 -48.41	41.67 -0.20 -46.03	46.74 -0.01 -47.05	29.78 1.28 -3.35	25.98 0.67 -11.50	20.92 0.84 0.00	25.33 0.74 -6.11	24.24 0.68 -6.88	26.52 0.74 -9.16	37.45 0.48 -28.13	34.29 0.76 -17.06	36.46 1.39 -8.48	35.02 1.68 -4.56	44.61 2.39 0.00	41.93 2.12 -0.99	30.42 1.64 0.00	29.21 1.43 -1.21	24.55 1.17 0.00	23.65 1.07 0.00	22.77 0.98 -0.81
MARSH_HILL_WT_PWR 323713	24.59 -1.49 -1.60	22.66 -1.00 -1.83	18.68 -0.71 -1.51	5.34 0.12 -7.69	4.55 0.18 -9.08	4.59 0.12 -8.63	8.54 0.02 -8.82	24.76 -1.02 -0.63	15.60 -0.37 -2.16	19.48 -0.59 0.00	18.97 -0.67 -1.15	17.14 -0.82 -1.29	17.26 -1.09 -1.72	13.36 -0.76 -5.27	18.13 -1.53 -3.20	25.96 -2.21 -1.59	28.16 -1.48 -0.85	41.10 -1.12 0.00	38.11 -0.90 -0.18	28.15 -0.63 0.00	26.11 -0.68 -0.23	23.13 -0.25 0.00	22.36 -0.22 0.00	20.95 -0.18 -0.15
MCINTYRE_115KV_TB2 80467	24.99 0.24 -0.27	21.50 -0.65 -0.31	17.22 -0.91 -0.25	-1.00 0.17 -1.30	-2.84 0.34 -1.53	-2.41 0.30 -1.45	1.21 0.02 -1.49	23.82 -1.43 -0.11	13.19 -0.99 -0.36	18.38 -1.69 0.00	16.72 -1.96 -0.19	15.38 -1.51 -0.22	15.57 -1.35 -0.29	9.17 -0.57 -0.89	16.25 -0.76 -0.54	26.55 -0.30 -0.27	28.61 -0.32 -0.14	41.55 -0.67 0.00	37.85 -1.01 -0.03	29.04 0.26 0.00	26.99 0.40 -0.04	22.74 -0.64 0.00	21.68 -0.90 0.00	20.41 -0.60 -0.03
MECO___69_KV_BK1 80468	34.25 1.64 -8.14	32.51 1.39 -9.29	26.73 1.17 -7.68	36.43 -0.15 -39.06	41.07 -0.30 -46.08	39.38 -0.26 -43.81	44.47 -0.02 -44.78	30.00 1.66 -3.19	25.39 0.63 -10.94	20.58 0.51 0.00	25.03 0.73 -5.81	24.04 0.81 -6.55	26.36 1.02 -8.72	36.22 0.60 -26.78	33.78 1.07 -16.24	36.78 2.13 -8.07	35.57 2.45 -4.34	45.71 3.49 0.00	42.95 3.19 -0.94	30.93 2.15 0.00	29.73 2.02 -1.15	25.04 1.66 0.00	24.15 1.57 0.00	23.17 1.41 -0.77
MENANDS__115KV_TB5 355628	31.82 0.50 -6.85	30.10 0.44 -7.82	24.74 0.39 -6.47	30.38 -0.05 -32.90	34.01 -0.10 -38.82	32.65 -0.09 -36.90	37.42 0.00 -37.72	28.37 0.53 -2.69	23.34 0.31 -9.22	20.53 0.46 0.00	23.84 0.45 -4.90	22.61 0.42 -5.52	24.37 0.40 -7.34	31.60 0.20 -22.55	30.55 0.41 -13.68	34.05 0.67 -6.80	33.14 0.70 -3.65	43.29 1.07 0.00	40.67 1.06 -0.79	29.57 0.79 0.00	28.24 0.71 -0.97	23.98 0.60 0.00	23.18 0.60 0.00	22.17 0.54 -0.65
MG INDUSTRY___DRP 24185	31.75 0.48 -6.79	30.04 0.44 -7.75	24.67 0.38 -6.41	30.09 -0.05 -32.61	33.67 -0.10 -38.48	32.33 -0.09 -36.58	37.09 -0.01 -37.39	28.33 0.52 -2.67	23.24 0.29 -9.14	20.51 0.43 0.00	23.76 0.42 -4.86	22.54 0.39 -5.47	24.27 0.37 -7.28	31.39 0.19 -22.36	30.40 0.37 -13.56	33.93 0.61 -6.74	33.06 0.65 -3.62	43.19 0.97 0.00	40.57 0.96 -0.79	29.48 0.71 0.00	28.16 0.63 -0.96	23.93 0.55 0.00	23.13 0.55 0.00	22.11 0.49 -0.64
MID___OSWEGATCHIE_HYD 23849	24.37 -0.48 -0.38	21.28 -1.00 -0.44	17.17 -1.07 -0.36	-0.47 0.17 -1.84	-2.21 0.34 -2.17	-1.81 0.30 -2.06	1.83 0.02 -2.11	23.82 -1.48 -0.15	13.40 -0.93 -0.51	18.49 -1.58 0.00	16.99 -1.77 -0.27	15.57 -1.41 -0.31	15.87 -1.16 -0.41	9.67 -0.43 -1.26	16.53 -0.71 -0.76	26.43 -0.53 -0.38	28.49 -0.50 -0.20	41.29 -0.93 0.00	37.67 -1.21 -0.04	28.59 -0.19 0.00	26.53 -0.08 -0.05	22.60 -0.78 0.00	21.66 -0.92 0.00	20.36 -0.66 -0.04
MID___RAQUETTE_HYD 23851	24.60 -0.16 -0.29	21.21 -0.95 -0.33	17.02 -1.13 -0.27	-0.90 0.20 -1.37	-2.69 0.39 -1.62	-2.28 0.35 -1.54	1.30 0.02 -1.57	23.51 -1.75 -0.11	13.06 -1.14 -0.39	18.17 -1.91 0.00	16.53 -2.16 -0.20	15.19 -1.72 -0.23	15.42 -1.51 -0.30	9.16 -0.63 -0.94	16.10 -0.94 -0.57	26.23 -0.63 -0.28	28.19 -0.75 -0.15	40.88 -1.34 0.00	37.26 -1.59 -0.03	28.56 -0.22 0.00	26.50 -0.10 -0.04	22.38 -1.00 0.00	21.37 -1.21 0.00	20.14 -0.87 -0.03
MILLIKEN___1 23584	26.65 0.49 -1.69	24.24 0.47 -1.93	19.88 0.41 -1.59	5.57 -0.06 -8.10	4.72 -0.12 -9.55	4.81 -0.11 -9.08	8.98 -0.01 -9.28	26.47 0.66 -0.66	16.49 0.40 -2.27	20.63 0.55 0.00	20.22 0.52 -1.21	18.49 0.45 -1.36	18.82 0.39 -1.81	14.57 0.17 -5.55	20.13 0.30 -3.37	28.82 0.56 -1.67	30.39 0.71 -0.90	43.39 1.17 0.00	40.12 1.10 -0.19	29.46 0.68 0.00	27.46 0.66 -0.24	24.02 0.63 0.00	23.16 0.59 0.00	21.67 0.53 -0.16
MILLIKEN___2 23585	26.65 0.49 -1.69	24.24 0.47 -1.93	19.88 0.41 -1.59	5.57 -0.06 -8.10	4.72 -0.12 -9.55	4.81 -0.11 -9.08	8.98 -0.01 -9.28	26.47 0.66 -0.66	16.49 0.40 -2.27	20.63 0.55 0.00	20.22 0.52 -1.21	18.49 0.45 -1.36	18.82 0.39 -1.81	14.57 0.17 -5.55	20.13 0.30 -3.37	28.82 0.56 -1.67	30.39 0.71 -0.90	43.39 1.17 0.00	40.12 1.10 -0.19	29.46 0.68 0.00	27.46 0.66 -0.24	24.02 0.63 0.00	23.16 0.59 0.00	21.67 0.53 -0.16

MILLIKEN___DIESEL 23629	26.65 0.49 -1.69	24.24 0.47 -1.93	19.88 0.41 -1.59	5.57 -0.06 -8.10	4.72 -0.12 -9.55	4.81 -0.11 -9.08	8.98 -0.01 -9.28	26.47 0.66 -0.66	16.49 0.40 -2.27	20.63 0.55 0.00	20.22 0.52 -1.21	18.49 0.45 -1.36	18.82 0.39 -1.81	14.57 0.17 -5.55	20.13 0.30 -3.37	28.82 0.56 -1.67	30.39 0.71 -0.90	43.39 1.17 0.00	40.12 1.10 -0.19	29.46 0.68 0.00	27.46 0.66 -0.24	24.02 0.63 0.00	23.16 0.59 0.00	21.67 0.53 -0.16
MILLSEAT___LFGE 323607	24.89 -0.92 -1.34	22.85 -0.51 -1.53	18.90 -0.24 -1.26	3.97 0.03 -6.41	2.88 0.02 -7.56	3.06 0.03 -7.19	7.06 0.00 -7.35	24.99 -0.68 -0.52	15.39 -0.22 -1.80	19.89 -0.18 0.00	19.29 -0.15 -0.95	17.55 -0.20 -1.08	17.78 -0.28 -1.43	12.96 -0.28 -4.40	18.40 -0.73 -2.66	26.76 -1.14 -1.32	28.68 -0.80 -0.70	41.58 -0.64 0.00	38.19 -0.79 -0.15	27.71 -1.07 0.00	25.80 -0.94 -0.19	22.64 -0.74 0.00	21.98 -0.60 0.00	20.68 -0.43 -0.12
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.35 1.20 -5.67	29.42 1.12 -6.47	24.15 0.91 -5.35	24.61 -0.13 -27.21	27.16 -0.23 -32.10	26.14 -0.21 -30.52	30.88 -0.01 -31.20	28.66 1.29 -2.22	22.11 0.67 -7.62	21.08 1.00 0.00	23.49 0.95 -4.05	22.10 0.86 -4.56	23.55 0.86 -6.07	27.92 0.43 -18.65	28.60 0.82 -11.31	33.54 1.33 -5.63	33.29 1.49 -3.02	44.36 2.14 0.00	41.59 2.10 -0.65	30.31 1.54 0.00	28.67 1.30 -0.80	24.61 1.23 0.00	23.74 1.16 0.00	22.54 1.02 -0.54
MILLWOOD_13_KV_LOAD 356217	31.40 1.26 -5.67	29.48 1.17 -6.47	24.18 0.95 -5.35	24.61 -0.13 -27.21	27.15 -0.24 -32.10	26.13 -0.22 -30.52	30.88 -0.02 -31.20	28.72 1.35 -2.22	22.15 0.71 -7.62	21.12 1.05 0.00	23.53 0.99 -4.05	22.15 0.91 -4.56	23.59 0.89 -6.07	27.95 0.45 -18.65	28.64 0.86 -11.31	33.61 1.41 -5.63	33.39 1.58 -3.02	44.49 2.28 0.00	41.71 2.23 -0.65	30.39 1.62 0.00	28.75 1.38 -0.80	24.67 1.29 0.00	23.80 1.22 0.00	22.59 1.07 -0.54
MODEL_CITY_ENERGY 24167	24.38 -1.44 -1.34	22.40 -0.97 -1.53	18.55 -0.60 -1.27	4.06 0.08 -6.45	3.02 0.12 -7.61	3.19 0.12 -7.24	7.11 0.00 -7.40	24.43 -1.24 -0.53	15.09 -0.53 -1.81	19.43 -0.65 0.00	18.85 -0.60 -0.96	17.21 -0.55 -1.08	17.43 -0.64 -1.44	12.80 -0.47 -4.42	18.11 -1.03 -2.68	26.04 -1.87 -1.33	27.65 -1.85 -0.71	39.98 -2.24 0.00	36.71 -2.27 -0.15	26.61 -2.17 0.00	24.79 -1.96 -0.19	21.79 -1.59 0.00	21.21 -1.37 0.00	20.00 -1.10 -0.13
MODERN_LFGE___ 323580	24.38 -1.44 -1.34	22.40 -0.97 -1.53	18.55 -0.60 -1.27	4.06 0.08 -6.45	3.02 0.12 -7.61	3.19 0.12 -7.24	7.11 0.00 -7.40	24.43 -1.24 -0.53	15.09 -0.53 -1.81	19.43 -0.65 0.00	18.85 -0.60 -0.96	17.21 -0.55 -1.08	17.43 -0.64 -1.44	12.80 -0.47 -4.42	18.11 -1.03 -2.68	26.04 -1.87 -1.33	27.65 -1.85 -0.71	39.98 -2.24 0.00	36.71 -2.27 -0.15	26.61 -2.17 0.00	24.79 -1.96 -0.19	21.79 -1.59 0.00	21.21 -1.37 0.00	20.00 -1.10 -0.13
MOHAWK_PAPER___DRP 24187	31.99 0.65 -6.86	30.25 0.57 -7.83	24.86 0.50 -6.48	30.42 -0.07 -32.96	34.05 -0.13 -38.89	32.69 -0.11 -36.97	37.49 -0.01 -37.79	28.53 0.69 -2.69	23.44 0.39 -9.24	20.63 0.56 0.00	23.94 0.54 -4.91	22.70 0.50 -5.53	24.48 0.50 -7.36	31.70 0.26 -22.59	30.67 0.51 -13.70	34.23 0.83 -6.81	33.34 0.90 -3.66	43.60 1.38 0.00	40.95 1.33 -0.79	29.75 0.98 0.00	28.41 0.88 -0.97	24.13 0.75 0.00	23.32 0.74 0.00	22.29 0.67 -0.65
MOHICAN___35_KV_115KV_LD 80490	33.21 1.72 -7.02	31.37 1.52 -8.01	25.76 1.25 -6.62	31.05 -0.17 -33.68	34.71 -0.32 -39.74	33.33 -0.29 -37.78	38.31 -0.02 -38.62	29.65 1.75 -2.75	24.17 0.92 -9.44	21.44 1.37 0.00	24.72 1.22 -5.02	23.40 1.08 -5.65	25.29 1.15 -7.52	32.56 0.62 -23.09	31.67 1.20 -14.00	35.50 1.96 -6.96	34.65 2.12 -3.74	45.41 3.19 0.00	42.49 2.85 -0.81	30.71 1.93 0.00	29.25 1.70 -1.00	24.81 1.43 0.00	24.15 1.57 0.00	23.12 1.48 -0.66
MONGAUP___HYD 23641	30.86 1.22 -5.16	28.88 1.14 -5.89	23.61 0.86 -4.87	22.18 -0.13 -24.78	24.30 -0.23 -29.24	23.41 -0.21 -27.80	28.10 -0.02 -28.41	28.54 1.37 -2.03	21.42 0.66 -6.94	20.88 0.80 0.00	22.86 0.68 -3.69	21.39 0.55 -4.16	22.71 0.56 -5.53	26.20 0.36 -16.99	27.45 0.68 -10.30	32.80 1.10 -5.12	32.99 1.45 -2.75	44.29 2.07 0.00	41.46 2.04 -0.60	30.28 1.50 0.00	28.68 1.39 -0.73	24.61 1.23 0.00	23.72 1.14 0.00	22.51 1.04 -0.49
MONTAUK___DIESEL 23721	33.12 2.94 -5.70	30.84 2.50 -6.50	25.38 2.12 -5.38	24.60 -0.29 -27.35	27.03 -0.53 -32.27	26.02 -0.50 -30.68	31.03 -0.04 -31.36	30.50 3.12 -2.24	23.13 1.66 -7.66	22.36 2.29 0.00	24.57 2.01 -4.07	23.02 1.76 -4.59	24.47 1.74 -6.10	28.51 0.91 -18.75	29.80 1.96 -11.37	35.60 3.36 -5.65	38.12 3.99 -5.35	280.46 5.31 -232.93	298.27 4.76 -254.69	403.86 3.92 -371.17	72.49 2.92 -43.02	38.81 2.58 -12.84	25.02 2.44 0.00	23.69 2.17 -0.54
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.17 -0.73 -1.42	23.22 -0.24 -1.62	19.12 -0.10 -1.34	4.38 0.02 -6.83	3.34 -0.01 -8.06	3.46 -0.03 -7.66	7.53 0.00 -7.83	25.48 -0.23 -0.56	15.76 0.03 -1.91	20.16 0.09 0.00	19.47 -0.04 -1.02	17.47 -0.35 -1.15	17.77 -0.38 -1.52	13.23 -0.30 -4.68	18.88 -0.42 -2.84	27.39 -0.61 -1.41	29.36 -0.18 -0.76	42.61 0.39 0.00	39.07 0.08 -0.16	28.44 -0.34 0.00	26.36 -0.40 -0.20	23.28 -0.10 0.00	22.66 0.08 0.00	21.27 0.16 -0.13
MORTIMER_115KV_TB3 55949	25.26 -0.44 -1.23	23.02 -0.23 -1.40	18.95 -0.09 -1.16	3.45 0.00 -5.91	2.26 -0.01 -6.97	2.46 0.00 -6.63	6.48 0.00 -6.77	25.35 -0.28 -0.48	15.43 -0.04 -1.66	20.09 0.01 0.00	19.42 0.05 -0.88	17.68 0.01 -0.99	17.92 -0.03 -1.32	12.83 -0.07 -4.05	18.66 -0.27 -2.46	27.24 -0.56 -1.22	28.96 -0.48 -0.66	41.81 -0.41 0.00	38.45 -0.52 -0.14	28.06 -0.72 0.00	26.07 -0.66 -0.17	22.87 -0.51 0.00	22.16 -0.42 0.00	20.79 -0.31 -0.12
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.51 1.34 -5.70	29.57 1.22 -6.50	24.26 1.00 -5.38	24.75 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.39 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.23 0.96 -4.59	23.69 0.96 -6.10	28.07 0.47 -18.75	28.74 0.90 -11.37	33.69 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.46 1.68 0.00	28.80 1.43 -0.81	24.74 1.36 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
MUNSVILLE_WIND_PWR 323609	28.43 1.65 -2.31	25.91 1.44 -2.64	21.34 1.28 -2.18	8.45 -0.18 -11.09	8.03 -0.35 -13.09	7.96 -0.31 -12.44	12.41 -0.02 -12.72	28.08 2.02 -0.91	18.09 1.17 -3.11	21.72 1.65 0.00	21.70 1.56 -1.65	19.71 1.17 -1.86	20.12 1.01 -2.48	16.99 0.54 -7.60	22.02 0.94 -4.61	30.81 1.94 -2.29	32.59 2.57 -1.23	46.14 3.92 0.00	42.77 3.68 -0.27	31.31 2.54 0.00	29.48 2.59 -0.33	25.66 2.28 0.00	24.60 2.02 0.00	22.96 1.76 -0.22
N SALMON___HYD 24042	24.72 0.01 -0.24	21.20 -0.91 -0.27	17.01 -1.10 -0.22	-1.14 0.20 -1.13	-2.96 0.41 -1.34	-2.54 0.36 -1.27	1.03 0.03 -1.30	23.39 -1.85 -0.09	12.88 -1.26 -0.32	17.95 -2.13 0.00	16.26 -2.39 -0.17	14.93 -1.93 -0.19	15.18 -1.70 -0.25	8.96 -0.67 -0.78	16.03 -0.91 -0.47	26.44 -0.38 -0.23	28.40 -0.51 -0.13	41.32 -0.89 0.00	37.72 -1.13 -0.03	28.86 0.08 0.00	26.53 -0.06 -0.03	22.44 -0.93 0.00	21.42 -1.16 0.00	20.27 -0.74 -0.02

N.AKRON__115KV_KNAPP 355671	24.86 -0.95 -1.34	22.83 -0.54 -1.52	18.87 -0.27 -1.26	3.97 0.03 -6.41	2.88 0.02 -7.56	3.06 0.03 -7.19	7.05 0.00 -7.35	24.97 -0.70 -0.52	15.38 -0.23 -1.80	19.87 -0.20 0.00	19.26 -0.18 -0.95	17.54 -0.22 -1.08	17.77 -0.29 -1.43	12.95 -0.28 -4.39	18.41 -0.72 -2.66	26.67 -1.23 -1.32	28.50 -0.99 -0.70	41.28 -0.93 0.00	37.91 -1.07 -0.15	27.47 -1.30 0.00	25.60 -1.15 -0.19	22.48 -0.90 0.00	21.84 -0.74 0.00	20.56 -0.55 -0.12
N.BELMOR_69_KV_BK1 55787	31.96 1.79 -5.70	29.86 1.52 -6.50	24.51 1.25 -5.38	24.71 -0.17 -27.35	27.25 -0.32 -32.27	26.23 -0.29 -30.68	31.05 -0.02 -31.36	29.19 1.81 -2.24	22.42 0.94 -7.66	21.44 1.36 0.00	23.82 1.26 -4.07	22.40 1.14 -4.59	23.86 1.13 -6.10	28.19 0.59 -18.75	29.07 1.23 -11.37	34.32 2.09 -5.65	35.93 2.41 -4.74	45.39 3.17 0.00	42.42 2.94 -0.66	30.96 2.18 0.00	29.00 1.64 -0.81	24.94 1.56 0.00	24.05 1.47 0.00	22.82 1.30 -0.54
N.E_GEN_SANDY PD 24062	31.63 0.84 -6.31	29.81 0.76 -7.20	24.70 0.64 -6.18	27.62 -0.08 -30.18	30.87 -0.16 -35.74	29.67 -0.15 -33.98	34.64 -0.01 -34.94	28.52 0.90 -2.48	22.78 0.48 -8.49	20.81 0.73 0.00	23.70 0.70 -4.51	22.39 0.63 -5.08	24.00 0.62 -6.76	29.94 0.33 -20.77	29.70 0.64 -12.59	33.89 1.05 -6.26	33.25 1.10 -3.36	43.90 1.68 0.00	41.21 1.65 -0.73	29.98 1.20 0.00	28.54 1.09 -0.90	24.34 0.96 0.00	23.74 0.94 -0.22	22.42 0.84 -0.60
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.28 1.27 -5.53	29.34 1.19 -6.31	24.07 0.97 -5.22	23.94 -0.13 -26.54	26.36 -0.24 -31.32	25.38 -0.22 -29.77	30.12 -0.02 -30.43	28.68 1.36 -2.17	21.96 0.71 -7.44	21.13 1.05 0.00	23.44 1.00 -3.95	22.03 0.91 -4.45	23.45 0.90 -5.92	27.49 0.45 -18.20	28.37 0.87 -11.03	33.48 1.41 -5.49	33.30 1.57 -2.95	44.48 2.27 0.00	41.69 2.22 -0.64	30.37 1.60 0.00	28.71 1.37 -0.78	24.67 1.29 0.00	23.80 1.23 0.00	22.58 1.08 -0.52
N.QUEENS_27_KV_LOAD 356247	31.58 1.40 -5.70	29.63 1.29 -6.50	24.34 1.08 -5.38	24.74 -0.14 -27.35	27.30 -0.27 -32.27	26.27 -0.24 -30.68	31.05 -0.02 -31.36	28.87 1.48 -2.24	22.25 0.77 -7.66	21.20 1.13 0.00	23.75 1.19 -4.07	22.29 1.02 -4.59	23.75 1.02 -6.10	28.08 0.49 -18.75	28.78 0.94 -11.37	33.76 1.52 -5.65	33.53 1.70 -3.04	44.61 2.39 0.00	41.86 2.37 -0.66	30.53 1.75 0.00	28.86 1.50 -0.81	24.81 1.43 0.00	23.90 1.32 0.00	22.72 1.20 -0.54
N.TROY___115KV_TB1 355778	32.23 0.86 -6.90	30.46 0.75 -7.87	25.02 0.63 -6.51	30.55 -0.08 -33.11	34.19 -0.16 -39.06	32.83 -0.15 -37.14	37.65 -0.01 -37.96	28.74 0.89 -2.71	23.57 0.48 -9.28	20.76 0.69 0.00	24.08 0.66 -4.93	22.82 0.59 -5.55	24.63 0.61 -7.39	31.87 0.33 -22.70	30.88 0.64 -13.76	34.48 1.06 -6.84	33.57 1.11 -3.68	43.94 1.72 0.00	41.24 1.61 -0.80	29.95 1.18 0.00	28.62 1.08 -0.98	24.30 0.92 0.00	23.51 0.93 0.00	22.47 0.84 -0.65
NARROWS_GT1_1 24228	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT1_2 24229	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT1_3 24230	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT1_4 24231	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT1_5 24232	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT1_6 24233	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT1_7 24234	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT1_8 24235	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT2_1 24236	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54

NARROWS_GT2_2 24237	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT2_3 24238	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT2_4 24239	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT2_5 24240	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT2_6 24241	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT2_7 24242	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NARROWS_GT2_8 24243	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.31 1.36 -6.48	30.46 1.23 -7.40	25.01 1.02 -6.12	28.49 -0.14 -31.10	31.72 -0.27 -36.70	30.49 -0.24 -34.89	35.35 -0.01 -35.66	29.21 1.52 -2.54	23.33 0.81 -8.72	21.09 1.02 0.00	24.04 0.93 -4.63	22.83 0.93 -5.22	24.58 1.01 -6.94	30.72 0.56 -21.32	30.42 1.02 -12.93	34.73 1.72 -6.43	34.23 1.99 -3.45	45.37 3.15 0.00	42.46 2.89 -0.75	30.81 2.03 0.00	29.34 1.87 -0.92	24.94 1.57 0.00	24.06 1.48 0.00	22.94 1.34 -0.61
NCHELSEA_115KV_TR2 355582	31.46 1.30 -5.69	29.53 1.20 -6.49	24.23 0.98 -5.37	24.68 -0.13 -27.29	27.23 -0.25 -32.20	26.22 -0.23 -30.61	30.97 -0.02 -31.29	28.78 1.41 -2.23	22.20 0.74 -7.65	21.15 1.08 0.00	23.56 1.01 -4.06	22.16 0.90 -4.58	23.61 0.89 -6.09	28.02 0.47 -18.71	28.71 0.90 -11.34	33.70 1.47 -5.64	33.48 1.67 -3.03	44.67 2.45 0.00	41.85 2.37 -0.66	30.49 1.72 0.00	28.85 1.48 -0.81	24.73 1.36 0.00	23.85 1.28 0.00	22.64 1.12 -0.54
NEG CAPITAL___MECHNVIL 23645	32.72 1.27 -6.97	30.94 1.14 -7.96	25.40 0.93 -6.58	30.89 -0.13 -33.48	34.56 -0.24 -39.50	33.18 -0.22 -37.56	38.08 -0.01 -38.39	29.22 1.34 -2.74	23.91 0.72 -9.38	21.09 1.01 0.00	24.41 0.94 -4.99	23.15 0.85 -5.62	25.01 0.91 -7.47	32.28 0.48 -22.96	31.32 0.93 -13.92	35.03 1.53 -6.92	34.18 1.68 -3.72	44.77 2.55 0.00	41.98 2.34 -0.80	30.44 1.66 0.00	29.05 1.50 -0.99	24.63 1.26 0.00	23.85 1.27 0.00	22.80 1.16 -0.66
NEG CENTRAL_HIGH_ACRES 23767	24.87 -0.83 -1.22	22.62 -0.61 -1.39	18.61 -0.42 -1.15	3.44 0.05 -5.86	2.29 0.09 -6.91	2.48 0.08 -6.57	6.43 0.01 -6.72	24.94 -0.69 -0.48	15.17 -0.28 -1.64	19.73 -0.34 0.00	19.09 -0.27 -0.87	17.37 -0.29 -0.98	17.59 -0.34 -1.31	12.63 -0.22 -4.02	18.40 -0.50 -2.44	26.88 -0.91 -1.21	28.56 -0.88 -0.65	41.17 -1.05 0.00	37.88 -1.09 -0.14	27.67 -1.10 0.00	25.73 -1.00 -0.17	22.55 -0.83 0.00	21.82 -0.76 0.00	20.44 -0.65 -0.11
NEG CENTRAL___DRP 24199	25.62 -0.13 -1.27	23.27 -0.01 -1.45	19.10 0.02 -1.20	3.62 0.00 -6.09	2.46 -0.02 -7.19	2.65 -0.03 -6.84	6.70 0.00 -6.99	25.73 0.08 -0.50	15.64 0.12 -1.71	20.26 0.19 0.00	19.56 0.17 -0.91	17.80 0.11 -1.02	18.01 0.02 -1.36	12.99 -0.04 -4.18	18.92 -0.08 -2.53	27.65 -0.19 -1.26	29.39 -0.08 -0.68	42.33 0.11 0.00	39.06 0.09 -0.15	28.72 -0.06 0.00	26.69 -0.05 -0.18	23.42 0.04 0.00	22.63 0.05 0.00	21.16 0.06 -0.12
NEG CENTRAL___INDECK 23768	25.79 -0.13 -1.45	23.56 0.08 -1.65	19.39 0.15 -1.36	4.45 -0.02 -6.94	3.41 -0.07 -8.18	3.54 -0.07 -7.78	7.66 0.00 -7.95	25.94 0.23 -0.57	15.98 0.22 -1.94	20.12 0.05 0.00	19.63 0.11 -1.03	17.85 0.01 -1.16	18.08 -0.09 -1.55	13.43 -0.17 -4.76	18.96 -0.39 -2.88	27.45 -0.57 -1.43	29.56 0.00 -0.77	42.98 0.76 0.00	39.66 0.66 -0.17	28.95 0.17 0.00	26.94 0.18 -0.20	23.64 0.26 0.00	22.86 0.28 0.00	21.43 0.31 -0.14
NEG CENTRAL___SENECA 23627	25.67 -0.13 -1.33	23.36 0.01 -1.52	19.18 0.04 -1.26	3.91 0.00 -6.39	2.80 -0.03 -7.53	2.96 -0.04 -7.16	7.03 0.00 -7.32	25.79 0.12 -0.52	15.76 0.16 -1.79	20.30 0.23 0.00	19.64 0.20 -0.95	17.87 0.12 -1.07	18.08 0.03 -1.42	13.17 -0.05 -4.38	19.00 -0.11 -2.65	27.66 -0.24 -1.32	29.44 -0.06 -0.71	42.45 0.23 0.00	39.13 0.15 -0.15	28.73 -0.04 0.00	26.74 -0.01 -0.19	23.47 0.09 0.00	22.68 0.10 0.00	21.22 0.11 -0.13
NEG CENTRAL___STATE_STREET 24147	25.90 0.16 -1.27	23.48 0.19 -1.45	19.26 0.18 -1.20	3.61 -0.03 -6.11	2.44 -0.06 -7.21	2.63 -0.06 -6.85	6.71 0.00 -7.01	25.93 0.29 -0.50	15.74 0.22 -1.71	20.42 0.35 0.00	19.71 0.31 -0.91	17.97 0.27 -1.03	18.16 0.17 -1.36	13.11 0.07 -4.19	19.14 0.13 -2.54	28.01 0.16 -1.26	29.63 0.17 -0.68	42.57 0.36 0.00	39.43 0.46 -0.15	29.11 0.33 0.00	26.93 0.19 -0.18	23.63 0.25 0.00	22.82 0.24 0.00	21.31 0.21 -0.12



