

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/23/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	28.09	23.24	23.68	24.77	26.18	29.18	31.91	30.13	27.07	29.63	27.80	27.93	26.61	30.35	29.48	27.82	27.20	26.93	22.45	22.63	18.90	24.79	26.16	27.33
24138	1.40	0.76	0.85	0.49	0.37	0.97	1.31	1.38	1.33	1.41	1.29	1.23	1.36	1.52	1.50	0.15	0.01	-0.33	-0.22	0.03	0.30	0.32	-0.08	-0.28
	0.00	-7.27	-5.51	-14.34	-18.57	-9.07	-4.67	-2.55	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	-24.95	-26.86	-33.04	-26.61	-22.00	-13.03	-18.32	-27.73	-32.75
74TH STREET_GT_1	28.03	23.21	23.64	24.75	26.17	29.14	31.86	30.08	27.02	29.58	27.76	27.90	26.57	30.30	29.41	27.82	27.20	26.95	22.46	22.63	18.89	24.78	26.16	27.35
24260	1.34	0.73	0.82	0.47	0.35	0.93	1.26	1.32	1.28	1.37	1.25	1.19	1.33	1.47	1.44	0.14	0.01	-0.32	-0.20	0.03	0.28	0.31	-0.08	-0.27
	0.00	-7.27	-5.51	-14.34	-18.57	-9.07	-4.67	-2.55	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	-24.95	-26.86	-33.04	-26.61	-22.00	-13.03	-18.32	-27.74	-32.76
74TH STREET_GT_2	28.03	23.21	23.64	24.75	26.17	29.14	31.86	30.08	27.02	29.58	27.76	27.90	26.57	30.30	29.41	27.82	27.20	26.95	22.46	22.63	18.89	24.78	26.16	27.35
24261	1.34	0.73	0.82	0.47	0.35	0.93	1.26	1.32	1.28	1.37	1.25	1.19	1.33	1.47	1.44	0.14	0.01	-0.32	-0.20	0.03	0.28	0.31	-0.08	-0.27
	0.00	-7.27	-5.51	-14.34	-18.57	-9.07	-4.67	-2.55	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	-24.95	-26.86	-33.04	-26.61	-22.00	-13.03	-18.32	-27.74	-32.76
ADK HUDSON___FALLS	28.46	25.26	25.30	28.39	30.76	31.65	33.44	31.07	27.58	29.97	28.05	28.32	26.71	30.55	29.61	33.84	33.69	34.90	28.87	27.94	22.06	29.24	32.84	35.15
24011	1.77	1.02	1.15	0.66	0.46	1.26	1.72	1.70	1.59	1.76	1.55	1.61	1.47	1.72	1.63	0.15	0.02	-0.34	-0.21	0.04	0.32	0.35	-0.10	-0.35
	0.00	-9.03	-6.83	-17.80	-23.04	-11.26	-5.80	-3.16	-1.25	0.00	0.00	0.00	0.00	0.00	0.00	-30.96	-33.34	-41.01	-33.03	-27.30	-16.17	-22.74	-34.43	-40.65
ADK RESOURCE___RCVRY	28.61	25.37	25.42	28.47	30.82	31.80	33.67	31.27	27.76	30.19	28.24	28.53	26.93	30.83	29.89	33.89	33.71	34.86	28.85	27.96	22.12	29.32	32.84	35.12
23798	1.91	1.13	1.26	0.73	0.52	1.40	1.94	1.89	1.77	1.98	1.74	1.82	1.68	1.99	1.91	0.18	0.03	-0.39	-0.25	0.04	0.37	0.41	-0.11	-0.41
	0.00	-9.03	-6.84	-17.80	-23.06	-11.27	-5.80	-3.16	-1.25	0.00	0.00	0.00	0.00	0.00	0.00	-30.98	-33.35	-41.03	-33.05	-27.32	-16.18	-22.75	-34.44	-40.68
ADK S GLENS___FALLS	28.46	25.26	25.30	28.39	30.76	31.65	33.44	31.07	27.58	29.97	28.05	28.32	26.71	30.55	29.61	33.84	33.69	34.90	28.87	27.94	22.06	29.24	32.84	35.15
24028	1.77	1.02	1.15	0.66	0.46	1.26	1.72	1.70	1.59	1.76	1.55	1.61	1.47	1.72	1.63	0.15	0.02	-0.34	-0.21	0.04	0.32	0.35	-0.10	-0.35
	0.00	-9.03	-6.83	-17.80	-23.04	-11.26	-5.80	-3.16	-1.25	0.00	0.00	0.00	0.00	0.00	0.00	-30.96	-33.34	-41.01	-33.03	-27.30	-16.17	-22.74	-34.43	-40.65
ADK_NYS___DAM	27.97	24.67	24.73	27.62	29.84	30.84	32.61	30.30	26.88	29.15	27.26	27.38	25.90	29.60	28.78	32.77	32.59	33.70	27.87	27.03	21.40	28.36	31.76	34.00
23527	1.28	0.73	0.80	0.46	0.29	0.81	1.08	1.03	0.93	0.94	0.75	0.67	0.65	0.77	0.80	0.09	0.01	-0.20	-0.13	0.02	0.18	0.20	-0.05	-0.18
	0.00	-8.74	-6.61	-17.22	-22.29	-10.90	-5.61	-3.06	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	-29.95	-32.25	-39.67	-31.96	-26.42	-15.65	-22.00	-33.31	-39.33
AIR_PRODUCTS___DRP	26.92	24.15	24.11	27.31	29.69	30.20	31.72	29.40	26.09	28.28	26.69	26.84	25.41	29.00	28.13	32.83	32.72	34.03	28.11	27.13	21.33	28.30	31.95	34.28
24190	0.22	0.17	0.15	0.08	0.04	0.13	0.16	0.12	0.14	0.07	0.18	0.14	0.16	0.16	0.15	0.02	0.00	-0.04	-0.03	0.00	0.05	0.05	-0.01	-0.07
	0.00	-8.77	-6.64	-17.29	-22.39	-10.94	-5.64	-3.07	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	-30.08	-32.39	-39.84	-32.09	-26.53	-15.71	-22.09	-33.45	-39.50
AKWESSNE_115KV_BK	26.45	15.38	17.41	10.43	7.96	19.33	25.92	26.12	24.66	28.28	26.51	26.38	24.35	27.96	27.15	3.71	1.44	-4.11	-2.70	1.49	5.68	6.43	-0.24	-3.44
355683	-0.25	-0.13	-0.14	-0.10	-0.06	-0.17	-0.20	-0.20	-0.13	0.06	0.00	-0.32	-0.90	-0.88	-0.82	-0.04	0.01	0.31	0.16	-0.01	-0.43	-0.47	0.12	0.36
	0.00	-0.30	-0.23	-0.59	-0.76	-0.37	-0.19	-0.10	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	-1.02	-1.10	-1.36	-1.09	-0.90	-0.53	-0.75	-1.14	-1.34
ALBANY___1	26.92	24.15	24.11	27.31	29.69	30.20	31.72	29.40	26.09	28.28	26.69	26.84	25.41	29.00	28.13	32.83	32.72	34.03	28.11	27.13	21.33	28.30	31.95	34.28
23571	0.22	0.17	0.15	0.08	0.04	0.13	0.16	0.12	0.14	0.07	0.18	0.14	0.16	0.16	0.15	0.02	0.00	-0.04	-0.03	0.00	0.05	0.05	-0.01	-0.07
	0.00	-8.77	-6.64	-17.29	-22.39	-10.94	-5.64	-3.07	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	-30.08	-32.39	-39.84	-32.09	-26.53	-15.71	-22.09	-33.45	-39.50
ALBANY___2	26.92	24.15	24.11	27.31	29.69	30.20	31.72	29.40	26.09	28.28	26.69	26.84	25.41	29.00	28.13	32.83	32.72	34.03	28.11	27.13	21.33	28.30	31.95	34.28
23572	0.22	0.17	0.15	0.08	0.04	0.13	0.16	0.12	0.14	0.07	0.18	0.14	0.16	0.16	0.15	0.02	0.00	-0.04	-0.03	0.00	0.05	0.05	-0.01	-0.07
	0.00	-8.77	-6.64	-17.29	-22.39	-10.94	-5.64	-3.07	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	-30.08	-32.39	-39.84	-32.09	-26.53	-15.71	-22.09	-33.45	-39.50
ALBANY___3	26.92	24.15	24.11	27.31	29.69	30.20	31.72	29.40	26.09	28.28	26.69	26.84	25.41	29.00	28.13	32.83	32.72	34.03	28.11	27.13	21.33	28.30	31.95	34.28
23573	0.22	0.17	0.15	0.08	0.04	0.13	0.16	0.12	0.14	0.07	0.18	0.14	0.16	0.16	0.15	0.02	0.00	-0.04	-0.03	0.00	0.05	0.05	-0.01	-0.07
	0.00	-8.77	-6.64	-17.29	-22.39	-10.94	-5.64	-3.07	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	-30.08	-32.39	-39.84	-32.09	-26.53	-15.71	-22.09	-33.45	-39.50

ALBANY___4 23574	26.92 0.22 0.00	24.15 0.17 -8.77	24.11 0.15 -6.64	27.31 0.08 -17.29	29.69 0.04 -22.39	30.20 0.13 -10.94	31.72 0.16 -5.64	29.40 0.12 -3.07	26.09 0.14 -1.21	28.28 0.07 0.00	26.69 0.18 0.00	26.84 0.14 0.00	25.41 0.16 0.00	29.00 0.16 0.00	28.13 0.15 0.00	32.83 0.02 -30.08	32.72 0.00 -32.39	34.03 -0.04 -39.84	28.11 -0.03 -32.09	27.13 0.00 -26.53	21.33 0.05 -15.71	28.30 0.05 -22.09	31.95 -0.01 -33.45	34.28 -0.07 -39.50
ALBANY___LFGE 323615	27.20 0.50 0.00	24.37 0.32 -8.84	24.34 0.33 -6.69	27.55 0.18 -17.43	29.94 0.12 -22.57	30.49 0.32 -11.03	32.03 0.43 -5.68	29.71 0.40 -3.10	26.35 0.39 -1.22	28.59 0.37 0.00	26.97 0.46 0.00	27.12 0.42 0.00	25.66 0.42 0.00	29.31 0.47 0.00	28.42 0.45 0.00	33.10 0.04 -30.33	33.00 0.01 -32.66	34.30 -0.10 -40.17	28.34 -0.07 -32.36	27.36 0.01 -26.75	21.52 0.10 -15.84	28.54 0.11 -22.28	32.21 -0.02 -33.72	34.56 -0.11 -39.83
ALCOA_PA_115KV_PL-6C 55860	26.70 0.00 0.00	15.53 0.01 -0.31	17.58 0.02 -0.24	10.55 -0.01 -0.62	8.07 0.01 -0.81	19.53 0.01 -0.39	26.17 0.04 -0.20	26.37 0.04 -0.11	24.89 0.11 -0.04	28.55 0.33 0.00	26.76 0.25 0.00	26.54 -0.16 0.00	24.51 -0.74 0.00	28.11 -0.72 0.00	27.28 -0.69 0.00	3.79 -0.02 -1.08	1.50 0.01 -1.17	-4.08 0.26 -1.43	-2.68 0.12 -1.15	1.55 0.00 -0.96	5.76 -0.38 -0.56	6.53 -0.42 -0.79	-0.19 0.10 -1.20	-3.41 0.31 -1.42
ALCOA_RYNLDS___DRP 24188	26.70 0.00 0.00	15.53 0.01 -0.31	17.58 0.02 -0.24	10.55 -0.01 -0.62	8.07 0.01 -0.81	19.53 0.01 -0.39	26.17 0.04 -0.20	26.37 0.04 -0.11	24.89 0.11 -0.04	28.55 0.33 0.00	26.76 0.25 0.00	26.54 -0.16 0.00	24.51 -0.74 0.00	28.11 -0.72 0.00	27.28 -0.69 0.00	3.79 -0.02 -1.08	1.50 0.01 -1.17	-4.08 0.26 -1.43	-2.68 0.12 -1.15	1.55 0.00 -0.96	5.76 -0.38 -0.56	6.53 -0.42 -0.79	-0.19 0.10 -1.20	-3.41 0.31 -1.42
ALCOA___DSASP 323711	26.71 0.00 0.00	15.54 0.02 -0.31	17.58 0.02 -0.24	10.55 -0.01 -0.62	8.07 0.01 -0.81	19.56 0.03 -0.39	26.16 0.04 -0.20	26.37 0.04 -0.11	24.90 0.12 -0.04	28.55 0.33 0.00	26.76 0.25 0.00	26.54 -0.16 0.00	24.51 -0.74 0.00	28.11 -0.72 0.00	27.28 -0.69 0.00	3.79 -0.02 -1.08	1.51 0.01 -1.17	-4.08 0.26 -1.43	-2.68 0.12 -1.15	1.55 0.00 -0.96	5.75 -0.39 -0.56	6.53 -0.42 -0.79	-0.19 0.10 -1.20	-3.41 0.31 -1.42
ALLEGHENY___COGEN 23514	27.40 0.70 0.00	17.71 0.45 -2.05	19.31 0.43 -1.55	14.24 0.26 -4.04	12.69 0.20 -5.23	22.18 0.50 -2.56	27.89 0.66 -1.32	27.52 0.60 -0.72	25.47 0.45 -0.28	28.87 0.65 0.00	26.61 0.11 0.00	27.19 0.48 0.00	25.79 0.54 0.00	29.51 0.68 0.00	28.75 0.77 0.00	9.83 0.07 -7.03	7.90 0.00 -7.57	3.35 -0.19 -9.31	3.42 -0.12 -7.50	6.81 0.02 -6.20	9.48 0.24 -3.67	11.61 0.29 -5.16	6.26 -0.06 -7.81	3.85 -0.23 -9.23
ALTAMONT_115KV_TB 2 55880	27.30 0.60 0.00	24.34 0.35 -8.77	24.36 0.40 -6.64	27.46 0.23 -17.30	29.80 0.16 -22.40	30.49 0.41 -10.94	32.11 0.55 -5.64	29.82 0.53 -3.07	26.46 0.51 -1.21	28.73 0.51 0.00	27.03 0.52 0.00	27.22 0.51 0.00	25.76 0.51 0.00	29.42 0.58 0.00	28.54 0.57 0.00	32.88 0.06 -30.09	32.74 0.01 -32.40	33.95 -0.13 -39.85	28.06 -0.09 -32.10	27.15 0.01 -26.54	21.41 0.13 -15.72	28.39 0.14 -22.10	31.93 -0.03 -33.46	34.24 -0.12 -39.51
ALTONA_WT_PWR 323606	26.79 0.10 0.00	15.63 0.13 -0.30	17.66 0.12 -0.22	10.58 0.06 -0.58	8.08 0.07 -0.76	19.67 0.17 -0.37	26.34 0.23 -0.19	26.51 0.19 -0.10	25.06 0.28 -0.04	28.76 0.54 0.00	27.07 0.56 0.00	26.94 0.24 0.00	24.98 -0.27 0.00	28.65 -0.19 0.00	27.54 -0.44 0.00	3.71 -0.04 -1.02	1.44 0.01 -1.10	-4.10 0.32 -1.35	-2.68 0.18 -1.09	1.48 -0.01 -0.90	5.57 -0.53 -0.53	6.33 -0.56 -0.75	-0.23 0.13 -1.13	-3.42 0.39 -1.34
AMERICAN_REF_FUEL 24010	25.99 -0.71 0.00	16.73 -0.38 -1.90	18.26 -0.50 -1.44	13.40 -0.28 -3.74	11.88 -0.21 -4.85	20.98 -0.52 -2.37	26.19 -0.95 -1.22	25.56 -1.31 -0.66	23.69 -1.31 -0.26	26.97 -1.25 0.00	25.15 -1.36 0.00	25.78 -0.93 0.00	24.33 -0.92 0.00	27.95 -0.89 0.00	27.28 -0.69 0.00	9.17 -0.08 -6.51	7.33 -0.01 -7.01	2.99 0.14 -8.63	3.10 0.10 -6.95	6.32 -0.03 -5.74	8.87 -0.11 -3.40	10.82 -0.11 -4.78	5.77 0.02 -7.24	3.44 0.03 -8.55
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.50 -0.19 0.00	17.09 -0.15 -2.03	18.60 -0.25 -1.54	13.86 -0.09 -4.00	12.35 -0.08 -5.18	21.27 -0.39 -2.53	26.43 -0.79 -1.31	26.18 -0.74 -0.71	24.15 -0.87 -0.28	27.37 -0.85 0.00	25.59 -0.91 0.00	26.20 -0.50 0.00	24.88 -0.37 0.00	28.55 -0.28 0.00	27.73 -0.24 0.00	9.65 -0.04 -6.96	7.84 0.01 -7.50	3.50 0.05 -9.22	3.50 0.02 -7.43	6.73 -0.01 -6.14	9.24 0.03 -3.64	11.31 0.04 -5.11	6.24 -0.01 -7.74	3.92 -0.08 -9.14
ARTHUR_KILL_GT_1 23520	28.11 1.42 0.00	23.24 0.76 -7.27	23.68 0.85 -5.51	24.77 0.49 -14.34	26.19 0.37 -18.57	29.18 0.98 -9.07	31.90 1.31 -4.67	30.14 1.38 -2.55	27.06 1.32 -1.01	29.58 1.36 0.00	27.75 1.24 0.00	27.86 1.15 0.00	26.50 1.25 0.00	30.24 1.41 0.00	29.41 1.43 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.93 -0.33 -33.04	22.45 -0.22 -26.61	22.63 0.03 -22.00	18.90 0.29 -13.03	24.80 0.32 -18.32	26.16 -0.09 -27.74	27.33 -0.28 -32.76
ARTHUR_KILL_2 23512	28.04 1.34 0.00	23.20 0.72 -7.27	23.63 0.80 -5.51	24.74 0.46 -14.34	26.17 0.35 -18.57	29.13 0.92 -9.07	31.83 1.23 -4.67	30.05 1.30 -2.55	26.99 1.24 -1.01	29.50 1.28 0.00	27.67 1.17 0.00	27.78 1.08 0.00	26.44 1.19 0.00	30.17 1.34 0.00	29.33 1.35 0.00	27.81 0.13 -24.95	27.20 0.00 -26.86	26.95 -0.32 -33.04	22.46 -0.21 -26.61	22.63 0.03 -22.00	18.88 0.28 -13.03	24.78 0.30 -18.32	26.16 -0.08 -27.74	27.34 -0.27 -32.76
ARTHUR_KILL_3 23513	27.76 1.06 0.00	23.04 0.56 -7.27	23.45 0.63 -5.51	24.64 0.36 -14.34	26.09 0.27 -18.57	28.93 0.73 -9.07	31.57 0.97 -4.67	29.79 1.03 -2.55	26.74 0.99 -1.01	29.22 1.00 0.00	27.40 0.90 0.00	27.53 0.83 0.00	26.24 0.99 0.00	29.92 1.09 0.00	29.05 1.08 0.00	27.78 0.10 -24.95	27.19 0.00 -26.86	27.02 -0.25 -33.04	22.50 -0.16 -26.61	22.62 0.02 -22.00	18.82 0.22 -13.03	24.70 0.23 -18.32	26.18 -0.07 -27.74	27.40 -0.21 -32.76
ARTHUR_KILL_COGEN 323718	28.11 1.42 0.00	23.24 0.76 -7.27	23.68 0.85 -5.51	24.77 0.49 -14.34	26.19 0.37 -18.57	29.18 0.98 -9.07	31.90 1.31 -4.67	30.14 1.38 -2.55	27.06 1.32 -1.01	29.58 1.36 0.00	27.75 1.24 0.00	27.86 1.15 0.00	26.50 1.25 0.00	30.24 1.41 0.00	29.41 1.43 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.93 -0.33 -33.04	22.45 -0.22 -26.61	22.63 0.03 -22.00	18.90 0.29 -13.03	24.80 0.32 -18.32	26.16 -0.09 -27.74	27.33 -0.28 -32.76
ASHOKAN____ 23654	28.05 1.35 0.00	24.04 0.81 -8.02	24.29 0.90 -6.07	26.27 0.52 -15.81	28.08 0.36 -20.47	30.08 0.94 -10.01	32.40 1.32 -5.15	30.40 1.38 -2.81	27.14 1.29 -1.11	29.48 1.26 0.00	27.80 1.29 0.00	27.92 1.21 0.00	26.37 1.12 0.00	30.20 1.36 0.00	29.28 1.30 0.00	30.38 0.14 -27.51	29.96 0.01 -29.62	30.31 -0.34 -36.43	25.16 -0.23 -29.35	24.89 0.04 -24.26	20.26 0.32 -14.37	26.71 0.35 -20.20	29.01 -0.08 -30.59	30.69 -0.28 -36.12

ASTORIA_EAST_ENERGY_CC1 323581	27.79 1.09 0.01	23.08 0.60 -7.27	23.47 0.65 -5.50	24.66 0.38 -14.34	26.10 0.29 -18.56	28.92 0.72 -9.07	31.58 0.98 -4.67	29.83 1.08 -2.55	26.78 1.03 -1.01	29.30 1.08 0.00	27.58 1.08 0.00	27.68 0.98 0.00	26.30 1.05 0.00	29.94 1.11 0.00	29.13 1.16 0.00	27.79 0.11 -24.94	27.19 0.01 -26.85	27.00 -0.26 -33.03	22.48 -0.17 -26.61	22.62 0.02 -22.00	18.84 0.24 -13.03	24.72 0.25 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.75
ASTORIA_EAST_ENERGY_CC2 323582	27.79 1.09 0.01	23.08 0.60 -7.27	23.47 0.65 -5.50	24.66 0.38 -14.34	26.10 0.29 -18.56	28.92 0.72 -9.07	31.58 0.98 -4.67	29.83 1.08 -2.55	26.78 1.03 -1.01	29.30 1.08 0.00	27.58 1.08 0.00	27.68 0.98 0.00	26.30 1.05 0.00	29.94 1.11 0.00	29.13 1.16 0.00	27.79 0.11 -24.94	27.19 0.01 -26.85	27.00 -0.26 -33.03	22.48 -0.17 -26.61	22.62 0.02 -22.00	18.84 0.24 -13.03	24.72 0.25 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.75
ASTORIA_GT2_1 24094	27.81 1.11 0.00	23.09 0.61 -7.27	23.48 0.66 -5.51	24.66 0.38 -14.34	26.11 0.29 -18.57	28.94 0.73 -9.07	31.59 1.00 -4.67	29.85 1.09 -2.55	26.79 1.04 -1.01	29.31 1.09 0.00	27.60 1.09 0.00	27.70 1.00 0.00	26.31 1.06 0.00	29.96 1.13 0.00	29.14 1.17 0.00	27.79 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.25 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76
ASTORIA_GT2_2 24095	27.81 1.11 0.00	23.09 0.61 -7.27	23.48 0.66 -5.51	24.66 0.38 -14.34	26.11 0.29 -18.57	28.94 0.73 -9.07	31.59 1.00 -4.67	29.85 1.09 -2.55	26.79 1.04 -1.01	29.31 1.09 0.00	27.60 1.09 0.00	27.70 1.00 0.00	26.31 1.06 0.00	29.96 1.13 0.00	29.14 1.17 0.00	27.79 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.25 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76
ASTORIA_GT2_3 24096	27.81 1.11 0.00	23.09 0.61 -7.27	23.48 0.66 -5.51	24.66 0.38 -14.34	26.11 0.29 -18.57	28.94 0.73 -9.07	31.59 1.00 -4.67	29.85 1.09 -2.55	26.79 1.04 -1.01	29.31 1.09 0.00	27.60 1.09 0.00	27.70 1.00 0.00	26.31 1.06 0.00	29.96 1.13 0.00	29.14 1.17 0.00	27.79 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.25 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76
ASTORIA_GT2_4 24097	27.81 1.11 0.00	23.09 0.61 -7.27	23.48 0.66 -5.51	24.66 0.38 -14.34	26.11 0.29 -18.57	28.94 0.73 -9.07	31.59 1.00 -4.67	29.85 1.09 -2.55	26.79 1.04 -1.01	29.31 1.09 0.00	27.60 1.09 0.00	27.70 1.00 0.00	26.31 1.06 0.00	29.96 1.13 0.00	29.14 1.17 0.00	27.79 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.25 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76
ASTORIA_GT3_1 24098	27.81 1.11 0.00	23.09 0.61 -7.27	23.48 0.66 -5.51	24.66 0.38 -14.34	26.11 0.29 -18.57	28.94 0.73 -9.07	31.59 1.00 -4.67	29.85 1.09 -2.55	26.79 1.04 -1.01	29.31 1.09 0.00	27.60 1.09 0.00	27.70 1.00 0.00	26.31 1.06 0.00	29.96 1.13 0.00	29.14 1.17 0.00	27.79 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.25 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76
ASTORIA_GT3_2 24																								

ASTORIA_GT_10 24110	27.93 1.23 0.00	23.15 0.67 -7.27	23.57 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.88 1.13 -1.01	29.40 1.19 0.00	27.62 1.12 0.00	27.75 1.04 0.00	26.43 1.18 0.00	30.10 1.27 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
ASTORIA_GT_11 24225	27.93 1.23 0.00	23.15 0.67 -7.27	23.57 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.88 1.13 -1.01	29.40 1.19 0.00	27.62 1.12 0.00	27.75 1.04 0.00	26.43 1.18 0.00	30.10 1.27 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
ASTORIA_GT_12 24226	27.93 1.23 0.00	23.15 0.67 -7.27	23.57 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.88 1.13 -1.01	29.40 1.19 0.00	27.62 1.12 0.00	27.75 1.04 0.00	26.43 1.18 0.00	30.10 1.27 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
ASTORIA_GT_13 24227	27.93 1.23 0.00	23.15 0.67 -7.27	23.57 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.88 1.13 -1.01	29.40 1.19 0.00	27.62 1.12 0.00	27.75 1.04 0.00	26.43 1.18 0.00	30.10 1.27 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
ASTORIA_GT_5 24106	27.85 1.16 0.01	23.11 0.63 -7.27	23.51 0.69 -5.50	24.68 0.40 -14.34	26.12 0.31 -18.56	28.96 0.77 -9.07	31.64 1.04 -4.67	29.90 1.14 -2.55	26.84 1.09 -1.01	29.37 1.15 0.00	27.65 1.15 0.00	27.74 1.04 0.00	26.36 1.11 0.00	30.02 1.19 0.00	29.20 1.23 0.00	27.80 0.12 -24.94	27.19 0.01 -26.85	26.98 -0.28 -33.03	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.23 -32.75
ASTORIA_GT_7 24107	27.85 1.16 0.01	23.11 0.63 -7.27	23.51 0.69 -5.50	24.68 0.40 -14.34	26.12 0.31 -18.56	28.96 0.77 -9.07	31.64 1.04 -4.67	29.90 1.14 -2.55	26.84 1.09 -1.01	29.37 1.15 0.00	27.65 1.15 0.00	27.74 1.04 0.00	26.36 1.11 0.00	30.02 1.19 0.00	29.20 1.23 0.00	27.80 0.12 -24.94	27.19 0.01 -26.85	26.98 -0.28 -33.03	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.23 -32.75
ASTORIA_GT_8 24108	27.86 1.16 0.00	23.12 0.63 -7.27	23.52 0.69 -5.51	24.68 0.40 -14.34	26.12 0.30 -18.57	28.97 0.77 -9.07	31.64 1.04 -4.67	29.90 1.14 -2.55	26.84 1.09 -1.01	29.37 1.15 0.00	27.65 1.14 0.00	27.75 1.05 0.00	26.36 1.11 0.00	30.02 1.19 0.00	29.20 1.23 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
ASTORIA___2 24149	27.81 1.11 0.01	23.09 0.61 -7.27	23.48 0.66 -5.50	24.66 0.38 -14.34	26.10 0.29 -18.56	28.93 0.73 -9.07	31.59 1.00 -4.67	29.85 1.09 -2.55	26.79 1.04 -1.01	29.31 1.09 0.00	27.60 1.10 0.00	27.69 0.99 0.00	26.31 1.06 0.00	29.96 1.13 0.00	29.14 1.17 0.00	27.79 0.12 -24.94	27.19 0.01 -26.85	26.99 -0.27 -33.03	22.48 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.25 -18.32	26.18 -0.07 -27.74	27.38 -0.22 -32.75
ASTORIA___3 23516	27.93 1.23 0.00	23.15 0.67 -7.27	23.57 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.88 1.14 -1.01	29.40 1.19 0.00	27.62 1.12 0.00	27.74 1.04 0.00	26.43 1.18 0.00	30.10 1.27 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
ASTORIA___4 23517	27.93 1.23 0.00	23.15 0.67 -7.27	23.57 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.88 1.13 -1.01	29.40 1.19 0.00	27.62 1.12 0.00	27.75 1.04 0.00	26.43 1.18 0.00	30.10 1.27 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
ASTORIA___5 23518	27.93 1.23 0.00	23.15 0.67 -7.27	23.57 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.88 1.14 -1.01	29.40 1.19 0.00	27.62 1.12 0.00	27.74 1.04 0.00	26.43 1.18 0.00	30.10 1.27 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
AST_ENERGY_2_CC3 323677	27.84 1.14 0.00	23.09 0.61 -7.27	23.52 0.69 -5.51	24.67 0.39 -14.34	26.11 0.30 -18.57	28.99 0.78 -9.07	31.65 1.05 -4.67	29.87 1.11 -2.55	26.82 1.07 -1.01	29.33 1.12 0.00	27.52 1.01 0.00	27.65 0.95 0.00	26.34 1.09 0.00	30.03 1.20 0.00	29.16 1.18 0.00	27.79 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.26 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76
AST_ENERGY_2_CC4 323678	27.84 1.14 0.00	23.09 0.61 -7.27	23.52 0.69 -5.51	24.67 0.39 -14.34	26.11 0.30 -18.57	28.99 0.78 -9.07	31.65 1.05 -4.67	29.87 1.11 -2.55	26.82 1.07 -1.01	29.33 1.12 0.00	27.52 1.01 0.00	27.65 0.95 0.00	26.34 1.09 0.00	30.03 1.20 0.00	29.16 1.18 0.00	27.79 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.26 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76
ATHENS_STG_1 23668	27.34 0.65 0.00	23.63 0.39 -8.04	23.85 0.45 -6.08	26.04 0.26 -15.84	27.95 0.19 -20.51	29.63 0.48 -10.03	31.72 0.64 -5.16	29.67 0.65 -2.81	26.47 0.62 -1.11	28.83 0.62 0.00	27.13 0.63 0.00	27.31 0.61 0.00	25.90 0.65 0.00	29.57 0.74 0.00	28.70 0.72 0.00	30.36 0.07 -27.56	30.01 0.01 -29.67	30.55 -0.16 -36.50	25.34 -0.11 -29.40	24.92 0.02 -24.30	20.12 0.16 -14.39	26.56 0.17 -20.24	29.10 -0.04 -30.64	30.89 -0.14 -36.18
ATHENS_STG_2 23670	27.34 0.65 0.00	23.63 0.39 -8.04	23.85 0.45 -6.08	26.04 0.26 -15.84	27.95 0.19 -20.51	29.63 0.48 -10.03	31.72 0.64 -5.16	29.67 0.65 -2.81	26.47 0.62 -1.11	28.83 0.62 0.00	27.13 0.63 0.00	27.31 0.61 0.00	25.90 0.65 0.00	29.57 0.74 0.00	28.70 0.72 0.00	30.36 0.07 -27.56	30.01 0.01 -29.67	30.55 -0.16 -36.50	25.34 -0.11 -29.40	24.92 0.02 -24.30	20.12 0.16 -14.39	26.56 0.17 -20.24	29.10 -0.04 -30.64	30.89 -0.14 -36.18

ATHENS_STG_3 23677	27.34 0.65 0.00	23.63 0.39 -8.04	23.85 0.45 -6.08	26.04 0.26 -15.84	27.95 0.19 -20.51	29.63 0.48 -10.03	31.72 0.64 -5.16	29.67 0.65 -2.81	26.47 0.62 -1.11	28.83 0.62 0.00	27.13 0.63 0.00	27.31 0.61 0.00	25.90 0.65 0.00	29.57 0.74 0.00	28.70 0.72 0.00	30.36 0.07 -27.56	30.01 0.01 -29.67	30.55 -0.16 -36.50	25.34 -0.11 -29.40	24.92 0.02 -24.30	20.12 0.16 -14.39	26.56 0.17 -20.24	29.10 -0.04 -30.64	30.89 -0.14 -36.18
AUBURN____LFGE 323710	26.78 0.08 0.00	16.94 0.05 -1.68	18.64 0.05 -1.27	13.29 0.03 -3.32	11.58 0.03 -4.30	21.30 0.08 -2.10	27.12 0.12 -1.08	26.92 0.12 -0.59	25.06 0.09 -0.23	28.40 0.18 0.00	26.67 0.17 0.00	26.96 0.25 0.00	25.50 0.26 0.00	29.12 0.29 0.00	28.27 0.30 0.00	8.53 0.02 -5.77	6.55 0.01 -6.21	1.81 -0.06 -7.64	2.17 -0.04 -6.16	5.69 0.00 -5.09	8.65 0.07 -3.02	10.46 0.07 -4.24	4.91 -0.02 -6.42	2.38 -0.05 -7.58
BABYLON_RES_REC 323704	28.34 1.64 0.00	23.37 0.89 -7.28	23.87 1.04 -5.51	24.84 0.56 -14.34	26.25 0.43 -18.57	29.24 1.03 -9.08	32.06 1.46 -4.68	30.34 1.58 -2.55	27.32 1.57 -1.01	29.95 1.73 0.00	29.02 1.86 -0.65	29.07 1.80 -0.56	29.11 1.89 -1.97	32.69 2.17 -1.68	33.14 2.18 -2.98	39.78 0.22 -36.83	27.22 0.02 -26.87	26.83 -0.45 -33.05	22.39 -0.28 -26.62	22.64 0.04 -22.00	19.03 0.43 -13.03	24.94 0.46 -18.32	26.13 -0.12 -27.74	27.25 -0.37 -32.76
BABYLON__69_KV_BK2 356345	28.65 1.95 0.00	23.54 1.06 -7.28	24.06 1.23 -5.51	24.95 0.67 -14.34	26.32 0.51 -18.57	29.44 1.23 -9.08	32.34 1.74 -4.68	30.62 1.86 -2.55	27.60 1.86 -1.01	30.28 2.06 0.00	29.32 2.16 -0.65	29.36 2.10 -0.56	29.37 2.18 -1.94	33.00 2.51 -1.65	33.46 2.52 -2.97	39.97 0.25 -36.99	27.23 0.02 -26.87	26.75 -0.52 -33.05	22.34 -0.33 -26.62	22.65 0.05 -22.00	19.10 0.50 -13.03	25.02 0.54 -18.32	26.11 -0.14 -27.74	27.19 -0.42 -32.76
BALL_HILL_WT_PWR 323825	26.53 -0.17 0.00	17.12 -0.09 -2.01	18.66 -0.18 -1.52	13.83 -0.07 -3.96	12.33 -0.05 -5.13	21.44 -0.19 -2.51	26.77 -0.45 -1.29	26.35 -0.56 -0.70	24.29 -0.73 -0.28	27.55 -0.66 0.00	25.74 -0.77 0.00	26.32 -0.38 0.00	24.97 -0.28 0.00	28.68 -0.15 0.00	27.89 -0.09 0.00	9.59 -0.03 -6.89	7.75 0.01 -7.41	3.38 0.04 -9.12	3.42 0.03 -7.34	6.66 -0.01 -6.07	9.19 0.02 -3.60	11.24 0.03 -5.06	6.15 -0.01 -7.66	3.82 -0.07 -9.04
BARON_WINDS____WT_PWR 323822	26.16 -0.54 0.00	17.43 -0.18 -2.41	18.87 -0.27 -1.82	14.56 -0.12 -4.75	13.32 -0.08 -6.15	21.78 -0.35 -3.01	27.05 -0.43 -1.55	26.52 -0.54 -0.84	24.31 -0.76 -0.33	27.43 -0.79 0.00	25.62 -0.88 0.00	25.89 -0.82 0.00	24.56 -0.69 0.00	28.06 -0.77 0.00	27.38 -0.59 0.00	10.93 -0.07 -8.26	9.24 0.01 -8.90	5.29 0.12 -10.94	4.96 0.10 -8.82	7.87 -0.02 -7.29	9.82 -0.06 -4.32	12.16 -0.06 -6.07	7.71 0.01 -9.19	5.73 0.03 -10.85
BARRETT_IC_1 23704	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT_IC_10 23701	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT_IC_11 23702	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT_IC_12 23703	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT_IC_2 23705	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT_IC_3 23706	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT_IC_4 23707	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT_IC_5 23708	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT_IC_6 23709	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76

BARRETT_IC_7 23710	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.59 -12.87	45.96 1.56 -17.70	47.59 1.65 -20.69	47.60 1.86 -16.90	47.61 1.83 -17.81	47.32 0.18 -44.41	27.21 0.02 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT_IC_8 23711	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT_IC_9 23700	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT___1 23545	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BARRETT___2 23546	28.10 1.41 0.00	23.27 0.79 -7.28	23.73 0.90 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.35 -1.01	29.72 1.50 0.00	40.97 1.60 -12.87	45.97 1.57 -17.70	47.59 1.65 -20.69	47.59 1.85 -16.90	47.59 1.81 -17.81	47.31 0.17 -44.41	27.21 0.01 -26.86	26.91 -0.36 -33.05	22.44 -0.22 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.30 -32.76
BATAVIA___115KV_TB1 55881	26.99 0.29 0.00	17.20 0.18 -1.82	18.82 0.13 -1.37	13.60 0.08 -3.58	11.95 0.06 -4.64	21.61 0.21 -2.27	27.17 0.08 -1.17	26.71 -0.14 -0.64	24.85 -0.14 -0.25	28.32 0.10 0.00	26.47 -0.04 0.00	27.10 0.40 0.00	25.61 0.36 0.00	29.33 0.49 0.00	28.53 0.55 0.00	9.00 0.04 -6.23	7.03 -0.01 -6.71	2.36 -0.12 -8.25	2.62 -0.07 -6.65	6.09 0.00 -5.49	8.96 0.13 -3.25	10.88 0.15 -4.57	5.39 -0.04 -6.93	2.87 -0.17 -8.18
BAYONEEC___CTG1 323682	27.85 1.16 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.67 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.67 1.07 -4.67	29.89 1.13 -2.55	26.84 1.09 -1.01	29.35 1.14 0.00	27.53 1.02 0.00	27.66 0.96 0.00	26.36 1.10 0.00	30.05 1.22 0.00	29.17 1.20 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
BAYONEEC___CTG10 323750	27.85 1.16 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.67 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.67 1.07 -4.67	29.89 1.13 -2.55	26.84 1.09 -1.01	29.35 1.14 0.00	27.53 1.02 0.00	27.66 0.96 0.00	26.36 1.10 0.00	30.05 1.22 0.00	29.17 1.20 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
BAYONEEC___CTG2 323683	27.85 1.16 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.67 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.67 1.07 -4.67	29.89 1.13 -2.55	26.84 1.09 -1.01	29.35 1.14 0.00	27.53 1.02 0.00	27.66 0.96 0.00	26.36 1.10 0.00	30.05 1.22 0.00	29.17 1.20 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
BAYONEEC___CTG3 323684	27.85 1.16 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.67 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.67 1.07 -4.67	29.89 1.13 -2.55	26.84 1.09 -1.01	29.35 1.14 0.00	27.53 1.02 0.00	27.66 0.96 0.00	26.36 1.10 0.00	30.05 1.22 0.00	29.17 1.20 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
BAYONEEC___CTG4 323685	27.85 1.16 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.67 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.67 1.07 -4.67	29.89 1.13 -2.55	26.84 1.09 -1.01	29.35 1.14 0.00	27.53 1.02 0.00	27.66 0.96 0.00	26.36 1.10 0.00	30.05 1.22 0.00	29.17 1.20 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
BAYONEEC___CTG5 323686	27.85 1.16 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.67 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.67 1.07 -4.67	29.89 1.13 -2.55	26.84 1.09 -1.01	29.35 1.14 0.00	27.53 1.02 0.00	27.66 0.96 0.00	26.36 1.10 0.00	30.05 1.22 0.00	29.17 1.20 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
BAYONEEC___CTG6 323687	27.85 1.16 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.67 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.67 1.07 -4.67	29.89 1.13 -2.55	26.84 1.09 -1.01	29.35 1.14 0.00	27.53 1.02 0.00	27.66 0.96 0.00	26.36 1.10 0.00	30.05 1.22 0.00	29.17 1.20 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
BAYONEEC___CTG7 323688	27.85 1.16 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.67 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.67 1.07 -4.67	29.89 1.13 -2.55	26.84 1.09 -1.01	29.35 1.14 0.00	27.53 1.02 0.00	27.66 0.96 0.00	26.36 1.10 0.00	30.05 1.22 0.00	29.17 1.20 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
BAYONEEC___CTG8 323689	27.85 1.16 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.67 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.67 1.07 -4.67	29.89 1.13 -2.55	26.84 1.09 -1.01	29.35 1.14 0.00	27.53 1.02 0.00	27.66 0.96 0.00	26.36 1.10 0.00	30.05 1.22 0.00	29.17 1.20 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76