NEG MILLWOOD___DRP 24198	31.63 1.42 -5.74	29.69 1.30 -6.55	24.37 1.07 -5.42	24.93 -0.15 -27.54	27.51 -0.28 -32.50	26.48 -0.25 -30.90	31.27 -0.02 -31.58	28.94 1.55 -2.25	22.35 0.82 -7.72	21.29 1.21 0.00	23.72 1.13 -4.10	22.30 1.01 -4.62	23.77 1.00 -6.15	28.24 0.51 -18.88	28.91 0.99 -11.45	33.89 1.61 -5.69	33.67 1.83 -3.06	44.94 2.73 0.00	42.11 2.62 -0.66	30.67 1.90 0.00	29.00 1.63 -0.81	24.87 1.49 0.00	23.97 1.39 0.00	22.75 1.22 -0.54
NEG NORTH_FLCN_SEA 23793	24.74 0.05 -0.21	21.18 -0.90 -0.24	16.97 -1.11 -0.20	-1.25 0.19 -1.02	-3.09 0.41 -1.21	-2.66 0.36 -1.15	0.90 0.02 -1.17	23.23 -2.00 -0.08	12.73 -1.37 -0.28	17.81 -2.26 0.00	16.07 -2.57 -0.15	14.74 -2.11 -0.17	14.99 -1.87 -0.23	8.81 -0.73 -0.70	15.88 -1.02 -0.42	26.42 -0.38 -0.21	28.43 -0.47 -0.11	41.43 -0.79 0.00	37.79 -1.06 -0.03	28.89 0.11 0.00	26.46 -0.13 -0.03	22.42 -0.95 0.00	21.41 -1.17 0.00	20.30 -0.70 -0.02
NEG NORTH_KES_CHATEGAY 23792	24.46 -0.23 -0.22	20.95 -1.14 -0.25	16.80 -1.29 -0.21	-1.19 0.23 -1.05	-3.00 0.47 -1.24	-2.58 0.41 -1.18	0.94 0.03 -1.21	23.00 -2.23 -0.09	12.60 -1.51 -0.29	17.58 -2.49 0.00	15.91 -2.74 -0.16	14.60 -2.25 -0.18	14.86 -2.01 -0.23	8.75 -0.82 -0.72	15.74 -1.17 -0.44	26.07 -0.73 -0.22	28.00 -0.91 -0.12	40.74 -1.48 0.00	37.20 -1.65 -0.03	28.51 -0.26 0.00	26.12 -0.47 -0.03	22.12 -1.27 0.00	21.11 -1.47 0.00	20.03 -0.98 -0.02
NEG NORTH___ALICE_FALLS 23915	24.81 0.11 -0.21	21.23 -0.85 -0.24	17.02 -1.07 -0.20	-1.25 0.19 -1.03	-3.09 0.41 -1.21	-2.66 0.35 -1.15	0.91 0.03 -1.18	23.29 -1.94 -0.09	12.76 -1.34 -0.29	17.84 -2.24 0.00	16.11 -2.53 -0.15	14.78 -2.07 -0.17	15.04 -1.81 -0.23	8.84 -0.71 -0.70	15.91 -0.98 -0.43	26.48 -0.31 -0.21	28.51 -0.39 -0.11	41.57 -0.65 0.00	37.94 -0.91 -0.03	28.99 0.21 0.00	26.55 -0.04 -0.03	22.49 -0.89 0.00	21.46 -1.12 0.00	20.34 -0.66 -0.02
NEG NORTH___LWR_SARANAC 23913	24.81 0.11 -0.21	21.23 -0.85 -0.24	17.02 -1.07 -0.20	-1.25 0.19 -1.03	-3.09 0.41 -1.21	-2.66 0.35 -1.15	0.91 0.03 -1.18	23.29 -1.94 -0.09	12.76 -1.34 -0.29	17.84 -2.24 0.00	16.11 -2.53 -0.15	14.78 -2.07 -0.17	15.04 -1.81 -0.23	8.84 -0.71 -0.70	15.91 -0.98 -0.43	26.48 -0.31 -0.21	28.51 -0.39 -0.11	41.57 -0.65 0.00	37.94 -0.91 -0.03	28.99 0.21 0.00	26.55 -0.04 -0.03	22.49 -0.89 0.00	21.46 -1.12 0.00	20.34 -0.66 -0.02
NEG NORTH___PLATTSBURG 23628	24.80 0.11 -0.21	21.23 -0.85 -0.24	17.02 -1.07 -0.20	-1.25 0.19 -1.03	-3.09 0.40 -1.21	-2.66 0.35 -1.15	0.91 0.03 -1.18	23.29 -1.94 -0.09	12.76 -1.34 -0.29	17.84 -2.24 0.00	16.10 -2.54 -0.15	14.78 -2.07 -0.17	15.04 -1.81 -0.23	8.84 -0.71 -0.70	15.91 -0.98 -0.43	26.48 -0.31 -0.21	28.51 -0.39 -0.11	41.57 -0.65 0.00	37.94 -0.91 -0.03	28.98 0.21 0.00	26.55 -0.04 -0.03	22.49 -0.89 0.00	21.46 -1.12 0.00	20.34 -0.66 -0.02
NEG WEST_LEA_LOCKPORT 23791	24.62 -1.19 -1.34	22.61 -0.76 -1.53	18.70 -0.45 -1.27	4.02 0.06 -6.43	2.95 0.07 -7.59	3.13 0.07 -7.21	7.08 0.00 -7.37	24.69 -0.99 -0.52	15.24 -0.38 -1.80	19.64 -0.44 0.00	19.04 -0.40 -0.96	17.37 -0.39 -1.08	17.58 -0.48 -1.44	12.88 -0.38 -4.41	18.27 -0.87 -2.67	26.33 -1.58 -1.33	28.00 -1.50 -0.71	40.50 -1.72 0.00	37.17 -1.81 -0.15	26.93 -1.85 0.00	25.11 -1.64 -0.19	22.06 -1.32 0.00	21.47 -1.11 0.00	20.25 -0.86 -0.13
NEG WEST___LANCASTR 23811	25.25 -0.64 -1.42	23.12 -0.34 -1.62	19.09 -0.12 -1.34	4.36 0.02 -6.81	3.35 0.02 -8.04	3.49 0.02 -7.64	7.52 0.00 -7.81	25.27 -0.43 -0.56	15.67 -0.05 -1.91	20.10 0.03 0.00	19.51 0.02 -1.02	17.74 -0.08 -1.14	17.96 -0.18 -1.52	13.29 -0.22 -4.67	18.81 -0.49 -2.83	27.01 -0.98 -1.41	28.68 -0.86 -0.75	41.53 -0.68 0.00	38.12 -0.88 -0.16	27.71 -1.06 0.00	25.80 -0.96 -0.20	22.70 -0.68 0.00	22.09 -0.49 0.00	20.78 -0.34 -0.13
NEG_PENN_ALLEGHNY 23528	27.21 0.30 -2.44	24.95 0.32 -2.79	20.47 0.28 -2.31	9.22 -0.04 -11.72	9.04 -0.08 -13.83	8.92 -0.07 -13.15	13.14 0.00 -13.44	26.51 0.40 -0.96	17.35 0.25 -3.29	20.44 0.36 0.00	20.58 0.35 -1.75	18.93 0.29 -1.97	19.50 0.25 -2.62	17.00 0.11 -8.04	21.53 0.19 -4.88	29.27 0.27 -2.42	30.45 0.37 -1.30	42.87 0.65 0.00	39.70 0.59 -0.28	29.14 0.36 0.00	27.22 0.32 -0.35	23.73 0.35 0.00	22.92 0.34 0.00	21.52 0.31 -0.23
NEG___GEN_MONROE 24207	25.45 -0.25 -1.23	23.20 -0.04 -1.16	19.14 0.09 -1.16	3.41 -0.03 -5.91	2.19 -0.07 -6.97	2.39 -0.08 -6.63	6.47 -0.01 -6.77	25.68 0.05 -0.48	15.59 0.12 -1.66	20.30 0.23 0.00	19.62 0.25 -0.88	17.81 0.15 -0.99	18.05 0.11 -1.32	12.90 0.01 -4.05	18.80 -0.12 -2.46	27.38 -0.43 -1.22	29.12 -0.33 -0.66	42.10 -0.12 0.00	38.72 -0.25 -0.14	28.23 -0.55 0.00	26.23 -0.50 -0.18	23.00 -0.38 0.00	22.28 -0.30 0.00	20.91 -0.19 -0.12
NEPA___ENERGY 23901	25.41 -0.50 -1.43	23.34 -0.14 -1.64	19.20 -0.04 -1.35	4.43 0.02 -6.88	3.41 0.00 -8.12	3.54 -0.01 -7.72	7.60 0.00 -7.89	25.48 -0.22 -0.56	15.78 0.04 -1.93	20.13 0.06 0.00	19.56 0.05 -1.02	17.77 -0.06 -1.16	18.00 -0.16 -1.53	13.37 -0.19 -4.72	18.90 -0.43 -2.86	27.13 -0.88 -1.42	28.79 -0.76 -0.76	41.60 -0.61 0.00	38.14 -0.85 -0.16	27.90 -0.88 0.00	25.88 -0.88 -0.20	22.83 -0.55 0.00	22.26 -0.32 0.00	20.94 -0.17 -0.13
NEVERSINK___HYD 23608	30.62 0.98 -5.17	28.64 0.90 -5.90	23.48 0.72 -4.88	22.22 -0.10 -24.80	24.36 -0.19 -29.26	23.48 -0.17 -27.81	28.12 -0.01 -28.43	28.26 1.09 -2.03	21.30 0.53 -6.95	20.81 0.73 0.00	22.83 0.65 -3.69	21.38 0.54 -4.16	22.69 0.53 -5.53	26.19 0.35 -17.00	27.41 0.63 -10.31	32.82 1.11 -5.13	32.85 1.31 -2.75	44.13 1.91 0.00	41.29 1.87 -0.60	30.05 1.27 0.00	28.43 1.13 -0.73	24.44 1.06 0.00	23.56 0.98 0.00	22.30 0.83 -0.49
NEWKRMKL_115KV_TB1 55635	31.70 0.37 -6.86	29.99 0.33 -7.83	24.66 0.30 -6.47	30.40 -0.04 -32.91	34.05 -0.07 -38.83	32.69 -0.07 -36.92	37.43 0.00 -37.73	28.26 0.43 -2.69	23.30 0.26 -9.22	20.45 0.38 0.00	23.77 0.38 -4.90	22.56 0.36 -5.52	24.30 0.33 -7.34	31.57 0.16 -22.56	30.49 0.34 -13.68	33.94 0.56 -6.80	33.03 0.59 -3.66	43.12 0.90 0.00	40.50 0.88 -0.79	29.42 0.65 0.00	28.12 0.59 -0.97	23.88 0.50 0.00	23.07 0.49 0.00	22.06 0.43 -0.65
NEWTON___FALLS_HYD 23847	24.37 -0.48 -0.38	21.28 -1.00 -0.44	17.17 -1.07 -0.36	-0.47 0.17 -1.84	-2.21 0.34 -2.17	-1.81 0.30 -2.06	1.83 0.02 -2.11	23.82 -1.48 -0.15	13.40 -0.93 -0.51	18.49 -1.58 0.00	16.99 -1.77 -0.27	15.57 -1.41 -0.31	15.87 -1.16 -0.41	9.67 -0.43 -1.26	16.53 -0.71 -0.76	26.43 -0.53 -0.38	28.49 -0.50 -0.20	41.29 -0.93 0.00	37.67 -1.21 -0.04	28.59 -0.19 0.00	26.53 -0.08 -0.05	22.60 -0.78 0.00	21.66 -0.92 0.00	20.36 -0.66 -0.04
NGRID_A1_DSASP 323792	24.35 -1.47 -1.35	22.36 -1.01 -1.54	18.50 -0.65 -1.27	4.06 0.08 -6.46	3.01 0.11 -7.62	3.19 0.12 -7.24	7.11 0.00 -7.40	24.31 -1.36 -0.53	15.07 -0.55 -1.81	19.37 -0.70 0.00	18.81 -0.64 -0.96	17.19 -0.57 -1.08	17.41 -0.65 -1.44	12.76 -0.51 -4.43	18.11 -1.04 -2.69	25.98 -1.93 -1.33	27.54 -1.96 -0.71	39.59 -2.63 0.00	36.31 -2.67 -0.15	26.29 -2.49 0.00	24.51 -2.24 -0.19	21.55 -1.83 0.00	20.99 -1.59 0.00	19.88 -1.23 -0.13

NGRID_A2_DSASP 323793	24.35 -1.47 -1.35	22.36 -1.01 -1.54	18.50 -0.65 -1.27	4.06 0.08 -6.46	3.01 0.11 -7.62	3.19 0.12 -7.24	7.11 0.00 -7.40	24.31 -1.36 -0.53	15.07 -0.55 -1.81	19.37 -0.70 0.00	18.81 -0.64 -0.96	17.19 -0.57 -1.08	17.41 -0.65 -1.44	12.76 -0.51 -4.43	18.11 -1.04 -2.69	25.98 -1.93 -1.33	27.54 -1.96 -0.71	39.59 -2.63 0.00	36.31 -2.67 -0.15	26.29 -2.49 0.00	24.51 -2.24 -0.19	21.55 -1.83 0.00	20.99 -1.59 0.00	19.88 -1.23 -0.13
NGRID_A4_DSASP 323807	24.35 -1.47 -1.35	22.36 -1.01 -1.54	18.50 -0.65 -1.27	4.06 0.08 -6.46	3.01 0.11 -7.62	3.19 0.12 -7.24	7.11 0.00 -7.40	24.31 -1.36 -0.53	15.07 -0.55 -1.81	19.37 -0.70 0.00	18.81 -0.64 -0.96	17.19 -0.57 -1.08	17.41 -0.65 -1.44	12.76 -0.51 -4.43	18.11 -1.04 -2.69	25.98 -1.93 -1.33	27.54 -1.96 -0.71	39.59 -2.63 0.00	36.31 -2.67 -0.15	26.29 -2.49 0.00	24.51 -2.24 -0.19	21.55 -1.83 0.00	20.99 -1.59 0.00	19.88 -1.23 -0.13
NIAGARA_115E_LBMP 323715	24.25 -1.57 -1.35	22.29 -1.08 -1.54	18.46 -0.70 -1.27	4.09 0.09 -6.47	3.07 0.14 -7.63	3.23 0.14 -7.26	7.13 0.01 -7.42	24.30 -1.38 -0.53	15.02 -0.61 -1.81	19.31 -0.76 0.00	18.74 -0.71 -0.97	17.13 -0.63 -1.09	17.34 -0.73 -1.44	12.76 -0.52 -4.44	18.04 -1.12 -2.69	25.87 -2.05 -1.34	27.46 -2.05 -0.72	39.67 -2.54 0.00	36.44 -2.55 -0.15	26.41 -2.37 0.00	24.62 -2.13 -0.19	21.64 -1.75 0.00	21.07 -1.51 0.00	19.87 -1.24 -0.13
NIAGARA_115W_LBMP 323714	24.30 -1.52 -1.34	22.32 -1.05 -1.53	18.47 -0.68 -1.27	4.06 0.08 -6.45	3.02 0.11 -7.61	3.19 0.12 -7.24	7.10 0.00 -7.40	24.26 -1.41 -0.53	15.04 -0.58 -1.81	19.33 -0.74 0.00	18.77 -0.68 -0.96	17.16 -0.60 -1.08	17.38 -0.68 -1.44	12.73 -0.53 -4.42	18.07 -1.08 -2.68	25.93 -1.98 -1.33	27.48 -2.02 -0.71	39.49 -2.73 0.00	36.21 -2.78 -0.15	26.23 -2.55 0.00	24.45 -2.30 -0.19	21.49 -1.89 0.00	20.94 -1.64 0.00	19.84 -1.27 -0.13
NIAGARA_230_LBMP 323716	24.50 -1.31 -1.34	22.48 -0.88 -1.53	18.60 -0.55 -1.26	4.01 0.07 -6.41	2.95 0.10 -7.57	3.12 0.09 -7.19	7.06 0.00 -7.35	24.49 -1.18 -0.52	15.14 -0.47 -1.80	19.50 -0.58 0.00	18.92 -0.52 -0.96	17.28 -0.48 -1.08	17.50 -0.56 -1.43	12.83 -0.41 -4.40	18.19 -0.94 -2.67	26.18 -1.72 -1.33	27.75 -1.74 -0.71	40.06 -2.16 0.00	36.78 -2.20 -0.15	26.62 -2.15 0.00	24.82 -1.93 -0.19	21.81 -1.56 0.00	21.24 -1.34 0.00	20.05 -1.06 -0.13
NIAGARA__115KV_198_GIBSON 55903	24.30 -1.52 -1.34	22.31 -1.06 -1.53	18.47 -0.68 -1.27	4.07 0.08 -6.45	3.02 0.11 -7.61	3.19 0.12 -7.24	7.10 0.00 -7.40	24.26 -1.41 -0.53	15.05 -0.58 -1.81	19.33 -0.74 0.00	18.77 -0.68 -0.96	17.16 -0.60 -1.08	17.38 -0.69 -1.44	12.74 -0.53 -4.42	18.08 -1.07 -2.68	25.92 -1.99 -1.33	27.48 -2.02 -0.71	39.49 -2.73 0.00	36.20 -2.78 -0.15	26.22 -2.56 0.00	24.45 -2.30 -0.19	21.49 -1.89 0.00	20.93 -1.65 0.00	19.84 -1.27 -0.13
NIAGARA____ 23760	24.51 -1.31 -1.34	22.49 -0.88 -1.53	18.60 -0.55 -1.27	4.06 0.07 -6.46	3.01 0.10 -7.63	3.18 0.09 -7.25	7.12 0.00 -7.41	24.50 -1.18 -0.52	15.15 -0.47 -1.81	19.50 -0.58 0.00	18.93 -0.52 -0.96	17.28 -0.48 -1.08	17.50 -0.56 -1.44	12.85 -0.41 -4.42	18.20 -0.94 -2.68	26.19 -1.72 -1.33	27.76 -1.74 -0.71	40.06 -2.16 0.00	36.78 -2.20 -0.15	26.62 -2.15 0.00	24.82 -1.93 -0.19	21.81 -1.56 0.00	21.24 -1.34 0.00	20.05 -1.06 -0.13
NINE_MILE_1 23575	24.72 -0.62 -0.86	22.30 -0.53 -0.99	18.28 -0.42 -0.82	1.73 0.06 -4.15	0.29 0.10 -4.89	0.58 0.09 -4.65	4.46 0.00 -4.75	24.89 -0.60 -0.34	14.67 -0.30 -1.16	19.65 -0.42 0.00	18.72 -0.38 -0.62	17.02 -0.36 -0.70	17.19 -0.37 -0.92	11.48 -0.21 -2.84	17.77 -0.42 -1.72	26.70 -0.74 -0.86	28.44 -0.80 -0.46	41.04 -1.17 0.00	37.82 -1.11 -0.10	27.90 -0.87 0.00	25.90 -0.78 -0.12	22.74 -0.64 0.00	21.97 -0.61 0.00	20.51 -0.56 -0.08
NINE_MILE_2 23744	24.72 -0.62 -0.86	22.29 -0.53 -0.98	18.27 -0.41 -0.81	1.72 0.06 -4.13	0.27 0.10 -4.87	0.56 0.09 -4.64	4.45 0.01 -4.74	24.90 -0.59 -0.34	14.67 -0.30 -1.16	19.65 -0.42 0.00	18.72 -0.38 -0.62	17.02 -0.35 -0.69	17.18 -0.37 -0.92	11.47 -0.21 -2.83	17.77 -0.42 -1.72	26.70 -0.74 -0.85	28.44 -0.80 -0.46	41.04 -1.17 0.00	37.82 -1.11 -0.10	27.91 -0.87 0.00	25.90 -0.78 -0.12	22.74 -0.64 0.00	21.97 -0.61 0.00	20.51 -0.56 -0.08
NM_CAPITAL__DRP 24208	31.74 0.43 -6.84	30.02 0.38 -7.80	24.68 0.34 -6.45	30.31 -0.04 -32.82	33.93 -0.09 -38.73	32.58 -0.08 -36.82	37.33 -0.01 -37.63	28.30 0.47 -2.68	23.29 0.28 -9.20	20.49 0.41 0.00	23.79 0.41 -4.89	22.57 0.38 -5.51	24.31 0.36 -7.32	31.53 0.18 -22.50	30.49 0.37 -13.65	33.97 0.60 -6.79	33.06 0.63 -3.65	43.19 0.97 0.00	40.57 0.96 -0.79	29.49 0.72 0.00	28.17 0.64 -0.97	23.92 0.54 0.00	23.13 0.55 0.00	22.12 0.49 -0.65
NM_CENTRAL__DRP 24181	25.35 -0.19 -1.06	22.92 -0.13 -1.21	18.80 -0.08 -1.00	2.62 0.01 -5.08	1.30 0.01 -6.00	1.55 0.01 -5.70	5.53 0.00 -5.83	25.47 -0.10 -0.42	15.22 -0.02 -1.42	20.08 0.00 0.00	19.27 0.02 -0.76	17.53 0.01 -0.85	17.73 -0.03 -1.13	12.29 -0.04 -3.48	18.49 -0.09 -2.11	27.43 -0.20 -1.05	29.12 -0.23 -0.57	41.88 -0.34 0.00	38.60 -0.35 -0.12	28.42 -0.36 0.00	26.44 -0.27 -0.15	23.22 -0.16 0.00	22.44 -0.14 0.00	20.95 -0.14 -0.10
NM_FRONTIER__DRP 24179	24.30 -1.52 -1.34	22.31 -1.06 -1.53	18.47 -0.68 -1.27	4.07 0.08 -6.45	3.02 0.11 -7.61	3.19 0.12 -7.24	7.10 0.00 -7.40	24.26 -1.41 -0.53	15.05 -0.58 -1.81	19.33 -0.74 0.00	18.77 -0.68 -0.96	17.16 -0.60 -1.08	17.38 -0.69 -1.44	12.74 -0.53 -4.42	18.08 -1.07 -2.68	25.92 -1.99 -1.33	27.48 -2.02 -0.71	39.49 -2.73 0.00	36.20 -2.78 -0.15	26.22 -2.56 0.00	24.45 -2.30 -0.19	21.49 -1.89 0.00	20.93 -1.65 0.00	19.84 -1.27 -0.13
NM_ST_REGIS__HYD 24053	24.63 -0.11 -0.27	21.21 -0.95 -0.31	17.01 -1.13 -0.26	-0.95 0.20 -1.32	-2.75 0.40 -1.56	-2.33 0.35 -1.48	1.24 0.02 -1.52	23.47 -1.79 -0.11	13.01 -1.17 -0.37	18.10 -1.97 0.00	16.45 -2.23 -0.20	15.11 -1.79 -0.22	15.35 -1.57 -0.30	9.10 -0.65 -0.91	16.08 -0.94 -0.55	26.28 -0.58 -0.27	28.24 -0.69 -0.15	40.99 -1.23 0.00	37.38 -1.48 -0.03	28.64 -0.13 0.00	26.50 -0.09 -0.04	22.39 -0.99 0.00	21.37 -1.21 0.00	20.17 -0.84 -0.03
NORTHPORT__1 23551	32.05 1.87 -5.70	29.90 1.56 -6.50	24.57 1.32 -5.38	24.70 -0.18 -27.35	27.23 -0.33 -32.27	26.21 -0.30 -30.68	31.04 -0.02 -31.36	29.34 1.95 -2.24	22.50 1.02 -7.66	21.51 1.43 0.00	23.85 1.30 -4.07	22.43 1.16 -4.59	23.86 1.13 -6.10	28.20 0.60 -18.75	29.14 1.30 -11.37	34.45 2.22 -5.65	36.62 2.55 -5.28	45.54 3.31 0.00	42.61 3.12 -0.66	31.03 2.25 0.00	29.00 1.64 -0.81	24.94 1.57 0.00	24.04 1.46 0.00	22.85 1.33 -0.54
NORTHPORT__2 23552	32.05 1.87 -5.70	29.90 1.56 -6.50	24.57 1.32 -5.38	24.70 -0.18 -27.35	27.23 -0.33 -32.27	26.21 -0.30 -30.68	31.04 -0.02 -31.36	29.34 1.95 -2.24	22.50 1.02 -7.66	21.51 1.43 0.00	23.85 1.30 -4.07	22.43 1.16 -4.59	23.86 1.13 -6.10	28.20 0.60 -18.75	29.14 1.30 -11.37	34.45 2.22 -5.65	36.62 2.55 -5.28	45.54 3.31 0.00	42.61 3.12 -0.66	31.03 2.25 0.00	29.00 1.64 -0.81	24.94 1.57 0.00	24.04 1.46 0.00	22.85 1.33 -0.54