BAYONEEC___CTG9 323749	27.85 1.16 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.67 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.67 1.07 -4.67	29.89 1.13 -2.55	26.84 1.09 -1.01	29.35 1.14 0.00	27.53 1.02 0.00	27.66 0.96 0.00	26.36 1.10 0.00	30.05 1.22 0.00	29.17 1.20 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.27 -33.04	22.49 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
BEACON___LESR 323632	27.39 0.70 0.00	24.39 0.42 -8.76	24.41 0.46 -6.63	27.46 0.25 -17.27	29.79 0.17 -22.37	30.56 0.50 -10.93	32.23 0.67 -5.63	29.94 0.66 -3.07	26.57 0.62 -1.21	28.89 0.67 0.00	27.21 0.70 0.00	27.34 0.64 0.00	25.92 0.67 0.00	29.56 0.72 0.00	28.66 0.69 0.00	32.85 0.07 -30.05	32.69 0.01 -32.36	33.85 -0.18 -39.80	28.00 -0.11 -32.06	27.11 0.02 -26.50	21.44 0.17 -15.70	28.40 0.18 -22.07	31.88 -0.04 -33.41	34.15 -0.16 -39.46
BEAVER RIVER___HYD 24048	26.70 0.01 0.00	15.88 0.00 -0.67	17.77 -0.06 -0.51	11.17 -0.09 -1.32	8.92 -0.05 -1.72	19.89 -0.08 -0.84	26.40 0.04 -0.43	26.55 0.10 -0.24	25.08 0.24 -0.09	28.72 0.50 0.00	26.88 0.37 0.00	26.83 0.12 0.00	24.76 -0.49 0.00	28.07 -0.76 0.00	26.88 -1.10 0.00	4.94 -0.09 -2.30	2.79 -0.02 -2.48	-2.46 0.25 -3.05	-1.35 0.14 -2.46	2.62 -0.01 -2.03	6.59 -0.19 -1.20	7.61 -0.23 -1.69	1.16 0.09 -2.56	-1.86 0.26 -3.03
BEEBEE_GT_13 23619	26.67 -0.02 0.00	16.89 -0.01 -1.68	18.53 -0.06 -1.28	13.23 -0.03 -3.32	11.55 0.00 -4.30	21.23 0.00 -2.10	26.86 -0.14 -1.08	26.55 -0.25 -0.59	24.71 -0.26 -0.23	28.11 -0.11 0.00	26.31 -0.19 0.00	26.81 0.11 0.00	25.35 0.10 0.00	29.03 0.20 0.00	28.21 0.24 0.00	8.53 0.02 -5.78	6.54 -0.01 -6.22	1.82 -0.06 -7.65	2.18 -0.03 -6.16	5.69 0.00 -5.09	8.65 0.07 -3.02	10.48 0.08 -4.24	4.91 -0.03 -6.42	2.35 -0.09 -7.59
BENSHRST_27_KV_BENSHRST_1 355998	28.18 1.48 0.00	23.28 0.80 -7.27	23.71 0.89 -5.51	24.79 0.51 -14.34	26.20 0.38 -18.57	29.21 1.01 -9.07	31.95 1.36 -4.67	30.19 1.43 -2.55	27.13 1.39 -1.01	29.69 1.47 0.00	27.88 1.37 0.00	28.01 1.30 0.00	26.66 1.41 0.00	30.40 1.57 0.00	29.54 1.57 0.00	27.83 0.15 -24.95	27.20 0.01 -26.86	26.91 -0.36 -33.04	22.43 -0.23 -26.61	22.63 0.03 -22.00	18.92 0.32 -13.03	24.82 0.34 -18.32	26.16 -0.09 -27.74	27.31 -0.30 -32.76
BETHLEHEM___GRP 23843	26.92 0.22 0.00	24.15 0.17 -8.77	24.11 0.15 -6.64	27.31 0.08 -17.29	29.69 0.04 -22.39	30.20 0.13 -10.94	31.72 0.16 -5.64	29.40 0.12 -3.07	26.09 0.14 -1.21	28.28 0.07 0.00	26.69 0.18 0.00	26.84 0.14 0.00	25.41 0.16 0.00	29.00 0.16 0.00	28.13 0.15 0.00	32.83 0.02 -30.08	32.72 0.00 -32.39	34.03 -0.04 -39.84	28.11 -0.03 -32.09	27.13 0.00 -26.53	21.33 0.05 -15.71	28.30 0.05 -22.09	31.95 -0.01 -33.45	34.28 -0.07 -39.50
BETHLEHEM___GS1 323560	26.91 0.22 0.00	24.15 0.17 -8.77	24.11 0.15 -6.64	27.31 0.08 -17.29	29.69 0.05 -22.39	30.20 0.13 -10.94	31.72 0.16 -5.64	29.41 0.12 -3.07	26.09 0.14 -1.21	28.28 0.07 0.00	26.69 0.19 0.00	26.85 0.14 0.00	25.41 0.16 0.00	29.00 0.16 0.00	28.13 0.15 0.00	32.83 0.01 -30.08	32.72 0.00 -32.39	34.03 -0.04 -39.84	28.11 -0.03 -32.09	27.13 0.00 -26.53	21.33 0.05 -15.71	28.30 0.05 -22.09	31.95 -0.01 -33.45	34.28 -0.07 -39.50
BETHLEHEM___GS2 323561	26.91 0.22 0.00	24.15 0.17 -8.77	24.11 0.15 -6.64	27.31 0.08 -17.29	29.69 0.05 -22.39	30.20 0.13 -10.94	31.72 0.16 -5.64	29.41 0.12 -3.07	26.09 0.14 -1.21	28.28 0.07 0.00	26.69 0.19 0.00	26.85 0.14 0.00	25.41 0.16 0.00	29.00 0.16 0.00	28.13 0.15 0.00	32.83 0.01 -30.08	32.72 0.00 -32.39	34.03 -0.04 -39.84	28.11 -0.03 -32.09	27.13 0.00 -26.53	21.33 0.05 -15.71	28.30 0.05 -22.09	31.95 -0.01 -33.45	34.28 -0.07 -39.50
BETHLEHEM___GS3 323562	26.91 0.22 0.00	24.15 0.17 -8.77	24.11 0.15 -6.64	27.31 0.08 -17.29	29.69 0.05 -22.39	30.20 0.13 -10.94	31.72 0.16 -5.64	29.41 0.12 -3.07	26.09 0.14 -1.21	28.28 0.07 0.00	26.69 0.19 0.00	26.85 0.14 0.00	25.41 0.16 0.00	29.00 0.16 0.00	28.13 0.15 0.00	32.83 0.01 -30.08	32.72 0.00 -32.39	34.03 -0.04 -39.84	28.11 -0.03 -32.09	27.13 0.00 -26.53	21.33 0.05 -15.71	28.30 0.05 -22.09	31.95 -0.01 -33.45	34.28 -0.07 -39.50
BETHLEHEM___STEEL 23779	26.55 -0.15 0.00	17.12 -0.06 -1.97	18.66 -0.15 -1.49	13.76 -0.07 -3.89	12.25 -0.04 -5.04	21.47 -0.12 -2.46	26.80 -0.39 -1.27	26.33 -0.57 -0.69	24.31 -0.70 -0.27	27.64 -0.57 0.00	25.79 -0.71 0.00	26.38 -0.33 0.00	24.96 -0.29 0.00	28.66 -0.17 0.00	27.92 -0.05 0.00	9.48 -0.01 -6.77	7.62 0.00 -7.29	3.20 0.01 -8.96	3.28 0.01 -7.22	6.55 -0.01 -5.97	9.13 0.02 -3.53	11.16 0.04 -4.97	6.02 -0.01 -7.52	3.66 -0.08 -8.89
BETHLHEM_115KV_TB1 79974	27.00 0.30 0.00	24.18 0.21 -8.77	24.16 0.20 -6.64	27.33 0.11 -17.28	29.70 0.07 -22.38	30.25 0.19 -10.94	31.79 0.24 -5.63	29.48 0.20 -3.07	26.16 0.21 -1.21	28.37 0.16 0.00	26.76 0.26 0.00	26.92 0.21 0.00	25.48 0.23 0.00	29.09 0.25 0.00	28.22 0.24 0.00	32.82 0.02 -30.07	32.71 0.01 -32.37	33.99 -0.06 -39.82	28.08 -0.04 -32.08	27.12 0.01 -26.52	21.34 0.06 -15.70	28.30 0.07 -22.08	31.92 -0.01 -33.43	34.25 -0.08 -39.48
BETHPAGE_CC_5 323564	28.23 1.53 0.00	23.32 0.83 -7.28	23.79 0.97 -5.51	24.80 0.53 -14.34	26.22 0.40 -18.57	29.17 0.97 -9.08	31.98 1.38 -4.68	30.25 1.50 -2.55	27.23 1.48 -1.01	29.86 1.64 0.00	29.36 1.77 -1.08	29.60 1.74 -1.15	29.77 1.83 -2.69	33.22 2.09 -2.29	33.60 2.06 -3.57	39.75 0.20 -36.82	27.22 0.01 -26.87	26.87 -0.41 -33.05	22.41 -0.26 -26.62	22.64 0.04 -22.00	18.99 0.39 -13.03	24.91 0.43 -18.32	26.14 -0.11 -27.74	27.27 -0.34 -32.76
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.62 -0.08 0.00	17.17 -0.02 -1.99	18.72 -0.11 -1.50	13.81 -0.04 -3.91	12.29 -0.03 -5.07	21.53 -0.08 -2.48	26.88 -0.32 -1.28	26.43 -0.48 -0.69	24.40 -0.61 -0.27	27.74 -0.47 0.00	25.88 -0.63 0.00	26.45 -0.25 0.00	25.05 -0.20 0.00	28.76 -0.07 0.00	28.02 0.04 0.00	9.53 -0.01 -6.81	7.66 0.00 -7.33	3.24 0.00 -9.02	3.32 0.01 -7.26	6.59 -0.01 -6.00	9.17 0.04 -3.56	11.21 0.05 -5.00	6.06 -0.02 -7.57	3.70 -0.09 -8.94
BINGHAMTON___COGEN 23790	26.71 0.01 0.00	18.34 0.00 -3.14	19.71 0.01 -2.38	16.15 0.03 -6.19	15.29 0.03 -8.01	23.09 0.04 -3.92	28.03 0.09 -2.02	27.42 0.11 -1.10	25.21 0.04 -0.43	28.30 0.09 0.00	26.59 0.08 0.00	26.86 0.16 0.00	25.50 0.25 0.00	29.13 0.30 0.00	28.24 0.26 0.00	13.51 0.02 -10.76	11.94 0.02 -11.59	8.44 -0.04 -14.26	7.51 -0.02 -11.48	10.09 0.00 -9.49	11.25 0.06 -5.62	14.12 0.06 -7.90	10.46 -0.02 -11.97	8.94 -0.05 -14.13
BIXINCNT_115KV_LOAD 355685	26.90 0.20 0.00	17.39 0.15 -2.04	18.92 0.05 -1.54	14.00 0.05 -4.02	12.43 -0.02 -5.20	21.68 0.01 -2.54	27.10 -0.13 -1.31	26.68 -0.25 -0.71	24.60 -0.42 -0.28	27.77 -0.45 0.00	25.61 -0.90 0.00	26.18 -0.52 0.00	24.90 -0.35 0.00	28.73 -0.10 0.00	27.98 0.01 0.00	9.71 -0.01 -6.99	7.86 0.00 -7.53	3.49 0.00 -9.26	3.51 0.01 -7.46	6.75 -0.01 -6.17	9.29 0.07 -3.65	11.38 0.10 -5.14	6.26 -0.02 -7.77	3.92 -0.12 -9.18

BLACK RIVER___HYD 24047	26.81 0.11 0.00	16.14 0.05 -0.89	18.00 0.01 -0.67	11.62 -0.06 -1.75	9.47 -0.04 -2.26	20.20 -0.04 -1.10	26.62 0.13 -0.57	26.71 0.19 -0.31	25.21 0.35 -0.12	28.85 0.64 0.00	26.97 0.46 0.00	26.98 0.28 0.00	24.91 -0.34 0.00	28.20 -0.63 0.00	26.75 -1.23 0.00	5.67 -0.10 -3.04	3.58 -0.03 -3.27	-1.53 0.22 -4.02	-0.58 0.13 -3.24	3.27 -0.01 -2.68	7.02 -0.14 -1.59	8.20 -0.18 -2.23	1.96 0.07 -3.38	-0.93 0.23 -3.99
BLACKRVR_115KV_TB2 79977	26.81 0.11 0.00	16.14 0.05 -0.89	18.00 0.01 -0.67	11.62 -0.06 -1.75	9.47 -0.04 -2.26	20.19 -0.04 -1.10	26.62 0.13 -0.57	26.71 0.19 -0.31	25.21 0.35 -0.12	28.86 0.64 0.00	26.97 0.47 0.00	26.98 0.28 0.00	24.91 -0.34 0.00	28.20 -0.63 0.00	26.75 -1.23 0.00	5.67 -0.10 -3.04	3.58 -0.03 -3.27	-1.53 0.22 -4.02	-0.58 0.13 -3.24	3.27 -0.01 -2.68	7.02 -0.14 -1.59	8.20 -0.18 -2.23	1.96 0.07 -3.38	-0.93 0.23 -3.99
BLISS_WT_PWR 323608	26.87 0.17 0.00	17.39 0.15 -2.04	18.91 0.05 -1.54	13.99 0.04 -4.02	12.41 -0.05 -5.20	21.63 -0.04 -2.54	27.06 -0.18 -1.31	26.62 -0.30 -0.71	24.54 -0.48 -0.28	27.66 -0.56 0.00	25.41 -1.09 0.00	25.98 -0.72 0.00	24.73 -0.52 0.00	28.58 -0.25 0.00	27.84 -0.13 0.00	9.70 -0.02 -6.99	7.86 0.00 -7.53	3.51 0.02 -9.26	3.53 0.02 -7.46	6.75 -0.01 -6.17	9.28 0.06 -3.65	11.38 0.09 -5.14	6.26 -0.02 -7.77	3.93 -0.11 -9.18
BLUESTONE___WT_PWR 323821	26.40 -0.30 0.00	18.12 -0.35 -3.26	19.46 -0.34 -2.47	16.25 -0.12 -6.44	15.57 -0.01 -8.33	23.10 -0.10 -4.07	28.05 0.03 -2.10	27.56 0.20 -1.14	26.06 0.86 -0.45	29.49 1.27 0.00	27.97 1.46 0.00	28.40 1.70 0.00	26.79 1.54 0.00	30.53 1.70 0.00	29.30 1.33 0.00	14.05 0.13 -11.19	12.41 0.02 -12.05	8.93 -0.12 -14.83	7.93 -0.07 -11.94	10.49 0.02 -9.87	11.57 0.15 -5.85	14.55 0.17 -8.22	10.91 -0.04 -12.45	9.41 -0.14 -14.70
BLUE_CIRC_CHEM_DRP 24182	27.22 0.52 0.00	24.26 0.31 -8.74	24.29 0.35 -6.61	27.37 0.20 -17.23	29.69 0.13 -22.31	30.39 0.36 -10.90	32.00 0.47 -5.61	29.71 0.44 -3.06	26.37 0.42 -1.21	28.62 0.41 0.00	26.95 0.45 0.00	27.12 0.42 0.00	25.69 0.44 0.00	29.33 0.49 0.00	28.45 0.48 0.00	32.75 0.05 -29.97	32.61 0.01 -32.27	33.81 -0.11 -39.70	27.95 -0.07 -31.97	27.04 0.01 -26.43	21.34 0.11 -15.65	28.28 0.12 -22.01	31.81 -0.03 -33.33	34.10 -0.11 -39.35
BOC_GAS_DRP 24189	27.18 0.48 0.00	24.24 0.29 -8.74	24.27 0.33 -6.62	27.36 0.19 -17.23	29.69 0.13 -22.31	30.36 0.33 -10.91	31.97 0.44 -5.62	29.69 0.42 -3.06	26.35 0.40 -1.21	28.60 0.38 0.00	26.92 0.41 0.00	27.09 0.38 0.00	25.66 0.41 0.00	29.30 0.46 0.00	28.42 0.45 0.00	32.76 0.04 -29.98	32.62 0.01 -32.28	33.83 -0.10 -39.71	27.96 -0.07 -31.98	27.05 0.01 -26.44	21.34 0.11 -15.66	28.29 0.12 -22.02	31.82 -0.03 -33.34	34.11 -0.10 -39.37
BOONVILLE_115KV_TB1 79983	27.06 0.37 0.00	15.96 0.20 -0.55	17.95 0.21 -0.42	11.12 0.09 -1.09	8.74 0.08 -1.41	20.06 0.24 -0.69	26.69 0.41 -0.36	26.88 0.47 -0.19	25.34 0.53 -0.08	28.95 0.74 0.00	27.16 0.66 0.00	27.24 0.54 0.00	25.51 0.26 0.00	29.02 0.18 0.00	28.01 0.04 0.00	4.63 0.00 -1.90	2.37 0.00 -2.04	-3.23 0.03 -2.51	-1.92 0.00 -2.03	2.28 0.01 -1.67	6.57 0.01 -0.99	7.54 0.00 -1.39	0.63 0.02 -2.11	-2.61 0.05 -2.49
BORALEX_4TH_BRANCH 23824	27.98 1.28 0.00	24.67 0.73 -8.74	24.73 0.80 -6.61	27.62 0.46 -17.22	29.84 0.29 -22.29	30.83 0.81 -10.90	32.61 1.08 -5.61	30.30 1.03 -3.06	26.88 0.93 -1.21	29.15 0.93 0.00	27.26 0.75 0.00	27.37 0.67 0.00	25.90 0.65 0.00	29.60 0.77 0.00	28.78 0.81 0.00	32.77 0.09 -29.95	32.59 0.01 -32.25	33.70 -0.20 -39.67	27.87 -0.13 -31.96	27.03 0.02 -26.42	21.40 0.18 -15.65	28.36 0.20 -22.00	31.76 -0.05 -33.31	34.00 -0.18 -39.33
BOWLINE___1 23526	27.66 0.96 0.00	22.79 0.50 -7.08	23.25 0.57 -5.36	24.23 0.33 -13.96	25.58 0.25 -18.07	28.64 0.68 -8.83	31.43 0.96 -4.55	29.72 1.03 -2.48	26.68 0.96 -0.98	29.18 0.96 0.00	27.38 0.88 0.00	27.51 0.81 0.00	26.18 0.93 0.00	29.90 1.07 0.00	29.02 1.05 0.00	27.11 0.10 -24.28	26.48 0.01 -26.14	26.14 -0.24 -32.16	21.79 -0.16 -25.90	22.03 0.02 -21.41	18.47 0.22 -12.68	24.22 0.24 -17.83	25.44 -0.06 -27.00	26.53 -0.21 -31.88
BOWLINE___2 23595	27.66 0.96 0.00	22.79 0.50 -7.08	23.25 0.57 -5.36	24.23 0.33 -13.96	25.58 0.25 -18.07	28.65 0.69 -8.83	31.43 0.96 -4.55	29.72 1.03 -2.48	26.68 0.96 -0.98	29.18 0.97 0.00	27.39 0.88 0.00	27.51 0.81 0.00	26.18 0.93 0.00	29.90 1.07 0.00	29.02 1.05 0.00	27.11 0.10 -24.28	26.48 0.01 -26.14	26.14 -0.24 -32.16	21.79 -0.16 -25.91	22.03 0.02 -21.41	18.47 0.22 -12.68	24.22 0.24 -17.83	25.44 -0.06 -27.00	26.53 -0.21 -31.88
BRADY___115KV_TB2 356060	26.95 0.25 0.00	15.70 0.15 -0.34	17.73 0.15 -0.26	10.68 0.07 -0.68	8.20 0.07 -0.88	19.73 0.17 -0.43	26.43 0.28 -0.22	26.65 0.31 -0.12	25.17 0.38 -0.05	28.86 0.64 0.00	27.06 0.55 0.00	26.83 0.12 0.00	24.76 -0.49 0.00	28.41 -0.43 0.00	27.42 -0.55 0.00	3.91 0.00 -1.18	1.62 0.01 -1.27	-4.00 0.20 -1.57	-2.61 0.08 -1.26	1.64 0.00 -1.04	5.86 -0.33 -0.62	6.66 -0.37 -0.87	-0.08 0.09 -1.32	-3.32 0.28 -1.55
BRANSCOMB___SOLAR 323811	28.07 1.37 0.00	24.97 0.79 -8.98	25.00 0.88 -6.80	28.14 0.51 -17.70	30.52 0.35 -22.92	31.28 0.95 -11.20	32.99 1.29 -5.77	30.63 1.27 -3.14	27.14 1.16 -1.24	29.45 1.23 0.00	27.63 1.13 0.00	27.84 1.14 0.00	26.30 1.05 0.00	30.08 1.25 0.00	29.19 1.22 0.00	33.64 0.12 -30.79	33.50 0.02 -33.15	34.74 -0.26 -40.78	28.72 -0.17 -32.85	27.77 0.03 -27.15	21.90 0.25 -16.08	29.04 0.28 -22.61	32.67 -0.07 -34.23	35.03 -0.26 -40.43
BRENTWOD_69_KV_W. BRTWOOD 56703	28.55 1.85 0.00	23.49 1.01 -7.28	24.00 1.18 -5.51	24.92 0.64 -14.34	26.31 0.49 -18.57	29.38 1.17 -9.08	32.24 1.65 -4.68	30.53 1.77 -2.55	27.52 1.77 -1.01	30.18 1.97 0.00	28.75 2.09 -0.15	28.59 2.00 0.11	28.46 2.08 -1.14	32.20 2.40 -0.97	32.71 2.43 -2.31	39.84 0.24 -36.87	27.22 0.02 -26.87	26.78 -0.50 -33.05	22.36 -0.31 -26.62	22.65 0.05 -22.00	19.07 0.47 -13.03	24.99 0.51 -18.32	26.12 -0.13 -27.74	27.21 -0.41 -32.76
BRISTLHL_115KV_TB1 79998	26.30 -0.40 0.00	16.28 -0.23 -1.31	18.03 -0.27 -0.99	12.36 -0.15 -2.57	10.47 -0.10 -3.33	20.48 -0.28 -1.63	26.39 -0.37 -0.84	26.29 -0.38 -0.46	24.56 -0.36 -0.18	27.87 -0.34 0.00	26.18 -0.33 0.00	26.44 -0.26 0.00	25.02 -0.23 0.00	28.57 -0.26 0.00	27.71 -0.27 0.00	7.17 -0.03 -4.47	5.14 -0.01 -4.82	0.21 0.05 -5.93	0.86 0.04 -4.77	4.53 -0.01 -3.95	7.86 -0.04 -2.34	9.39 -0.05 -3.29	3.49 0.01 -4.97	0.77 0.04 -5.87
BROOKHAVEN___DRP 24191	28.57 1.88 0.00	23.51 1.03 -7.28	24.04 1.21 -5.51	24.94 0.65 -14.34	26.32 0.50 -18.57	29.39 1.18 -9.08	32.28 1.68 -4.68	30.55 1.79 -2.55	27.54 1.80 -1.01	30.23 2.01 0.00	28.67 2.11 -0.05	28.41 1.96 0.26	28.25 2.04 -0.96	32.02 2.37 -0.82	32.55 2.41 -2.17	39.84 0.24 -36.87	27.23 0.03 -26.87	26.77 -0.51 -33.05	22.35 -0.32 -26.62	22.65 0.05 -22.00	19.10 0.49 -13.03	25.02 0.54 -18.32	26.11 -0.14 -27.74	27.20 -0.42 -32.76



BROOKLYN_NAVY_YARD 23515	27.79 1.09 0.00	23.07 0.59 -7.27	23.49 0.66 -5.51	24.66 0.38 -14.34	26.10 0.28 -18.57	28.95 0.75 -9.07	31.61 1.02 -4.67	29.83 1.07 -2.55	26.79 1.04 -1.01	29.29 1.08 0.00	27.48 0.97 0.00	27.60 0.90 0.00	26.31 1.07 0.00	29.99 1.15 0.00	29.11 1.14 0.00	27.79 0.11 -24.95	27.19 0.01 -26.86	27.01 -0.25 -33.04	22.50 -0.16 -26.61	22.62 0.02 -22.00	18.83 0.23 -13.03	24.72 0.24 -18.32	26.18 -0.07 -27.74	27.39 -0.21 -32.76
BROOKLYN___ARMY_DRP 323595	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
BROOKVLE_69_KV_TB1 55790	28.18 1.49 0.00	23.29 0.81 -7.28	23.75 0.92 -5.51	24.79 0.51 -14.34	26.21 0.39 -18.57	29.18 0.98 -9.08	31.97 1.37 -4.68	30.24 1.48 -2.55	27.19 1.44 -1.01	29.80 1.58 0.00	30.32 1.62 -2.19	30.88 1.60 -2.58	31.72 1.70 -4.77	34.93 1.92 -4.18	35.13 1.88 -5.28	38.46 0.18 -35.55	27.21 0.01 -26.87	26.88 -0.39 -33.05	22.42 -0.25 -26.62	22.64 0.04 -22.00	18.97 0.37 -13.03	24.88 0.40 -18.32	26.15 -0.10 -27.74	27.29 -0.32 -32.76
BROOME_2_LFGE 323671	26.71 0.01 0.00	18.34 0.00 -3.14	19.71 0.01 -2.38	16.15 0.02 -6.19	15.29 0.03 -8.01	23.09 0.04 -3.92	28.03 0.09 -2.02	27.43 0.11 -1.10	25.21 0.03 -0.43	28.30 0.09 0.00	26.59 0.08 0.00	26.86 0.16 0.00	25.50 0.25 0.00	29.13 0.30 0.00	28.23 0.26 0.00	13.51 0.02 -10.76	11.94 0.02 -11.59	8.44 -0.04 -14.26	7.51 -0.02 -11.48	10.09 0.00 -9.49	11.25 0.06 -5.62	14.12 0.06 -7.90	10.46 -0.02 -11.97	8.94 -0.05 -14.13
BROOME___LFGE 323600	26.71 0.01 0.00	18.34 0.00 -3.14	19.71 0.01 -2.38	16.15 0.02 -6.19	15.29 0.03 -8.01	23.09 0.04 -3.92	28.03 0.09 -2.02	27.43 0.11 -1.10	25.21 0.03 -0.43	28.30 0.09 0.00	26.59 0.08 0.00	26.86 0.16 0.00	25.50 0.25 0.00	29.13 0.30 0.00	28.23 0.26 0.00	13.51 0.02 -10.76	11.94 0.02 -11.59	8.44 -0.04 -14.26	7.51 -0.02 -11.48	10.09 0.00 -9.49	11.25 0.06 -5.62	14.12 0.06 -7.90	10.46 -0.02 -11.97	8.94 -0.05 -14.13
BROWNFLS_115KV_TB_3_5 80003	26.57 -0.13 0.00	15.67 -0.07 -0.54	17.59 -0.14 -0.41	10.88 -0.12 -1.07	8.56 -0.07 -1.38	19.64 -0.16 -0.68	26.16 -0.11 -0.35	26.33 -0.07 -0.19	24.87 0.06 -0.07	28.51 0.30 0.00	26.69 0.19 0.00	26.54 -0.16 0.00	24.51 -0.75 0.00	27.89 -0.94 0.00	26.82 -1.15 0.00	4.51 -0.08 -1.86	2.32 -0.01 -2.00	-3.01 0.30 -2.46	-1.81 0.16 -1.98	2.23 -0.01 -1.64	6.23 -0.31 -0.97	7.16 -0.36 -1.36	0.68 0.11 -2.07	-2.38 0.33 -2.44
BROWNSV1_27_KV_LOAD 356125	28.12 1.42 0.00	23.25 0.77 -7.27	23.68 0.86 -5.51	24.77 0.49 -14.34	26.18 0.37 -18.57	29.17 0.97 -9.07	31.91 1.32 -4.67	30.13 1.37 -2.55	27.08 1.34 -1.01	29.64 1.42 0.00	27.81 1.31 0.00	27.95 1.25 0.00	26.62 1.38 0.00	30.37 1.54 0.00	29.48 1.51 0.00	27.83 0.15 -24.95	27.20 0.01 -26.86	26.93 -0.33 -33.04	22.45 -0.22 -26.61	22.63 0.03 -22.00	18.90 0.30 -13.03	24.79 0.32 -18.32	26.16 -0.08 -27.74	27.33 -0.28 -32.76
BURROWS___LYONSDAL 23803	26.97 0.27 0.00	15.93 0.15 -0.58	17.90 0.14 -0.44	11.12 0.04 -1.14	8.76 0.04 -1.47	20.00 0.15 -0.72	26.62 0.33 -0.37	26.79 0.38 -0.20	25.28 0.46 -0.08	28.89 0.68 0.00	27.10 0.59 0.00	27.13 0.42 0.00	25.30 0.06 0.00	28.75 -0.08 0.00	27.70 -0.27 0.00	4.69 -0.02 -1.98	2.45 -0.01 -2.13	-3.06 0.09 -2.62	-1.80 0.04 -2.11	2.34 0.00 -1.74	6.57 -0.04 -1.03	7.54 -0.06 -1.45	0.74 0.04 -2.20	-2.44 0.11 -2.60
CAITHNESS_CC_1 323624	28.49 1.80 0.00	23.47 0.99 -7.28	23.99 1.16 -5.51	24.91 0.63 -14.34	26.30 0.48 -18.57	29.34 1.14 -9.08	32.20 1.60 -4.68	30.48 1.71 -2.55	27.47 1.73 -1.01	30.15 1.93 0.00	28.60 2.05 -0.05	28.36 1.92 0.26	28.19 1.99 -0.95	31.95 2.30 -0.82	32.49 2.35 -2.16	39.84 0.24 -36.87	27.22 0.02 -26.87	26.79 -0.48 -33.05	22.37 -0.30 -26.62	22.65 0.05 -22.00	19.08 0.47 -13.03	24.99 0.52 -18.32	26.12 -0.13 -27.74	27.21 -0.40 -32.76
CALPINE BETH_PAGE_GT4 24209	28.16 1.47 0.00	23.28 0.80 -7.28	23.75 0.92 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.13 0.92 -9.08	31.91 1.31 -4.68	30.18 1.42 -2.55	27.17 1.42 -1.01	29.78 1.56 0.00	29.73 1.69 -1.54	30.13 1.66 -1.76	30.45 1.76 -3.44	33.78 2.01 -2.94	34.13 1.98 -4.18	39.70 0.19 -36.78	27.21 0.01 -26.87	26.89 -0.38 -33.05	22.43 -0.24 -26.62	22.64 0.03 -22.00	18.97 0.37 -13.03	24.89 0.42 -18.32	26.14 -0.11 -27.74	27.29 -0.33 -32.76
CALPINE_BETH_PAGE_GT_4 323586	28.16 1.47 0.00	23.28 0.80 -7.28	23.75 0.92 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.13 0.92 -9.08	31.91 1.31 -4.68	30.18 1.42 -2.55	27.17 1.42 -1.01	29.78 1.56 0.00	29.73 1.69 -1.54	30.13 1.67 -1.76	30.45 1.76 -3.44	33.78 2.01 -2.94	34.13 1.98 -4.18	39.70 0.19 -36.78	27.21 0.01 -26.87	26.89 -0.39 -33.05	22.43 -0.24 -26.62	22.64 0.03 -22.00	18.97 0.37 -13.03	24.89 0.42 -18.32	26.14 -0.11 -27.74	27.29 -0.33 -32.76
CALPINE_BP_GT1 23823	28.16 1.47 0.00	23.28 0.80 -7.28	23.75 0.92 -5.51	24.78 0.50 -14.34	26.20 0.38 -18.57	29.13 0.92 -9.08	31.91 1.31 -4.68	30.18 1.42 -2.55	27.17 1.42 -1.01	29.78 1.56 0.00	29.73 1.69 -1.54	30.13 1.67 -1.76	30.45 1.76 -3.44	33.78 2.01 -2.94	34.13 1.98 -4.18	39.70 0.19 -36.78	27.21 0.01 -26.87	26.89 -0.39 -33.05	22.43 -0.24 -26.62	22.64 0.03 -22.00	18.97 0.37 -13.03	24.89 0.42 -18.32	26.14 -0.11 -27.74	27.29 -0.33 -32.76
CALSPAN___DRP 24200	26.55 -0.15 0.00	17.12 -0.06 -1.97	18.66 -0.15 -1.49	13.76 -0.07 -3.89	12.25 -0.04 -5.04	21.47 -0.12 -2.46	26.80 -0.39 -1.27	26.33 -0.57 -0.69	24.31 -0.70 -0.27	27.64 -0.57 0.00	25.79 -0.71 0.00	26.38 -0.33 0.00	24.96 -0.29 0.00	28.66 -0.17 0.00	27.92 -0.05 0.00	9.48 -0.01 -6.77	7.62 0.00 -7.29	3.20 0.01 -8.96	3.28 0.01 -7.22	6.55 -0.01 -5.97	9.13 0.02 -3.53	11.16 0.04 -4.97	6.02 -0.01 -7.52	3.66 -0.08 -8.89
CALVERTON___SOLAR 323806	28.67 1.97 0.00	23.56 1.08 -7.28	24.09 1.26 -5.51	24.97 0.68 -14.34	26.34 0.52 -18.57	29.46 1.25 -9.08	32.36 1.76 -4.68	30.65 1.89 -2.55	27.63 1.89 -1.01	30.33 2.11 0.00	28.77 2.21 -0.05	28.50 2.05 0.25	28.32 2.11 -0.96	32.10 2.45 -0.82	32.66 2.51 -2.17	39.86 0.25 -36.88	27.23 0.03 -26.87	26.75 -0.53 -33.05	22.34 -0.33 -26.62	22.65 0.05 -22.00	19.12 0.52 -13.03	25.04 0.56 -18.32	26.11 -0.14 -27.74	27.18 -0.44 -32.76
CANDIGU_WT_PWR 323617	26.16 -0.54 0.00	17.43 -0.18 -2.41	18.87 -0.27 -1.82	14.56 -0.12 -4.75	13.32 -0.08 -6.15	21.78 -0.35 -3.01	27.05 -0.43 -1.55	26.52 -0.54 -0.84	24.31 -0.76 -0.33	27.43 -0.79 0.00	25.62 -0.88 0.00	25.89 -0.82 0.00	24.56 -0.69 0.00	28.06 -0.77 0.00	27.38 -0.59 0.00	10.93 -0.07 -8.26	9.24 0.01 -8.90	5.29 0.12 -10.94	4.96 0.10 -8.82	7.87 -0.02 -7.29	9.82 -0.06 -4.32	12.16 -0.06 -6.07	7.71 0.01 -9.19	5.73 0.03 -10.85

CARR STREET_E_SYR 24060	26.49 -0.20 0.00	16.49 -0.12 -1.40	18.24 -0.15 -1.06	12.63 -0.08 -2.77	10.79 -0.05 -3.59	20.74 -0.14 -1.75	26.64 -0.19 -0.90	26.52 -0.19 -0.49	24.74 -0.19 -0.19	28.04 -0.17 0.00	26.35 -0.16 0.00	26.62 -0.09 0.00	25.19 -0.05 0.00	28.78 -0.05 0.00	27.92 -0.06 0.00	7.54 -0.01 -4.82	5.52 0.00 -5.19	0.62 0.01 -6.38	1.20 0.01 -5.14	4.84 -0.01 -4.25	8.09 0.00 -2.52	9.69 0.00 -3.54	3.87 0.00 -5.36	1.19 0.01 -6.33
CARTHAGE___PAPER 23857	26.92 0.23 0.00	16.12 0.12 -0.80	18.01 0.08 -0.61	11.51 -0.02 -1.58	9.30 0.00 -2.05	20.19 0.06 -1.00	26.69 0.25 -0.52	26.81 0.32 -0.28	25.31 0.46 -0.11	28.98 0.77 0.00	27.12 0.62 0.00	27.09 0.39 0.00	25.01 -0.24 0.00	28.34 -0.49 0.00	27.00 -0.97 0.00	5.41 -0.08 -2.76	3.27 -0.02 -2.97	-1.92 0.20 -3.65	-0.90 0.11 -2.94	3.02 0.00 -2.43	6.87 -0.13 -1.44	8.00 -0.17 -2.02	1.64 0.07 -3.06	-1.31 0.22 -3.61
CASSADAGA_WT_PWR 323784	26.40 -0.29 0.00	17.03 -0.21 -2.04	18.53 -0.33 -1.54	13.82 -0.13 -4.01	12.33 -0.11 -5.19	21.23 -0.44 -2.54	26.42 -0.81 -1.31	26.40 -0.52 -0.71	24.39 -0.63 -0.28	27.64 -0.58 0.00	25.83 -0.67 0.00	26.48 -0.22 0.00	25.16 -0.09 0.00	28.87 0.03 0.00	28.03 0.05 0.00	9.69 -0.02 -6.98	7.86 0.02 -7.52	3.48 0.01 -9.24	3.49 0.00 -7.45	6.75 -0.01 -6.15	9.29 0.08 -3.65	11.36 0.09 -5.13	6.25 -0.02 -7.76	3.91 -0.11 -9.16
CE_DUNWOOD___DRP 24194	27.80 1.11 0.00	23.07 0.60 -7.26	23.49 0.67 -5.50	24.64 0.39 -14.32	26.08 0.30 -18.54	28.96 0.77 -9.06	31.65 1.06 -4.67	29.88 1.12 -2.54	26.82 1.07 -1.00	29.33 1.11 0.00	27.53 1.02 0.00	27.65 0.95 0.00	26.32 1.07 0.00	30.04 1.21 0.00	29.16 1.18 0.00	27.75 0.12 -24.90	27.15 0.01 -26.81	26.94 -0.27 -32.98	22.44 -0.17 -26.57	22.58 0.03 -21.96	18.82 0.24 -13.01	24.70 0.26 -18.29	26.13 -0.07 -27.69	27.33 -0.23 -32.70
CE_MILLWOOD___DRP 24193	27.77 1.07 0.00	23.02 0.58 -7.24	23.44 0.64 -5.48	24.58 0.37 -14.27	26.01 0.28 -18.47	28.91 0.75 -9.03	31.61 1.03 -4.65	29.83 1.09 -2.53	26.77 1.03 -1.00	29.28 1.06 0.00	27.49 0.98 0.00	27.61 0.91 0.00	26.27 1.03 0.00	29.99 1.16 0.00	29.11 1.13 0.00	27.67 0.11 -24.82	27.06 0.01 -26.73	26.84 -0.26 -32.87	22.36 -0.17 -26.48	22.51 0.02 -21.89	18.77 0.23 -12.96	24.63 0.26 -18.23	26.04 -0.07 -27.60	27.22 -0.22 -32.59
CE_NYC2_DRP 24202	27.93 1.23 0.00	23.15 0.67 -7.27	23.57 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.05 0.85 -9.07	31.72 1.13 -4.67	29.95 1.19 -2.55	26.89 1.15 -1.01	29.43 1.21 0.00	27.63 1.12 0.00	27.75 1.05 0.00	26.44 1.19 0.00	30.12 1.29 0.00	29.25 1.28 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.19 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.28 -18.32	26.17 -0.08 -27.74	27.36 -0.25 -32.76
CE_NYC_DRP 24195	27.88 1.19 0.00	23.12 0.64 -7.27	23.55 0.72 -5.51	24.69 0.42 -14.34	26.13 0.31 -18.57	29.01 0.81 -9.07	31.70 1.10 -4.67	29.91 1.16 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.57 1.06 0.00	27.70 0.99 0.00	26.39 1.14 0.00	30.09 1.26 0.00	29.21 1.24 0.00	27.80 0.12 -24.95	27.19 0.01 -26.86	26.99 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
CHAFFEE___LFGE 323603	26.51 -0.18 0.00	17.13 -0.08 -2.01	18.66 -0.17 -1.52	13.81 -0.08 -3.96	12.32 -0.05 -5.12	21.48 -0.16 -2.50	26.82 -0.39 -1.29	26.36 -0.56 -0.70	24.34 -0.68 -0.28	27.69 -0.53 0.00	25.84 -0.67 0.00	26.41 -0.29 0.00	25.00 -0.25 0.00	28.69 -0.14 0.00	27.94 -0.03 0.00	9.60 -0.01 -6.88	7.74 0.00 -7.41	3.35 0.01 -9.11	3.41 0.02 -7.34	6.65 -0.01 -6.07	9.19 0.02 -3.60	11.24 0.03 -5.05	6.15 -0.01 -7.65	3.82 -0.07 -9.04
CHATEAUG_35_KV_LOAD 355732	26.69 -0.01 0.00	15.54 0.03 -0.31	17.58 0.03 -0.23	10.54 0.00 -0.61	8.07 0.03 -0.78	19.56 0.05 -0.38	26.22 0.10 -0.20	26.40 0.08 -0.11	24.98 0.19 -0.04	28.67 0.45 0.00	26.94 0.43 0.00	26.80 0.10 0.00	24.80 -0.45 0.00	28.42 -0.41 0.00	27.40 -0.58 0.00	3.73 -0.05 -1.05	1.47 0.01 -1.13	-4.04 0.34 -1.40	-2.64 0.19 -1.12	1.51 -0.01 -0.93	5.59 -0.53 -0.55	6.36 -0.56 -0.77	-0.19 0.13 -1.17	-3.36 0.41 -1.38
CHATEAUG_WT_PWR 323614	26.67 -0.03 0.00	15.54 0.03 -0.30	17.57 0.03 -0.22	10.53 0.01 -0.58	8.04 0.03 -0.76	19.58 0.08 -0.37	26.20 0.09 -0.19	26.36 0.05 -0.10	24.94 0.16 -0.04	28.62 0.41 0.00	26.91 0.40 0.00	26.78 0.08 0.00	24.80 -0.44 0.00	28.44 -0.39 0.00	27.37 -0.61 0.00	3.70 -0.05 -1.02	1.43 0.01 -1.09	-4.07 0.35 -1.35	-2.66 0.21 -1.09	1.48 -0.01 -0.90	5.54 -0.56 -0.53	6.32 -0.58 -0.75	-0.23 0.13 -1.13	-3.39 0.42 -1.34
CHAT_HIGH_FALL_HYD 323578	26.69 -0.01 0.00	15.55 0.04 -0.31	17.58 0.03 -0.23	10.55 0.01 -0.61	8.07 0.03 -0.78	19.59 0.08 -0.38	26.21 0.09 -0.20	26.40 0.08 -0.11	24.98 0.20 -0.04	28.67 0.45 0.00	26.94 0.43 0.00	26.80 0.10 0.00	24.80 -0.45 0.00	28.42 -0.41 0.00	27.40 -0.58 0.00	3.73 -0.05 -1.05	1.47 0.01 -1.13	-4.04 0.34 -1.40	-2.64 0.19 -1.12	1.51 -0.01 -0.93	5.59 -0.53 -0.55	6.36 -0.56 -0.77	-0.19 0.13 -1.17	-3.36 0.41 -1.38
CHAUTAUQUA___LFGE 323629	26.64 -0.06 0.00	17.18 -0.04 -2.02	18.72 -0.12 -1.53	13.89 -0.03 -3.98	12.38 -0.02 -5.15	21.47 -0.17 -2.52	26.79 -0.43 -1.30	26.41 -0.51 -0.71	24.35 -0.67 -0.28	27.62 -0.60 0.00	25.81 -0.70 0.00	26.41 -0.29 0.00	25.07 -0.18 0.00	28.77 -0.06 0.00	27.96 -0.01 0.00	9.64 -0.02 -6.92	7.80 0.02 -7.46	3.41 0.01 -9.17	3.44 0.00 -7.39	6.70 -0.01 -6.11	9.24 0.05 -3.62	11.30 0.06 -5.08	6.19 -0.02 -7.70	3.85 -0.09 -9.09
CHERRYST_13_KV_LD 356241	27.95 1.25 0.00	23.16 0.68 -7.27	23.59 0.76 -5.51	24.71 0.44 -14.34	26.14 0.33 -18.57	29.07 0.86 -9.07	31.77 1.17 -4.67	29.98 1.23 -2.55	26.94 1.20 -1.01	29.47 1.25 0.00	27.64 1.13 0.00	27.78 1.07 0.00	26.46 1.21 0.00	30.17 1.34 0.00	29.29 1.32 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.97 -0.29 -33.04	22.47 -0.19 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.28 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
CHESTROR_138KV_BK263 355645	27.56 0.86 0.00	22.48 0.46 -6.82	23.00 0.52 -5.16	23.69 0.30 -13.44	24.89 0.23 -17.41	28.26 0.62 -8.51	31.15 0.85 -4.38	29.52 0.92 -2.39	26.54 0.85 -0.94	29.06 0.84 0.00	27.27 0.77 0.00	27.41 0.71 0.00	26.05 0.80 0.00	29.76 0.93 0.00	28.88 0.91 0.00	26.21 0.09 -23.39	25.52 0.00 -25.18	24.99 -0.22 -30.98	20.86 -0.14 -24.95	21.24 0.02 -20.63	17.99 0.20 -12.22	23.54 0.21 -17.18	24.46 -0.06 -26.01	25.38 -0.18 -30.71
CH_MIDHUDSON___DRP 24192	27.81 1.11 0.00	23.28 0.62 -7.45	23.66 0.70 -5.64	25.03 0.40 -14.68	26.56 0.30 -19.01	29.22 0.80 -9.29	31.79 1.08 -4.79	29.93 1.11 -2.61	26.82 1.05 -1.03	29.33 1.11 0.00	27.53 1.03 0.00	27.68 0.98 0.00	26.30 1.05 0.00	30.03 1.19 0.00	29.13 1.16 0.00	28.39 0.12 -25.54	27.84 0.01 -27.50	27.79 -0.27 -33.83	23.12 -0.18 -27.25	23.15 0.03 -22.52	19.16 0.25 -13.34	25.18 0.27 -18.76	26.84 -0.07 -28.40	28.17 -0.22 -33.54