NORTHPORT___3 23553	31.91 1.74 -5.70	29.77 1.43 -6.50	24.46 1.20 -5.38	24.72 -0.16 -27.35	27.26 -0.30 -32.27	26.24 -0.28 -30.68	31.05 -0.02 -31.36	29.10 1.72 -2.24	22.38 0.90 -7.66	21.38 1.30 0.00	23.75 1.20 -4.07	22.33 1.07 -4.59	23.78 1.05 -6.10	28.15 0.56 -18.75	29.04 1.21 -11.37	34.29 2.06 -5.65	36.50 2.45 -5.26	33.20 3.21 12.22	28.93 2.78 12.67	11.29 2.00 19.48	26.55 1.40 1.41	24.07 1.36 0.67	23.84 1.26 0.00	22.65 1.13 -0.54
NORTHPORT___4 23650	31.91 1.74 -5.70	29.77 1.43 -6.50	24.46 1.20 -5.38	24.72 -0.16 -27.35	27.26 -0.30 -32.27	26.24 -0.28 -30.68	31.05 -0.02 -31.36	29.10 1.72 -2.24	22.38 0.90 -7.66	21.38 1.30 0.00	23.75 1.20 -4.07	22.33 1.07 -4.59	23.78 1.05 -6.10	28.15 0.56 -18.75	29.04 1.21 -11.37	34.29 2.06 -5.65	36.50 2.45 -5.26	33.20 3.21 12.22	28.93 2.78 12.67	11.29 2.00 19.48	26.55 1.40 1.41	24.07 1.36 0.67	23.84 1.26 0.00	22.65 1.13 -0.54
NORTHPORT___IC 23718	32.05 1.87 -5.70	29.90 1.56 -6.50	24.57 1.32 -5.38	24.70 -0.18 -27.35	27.23 -0.33 -32.27	26.21 -0.30 -30.68	31.04 -0.02 -31.36	29.34 1.95 -2.24	22.50 1.02 -7.66	21.51 1.43 0.00	23.85 1.30 -4.07	22.43 1.16 -4.59	23.86 1.13 -6.10	28.20 0.60 -18.75	29.14 1.30 -11.37	34.45 2.22 -5.65	36.62 2.55 -5.28	45.54 3.31 0.00	42.61 3.12 -0.66	31.03 2.25 0.00	29.00 1.64 -0.81	24.94 1.57 0.00	24.04 1.46 0.00	22.85 1.33 -0.54
NORTH___COUNTRY_ESR 323785	24.36 -0.34 -0.22	20.86 -1.23 -0.25	16.73 -1.36 -0.21	-1.18 0.24 -1.05	-2.98 0.49 -1.24	-2.56 0.42 -1.18	0.94 0.03 -1.21	22.91 -2.32 -0.09	12.55 -1.56 -0.29	17.51 -2.56 0.00	15.83 -2.82 -0.16	14.54 -2.31 -0.18	14.80 -2.06 -0.23	8.72 -0.85 -0.72	15.68 -1.22 -0.44	25.97 -0.83 -0.22	27.88 -1.02 -0.12	40.54 -1.67 0.00	37.03 -1.82 -0.03	28.40 -0.38 0.00	26.04 -0.55 -0.03	22.03 -1.35 0.00	21.03 -1.55 0.00	19.94 -1.07 -0.02
NPX_GEN_1385_PROXY 323591	32.08 1.90 -5.70	29.82 1.48 -6.50	24.56 1.30 -5.38	24.70 -0.18 -27.35	27.22 -0.34 -32.27	26.21 -0.30 -30.68	31.04 -0.02 -31.36	29.69 2.30 -2.24	22.68 1.20 -7.66	21.65 1.57 0.00	23.74 1.18 -4.07	22.34 1.07 -4.59	23.68 0.95 -6.10	28.15 0.56 -18.75	29.19 1.35 -11.37	34.54 2.30 -5.65	36.88 2.82 -5.28	45.80 3.58 0.00	42.69 3.20 -0.66	30.73 1.95 0.00	28.75 1.38 -0.81	24.72 1.34 0.00	23.73 1.15 0.00	22.82 1.30 -0.54
NPX_GEN_CSC 323557	32.37 2.20 -5.70	30.19 1.85 -6.50	24.84 1.58 -5.38	24.67 -0.21 -27.35	27.17 -0.39 -32.27	26.15 -0.37 -30.68	31.04 -0.03 -31.36	29.67 2.29 -2.24	22.69 1.21 -7.66	21.74 1.67 0.00	24.04 1.48 -4.07	22.57 1.30 -4.59	24.01 1.28 -6.10	28.27 0.67 -18.75	29.32 1.48 -11.37	34.78 2.55 -5.65	37.14 3.01 -5.35	280.01 4.01 -233.78	298.04 3.60 -255.62	404.12 2.82 -372.52	71.71 1.98 -43.17	38.08 1.81 -12.89	24.31 1.73 0.00	23.05 1.53 -0.54
NSINS_S_GLNS_FALLS 23858	33.20 1.70 -7.02	31.37 1.52 -8.01	25.76 1.25 -6.63	31.07 -0.17 -33.71	34.74 -0.32 -39.77	33.36 -0.29 -37.81	38.33 -0.02 -38.65	29.64 1.74 -2.75	24.18 0.92 -9.45	21.44 1.36 0.00	24.73 1.23 -5.02	23.40 1.07 -5.66	25.30 1.16 -7.52	32.57 0.61 -23.11	31.67 1.19 -14.01	35.47 1.93 -6.97	34.61 2.08 -3.75	45.32 3.11 0.00	42.44 2.80 -0.81	30.66 1.89 0.00	29.21 1.66 -1.00	24.78 1.40 0.00	24.14 1.55 0.00	23.12 1.48 -0.66
NUCOR_STEEL___DRP 24197	25.88 0.15 -1.25	23.45 0.19 -1.42	19.24 0.18 -1.18	3.49 -0.03 -5.99	2.30 -0.06 -7.07	2.50 -0.06 -6.72	6.57 0.00 -6.87	25.91 0.27 -0.49	15.70 0.21 -1.68	20.42 0.34 0.00	19.68 0.30 -0.89	17.94 0.26 -1.00	18.12 0.16 -1.34	13.03 0.08 -4.11	19.10 0.14 -2.49	27.98 0.16 -1.24	29.60 0.15 -0.67	42.53 0.31 0.00	39.40 0.43 -0.14	28.93 0.16 0.00	26.89 0.15 -0.18	23.61 0.23 0.00	22.80 0.22 0.00	21.30 0.20 -0.12
NUMBER_THREE_WT_PWR 323818	24.42 -0.51 -0.45	21.62 -0.73 -0.51	17.57 -0.74 -0.42	-0.20 0.11 -2.16	-1.94 0.22 -2.55	-1.55 0.20 -2.42	2.19 0.01 -2.48	24.47 -0.86 -0.18	13.91 -0.51 -0.61	19.12 -0.95 0.00	17.70 -1.11 -0.32	16.15 -0.89 -0.36	16.50 -0.61 -0.48	10.21 -0.11 -1.48	17.17 -0.20 -0.90	26.99 -0.04 -0.45	29.18 0.16 -0.24	42.29 0.07 0.00	38.57 -0.31 -0.05	28.90 0.12 0.00	26.92 0.29 -0.06	23.13 -0.25 0.00	22.27 -0.31 0.00	20.89 -0.14 -0.04
NYISO_LBMP_REFERENCE 24008	24.48 0.00 0.00	21.84 0.00 0.00	17.88 0.00 0.00	-2.47 0.00 0.00	-4.71 0.00 0.00	-4.17 0.00 0.00	-0.29 0.00 0.00	25.15 0.00 0.00	13.81 0.00 0.00	20.07 0.00 0.00	18.49 0.00 0.00	16.68 0.00 0.00	16.63 0.00 0.00	8.84 0.00 0.00	16.47 0.00 0.00	26.58 0.00 0.00	28.78 0.00 0.00	42.22 0.00 0.00	38.83 0.00 0.00	28.77 0.00 0.00	26.56 0.00 0.00	23.38 0.00 0.00	22.58 0.00 0.00	20.98 0.00 0.00
NYPA_BRENTWD___GT 24164	32.36 2.19 -5.70	30.19 1.84 -6.50	24.80 1.54 -5.38	24.67 -0.21 -27.35	27.17 -0.39 -32.27	26.16 -0.36 -30.68	31.04 -0.02 -31.36	29.65 2.27 -2.24	22.67 1.19 -7.66	21.74 1.67 0.00	24.06 1.50 -4.07	22.60 1.34 -4.59	24.04 1.32 -6.10	28.30 0.70 -18.75	29.33 1.50 -11.37	34.82 2.59 -5.65	36.92 2.90 -5.24	69.08 3.61 -23.26	68.41 3.56 -26.02	68.43 2.59 -37.06	33.56 1.98 -5.02	26.61 1.95 -1.28	24.40 1.82 0.00	23.14 1.62 -0.54
NYPA_GOWANUS___GT5 24156	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NYPA_GOWANUS___GT6 24157	31.62 1.44 -5.70	29.67 1.33 -6.50	24.35 1.09 -5.38	24.73 -0.15 -27.35	27.27 -0.30 -32.28	26.26 -0.27 -30.69	31.05 -0.02 -31.36	28.95 1.57 -2.24	22.29 0.81 -7.66	21.26 1.19 0.00	23.72 1.16 -4.07	22.30 1.04 -4.59	23.77 1.04 -6.10	28.10 0.51 -18.75	28.82 0.98 -11.37	33.81 1.57 -5.65	33.59 1.77 -3.04	44.68 2.46 0.00	41.97 2.48 -0.66	30.60 1.82 0.00	28.95 1.58 -0.81	24.90 1.52 0.00	23.98 1.40 0.00	22.78 1.26 -0.54
NYPA_HARLEM__RVR_GT1 24160	31.54 1.37 -5.70	29.61 1.26 -6.50	24.31 1.05 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.45 -2.24	22.23 0.75 -7.66	21.18 1.11 0.00	23.71 1.15 -4.07	22.26 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.71 1.48 -5.65	33.48 1.66 -3.04	44.53 2.31 0.00	41.78 2.30 -0.66	30.46 1.69 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.87 1.29 0.00	22.69 1.17 -0.54
NYPA_HARLEM__RVR_GT2 24161	31.54 1.37 -5.70	29.61 1.26 -6.50	24.31 1.05 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.45 -2.24	22.23 0.75 -7.66	21.18 1.11 0.00	23.71 1.15 -4.07	22.26 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.71 1.48 -5.65	33.48 1.66 -3.04	44.53 2.31 0.00	41.78 2.30 -0.66	30.46 1.69 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.87 1.29 0.00	22.69 1.17 -0.54

NYPA_KENT____GT 24152	31.60 1.42 -5.70	29.65 1.31 -6.50	24.33 1.07 -5.38	24.73 -0.15 -27.35	27.28 -0.28 -32.27	26.26 -0.26 -30.68	31.04 -0.02 -31.36	28.91 1.52 -2.24	22.27 0.80 -7.66	21.24 1.17 0.00	23.71 1.15 -4.07	22.30 1.03 -4.59	23.76 1.03 -6.10	28.09 0.50 -18.75	28.80 0.96 -11.37	33.78 1.55 -5.65	33.56 1.74 -3.04	44.65 2.43 0.00	41.91 2.43 -0.66	30.55 1.78 0.00	28.91 1.54 -0.81	24.85 1.47 0.00	23.95 1.37 0.00	22.75 1.23 -0.54
NYPA_POUCH1____GT 24155	31.59 1.42 -5.70	29.65 1.31 -6.50	24.34 1.08 -5.38	24.72 -0.16 -27.35	27.25 -0.32 -32.28	26.24 -0.29 -30.69	31.04 -0.02 -31.36	29.01 1.63 -2.24	22.28 0.81 -7.66	21.24 1.17 0.00	23.70 1.14 -4.07	22.28 1.01 -4.59	23.74 1.01 -6.10	28.10 0.50 -18.75	28.79 0.95 -11.37	33.78 1.55 -5.65	33.55 1.73 -3.04	44.58 2.36 0.00	41.91 2.42 -0.66	30.56 1.79 0.00	28.92 1.55 -0.81	24.88 1.50 0.00	23.97 1.40 0.00	22.79 1.27 -0.54
NYPA_VERNON____GT2 24162	31.57 1.40 -5.70	29.63 1.29 -6.50	24.31 1.06 -5.38	24.74 -0.15 -27.35	27.29 -0.27 -32.27	26.27 -0.24 -30.68	31.05 -0.02 -31.36	28.86 1.47 -2.24	22.25 0.78 -7.66	21.23 1.16 0.00	23.69 1.13 -4.07	22.29 1.02 -4.59	23.75 1.02 -6.10	28.08 0.49 -18.75	28.78 0.94 -11.37	33.75 1.52 -5.65	33.53 1.70 -3.04	44.63 2.41 0.00	41.87 2.38 -0.66	30.51 1.73 0.00	28.86 1.50 -0.81	24.82 1.44 0.00	23.91 1.33 0.00	22.71 1.19 -0.54
NYPA_VERNON____GT3 24163	31.57 1.40 -5.70	29.63 1.29 -6.50	24.31 1.06 -5.38	24.74 -0.15 -27.35	27.29 -0.27 -32.27	26.27 -0.24 -30.68	31.05 -0.02 -31.36	28.86 1.47 -2.24	22.25 0.78 -7.66	21.23 1.16 0.00	23.69 1.13 -4.07	22.29 1.02 -4.59	23.75 1.02 -6.10	28.08 0.49 -18.75	28.78 0.94 -11.37	33.75 1.52 -5.65	33.53 1.70 -3.04	44.63 2.41 0.00	41.87 2.38 -0.66	30.51 1.73 0.00	28.86 1.50 -0.81	24.82 1.44 0.00	23.91 1.33 0.00	22.71 1.19 -0.54
NYPA__ASTORIA_CC1 323568	31.54 1.37 -5.70	29.59 1.25 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.82 1.43 -2.24	22.24 0.76 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.26 1.00 -4.59	23.74 1.00 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.71 1.47 -5.65	33.48 1.66 -3.04	44.56 2.34 0.00	41.79 2.31 -0.66	30.46 1.68 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.88 1.30 0.00	22.68 1.16 -0.54
NYPA__ASTORIA_CC2 323569	31.54 1.37 -5.70	29.59 1.25 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.82 1.43 -2.24	22.24 0.76 -7.66	21.20 1.13 0.00	23.67 1.11 -4.07	22.26 1.00 -4.59	23.74 1.00 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.71 1.47 -5.65	33.48 1.66 -3.04	44.56 2.34 0.00	41.79 2.31 -0.66	30.46 1.68 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.88 1.30 0.00	22.68 1.16 -0.54
NYPA__HOLTSVILL 23794	32.19 2.02 -5.70	30.04 1.70 -6.50	24.71 1.45 -5.38	24.69 -0.20 -27.35	27.21 -0.36 -32.27	26.19 -0.34 -30.68	31.04 -0.03 -31.36	29.48 2.10 -2.24	22.59 1.11 -7.66	21.62 1.55 0.00	23.94 1.38 -4.07	22.49 1.23 -4.59	23.94 1.21 -6.10	28.23 0.63 -18.75	29.22 1.38 -11.37	34.60 2.36 -5.65	36.89 2.75 -5.35	279.84 3.64 -233.98	297.98 3.33 -255.83	404.10 2.49 -372.84	71.57 1.81 -43.21	38.00 1.72 -12.90	24.22 1.64 0.00	22.98 1.45 -0.54
NYPA____HELLGATE_GT1 24158	31.54 1.37 -5.70	29.61 1.26 -6.50	24.31 1.05 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.45 -2.24	22.23 0.75 -7.66	21.18 1.11 0.00	23.71 1.15 -4.07	22.26 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.71 1.48 -5.65	33.48 1.66 -3.04	44.53 2.31 0.00	41.78 2.30 -0.66	30.46 1.69 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.87 1.29 0.00	22.69 1.17 -0.54
NYPA____HELLGATE_GT2 24159	31.54 1.37 -5.70	29.61 1.26 -6.50	24.31 1.05 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.83 1.45 -2.24	22.23 0.75 -7.66	21.18 1.11 0.00	23.71 1.15 -4.07	22.26 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.71 1.48 -5.65	33.48 1.66 -3.04	44.53 2.31 0.00	41.78 2.30 -0.66	30.46 1.69 0.00	28.82 1.45 -0.81	24.78 1.40 0.00	23.87 1.29 0.00	22.69 1.17 -0.54
NYS_BARGE__HYD 23848	24.62 -1.19 -1.34	22.61 -0.75 -1.53	18.71 -0.43 -1.26	4.00 0.06 -6.41	2.93 0.07 -7.57	3.11 0.08 -7.19	7.06 0.00 -7.35	24.69 -0.99 -0.52	15.22 -0.38 -1.80	19.64 -0.44 0.00	19.04 -0.40 -0.96	17.37 -0.39 -1.08	17.59 -0.47 -1.43	12.86 -0.38 -4.40	18.26 -0.87 -2.67	26.33 -1.58 -1.32	28.01 -1.49 -0.71	40.52 -1.70 0.00	37.20 -1.78 -0.15	26.96 -1.82 0.00	25.12 -1.63 -0.19	22.07 -1.31 0.00	21.47 -1.11 0.00	20.24 -0.87 -0.13
OAK ORCHARD__HYD 24046	25.26 -0.44 -1.23	23.02 -0.23 -1.40	18.95 -0.09 -1.16	3.44 0.00 -5.91	2.26 -0.01 -6.97	2.46 0.00 -6.63	6.48 0.00 -6.77	25.35 -0.28 -0.48	15.43 -0.04 -1.66	20.09 0.01 0.00	19.42 0.05 -0.88	17.68 0.01 -0.99	17.92 -0.03 -1.32	12.82 -0.07 -4.05	18.66 -0.27 -2.46	27.24 -0.56 -1.22	28.97 -0.48 -0.66	41.81 -0.41 0.00	38.47 -0.50 -0.14	28.07 -0.70 0.00	26.08 -0.66 -0.17	22.87 -0.51 0.00	22.16 -0.42 0.00	20.79 -0.31 -0.12
OAKDALE__35_KV_LOAD 356122	27.11 0.22 -2.41	24.85 0.26 -2.75	20.39 0.23 -2.28	9.07 -0.03 -11.57	8.88 -0.07 -13.65	8.76 -0.06 -12.98	12.97 0.00 -13.27	26.42 0.33 -0.95	17.27 0.21 -3.24	20.38 0.30 0.00	20.51 0.30 -1.72	18.86 0.24 -1.94	19.42 0.21 -2.58	16.87 0.09 -7.93	21.42 0.14 -4.81	29.16 0.19 -2.39	30.34 0.27 -1.29	42.71 0.50 0.00	39.54 0.43 -0.28	29.03 0.25 0.00	27.12 0.22 -0.34	23.64 0.26 0.00	22.85 0.27 0.00	21.46 0.25 -0.23
OCC_CHEM__DRP 24175	24.35 -1.48 -1.35	22.35 -1.03 -1.54	18.49 -0.66 -1.27	4.06 0.08 -6.46	3.01 0.11 -7.62	3.19 0.11 -7.24	7.11 0.00 -7.40	24.31 -1.36 -0.53	15.08 -0.55 -1.81	19.37 -0.70 0.00	18.80 -0.64 -0.96	17.19 -0.57 -1.08	17.41 -0.65 -1.44	12.76 -0.51 -4.43	18.11 -1.04 -2.69	25.98 -1.94 -1.33	27.54 -1.96 -0.71	39.59 -2.63 0.00	36.31 -2.68 -0.15	26.28 -2.50 0.00	24.51 -2.24 -0.19	21.55 -1.83 0.00	20.99 -1.59 0.00	19.89 -1.22 -0.13
OH_GEN_PROXY 24063	24.55 -1.26 -1.34	22.53 -0.83 -1.52	18.63 -0.51 -1.26	4.00 0.06 -6.41	2.94 0.09 -7.56	3.11 0.09 -7.19	7.06 0.01 -7.35	24.57 -1.10 -0.52	15.18 -0.43 -1.80	19.55 -0.52 0.00	18.99 -0.46 -0.95	17.33 -0.43 -1.08	17.56 -0.50 -1.43	12.85 -0.38 -4.39	18.25 -0.88 -2.66	26.28 -1.62 -1.32	27.85 -1.65 -0.71	40.20 -2.01 0.00	36.90 -2.08 -0.15	26.73 -2.05 0.00	24.91 -1.84 -0.19	21.89 -1.49 0.00	21.32 -1.26 0.00	20.10 -1.00 -0.13
OLIN_CORP_DRP 24177	24.29 -1.54 -1.35	22.33 -1.05 -1.54	18.48 -0.68 -1.28	4.11 0.09 -6.49	3.08 0.13 -7.65	3.24 0.13 -7.28	7.15 0.01 -7.44	24.34 -1.34 -0.53	15.05 -0.58 -1.82	19.34 -0.73 0.00	18.78 -0.68 -0.97	17.16 -0.60 -1.09	17.38 -0.70 -1.45	12.79 -0.50 -4.45	18.08 -1.09 -2.70	25.93 -2.00 -1.34	27.51 -1.99 -0.72	39.76 -2.46 0.00	36.50 -2.48 -0.15	26.45 -2.33 0.00	24.66 -2.09 -0.19	21.68 -1.70 0.00	21.11 -1.47 0.00	19.92 -1.19 -0.13

OLIN_CORP_DSASP 323712	24.35 -1.47 -1.35	22.36 -1.01 -1.54	18.50 -0.65 -1.27	4.06 0.08 -6.46	3.01 0.11 -7.62	3.19 0.12 -7.24	7.11 0.00 -7.40	24.31 -1.36 -0.53	15.07 -0.55 -1.81	19.37 -0.70 0.00	18.81 -0.64 -0.96	17.19 -0.57 -1.08	17.41 -0.65 -1.44	12.76 -0.51 -4.43	18.11 -1.04 -2.69	25.98 -1.93 -1.33	27.54 -1.96 -0.71	39.59 -2.63 0.00	36.31 -2.67 -0.15	26.29 -2.49 0.00	24.51 -2.24 -0.19	21.55 -1.83 0.00	20.99 -1.59 0.00	19.88 -1.23 -0.13
ONEIDA_HERK_LFGE 323681	24.95 0.08 -0.39	22.22 -0.06 -0.45	18.13 -0.12 -0.37	-0.56 0.02 -1.89	-2.44 0.04 -2.23	-2.01 0.04 -2.12	1.87 0.00 -2.16	25.25 -0.05 -0.15	14.30 -0.04 -0.53	19.93 -0.15 0.00	18.54 -0.22 -0.28	16.85 -0.14 -0.32	17.01 -0.04 -0.42	10.20 0.06 -1.30	17.40 0.15 -0.78	27.38 0.41 -0.39	29.53 0.54 -0.21	42.96 0.74 0.00	39.36 0.48 -0.05	29.21 0.43 0.00	27.15 0.54 -0.06	23.62 0.24 0.00	22.75 0.17 0.00	21.23 0.22 -0.04
ONEIDA___115KV_TB4 55905	25.60 0.46 -0.67	22.99 0.39 -0.76	18.81 0.30 -0.63	0.69 -0.04 -3.20	-1.01 -0.08 -3.78	-0.64 -0.07 -3.59	3.37 0.00 -3.67	25.94 0.53 -0.26	15.01 0.30 -0.90	20.50 0.43 0.00	19.36 0.39 -0.48	17.57 0.36 -0.54	17.69 0.34 -0.72	11.20 0.16 -2.20	18.18 0.38 -1.33	27.99 0.75 -0.66	30.02 0.88 -0.36	43.45 1.23 0.00	39.93 1.03 -0.08	29.46 0.68 0.00	27.38 0.73 -0.09	23.95 0.57 0.00	23.09 0.51 0.00	21.52 0.48 -0.06
ONONDAGA_REF_OCCRA 23987	25.64 -0.02 -1.19	23.22 0.02 -1.36	19.04 0.04 -1.12	3.23 -0.01 -5.70	2.00 -0.02 -6.73	2.21 -0.02 -6.40	6.24 0.00 -6.54	25.70 0.08 -0.47	15.49 0.08 -1.60	20.21 0.14 0.00	19.48 0.15 -0.85	17.75 0.12 -0.96	17.98 0.08 -1.27	12.77 0.01 -3.91	18.86 0.02 -2.37	27.76 0.01 -1.18	29.44 0.02 -0.63	42.27 0.06 0.00	38.99 0.02 -0.14	28.68 -0.09 0.00	26.70 -0.03 -0.17	23.41 0.03 0.00	22.61 0.03 0.00	21.11 0.02 -0.11
ONONDAGA___COGEN 23986	25.57 -0.05 -1.14	23.14 0.00 -1.30	18.97 0.01 -1.08	3.00 -0.01 -5.47	1.74 -0.01 -6.46	1.96 -0.01 -6.14	5.98 0.00 -6.28	25.65 0.06 -0.45	15.42 0.07 -1.53	20.19 0.12 0.00	19.43 0.13 -0.81	17.69 0.09 -0.92	17.90 0.05 -1.22	12.61 0.01 -3.75	18.75 0.01 -2.28	27.67 -0.04 -1.13	29.37 -0.03 -0.61	42.21 0.00 0.00	38.94 -0.01 -0.13	28.65 -0.13 0.00	26.65 -0.07 -0.16	23.38 -0.01 0.00	22.58 0.00 0.00	21.08 -0.01 -0.11
ONTARIO___LFGE 23819	25.67 -0.13 -1.33	23.36 0.00 -1.52	19.18 0.04 -1.26	3.91 0.00 -6.39	2.80 -0.03 -7.53	2.96 -0.03 -7.16	7.03 0.00 -7.32	25.79 0.12 -0.52	15.76 0.16 -1.79	20.30 0.23 0.00	19.64 0.20 -0.95	17.87 0.12 -1.07	18.08 0.03 -1.42	13.17 -0.05 -4.38	19.00 -0.12 -2.65	27.66 -0.24 -1.32	29.44 -0.06 -0.71	42.45 0.23 0.00	39.14 0.16 -0.15	28.74 -0.03 0.00	26.74 -0.01 -0.19	23.47 0.09 0.00	22.68 0.10 0.00	21.22 0.11 -0.13
ORANGEVILLE_WT_PWR 323706	24.73 -1.22 -1.48	22.70 -0.83 -1.69	18.71 -0.57 -1.40	4.71 0.08 -7.11	3.79 0.11 -8.38	3.90 0.09 -7.97	7.86 0.01 -8.15	24.90 -0.83 -0.58	15.51 -0.30 -1.99	19.66 -0.42 0.00	19.12 -0.43 -1.06	17.34 -0.53 -1.19	17.46 -0.75 -1.59	13.18 -0.54 -4.87	18.40 -1.02 -2.96	26.44 -1.61 -1.47	28.28 -1.30 -0.79	40.98 -1.24 0.00	37.74 -1.26 -0.17	27.54 -1.24 0.00	25.60 -1.18 -0.21	22.56 -0.82 0.00	21.90 -0.68 0.00	20.60 -0.52 -0.14
ORANGEVILLE___ESR 323794	24.73 -1.22 -1.48	22.70 -0.83 -1.69	18.71 -0.57 -1.40	4.71 0.08 -7.11	3.79 0.11 -8.38	3.90 0.09 -7.97	7.86 0.01 -8.15	24.90 -0.83 -0.58	15.51 -0.30 -1.99	19.66 -0.42 0.00	19.12 -0.43 -1.06	17.34 -0.53 -1.19	17.46 -0.75 -1.59	13.18 -0.54 -4.87	18.40 -1.02 -2.96	26.44 -1.61 -1.47	28.28 -1.30 -0.79	40.98 -1.24 0.00	37.74 -1.26 -0.17	27.54 -1.24 0.00	25.60 -1.18 -0.21	22.56 -0.82 0.00	21.90 -0.68 0.00	20.60 -0.52 -0.14
OSWEGATCHIE___HYD 24044	24.37 -0.49 -0.38	21.28 -1.00 -0.44	17.18 -1.07 -0.36	-0.47 0.17 -1.84	-2.21 0.34 -2.17	-1.81 0.30 -2.06	1.83 0.02 -2.11	23.82 -1.48 -0.15	13.40 -0.92 -0.51	18.49 -1.58 0.00	16.98 -1.78 -0.27	15.57 -1.41 -0.31	15.87 -1.16 -0.41	9.67 -0.43 -1.26	16.53 -0.71 -0.76	26.43 -0.53 -0.38	28.49 -0.50 -0.20	41.29 -0.93 0.00	37.67 -1.21 -0.04	28.59 -0.19 0.00	26.53 -0.08 -0.05	22.60 -0.78 0.00	21.66 -0.92 0.00	20.36 -0.66 -0.04
OSWEGO___5 23606	24.94 -0.46 -0.93	22.51 -0.39 -1.06	18.45 -0.30 -0.87	2.01 0.04 -4.44	0.61 0.07 -5.24	0.88 0.06 -4.98	4.80 0.00 -5.09	25.09 -0.42 -0.36	14.85 -0.20 -1.24	19.79 -0.28 0.00	18.89 -0.25 -0.66	17.18 -0.24 -0.74	17.36 -0.26 -0.99	11.74 -0.15 -3.04	18.01 -0.30 -1.85	26.95 -0.55 -0.92	28.68 -0.60 -0.49	41.37 -0.85 0.00	38.13 -0.80 -0.11	28.13 -0.65 0.00	26.12 -0.58 -0.13	22.92 -0.46 0.00	22.14 -0.44 0.00	20.66 -0.41 -0.09
OSWEGO___6 23613	24.94 -0.46 -0.93	22.51 -0.39 -1.06	18.45 -0.30 -0.87	2.01 0.04 -4.44	0.61 0.07 -5.24	0.88 0.06 -4.98	4.80 0.00 -5.09	25.09 -0.42 -0.36	14.85 -0.20 -1.24	19.79 -0.28 0.00	18.89 -0.25 -0.66	17.18 -0.24 -0.74	17.36 -0.26 -0.99	11.74 -0.15 -3.04	18.01 -0.30 -1.85	26.95 -0.55 -0.92	28.68 -0.60 -0.49	41.37 -0.85 0.00	38.13 -0.80 -0.11	28.13 -0.65 0.00	26.12 -0.58 -0.13	22.92 -0.46 0.00	22.14 -0.44 0.00	20.66 -0.41 -0.09
OUTOKUMPU-AB___DRP 24206	24.84 -0.99 -1.36	22.80 -0.59 -1.55	18.85 -0.31 -1.28	4.08 0.04 -6.51	3.01 0.03 -7.68	3.18 0.04 -7.30	7.17 0.00 -7.46	24.88 -0.80 -0.53	15.38 -0.25 -1.82	19.80 -0.27 0.00	19.20 -0.25 -0.97	17.51 -0.25 -1.09	17.73 -0.35 -1.45	12.98 -0.32 -4.46	18.45 -0.72 -2.71	26.57 -1.36 -1.34	28.25 -1.26 -0.72	40.80 -1.42 0.00	37.43 -1.55 -0.16	27.11 -1.67 0.00	25.27 -1.48 -0.19	22.22 -1.16 0.00	21.62 -0.96 0.00	20.41 -0.70 -0.13
OXBOW___ 24026	24.67 -1.16 -1.35	22.64 -0.74 -1.54	18.73 -0.43 -1.27	4.07 0.05 -6.48	3.00 0.06 -7.65	3.17 0.07 -7.27	7.14 0.00 -7.44	24.67 -1.01 -0.53	15.27 -0.36 -1.82	19.64 -0.43 0.00	19.06 -0.39 -0.97	17.40 -0.36 -1.09	17.62 -0.45 -1.45	12.90 -0.39 -4.45	18.33 -0.84 -2.70	26.35 -1.57 -1.34	27.99 -1.51 -0.72	40.34 -1.88 0.00	37.00 -1.98 -0.15	26.79 -1.99 0.00	24.97 -1.78 -0.19	21.95 -1.43 0.00	21.36 -1.22 0.00	20.20 -0.91 -0.13
OXY_CHEM_DSASP 323612	24.35 -1.48 -1.35	22.35 -1.03 -1.54	18.49 -0.66 -1.27	4.06 0.08 -6.46	3.01 0.11 -7.62	3.19 0.11 -7.24	7.11 0.00 -7.40	24.31 -1.36 -0.53	15.08 -0.55 -1.81	19.37 -0.70 0.00	18.80 -0.64 -0.96	17.19 -0.57 -1.08	17.41 -0.65 -1.44	12.76 -0.51 -4.43	18.11 -1.04 -2.69	25.98 -1.94 -1.33	27.54 -1.96 -0.71	39.59 -2.63 0.00	36.31 -2.68 -0.15	26.28 -2.50 0.00	24.51 -2.24 -0.19	21.55 -1.83 0.00	20.99 -1.59 0.00	19.89 -1.22 -0.13
OZONE_PARK_ESR 323760	31.75 1.57 -5.70	29.78 1.44 -6.50	24.43 1.17 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.04 -0.02 -31.36	29.02 1.63 -2.24	22.34 0.86 -7.66	21.36 1.28 0.00	23.79 1.23 -4.07	22.39 1.13 -4.59	23.85 1.13 -6.10	28.15 0.56 -18.75	28.89 1.05 -11.37	33.94 1.70 -5.65	33.74 1.92 -3.04	44.98 2.76 0.00	42.17 2.69 -0.66	30.75 1.97 0.00	29.07 1.70 -0.81	24.99 1.61 0.00	24.06 1.48 0.00	22.85 1.33 -0.54

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.35 -1.48 -1.35	22.35 -1.03 -1.54	18.49 -0.66 -1.27	4.06 0.08 -6.46	3.01 0.11 -7.62	3.19 0.11 -7.24	7.11 0.00 -7.40	24.31 -1.36 -0.53	15.08 -0.55 -1.81	19.37 -0.70 0.00	18.80 -0.64 -0.96	17.19 -0.57 -1.08	17.41 -0.65 -1.44	12.76 -0.51 -4.43	18.11 -1.04 -2.69	25.98 -1.94 -1.33	27.54 -1.96 -0.71	39.59 -2.63 0.00	36.31 -2.68 -0.15	26.28 -2.50 0.00	24.51 -2.24 -0.19	21.55 -1.83 0.00	20.99 -1.59 0.00	19.89 -1.22 -0.13
PACKARD__115KV_DUPONT_184 80571	24.35 -1.48 -1.35	22.35 -1.03 -1.54	18.49 -0.66 -1.27	4.06 0.08 -6.46	3.01 0.11 -7.62	3.19 0.11 -7.24	7.11 0.00 -7.40	24.31 -1.36 -0.53	15.08 -0.55 -1.81	19.37 -0.70 0.00	18.80 -0.64 -0.96	17.19 -0.57 -1.08	17.41 -0.65 -1.44	12.76 -0.51 -4.43	18.11 -1.04 -2.69	25.98 -1.94 -1.33	27.54 -1.96 -0.71	39.59 -2.63 0.00	36.31 -2.68 -0.15	26.28 -2.50 0.00	24.51 -2.24 -0.19	21.55 -1.83 0.00	20.99 -1.59 0.00	19.89 -1.22 -0.13
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.54 1.36 -5.70	29.60 1.26 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.84 1.46 -2.24	22.24 0.76 -7.66	21.19 1.12 0.00	23.69 1.12 -4.07	22.25 0.98 -4.59	23.70 0.97 -6.10	28.07 0.47 -18.75	28.75 0.92 -11.37	33.72 1.49 -5.65	33.50 1.68 -3.04	44.57 2.36 0.00	41.83 2.34 -0.66	30.48 1.70 0.00	28.84 1.47 -0.81	24.80 1.42 0.00	23.90 1.31 0.00	22.71 1.19 -0.54
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.71 1.54 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.25 -0.31 -32.27	26.24 -0.28 -30.68	31.04 -0.02 -31.36	29.04 1.66 -2.24	22.34 0.86 -7.66	21.33 1.26 0.00	23.74 1.18 -4.07	22.29 1.02 -4.59	23.72 1.00 -6.10	28.08 0.49 -18.75	28.77 0.94 -11.37	33.79 1.56 -5.65	33.60 1.78 -3.04	44.70 2.48 0.00	41.95 2.46 -0.66	30.49 1.71 0.00	28.91 1.55 -0.81	24.84 1.46 0.00	23.95 1.37 0.00	22.75 1.23 -0.54
PATROON__115KV_TB1 80586	31.80 0.45 -6.87	30.09 0.40 -7.85	24.73 0.36 -6.49	30.48 -0.05 -33.00	34.14 -0.09 -38.94	32.78 -0.08 -37.02	37.54 0.00 -37.84	28.35 0.50 -2.70	23.36 0.30 -9.25	20.51 0.43 0.00	23.84 0.44 -4.92	22.62 0.41 -5.54	24.37 0.39 -7.37	31.67 0.19 -22.63	30.58 0.39 -13.72	34.04 0.64 -6.82	33.14 0.68 -3.67	43.26 1.05 0.00	40.63 1.02 -0.79	29.52 0.74 0.00	28.21 0.67 -0.97	23.96 0.58 0.00	23.14 0.56 0.00	22.13 0.50 -0.65
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.21 -0.66 -1.40	23.09 -0.35 -1.60	19.07 -0.13 -1.32	4.28 0.02 -6.73	3.24 0.01 -7.94	3.39 0.01 -7.55	7.42 0.00 -7.71	25.25 -0.45 -0.55	15.64 -0.06 -1.89	20.08 0.01 0.00	19.49 0.00 -1.00	17.72 -0.08 -1.13	17.93 -0.20 -1.50	13.24 -0.22 -4.61	18.76 -0.50 -2.80	26.98 -1.00 -1.39	28.67 -0.85 -0.75	41.54 -0.68 0.00	38.12 -0.87 -0.16	27.69 -1.08 0.00	25.79 -0.97 -0.20	22.68 -0.70 0.00	22.07 -0.51 0.00	20.76 -0.36 -0.13
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.63 1.42 -5.74	29.69 1.30 -6.55	24.37 1.07 -5.42	24.93 -0.15 -27.54	27.51 -0.28 -32.50	26.48 -0.25 -30.90	31.27 -0.02 -31.58	28.94 1.55 -2.25	22.35 0.82 -7.72	21.29 1.21 0.00	23.72 1.13 -4.10	22.30 1.01 -4.62	23.77 1.00 -6.15	28.24 0.51 -18.88	28.91 0.99 -11.45	33.89 1.61 -5.69	33.67 1.83 -3.06	44.94 2.73 0.00	42.11 2.62 -0.66	30.67 1.90 0.00	29.00 1.63 -0.81	24.87 1.49 0.00	23.97 1.39 0.00	22.75 1.22 -0.54
PEEKSKILL____ 23653	31.27 1.17 -5.62	29.34 1.09 -6.42	24.07 0.88 -5.31	24.41 -0.12 -26.99	26.92 -0.23 -31.85	25.91 -0.21 -30.28	30.64 -0.02 -30.95	28.61 1.26 -2.21	22.03 0.65 -7.56	21.04 0.96 0.00	23.42 0.92 -4.02	22.03 0.82 -4.53	23.47 0.82 -6.02	27.76 0.41 -18.51	28.48 0.79 -11.22	33.44 1.28 -5.58	33.21 1.43 -3.00	44.28 2.06 0.00	41.49 2.02 -0.65	30.23 1.46 0.00	28.60 1.24 -0.80	24.55 1.18 0.00	23.69 1.12 0.00	22.49 0.98 -0.53
PGE MADISON__WINDPWR 24146	28.43 1.65 -2.31	25.91 1.44 -2.64	21.34 1.28 -2.18	8.45 -0.18 -11.09	8.03 -0.35 -13.09	7.96 -0.31 -12.44	12.41 -0.02 -12.72	28.08 2.02 -0.91	18.09 1.17 -3.11	21.72 1.65 0.00	21.70 1.56 -1.65	19.71 1.17 -1.86	20.12 1.01 -2.48	16.99 0.54 -7.60	22.02 0.94 -4.61	30.81 1.94 -2.29	32.59 2.57 -1.23	46.14 3.92 0.00	42.77 3.68 -0.27	31.31 2.54 0.00	29.48 2.59 -0.33	25.66 2.28 0.00	24.60 2.02 0.00	22.96 1.76 -0.22
PIERCEFIELD__HYD 23852	24.60 -0.16 -0.29	21.21 -0.95 -0.33	17.02 -1.13 -0.27	-0.90 0.20 -1.37	-2.69 0.39 -1.62	-2.28 0.35 -1.54	1.30 0.02 -1.57	23.51 -1.75 -0.11	13.06 -1.14 -0.39	18.17 -1.91 0.00	16.53 -2.16 -0.20	15.19 -1.72 -0.23	15.42 -1.51 -0.30	9.16 -0.63 -0.94	16.10 -0.94 -0.57	26.23 -0.63 -0.28	28.19 -0.75 -0.15	40.88 -1.34 0.00	37.26 -1.59 -0.03	28.56 -0.22 0.00	26.50 -0.10 -0.04	22.38 -1.00 0.00	21.37 -1.21 0.00	20.14 -0.87 -0.03
PINELAWN_CC_1 323563	32.12 1.94 -5.70	29.98 1.63 -6.50	24.63 1.37 -5.38	24.70 -0.18 -27.35	27.22 -0.34 -32.27	26.20 -0.32 -30.68	31.04 -0.02 -31.36	29.37 1.98 -2.24	22.52 1.04 -7.66	21.54 1.47 0.00	23.88 1.32 -4.07	22.45 1.18 -4.59	23.89 1.16 -6.10	28.21 0.61 -18.75	29.16 1.32 -11.37	34.50 2.27 -5.65	36.55 2.64 -5.13	55.68 3.50 -9.96	53.59 3.25 -11.52	47.03 2.39 -15.86	30.95 1.78 -2.61	25.62 1.69 -0.55	24.16 1.58 0.00	22.92 1.40 -0.54
PJM_GEN_HTP_PROXY 323702	31.52 1.35 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.79 1.41 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.60 1.04 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.67 1.44 -5.65	33.44 1.62 -3.04	44.53 2.32 0.00	41.74 2.26 -0.66	30.42 1.64 0.00	28.78 1.42 -0.81	24.73 1.35 0.00	23.84 1.26 0.00	22.65 1.13 -0.54
PJM_GEN_KEystone 24065	28.30 0.23 -3.60	26.30 0.35 -4.11	21.61 0.34 -3.40	14.76 -0.04 -17.27	15.58 -0.09 -20.38	15.13 -0.08 -19.37	19.50 0.00 -19.80	26.91 0.36 -1.41	18.90 0.24 -4.84	20.46 0.39 0.00	21.44 0.38 -2.57	19.87 0.30 -2.90	20.74 0.26 -3.85	20.77 0.08 -11.84	23.74 0.09 -7.18	30.19 0.04 -3.57	30.79 0.08 -1.92	42.51 0.30 0.00	39.48 0.24 -0.42	28.79 0.01 0.00	27.02 -0.05 -0.51	23.49 0.11 0.00	22.77 0.19 0.00	21.55 0.23 -0.34
PJM_GEN_NEPTUNE_PROXY 323594	31.79 1.61 -5.70	29.71 1.37 -6.50	24.40 1.14 -5.38	24.73 -0.15 -27.35	27.28 -0.28 -32.27	26.26 -0.26 -30.68	31.05 -0.02 -31.36	29.03 1.65 -2.24	22.33 0.85 -7.66	21.31 1.24 0.00	23.70 1.14 -4.07	22.29 1.03 -4.59	23.75 1.02 -6.10	28.12 0.53 -18.75	28.96 1.12 -11.37	34.14 1.90 -5.65	34.52 2.19 -3.55	45.06 2.85 0.00	42.10 2.62 -0.66	30.66 1.89 0.00	28.78 1.41 -0.81	24.75 1.37 0.00	23.86 1.28 0.00	22.65 1.13 -0.54
PJM_GEN_VFT_PROXY 323633	31.42 1.25 -5.70	29.50 1.16 -6.50	24.21 0.95 -5.38	24.75 -0.13 -27.35	27.33 -0.23 -32.27	26.30 -0.21 -30.68	31.05 -0.01 -31.36	28.68 1.30 -2.24	22.15 0.67 -7.66	21.07 1.00 0.00	23.52 0.96 -4.07	22.14 0.88 -4.59	23.61 0.88 -6.10	28.03 0.43 -18.75	28.65 0.81 -11.37	33.54 1.30 -5.65	33.28 1.46 -3.04	44.26 2.04 0.00	41.50 2.02 -0.66	30.23 1.46 0.00	28.63 1.27 -0.81	24.62 1.24 0.00	23.72 1.14 0.00	22.55 1.03 -0.54

PLATSBRG_115KV_PMLD1 355749	24.72 0.03 -0.21	21.17 -0.91 -0.24	16.96 -1.12 -0.20	-1.25 0.20 -1.02	-3.09 0.41 -1.21	-2.66 0.36 -1.15	0.90 0.03 -1.17	23.21 -2.02 -0.08	12.72 -1.38 -0.28	17.79 -2.28 0.00	16.05 -2.59 -0.15	14.72 -2.12 -0.17	14.97 -1.88 -0.23	8.80 -0.74 -0.70	15.86 -1.03 -0.42	26.39 -0.40 -0.21	28.40 -0.49 -0.11	41.39 -0.83 0.00	37.75 -1.10 -0.03	28.86 0.09 0.00	26.44 -0.15 -0.03	22.41 -0.97 0.00	21.39 -1.19 0.00	20.28 -0.72 -0.02
PLEASANTVLY___LBMP 24000	31.42 1.04 -5.90	29.54 0.97 -6.74	24.24 0.79 -5.57	25.76 -0.11 -28.34	28.53 -0.20 -33.44	27.44 -0.18 -31.79	32.19 -0.01 -32.49	28.57 1.11 -2.32	22.34 0.59 -7.94	20.96 0.89 0.00	23.54 0.83 -4.22	22.19 0.76 -4.75	23.70 0.75 -6.33	28.65 0.37 -19.43	28.98 0.73 -11.78	33.62 1.18 -5.86	33.24 1.31 -3.15	44.12 1.90 0.00	41.39 1.88 -0.68	30.15 1.38 0.00	28.57 1.17 -0.84	24.47 1.09 0.00	23.62 1.04 0.00	22.46 0.92 -0.56
PLSNTVLE_13_KV_13.8KVDIST 80602	31.45 1.25 -5.72	29.51 1.15 -6.53	24.22 0.93 -5.40	24.86 -0.13 -27.46	27.45 -0.23 -32.40	26.42 -0.21 -30.80	31.17 -0.01 -31.48	28.70 1.31 -2.24	22.20 0.69 -7.69	21.12 1.04 0.00	23.56 0.98 -4.09	22.17 0.89 -4.60	23.64 0.89 -6.13	28.11 0.44 -18.83	28.73 0.85 -11.42	33.64 1.38 -5.68	33.39 1.55 -3.05	44.49 2.27 0.00	41.70 2.21 -0.66	30.39 1.61 0.00	28.74 1.37 -0.81	24.66 1.28 0.00	23.78 1.20 0.00	22.58 1.06 -0.54
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.45 1.25 -5.72	29.51 1.15 -6.53	24.22 0.93 -5.40	24.86 -0.13 -27.46	27.45 -0.23 -32.40	26.42 -0.21 -30.80	31.17 -0.01 -31.48	28.70 1.31 -2.24	22.20 0.69 -7.69	21.12 1.04 0.00	23.56 0.98 -4.09	22.17 0.89 -4.60	23.64 0.89 -6.13	28.11 0.44 -18.83	28.73 0.85 -11.42	33.64 1.38 -5.68	33.39 1.55 -3.05	44.49 2.27 0.00	41.70 2.21 -0.66	30.39 1.61 0.00	28.74 1.37 -0.81	24.66 1.28 0.00	23.78 1.20 0.00	22.58 1.06 -0.54
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.50 1.25 -5.78	29.59 1.16 -6.59	24.28 0.95 -5.45	25.14 -0.13 -27.73	27.77 -0.24 -32.72	26.72 -0.22 -31.11	31.49 -0.02 -31.80	28.77 1.36 -2.27	22.30 0.71 -7.77	21.11 1.04 0.00	23.58 0.96 -4.13	22.19 0.86 -4.65	23.66 0.84 -6.19	28.31 0.45 -19.01	28.87 0.88 -11.53	33.75 1.44 -5.73	33.50 1.63 -3.08	44.63 2.41 0.00	41.84 2.34 -0.67	30.48 1.70 0.00	28.84 1.46 -0.82	24.71 1.33 0.00	23.82 1.25 0.00	22.62 1.10 -0.54
POLETTI____ 23519	31.47 1.29 -5.70	29.53 1.19 -6.50	24.23 0.97 -5.38	24.75 -0.13 -27.35	27.32 -0.24 -32.27	26.29 -0.22 -30.68	31.05 -0.02 -31.36	28.71 1.33 -2.24	22.17 0.69 -7.66	21.11 1.03 0.00	23.57 1.01 -4.07	22.19 0.93 -4.59	23.68 0.95 -6.10	28.05 0.45 -18.75	28.68 0.84 -11.37	33.60 1.37 -5.65	33.37 1.55 -3.04	44.38 2.17 0.00	41.63 2.14 -0.66	30.35 1.57 0.00	28.71 1.34 -0.81	24.66 1.29 0.00	23.76 1.18 0.00	22.59 1.07 -0.54
POMONA___ESR 323819	31.28 1.27 -5.53	29.34 1.19 -6.31	24.07 0.97 -5.22	23.94 -0.13 -26.54	26.36 -0.24 -31.32	25.38 -0.22 -29.77	30.12 -0.02 -30.43	28.68 1.36 -2.17	21.96 0.71 -7.44	21.13 1.05 0.00	23.44 1.00 -3.95	22.04 0.91 -4.45	23.44 0.90 -5.92	27.49 0.45 -18.20	28.37 0.87 -11.03	33.48 1.41 -5.49	33.30 1.57 -2.95	44.48 2.26 0.00	41.68 2.21 -0.64	30.36 1.59 0.00	28.71 1.37 -0.78	24.67 1.29 0.00	23.80 1.22 0.00	22.58 1.08 -0.52
PORT_JEFF_3 23555	32.25 2.07 -5.70	30.08 1.74 -6.50	24.74 1.48 -5.38	24.68 -0.20 -27.35	27.20 -0.37 -32.27	26.18 -0.34 -30.68	31.04 -0.03 -31.36	29.53 2.15 -2.24	22.62 1.14 -7.66	21.66 1.59 0.00	23.98 1.42 -4.07	22.52 1.26 -4.59	23.97 1.24 -6.10	28.25 0.65 -18.75	29.26 1.42 -11.37	34.66 2.42 -5.65	36.94 2.81 -5.35	283.42 3.73 -237.47	301.87 3.40 -259.64	409.73 2.55 -378.40	72.26 1.86 -43.84	38.26 1.78 -13.09	24.28 1.69 0.00	23.02 1.50 -0.54
PORT_JEFF_4 23616	32.25 2.07 -5.70	30.08 1.74 -6.50	24.74 1.48 -5.38	24.68 -0.20 -27.35	27.20 -0.37 -32.27	26.18 -0.34 -30.68	31.04 -0.03 -31.36	29.53 2.15 -2.24	22.62 1.14 -7.66	21.66 1.59 0.00	23.98 1.42 -4.07	22.52 1.26 -4.59	23.97 1.24 -6.10	28.25 0.65 -18.75	29.26 1.42 -11.37	34.66 2.42 -5.65	36.94 2.81 -5.35	283.42 3.73 -237.47	301.87 3.40 -259.64	409.73 2.55 -378.40	72.26 1.86 -43.84	38.26 1.78 -13.09	24.28 1.69 0.00	23.02 1.50 -0.54
PORT_JEFF_IC 23713	32.27 2.10 -5.70	30.10 1.76 -6.50	24.75 1.49 -5.38	24.68 -0.20 -27.35	27.19 -0.37 -32.27	26.17 -0.35 -30.68	31.04 -0.03 -31.36	29.56 2.18 -2.24	22.63 1.16 -7.66	21.68 1.61 0.00	24.00 1.44 -4.07	22.54 1.27 -4.59	23.99 1.26 -6.10	28.26 0.66 -18.75	29.28 1.44 -11.37	34.70 2.46 -5.65	36.92 2.79 -5.35	296.13 3.73 -250.19	315.74 3.40 -273.51	429.99 2.54 -398.67	74.54 1.84 -46.14	38.98 1.81 -13.79	24.29 1.71 0.00	23.04 1.51 -0.54
PPL PILGRIM_ST_GT1 24216	32.36 2.19 -5.70	30.19 1.84 -6.50	24.80 1.54 -5.38	24.67 -0.21 -27.35	27.17 -0.39 -32.27	26.16 -0.36 -30.68	31.04 -0.02 -31.36	29.65 2.27 -2.24	22.67 1.19 -7.66	21.74 1.67 0.00	24.06 1.50 -4.07	22.60 1.34 -4.59	24.04 1.32 -6.10	28.30 0.70 -18.75	29.33 1.50 -11.37	34.82 2.59 -5.65	36.92 2.90 -5.24	69.08 3.61 -23.26	68.41 3.56 -26.02	68.43 2.59 -37.06	33.56 1.98 -5.02	26.61 1.95 -1.28	24.40 1.82 0.00	23.14 1.62 -0.54
PPL PILGRIM_ST_GT2 24217	32.36 2.19 -5.70	30.19 1.84 -6.50	24.80 1.54 -5.38	24.67 -0.21 -27.35	27.17 -0.39 -32.27	26.16 -0.36 -30.68	31.04 -0.02 -31.36	29.65 2.27 -2.24	22.67 1.19 -7.66	21.74 1.67 0.00	24.06 1.50 -4.07	22.60 1.34 -4.59	24.04 1.32 -6.10	28.30 0.70 -18.75	29.33 1.50 -11.37	34.82 2.59 -5.65	36.92 2.90 -5.24	69.08 3.61 -23.26	68.41 3.56 -26.02	68.43 2.59 -37.06	33.56 1.98 -5.02	26.61 1.95 -1.28	24.40 1.82 0.00	23.14 1.62 -0.54
PPL_SHRM_GT3 24213	32.39 2.21 -5.70	30.21 1.86 -6.50	24.86 1.60 -5.38	24.67 -0.22 -27.35	27.17 -0.40 -32.27	26.15 -0.37 -30.68	31.04 -0.03 -31.36	29.69 2.31 -2.24	22.70 1.22 -7.66	21.76 1.69 0.00	24.04 1.49 -4.07	22.57 1.31 -4.59	24.02 1.29 -6.10	28.27 0.67 -18.75	29.33 1.49 -11.37	34.79 2.56 -5.65	37.17 3.04 -5.34	281.94 3.93 -235.79	300.00 3.37 -257.81	407.33 2.83 -375.73	72.10 2.01 -43.54	38.21 1.83 -13.00	24.33 1.75 0.00	23.07 1.55 -0.54
PPL_SHRM_GT4 24214	32.39 2.21 -5.70	30.21 1.86 -6.50	24.86 1.60 -5.38	24.67 -0.22 -27.35	27.17 -0.40 -32.27	26.15 -0.37 -30.68	31.04 -0.03 -31.36	29.69 2.31 -2.24	22.70 1.22 -7.66	21.76 1.69 0.00	24.04 1.49 -4.07	22.57 1.31 -4.59	24.02 1.29 -6.10	28.27 0.67 -18.75	29.33 1.49 -11.37	34.79 2.56 -5.65	37.17 3.04 -5.34	281.94 3.93 -235.79	300.00 3.37 -257.81	407.33 2.83 -375.73	72.10 2.01 -43.54	38.21 1.83 -13.00	24.33 1.75 0.00	23.07 1.55 -0.54
PROJECT___ORANGE 1 24174	25.38 -0.17 -1.07	22.95 -0.11 -1.22	18.82 -0.07 -1.01	2.67 0.01 -5.13	1.36 0.01 -6.06	1.60 0.00 -5.76	5.59 0.00 -5.88	25.50 -0.07 -0.42	15.24 -0.01 -1.44	20.09 0.02 0.00	19.29 0.04 -0.76	17.56 0.02 -0.86	17.76 -0.02 -1.15	12.33 -0.04 -3.52	18.52 -0.08 -2.13	27.46 -0.18 -1.06	29.15 -0.21 -0.57	41.91 -0.31 0.00	38.63 -0.32 -0.12	28.44 -0.33 0.00	26.46 -0.25 -0.15	23.24 -0.14 0.00	22.45 -0.13 0.00	20.96 -0.12 -0.10