CH_MISC_IPPS 23765	27.93 1.24 0.00	23.21 0.68 -7.32	23.63 0.77 -5.54	24.81 0.44 -14.43	26.26 0.33 -18.68	29.14 0.88 -9.13	31.83 1.21 -4.70	30.04 1.26 -2.56	26.93 1.18 -1.01	29.47 1.25 0.00	27.66 1.16 0.00	27.80 1.10 0.00	26.42 1.18 0.00	30.17 1.34 0.00	29.29 1.31 0.00	27.96 0.13 -25.10	27.37 0.01 -27.02	27.16 -0.30 -33.24	22.62 -0.20 -26.77	22.76 0.03 -22.13	18.96 0.28 -13.11	24.88 0.30 -18.43	26.34 -0.08 -27.91	27.55 -0.25 -32.95
CH_RES_BVR_FALLS 23983	26.48 -0.22 0.00	15.30 -0.11 -0.20	17.35 -0.12 -0.15	10.24 -0.09 -0.40	7.70 -0.06 -0.51	19.24 -0.14 -0.25	25.87 -0.18 -0.13	26.08 -0.20 -0.07	24.64 -0.13 -0.03	28.17 -0.04 0.00	26.42 -0.08 0.00	26.43 -0.28 0.00	24.58 -0.67 0.00	28.10 -0.73 0.00	27.26 -0.71 0.00	3.37 -0.05 -0.69	1.07 0.00 -0.74	-4.63 0.23 -0.91	-3.10 0.12 -0.73	1.20 -0.01 -0.61	5.67 -0.26 -0.36	6.37 -0.28 -0.51	-0.65 0.08 -0.77	-4.01 0.24 -0.91
CH_RES_NIAGARA 23895	25.91 -0.79 0.00	16.70 -0.40 -1.89	18.23 -0.52 -1.43	13.37 -0.30 -3.73	11.90 -0.17 -4.83	21.02 -0.47 -2.36	26.17 -0.97 -1.22	25.57 -1.30 -0.66	23.71 -1.29 -0.26	27.01 -1.21 0.00	25.18 -1.32 0.00	25.80 -0.90 0.00	24.36 -0.89 0.00	27.98 -0.86 0.00	27.30 -0.67 0.00	9.13 -0.09 -6.48	7.30 -0.01 -6.98	2.95 0.13 -8.58	3.08 0.12 -6.92	6.28 -0.03 -5.72	8.86 -0.10 -3.39	10.80 -0.11 -4.76	5.74 0.02 -7.20	3.39 0.03 -8.51
CH_RES_SYRACUSE 23985	26.63 -0.07 0.00	16.65 -0.05 -1.49	18.39 -0.06 -1.13	12.85 -0.03 -2.94	11.04 -0.02 -3.81	20.94 -0.05 -1.86	26.83 -0.05 -0.96	26.68 -0.05 -0.52	24.88 -0.06 -0.21	28.20 -0.01 0.00	26.50 -0.01 0.00	26.77 0.06 0.00	25.33 0.08 0.00	28.93 0.09 0.00	28.06 0.09 0.00	7.85 0.00 -5.12	5.84 0.00 -5.51	0.99 -0.02 -6.78	1.50 -0.01 -5.46	5.11 0.00 -4.51	8.27 0.02 -2.67	9.93 0.02 -3.76	4.19 0.00 -5.69	1.56 -0.01 -6.72
CLINTON_WT_PWR 323605	26.67 -0.03 0.00	15.54 0.03 -0.30	17.57 0.03 -0.22	10.53 0.01 -0.58	8.04 0.03 -0.76	19.58 0.08 -0.37	26.20 0.09 -0.19	26.36 0.05 -0.10	24.94 0.16 -0.04	28.62 0.41 0.00	26.91 0.40 0.00	26.78 0.08 0.00	24.80 -0.44 0.00	28.44 -0.39 0.00	27.37 -0.61 0.00	3.70 -0.05 -1.02	1.43 0.01 -1.09	-4.07 0.35 -1.35	-2.66 0.21 -1.09	1.48 -0.01 -0.90	5.54 -0.56 -0.53	6.32 -0.58 -0.75	-0.23 0.13 -1.13	-3.39 0.42 -1.34
CLINTON__LFGE 323618	27.00 0.30 0.00	15.74 0.23 -0.30	17.79 0.24 -0.23	10.66 0.13 -0.59	8.14 0.12 -0.76	19.82 0.32 -0.37	26.56 0.45 -0.19	26.72 0.40 -0.10	25.29 0.52 -0.04	29.04 0.82 0.00	27.32 0.81 0.00	27.20 0.50 0.00	25.24 -0.01 0.00	28.93 0.09 0.00	27.81 -0.17 0.00	3.75 -0.01 -1.03	1.45 0.01 -1.10	-4.15 0.27 -1.36	-2.71 0.15 -1.10	1.50 -0.01 -0.91	5.63 -0.48 -0.53	6.40 -0.50 -0.75	-0.23 0.12 -1.14	-3.45 0.35 -1.35
COBBLENY_34_KV_TB1 80064	26.51 -0.18 0.00	17.13 -0.08 -2.01	18.66 -0.17 -1.52	13.81 -0.08 -3.96	12.32 -0.05 -5.12	21.49 -0.14 -2.50	26.82 -0.39 -1.29	26.35 -0.56 -0.70	24.34 -0.68 -0.28	27.68 -0.53 0.00	25.84 -0.66 0.00	26.41 -0.29 0.00	25.00 -0.25 0.00	28.69 -0.14 0.00	27.94 -0.03 0.00	9.60 -0.01 -6.88	7.74 0.00 -7.41	3.35 0.02 -9.11	3.41 0.02 -7.34	6.65 -0.01 -6.07	9.18 0.02 -3.60	11.24 0.03 -5.05	6.15 -0.01 -7.65	3.82 -0.07 -9.04
COFFEEN__115KV_TB3 355620	26.96 0.26 0.00	16.22 0.12 -0.90	18.09 0.08 -0.68	11.70 -0.01 -1.78	9.55 0.00 -2.30	20.31 0.06 -1.12	26.76 0.27 -0.58	26.86 0.34 -0.31	25.35 0.48 -0.12	29.01 0.79 0.00	27.12 0.62 0.00	27.15 0.44 0.00	25.11 -0.14 0.00	28.43 -0.41 0.00	26.86 -1.11 0.00	5.74 -0.07 -3.09	3.63 -0.02 -3.32	-1.51 0.17 -4.09	-0.56 0.10 -3.29	3.32 0.00 -2.72	7.09 -0.10 -1.61	8.29 -0.13 -2.27	2.00 0.06 -3.43	-0.90 0.19 -4.05
COLDSPRG_115KV_BK1 355956	27.38 0.69 0.00	17.60 0.33 -2.06	19.17 0.28 -1.56	14.22 0.21 -4.06	12.66 0.15 -5.26	22.04 0.34 -2.57	27.54 0.29 -1.33	27.23 0.30 -0.72	25.14 0.11 -0.28	28.51 0.29 0.00	26.65 0.15 0.00	27.30 0.59 0.00	25.95 0.70 0.00	29.80 0.97 0.00	28.91 0.94 0.00	9.86 0.06 -7.07	7.97 0.03 -7.61	3.45 -0.13 -9.36	3.50 -0.09 -7.54	6.84 0.01 -6.23	9.47 0.21 -3.69	11.58 0.24 -5.19	6.31 -0.06 -7.86	3.91 -0.22 -9.28
COLONIE_LFGE__ 323577	27.63 0.94 0.00	24.62 0.54 -8.87	24.63 0.60 -6.71	27.77 0.35 -17.49	30.12 0.23 -22.64	30.82 0.63 -11.07	32.46 0.83 -5.70	30.12 0.80 -3.11	26.71 0.74 -1.23	28.98 0.76 0.00	27.20 0.70 0.00	27.38 0.67 0.00	25.89 0.64 0.00	29.59 0.75 0.00	28.71 0.74 0.00	33.23 0.07 -30.42	33.10 0.01 -32.76	34.35 -0.17 -40.29	28.39 -0.11 -32.46	27.44 0.02 -26.83	21.62 0.16 -15.89	28.67 0.18 -22.34	32.29 -0.04 -33.83	34.64 -0.16 -39.95
COOPERNY_115KV_TB1 80082	27.31 0.61 0.00	21.26 0.32 -5.74	22.04 0.37 -4.34	21.47 0.22 -11.31	22.07 0.17 -14.65	26.73 0.45 -7.16	30.22 0.61 -3.69	28.90 0.67 -2.01	26.16 0.63 -0.79	28.85 0.64 0.00	27.08 0.58 0.00	27.25 0.54 0.00	25.86 0.61 0.00	29.54 0.70 0.00	28.66 0.69 0.00	22.48 0.07 -19.68	21.53 0.01 -21.19	20.13 -0.16 -26.07	16.94 -0.10 -20.99	17.97 0.02 -17.35	16.00 0.15 -10.28	20.77 0.16 -14.45	20.34 -0.04 -21.88	20.56 -0.14 -25.84
COPENHAGEN_WT_PWR 323753	26.73 0.03 0.00	16.13 0.00 -0.93	17.97 -0.05 -0.70	11.66 -0.10 -1.83	9.54 -0.07 -2.37	20.16 -0.13 -1.16	26.53 0.01 -0.60	26.61 0.07 -0.32	25.11 0.25 -0.13	28.74 0.52 0.00	26.85 0.34 0.00	26.87 0.17 0.00	24.71 -0.54 0.00	27.94 -0.89 0.00	26.52 -1.45 0.00	5.79 -0.12 -3.18	3.72 -0.03 -3.42	-1.29 0.28 -4.21	-0.39 0.17 -3.39	3.38 -0.01 -2.80	7.05 -0.18 -1.66	8.27 -0.22 -2.33	2.13 0.09 -3.53	-0.71 0.27 -4.17
CORNELL____ 23752	27.13 0.43 0.00	17.80 0.23 -2.37	19.37 0.26 -1.80	14.78 0.16 -4.68	13.44 0.13 -6.06	22.42 0.33 -2.96	27.95 0.50 -1.53	27.60 0.55 -0.83	25.57 0.51 -0.33	28.88 0.67 0.00	27.15 0.65 0.00	27.43 0.73 0.00	25.95 0.70 0.00	29.53 0.70 0.00	28.72 0.74 0.00	10.94 0.07 -8.14	9.11 0.02 -8.76	4.86 -0.14 -10.78	4.64 -0.09 -8.68	7.79 0.01 -7.18	9.97 0.15 -4.25	12.29 0.16 -5.98	7.52 -0.04 -9.05	5.42 -0.12 -10.69
CORONAAV_69_KV_TB1 355595	28.26 1.56 0.00	23.34 0.86 -7.28	23.81 0.98 -5.51	24.82 0.54 -14.34	26.23 0.41 -18.57	29.21 1.00 -9.08	32.01 1.41 -4.68	30.30 1.54 -2.55	27.26 1.51 -1.01	29.88 1.67 0.00	36.43 1.75 -8.17	39.30 1.75 -10.84	41.10 1.84 -14.01	42.68 2.08 -11.77	42.91 2.02 -12.91	44.03 0.20 -41.10	27.22 0.02 -26.87	26.86 -0.41 -33.05	22.41 -0.26 -26.62	22.64 0.04 -22.00	18.99 0.38 -13.03	24.90 0.42 -18.32	26.14 -0.11 -27.74	27.28 -0.34 -32.76
CORTLAND_115KV_TB3 80093	26.91 0.21 0.00	17.35 0.11 -2.04	18.99 0.13 -1.54	14.04 0.09 -4.02	12.52 0.07 -5.20	21.84 0.17 -2.54	27.50 0.27 -1.31	27.23 0.31 -0.71	25.29 0.27 -0.28	28.58 0.36 0.00	26.86 0.36 0.00	27.12 0.42 0.00	25.68 0.43 0.00	29.29 0.46 0.00	28.42 0.44 0.00	9.76 0.04 -6.99	7.87 0.01 -7.53	3.40 -0.08 -9.26	3.46 -0.05 -7.45	6.77 0.01 -6.16	9.31 0.09 -3.65	11.38 0.09 -5.13	6.26 -0.02 -7.77	3.97 -0.07 -9.18

COXSACKIE___GT 23611	28.72 2.03 0.00	24.75 1.21 -8.34	24.95 1.32 -6.31	27.13 0.75 -16.44	29.06 0.53 -21.28	30.94 1.41 -10.40	33.28 2.00 -5.36	31.14 2.01 -2.92	27.80 1.90 -1.15	30.10 1.88 0.00	28.61 2.11 0.00	28.50 1.80 0.00	26.87 1.62 0.00	30.97 2.14 0.00	29.83 1.85 0.00	31.53 0.20 -28.60	31.14 0.02 -30.79	31.60 -0.50 -37.87	26.21 -0.35 -30.51	25.87 0.05 -25.22	20.99 0.48 -14.94	27.68 0.53 -21.00	30.19 -0.12 -31.80	31.97 -0.43 -37.55
CPV_VALLEY___CC1 323721	27.36 0.66 0.00	21.98 0.35 -6.43	22.58 0.40 -4.86	22.84 0.23 -12.67	23.83 0.18 -16.40	27.63 0.48 -8.02	30.70 0.65 -4.13	29.18 0.72 -2.25	26.30 0.67 -0.89	28.87 0.66 0.00	27.11 0.60 0.00	27.25 0.55 0.00	25.89 0.64 0.00	29.57 0.74 0.00	28.70 0.73 0.00	24.84 0.07 -22.03	24.06 0.01 -23.73	23.24 -0.17 -29.18	19.44 0.02 -23.51	20.04 0.02 -19.43	17.24 0.16 -11.51	22.51 0.17 -16.18	22.96 -0.05 -24.50	23.64 -0.15 -28.93
CPV_VALLEY___CC2 323722	27.36 0.66 0.00	21.98 0.35 -6.43	22.58 0.40 -4.86	22.84 0.23 -12.67	23.83 0.18 -16.40	27.63 0.48 -8.02	30.70 0.65 -4.13	29.18 0.72 -2.25	26.30 0.67 -0.89	28.87 0.66 0.00	27.11 0.60 0.00	27.25 0.55 0.00	25.89 0.64 0.00	29.57 0.74 0.00	28.70 0.73 0.00	24.84 0.07 -22.03	24.06 0.01 -23.73	23.24 -0.17 -29.18	19.44 0.02 -23.51	20.04 0.02 -19.43	17.24 0.16 -11.51	22.51 0.17 -16.18	22.96 -0.05 -24.50	23.64 -0.15 -28.93
CRESCENT___HYD 24018	27.63 0.94 0.00	24.62 0.54 -8.87	24.63 0.60 -6.71	27.77 0.35 -17.49	30.12 0.23 -22.64	30.82 0.63 -11.07	32.46 0.83 -5.70	30.12 0.80 -3.11	26.71 0.74 -1.23	28.98 0.76 0.00	27.20 0.70 0.00	27.38 0.67 0.00	25.89 0.64 0.00	29.59 0.75 0.00	28.71 0.74 0.00	33.23 0.07 -30.42	33.10 0.01 -32.76	34.35 -0.17 -40.29	28.39 -0.11 -32.46	27.44 0.02 -26.83	21.62 0.16 -15.89	28.67 0.18 -22.34	32.29 -0.04 -33.83	34.64 -0.16 -39.95
CRICKET___VALLEY_CC1 323756	27.63 0.93 0.00	23.38 0.54 -7.63	23.69 0.60 -5.77	25.32 0.35 -15.03	26.98 0.26 -19.47	29.33 0.69 -9.51	31.74 0.92 -4.90	29.77 0.89 -2.67	26.62 0.82 -1.06	29.09 0.87 0.00	27.31 0.80 0.00	27.44 0.74 0.00	26.06 0.82 0.00	29.76 0.92 0.00	28.84 0.87 0.00	28.97 0.09 -26.16	28.50 0.01 -28.16	28.67 -0.20 -34.64	23.82 -0.14 -27.90	23.68 0.02 -23.07	19.42 0.19 -13.66	25.57 0.21 -19.21	27.54 -0.05 -29.08	29.03 -0.17 -34.35
CRICKET___VALLEY_CC2 323757	27.63 0.93 0.00	23.38 0.54 -7.63	23.69 0.60 -5.77	25.32 0.35 -15.03	26.98 0.26 -19.47	29.33 0.69 -9.51	31.74 0.92 -4.90	29.77 0.89 -2.67	26.62 0.82 -1.06	29.09 0.87 0.00	27.31 0.80 0.00	27.44 0.74 0.00	26.06 0.82 0.00	29.76 0.92 0.00	28.84 0.87 0.00	28.97 0.09 -26.16	28.50 0.01 -28.16	28.67 -0.20 -34.64	23.82 -0.14 -27.90	23.68 0.02 -23.07	19.42 0.19 -13.66	25.57 0.21 -19.21	27.54 -0.05 -29.08	29.03 -0.17 -34.35
CRICKET___VALLEY_CC3 323758	27.63 0.93 0.00	23.38 0.54 -7.63	23.69 0.60 -5.77	25.32 0.35 -15.03	26.98 0.26 -19.47	29.33 0.69 -9.51	31.74 0.92 -4.90	29.77 0.89 -2.67	26.62 0.82 -1.06	29.09 0.87 0.00	27.31 0.80 0.00	27.44 0.74 0.00	26.06 0.82 0.00	29.76 0.92 0.00	28.84 0.87 0.00	28.97 0.09 -26.16	28.50 0.01 -28.16	28.67 -0.20 -34.64	23.82 -0.14 -27.90	23.68 0.02 -23.07	19.42 0.19 -13.66	25.57 0.21 -19.21	27.54 -0.05 -29.08	29.03 -0.17 -34.35
CRUCIBLE_METL_DRP 24180	26.63 -0.07 0.00	16.65 -0.05 -1.49	18.39 -0.06 -1.13	12.85 -0.03 -2.94	11.04 -0.02 -3.81	20.95 -0.04 -1.86	26.83 -0.05 -0.96	26.68 -0.05 -0.52	24.88 -0.06 -0.21	28.20 -0.01 0.00	26.50 -0.01 0.00	26.77 0.06 0.00	25.33 0.08 0.00	28.93 0.09 0.00	28.06 0.09 0.00	7.85 0.00 -5.12	5.84 0.00 -5.51	0.99 -0.02 -6.78	1.50 -0.01 -5.46	5.11 0.00 -4.51	8.27 0.02 -2.67	9.93 0.02 -3.76	4.19 0.00 -5.69	1.56 -0.01 -6.72
DAHOWA___HYDRO 323763	28.19 1.49 0.00	25.06 0.86 -9.00	25.09 0.96 -6.81	28.23 0.55 -17.73	30.60 0.38 -22.96	31.39 1.04 -11.22	33.12 1.42 -5.78	30.76 1.40 -3.15	27.27 1.29 -1.24	29.61 1.39 0.00	27.76 1.25 0.00	27.98 1.28 0.00	26.43 1.18 0.00	30.23 1.39 0.00	29.32 1.34 0.00	33.71 0.13 -30.85	33.57 0.02 -33.22	34.80 -0.29 -40.86	28.78 -0.18 -32.92	27.84 0.03 -27.21	21.96 0.27 -16.12	29.11 0.30 -22.66	32.74 -0.08 -34.31	35.08 -0.29 -40.51
DANC___LFGE 323619	26.55 -0.15 0.00	16.18 -0.10 -1.07	17.98 -0.15 -0.81	11.91 -0.13 -2.11	9.89 -0.09 -2.73	20.27 -0.20 -1.33	26.44 -0.17 -0.69	26.45 -0.14 -0.37	24.87 -0.02 -0.15	28.38 0.17 0.00	26.57 0.07 0.00	26.69 -0.01 0.00	24.81 -0.44 0.00	28.17 -0.66 0.00	26.96 -1.01 0.00	6.31 -0.09 -3.66	4.26 -0.02 -3.95	-0.72 0.20 -4.86	0.08 0.12 -3.91	3.82 -0.01 -3.23	7.36 -0.13 -1.91	8.69 -0.16 -2.69	2.64 0.06 -4.07	-0.15 0.19 -4.81
DANSKAMMER___1 23586	27.93 1.24 0.00	23.21 0.68 -7.32	23.63 0.77 -5.54	24.81 0.44 -14.43	26.26 0.33 -18.68	29.14 0.88 -9.13	31.83 1.21 -4.70	30.04 1.26 -2.56	26.93 1.18 -1.01	29.47 1.25 0.00	27.66 1.16 0.00	27.80 1.10 0.00	26.42 1.18 0.00	30.17 1.34 0.00	29.29 1.31 0.00	27.96 0.13 -25.10	27.37 0.01 -27.02	27.16 -0.30 -33.24	22.62 -0.20 -26.77	22.76 0.03 -22.13	18.96 0.28 -13.11	24.88 0.30 -18.43	26.34 -0.08 -27.91	27.55 -0.25 -32.95
DANSKAMMER___2 23589	27.93 1.24 0.00	23.21 0.68 -7.32	23.63 0.77 -5.54	24.81 0.44 -14.43	26.26 0.33 -18.68	29.14 0.88 -9.13	31.83 1.21 -4.70	30.04 1.26 -2.56	26.93 1.18 -1.01	29.47 1.25 0.00	27.66 1.16 0.00	27.80 1.10 0.00	26.42 1.18 0.00	30.17 1.34 0.00	29.29 1.31 0.00	27.96 0.13 -25.10	27.37 0.01 -27.02	27.16 -0.30 -33.24	22.62 -0.20 -26.77	22.76 0.03 -22.13	18.96 0.28 -13.11	24.88 0.30 -18.43	26.34 -0.08 -27.91	27.55 -0.25 -32.95
DANSKAMMER___3 23590	27.93 1.24 0.00	23.21 0.68 -7.32	23.63 0.77 -5.54	24.81 0.44 -14.43	26.26 0.33 -18.68	29.14 0.88 -9.13	31.83 1.21 -4.70	30.04 1.26 -2.56	26.93 1.18 -1.01	29.47 1.25 0.00	27.66 1.16 0.00	27.80 1.10 0.00	26.42 1.18 0.00	30.17 1.34 0.00	29.29 1.31 0.00	27.96 0.13 -25.10	27.37 0.01 -27.02	27.16 -0.30 -33.24	22.62 -0.20 -26.77	22.76 0.03 -22.13	18.96 0.28 -13.11	24.88 0.30 -18.43	26.34 -0.08 -27.91	27.55 -0.25 -32.95
DANSKAMMER___4 23591	27.93 1.24 0.00	23.21 0.68 -7.32	23.63 0.77 -5.54	24.81 0.44 -14.43	26.26 0.33 -18.68	29.14 0.88 -9.13	31.83 1.21 -4.70	30.04 1.26 -2.56	26.93 1.18 -1.01	29.47 1.25 0.00	27.66 1.16 0.00	27.80 1.10 0.00	26.42 1.18 0.00	30.17 1.34 0.00	29.29 1.31 0.00	27.96 0.13 -25.10	27.37 0.01 -27.02	27.16 -0.30 -33.24	22.62 -0.20 -26.77	22.76 0.03 -22.13	18.96 0.28 -13.11	24.88 0.30 -18.43	26.34 -0.08 -27.91	27.55 -0.25 -32.95
DANSKAMMER___DIESEL 23592	27.93 1.24 0.00	23.21 0.68 -7.32	23.63 0.77 -5.54	24.81 0.44 -14.43	26.26 0.33 -18.68	29.14 0.88 -9.13	31.83 1.21 -4.70	30.04 1.26 -2.56	26.93 1.18 -1.01	29.47 1.25 0.00	27.66 1.15 0.00	27.80 1.10 0.00	26.42 1.18 0.00	30.17 1.34 0.00	29.28 1.31 0.00	27.96 0.13 -25.10	27.37 0.01 -27.02	27.16 -0.30 -33.24	22.62 -0.20 -26.77	22.76 0.03 -22.13	18.96 0.28 -13.11	24.88 0.30 -18.43	26.34 -0.08 -27.91	27.56 -0.25 -32.95