PROJECT___ORANGE 2 24166	25.38 -0.17 -1.07	22.95 -0.11 -1.22	18.82 -0.07 -1.01	2.67 0.01 -5.13	1.36 0.01 -6.06	1.60 0.00 -5.76	5.59 0.00 -5.88	25.50 -0.07 -0.42	15.24 -0.01 -1.44	20.09 0.02 0.00	19.29 0.04 -0.76	17.56 0.02 -0.86	17.76 -0.02 -1.15	12.33 -0.04 -3.52	18.52 -0.08 -2.13	27.46 -0.18 -1.06	29.15 -0.21 -0.57	41.91 -0.31 0.00	38.63 -0.32 -0.12	28.44 -0.33 0.00	26.46 -0.25 -0.15	23.24 -0.14 0.00	22.45 -0.13 0.00	20.96 -0.12 -0.10
PUCKETT___SOLAR 323809	27.55 0.60 -2.47	25.24 0.58 -2.82	20.72 0.51 -2.34	9.33 -0.07 -11.87	9.16 -0.14 -14.01	9.03 -0.12 -13.32	13.31 0.00 -13.61	26.86 0.74 -0.97	17.54 0.40 -3.33	20.59 0.51 0.00	20.80 0.55 -1.77	19.12 0.45 -1.99	19.62 0.34 -2.65	17.19 0.20 -8.14	21.75 0.35 -4.94	29.59 0.56 -2.45	30.92 0.82 -1.32	43.53 1.31 0.00	40.33 1.21 -0.28	29.59 0.81 0.00	27.70 0.79 -0.35	24.14 0.76 0.00	23.29 0.71 0.00	21.85 0.63 -0.23
PYRITES___HYD 24023	24.96 0.21 -0.28	21.49 -0.66 -0.32	17.23 -0.92 -0.26	-0.97 0.17 -1.33	-2.79 0.34 -1.57	-2.37 0.30 -1.50	1.26 0.02 -1.53	23.83 -1.42 -0.11	13.21 -0.97 -0.37	18.41 -1.67 0.00	16.76 -1.93 -0.20	15.41 -1.49 -0.22	15.61 -1.31 -0.30	9.22 -0.54 -0.91	16.28 -0.74 -0.55	26.60 -0.26 -0.28	28.64 -0.29 -0.15	41.60 -0.62 0.00	37.89 -0.97 -0.03	28.99 0.22 0.00	26.99 0.40 -0.04	22.76 -0.62 0.00	21.71 -0.88 0.00	20.43 -0.58 -0.03
QUAKERRD_115KV_BK1 80622	24.77 -0.92 -1.22	22.54 -0.69 -1.39	18.54 -0.49 -1.15	3.44 0.06 -5.84	2.29 0.10 -6.89	2.48 0.09 -6.55	6.41 0.01 -6.70	24.84 -0.78 -0.48	15.11 -0.34 -1.64	19.64 -0.43 0.00	19.00 -0.36 -0.87	17.30 -0.36 -0.98	17.53 -0.40 -1.31	12.60 -0.25 -4.01	18.32 -0.58 -2.43	26.76 -1.03 -1.21	28.41 -1.02 -0.65	40.95 -1.27 0.00	37.67 -1.30 -0.14	27.52 -1.25 0.00	25.60 -1.13 -0.17	22.44 -0.94 0.00	21.72 -0.86 0.00	20.36 -0.74 -0.11
QUENSBRY_115KV_TB8 356137	33.35 1.85 -7.02	31.48 1.63 -8.02	25.86 1.35 -6.63	31.07 -0.18 -33.72	34.73 -0.34 -39.78	33.34 -0.31 -37.82	38.35 -0.02 -38.66	29.78 1.88 -2.76	24.25 0.99 -9.45	21.56 1.49 0.00	24.84 1.33 -5.02	23.50 1.16 -5.66	25.39 1.24 -7.53	32.64 0.67 -23.12	31.79 1.30 -14.02	35.67 2.12 -6.97	34.85 2.32 -3.75	45.69 3.47 0.00	42.72 3.08 -0.81	30.87 2.09 0.00	29.35 1.79 -1.00	24.88 1.50 0.00	24.24 1.66 0.00	23.22 1.57 -0.66
RAMAPO___LBMP 323565	30.86 1.03 -5.35	28.94 0.99 -6.11	23.74 0.81 -5.05	23.10 -0.11 -25.68	25.38 -0.21 -30.30	24.45 -0.19 -28.80	29.13 -0.02 -29.44	28.39 1.15 -2.10	21.59 0.58 -7.20	20.92 0.85 0.00	23.11 0.80 -3.82	21.69 0.70 -4.31	23.06 0.70 -5.73	26.81 0.36 -17.61	27.83 0.68 -10.68	32.99 1.10 -5.31	32.83 1.20 -2.85	43.92 1.70 0.00	41.15 1.71 -0.62	30.01 1.23 0.00	28.35 1.03 -0.76	24.37 0.99 0.00	23.55 0.97 0.00	22.32 0.84 -0.50
RANKINE____ 23646	25.00 -0.87 -1.39	22.93 -0.49 -1.59	18.94 -0.26 -1.31	4.24 0.03 -6.68	3.20 0.03 -7.87	3.35 0.02 -7.49	7.36 0.00 -7.65	25.08 -0.62 -0.55	15.52 -0.16 -1.87	19.91 -0.16 0.00	19.33 -0.15 -0.99	17.58 -0.21 -1.12	17.79 -0.32 -1.49	13.13 -0.29 -4.58	18.60 -0.64 -2.78	26.78 -1.17 -1.38	28.48 -1.05 -0.74	41.23 -0.99 0.00	37.85 -1.13 -0.16	27.48 -1.30 0.00	25.58 -1.17 -0.20	22.50 -0.88 0.00	21.89 -0.68 0.00	20.62 -0.49 -0.13
RAVENSWOOD_GT2_1 24244	31.52 1.34 -5.70	29.57 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.24 0.97 -4.59	23.70 0.97 -6.10	28.07 0.47 -18.75	28.74 0.90 -11.37	33.69 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT2_2 24245	31.52 1.34 -5.70	29.57 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.24 0.97 -4.59	23.70 0.97 -6.10	28.07 0.47 -18.75	28.74 0.90 -11.37	33.69 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT2_3 24246	31.52 1.35 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.79 1.41 -2.24	22.22 0.74 -7.66	21.18 1.11 0.00	23.63 1.07 -4.07	22.24 0.98 -4.59	23.71 0.98 -6.10	28.07 0.48 -18.75	28.75 0.91 -11.37	33.71 1.47 -5.65	33.48 1.65 -3.04	44.57 2.35 0.00	41.78 2.30 -0.66	30.46 1.69 0.00	28.81 1.44 -0.81	24.76 1.38 0.00	23.86 1.28 0.00	22.66 1.14 -0.54
RAVENSWOOD_GT2_4 24247	31.52 1.35 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.79 1.41 -2.24	22.22 0.74 -7.66	21.18 1.11 0.00	23.63 1.07 -4.07	22.24 0.98 -4.59	23.71 0.98 -6.10	28.07 0.48 -18.75	28.75 0.91 -11.37	33.71 1.47 -5.65	33.48 1.65 -3.04	44.57 2.35 0.00	41.78 2.30 -0.66	30.46 1.69 0.00	28.81 1.44 -0.81	24.76 1.38 0.00	23.86 1.28 0.00	22.66 1.14 -0.54
RAVENSWOOD_GT3_1 24248	31.52 1.34 -5.70	29.57 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.74 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.24 0.97 -4.59	23.70 0.97 -6.10	28.07 0.47 -18.75	28.74 0.90 -11.37	33.69 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT3_2 24249	31.52 1.34 -5.70	29.57 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.74 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.24 0.97 -4.59	23.70 0.97 -6.10	28.07 0.47 -18.75	28.74 0.90 -11.37	33.69 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT3_3 24250	31.55 1.37 -5.70	29.60 1.26 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.82 1.44 -2.24	22.23 0.75 -7.66	21.21 1.13 0.00	23.65 1.09 -4.07	22.26 0.99 -4.59	23.73 1.00 -6.10	28.08 0.49 -18.75	28.76 0.93 -11.37	33.74 1.50 -5.65	33.51 1.69 -3.04	44.62 2.40 0.00	41.84 2.35 -0.66	30.50 1.72 0.00	28.84 1.47 -0.81	24.78 1.40 0.00	23.88 1.30 0.00	22.68 1.16 -0.54
RAVENSWOOD_GT3_4 24251	31.55 1.37 -5.70	29.60 1.26 -6.50	24.29 1.03 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.82 1.44 -2.24	22.23 0.75 -7.66	21.21 1.13 0.00	23.65 1.09 -4.07	22.26 0.99 -4.59	23.73 1.00 -6.10	28.08 0.49 -18.75	28.76 0.93 -11.37	33.74 1.50 -5.65	33.51 1.69 -3.04	44.62 2.40 0.00	41.84 2.35 -0.66	30.50 1.72 0.00	28.84 1.47 -0.81	24.78 1.40 0.00	23.88 1.30 0.00	22.68 1.16 -0.54



RAVENSWOOD_GT_1 23729	31.57 1.40 -5.70	29.63 1.29 -6.50	24.31 1.05 -5.38	24.74 -0.15 -27.35	27.29 -0.27 -32.27	26.27 -0.24 -30.68	31.05 -0.02 -31.36	28.86 1.47 -2.24	22.25 0.78 -7.66	21.23 1.16 0.00	23.69 1.13 -4.07	22.29 1.02 -4.59	23.75 1.02 -6.10	28.08 0.49 -18.75	28.78 0.94 -11.37	33.75 1.52 -5.65	33.53 1.71 -3.04	44.63 2.41 0.00	41.87 2.39 -0.66	30.52 1.75 0.00	28.86 1.50 -0.81	24.82 1.44 0.00	23.91 1.33 0.00	22.72 1.19 -0.54
RAVENSWOOD_GT_10 24258	31.52 1.34 -5.70	29.57 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.24 0.97 -4.59	23.70 0.97 -6.10	28.07 0.47 -18.75	28.74 0.90 -11.37	33.69 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT_11 24259	31.52 1.34 -5.70	29.57 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.24 0.97 -4.59	23.70 0.97 -6.10	28.07 0.47 -18.75	28.74 0.90 -11.37	33.69 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT_4 24252	31.52 1.35 -5.70	29.58 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.23 0.97 -4.59	23.70 0.97 -6.10	28.07 0.48 -18.75	28.74 0.90 -11.37	33.70 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT_5 24254	31.52 1.35 -5.70	29.58 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.23 0.97 -4.59	23.70 0.97 -6.10	28.07 0.48 -18.75	28.74 0.90 -11.37	33.70 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT_6 24253	31.52 1.35 -5.70	29.58 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.23 0.97 -4.59	23.70 0.97 -6.10	28.07 0.48 -18.75	28.74 0.90 -11.37	33.70 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT_7 24255	31.52 1.35 -5.70	29.58 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.23 0.97 -4.59	23.70 0.97 -6.10	28.07 0.48 -18.75	28.74 0.90 -11.37	33.70 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.52 1.34 -5.70	29.57 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.24 0.97 -4.59	23.70 0.97 -6.10	28.07 0.47 -18.75	28.74 0.90 -11.37	33.69 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD_GT_9 24257	31.52 1.34 -5.70	29.57 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.62 1.06 -4.07	22.24 0.97 -4.59	23.70 0.97 -6.10	28.07 0.47 -18.75	28.74 0.90 -11.37	33.69 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.78 2.29 -0.66	30.45 1.67 0.00	28.80 1.43 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD___1 23533	31.52 1.35 -5.70	29.58 1.24 -6.50	24.28 1.02 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.80 1.42 -2.24	22.23 0.75 -7.66	21.20 1.12 0.00	23.65 1.09 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.70 1.47 -5.65	33.47 1.65 -3.04	44.55 2.33 0.00	41.78 2.30 -0.66	30.45 1.67 0.00	28.81 1.44 -0.81	24.77 1.39 0.00	23.87 1.29 0.00	22.67 1.15 -0.54
RAVENSWOOD___2 23534	31.52 1.35 -5.70	29.58 1.24 -6.50	24.28 1.02 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.80 1.42 -2.24	22.23 0.75 -7.66	21.20 1.12 0.00	23.65 1.09 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.70 1.47 -5.65	33.47 1.65 -3.04	44.55 2.33 0.00	41.78 2.30 -0.66	30.45 1.67 0.00	28.81 1.44 -0.81	24.77 1.39 0.00	23.87 1.29 0.00	22.67 1.15 -0.54
RAVENSWOOD___3 23535	31.52 1.34 -5.70	29.57 1.23 -6.50	24.26 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.40 -2.24	22.21 0.74 -7.66	21.18 1.10 0.00	23.62 1.06 -4.07	22.24 0.97 -4.59	23.70 0.97 -6.10	28.07 0.48 -18.75	28.74 0.90 -11.37	33.69 1.46 -5.65	33.46 1.64 -3.04	44.55 2.33 0.00	41.77 2.29 -0.66	30.44 1.67 0.00	28.80 1.44 -0.81	24.75 1.37 0.00	23.85 1.27 0.00	22.65 1.13 -0.54
RAVENSWOOD___4 23820	31.52 1.35 -5.70	29.58 1.24 -6.50	24.28 1.02 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.80 1.42 -2.24	22.23 0.75 -7.66	21.20 1.12 0.00	23.65 1.09 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.07 0.47 -18.75	28.75 0.91 -11.37	33.70 1.47 -5.65	33.47 1.65 -3.04	44.55 2.33 0.00	41.78 2.30 -0.66	30.45 1.67 0.00	28.81 1.44 -0.81	24.77 1.39 0.00	23.87 1.29 0.00	22.67 1.15 -0.54
RCPI_TRUST___DRP 24196	31.57 1.40 -5.70	29.62 1.28 -6.50	24.30 1.04 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.27 -0.24 -30.68	31.04 -0.02 -31.36	28.84 1.46 -2.24	22.24 0.76 -7.66	21.21 1.14 0.00	23.65 1.09 -4.07	22.26 0.99 -4.59	23.73 1.00 -6.10	28.08 0.49 -18.75	28.76 0.93 -11.37	33.73 1.49 -5.65	33.51 1.69 -3.04	44.63 2.41 0.00	41.83 2.34 -0.66	30.49 1.71 0.00	28.84 1.47 -0.81	24.78 1.40 0.00	23.89 1.31 0.00	22.69 1.17 -0.54
RED___ROCHESTER 323720	25.38 -0.32 -1.23	23.12 -0.12 -1.40	19.03 -0.01 -1.16	3.42 0.00 -5.90	2.22 -0.03 -6.96	2.43 -0.02 -6.62	6.46 0.00 -6.76	25.47 -0.16 -0.48	15.49 0.02 -1.65	20.19 0.11 0.00	19.52 0.16 -0.88	17.76 0.09 -0.99	18.01 0.06 -1.32	12.86 -0.02 -4.04	18.75 -0.17 -2.45	27.40 -0.40 -1.22	29.15 -0.29 -0.66	42.11 -0.11 0.00	38.73 -0.24 -0.14	28.27 -0.50 0.00	26.25 -0.48 -0.17	23.02 -0.36 0.00	22.29 -0.29 0.00	20.90 -0.20 -0.12

REGAN____SOLAR 323812	34.25 1.64 -8.14	32.51 1.39 -9.29	26.73 1.17 -7.68	36.43 -0.15 -39.06	41.07 -0.30 -46.08	39.38 -0.26 -43.81	44.47 -0.02 -44.78	30.00 1.66 -3.19	25.39 0.63 -10.94	20.58 0.51 0.00	25.03 0.73 -5.81	24.04 0.81 -6.55	26.36 1.01 -8.72	36.22 0.60 -26.78	33.78 1.07 -16.24	36.78 2.13 -8.07	35.57 2.45 -4.34	45.71 3.49 0.00	42.95 3.18 -0.94	30.93 2.15 0.00	29.73 2.02 -1.15	25.04 1.66 0.00	24.15 1.57 0.00	23.17 1.42 -0.77
RENSSELAER____COGEN 23796	31.62 0.34 -6.81	29.91 0.30 -7.78	24.59 0.28 -6.43	30.20 -0.04 -32.70	33.81 -0.07 -38.58	32.46 -0.06 -36.68	37.19 -0.01 -37.49	28.20 0.38 -2.67	23.21 0.24 -9.16	20.41 0.34 0.00	23.70 0.34 -4.87	22.49 0.32 -5.49	24.22 0.30 -7.30	31.41 0.15 -22.42	30.36 0.30 -13.59	33.83 0.49 -6.76	32.94 0.52 -3.63	43.02 0.81 0.00	40.41 0.79 -0.79	29.37 0.59 0.00	28.07 0.54 -0.97	23.83 0.45 0.00	23.04 0.46 0.00	22.03 0.40 -0.64
REPUBLIC_115KV_BARTNBRK 55605	34.54 3.04 -7.02	32.44 2.59 -8.01	26.63 2.13 -6.63	30.96 -0.27 -33.70	34.53 -0.53 -39.76	33.14 -0.50 -37.80	38.31 -0.03 -38.64	30.88 2.98 -2.75	24.78 1.53 -9.44	22.55 2.48 0.00	25.61 2.10 -5.02	24.21 1.88 -5.65	26.12 1.97 -7.52	33.04 1.09 -23.11	32.58 2.10 -14.01	37.07 3.52 -6.97	36.49 3.96 -3.75	48.16 5.95 0.00	44.65 5.01 -0.81	32.13 3.36 0.00	30.45 2.89 -1.00	25.80 2.42 0.00	25.04 2.46 0.00	23.98 2.33 -0.66
REVERE_CPPR_DRP 24186	25.59 0.53 -0.58	22.92 0.41 -0.66	18.73 0.30 -0.55	0.28 -0.04 -2.79	-1.49 -0.08 -3.29	-1.10 -0.07 -3.13	2.90 0.00 -3.20	25.92 0.55 -0.23	14.89 0.29 -0.78	20.48 0.40 0.00	19.26 0.35 -0.42	17.49 0.35 -0.47	17.63 0.38 -0.62	10.97 0.22 -1.91	18.10 0.47 -1.16	28.07 0.92 -0.58	30.18 1.09 -0.31	43.76 1.55 0.00	40.16 1.26 -0.07	29.65 0.88 0.00	27.58 0.94 -0.08	24.07 0.69 0.00	23.19 0.61 0.00	21.62 0.58 -0.06
REYNOLDS_115KV_TB3 80639	31.81 0.52 -6.82	30.08 0.46 -7.79	24.73 0.41 -6.44	30.23 -0.05 -32.75	33.83 -0.10 -38.64	32.48 -0.09 -36.73	37.25 -0.01 -37.55	28.37 0.54 -2.68	23.30 0.31 -9.18	20.54 0.46 0.00	23.83 0.46 -4.88	22.59 0.42 -5.49	24.35 0.41 -7.31	31.51 0.21 -22.45	30.51 0.42 -13.62	34.04 0.69 -6.77	33.12 0.70 -3.64	43.30 1.08 0.00	40.68 1.07 -0.79	29.58 0.80 0.00	28.25 0.72 -0.97	23.99 0.61 0.00	23.20 0.62 0.00	22.19 0.56 -0.64
RIVERBAY____ 323610	31.71 1.54 -5.70	29.78 1.44 -6.50	24.45 1.19 -5.38	24.72 -0.16 -27.35	27.25 -0.31 -32.27	26.24 -0.28 -30.68	31.04 -0.02 -31.36	29.04 1.66 -2.24	22.34 0.86 -7.66	21.33 1.26 0.00	23.74 1.18 -4.07	22.29 1.02 -4.59	23.72 1.00 -6.10	28.08 0.49 -18.75	28.77 0.94 -11.37	33.79 1.56 -5.65	33.60 1.78 -3.04	44.70 2.48 0.00	41.95 2.46 -0.66	30.49 1.71 0.00	28.91 1.55 -0.81	24.84 1.46 0.00	23.95 1.37 0.00	22.75 1.23 -0.54
RIVERSDE_115KV_TB3 55908	31.74 0.43 -6.84	30.02 0.38 -7.80	24.68 0.34 -6.45	30.31 -0.04 -32.82	33.93 -0.09 -38.73	32.58 -0.08 -36.82	37.33 -0.01 -37.63	28.30 0.47 -2.68	23.29 0.28 -9.20	20.49 0.41 0.00	23.79 0.41 -4.89	22.57 0.38 -5.51	24.31 0.36 -7.32	31.53 0.18 -22.50	30.49 0.37 -13.65	33.97 0.60 -6.79	33.06 0.63 -3.65	43.19 0.97 0.00	40.57 0.96 -0.79	29.49 0.72 0.00	28.17 0.64 -0.97	23.92 0.54 0.00	23.13 0.55 0.00	22.12 0.49 -0.65
ROARING____BROOK_WT_PWR 323790	24.21 -0.41 -0.14	21.33 -0.66 -0.16	17.30 -0.70 -0.13	-1.70 0.11 -0.66	-3.70 0.23 -0.77	-3.23 0.20 -0.73	0.47 0.01 -0.75	24.18 -1.02 -0.05	13.36 -0.64 -0.18	19.00 -1.08 0.00	17.41 -1.17 -0.10	15.81 -0.98 -0.11	15.91 -0.86 -0.15	8.96 -0.33 -0.45	16.22 -0.52 -0.27	26.20 -0.52 -0.14	28.26 -0.59 -0.07	41.15 -1.07 0.00	37.65 -1.20 -0.02	28.37 -0.41 0.00	26.31 -0.27 -0.02	22.71 -0.67 0.00	21.83 -0.75 0.00	20.43 -0.56 -0.01
ROCHESRG_115KV_T4 355643	25.16 -0.54 -1.23	22.92 -0.32 -1.40	18.87 -0.16 -1.16	3.43 0.01 -5.88	2.25 0.01 -6.94	2.45 0.01 -6.60	6.45 0.00 -6.74	25.24 -0.39 -0.48	15.36 -0.10 -1.65	19.99 -0.08 0.00	19.33 -0.03 -0.88	17.60 -0.06 -0.99	17.83 -0.11 -1.31	12.76 -0.11 -4.03	18.57 -0.34 -2.45	27.12 -0.68 -1.22	28.81 -0.63 -0.65	41.59 -0.63 0.00	38.25 -0.72 -0.14	27.90 -0.87 0.00	25.94 -0.79 -0.17	22.76 -0.62 0.00	22.05 -0.53 0.00	20.69 -0.40 -0.12
ROCHESTER_9_IC 23652	25.28 -0.42 -1.23	23.03 -0.21 -1.40	18.96 -0.08 -1.16	3.43 0.00 -5.90	2.24 -0.01 -6.96	2.44 -0.01 -6.61	6.46 0.00 -6.76	25.37 -0.26 -0.48	15.43 -0.03 -1.65	20.10 0.03 0.00	19.43 0.07 -0.88	17.69 0.03 -0.99	17.93 -0.01 -1.32	12.83 -0.06 -4.04	18.67 -0.25 -2.45	27.27 -0.53 -1.22	28.99 -0.45 -0.66	41.86 -0.36 0.00	38.50 -0.46 -0.14	28.10 -0.68 0.00	26.11 -0.62 -0.17	22.90 -0.48 0.00	22.18 -0.40 0.00	20.81 -0.29 -0.12
ROCKVIEW_13_KV_LD 356306	31.50 1.33 -5.70	29.56 1.22 -6.50	24.25 0.99 -5.38	24.75 -0.13 -27.35	27.31 -0.25 -32.27	26.29 -0.23 -30.68	31.05 -0.02 -31.36	28.78 1.39 -2.24	22.21 0.73 -7.66	21.18 1.10 0.00	23.62 1.06 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.07 0.48 -18.75	28.74 0.91 -11.37	33.72 1.48 -5.65	33.49 1.67 -3.04	44.62 2.40 0.00	41.83 2.34 -0.66	30.49 1.72 0.00	28.83 1.46 -0.81	24.75 1.37 0.00	23.86 1.28 0.00	22.65 1.13 -0.54
ROME____115KV_TB2 80656	25.59 0.53 -0.58	22.92 0.41 -0.66	18.73 0.30 -0.55	0.28 -0.04 -2.79	-1.49 -0.08 -3.29	-1.10 -0.07 -3.13	2.90 0.00 -3.20	25.92 0.55 -0.23	14.89 0.29 -0.78	20.48 0.40 0.00	19.26 0.35 -0.42	17.49 0.35 -0.47	17.63 0.38 -0.62	10.97 0.22 -1.91	18.10 0.47 -1.16	28.07 0.92 -0.58	30.18 1.09 -0.31	43.76 1.55 0.00	40.16 1.26 -0.07	29.65 0.88 0.00	27.58 0.94 -0.08	24.07 0.69 0.00	23.19 0.61 0.00	21.62 0.58 -0.06
ROSETON____1 23587	31.09 1.03 -5.59	29.19 0.96 -6.38	23.95 0.79 -5.28	24.27 -0.11 -26.84	26.76 -0.20 -31.68	25.77 -0.18 -30.12	30.47 -0.01 -30.78	28.45 1.11 -2.19	21.91 0.58 -7.52	20.94 0.87 0.00	23.30 0.82 -4.00	21.92 0.74 -4.50	23.34 0.73 -5.99	27.61 0.37 -18.40	28.33 0.71 -11.16	33.28 1.15 -5.55	33.05 1.28 -2.98	44.07 1.85 0.00	41.29 1.82 -0.64	30.10 1.32 0.00	28.48 1.13 -0.79	24.44 1.06 0.00	23.59 1.01 0.00	22.39 0.88 -0.53
ROSETON____2 23588	31.09 1.03 -5.59	29.19 0.96 -6.38	23.95 0.79 -5.28	24.27 -0.11 -26.84	26.76 -0.20 -31.68	25.77 -0.18 -30.12	30.47 -0.01 -30.78	28.45 1.11 -2.19	21.91 0.58 -7.52	20.94 0.87 0.00	23.30 0.82 -4.00	21.92 0.74 -4.50	23.34 0.73 -5.99	27.61 0.37 -18.40	28.33 0.71 -11.16	33.28 1.15 -5.55	33.05 1.28 -2.98	44.07 1.85 0.00	41.29 1.82 -0.64	30.10 1.32 0.00	28.48 1.13 -0.79	24.44 1.06 0.00	23.59 1.01 0.00	22.39 0.88 -0.53
ROTTDRAM_115KV_TB3 80664	32.40 0.83 -7.10	30.69 0.75 -8.10	25.21 0.63 -6.70	31.52 -0.09 -34.07	35.33 -0.16 -40.20	33.91 -0.14 -38.22	38.76 -0.01 -39.07	28.81 0.88 -2.78	23.83 0.46 -9.55	20.73 0.66 0.00	24.18 0.62 -5.07	22.96 0.57 -5.72	24.82 0.59 -7.60	32.52 0.31 -23.36	31.23 0.60 -14.17	34.61 0.99 -7.04	33.66 1.09 -3.79	43.85 1.63 0.00	41.18 1.54 -0.82	29.86 1.08 0.00	28.55 0.98 -1.01	24.22 0.84 0.00	23.43 0.85 0.00	22.42 0.77 -0.67