DARBY___SOLAR 323810	28.09 1.40 0.00	24.99 0.80 -8.98	25.02 0.90 -6.80	28.16 0.52 -17.70	30.53 0.36 -22.92	31.31 0.98 -11.20	33.02 1.32 -5.77	30.66 1.31 -3.15	27.17 1.19 -1.24	29.48 1.26 0.00	27.66 1.15 0.00	27.88 1.17 0.00	26.32 1.07 0.00	30.12 1.29 0.00	29.22 1.25 0.00	33.64 0.12 -30.79	33.50 0.02 -33.16	34.74 -0.27 -40.78	28.73 -0.17 -32.85	27.78 0.03 -27.15	21.91 0.26 -16.08	29.05 0.28 -22.61	32.67 -0.07 -34.24	35.02 -0.26 -40.43
DASHVILLE___HYD 23610	27.57 0.87 0.00	23.28 0.49 -7.58	23.63 0.57 -5.74	25.21 0.34 -14.94	26.85 0.25 -19.35	29.22 0.64 -9.46	31.66 0.87 -4.87	29.79 0.92 -2.65	26.64 0.86 -1.05	29.09 0.87 0.00	27.31 0.80 0.00	27.47 0.76 0.00	26.09 0.84 0.00	29.78 0.94 0.00	28.90 0.93 0.00	28.82 0.09 -25.99	28.33 0.01 -27.99	28.43 -0.23 -34.43	23.63 -0.15 -27.73	23.54 0.02 -22.92	19.36 0.21 -13.58	25.47 0.23 -19.09	27.35 -0.06 -28.90	28.80 -0.18 -34.13
DEERFIELD_69_KV_DEERFIELD LD 355887	29.24 2.54 0.00	23.87 1.39 -7.28	24.45 1.62 -5.51	25.17 0.89 -14.34	26.49 0.67 -18.57	29.86 1.65 -9.08	32.94 2.34 -4.68	31.22 2.46 -2.55	28.18 2.43 -1.01	30.95 2.74 0.00	29.33 2.78 -0.05	29.07 2.62 0.25	28.88 2.67 -0.96	32.75 3.09 -0.82	33.30 3.15 -2.17	39.92 0.31 -36.87	27.23 0.03 -26.87	26.59 -0.68 -33.05	22.23 -0.44 -26.62	22.67 0.07 -22.00	19.27 0.66 -13.03	25.20 0.72 -18.32	26.07 -0.18 -27.74	27.06 -0.56 -32.76
DELAWARE___LFGE 323621	27.26 0.56 0.00	19.30 0.30 -3.80	20.57 0.37 -2.88	17.65 0.22 -7.49	17.12 0.17 -9.70	24.30 0.43 -4.74	28.97 0.61 -2.44	28.21 0.67 -1.33	25.94 0.67 -0.53	28.98 0.77 0.00	27.24 0.74 0.00	27.49 0.79 0.00	26.04 0.79 0.00	29.74 0.90 0.00	28.83 0.86 0.00	15.85 0.08 -13.04	14.38 0.01 -14.04	11.32 -0.17 -17.26	9.85 -0.11 -13.91	12.11 0.01 -11.50	12.54 0.16 -6.81	15.90 0.18 -9.57	12.96 -0.04 -14.50	11.83 -0.14 -17.12
DERFIELD_115KV_TB7 355931	26.71 0.02 0.00	15.45 0.01 -0.23	17.51 0.02 -0.17	10.40 0.00 -0.45	7.84 0.00 -0.59	19.42 0.00 -0.29	26.10 0.02 -0.15	26.33 0.04 -0.08	24.82 0.05 -0.03	28.27 0.06 0.00	26.56 0.05 0.00	26.73 0.03 0.00	25.23 -0.02 0.00	28.79 -0.04 0.00	27.93 -0.05 0.00	3.52 0.00 -0.79	1.18 0.00 -0.85	-4.71 0.02 -1.05	-3.10 0.01 -0.84	1.30 0.00 -0.70	5.96 -0.02 -0.41	6.71 -0.02 -0.58	-0.61 0.00 -0.88	-4.09 0.02 -1.04
DOGLEVILLE___HYD 23807	26.73 0.03 0.00	15.45 0.01 -0.23	17.60 0.10 -0.17	10.43 0.03 -0.45	7.82 -0.02 -0.59	19.38 -0.03 -0.29	26.18 0.11 -0.15	26.52 0.23 -0.08	25.01 0.23 -0.03	28.42 0.20 0.00	26.82 0.31 0.00	26.81 0.11 0.00	25.36 0.11 0.00	29.01 0.18 0.00	28.21 0.24 0.00	3.55 0.03 -0.79	1.18 -0.01 -0.85	-4.75 -0.03 -1.05	-3.12 -0.01 -0.84	1.30 0.00 -0.70	5.99 0.01 -0.41	6.74 0.01 -0.58	-0.61 0.00 -0.88	-4.10 0.01 -1.04
DUNKIRK___115KV_TB_200 55889	26.62 -0.08 0.00	17.18 -0.04 -2.02	18.73 -0.12 -1.53	13.88 -0.03 -3.98	12.38 -0.02 -5.15	21.50 -0.14 -2.52	26.82 -0.40 -1.30	26.43 -0.49 -0.71	24.37 -0.64 -0.28	27.64 -0.58 0.00	25.83 -0.67 0.00	26.43 -0.28 0.00	25.07 -0.18 0.00	28.78 -0.05 0.00	27.98 0.01 0.00	9.63 -0.02 -6.92	7.80 0.02 -7.45	3.40 0.01 -9.16	3.43 0.01 -7.38	6.69 -0.01 -6.10	9.23 0.05 -3.61	11.29 0.06 -5.08	6.19 -0.02 -7.69	3.85 -0.09 -9.08
DUNKIRK___1 23563	26.62 -0.08 0.00	17.18 -0.04 -2.02	18.73 -0.12 -1.53	13.88 -0.03 -3.98	12.38 -0.02 -5.15	21.50 -0.14 -2.52	26.82 -0.40 -1.30	26.43 -0.49 -0.71	24.37 -0.64 -0.28	27.64 -0.58 0.00	25.83 -0.67 0.00	26.43 -0.28 0.00	25.07 -0.18 0.00	28.78 -0.05 0.00	27.98 0.01 0.00	9.63 -0.02 -6.92	7.80 0.02 -7.45	3.40 0.01 -9.16	3.43 0.01 -7.38	6.69 -0.01 -6.10	9.23 0.05 -3.61	11.29 0.06 -5.08	6.19 -0.02 -7.69	3.85 -0.09 -9.08
DUNKIRK___2 23564	26.62 -0.08 0.00	17.18 -0.04 -2.02	18.73 -0.12 -1.53	13.88 -0.03 -3.98	12.38 -0.02 -5.15	21.50 -0.14 -2.52	26.82 -0.40 -1.30	26.43 -0.49 -0.71	24.37 -0.64 -0.28	27.64 -0.58 0.00	25.83 -0.67 0.00	26.43 -0.28 0.00	25.07 -0.18 0.00	28.78 -0.05 0.00	27.98 0.01 0.00	9.63 -0.02 -6.92	7.80 0.02 -7.45	3.40 0.01 -9.16	3.43 0.01 -7.38	6.69 -0.01 -6.10	9.23 0.05 -3.61	11.29 0.06 -5.08	6.19 -0.02 -7.69	3.85 -0.09 -9.08
DUNKIRK___3 23565	26.55 -0.15 0.00	17.14 -0.08 -2.02	18.69 -0.16 -1.53	13.87 -0.05 -3.98	12.38 -0.04 -5.16	21.49 -0.16 -2.52	26.83 -0.39 -1.30	26.43 -0.49 -0.71	24.35 -0.67 -0.28	27.61 -0.61 0.00	25.81 -0.70 0.00	26.39 -0.31 0.00	25.05 -0.20 0.00	28.77 -0.07 0.00	27.96 -0.01 0.00	9.64 -0.02 -6.93	7.81 0.02 -7.47	3.44 0.03 -9.18	3.46 0.02 -7.40	6.70 -0.01 -6.12	9.22 0.03 -3.62	11.29 0.05 -5.09	6.20 -0.01 -7.71	3.88 -0.07 -9.11
DUNKIRK___4 23566	26.62 -0.08 0.00	17.16 -0.04 -1.99	18.71 -0.12 -1.51	13.83 -0.04 -3.93	12.31 -0.03 -5.09	21.49 -0.13 -2.49	26.82 -0.39 -1.28	26.40 -0.51 -0.70	24.36 -0.65 -0.28	27.65 -0.57 0.00	25.82 -0.68 0.00	26.42 -0.28 0.00	25.06 -0.19 0.00	28.77 -0.06 0.00	27.98 0.00 0.00	9.55 -0.02 -6.84	7.71 0.01 -7.37	3.30 0.01 -9.06	3.35 0.01 -7.30	6.62 -0.01 -6.03	9.19 0.04 -3.57	11.23 0.06 -5.02	6.10 -0.02 -7.61	3.74 -0.09 -8.98
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.84 1.14 0.00	23.10 0.62 -7.27	23.52 0.70 -5.51	24.68 0.40 -14.34	26.12 0.30 -18.57	29.00 0.80 -9.07	31.68 1.09 -4.67	29.90 1.15 -2.55	26.84 1.10 -1.01	29.36 1.14 0.00	27.56 1.06 0.00	27.69 0.99 0.00	26.35 1.10 0.00	30.08 1.25 0.00	29.21 1.24 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.70 1.01 0.00	22.87 0.55 -7.12	23.32 0.62 -5.39	24.33 0.36 -14.03	25.70 0.27 -18.17	28.74 0.72 -8.88	31.49 0.99 -4.58	29.77 1.07 -2.49	26.72 1.00 -0.99	29.23 1.01 0.00	27.43 0.93 0.00	27.57 0.87 0.00	26.20 0.95 0.00	29.92 1.08 0.00	29.04 1.07 0.00	27.25 0.11 -24.42	26.63 0.01 -26.29	26.31 -0.25 -32.34	21.93 -0.17 -26.05	22.15 0.02 -21.53	18.56 0.23 -12.75	24.34 0.25 -17.93	25.59 -0.07 -27.15	26.70 -0.21 -32.06
E179THST_138_KV_TB4_REV_LBMP_J 345001	27.92 1.22 0.00	23.15 0.67 -7.27	23.56 0.74 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.03 0.83 -9.07	31.72 1.12 -4.67	29.96 1.20 -2.55	26.91 1.16 -1.01	29.44 1.22 0.00	27.66 1.16 0.00	27.79 1.08 0.00	26.41 1.16 0.00	30.11 1.28 0.00	29.28 1.30 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.97 -0.30 -33.04	22.47 -0.19 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.28 -18.32	26.17 -0.08 -27.74	27.36 -0.25 -32.76
E179THST_13_KV_LOAD 356214	28.03 1.33 0.00	23.21 0.73 -7.27	23.63 0.80 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.11 0.90 -9.07	31.83 1.23 -4.67	30.06 1.31 -2.55	27.01 1.26 -1.01	29.56 1.34 0.00	27.79 1.29 0.00	27.91 1.20 0.00	26.52 1.28 0.00	30.24 1.41 0.00	29.41 1.44 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.27 -32.76

EAST HAMPTON___GT 23717	29.48 2.79 0.00	24.01 1.53 -7.28	24.60 1.78 -5.51	25.26 0.98 -14.34	26.55 0.73 -18.57	30.04 1.83 -9.08	33.18 2.59 -4.68	31.48 2.72 -2.55	28.43 2.68 -1.01	31.25 3.03 0.00	29.59 3.04 -0.05	29.34 2.89 0.25	29.13 2.91 -0.96	33.04 3.38 -0.82	33.59 3.44 -2.17	39.96 0.35 -36.87	27.24 0.04 -26.87	26.53 -0.75 -33.05	22.19 -0.48 -26.62	22.67 0.07 -22.00	19.33 0.73 -13.03	25.27 0.80 -18.32	26.05 -0.20 -27.74	27.00 -0.61 -32.76
EAST RIVER___6 23660	27.91 1.21 0.00	23.14 0.66 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.87 1.13 -1.01	29.40 1.19 0.00	27.58 1.08 0.00	27.72 1.01 0.00	26.40 1.15 0.00	30.12 1.28 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
EAST RIVER___7 23524	27.91 1.21 0.00	23.14 0.66 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.87 1.13 -1.01	29.40 1.19 0.00	27.58 1.08 0.00	27.72 1.01 0.00	26.40 1.15 0.00	30.12 1.28 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.80 1.11 0.00	23.07 0.60 -7.26	23.49 0.67 -5.50	24.64 0.39 -14.32	26.08 0.30 -18.54	28.96 0.77 -9.06	31.65 1.06 -4.67	29.88 1.12 -2.54	26.82 1.07 -1.00	29.33 1.11 0.00	27.53 1.02 0.00	27.65 0.95 0.00	26.32 1.07 0.00	30.04 1.21 0.00	29.16 1.18 0.00	27.75 0.12 -24.90	27.15 0.01 -26.81	26.94 -0.27 -32.98	22.44 -0.17 -26.57	22.58 0.03 -21.96	18.82 0.24 -13.01	24.70 0.26 -18.29	26.13 -0.07 -27.69	27.33 -0.23 -32.70
EAST_HAMPTON___DIESEL 23722	29.48 2.79 0.00	24.01 1.53 -7.28	24.61 1.78 -5.51	25.26 0.98 -14.34	26.55 0.73 -18.57	30.04 1.83 -9.08	33.18 2.59 -4.68	31.49 2.73 -2.55	28.43 2.68 -1.01	31.25 3.03 0.00	29.59 3.04 -0.05	29.34 2.89 0.25	29.13 2.92 -0.96	33.04 3.39 -0.82	33.60 3.45 -2.17	39.96 0.35 -36.87	27.24 0.04 -26.87	26.53 -0.75 -33.05	22.19 -0.48 -26.62	22.67 0.07 -22.00	19.33 0.73 -13.03	25.27 0.80 -18.32	26.05 -0.20 -27.74	27.00 -0.61 -32.76
EAST_PULASKI___ESR 323781	26.41 -0.29 0.00	16.23 -0.17 -1.20	18.02 -0.21 -0.91	12.17 -0.14 -2.37	10.22 -0.10 -3.07	20.40 -0.23 -1.50	26.40 -0.30 -0.77	26.36 -0.27 -0.42	24.69 -0.22 -0.17	28.09 -0.12 0.00	26.36 -0.15 0.00	26.57 -0.13 0.00	24.97 -0.28 0.00	28.45 -0.38 0.00	27.44 -0.53 0.00	6.80 -0.05 -4.12	4.75 -0.01 -4.44	-0.21 0.11 -5.46	0.52 0.07 -4.40	4.22 -0.01 -3.63	7.65 -0.07 -2.15	9.09 -0.08 -3.03	3.12 0.03 -4.58	0.36 0.10 -5.41
EAST_RIVER___1 323558	27.88 1.19 0.00	23.12 0.64 -7.27	23.55 0.72 -5.51	24.69 0.42 -14.34	26.13 0.31 -18.57	29.01 0.81 -9.07	31.69 1.10 -4.67	29.91 1.15 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.57 1.07 0.00	27.70 0.99 0.00	26.39 1.14 0.00	30.09 1.26 0.00	29.21 1.24 0.00	27.80 0.12 -24.95	27.19 0.01 -26.86	26.99 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
EAST_RIVER___2 323559	27.91 1.21 0.00	23.14 0.66 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.87 1.13 -1.01	29.40 1.19 0.00	27.58 1.08 0.00	27.72 1.01 0.00	26.40 1.15 0.00	30.12 1.28 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
EAST___DELAWARE_HYD 23607	27.40 0.70 0.00	22.26 0.35 -6.71	22.79 0.40 -5.08	23.39 0.24 -13.22	24.56 0.19 -17.12	27.98 0.49 -8.37	30.93 0.70 -4.31	29.37 0.81 -2.35	26.41 0.74 -0.93	28.92 0.70 0.00	27.08 0.57 0.00	27.09 0.38 0.00	25.12 -0.13 0.00	28.68 -0.15 0.00	27.86 -0.11 0.00	25.73 0.00 -23.00	25.08 -0.01 -24.76	24.64 -0.04 -30.46	20.56 -0.02 -24.54	20.87 0.00 -20.28	17.77 0.18 -12.01	23.24 0.20 -16.89	24.03 -0.05 -25.57	24.90 -0.15 -30.20
EIGHT_POINT___WT_PWR 323820	26.21 -0.49 0.00	17.43 -0.07 -2.30	18.89 -0.16 -1.74	14.39 -0.07 -4.53	13.05 -0.06 -5.86	21.55 -0.45 -2.87	26.93 -0.47 -1.48	26.31 -0.71 -0.80	24.02 -1.03 -0.32	27.10 -1.11 0.00	25.21 -1.30 0.00	25.40 -1.30 0.00	24.19 -1.06 0.00	27.67 -1.17 0.00	26.95 -1.02 0.00	10.50 -0.11 -7.88	8.81 0.00 -8.48	4.89 0.23 -10.43	4.62 0.17 -8.40	7.52 -0.02 -6.95	9.58 -0.11 -4.12	11.82 -0.11 -5.78	7.30 0.04 -8.76	5.27 0.08 -10.34
ELBRIDGE_115KV_TB2 80188	26.49 -0.20 0.00	16.62 -0.12 -1.54	18.34 -0.14 -1.17	12.89 -0.08 -3.03	11.13 -0.05 -3.93	20.92 -0.13 -1.92	26.74 -0.18 -0.99	26.57 -0.18 -0.54	24.76 -0.19 -0.21	28.05 -0.16 0.00	26.35 -0.15 0.00	26.62 -0.08 0.00	25.20 -0.05 0.00	28.78 -0.05 0.00	27.93 -0.05 0.00	8.00 -0.01 -5.28	6.01 0.00 -5.68	1.23 0.01 -6.99	1.69 0.01 -5.63	5.25 0.00 -4.65	8.33 0.00 -2.76	10.02 0.00 -3.88	4.38 0.00 -5.87	1.79 0.01 -6.93
ELEC_TRO_TEK 24086	28.08 1.39 0.00	23.24 0.76 -7.28	23.70 0.87 -5.51	24.76 0.48 -14.34	26.19 0.37 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.36 -1.01	29.71 1.50 0.00	31.76 1.60 -3.66	32.89 1.59 -4.59	34.06 1.68 -7.13	36.89 1.91 -6.15	36.99 1.85 -7.17	38.93 0.18 -36.02	27.22 0.02 -26.87	26.90 -0.37 -33.05	22.43 -0.23 -26.62	22.63 0.04 -22.00	18.95 0.35 -13.03	24.86 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.31 -32.76
ELLENBURG_WT_PWR 323604	26.67 -0.03 0.00	15.54 0.03 -0.30	17.57 0.03 -0.22	10.53 0.01 -0.58	8.04 0.03 -0.76	19.58 0.08 -0.37	26.20 0.09 -0.19	26.36 0.05 -0.10	24.94 0.16 -0.04	28.62 0.41 0.00	26.91 0.40 0.00	26.78 0.08 0.00	24.80 -0.44 0.00	28.44 -0.39 0.00	27.37 -0.61 0.00	3.70 -0.05 -1.02	1.43 0.01 -1.09	-4.07 0.35 -1.35	-2.66 0.21 -1.09	1.48 -0.01 -0.90	5.54 -0.56 -0.53	6.32 -0.58 -0.75	-0.23 0.13 -1.13	-3.39 0.42 -1.34
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.43 -0.27 0.00	17.04 -0.12 -1.95	18.58 -0.22 -1.48	13.68 -0.11 -3.85	12.17 -0.07 -4.98	21.37 -0.19 -2.44	26.69 -0.49 -1.25	26.20 -0.70 -0.68	24.21 -0.80 -0.27	27.54 -0.68 0.00	25.70 -0.81 0.00	26.28 -0.42 0.00	24.86 -0.39 0.00	28.54 -0.29 0.00	27.81 -0.16 0.00	9.40 -0.03 -6.70	7.53 -0.01 -7.21	3.12 0.03 -8.87	3.22 0.03 -7.14	6.49 -0.01 -5.90	9.07 0.01 -3.50	11.08 0.01 -4.92	5.94 -0.01 -7.44	3.57 -0.07 -8.79
EMPIRE_CC_1 323656	27.29 0.59 0.00	24.02 0.33 -8.48	24.10 0.36 -6.42	26.85 0.20 -16.72	29.02 0.13 -21.64	30.05 0.34 -10.58	31.80 0.43 -5.45	29.51 0.33 -2.97	26.23 0.32 -1.17	28.50 0.28 0.00	26.87 0.36 0.00	27.03 0.33 0.00	25.57 0.32 0.00	29.17 0.34 0.00	28.31 0.34 0.00	31.84 0.03 -29.08	31.65 0.01 -31.31	32.67 -0.07 -38.51	27.02 -0.05 -31.02	26.25 0.01 -25.64	20.86 0.10 -15.19	27.61 0.11 -21.36	30.82 -0.02 -32.33	32.96 -0.07 -38.19

EMPIRE_CC_2 323658	27.29 0.59 0.00	24.02 0.33 -8.48	24.10 0.36 -6.42	26.85 0.20 -16.72	29.02 0.13 -21.64	30.05 0.34 -10.58	31.80 0.43 -5.45	29.51 0.33 -2.97	26.23 0.32 -1.17	28.50 0.28 0.00	26.87 0.36 0.00	27.03 0.33 0.00	25.57 0.32 0.00	29.17 0.34 0.00	28.31 0.34 0.00	31.84 0.03 -29.08	31.65 0.01 -31.31	32.67 -0.07 -38.51	27.02 -0.05 -31.02	26.25 0.01 -25.64	20.86 0.10 -15.19	27.61 0.11 -21.36	30.82 -0.02 -32.33	32.96 -0.07 -38.19
ENORWICH_115KV_TB1 80156	27.59 0.89 0.00	18.60 0.40 -2.99	20.11 0.53 -2.26	16.16 0.33 -5.89	15.21 0.34 -7.63	23.70 0.84 -3.73	29.14 1.29 -1.92	28.83 1.57 -1.05	26.86 1.71 -0.41	30.34 2.13 0.00	28.66 2.16 0.00	29.10 2.39 0.00	27.46 2.21 0.00	31.23 2.39 0.00	30.15 2.18 0.00	13.18 0.20 -10.25	11.40 0.04 -11.03	7.44 -0.36 -13.57	6.76 -0.22 -10.93	9.67 0.03 -9.04	11.29 0.36 -5.35	14.07 0.39 -7.52	9.81 -0.09 -11.39	8.03 -0.28 -13.45
ERIE_ST__34_KV_TB1-2 80199	26.76 0.06 0.00	17.22 0.03 -1.99	18.77 -0.05 -1.50	13.85 0.00 -3.91	12.31 -0.01 -5.07	21.60 0.00 -2.48	27.01 -0.18 -1.28	26.59 -0.31 -0.69	24.57 -0.45 -0.27	27.95 -0.26 0.00	26.10 -0.40 0.00	26.69 -0.02 0.00	25.28 0.03 0.00	29.03 0.19 0.00	28.25 0.28 0.00	9.54 0.01 -6.81	7.67 0.01 -7.33	3.22 -0.02 -9.01	3.30 -0.01 -7.26	6.59 -0.01 -6.00	9.19 0.06 -3.55	11.23 0.08 -5.00	6.05 -0.02 -7.57	3.69 -0.10 -8.94
ERIE_WT_PWR 323693	26.56 -0.13 0.00	17.12 -0.06 -1.97	18.66 -0.15 -1.49	13.76 -0.07 -3.89	12.25 -0.04 -5.04	21.46 -0.13 -2.46	26.80 -0.39 -1.27	26.34 -0.56 -0.69	24.30 -0.71 -0.27	27.63 -0.58 0.00	25.78 -0.72 0.00	26.36 -0.34 0.00	24.96 -0.29 0.00	28.65 -0.18 0.00	27.91 -0.06 0.00	9.48 -0.02 -6.77	7.61 0.00 -7.29	3.20 0.02 -8.96	3.28 0.02 -7.22	6.55 -0.01 -5.97	9.13 0.02 -3.53	11.16 0.04 -4.97	6.02 -0.02 -7.52	3.66 -0.08 -8.89
ESPRGFLD_115KV_TB1 80157	27.68 0.98 0.00	15.44 0.50 0.27	17.74 0.63 0.21	9.77 0.37 0.54	6.84 0.29 0.69	19.54 0.76 0.34	26.85 1.11 0.17	27.34 1.22 0.10	25.94 1.24 0.04	29.76 1.55 0.00	27.87 1.37 0.00	28.29 1.59 0.00	26.59 1.34 0.00	30.31 1.48 0.00	29.41 1.44 0.00	1.93 0.13 0.93	-0.65 0.03 1.01	-7.26 -0.25 1.24	-5.11 -0.16 0.99	-0.20 0.03 0.82	5.32 0.24 0.49	5.73 0.27 0.69	-2.60 -0.06 1.04	-6.57 -0.20 1.23
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.08 0.38 0.00	17.77 0.20 -2.37	19.34 0.22 -1.79	14.75 0.14 -4.67	13.42 0.11 -6.05	22.38 0.30 -2.96	27.90 0.46 -1.52	27.55 0.51 -0.83	25.53 0.47 -0.33	28.83 0.62 0.00	27.10 0.60 0.00	27.38 0.67 0.00	25.91 0.66 0.00	29.50 0.66 0.00	28.66 0.69 0.00	10.92 0.06 -8.13	9.09 0.01 -8.75	4.86 -0.13 -10.76	4.63 -0.09 -8.67	7.78 0.01 -7.17	9.95 0.14 -4.25	12.27 0.15 -5.97	7.51 -0.04 -9.04	5.41 -0.11 -10.67
ETNA_____115KV_TB2 80207	27.08 0.38 0.00	17.77 0.20 -2.37	19.34 0.22 -1.79	14.75 0.14 -4.67	13.42 0.11 -6.05	22.38 0.30 -2.96	27.90 0.46 -1.52	27.55 0.51 -0.83	25.53 0.47 -0.33	28.83 0.62 0.00	27.10 0.60 0.00	27.38 0.67 0.00	25.91 0.66 0.00	29.50 0.66 0.00	28.66 0.69 0.00	10.92 0.06 -8.13	9.09 0.01 -8.75	4.86 -0.13 -10.76	4.63 -0.09 -8.67	7.78 0.01 -7.17	9.95 0.14 -4.25	12.27 0.15 -5.97	7.51 -0.04 -9.04	5.41 -0.11 -10.67
EUCLID___115KV_TB2 356179	26.38 -0.32 0.00	16.40 -0.18 -1.38	18.14 -0.22 -1.05	12.54 -0.12 -2.72	10.69 -0.09 -3.52	20.63 -0.23 -1.72	26.50 -0.31 -0.89	26.38 -0.31 -0.48	24.61 -0.32 -0.19	27.91 -0.31 0.00	26.22 -0.29 0.00	26.48 -0.22 0.00	25.06 -0.19 0.00	28.63 -0.20 0.00	27.77 -0.20 0.00	7.44 -0.02 -4.73	5.42 0.00 -5.10	0.54 0.04 -6.27	1.13 0.03 -5.05	4.76 0.00 -4.17	8.01 -0.03 -2.47	9.59 -0.04 -3.48	3.78 0.01 -5.26	1.10 0.03 -6.21
E_CANADA_CAP_HY 24051	27.97 1.27 0.00	26.99 0.67 -11.11	26.56 0.83 -8.41	32.32 0.47 -21.91	35.96 0.34 -28.37	33.93 0.93 -13.86	34.42 1.35 -7.14	31.54 1.44 -3.89	27.67 1.40 -1.54	29.95 1.74 0.00	27.97 1.46 0.00	28.41 1.71 0.00	26.54 1.29 0.00	30.29 1.46 0.00	29.48 1.50 0.00	40.98 0.14 -38.11	41.40 0.03 -41.03	44.44 -0.26 -50.48	36.53 -0.18 -40.66	34.23 0.03 -33.61	25.72 0.25 -19.91	34.43 0.29 -27.99	40.82 -0.07 -42.38	44.68 -0.22 -50.04
E_CANADA_MHWK_HY 24050	26.73 0.03 0.00	15.45 0.01 -0.23	17.60 0.10 -0.17	10.43 0.03 -0.45	7.82 -0.02 -0.59	19.38 -0.03 -0.29	26.18 0.11 -0.15	26.52 0.23 -0.08	25.01 0.23 -0.03	28.42 0.20 0.00	26.82 0.31 0.00	26.81 0.11 0.00	25.36 0.11 0.00	29.01 0.18 0.00	28.21 0.24 0.00	3.55 0.03 -0.79	1.18 -0.01 -0.85	-4.75 -0.03 -1.05	-3.12 -0.01 -0.84	1.30 0.00 -0.70	5.99 0.01 -0.41	6.74 0.01 -0.58	-0.61 0.00 -0.88	-4.10 0.01 -1.04
E_FISHKILL___LBMP 23776	27.68 0.99 0.00	23.15 0.54 -7.40	23.53 0.61 -5.60	24.87 0.36 -14.58	26.40 0.27 -18.88	29.06 0.71 -9.23	31.63 0.95 -4.75	29.78 0.98 -2.59	26.70 0.94 -1.02	29.19 0.97 0.00	27.41 0.90 0.00	27.54 0.84 0.00	26.18 0.93 0.00	29.89 1.05 0.00	29.00 1.03 0.00	28.20 0.10 -25.36	27.65 0.01 -27.31	27.59 -0.23 -33.59	22.95 -0.15 -27.06	22.99 0.02 -22.37	19.04 0.22 -13.25	25.01 0.23 -18.63	26.65 -0.06 -28.20	27.96 -0.20 -33.30
FALCON___SEABRD_CC1 323796	26.98 0.28 0.00	15.75 0.24 -0.30	17.80 0.25 -0.23	10.66 0.13 -0.59	8.14 0.12 -0.76	19.83 0.33 -0.37	26.56 0.45 -0.19	26.69 0.38 -0.10	25.24 0.46 -0.04	28.96 0.74 0.00	27.25 0.74 0.00	27.13 0.43 0.00	25.18 -0.06 0.00	28.87 0.03 0.00	27.76 -0.21 0.00	3.74 -0.01 -1.02	1.45 0.01 -1.10	-4.14 0.28 -1.35	-2.71 0.15 -1.09	1.49 -0.01 -0.90	5.61 -0.49 -0.53	6.39 -0.51 -0.75	-0.24 0.12 -1.14	-3.46 0.35 -1.34
FALCON___SEABRD_CC2 323797	26.98 0.28 0.00	15.75 0.24 -0.30	17.80 0.25 -0.23	10.66 0.13 -0.59	8.14 0.12 -0.76	19.83 0.33 -0.37	26.56 0.45 -0.19	26.69 0.38 -0.10	25.24 0.46 -0.04	28.96 0.74 0.00	27.25 0.74 0.00	27.13 0.43 0.00	25.18 -0.06 0.00	28.87 0.03 0.00	27.76 -0.21 0.00	3.74 -0.01 -1.02	1.45 0.01 -1.10	-4.14 0.28 -1.35	-2.71 0.15 -1.09	1.49 -0.01 -0.90	5.61 -0.49 -0.53	6.39 -0.51 -0.75	-0.24 0.12 -1.14	-3.46 0.35 -1.34
FAR ROCKAWAY___4 23548	28.46 1.76 0.00	23.45 0.97 -7.28	23.93 1.10 -5.51	24.89 0.61 -14.34	26.28 0.46 -18.57	29.34 1.14 -9.08	32.21 1.62 -4.68	30.50 1.74 -2.55	27.45 1.70 -1.01	30.11 1.89 0.00	37.10 1.98 -8.62	40.23 1.98 -11.55	41.90 2.05 -14.60	43.33 2.32 -12.18	43.45 2.26 -13.22	43.82 0.22 -40.87	27.21 0.02 -26.87	26.81 -0.46 -33.05	22.37 -0.30 -26.62	22.64 0.04 -22.00	19.04 0.43 -13.03	24.95 0.47 -18.32	26.13 -0.12 -27.74	27.24 -0.38 -32.76
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.90 1.20 0.00	23.13 0.65 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.13 0.31 -18.57	29.03 0.83 -9.07	31.72 1.12 -4.67	29.94 1.18 -2.55	26.89 1.15 -1.01	29.42 1.20 0.00	27.59 1.08 0.00	27.72 1.02 0.00	26.41 1.16 0.00	30.12 1.29 0.00	29.24 1.26 0.00	27.80 0.12 -24.95	27.19 0.01 -26.86	26.98 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.92 1.22 0.00	23.14 0.66 -7.27	23.56 0.74 -5.51	24.70 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.73 1.14 -4.67	29.95 1.19 -2.55	26.90 1.15 -1.01	29.43 1.21 0.00	27.60 1.10 0.00	27.74 1.03 0.00	26.42 1.18 0.00	30.13 1.30 0.00	29.25 1.28 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.89 1.19 0.00	23.12 0.64 -7.27	23.55 0.72 -5.51	24.69 0.42 -14.34	26.13 0.31 -18.57	29.03 0.82 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.88 1.13 -1.01	29.40 1.18 0.00	27.58 1.07 0.00	27.71 1.01 0.00	26.40 1.14 0.00	30.10 1.27 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.23 -32.76
FARRAGUT___LBMP 323566	27.87 1.17 0.00	23.12 0.64 -7.27	23.54 0.71 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.01 0.81 -9.07	31.69 1.09 -4.67	29.91 1.15 -2.55	26.86 1.11 -1.01	29.38 1.16 0.00	27.55 1.05 0.00	27.69 0.99 0.00	26.37 1.13 0.00	30.08 1.24 0.00	29.20 1.23 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.27 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.26 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
FENNER___WINDPWR 24204	26.99 0.30 0.00	16.82 0.15 -1.46	18.61 0.19 -1.11	12.94 0.12 -2.89	11.08 0.09 -3.74	21.20 0.24 -1.83	27.27 0.40 -0.94	27.18 0.46 -0.51	25.35 0.41 -0.20	28.81 0.59 0.00	27.09 0.58 0.00	27.29 0.59 0.00	25.77 0.52 0.00	29.40 0.56 0.00	28.45 0.48 0.00	7.79 0.04 -5.02	5.74 0.01 -5.41	0.82 -0.06 -6.65	1.36 -0.04 -5.36	5.03 0.01 -4.43	8.26 0.07 -2.62	9.91 0.07 -3.69	4.08 -0.01 -5.58	1.41 -0.04 -6.59
FIBERTEK___ENERGY 23856	26.63 -0.07 0.00	16.65 -0.05 -1.49	18.39 -0.06 -1.13	12.85 -0.03 -2.94	11.04 -0.02 -3.81	20.95 -0.04 -1.86	26.83 -0.05 -0.96	26.68 -0.05 -0.52	24.88 -0.06 -0.21	28.20 -0.01 0.00	26.50 -0.01 0.00	26.77 0.06 0.00	25.33 0.08 0.00	28.93 0.09 0.00	28.06 0.09 0.00	7.85 0.00 -5.12	5.84 0.00 -5.51	0.99 -0.02 -6.78	1.50 -0.01 -5.46	5.11 0.00 -4.51	8.27 0.02 -2.67	9.93 0.02 -3.76	4.19 0.00 -5.69	1.56 -0.01 -6.72
FITZPATRICK____ 23598	26.04 -0.66 0.00	15.92 -0.37 -1.09	17.72 -0.43 -0.82	11.84 -0.25 -2.15	9.86 -0.17 -2.79	20.03 -0.46 -1.36	25.99 -0.63 -0.70	25.94 -0.65 -0.38	24.27 -0.63 -0.15	27.55 -0.67 0.00	25.87 -0.64 0.00	26.11 -0.59 0.00	24.70 -0.55 0.00	28.21 -0.62 0.00	27.37 -0.60 0.00	6.41 -0.06 -3.74	4.35 -0.01 -4.03	-0.69 0.13 -4.96	0.13 0.09 -3.99	3.88 -0.01 -3.30	7.41 -0.12 -1.96	8.77 -0.13 -2.75	2.70 0.03 -4.16	-0.13 0.11 -4.91
FLOWRFLD_69_KV_BK1 356044	28.53 1.83 0.00	23.48 0.99 -7.28	23.99 1.16 -5.51	24.91 0.63 -14.34	26.30 0.48 -18.57	29.36 1.15 -9.08	32.22 1.62 -4.68	30.51 1.75 -2.55	27.51 1.77 -1.01	30.19 1.98 0.00	28.68 2.10 -0.08	28.48 2.00 0.22	28.34 2.08 -1.01	32.10 2.41 -0.86	32.61 2.44 -2.21	39.84 0.24 -36.87	27.23 0.02 -26.87	26.78 -0.50 -33.05	22.35 -0.31 -26.62	22.65 0.05 -22.00	19.08 0.48 -13.03	25.00 0.52 -18.32	26.12 -0.13 -27.74	27.21 -0.41 -32.76
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.98 1.29 0.00	23.25 0.71 -7.34	23.67 0.80 -5.55	24.86 0.46 -14.46	26.32 0.35 -18.72	29.20 0.92 -9.15	31.89 1.25 -4.71	30.09 1.31 -2.57	26.99 1.23 -1.02	29.53 1.31 0.00	27.72 1.21 0.00	27.86 1.16 0.00	26.48 1.23 0.00	30.23 1.40 0.00	29.35 1.37 0.00	28.02 0.14 -25.16	27.43 0.01 -27.09	27.23 -0.31 -33.32	22.68 -0.21 -26.84	22.81 0.03 -22.18	19.00 0.29 -13.14	24.94 0.31 -18.47	26.40 -0.08 -27.97	27.62 -0.26 -33.03
FORT ORANGE____ 23900	27.30 0.60 0.00	24.31 0.39 -8.72	24.32 0.40 -6.60	27.35 0.22 -17.18	29.65 0.15 -22.25	30.41 0.40 -10.87	32.07 0.54 -5.60	29.77 0.51 -3.05	26.44 0.50 -1.21	28.67 0.46 0.00	27.06 0.55 0.00	27.19 0.49 0.00	25.72 0.47 0.00	29.40 0.56 0.00	28.50 0.52 0.00	32.68 0.05 -29.90	32.53 0.01 -32.19	33.69 -0.13 -39.59	27.85 -0.09 -31.90	26.98 0.01 -26.36	21.32 0.13 -15.62	28.25 0.15 -21.95	31.72 -0.03 -33.24	33.97 -0.14 -39.26
FORT_DRUM_COGEN 23780	26.81 0.11 0.00	16.12 0.05 -0.87	17.98 0.00 -0.66	11.59 -0.06 -1.72	9.43 -0.04 -2.22	20.17 -0.04 -1.09	26.60 0.12 -0.56	26.70 0.19 -0.30	25.20 0.34 -0.12	28.84 0.63 0.00	26.97 0.46 0.00	26.98 0.28 0.00	24.90 -0.35 0.00	28.19 -0.64 0.00	26.76 -1.21 0.00	5.62 -0.10 -2.98	3.52 -0.03 -3.22	-1.60 0.22 -3.95	-0.64 0.13 -3.18	3.22 -0.01 -2.63	6.99 -0.14 -1.56	8.16 -0.18 -2.19	1.90 0.07 -3.32	-1.00 0.23 -3.92
FOX_HILLS___ESR 323835	28.06 1.36 0.00	23.22 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.36 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.08 1.32 -2.55	27.02 1.28 -1.01	29.54 1.33 0.00	27.73 1.22 0.00	27.85 1.14 0.00	26.51 1.26 0.00	30.23 1.40 0.00	29.38 1.41 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
FPL_FAR_ROCK_GT1 24212	28.46 1.76 0.00	23.46 0.97 -7.28	23.93 1.10 -5.51	24.90 0.61 -14.34	26.28 0.46 -18.57	29.34 1.14 -9.08	32.21 1.61 -4.68	30.49 1.74 -2.55	27.45 1.70 -1.01	30.11 1.89 0.00	37.10 1.98 -8.62	40.23 1.99 -11.55	41.90 2.05 -14.60	43.33 2.32 -12.18	43.44 2.25 -13.22	43.82 0.22 -40.87	27.22 0.02 -26.87	26.81 -0.46 -33.05	22.37 -0.30 -26.62	22.64 0.04 -22.00	19.04 0.43 -13.03	24.95 0.47 -18.32	26.13 -0.12 -27.74	27.24 -0.38 -32.76
FPL_FAR_ROCK_GT2 23815	28.46 1.76 0.00	23.46 0.97 -7.28	23.93 1.10 -5.51	24.90 0.61 -14.34	26.28 0.46 -18.57	29.34 1.14 -9.08	32.21 1.61 -4.68	30.49 1.74 -2.55	27.45 1.70 -1.01	30.11 1.89 0.00	37.10 1.98 -8.62	40.23 1.99 -11.55	41.90 2.05 -14.60	43.33 2.32 -12.18	43.44 2.25 -13.22	43.82 0.22 -40.87	27.22 0.02 -26.87	26.81 -0.46 -33.05	22.37 -0.30 -26.62	22.64 0.04 -22.00	19.04 0.43 -13.03	24.95 0.47 -18.32	26.13 -0.12 -27.74	27.24 -0.38 -32.76
FRANKLIN_FALL_HYD 24054	26.94 0.24 0.00	15.69 0.16 -0.33	17.73 0.16 -0.25	10.67 0.08 -0.65	8.18 0.08 -0.85	19.74 0.20 -0.41	26.47 0.34 -0.21	26.68 0.36 -0.12	25.25 0.47 -0.05	28.99 0.77 0.00	27.23 0.72 0.00	27.08 0.38 0.00	25.03 -0.22 0.00	28.68 -0.15 0.00	27.66 -0.31 0.00	3.85 -0.02 -1.14	1.56 0.01 -1.22	-4.01 0.26 -1.50	-2.60 0.14 -1.21	1.60 0.00 -1.00	5.73 -0.43 -0.59	6.52 -0.46 -0.83	-0.12 0.11 -1.26	-3.32 0.34 -1.49
FREEPORT_EQUS_GT1 23764	28.25 1.56 0.00	23.33 0.85 -7.28	23.80 0.97 -5.51	24.81 0.53 -14.34	26.22 0.40 -18.57	29.19 0.98 -9.08	31.99 1.40 -4.68	30.27 1.51 -2.55	27.25 1.50 -1.01	29.87 1.65 0.00	31.41 1.76 -3.14	32.43 1.76 -3.97	33.06 1.84 -5.98	35.98 2.10 -5.05	36.24 2.06 -6.21	40.27 0.20 -37.34	27.21 0.02 -26.87	26.86 -0.42 -33.05	22.41 -0.26 -26.62	22.64 0.04 -22.00	19.00 0.39 -13.03	24.91 0.43 -18.32	26.14 -0.11 -27.74	27.27 -0.34 -32.76







GOUDEY___8 23580	26.73 0.03 0.00	18.34 0.01 -3.12	19.71 0.03 -2.36	16.13 0.03 -6.16	15.26 0.03 -7.97	23.08 0.05 -3.90	28.04 0.11 -2.01	27.44 0.14 -1.09	25.22 0.05 -0.43	28.32 0.10 0.00	26.61 0.10 0.00	26.89 0.19 0.00	25.53 0.28 0.00	29.16 0.33 0.00	28.27 0.30 0.00	13.46 0.02 -10.71	11.88 0.02 -11.53	8.37 -0.04 -14.18	7.45 -0.03 -11.43	10.04 0.00 -9.44	11.23 0.06 -5.60	14.09 0.07 -7.87	10.40 -0.02 -11.91	8.86 -0.05 -14.06
GOWANUS_GT1_1 24077	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT1_2 24078	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT1_3 24079	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT1_4 24080	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT1_5 24084	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT1_6 24111	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT1_7 24112																								

GOWANUS_GT2_7 24120	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT2_8 24121	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT3_1 24122	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT3_2 24123	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT3_3 24124	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT3_4 24125	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT3_5 24126	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT3_6 																								