RUSSELL___1 23602	25.38 -0.32 -1.23	23.11 -0.13 -1.40	19.02 -0.02 -1.16	3.42 0.00 -5.90	2.22 -0.03 -6.96	2.43 -0.02 -6.62	6.46 0.00 -6.76	25.47 -0.16 -0.48	15.49 0.02 -1.65	20.19 0.11 0.00	19.52 0.16 -0.88	17.76 0.09 -0.99	18.01 0.06 -1.32	12.87 -0.02 -4.04	18.75 -0.17 -2.45	27.40 -0.40 -1.22	29.15 -0.29 -0.66	42.10 -0.11 0.00	38.72 -0.25 -0.14	28.26 -0.52 0.00	26.25 -0.48 -0.17	23.02 -0.36 0.00	22.29 -0.29 0.00	20.90 -0.19 -0.12
RUSSELL___2 23532	25.38 -0.32 -1.23	23.11 -0.13 -1.40	19.02 -0.02 -1.16	3.42 0.00 -5.90	2.22 -0.03 -6.96	2.43 -0.02 -6.62	6.46 0.00 -6.76	25.47 -0.16 -0.48	15.49 0.02 -1.65	20.19 0.11 0.00	19.52 0.16 -0.88	17.76 0.09 -0.99	18.01 0.06 -1.32	12.87 -0.02 -4.04	18.75 -0.17 -2.45	27.40 -0.40 -1.22	29.15 -0.29 -0.66	42.10 -0.11 0.00	38.72 -0.25 -0.14	28.26 -0.52 0.00	26.25 -0.48 -0.17	23.02 -0.36 0.00	22.29 -0.29 0.00	20.90 -0.19 -0.12
RUSSELL___3 23549	25.38 -0.32 -1.23	23.11 -0.13 -1.40	19.02 -0.02 -1.16	3.42 0.00 -5.90	2.22 -0.03 -6.96	2.43 -0.02 -6.62	6.46 0.00 -6.76	25.47 -0.16 -0.48	15.49 0.02 -1.65	20.19 0.11 0.00	19.52 0.16 -0.88	17.76 0.09 -0.99	18.01 0.06 -1.32	12.87 -0.02 -4.04	18.75 -0.17 -2.45	27.40 -0.40 -1.22	29.15 -0.29 -0.66	42.10 -0.11 0.00	38.72 -0.25 -0.14	28.26 -0.52 0.00	26.25 -0.48 -0.17	23.02 -0.36 0.00	22.29 -0.29 0.00	20.90 -0.19 -0.12
RUSSELL___4 23556	25.38 -0.32 -1.23	23.11 -0.13 -1.40	19.02 -0.02 -1.16	3.42 0.00 -5.90	2.22 -0.03 -6.96	2.43 -0.02 -6.62	6.46 0.00 -6.76	25.47 -0.16 -0.48	15.49 0.02 -1.65	20.19 0.11 0.00	19.52 0.16 -0.88	17.76 0.09 -0.99	18.01 0.06 -1.32	12.87 -0.02 -4.04	18.75 -0.17 -2.45	27.40 -0.40 -1.22	29.15 -0.29 -0.66	42.10 -0.11 0.00	38.72 -0.25 -0.14	28.26 -0.52 0.00	26.25 -0.48 -0.17	23.02 -0.36 0.00	22.29 -0.29 0.00	20.90 -0.19 -0.12
RUSSELL___STATION 23914	25.38 -0.32 -1.23	23.11 -0.13 -1.40	19.02 -0.02 -1.16	3.42 0.00 -5.90	2.22 -0.03 -6.96	2.43 -0.02 -6.62	6.46 0.00 -6.76	25.47 -0.16 -0.48	15.49 0.02 -1.65	20.19 0.11 0.00	19.52 0.16 -0.88	17.76 0.09 -0.99	18.01 0.06 -1.32	12.87 -0.02 -4.04	18.75 -0.17 -2.45	27.40 -0.40 -1.22	29.15 -0.29 -0.66	42.10 -0.11 0.00	38.72 -0.25 -0.14	28.26 -0.52 0.00	26.25 -0.48 -0.17	23.02 -0.36 0.00	22.29 -0.29 0.00	20.90 -0.19 -0.12
S SALMON___HYD 24043	24.97 -0.43 -0.93	22.43 -0.47 -1.06	18.34 -0.41 -0.88	2.04 0.06 -4.45	0.64 0.10 -5.26	0.92 0.09 -5.00	4.82 0.01 -5.11	25.02 -0.49 -0.36	14.82 -0.25 -1.25	19.69 -0.38 0.00	18.72 -0.43 -0.66	17.08 -0.34 -0.75	17.40 -0.22 -0.99	11.82 -0.08 -3.06	18.05 -0.27 -1.85	27.15 -0.35 -0.92	29.01 -0.27 -0.49	41.85 -0.37 0.00	38.49 -0.45 -0.11	28.49 -0.28 0.00	26.50 -0.19 -0.13	23.11 -0.27 0.00	22.30 -0.28 0.00	20.84 -0.23 -0.09
S.PERRY___115KV_TB1 80734	25.79 -0.13 -1.45	23.56 0.08 -1.65	19.39 0.15 -1.36	4.45 -0.02 -6.94	3.41 -0.07 -8.18	3.54 -0.07 -7.78	7.65 0.00 -7.95	25.94 0.23 -0.57	15.98 0.23 -1.94	20.12 0.05 0.00	19.63 0.11 -1.03	17.85 0.01 -1.16	18.08 -0.09 -1.55	13.43 -0.16 -4.76	18.96 -0.39 -2.88	27.45 -0.57 -1.43	29.56 0.01 -0.77	42.98 0.76 0.00	39.65 0.65 -0.17	28.94 0.16 0.00	26.94 0.18 -0.20	23.64 0.26 0.00	22.86 0.28 0.00	21.43 0.31 -0.14
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.79 -1.05 -1.37	22.75 -0.64 -1.56	18.80 -0.37 -1.29	4.14 0.05 -6.56	3.09 0.05 -7.74	3.25 0.05 -7.36	7.23 0.00 -7.52	24.83 -0.86 -0.54	15.37 -0.29 -1.84	19.75 -0.33 0.00	19.17 -0.30 -0.98	17.47 -0.30 -1.10	17.69 -0.40 -1.46	13.01 -0.33 -4.50	18.44 -0.76 -2.73	26.54 -1.40 -1.36	28.18 -1.33 -0.73	40.74 -1.47 0.00	37.40 -1.58 -0.16	27.11 -1.67 0.00	25.26 -1.50 -0.19	22.21 -1.17 0.00	21.62 -0.96 0.00	20.38 -0.73 -0.13
SAWYER___23_KV_LOAD 55526	24.79 -1.05 -1.37	22.75 -0.64 -1.56	18.80 -0.37 -1.29	4.14 0.05 -6.56	3.09 0.05 -7.74	3.25 0.05 -7.36	7.23 0.00 -7.52	24.83 -0.86 -0.54	15.37 -0.29 -1.84	19.75 -0.33 0.00	19.17 -0.30 -0.98	17.47 -0.30 -1.10	17.69 -0.40 -1.46	13.01 -0.33 -4.50	18.44 -0.76 -2.73	26.54 -1.40 -1.36	28.18 -1.33 -0.73	40.74 -1.47 0.00	37.40 -1.58 -0.16	27.11 -1.67 0.00	25.26 -1.50 -0.19	22.21 -1.17 0.00	21.62 -0.96 0.00	20.38 -0.73 -0.13
SELKIRK___I 23801	31.75 0.48 -6.79	30.04 0.44 -7.75	24.67 0.38 -6.41	30.09 -0.05 -32.61	33.67 -0.10 -38.48	32.33 -0.09 -36.58	37.09 -0.01 -37.39	28.33 0.52 -2.67	23.24 0.29 -9.14	20.51 0.43 0.00	23.76 0.42 -4.86	22.53 0.39 -5.47	24.27 0.37 -7.28	31.39 0.19 -22.36	30.40 0.37 -13.56	33.93 0.61 -6.74	33.06 0.65 -3.62	43.19 0.97 0.00	40.57 0.95 -0.79	29.48 0.70 0.00	28.16 0.63 -0.96	23.93 0.55 0.00	23.13 0.55 0.00	22.11 0.49 -0.64
SELKIRK___II 23799	31.72 0.45 -6.79	30.00 0.41 -7.75	24.65 0.36 -6.41	30.07 -0.05 -32.59	33.65 -0.09 -38.45	32.31 -0.08 -36.55	37.06 0.00 -37.36	28.31 0.50 -2.66	23.23 0.29 -9.13	20.49 0.41 0.00	23.74 0.40 -4.85	22.52 0.37 -5.47	24.26 0.36 -7.27	31.37 0.19 -22.34	30.38 0.37 -13.55	33.91 0.59 -6.74	33.05 0.64 -3.62	43.18 0.96 0.00	40.56 0.95 -0.78	29.48 0.70 0.00	28.15 0.63 -0.96	23.93 0.55 0.00	23.12 0.54 0.00	22.10 0.48 -0.64
SENECA OSWGO___HYD 24041	25.11 -0.36 -1.01	22.69 -0.30 -1.15	18.60 -0.23 -0.95	2.38 0.03 -4.82	1.03 0.05 -5.69	1.29 0.04 -5.41	5.24 0.00 -5.53	25.24 -0.29 -0.39	15.03 -0.13 -1.35	19.91 -0.17 0.00	19.08 -0.12 -0.72	17.35 -0.13 -0.81	17.55 -0.15 -1.08	12.06 -0.09 -3.31	18.27 -0.20 -2.01	27.18 -0.39 -1.00	28.91 -0.41 -0.54	41.66 -0.56 0.00	38.39 -0.55 -0.12	28.29 -0.49 0.00	26.28 -0.42 -0.14	23.05 -0.33 0.00	22.26 -0.32 0.00	20.79 -0.29 -0.09
SENECA___115KV_TB3 355854	25.04 -0.82 -1.39	22.96 -0.46 -1.59	18.97 -0.23 -1.31	4.24 0.03 -6.68	3.19 0.02 -7.87	3.34 0.02 -7.49	7.36 0.00 -7.65	25.11 -0.58 -0.55	15.54 -0.14 -1.87	19.95 -0.13 0.00	19.35 -0.13 -0.99	17.61 -0.19 -1.12	17.81 -0.30 -1.49	13.14 -0.28 -4.58	18.62 -0.62 -2.78	26.82 -1.14 -1.38	28.53 -0.99 -0.74	41.30 -0.92 0.00	37.92 -1.07 -0.16	27.52 -1.25 0.00	25.63 -1.13 -0.20	22.55 -0.83 0.00	21.93 -0.65 0.00	20.65 -0.46 -0.13
SENECA___ENERGY 23797	25.46 -0.29 -1.27	23.12 -0.17 -1.45	18.99 -0.09 -1.20	3.64 0.01 -6.10	2.50 0.01 -7.20	2.68 0.00 -6.85	6.70 0.00 -7.00	25.56 -0.09 -0.50	15.55 0.02 -1.71	20.14 0.06 0.00	19.45 0.05 -0.91	17.70 0.00 -1.02	17.90 -0.08 -1.36	12.94 -0.09 -4.18	18.83 -0.17 -2.54	27.47 -0.37 -1.26	29.18 -0.28 -0.68	42.07 -0.15 0.00	38.82 -0.15 -0.15	28.54 -0.23 0.00	26.51 -0.23 -0.18	23.25 -0.13 0.00	22.48 -0.10 0.00	21.01 -0.09 -0.12
SHOEMAKER___GT 23640	30.52 0.88 -5.16	28.56 0.83 -5.89	23.43 0.68 -4.87	22.21 -0.09 -24.78	24.35 -0.18 -29.24	23.47 -0.16 -27.80	28.10 -0.01 -28.41	28.15 0.98 -2.03	21.25 0.50 -6.94	20.77 0.69 0.00	22.82 0.64 -3.69	21.40 0.56 -4.16	22.71 0.56 -5.53	26.13 0.30 -16.99	27.34 0.57 -10.30	32.63 0.93 -5.12	32.60 1.07 -2.75	43.77 1.55 0.00	40.96 1.53 -0.60	29.90 1.13 0.00	28.24 0.95 -0.73	24.28 0.90 0.00	23.44 0.86 0.00	22.21 0.74 -0.49

SHOEMAKR_138KV_BK 111 55601	30.48 0.88 -5.13	28.53 0.83 -5.86	23.41 0.68 -4.85	22.08 -0.09 -24.64	24.18 -0.18 -29.07	23.31 -0.16 -27.64	27.94 -0.01 -28.25	28.13 0.97 -2.01	21.21 0.49 -6.91	20.77 0.70 0.00	22.81 0.65 -3.67	21.38 0.57 -4.13	22.69 0.56 -5.50	26.04 0.30 -16.89	27.28 0.57 -10.24	32.60 0.93 -5.09	32.58 1.06 -2.74	43.76 1.54 0.00	40.94 1.52 -0.59	29.89 1.11 0.00	28.22 0.93 -0.73	24.27 0.89 0.00	23.43 0.85 0.00	22.20 0.74 -0.48
SHOREHAM_IC_1 23715	32.39 2.21 -5.70	30.21 1.86 -6.50	24.86 1.60 -5.38	24.67 -0.22 -27.35	27.17 -0.40 -32.27	26.15 -0.37 -30.68	31.04 -0.03 -31.36	29.69 2.31 -2.24	22.70 1.22 -7.66	21.76 1.69 0.00	24.04 1.49 -4.07	22.57 1.31 -4.59	24.02 1.29 -6.10	28.27 0.67 -18.75	29.33 1.49 -11.37	34.79 2.56 -5.65	37.17 3.04 -5.34	281.94 3.93 -235.79	300.00 3.37 -257.81	407.33 2.83 -375.73	72.10 2.01 -43.54	38.21 1.83 -13.00	24.33 1.75 0.00	23.07 1.55 -0.54
SHOREHAM_IC_2 23716	32.39 2.21 -5.70	30.21 1.86 -6.50	24.86 1.60 -5.38	24.67 -0.22 -27.35	27.17 -0.40 -32.27	26.15 -0.37 -30.68	31.04 -0.03 -31.36	29.69 2.31 -2.24	22.70 1.22 -7.66	21.76 1.69 0.00	24.04 1.49 -4.07	22.57 1.31 -4.59	24.02 1.29 -6.10	28.27 0.67 -18.75	29.33 1.49 -11.37	34.79 2.56 -5.65	37.17 3.04 -5.34	281.94 3.93 -235.79	300.00 3.37 -257.81	407.33 2.83 -375.73	72.10 2.01 -43.54	38.21 1.83 -13.00	24.33 1.75 0.00	23.07 1.55 -0.54
SISSONVILLE____ 23735	24.60 -0.16 -0.29	21.21 -0.95 -0.33	17.02 -1.13 -0.27	-0.90 0.20 -1.37	-2.69 0.39 -1.62	-2.28 0.35 -1.54	1.30 0.02 -1.57	23.51 -1.75 -0.11	13.06 -1.14 -0.39	18.17 -1.91 0.00	16.53 -2.16 -0.20	15.19 -1.72 -0.23	15.42 -1.51 -0.30	9.16 -0.63 -0.94	16.10 -0.94 -0.57	26.23 -0.63 -0.28	28.19 -0.75 -0.15	40.88 -1.34 0.00	37.26 -1.59 -0.03	28.56 -0.22 0.00	26.50 -0.10 -0.04	22.38 -1.00 0.00	21.37 -1.21 0.00	20.14 -0.87 -0.03
SITHE_IND_GS1 24169	24.75 -0.60 -0.87	22.33 -0.51 -1.00	18.31 -0.40 -0.83	1.79 0.06 -4.21	0.35 0.10 -4.96	0.64 0.09 -4.72	4.53 0.01 -4.82	24.92 -0.57 -0.34	14.70 -0.29 -1.18	19.67 -0.40 0.00	18.75 -0.36 -0.63	17.04 -0.34 -0.70	17.21 -0.35 -0.94	11.53 -0.20 -2.88	17.81 -0.41 -1.75	26.72 -0.73 -0.87	28.45 -0.80 -0.47	41.04 -1.17 0.00	37.82 -1.11 -0.10	27.91 -0.86 0.00	25.91 -0.77 -0.12	22.75 -0.63 0.00	21.98 -0.60 0.00	20.51 -0.55 -0.08
SITHE_IND_GS2 24170	24.75 -0.60 -0.87	22.33 -0.51 -1.00	18.31 -0.40 -0.83	1.79 0.06 -4.21	0.35 0.10 -4.96	0.64 0.09 -4.72	4.53 0.01 -4.82	24.92 -0.57 -0.34	14.70 -0.29 -1.18	19.67 -0.40 0.00	18.75 -0.36 -0.63	17.04 -0.34 -0.70	17.21 -0.35 -0.94	11.53 -0.20 -2.88	17.81 -0.41 -1.75	26.72 -0.73 -0.87	28.45 -0.80 -0.47	41.04 -1.17 0.00	37.82 -1.11 -0.10	27.91 -0.86 0.00	25.91 -0.77 -0.12	22.75 -0.63 0.00	21.98 -0.60 0.00	20.51 -0.55 -0.08
SITHE_IND_GS3 24171	24.75 -0.60 -0.87	22.33 -0.51 -1.00	18.31 -0.40 -0.83	1.79 0.06 -4.21	0.35 0.10 -4.96	0.64 0.09 -4.72	4.53 0.01 -4.82	24.92 -0.57 -0.34	14.70 -0.29 -1.18	19.67 -0.40 0.00	18.75 -0.36 -0.63	17.04 -0.34 -0.70	17.21 -0.35 -0.94	11.53 -0.20 -2.88	17.81 -0.41 -1.75	26.72 -0.73 -0.87	28.45 -0.80 -0.47	41.04 -1.17 0.00	37.82 -1.11 -0.10	27.91 -0.86 0.00	25.91 -0.77 -0.12	22.75 -0.63 0.00	21.98 -0.60 0.00	20.51 -0.55 -0.08
SITHE_IND_GS4 24172	24.75 -0.60 -0.87	22.33 -0.51 -1.00	18.31 -0.40 -0.83	1.79 0.06 -4.21	0.35 0.10 -4.96	0.64 0.09 -4.72	4.53 0.01 -4.82	24.92 -0.57 -0.34	14.70 -0.29 -1.18	19.67 -0.40 0.00	18.75 -0.36 -0.63	17.04 -0.34 -0.70	17.21 -0.35 -0.94	11.53 -0.20 -2.88	17.81 -0.41 -1.75	26.72 -0.73 -0.87	28.45 -0.80 -0.47	41.04 -1.17 0.00	37.82 -1.11 -0.10	27.91 -0.86 0.00	25.91 -0.77 -0.12	22.75 -0.63 0.00	21.98 -0.60 0.00	20.51 -0.55 -0.08
SITHE____BATAVIA 24024	25.02 -0.79 -1.34	22.96 -0.40 -1.53	18.99 -0.15 -1.26	3.96 0.02 -6.41	2.85 0.00 -7.56	3.03 0.01 -7.19	7.05 0.00 -7.35	25.14 -0.53 -0.52	15.46 -0.15 -1.80	20.01 -0.07 0.00	19.40 -0.04 -0.95	17.64 -0.11 -1.08	17.86 -0.19 -1.43	13.00 -0.23 -4.39	18.46 -0.67 -2.66	26.99 -0.91 -1.31	29.06 -0.41 -0.69	42.16 -0.06 0.00	38.73 -0.24 -0.15	28.11 -0.66 0.00	26.18 -0.56 -0.18	22.96 -0.42 0.00	22.27 -0.31 0.00	20.92 -0.18 -0.12
SITHE____INDEPEND 23800	24.75 -0.60 -0.87	22.32 -0.51 -1.00	18.31 -0.40 -0.83	1.79 0.06 -4.21	0.35 0.10 -4.96	0.64 0.09 -4.72	4.53 0.01 -4.82	24.92 -0.57 -0.34	14.70 -0.28 -1.18	19.67 -0.40 0.00	18.75 -0.36 -0.63	17.04 -0.34 -0.70	17.21 -0.35 -0.94	11.53 -0.20 -2.88	17.81 -0.41 -1.75	26.72 -0.73 -0.87	28.45 -0.80 -0.47	41.04 -1.17 0.00	37.82 -1.11 -0.10	27.90 -0.87 0.00	25.91 -0.77 -0.12	22.75 -0.63 0.00	21.98 -0.60 0.00	20.51 -0.55 -0.08
SITHE____MASSENA 23902	24.58 -0.12 -0.22	21.16 -0.93 -0.26	16.96 -1.13 -0.21	-1.19 0.20 -1.08	-3.03 0.40 -1.28	-2.60 0.35 -1.22	0.97 0.02 -1.24	23.42 -1.82 -0.09	12.94 -1.18 -0.30	18.13 -1.95 0.00	16.42 -2.23 -0.16	15.08 -1.78 -0.18	15.27 -1.60 -0.24	8.90 -0.69 -0.74	15.88 -1.03 -0.45	26.02 -0.78 -0.22	27.91 -1.00 -0.12	40.45 -1.77 0.00	36.91 -1.94 -0.03	28.37 -0.41 0.00	26.32 -0.27 -0.03	22.24 -1.14 0.00	21.23 -1.35 0.00	20.02 -0.99 -0.02
SITHE____OGDNSBRG 24021	24.93 0.19 -0.26	21.46 -0.68 -0.30	17.19 -0.93 -0.25	-1.04 0.17 -1.26	-2.87 0.35 -1.49	-2.44 0.31 -1.41	1.17 0.02 -1.45	23.77 -1.48 -0.10	13.15 -1.01 -0.35	18.35 -1.73 0.00	16.68 -1.99 -0.19	15.34 -1.55 -0.21	15.53 -1.38 -0.28	9.12 -0.58 -0.86	16.20 -0.79 -0.52	26.48 -0.37 -0.26	28.51 -0.41 -0.14	41.41 -0.80 0.00	37.73 -1.13 -0.03	28.95 0.17 0.00	26.91 0.31 -0.04	22.67 -0.70 0.00	21.62 -0.96 0.00	20.36 -0.65 -0.03
SITHE____STERLING 23777	25.60 0.46 -0.67	22.99 0.39 -0.76	18.81 0.30 -0.63	0.69 -0.04 -3.20	-1.01 -0.08 -3.78	-0.64 -0.07 -3.59	3.37 0.00 -3.67	25.94 0.53 -0.26	15.01 0.30 -0.90	20.50 0.43 0.00	19.36 0.39 -0.48	17.57 0.36 -0.54	17.69 0.34 -0.72	11.20 0.16 -2.20	18.18 0.38 -1.33	27.99 0.75 -0.66	30.02 0.88 -0.36	43.45 1.23 0.00	39.93 1.02 -0.08	29.46 0.68 0.00	27.38 0.73 -0.09	23.95 0.57 0.00	23.09 0.51 0.00	21.52 0.48 -0.06
SLEIGHT__34_KV_TB1 80719	25.30 -0.40 -1.22	22.97 -0.26 -1.40	18.88 -0.15 -1.16	3.42 0.01 -5.88	2.24 0.02 -6.93	2.44 0.01 -6.59	6.44 0.00 -6.74	25.39 -0.24 -0.48	15.41 -0.05 -1.65	20.07 0.00 0.00	19.40 0.04 -0.88	17.66 0.00 -0.99	17.87 -0.07 -1.31	12.80 -0.07 -4.03	18.71 -0.20 -2.44	27.37 -0.42 -1.21	29.08 -0.36 -0.65	41.92 -0.30 0.00	38.59 -0.37 -0.14	28.23 -0.55 0.00	26.26 -0.47 -0.17	23.02 -0.36 0.00	22.25 -0.33 0.00	20.83 -0.27 -0.12
SOUTH CAIRO____GT 23612	32.66 1.71 -6.48	30.77 1.54 -7.40	25.26 1.26 -6.12	28.46 -0.17 -31.10	31.65 -0.33 -36.70	30.43 -0.29 -34.89	35.34 -0.02 -35.66	29.56 1.87 -2.54	23.51 0.98 -8.72	21.27 1.20 0.00	24.21 1.09 -4.63	22.99 1.10 -5.22	24.79 1.22 -6.94	30.85 0.69 -21.32	30.64 1.25 -12.93	35.08 2.07 -6.43	34.67 2.43 -3.45	46.08 3.86 0.00	43.11 3.53 -0.75	31.25 2.48 0.00	29.76 2.28 -0.92	25.30 1.92 0.00	24.39 1.81 0.00	23.25 1.65 -0.61

SOUTH HAMPTN___IC 23720	32.76 2.58 -5.70	30.52 2.18 -6.50	25.12 1.86 -5.38	24.63 -0.25 -27.35	27.10 -0.47 -32.27	26.08 -0.44 -30.68	31.04 -0.03 -31.36	30.10 2.72 -2.24	22.92 1.44 -7.66	22.07 2.00 0.00	24.32 1.76 -4.07	22.80 1.54 -4.59	24.25 1.52 -6.10	28.39 0.80 -18.75	29.57 1.73 -11.37	35.20 2.96 -5.65	37.63 3.50 -5.35	279.91 4.73 -232.96	297.81 4.26 -254.72	403.37 3.38 -371.22	72.04 2.46 -43.02	38.44 2.22 -12.84	24.69 2.11 0.00	23.39 1.87 -0.54
SOUTHDOW_115KV_TB1 355954	25.83 -0.07 -1.43	23.73 0.26 -1.63	19.55 0.32 -1.35	4.36 -0.04 -6.87	3.29 -0.11 -8.10	3.43 -0.11 -7.70	7.57 -0.01 -7.88	26.05 0.34 -0.56	16.10 0.37 -1.92	20.66 0.58 0.00	19.97 0.46 -1.02	18.02 0.19 -1.15	18.29 0.13 -1.53	13.51 -0.04 -4.71	19.28 -0.04 -2.86	27.90 -0.09 -1.42	29.80 0.26 -0.76	43.25 1.04 0.00	39.67 0.68 -0.16	28.88 0.10 0.00	26.82 0.06 -0.20	23.65 0.27 0.00	22.99 0.41 0.00	21.59 0.47 -0.13
SOUTHOLD_69_KV_BK 2 55809	33.05 2.87 -5.70	30.78 2.43 -6.50	25.33 2.07 -5.38	24.60 -0.28 -27.35	27.04 -0.52 -32.27	26.03 -0.49 -30.68	31.03 -0.04 -31.36	30.42 3.04 -2.24	23.09 1.62 -7.66	22.31 2.24 0.00	24.52 1.96 -4.07	22.99 1.72 -4.59	24.43 1.70 -6.10	28.49 0.89 -18.75	29.76 1.92 -11.37	35.52 3.29 -5.65	38.05 3.92 -5.35	280.25 5.14 -232.89	298.04 4.56 -254.65	403.60 3.71 -371.11	72.40 2.83 -43.01	38.74 2.52 -12.84	24.96 2.38 0.00	23.63 2.11 -0.54
SOUTHOLD___IC 23719	33.04 2.87 -5.70	30.78 2.43 -6.50	25.32 2.07 -5.38	24.60 -0.28 -27.35	27.04 -0.52 -32.27	26.03 -0.49 -30.68	31.03 -0.03 -31.36	30.42 3.04 -2.24	23.09 1.62 -7.66	22.31 2.24 0.00	24.52 1.96 -4.07	22.99 1.72 -4.59	24.43 1.70 -6.10	28.49 0.89 -18.75	29.76 1.92 -11.37	35.53 3.29 -5.65	38.02 3.89 -5.35	280.27 5.16 -232.89	298.05 4.58 -254.65	403.61 3.72 -371.11	72.40 2.83 -43.01	38.74 2.52 -12.84	24.96 2.38 0.00	23.63 2.11 -0.54
SOUTH_FORK_WT_PWR 323839	33.12 2.94 -5.70	30.84 2.50 -6.50	25.38 2.12 -5.38	24.60 -0.29 -27.35	27.03 -0.53 -32.27	26.02 -0.50 -30.68	31.03 -0.03 -31.36	30.50 3.12 -2.24	23.13 1.66 -7.66	22.36 2.29 0.00	24.57 2.01 -4.07	23.02 1.76 -4.59	24.47 1.74 -6.10	28.51 0.91 -18.75	29.80 1.96 -11.37	35.60 3.37 -5.65	38.13 4.00 -5.35	280.46 5.31 -232.93	298.28 4.77 -254.69	403.86 3.92 -371.17	72.50 2.92 -43.02	38.81 2.59 -12.84	25.02 2.45 0.00	23.69 2.17 -0.54
SPIERFLS_115KV_TB 1 80737	33.14 1.64 -7.03	31.32 1.45 -8.02	25.72 1.20 -6.64	31.12 -0.16 -33.74	34.80 -0.31 -39.82	33.41 -0.28 -37.85	38.38 -0.02 -38.69	29.57 1.66 -2.76	24.15 0.88 -9.46	21.37 1.29 0.00	24.68 1.17 -5.03	23.35 1.02 -5.66	25.25 1.09 -7.53	32.56 0.58 -23.13	31.62 1.12 -14.03	35.34 1.78 -6.98	34.42 1.89 -3.75	45.06 2.85 0.00	42.19 2.55 -0.81	30.50 1.73 0.00	29.06 1.51 -1.00	24.66 1.28 0.00	24.06 1.48 0.00	23.07 1.42 -0.66
ST LAWRENCE___ 23600	24.30 -0.39 -0.21	20.90 -1.18 -0.24	16.74 -1.34 -0.20	-1.22 0.23 -1.02	-3.05 0.45 -1.21	-2.61 0.40 -1.15	0.90 0.02 -1.17	23.11 -2.12 -0.09	12.76 -1.34 -0.29	17.89 -2.19 0.00	16.20 -2.44 -0.15	14.87 -1.98 -0.17	15.05 -1.81 -0.23	8.74 -0.81 -0.70	15.65 -1.24 -0.43	25.68 -1.12 -0.21	27.52 -1.38 -0.11	39.89 -2.33 0.00	36.40 -2.45 -0.03	28.02 -0.76 0.00	25.99 -0.60 -0.03	21.95 -1.43 0.00	20.95 -1.63 0.00	19.75 -1.25 -0.02
STATE_CA_115KV_115_LB 55624	31.80 0.45 -6.88	30.10 0.40 -7.85	24.74 0.36 -6.49	30.51 -0.05 -33.02	34.17 -0.09 -38.96	32.80 -0.08 -37.05	37.57 0.00 -37.86	28.35 0.50 -2.70	23.37 0.30 -9.25	20.51 0.44 0.00	23.84 0.44 -4.92	22.63 0.41 -5.54	24.39 0.39 -7.37	31.68 0.19 -22.64	30.59 0.39 -13.73	34.05 0.64 -6.83	33.14 0.69 -3.67	43.26 1.05 0.00	40.64 1.02 -0.79	29.52 0.74 0.00	28.21 0.67 -0.98	23.96 0.58 0.00	23.14 0.56 0.00	22.13 0.50 -0.65
STATE_ST_34_KV_LOAD 55959	25.90 0.16 -1.27	23.48 0.19 -1.45	19.26 0.18 -1.20	3.61 -0.03 -6.11	2.44 -0.06 -7.21	2.63 -0.06 -6.85	6.71 0.00 -7.01	25.93 0.29 -0.50	15.74 0.22 -1.71	20.42 0.35 0.00	19.71 0.31 -0.91	17.97 0.27 -1.03	18.16 0.17 -1.36	13.11 0.07 -4.19	19.14 0.13 -2.54	28.01 0.16 -1.26	29.63 0.17 -0.68	42.57 0.36 0.00	39.43 0.46 -0.15	29.11 0.33 0.00	26.93 0.19 -0.18	23.63 0.25 0.00	22.82 0.24 0.00	21.31 0.21 -0.12
STATION 5_MISC_HYD 23604	25.28 -0.42 -1.23	23.03 -0.21 -1.40	18.96 -0.08 -1.16	3.43 0.00 -5.90	2.24 -0.01 -6.96	2.44 -0.01 -6.61	6.46 0.00 -6.76	25.37 -0.26 -0.48	15.43 -0.03 -1.65	20.10 0.03 0.00	19.43 0.07 -0.88	17.69 0.03 -0.99	17.93 -0.01 -1.32	12.83 -0.06 -4.04	18.67 -0.25 -2.45	27.27 -0.53 -1.22	29.00 -0.44 -0.66	41.86 -0.35 0.00	38.51 -0.45 -0.14	28.11 -0.67 0.00	26.11 -0.62 -0.17	22.90 -0.48 0.00	22.18 -0.40 0.00	20.81 -0.29 -0.12
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.54 -0.17 -1.23	23.22 -0.02 -1.41	19.08 0.04 -1.16	3.44 -0.01 -5.92	2.24 -0.03 -6.98	2.44 -0.04 -6.64	6.49 0.00 -6.78	25.66 0.03 -0.48	15.58 0.11 -1.66	20.30 0.23 0.00	19.60 0.23 -0.88	17.83 0.16 -0.99	18.06 0.11 -1.32	12.91 0.01 -4.06	18.87 -0.06 -2.46	27.63 -0.18 -1.22	29.40 -0.05 -0.66	42.42 0.20 0.00	39.05 0.09 -0.14	28.55 -0.22 0.00	26.55 -0.18 -0.17	23.27 -0.11 0.00	22.51 -0.08 0.00	21.07 -0.03 -0.12
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.18 -0.52 -1.23	22.92 -0.32 -1.40	18.86 -0.18 -1.16	3.43 0.02 -5.88	2.25 0.02 -6.94	2.45 0.01 -6.60	6.45 0.00 -6.75	25.25 -0.37 -0.48	15.36 -0.10 -1.65	20.01 -0.06 0.00	19.34 -0.02 -0.88	17.61 -0.05 -0.99	17.85 -0.09 -1.31	12.78 -0.10 -4.03	18.61 -0.31 -2.45	27.19 -0.61 -1.22	28.90 -0.54 -0.65	41.71 -0.50 0.00	38.37 -0.60 -0.14	28.01 -0.77 0.00	26.02 -0.71 -0.17	22.82 -0.56 0.00	22.09 -0.49 0.00	20.72 -0.38 -0.12
STA_56___34_KV_BUS2 355983	25.18 -0.52 -1.23	22.92 -0.32 -1.40	18.86 -0.18 -1.16	3.43 0.02 -5.88	2.25 0.02 -6.94	2.45 0.01 -6.60	6.45 0.00 -6.75	25.25 -0.37 -0.48	15.36 -0.10 -1.65	20.01 -0.06 0.00	19.34 -0.02 -0.88	17.61 -0.05 -0.99	17.85 -0.09 -1.31	12.78 -0.10 -4.03	18.61 -0.31 -2.45	27.19 -0.61 -1.22	28.90 -0.54 -0.65	41.71 -0.50 0.00	38.37 -0.60 -0.14	28.01 -0.77 0.00	26.02 -0.71 -0.17	22.82 -0.56 0.00	22.09 -0.49 0.00	20.72 -0.38 -0.12
STA_67___115KV_BK2 355882	25.24 -0.47 -1.23	22.99 -0.25 -1.40	18.93 -0.11 -1.16	3.43 0.01 -5.89	2.25 0.00 -6.96	2.45 0.00 -6.61	6.46 0.00 -6.76	25.32 -0.31 -0.48	15.41 -0.06 -1.65	20.07 -0.01 0.00	19.40 0.03 -0.88	17.66 -0.01 -0.99	17.90 -0.04 -1.32	12.81 -0.08 -4.04	18.64 -0.28 -2.45	27.21 -0.58 -1.22	28.93 -0.51 -0.66	41.76 -0.46 0.00	38.41 -0.56 -0.14	28.02 -0.75 0.00	26.05 -0.69 -0.17	22.85 -0.53 0.00	22.14 -0.44 0.00	20.77 -0.33 -0.12
STA_7___115KV_9TRANS 80674	25.38 -0.32 -1.23	23.11 -0.13 -1.40	19.02 -0.02 -1.16	3.42 0.00 -5.90	2.22 -0.03 -6.96	2.43 -0.02 -6.62	6.46 0.00 -6.76	25.47 -0.16 -0.48	15.49 0.02 -1.65	20.19 0.11 0.00	19.52 0.16 -0.88	17.76 0.09 -0.99	18.01 0.06 -1.32	12.87 -0.02 -4.04	18.75 -0.17 -2.45	27.40 -0.40 -1.22	29.15 -0.29 -0.66	42.10 -0.11 0.00	38.72 -0.25 -0.14	28.26 -0.52 0.00	26.25 -0.48 -0.17	23.02 -0.36 0.00	22.29 -0.29 0.00	20.90 -0.19 -0.12

STA_82___115KV_TB1 80780	25.26 -0.45 -1.23	23.01 -0.24 -1.40	18.94 -0.10 -1.16	3.44 0.01 -5.91	2.26 -0.01 -6.97	2.46 0.00 -6.63	6.48 0.00 -6.77	25.34 -0.29 -0.48	15.42 -0.05 -1.66	20.08 0.01 0.00	19.41 0.05 -0.88	17.67 0.00 -0.99	17.91 -0.03 -1.32	12.82 -0.07 -4.05	18.65 -0.27 -2.46	27.24 -0.56 -1.22	28.95 -0.49 -0.66	41.80 -0.42 0.00	38.44 -0.53 -0.14	28.05 -0.73 0.00	26.07 -0.67 -0.17	22.86 -0.52 0.00	22.15 -0.43 0.00	20.78 -0.32 -0.12
STEEL___WIND 323596	25.01 -0.86 -1.39	22.93 -0.49 -1.59	18.94 -0.25 -1.31	4.24 0.03 -6.68	3.20 0.03 -7.87	3.35 0.03 -7.49	7.36 0.00 -7.65	25.08 -0.61 -0.55	15.53 -0.16 -1.87	19.92 -0.15 0.00	19.34 -0.14 -0.99	17.58 -0.22 -1.12	17.78 -0.33 -1.49	13.13 -0.29 -4.58	18.60 -0.64 -2.78	26.79 -1.17 -1.38	28.50 -1.03 -0.74	41.26 -0.96 0.00	37.89 -1.10 -0.16	27.50 -1.28 0.00	25.59 -1.17 -0.20	22.53 -0.85 0.00	21.91 -0.67 0.00	20.63 -0.48 -0.13
STEPHTWN_115KV_BK_2 55603	31.97 0.68 -6.81	30.19 0.57 -7.78	24.84 0.53 -6.43	30.16 -0.07 -32.70	33.73 -0.14 -38.58	32.39 -0.13 -36.68	37.19 -0.01 -37.49	28.60 0.78 -2.67	23.43 0.45 -9.16	20.68 0.61 0.00	23.92 0.57 -4.87	22.71 0.54 -5.49	24.48 0.55 -7.30	31.55 0.29 -22.42	30.64 0.58 -13.59	34.22 0.88 -6.76	33.42 1.00 -3.63	43.78 1.56 0.00	41.04 1.43 -0.79	29.80 1.03 0.00	28.51 0.99 -0.97	24.18 0.80 0.00	23.31 0.74 0.00	22.30 0.68 -0.64
STEBEN_REC_LFGE 323667	24.93 -1.19 -1.65	22.96 -0.76 -1.88	18.90 -0.54 -1.56	5.53 0.09 -7.91	4.75 0.13 -9.33	4.78 0.08 -8.87	8.78 0.01 -9.06	25.07 -0.72 -0.65	15.82 -0.21 -2.22	19.71 -0.37 0.00	19.19 -0.48 -1.18	17.38 -0.62 -1.33	17.53 -0.86 -1.76	13.64 -0.62 -5.42	18.47 -1.29 -3.29	26.41 -1.80 -1.63	28.58 -1.08 -0.88	41.58 -0.63 0.00	38.52 -0.49 -0.19	28.44 -0.33 0.00	26.40 -0.40 -0.23	23.33 -0.05 0.00	22.55 -0.02 0.00	21.14 0.00 -0.16
STILLWATER___SOLAR 323814	32.75 1.28 -7.00	30.97 1.14 -7.99	25.43 0.94 -6.60	30.98 -0.13 -33.58	34.67 -0.24 -39.62	33.29 -0.22 -37.67	38.19 -0.01 -38.50	29.23 1.34 -2.74	23.94 0.71 -9.41	21.08 1.00 0.00	24.41 0.93 -5.00	23.14 0.83 -5.63	25.01 0.89 -7.49	32.35 0.48 -23.02	31.34 0.91 -13.96	35.03 1.51 -6.94	34.16 1.64 -3.73	44.71 2.49 0.00	41.91 2.28 -0.81	30.39 1.61 0.00	29.00 1.44 -0.99	24.60 1.23 0.00	23.84 1.26 0.00	22.80 1.16 -0.66
STONY___BROOK 24151	32.24 2.07 -5.70	30.06 1.72 -6.50	24.73 1.47 -5.38	24.69 -0.20 -27.35	27.20 -0.36 -32.27	26.18 -0.34 -30.68	31.05 -0.02 -31.36	29.52 2.14 -2.24	22.61 1.13 -7.66	21.66 1.59 0.00	23.99 1.43 -4.07	22.53 1.27 -4.59	23.98 1.25 -6.10	28.26 0.66 -18.75	29.28 1.44 -11.37	34.69 2.45 -5.65	36.96 2.83 -5.35	314.79 3.78 -268.79	336.07 3.45 -293.79	459.70 2.62 -428.31	77.94 1.86 -49.52	40.00 1.80 -14.82	24.26 1.68 0.00	23.00 1.48 -0.54
STURGEON_POOL_HYD 23609	31.29 0.95 -5.86	29.42 0.89 -6.69	24.14 0.73 -5.53	25.57 -0.10 -28.14	28.30 -0.19 -33.20	27.23 -0.17 -31.56	31.95 -0.01 -32.26	28.48 1.04 -2.30	22.23 0.53 -7.88	20.88 0.80 0.00	23.42 0.74 -4.19	22.05 0.65 -4.72	23.53 0.62 -6.28	28.47 0.34 -19.29	28.80 0.64 -11.70	33.46 1.06 -5.82	33.12 1.21 -3.13	43.95 1.73 0.00	41.24 1.73 -0.68	30.01 1.24 0.00	28.46 1.07 -0.83	24.38 1.00 0.00	23.53 0.95 0.00	22.36 0.82 -0.55
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.71 0.98 -5.26	28.77 0.93 -6.00	23.60 0.75 -4.96	22.67 -0.10 -25.24	24.88 -0.20 -29.78	23.97 -0.18 -28.32	28.63 -0.01 -28.94	28.29 1.08 -2.06	21.44 0.55 -7.07	20.87 0.80 0.00	23.00 0.75 -3.76	21.58 0.67 -4.24	22.92 0.66 -5.63	26.50 0.35 -17.31	27.62 0.66 -10.49	32.85 1.05 -5.22	32.75 1.16 -2.80	43.90 1.68 0.00	41.10 1.67 -0.61	29.95 1.17 0.00	28.31 1.01 -0.75	24.35 0.97 0.00	23.51 0.93 0.00	22.28 0.81 -0.50
SWANROAD_115KV_TB1 355699	24.30 -1.53 -1.35	22.34 -1.04 -1.54	18.49 -0.66 -1.27	4.08 0.09 -6.46	3.05 0.13 -7.62	3.21 0.13 -7.24	7.12 0.01 -7.41	24.35 -1.32 -0.53	15.05 -0.57 -1.81	19.36 -0.71 0.00	18.78 -0.67 -0.96	17.16 -0.60 -1.08	17.38 -0.69 -1.44	12.77 -0.50 -4.43	18.07 -1.08 -2.69	25.93 -1.98 -1.33	27.53 -1.97 -0.71	39.80 -2.42 0.00	36.54 -2.44 -0.15	26.48 -2.30 0.00	24.69 -2.06 -0.19	21.70 -1.68 0.00	21.13 -1.45 0.00	19.93 -1.17 -0.13
SYNERGY___BIOGAS 323694	25.02 -0.79 -1.34	22.96 -0.40 -1.53	18.99 -0.15 -1.26	3.96 0.02 -6.41	2.85 0.00 -7.56	3.03 0.01 -7.19	7.05 0.00 -7.35	25.14 -0.53 -0.52	15.46 -0.15 -1.80	20.01 -0.07 0.00	19.40 -0.04 -0.95	17.64 -0.11 -1.08	17.86 -0.19 -1.43	13.00 -0.23 -4.39	18.46 -0.67 -2.66	26.99 -0.91 -1.31	29.06 -0.41 -0.69	42.16 -0.06 0.00	38.73 -0.24 -0.15	28.11 -0.66 0.00	26.18 -0.56 -0.18	22.96 -0.42 0.00	22.27 -0.31 0.00	20.92 -0.18 -0.12
SYRACUSE___ENERGY_ST1 323597	25.57 -0.05 -1.14	23.14 0.00 -1.30	18.97 0.01 -1.08	3.00 -0.01 -5.47	1.74 -0.01 -6.46	1.96 -0.01 -6.14	5.98 0.00 -6.28	25.65 0.06 -0.45	15.42 0.07 -1.53	20.19 0.12 0.00	19.43 0.13 -0.81	17.69 0.09 -0.92	17.90 0.05 -1.22	12.61 0.01 -3.75	18.75 0.01 -2.28	27.67 -0.04 -1.13	29.37 -0.03 -0.61	42.21 0.00 0.00	38.94 -0.01 -0.13	28.65 -0.13 0.00	26.65 -0.07 -0.16	23.38 -0.01 0.00	22.58 0.00 0.00	21.08 -0.01 -0.11
SYRACUSE___ENERGY_ST2 323598	25.57 -0.05 -1.14	23.14 0.00 -1.30	18.97 0.01 -1.08	3.00 -0.01 -5.47	1.74 -0.01 -6.46	1.96 -0.01 -6.14	5.98 0.00 -6.28	25.65 0.06 -0.45	15.42 0.07 -1.53	20.19 0.12 0.00	19.43 0.13 -0.81	17.69 0.09 -0.92	17.90 0.05 -1.22	12.61 0.01 -3.75	18.75 0.01 -2.28	27.67 -0.04 -1.13	29.37 -0.03 -0.61	42.21 0.00 0.00	38.94 -0.01 -0.13	28.65 -0.13 0.00	26.65 -0.07 -0.16	23.38 -0.01 0.00	22.58 0.00 0.00	21.08 -0.01 -0.11
SYRACUSE___POWER 24017	25.60 -0.05 -1.17	23.17 0.00 -1.33	19.00 0.01 -1.10	3.14 -0.01 -5.61	1.90 -0.01 -6.62	2.12 -0.01 -6.29	6.14 0.00 -6.43	25.66 0.06 -0.46	15.45 0.06 -1.57	20.19 0.12 0.00	19.45 0.12 -0.84	17.72 0.10 -0.94	17.94 0.06 -1.25	12.70 0.01 -3.85	18.80 0.00 -2.33	27.71 -0.03 -1.16	29.38 -0.03 -0.62	42.20 -0.02 0.00	38.92 -0.05 -0.13	28.64 -0.14 0.00	26.65 -0.07 -0.17	23.38 -0.01 0.00	22.58 0.00 0.00	21.09 0.00 -0.11
TALLMAN___138KV_BK151 55660	31.05 1.15 -5.42	29.12 1.09 -6.19	23.89 0.89 -5.12	23.43 -0.12 -26.02	25.77 -0.23 -30.70	24.82 -0.21 -29.19	29.52 -0.02 -29.84	28.53 1.26 -2.13	21.75 0.64 -7.29	21.02 0.95 0.00	23.26 0.90 -3.87	21.85 0.80 -4.36	23.23 0.80 -5.81	27.09 0.41 -17.84	28.06 0.77 -10.82	33.20 1.25 -5.38	33.04 1.37 -2.89	44.18 1.96 0.00	41.39 1.94 -0.63	30.17 1.40 0.00	28.51 1.18 -0.77	24.51 1.13 0.00	23.66 1.09 0.00	22.44 0.95 -0.51
TEALLAVE_115KV_TB7 355573	25.35 -0.19 -1.06	22.92 -0.13 -1.21	18.80 -0.08 -1.00	2.62 0.01 -5.08	1.30 0.01 -6.00	1.55 0.01 -5.70	5.53 0.00 -5.83	25.47 -0.10 -0.42	15.22 -0.02 -1.42	20.08 0.00 0.00	19.27 0.02 -0.76	17.53 0.01 -0.85	17.73 -0.03 -1.13	12.29 -0.04 -3.48	18.49 -0.09 -2.11	27.43 -0.20 -1.05	29.12 -0.23 -0.57	41.88 -0.34 0.00	38.60 -0.35 -0.12	28.42 -0.36 0.00	26.44 -0.27 -0.15	23.22 -0.16 0.00	22.44 -0.14 0.00	20.95 -0.14 -0.10

TELGRAPH_34_KV_EAST 80808	24.84 -0.96 -1.33	22.78 -0.57 -1.51	18.83 -0.30 -1.25	3.93 0.04 -6.36	2.83 0.04 -7.50	3.01 0.04 -7.13	7.00 0.00 -7.29	24.93 -0.74 -0.52	15.35 -0.25 -1.78	19.84 -0.23 0.00	19.22 -0.21 -0.95	17.51 -0.24 -1.07	17.74 -0.30 -1.42	12.91 -0.29 -4.36	18.41 -0.70 -2.64	26.62 -1.27 -1.31	28.38 -1.11 -0.70	41.07 -1.15 0.00	37.71 -1.27 -0.15	27.33 -1.45 0.00	25.48 -1.27 -0.19	22.37 -1.00 0.00	21.74 -0.84 0.00	20.47 -0.63 -0.12
TEMPLE___115KV_TB 2 55572	25.38 -0.17 -1.07	22.95 -0.11 -1.22	18.82 -0.07 -1.01	2.67 0.01 -5.13	1.36 0.01 -6.06	1.60 0.00 -5.76	5.59 0.00 -5.88	25.50 -0.07 -0.42	15.24 -0.01 -1.44	20.09 0.02 0.00	19.29 0.04 -0.76	17.56 0.02 -0.86	17.76 -0.02 -1.15	12.33 -0.04 -3.52	18.52 -0.08 -2.13	27.46 -0.18 -1.06	29.15 -0.21 -0.57	41.91 -0.31 0.00	38.63 -0.32 -0.12	28.44 -0.33 0.00	26.46 -0.25 -0.15	23.24 -0.14 0.00	22.45 -0.13 0.00	20.96 -0.12 -0.10
TIANA___69_KV_BK 1 55817	32.65 2.48 -5.70	30.44 2.09 -6.50	25.05 1.79 -5.38	24.64 -0.24 -27.35	27.12 -0.45 -32.27	26.10 -0.42 -30.68	31.04 -0.03 -31.36	29.99 2.61 -2.24	22.86 1.38 -7.66	21.98 1.91 0.00	24.24 1.68 -4.07	22.74 1.47 -4.59	24.19 1.46 -6.10	28.36 0.76 -18.75	29.50 1.66 -11.37	35.09 2.85 -5.65	37.53 3.40 -5.35	279.66 4.54 -232.90	297.57 4.10 -254.65	403.13 3.24 -371.12	71.92 2.35 -43.01	38.34 2.12 -12.84	24.60 2.02 0.00	23.31 1.79 -0.54
TILDEN___115KV_TB1 80814	25.60 -0.05 -1.17	23.17 0.00 -1.33	19.00 0.01 -1.10	3.14 -0.01 -5.61	1.90 -0.01 -6.62	2.12 -0.01 -6.29	6.14 0.00 -6.43	25.66 0.06 -0.46	15.45 0.06 -1.57	20.19 0.12 0.00	19.45 0.12 -0.84	17.72 0.10 -0.94	17.94 0.06 -1.25	12.70 0.01 -3.85	18.80 0.00 -2.33	27.71 -0.03 -1.16	29.38 -0.03 -0.62	42.20 -0.02 0.00	38.92 -0.05 -0.13	28.64 -0.14 0.00	26.65 -0.07 -0.17	23.38 -0.01 0.00	22.58 0.00 0.00	21.09 0.00 -0.11
TRIGEN___CC 323695	31.83 1.66 -5.70	29.76 1.42 -6.50	24.44 1.18 -5.38	24.72 -0.16 -27.35	27.27 -0.30 -32.27	26.25 -0.27 -30.68	31.05 -0.02 -31.36	29.07 1.69 -2.24	22.36 0.88 -7.66	21.36 1.28 0.00	23.76 1.20 -4.07	22.35 1.08 -4.59	23.80 1.07 -6.10	28.15 0.56 -18.75	28.99 1.15 -11.37	34.17 1.94 -5.65	35.25 2.23 -4.24	45.10 2.88 0.00	42.18 2.69 -0.66	30.76 1.98 0.00	28.87 1.50 -0.81	24.82 1.45 0.00	23.93 1.35 0.00	22.72 1.20 -0.54
TRINITY___115KV___4 BK 55933	31.66 0.36 -6.83	29.95 0.32 -7.79	24.62 0.30 -6.45	30.26 -0.04 -32.77	33.88 -0.07 -38.66	32.53 -0.06 -36.76	37.27 -0.01 -37.57	28.23 0.40 -2.68	23.25 0.25 -9.18	20.43 0.36 0.00	23.73 0.36 -4.88	22.52 0.34 -5.50	24.25 0.32 -7.31	31.47 0.16 -22.47	30.41 0.32 -13.62	33.88 0.53 -6.77	32.98 0.55 -3.64	43.07 0.85 0.00	40.46 0.84 -0.79	29.41 0.63 0.00	28.10 0.57 -0.97	23.86 0.48 0.00	23.06 0.48 0.00	22.05 0.43 -0.64
UNION___PROCESSING_DRP 323587	25.26 -0.44 -1.23	23.02 -0.23 -1.40	18.95 -0.09 -1.16	3.45 0.00 -5.91	2.26 -0.01 -6.97	2.46 0.00 -6.63	6.48 0.00 -6.77	25.35 -0.28 -0.48	15.43 -0.04 -1.66	20.09 0.01 0.00	19.42 0.05 -0.88	17.68 0.01 -0.99	17.92 -0.03 -1.32	12.83 -0.07 -4.05	18.66 -0.27 -2.46	27.24 -0.56 -1.22	28.96 -0.48 -0.66	41.81 -0.41 0.00	38.45 -0.52 -0.14	28.06 -0.72 0.00	26.07 -0.66 -0.17	22.87 -0.51 0.00	22.16 -0.42 0.00	20.79 -0.31 -0.12
UPPER HUDSON___HYD 24058	33.14 1.63 -7.03	31.32 1.45 -8.02	25.72 1.20 -6.64	31.11 -0.16 -33.74	34.80 -0.31 -39.82	33.41 -0.28 -37.85	38.38 -0.02 -38.69	29.57 1.66 -2.76	24.15 0.88 -9.46	21.37 1.29 0.00	24.68 1.17 -5.03	23.35 1.02 -5.66	25.25 1.09 -7.53	32.56 0.58 -23.13	31.61 1.12 -14.03	35.34 1.78 -6.98	34.43 1.89 -3.75	45.07 2.85 0.00	42.19 2.55 -0.81	30.50 1.72 0.00	29.06 1.51 -1.00	24.65 1.27 0.00	24.06 1.48 0.00	23.07 1.42 -0.66
UPPER RAQUET___HYD 24056	24.60 -0.16 -0.29	21.21 -0.95 -0.33	17.02 -1.13 -0.27	-0.90 0.20 -1.37	-2.69 0.39 -1.62	-2.28 0.35 -1.54	1.30 0.02 -1.57	23.51 -1.75 -0.11	13.06 -1.14 -0.39	18.17 -1.91 0.00	16.53 -2.16 -0.20	15.19 -1.72 -0.23	15.42 -1.51 -0.30	9.16 -0.63 -0.94	16.10 -0.93 -0.57	26.23 -0.63 -0.28	28.19 -0.75 -0.15	40.88 -1.34 0.00	37.27 -1.59 -0.03	28.56 -0.22 0.00	26.50 -0.10 -0.04	22.38 -1.00 0.00	21.37 -1.21 0.00	20.14 -0.86 -0.03
VALLEY44_115KV_TB2 355964	25.81 -0.11 -1.44	23.60 0.11 -1.65	19.47 0.22 -1.36	4.44 -0.03 -6.93	3.41 -0.06 -8.18	3.56 -0.05 -7.78	7.65 0.00 -7.95	25.78 0.07 -0.57	15.98 0.23 -1.94	20.51 0.44 0.00	19.93 0.41 -1.03	18.06 0.22 -1.16	18.30 0.12 -1.55	13.53 -0.06 -4.75	19.16 -0.18 -2.88	27.49 -0.52 -1.43	29.10 -0.45 -0.77	42.11 -0.11 0.00	38.64 -0.36 -0.17	28.23 -0.55 0.00	26.22 -0.54 -0.20	23.11 -0.27 0.00	22.50 -0.08 0.00	21.23 0.11 -0.13
VALLEY___115KV_TB 1-4 80826	24.86 0.21 -0.17	22.23 0.20 -0.20	18.17 0.12 -0.16	-1.65 -0.01 -0.83	-3.75 -0.02 -0.98	-3.25 -0.01 -0.93	0.66 0.00 -0.95	25.38 0.16 -0.07	14.10 0.06 -0.23	20.19 0.11 0.00	18.72 0.11 -0.12	16.89 0.08 -0.14	16.94 0.13 -0.19	9.47 0.06 -0.57	16.93 0.12 -0.34	27.19 0.44 -0.17	29.40 0.53 -0.09	43.01 0.79 0.00	39.58 0.73 -0.02	29.17 0.40 0.00	27.05 0.46 -0.02	23.80 0.42 0.00	22.92 0.34 0.00	21.25 0.25 -0.02
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.42 0.98 -2.96	26.12 0.90 -3.38	21.43 0.75 -2.80	11.64 -0.11 -14.22	11.86 -0.20 -16.77	11.60 -0.19 -15.95	15.99 -0.02 -16.30	27.42 1.11 -1.16	18.41 0.62 -3.98	20.98 0.91 0.00	21.45 0.85 -2.12	19.80 0.74 -2.39	20.50 0.70 -3.17	18.96 0.37 -9.75	23.05 0.67 -5.91	30.62 1.10 -2.94	31.67 1.31 -1.58	44.16 1.94 0.00	41.05 1.88 -0.34	30.18 1.40 0.00	28.25 1.27 -0.42	24.50 1.12 0.00	23.62 1.04 0.00	22.21 0.95 -0.28
VISCHER___FERRY HYD 24020	32.23 0.86 -6.90	30.46 0.75 -7.87	25.02 0.63 -6.51	30.55 -0.08 -33.11	34.19 -0.16 -39.06	32.83 -0.15 -37.14	37.65 -0.01 -37.96	28.74 0.89 -2.71	23.57 0.48 -9.28	20.76 0.69 0.00	24.08 0.66 -4.93	22.82 0.59 -5.55	24.63 0.61 -7.39	31.87 0.33 -22.70	30.88 0.64 -13.76	34.48 1.06 -6.84	33.57 1.11 -3.68	43.94 1.72 0.00	41.23 1.61 -0.80	29.95 1.17 0.00	28.62 1.08 -0.98	24.30 0.92 0.00	23.51 0.93 0.00	22.48 0.84 -0.65
V_A_10_SYNC_DSASP 323832	24.80 -0.96 -1.28	22.70 -0.61 -1.46	18.73 -0.36 -1.21	3.73 0.04 -6.16	2.61 0.06 -7.27	2.80 0.06 -6.91	6.76 0.00 -7.06	24.85 -0.80 -0.50	15.24 -0.29 -1.73	19.74 -0.34 0.00	19.13 -0.28 -0.92	17.43 -0.27 -1.03	17.66 -0.34 -1.37	12.79 -0.28 -4.22	18.36 -0.67 -2.56	26.61 -1.25 -1.27	28.21 -1.26 -0.68	40.72 -1.50 0.00	37.40 -1.57 -0.15	27.17 -1.60 0.00	25.30 -1.44 -0.18	22.23 -1.15 0.00	21.60 -0.97 0.00	20.35 -0.75 -0.12
V_CMM_10_SYNC_DSASP 323787	24.41 -0.28 -0.21	21.00 -1.08 -0.24	16.83 -1.26 -0.20	-1.23 0.22 -1.02	-3.07 0.43 -1.21	-2.63 0.38 -1.15	0.90 0.02 -1.17	23.23 -2.00 -0.09	12.83 -1.27 -0.29	17.98 -2.09 0.00	16.28 -2.36 -0.15	14.94 -1.91 -0.17	15.13 -1.73 -0.23	8.79 -0.76 -0.70	15.73 -1.16 -0.43	25.80 -0.99 -0.21	27.66 -1.24 -0.11	40.09 -2.13 0.00	36.58 -2.27 -0.03	28.15 -0.63 0.00	26.11 -0.48 -0.03	22.05 -1.33 0.00	21.06 -1.52 0.00	19.85 -1.15 -0.02

V_CMP_10_SYNC_DSASP 323788	24.72 0.03 -0.21	21.17 -0.91 -0.24	16.96 -1.12 -0.20	-1.25 0.20 -1.02	-3.09 0.41 -1.21	-2.66 0.36 -1.15	0.90 0.03 -1.17	23.21 -2.02 -0.08	12.72 -1.38 -0.28	17.79 -2.28 0.00	16.05 -2.59 -0.15	14.72 -2.12 -0.17	14.98 -1.88 -0.23	8.81 -0.74 -0.70	15.86 -1.03 -0.42	26.39 -0.40 -0.21	28.41 -0.49 -0.11	41.38 -0.83 0.00	37.75 -1.10 -0.03	28.86 0.08 0.00	26.44 -0.15 -0.03	22.41 -0.97 0.00	21.39 -1.19 0.00	20.28 -0.72 -0.02
V_D_10_SYNC_DSASP 323841	24.35 -1.48 -1.35	22.35 -1.03 -1.54	18.49 -0.66 -1.27	4.06 0.08 -6.46	3.01 0.11 -7.62	3.19 0.11 -7.24	7.11 0.00 -7.40	24.31 -1.36 -0.53	15.08 -0.55 -1.81	19.37 -0.70 0.00	18.80 -0.64 -0.96	17.19 -0.57 -1.08	17.41 -0.65 -1.44	12.76 -0.51 -4.43	18.11 -1.04 -2.69	25.98 -1.94 -1.33	27.54 -1.96 -0.71	39.59 -2.63 0.00	36.31 -2.68 -0.15	26.28 -2.50 0.00	24.51 -2.24 -0.19	21.55 -1.83 0.00	20.99 -1.59 0.00	19.89 -1.22 -0.13
V_E_10_SYNC_DSASP 323830	28.43 1.65 -2.31	25.91 1.44 -2.64	21.34 1.28 -2.18	8.45 -0.18 -11.09	8.03 -0.35 -13.09	7.96 -0.31 -12.44	12.41 -0.02 -12.72	28.08 2.02 -0.91	18.09 1.17 -3.11	21.72 1.65 0.00	21.70 1.56 -1.65	19.71 1.17 -1.86	20.12 1.01 -2.48	16.99 0.54 -7.60	22.02 0.94 -4.61	30.81 1.94 -2.29	32.59 2.57 -1.23	46.14 3.92 0.00	42.77 3.68 -0.27	31.31 2.54 0.00	29.48 2.59 -0.33	25.66 2.28 0.00	24.60 2.02 0.00	22.96 1.76 -0.22
V_F_30_NSYNC___DSASP 323816	32.79 1.31 -7.01	31.01 1.17 -8.00	25.47 0.97 -6.62	31.05 -0.13 -33.65	34.75 -0.25 -39.71	33.36 -0.22 -37.75	38.28 -0.02 -38.59	29.27 1.37 -2.75	23.98 0.73 -9.43	21.11 1.03 0.00	24.46 0.96 -5.01	23.18 0.86 -5.65	25.05 0.92 -7.51	32.41 0.49 -23.07	31.39 0.94 -13.99	35.08 1.55 -6.96	34.20 1.68 -3.74	44.76 2.54 0.00	41.96 2.33 -0.81	30.42 1.65 0.00	29.03 1.47 -0.99	24.63 1.25 0.00	23.86 1.28 0.00	22.82 1.18 -0.66
V_F_30_SYNC_DSASP 323786	31.80 0.45 -6.87	30.09 0.40 -7.85	24.73 0.36 -6.49	30.48 -0.05 -33.00	34.14 -0.09 -38.94	32.78 -0.08 -37.02	37.54 0.00 -37.84	28.35 0.50 -2.70	23.36 0.30 -9.25	20.51 0.43 0.00	23.84 0.44 -4.92	22.62 0.41 -5.54	24.37 0.39 -7.37	31.67 0.19 -22.63	30.58 0.39 -13.72	34.04 0.64 -6.82	33.14 0.68 -3.67	43.26 1.05 0.00	40.63 1.02 -0.79	29.52 0.74 0.00	28.21 0.67 -0.97	23.96 0.58 0.00	23.14 0.56 0.00	22.13 0.50 -0.65
V_XM_10_SYNC_DSASP 323789	24.72 0.03 -0.21	21.17 -0.91 -0.24	16.96 -1.12 -0.20	-1.25 0.20 -1.02	-3.09 0.41 -1.21	-2.66 0.36 -1.15	0.90 0.03 -1.17	23.21 -2.02 -0.08	12.72 -1.38 -0.28	17.79 -2.28 0.00	16.05 -2.59 -0.15	14.72 -2.12 -0.17	14.98 -1.88 -0.23	8.81 -0.74 -0.70	15.86 -1.03 -0.42	26.39 -0.40 -0.21	28.41 -0.49 -0.11	41.38 -0.83 0.00	37.75 -1.10 -0.03	28.86 0.08 0.00	26.44 -0.15 -0.03	22.41 -0.97 0.00	21.39 -1.19 0.00	20.28 -0.72 -0.02
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.34 1.35 -5.52	29.39 1.25 -6.30	24.11 1.02 -5.21	23.88 -0.14 -26.49	26.28 -0.26 -31.26	25.31 -0.24 -29.71	30.06 -0.02 -30.37	28.75 1.44 -2.16	21.99 0.75 -7.42	21.19 1.12 0.00	23.49 1.06 -3.95	22.07 0.95 -4.45	23.49 0.95 -5.91	27.49 0.49 -18.16	28.40 0.92 -11.01	33.56 1.51 -5.48	33.40 1.67 -2.94	44.64 2.42 0.00	41.82 2.35 -0.64	30.48 1.71 0.00	28.80 1.46 -0.78	24.75 1.37 0.00	23.88 1.30 0.00	22.65 1.14 -0.52
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.52 1.35 -5.70	29.58 1.24 -6.50	24.27 1.01 -5.38	24.74 -0.14 -27.35	27.31 -0.25 -32.27	26.28 -0.23 -30.68	31.05 -0.02 -31.36	28.79 1.41 -2.24	22.21 0.73 -7.66	21.17 1.10 0.00	23.60 1.05 -4.07	22.22 0.96 -4.59	23.69 0.96 -6.10	28.06 0.47 -18.75	28.72 0.89 -11.37	33.67 1.44 -5.65	33.45 1.62 -3.04	44.54 2.32 0.00	41.74 2.26 -0.66	30.43 1.66 0.00	28.78 1.42 -0.81	24.74 1.36 0.00	23.84 1.26 0.00	22.65 1.13 -0.54
W50THST__13_KV_LOAD 356117	31.70 1.53 -5.70	29.74 1.40 -6.50	24.40 1.14 -5.38	24.72 -0.16 -27.35	27.26 -0.29 -32.27	26.25 -0.27 -30.68	31.04 -0.02 -31.36	28.99 1.61 -2.24	22.33 0.85 -7.66	21.35 1.27 0.00	23.77 1.21 -4.07	22.37 1.11 -4.59	23.84 1.11 -6.10	28.13 0.54 -18.75	28.86 1.02 -11.37	33.89 1.65 -5.65	33.68 1.86 -3.04	44.88 2.66 0.00	42.06 2.57 -0.66	30.66 1.88 0.00	28.99 1.62 -0.81	24.92 1.54 0.00	24.01 1.43 0.00	22.82 1.30 -0.54
WADING RIVER_IC_1 23522	32.38 2.21 -5.70	30.19 1.85 -6.50	24.85 1.59 -5.38	24.67 -0.21 -27.35	27.17 -0.39 -32.27	26.15 -0.37 -30.68	31.04 -0.03 -31.36	29.68 2.30 -2.24	22.70 1.22 -7.66	21.75 1.68 0.00	24.04 1.49 -4.07	22.57 1.30 -4.59	24.02 1.29 -6.10	28.27 0.67 -18.75	29.33 1.49 -11.37	34.79 2.55 -5.65	37.15 3.02 -5.35	280.03 4.02 -233.79	298.07 3.61 -255.62	404.14 2.82 -372.53	71.72 1.99 -43.17	38.08 1.81 -12.89	24.31 1.73 0.00	23.05 1.53 -0.54
WADING RIVER_IC_2 23547	32.38 2.21 -5.70	30.19 1.85 -6.50	24.85 1.59 -5.38	24.67 -0.21 -27.35	27.17 -0.39 -32.27	26.15 -0.37 -30.68	31.04 -0.03 -31.36	29.68 2.30 -2.24	22.70 1.22 -7.66	21.75 1.68 0.00	24.04 1.49 -4.07	22.57 1.30 -4.59	24.02 1.29 -6.10	28.27 0.67 -18.75	29.33 1.49 -11.37	34.79 2.55 -5.65	37.15 3.02 -5.35	280.03 4.02 -233.79	298.07 3.61 -255.62	404.14 2.82 -372.53	71.72 1.99 -43.17	38.08 1.81 -12.89	24.31 1.73 0.00	23.05 1.53 -0.54
WADING RIVER_IC_3 23601	32.38 2.21 -5.70	30.19 1.85 -6.50	24.85 1.59 -5.38	24.67 -0.21 -27.35	27.17 -0.39 -32.27	26.15 -0.37 -30.68	31.04 -0.03 -31.36	29.68 2.30 -2.24	22.70 1.22 -7.66	21.75 1.68 0.00	24.04 1.49 -4.07	22.57 1.30 -4.59	24.02 1.29 -6.10	28.27 0.67 -18.75	29.33 1.49 -11.37	34.79 2.55 -5.65	37.15 3.02 -5.35	280.03 4.02 -233.79	298.07 3.61 -255.62	404.14 2.82 -372.53	71.72 1.99 -43.17	38.08 1.81 -12.89	24.31 1.73 0.00	23.05 1.53 -0.54
WALDENNY_12_KV_BK2 80841	25.01 -0.85 -1.39	22.94 -0.48 -1.58	18.94 -0.24 -1.31	4.21 0.03 -6.65	3.17 0.03 -7.85	3.32 0.03 -7.46	7.34 0.00 -7.63	25.07 -0.62 -0.54	15.52 -0.16 -1.87	19.93 -0.15 0.00	19.33 -0.14 -0.99	17.60 -0.19 -1.12	17.81 -0.30 -1.49	13.12 -0.28 -4.56	18.60 -0.63 -2.76	26.78 -1.17 -1.37	28.49 -1.04 -0.74	41.25 -0.97 0.00	37.87 -1.12 -0.16	27.48 -1.30 0.00	25.59 -1.17 -0.20	22.50 -0.88 0.00	21.90 -0.68 0.00	20.62 -0.49 -0.13
WALDEN___HYDRO 24148	31.18 1.20 -5.50	29.23 1.11 -6.28	23.97 0.90 -5.20	23.82 -0.12 -26.41	26.22 -0.23 -31.17	25.25 -0.21 -29.63	29.97 -0.02 -30.28	28.62 1.31 -2.16	21.89 0.67 -7.40	21.02 0.94 0.00	23.27 0.85 -3.93	21.85 0.74 -4.43	23.25 0.73 -5.89	27.37 0.41 -18.11	28.23 0.78 -10.98	33.30 1.25 -5.46	33.20 1.48 -2.93	44.43 2.21 0.00	41.61 2.15 -0.64	30.33 1.55 0.00	28.67 1.34 -0.78	24.62 1.24 0.00	23.75 1.17 0.00	22.52 1.02 -0.52
WARRENSBURG____ 23737	33.14 1.63 -7.03	31.32 1.45 -8.02	25.72 1.20 -6.64	31.11 -0.16 -33.74	34.80 -0.31 -39.82	33.41 -0.28 -37.85	38.38 -0.02 -38.69	29.57 1.66 -2.76	24.15 0.88 -9.46	21.37 1.29 0.00	24.68 1.17 -5.03	23.35 1.02 -5.66	25.25 1.09 -7.53	32.56 0.58 -23.13	31.61 1.12 -14.03	35.34 1.78 -6.98	34.43 1.89 -3.75	45.07 2.85 0.00	42.19 2.55 -0.81	30.50 1.72 0.00	29.06 1.51 -1.00	24.65 1.27 0.00	24.06 1.48 0.00	23.07 1.42 -0.66



WATERSIDE___6 8 9 23538	31.52 1.35 -5.70	29.58 1.24 -6.50	24.28 1.02 -5.38	24.74 -0.14 -27.35	27.30 -0.26 -32.27	26.28 -0.24 -30.68	31.05 -0.02 -31.36	28.80 1.42 -2.24	22.23 0.75 -7.66	21.20 1.12 0.00	23.65 1.09 -4.07	22.25 0.99 -4.59	23.72 0.99 -6.10	28.06 0.47 -18.75	28.75 0.91 -11.37	33.70 1.46 -5.65	33.47 1.65 -3.04	44.55 2.33 0.00	41.79 2.31 -0.66	30.46 1.69 0.00	28.81 1.44 -0.81	24.77 1.39 0.00	23.87 1.29 0.00	22.67 1.15 -0.54
WATKINRD_115KV_LN8_ILLION 55919	24.84 0.19 -0.17	22.19 0.15 -0.20	18.14 0.10 -0.16	-1.65 -0.01 -0.83	-3.75 -0.02 -0.98	-3.25 -0.02 -0.93	0.66 0.00 -0.95	25.38 0.16 -0.07	14.10 0.05 -0.23	20.13 0.06 0.00	18.68 0.07 -0.12	16.88 0.06 -0.14	16.92 0.11 -0.19	9.47 0.05 -0.57	16.93 0.12 -0.34	27.09 0.33 -0.17	29.27 0.40 -0.09	42.84 0.62 0.00	39.43 0.58 -0.02	29.12 0.35 0.00	26.96 0.37 -0.02	23.68 0.30 0.00	22.83 0.25 0.00	21.19 0.20 -0.02
WATSON___69_KV_BK 1 55734	32.51 2.34 -5.70	30.33 1.99 -6.50	24.92 1.66 -5.38	24.66 -0.23 -27.35	27.14 -0.42 -32.27	26.13 -0.39 -30.68	31.04 -0.03 -31.36	29.81 2.43 -2.24	22.76 1.28 -7.66	21.87 1.80 0.00	24.17 1.61 -4.07	22.70 1.43 -4.59	24.14 1.41 -6.10	28.35 0.75 -18.75	29.44 1.61 -11.37	35.00 2.76 -5.65	37.24 3.21 -5.24	127.30 4.12 -80.97	131.68 3.89 -88.96	160.58 2.78 -129.02	44.28 2.24 -15.48	29.97 2.12 -4.46	24.57 1.99 0.00	23.28 1.76 -0.54
WDELAWARE___HYD 323627	30.50 0.84 -5.19	28.54 0.78 -5.92	23.40 0.63 -4.89	22.33 -0.09 -24.89	24.50 -0.16 -29.37	23.61 -0.15 -27.92	28.24 -0.01 -28.54	28.14 0.95 -2.04	21.25 0.46 -6.98	20.70 0.63 0.00	22.74 0.54 -3.71	21.30 0.45 -4.18	22.61 0.43 -5.56	26.21 0.30 -17.07	27.35 0.54 -10.35	32.68 0.96 -5.15	32.69 1.14 -2.77	43.89 1.68 0.00	41.09 1.66 -0.60	29.98 1.20 0.00	28.29 1.00 -0.74	24.31 0.93 0.00	23.43 0.85 0.00	22.19 0.71 -0.49
WEST BABYLON___IC 23714	32.36 2.19 -5.70	30.19 1.85 -6.50	24.80 1.54 -5.38	24.67 -0.21 -27.35	27.18 -0.39 -32.27	26.16 -0.35 -30.68	31.04 -0.02 -31.36	29.62 2.24 -2.24	22.66 1.18 -7.66	21.74 1.66 0.00	24.06 1.50 -4.07	22.61 1.34 -4.59	24.06 1.33 -6.10	28.30 0.70 -18.75	29.33 1.49 -11.37	34.80 2.56 -5.65	36.89 2.98 -5.12	64.46 3.90 -18.35	63.14 3.65 -20.66	60.67 2.66 -29.23	32.74 2.05 -4.13	26.34 1.95 -1.01	24.40 1.82 0.00	23.14 1.61 -0.54
WEST CANADA___HYD 24049	24.65 0.01 -0.17	22.01 -0.03 -0.20	18.00 -0.05 -0.16	-1.63 0.01 -0.83	-3.71 0.02 -0.98	-3.22 0.02 -0.93	0.65 0.00 -0.95	25.16 -0.05 -0.07	14.00 -0.04 -0.23	20.00 -0.08 0.00	18.52 -0.09 -0.12	16.75 -0.07 -0.14	16.76 -0.05 -0.19	9.40 -0.01 -0.57	16.80 -0.01 -0.34	26.77 0.02 -0.17	28.91 0.03 -0.09	42.24 0.02 0.00	38.85 0.00 -0.02	28.83 0.05 0.00	26.64 0.05 -0.02	23.37 -0.01 0.00	22.57 -0.01 0.00	21.00 0.00 -0.02
WESTERN_NY_WIND 24143	25.01 -0.80 -1.34	22.96 -0.40 -1.53	18.98 -0.15 -1.26	3.96 0.02 -6.41	2.85 0.00 -7.56	3.03 0.01 -7.19	7.05 0.00 -7.35	25.14 -0.53 -0.52	15.47 -0.14 -1.80	20.01 -0.07 0.00	19.40 -0.04 -0.95	17.64 -0.11 -1.08	17.86 -0.19 -1.43	13.01 -0.23 -4.39	18.47 -0.66 -2.66	26.96 -0.94 -1.32	29.00 -0.48 -0.69	42.08 -0.14 0.00	38.66 -0.32 -0.15	28.05 -0.73 0.00	26.13 -0.62 -0.18	22.91 -0.47 0.00	22.22 -0.35 0.00	20.89 -0.21 -0.12
WESTOVER___LESR 323668	27.18 0.27 -2.43	24.92 0.30 -2.78	20.44 0.26 -2.30	9.17 -0.04 -11.67	8.99 -0.08 -13.77	8.86 -0.07 -13.09	13.08 0.00 -13.38	26.48 0.38 -0.96	17.33 0.24 -3.27	20.41 0.34 0.00	20.55 0.33 -1.74	18.91 0.27 -1.96	19.47 0.24 -2.60	16.95 0.11 -8.00	21.50 0.18 -4.85	29.23 0.23 -2.41	30.41 0.33 -1.30	42.82 0.60 0.00	39.64 0.53 -0.28	29.09 0.31 0.00	27.19 0.28 -0.34	23.70 0.32 0.00	22.90 0.32 0.00	21.50 0.29 -0.23
WETHRSFD_WT_PWR 323626	24.74 -1.22 -1.49	22.71 -0.83 -1.70	18.71 -0.57 -1.40	4.75 0.08 -7.14	3.83 0.11 -8.43	3.93 0.09 -8.01	7.91 0.01 -8.19	24.90 -0.83 -0.58	15.52 -0.30 -2.00	19.65 -0.42 0.00	19.12 -0.43 -1.06	17.34 -0.54 -1.20	17.46 -0.75 -1.60	13.20 -0.54 -4.90	18.41 -1.02 -2.97	26.44 -1.62 -1.48	28.28 -1.30 -0.79	40.99 -1.23 0.00	37.76 -1.23 -0.17	27.57 -1.21 0.00	25.61 -1.16 -0.21	22.58 -0.80 0.00	21.91 -0.67 0.00	20.62 -0.50 -0.14
WHAVSTOR_138KV_BK127 55557	31.30 1.27 -5.56	29.36 1.18 -6.34	24.09 0.96 -5.25	24.08 -0.13 -26.68	26.53 -0.24 -31.48	25.54 -0.22 -29.93	30.28 -0.02 -30.59	28.67 1.34 -2.18	22.00 0.71 -7.48	21.13 1.05 0.00	23.46 1.00 -3.97	22.06 0.91 -4.48	23.49 0.91 -5.95	27.59 0.45 -18.29	28.43 0.87 -11.09	33.51 1.42 -5.51	33.32 1.58 -2.96	44.49 2.27 0.00	41.69 2.22 -0.64	30.39 1.61 0.00	28.73 1.38 -0.79	24.67 1.30 0.00	23.80 1.22 0.00	22.59 1.08 -0.52
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.30 1.27 -5.56	29.36 1.18 -6.34	24.09 0.96 -5.25	24.08 -0.13 -26.68	26.53 -0.24 -31.48	25.54 -0.22 -29.93	30.28 -0.02 -30.59	28.67 1.34 -2.18	22.00 0.71 -7.48	21.13 1.05 0.00	23.46 1.00 -3.97	22.06 0.91 -4.48	23.49 0.91 -5.95	27.59 0.45 -18.29	28.43 0.87 -11.09	33.51 1.42 -5.51	33.32 1.58 -2.96	44.49 2.27 0.00	41.69 2.22 -0.64	30.39 1.61 0.00	28.73 1.38 -0.79	24.67 1.30 0.00	23.80 1.22 0.00	22.59 1.08 -0.52
WHITEHAL_115KV_TB1 80871	33.78 2.28 -7.02	31.78 1.93 -8.01	26.09 1.58 -6.63	31.03 -0.20 -33.70	34.67 -0.39 -39.76	33.28 -0.36 -37.80	38.32 -0.02 -38.64	30.09 2.19 -2.75	24.35 1.09 -9.44	21.88 1.81 0.00	25.01 1.51 -5.02	23.67 1.34 -5.65	25.55 1.40 -7.52	32.78 0.83 -23.11	32.14 1.66 -14.01	36.33 2.78 -6.97	35.65 3.12 -3.75	46.90 4.68 0.00	43.55 3.91 -0.81	31.37 2.59 0.00	29.73 2.18 -1.00	25.18 1.80 0.00	24.46 1.88 0.00	23.45 1.81 -0.66
WHITEPLN_13_KV_LOAD 356215	31.61 1.44 -5.69	29.66 1.32 -6.50	24.33 1.08 -5.37	24.70 -0.15 -27.32	27.25 -0.27 -32.23	26.23 -0.25 -30.65	31.01 -0.02 -31.32	28.91 1.53 -2.23	22.27 0.81 -7.66	21.28 1.20 0.00	23.70 1.14 -4.07	22.30 1.04 -4.58	23.75 1.03 -6.10	28.10 0.52 -18.73	28.82 0.99 -11.36	33.85 1.62 -5.65	33.64 1.82 -3.03	44.87 2.65 0.00	42.06 2.57 -0.66	30.55 1.78 0.00	28.97 1.60 -0.81	24.87 1.49 0.00	23.98 1.40 0.00	22.75 1.23 -0.54
WM_FLOYD_69_KV_BK2 356380	32.36 2.19 -5.70	30.18 1.83 -6.50	24.83 1.57 -5.38	24.67 -0.21 -27.35	27.18 -0.39 -32.27	26.16 -0.37 -30.68	31.04 -0.03 -31.36	29.66 2.28 -2.24	22.68 1.20 -7.66	21.72 1.65 0.00	24.02 1.46 -4.07	22.55 1.28 -4.59	24.00 1.27 -6.10	28.26 0.66 -18.75	29.30 1.47 -11.37	34.76 2.53 -5.65	37.15 3.02 -5.34	276.65 4.01 -230.41	294.40 3.63 -251.94	398.69 2.76 -367.16	71.13 2.00 -42.56	37.94 1.85 -12.70	24.36 1.78 0.00	23.09 1.57 -0.54
WOODARD___115KV_TB2 355635	25.31 -0.24 -1.08	22.89 -0.17 -1.23	18.77 -0.12 -1.02	2.71 0.01 -5.16	1.40 0.02 -6.09	1.64 0.02 -5.79	5.62 0.00 -5.91	25.42 -0.15 -0.42	15.21 -0.05 -1.45	20.02 -0.05 0.00	19.23 -0.03 -0.77	17.50 -0.04 -0.87	17.70 -0.07 -1.15	12.33 -0.05 -3.54	18.49 -0.12 -2.15	27.38 -0.26 -1.07	29.07 -0.28 -0.57	41.81 -0.40 0.00	38.55 -0.40 -0.12	28.39 -0.39 0.00	26.40 -0.31 -0.15	23.17 -0.21 0.00	22.38 -0.20 0.00	20.90 -0.18 -0.10

YORK__WARBASSE	31.62	29.67	24.35	24.73	27.27	26.26	31.05	28.95	22.29	21.26	23.72	22.30	23.77	28.10	28.82	33.80	33.60	44.68	41.97	30.60	28.95	24.90	23.98	22.78
23770	1.44	1.33	1.09	-0.15	-0.30	-0.27	-0.02	1.57	0.81	1.19	1.16	1.04	1.04	0.51	0.98	1.57	1.77	2.46	2.49	1.83	1.58	1.51	1.40	1.26
	-5.70	-6.50	-5.38	-27.35	-32.28	-30.69	-31.36	-2.24	-7.66	0.00	-4.07	-4.59	-6.10	-18.75	-11.37	-5.65	-3.04	0.00	-0.66	0.00	-0.81	0.00	0.00	-0.54