GOWANUS_GT4_6 24135	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT4_7 24136	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GOWANUS_GT4_8 24137	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GREENBSH_115KV_TB3 55895	27.07 0.37 0.00	24.22 0.25 -8.76	24.21 0.25 -6.63	27.35 0.13 -17.27	29.70 0.08 -22.37	30.29 0.23 -10.93	31.85 0.30 -5.63	29.55 0.27 -3.07	26.22 0.27 -1.21	28.43 0.22 0.00	26.82 0.31 0.00	26.97 0.27 0.00	25.52 0.28 0.00	29.14 0.31 0.00	28.27 0.29 0.00	32.81 0.03 -30.05	32.69 0.01 -32.36	33.96 -0.07 -39.80	28.06 -0.05 -32.06	27.11 0.01 -26.50	21.35 0.08 -15.70	28.31 0.09 -22.07	31.90 -0.02 -33.41	34.22 -0.09 -39.46
GREENDGE_115KV_TB5 80291	26.79 0.09 0.00	17.46 0.08 -2.18	19.02 0.05 -1.65	14.28 0.05 -4.29	12.86 0.05 -5.56	21.93 0.09 -2.72	27.48 0.15 -1.40	27.13 0.16 -0.76	25.09 0.05 -0.30	28.40 0.19 0.00	26.60 0.10 0.00	26.94 0.23 0.00	25.46 0.22 0.00	29.10 0.26 0.00	28.32 0.35 0.00	10.23 0.03 -7.47	8.39 0.01 -8.05	4.06 -0.06 -9.90	3.98 -0.04 -7.97	7.19 0.00 -6.59	9.56 0.09 -3.90	11.73 0.09 -5.49	6.80 -0.02 -8.31	4.59 -0.08 -9.81
GREENIDGE___3 23582	26.79 0.09 0.00	17.46 0.08 -2.18	19.02 0.05 -1.65	14.28 0.05 -4.29	12.86 0.05 -5.56	21.93 0.09 -2.72	27.48 0.15 -1.40	27.13 0.16 -0.76	25.09 0.05 -0.30	28.40 0.19 0.00	26.60 0.10 0.00	26.94 0.23 0.00	25.46 0.22 0.00	29.10 0.26 0.00	28.32 0.35 0.00	10.23 0.03 -7.47	8.39 0.01 -8.05	4.06 -0.06 -9.90	3.98 -0.04 -7.97	7.19 0.00 -6.59	9.56 0.09 -3.90	11.73 0.09 -5.49	6.80 -0.02 -8.31	4.59 -0.08 -9.81
GREENIDGE___4 23583	26.79 0.09 0.00	17.46 0.08 -2.18	19.02 0.05 -1.65	14.28 0.05 -4.29	12.86 0.05 -5.56	21.93 0.08 -2.72	27.48 0.15 -1.40	27.13 0.16 -0.76	25.09 0.05 -0.30	28.40 0.19 0.00	26.60 0.09 0.00	26.93 0.23 0.00	25.46 0.21 0.00	29.10 0.26 0.00	28.32 0.34 0.00	10.23 0.03 -7.47	8.39 0.01 -8.05	4.06 -0.06 -9.90	3.98 -0.04 -7.97	7.19 0.00 -6.59	9.56 0.09 -3.90	11.73 0.09 -5.49	6.80 -0.02 -8.31	4.59 -0.08 -9.81
GREENLWN_69_KV_BK 3 55738	28.19 1.49 0.00	23.29 0.81 -7.28	23.78 0.95 -5.51	24.80 0.52 -14.34	26.22 0.39 -18.57	29.14 0.94 -9.08	31.89 1.30 -4.68	30.16 1.40 -2.55	27.17 1.42 -1.01	29.81 1.60 0.00	28.46 1.80 -0.16	28.34 1.75 0.11	28.23 1.84 -1.14	31.92 2.11 -0.98	32.38 2.09 -2.32	39.78 0.20 -36.84	27.22 0.02 -26.87	26.86 -0.42 -33.05	22.41 -0.26 -26.62	22.64 0.04 -22.00	18.99 0.39 -13.03	24.90 0.43 -18.32	26.14 -0.11 -27.74	27.27 -0.34 -32.76
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.05 1.35 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.32 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.78 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
GRISSOM___SOLAR 323813	28.45 1.75 0.00	26.65 0.97 -10.48	26.39 1.14 -7.93	31.23 0.64 -20.65	34.45 0.46 -26.74	33.45 1.25 -13.07	34.42 1.77 -6.73	31.75 1.87 -3.67	27.79 1.60 -1.45	30.07 1.85 0.00	28.11 1.60 0.00	27.99 1.29 0.00	26.16 0.92 0.00	30.44 1.61 0.00	29.97 2.00 0.00	38.86 0.20 -35.93	39.05 0.04 -38.68	41.40 -0.41 -47.59	34.10 -0.28 -38.33	32.32 0.04 -31.69	24.72 0.38 -18.77	32.96 0.42 -26.39	38.36 -0.10 -39.95	41.70 -0.33 -47.18
GROVEVILLE___HYD 323602	27.98 1.29 0.00	23.25 0.71 -7.34	23.67 0.80 -5.55	24.86 0.46 -14.46	26.32 0.35 -18.72	29.20 0.92 -9.15	31.89 1.25 -4.71	30.09 1.31 -2.57	26.99 1.23 -1.02	29.53 1.31 0.00	27.72 1.21 0.00	27.86 1.16 0.00	26.48 1.23 0.00	30.23 1.40 0.00	29.35 1.37 0.00	28.02 0.14 -25.16	27.43 0.01 -27.09	27.23 0.01 -33.32	22.68 -0.21 -26.84	22.81 0.03 -22.18	19.00 0.29 -13.14	24.94 0.31 -18.47	26.40 -0.08 -27.97	27.62 -0.26 -33.03
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.63 -0.07 0.00	16.65 -0.05 -1.49	18.39 -0.06 -1.13	12.85 -0.03 -2.94	11.04 -0.02 -3.81	20.95 -0.04 -1.86	26.83 -0.05 -0.96	26.68 -0.05 -0.52	24.88 -0.06 -0.21	28.20 -0.01 0.00	26.50 -0.01 0.00	26.77 0.06 0.00	25.33 0.08 0.00	28.93 0.09 0.00	28.06 0.09 0.00	7.85 0.00 -5.12	5.84 0.00 -5.51	0.99 -0.02 -6.78	1.50 -0.01 -5.46	5.11 0.00 -4.51	8.27 0.02 -2.67	9.93 0.02 -3.76	4.19 0.00 -5.69	1.56 -0.01 -6.72
HAMLTNNY_34_KV_TB 80303	26.62 -0.08 0.00	16.70 -0.05 -1.54	18.42 -0.07 -1.17	12.95 -0.04 -3.04	11.17 -0.02 -3.94	21.01 -0.05 -1.93	26.86 -0.06 -0.99	26.70 -0.05 -0.54	24.88 -0.07 -0.21	28.21 -0.01 0.00	26.49 -0.02 0.00	26.77 0.07 0.00	25.33 0.08 0.00	28.94 0.11 0.00	28.08 0.11 0.00	8.03 0.00 -5.29	6.03 0.00 -5.70	1.22 -0.02 -7.01	1.69 -0.01 -5.65	5.27 0.00 -4.67	8.36 0.03 -2.77	10.07 0.03 -3.89	4.39 0.00 -5.89	1.79 -0.02 -6.95
HAMPSHIRE___PAPER_HYD 323593	26.57 -0.13 0.00	15.68 -0.07 -0.54	17.59 -0.13 -0.41	10.89 -0.12 -1.07	8.56 -0.07 -1.38	19.65 -0.15 -0.68	26.16 -0.11 -0.35	26.33 -0.07 -0.19	24.88 0.06 -0.07	28.51 0.30 0.00	26.69 0.19 0.00	26.54 -0.16 0.00	24.51 -0.75 0.00	27.89 -0.94 0.00	26.82 -1.15 0.00	4.51 -0.08 -1.86	2.32 -0.01 -2.00	-3.01 0.30 -2.46	-1.81 0.16 -1.98	2.23 -0.01 -1.64	6.23 -0.31 -0.97	7.16 -0.36 -1.36	0.68 0.11 -2.07	-2.38 0.33 -2.44
HARDSCRABBLE_WT_PWR 323673	26.56 -0.13 0.00	15.35 -0.08 -0.23	17.52 0.03 -0.17	10.38 -0.01 -0.45	7.78 -0.06 -0.59	19.29 -0.13 -0.29	26.09 0.02 -0.15	26.44 0.15 -0.08	24.94 0.17 -0.03	28.40 0.18 0.00	26.79 0.28 0.00	26.84 0.14 0.00	25.34 0.09 0.00	28.93 0.09 0.00	28.10 0.13 0.00	3.54 0.01 -0.79	1.18 0.00 -0.85	-4.70 0.02 -1.05	-3.09 0.02 -0.84	1.29 0.00 -0.70	5.94 -0.05 -0.41	6.68 -0.05 -0.58	-0.60 0.01 -0.88	-4.05 0.06 -1.04



HOLTSVILLE_IC_10 23699	28.60 1.91 0.00	23.53 1.04 -7.28	24.04 1.22 -5.51	24.94 0.66 -14.34	26.32 0.50 -18.57	29.41 1.21 -9.08	32.30 1.70 -4.68	30.58 1.82 -2.55	27.58 1.84 -1.01	30.27 2.05 0.00	28.75 2.16 -0.09	28.54 2.05 0.21	28.38 2.11 -1.02	32.15 2.44 -0.87	32.68 2.49 -2.22	39.85 0.25 -36.87	27.23 0.02 -26.87	26.76 -0.51 -33.05	22.35 -0.32 -26.62	22.65 0.05 -22.00	19.10 0.50 -13.03	25.02 0.54 -18.32	26.11 -0.14 -27.74	27.19 -0.42 -32.76
HOLTSVILLE_IC_2 23691	28.47 1.77 0.00	23.46 0.97 -7.28	23.97 1.14 -5.51	24.90 0.62 -14.34	26.29 0.47 -18.57	29.33 1.12 -9.08	32.18 1.59 -4.68	30.46 1.70 -2.55	27.46 1.72 -1.01	30.12 1.91 0.00	28.58 2.04 -0.04	28.36 1.92 0.26	28.18 1.99 -0.94	31.95 2.30 -0.81	32.47 2.34 -2.16	39.84 0.23 -36.87	27.22 0.02 -26.87	26.80 -0.48 -33.05	22.37 -0.30 -26.62	22.65 0.05 -22.00	19.07 0.46 -13.03	24.98 0.50 -18.32	26.12 -0.13 -27.74	27.22 -0.39 -32.76
HOLTSVILLE_IC_3 23692	28.47 1.77 0.00	23.46 0.97 -7.28	23.97 1.14 -5.51	24.90 0.62 -14.34	26.29 0.47 -18.57	29.33 1.12 -9.08	32.18 1.59 -4.68	30.46 1.70 -2.55	27.46 1.72 -1.01	30.12 1.91 0.00	28.58 2.04 -0.04	28.36 1.92 0.26	28.18 1.99 -0.94	31.95 2.30 -0.81	32.47 2.34 -2.16	39.84 0.23 -36.87	27.22 0.02 -26.87	26.80 -0.48 -33.05	22.37 -0.30 -26.62	22.65 0.05 -22.00	19.07 0.46 -13.03	24.98 0.50 -18.32	26.12 -0.13 -27.74	27.22 -0.39 -32.76
HOLTSVILLE_IC_4 23693	28.47 1.77 0.00	23.46 0.97 -7.28	23.97 1.14 -5.51	24.90 0.62 -14.34	26.29 0.47 -18.57	29.33 1.12 -9.08	32.18 1.59 -4.68	30.46 1.70 -2.55	27.46 1.72 -1.01	30.12 1.91 0.00	28.58 2.04 -0.04	28.36 1.92 0.26	28.18 1.99 -0.94	31.95 2.30 -0.81	32.47 2.34 -2.16	39.84 0.23 -36.87	27.22 0.02 -26.87	26.80 -0.48 -33.05	22.37 -0.30 -26.62	22.65 0.05 -22.00	19.07 0.46 -13.03	24.98 0.50 -18.32	26.12 -0.13 -27.74	27.22 -0.39 -32.76
HOLTSVILLE_IC_5 23694	28.47 1.77 0.00	23.46 0.97 -7.28	23.97 1.14 -5.51	24.90 0.62 -14.34	26.29 0.47 -18.57	29.33 1.12 -9.08	32.18 1.59 -4.68	30.46 1.70 -2.55	27.46 1.72 -1.01	30.12 1.91 0.00	28.58 2.04 -0.04	28.36 1.92 0.26	28.18 1.99 -0.94	31.95 2.30 -0.81	32.47 2.34 -2.16	39.84 0.23 -36.87	27.22 0.02 -26.87	26.80 -0.48 -33.05	22.37 -0.30 -26.62	22.65 0.05 -22.00	19.07 0.46 -13.03	24.98 0.50 -18.32	26.12 -0.13 -27.74	27.22 -0.39 -32.76
HOLTSVILLE_IC_6 23695	28.60 1.91 0.00	23.53 1.04 -7.28	24.04 1.22 -5.51	24.94 0.66 -14.34	26.32 0.50 -18.57	29.41 1.21 -9.08	32.30 1.70 -4.68	30.58 1.82 -2.55	27.58 1.84 -1.01	30.27 2.05 0.00	28.75 2.16 -0.09	28.54 2.05 0.21	28.38 2.11 -1.02	32.15 2.44 -0.87	32.68 2.49 -2.22	39.85 0.25 -36.87	27.23 0.02 -26.87	26.76 -0.51 -33.05	22.35 -0.32 -26.62	22.65 0.05 -22.00	19.10 0.50 -13.03	25.02 0.54 -18.32	26.11 -0.14 -27.74	27.19 -0.42 -32.76
HOLTSVILLE_IC_7 23696	28.60 1.91 0.00	23.53 1.04 -7.28	24.04 1.22 -5.51	24.94 0.66 -14.34	26.32 0.50 -18.57	29.41 1.21 -9.08	32.30 1.70 -4.68	30.58 1.82 -2.55	27.58 1.84 -1.01	30.27 2.05 0.00	28.75 2.16 -0.09	28.54 2.05 0.21	28.38 2.11 -1.02	32.15 2.44 -0.87	32.68 2.49 -2.22	39.85 0.25 -36.87	27.23 0.02 -26.87	26.76 -0.51 -33.05	22.35 -0.32 -26.62	22.65 0.05 -22.00	19.10 0.50 -13.03	25.02 0.54 -18.32	26.11 -0.14 -27.74	27.19 -0.42 -32.76
HOLTSVILLE_IC_8 23697	28.60 1.91 0.00	23.53 1.04 -7.28	24.04 1.22 -5.51	24.94 0.66 -14.34	26.32 0.50 -18.57	29.41 1.21 -9.08	32.30 1.70 -4.68	30.58 1.82 -2.55	27.58 1.84 -1.01	30.27 2.05 0.00	28.75 2.16 -0.09	28.54 2.05 0.21	28.38 2.11 -1.02	32.15 2.44 -0.87	32.68 2.49 -2.22	39.85 0.25 -36.87	27.23 0.02 -26.87	26.76 -0.51 -33.05	22.35 -0.32 -26.62	22.65 0.05 -22.00	19.10 0.50 -13.03	25.02 0.54 -18.32	26.11 -0.14 -27.74	27.19 -0.42 -32.76
HOLTSVILLE_IC_9 23698	28.60 1.91 0.00	23.53 1.04 -7.28	24.04 1.22 -5.51	24.94 0.66 -14.34	26.32 0.50 -18.57	29.41 1.21 -9.08	32.30 1.70 -4.68	30.58 1.82 -2.55	27.58 1.84 -1.01	30.27 2.05 0.00	28.75 2.16 -0.09	28.54 2.05 0.21	28.38 2.11 -1.02	32.15 2.44 -0.87	32.68 2.49 -2.22	39.85 0.25 -36.87	27.23 0.02 -26.87	26.76 -0.51 -33.05	22.35 -0.32 -26.62	22.65 0.05 -22.00	19.10 0.50 -13.03	25.02 0.54 -18.32	26.11 -0.14 -27.74	27.19 -0.42 -32.76
HOMER_HL_115KV_TB2 355744	27.09 0.40 0.00	17.43 0.14 -2.08	18.98 0.09 -1.58	14.15 0.10 -4.10	12.64 0.06 -5.32	21.94 0.21 -2.60	27.45 0.19 -1.34	27.09 0.15 -0.73	24.97 -0.05 -0.29	28.30 0.08 0.00	26.45 -0.05 0.00	27.02 0.31 0.00	25.70 0.45 0.00	29.57 0.73 0.00	28.70 0.72 0.00	9.91 0.04 -7.14	8.05 0.02 -7.69	3.63 -0.05 -9.46	3.65 -0.02 -7.62	6.89 -0.01 -6.30	9.42 0.12 -3.73	11.54 0.14 -5.25	6.41 -0.04 -7.94	4.08 -0.15 -9.38
HOWARD_WT_PWR 323690	26.24 -0.45 0.00	17.47 -0.05 -2.31	18.93 -0.14 -1.75	14.43 -0.06 -4.55	13.09 -0.05 -5.89	21.58 -0.43 -2.88	26.98 -0.43 -1.48	26.36 -0.66 -0.81	24.07 -0.99 -0.32	27.17 -1.05 0.00	25.28 -1.23 0.00	25.46 -1.25 0.00	24.22 -1.03 0.00	27.70 -1.14 0.00	26.97 -1.01 0.00	10.55 -0.11 -7.92	8.86 0.00 -8.53	4.93 0.22 -10.49	4.67 0.17 -8.45	7.56 -0.02 -6.99	9.61 -0.10 -4.14	11.86 -0.11 -5.82	7.35 0.04 -8.81	5.33 0.07 -10.40
HQ_GEN_CEDARS 23644	26.77 0.07 0.00	15.59 0.05 -0.33	17.62 0.05 -0.25	10.59 0.01 -0.65	8.11 0.03 -0.84	19.58 0.05 -0.41	26.23 0.10 -0.21	26.43 0.10 -0.11	24.95 0.17 -0.05	28.62 0.40 0.00	26.82 0.31 0.00	26.53 -0.17 0.00	24.50 -0.75 0.00	28.10 -0.74 0.00	27.25 -0.73 0.00	3.84 -0.02 -1.12	1.55 0.01 -1.21	-4.04 0.25 -1.49	-2.64 0.11 -1.20	1.59 0.00 -0.99	5.79 -0.37 -0.59	6.57 -0.41 -0.82	-0.14 0.10 -1.25	-3.36 0.31 -1.48
HQ_GEN_CEDARS_PROXY 323590	26.43 0.07 0.34	15.59 0.06 -0.33	17.62 0.05 -0.25	10.60 0.01 -0.65	8.11 0.03 -0.84	19.61 0.07 -0.41	26.22 0.09 -0.21	26.43 0.10 -0.11	24.96 0.17 -0.05	28.62 0.40 0.00	26.82 0.31 0.00	26.53 -0.17 0.00	24.50 -0.75 0.00	28.20 -0.74 -0.11	27.25 -0.73 0.00	3.84 -0.02 -1.12	1.55 0.01 -1.21	-4.04 0.25 -1.49	-2.64 0.11 -1.20	1.59 0.00 -0.99	5.78 -0.38 -0.59	6.57 -0.41 -0.82	-0.14 0.10 -1.25	-3.36 0.31 -1.48
HQ_GEN_IMPORT 323601	26.20 0.00 0.49	15.21 0.00 0.00	17.32 0.00 0.00	9.94 0.00 0.00	7.25 0.00 0.00	19.13 0.00 0.00	25.92 0.00 0.00	26.21 0.00 0.00	24.24 0.00 0.50	28.21 0.00 0.00	26.50 0.00 0.00	26.70 0.00 0.00	25.25 0.00 0.00	28.94 0.00 -0.11	27.97 0.00 0.00	2.73 0.00 0.00	0.33 0.00 0.00	-5.77 0.00 0.00	-3.95 0.00 0.00	0.60 0.00 0.00	5.57 0.00 0.00	6.15 0.00 0.00	-1.49 0.00 0.00	-5.15 0.00 0.00
HQ_GEN_WHEEL 23651	26.20 0.00 0.49	15.21 0.00 0.00	17.32 0.00 0.00	9.94 0.00 0.00	7.25 0.00 0.00	19.13 0.00 0.00	25.92 0.00 0.00	26.21 0.00 0.00	24.24 0.00 0.50	28.21 0.00 0.00	26.50 0.00 0.00	26.70 0.00 0.00	25.25 0.00 0.00	28.94 0.00 -0.11	27.97 0.00 0.00	2.73 0.00 0.00	0.33 0.00 0.00	-5.77 0.00 0.00	-3.95 0.00 0.00	0.60 0.00 0.00	5.57 0.00 0.00	6.15 0.00 0.00	-1.49 0.00 0.00	-5.15 0.00 0.00

HUDSON AVE_GT_3 23810	27.92 1.22 0.00	23.14 0.66 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.73 1.13 -4.67	29.95 1.19 -2.55	26.90 1.15 -1.01	29.43 1.21 0.00	27.60 1.10 0.00	27.74 1.04 0.00	26.42 1.18 0.00	30.13 1.30 0.00	29.26 1.28 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
HUDSON AVE_GT_4 23540	27.92 1.22 0.00	23.14 0.66 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.73 1.13 -4.67	29.95 1.19 -2.55	26.90 1.15 -1.01	29.43 1.21 0.00	27.60 1.10 0.00	27.74 1.04 0.00	26.42 1.18 0.00	30.13 1.30 0.00	29.26 1.28 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
HUDSON AVE_GT_5 23657	27.92 1.22 0.00	23.14 0.66 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.73 1.13 -4.67	29.95 1.19 -2.55	26.90 1.15 -1.01	29.43 1.21 0.00	27.60 1.10 0.00	27.74 1.04 0.00	26.42 1.18 0.00	30.13 1.30 0.00	29.26 1.28 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
HUDSON_AVE_10 24168	27.79 1.09 0.00	23.07 0.59 -7.27	23.49 0.66 -5.51	24.66 0.38 -14.34	26.10 0.28 -18.57	28.95 0.75 -9.07	31.61 1.02 -4.67	29.83 1.07 -2.55	26.79 1.04 -1.01	29.29 1.08 0.00	27.48 0.97 0.00	27.60 0.89 0.00	26.32 1.07 0.00	29.99 1.15 0.00	29.11 1.14 0.00	27.79 0.11 -24.95	27.19 0.01 -26.86	27.01 -0.25 -33.04	22.50 -0.16 -26.61	22.62 0.02 -22.00	18.83 0.23 -13.03	24.72 0.24 -18.32	26.18 -0.07 -27.74	27.39 -0.21 -32.76
HUDSON___115KV_TB 4 355613	27.97 1.27 0.00	24.52 0.79 -8.53	24.63 0.85 -6.46	27.24 0.48 -16.82	29.35 0.33 -21.77	30.65 0.88 -10.64	32.64 1.24 -5.48	30.40 1.20 -2.99	27.09 1.17 -1.18	29.38 1.16 0.00	27.79 1.29 0.00	27.86 1.15 0.00	26.29 1.04 0.00	30.13 1.30 0.00	29.17 1.20 0.00	32.11 0.13 -29.25	31.84 0.01 -31.50	32.67 -0.30 -38.75	27.05 -0.21 -31.21	26.43 0.03 -25.80	21.14 0.29 -15.28	27.96 0.32 -21.49	30.97 -0.07 -32.53	33.00 -0.27 -38.41
HUNTER MOUNT___DRP 323613	28.15 1.46 0.00	24.44 0.90 -8.34	24.61 0.98 -6.31	26.93 0.55 -16.44	28.91 0.38 -21.28	30.54 1.01 -10.40	32.70 1.42 -5.36	30.52 1.39 -2.92	27.24 1.35 -1.15	29.57 1.35 0.00	28.00 1.50 0.00	28.04 1.34 0.00	26.45 1.20 0.00	30.35 1.52 0.00	29.36 1.38 0.00	31.47 0.15 -28.60	31.14 0.02 -30.79	31.75 -0.35 -37.87	26.31 -0.24 -30.51	25.86 0.04 -25.22	20.85 0.34 -14.94	27.52 0.37 -21.00	30.22 -0.08 -31.80	32.09 -0.31 -37.55
HUNTINGTON_RES_REC 323705	28.34 1.64 0.00	23.37 0.89 -7.28	23.87 1.04 -5.51	24.84 0.56 -14.34	26.25 0.43 -18.57	29.23 1.02 -9.08	32.03 1.43 -4.68	30.31 1.55 -2.55	27.32 1.57 -1.01	29.98 1.77 0.00	28.52 1.93 -0.09	28.35 1.86 0.20	28.21 1.94 -1.03	31.95 2.23 -0.88	32.45 2.26 -2.22	39.81 0.22 -36.86	27.22 0.02 -26.87	26.82 -0.46 -33.05	22.38 -0.28 -26.62	22.64 0.04 -22.00	19.04 0.43 -13.03	24.95 0.47 -18.32	26.13 -0.12 -27.74	27.25 -0.37 -32.76
HUNTLEY___63 23557	26.47 -0.23 0.00	17.02 -0.09 -1.91	18.58 -0.18 -1.44	13.60 -0.10 -3.76	12.07 -0.05 -4.87	21.38 -0.13 -2.38	26.69 -0.46 -1.23	26.13 -0.75 -0.67	24.21 -0.79 -0.26	27.56 -0.65 0.00	25.72 -0.78 0.00	26.34 -0.36 0.00	24.89 -0.35 0.00	28.59 -0.25 0.00	27.87 -0.11 0.00	9.25 -0.03 -6.54	7.37 -0.01 -7.05	2.91 0.02 -8.67	3.06 0.03 -6.98	6.35 -0.02 -5.77	9.00 0.01 -3.42	10.98 0.02 -4.81	5.77 -0.01 -7.27	3.37 -0.07 -8.59
HUNTLEY___64 23558	26.47 -0.23 0.00	17.02 -0.09 -1.91	18.58 -0.18 -1.44	13.60 -0.10 -3.76	12.07 -0.05 -4.87	21.38 -0.13 -2.38	26.69 -0.46 -1.23	26.13 -0.75 -0.67	24.21 -0.79 -0.26	27.56 -0.65 0.00	25.72 -0.78 0.00	26.34 -0.36 0.00	24.89 -0.35 0.00	28.59 -0.25 0.00	27.87 -0.11 0.00	9.25 -0.03 -6.54	7.37 -0.01 -7.05	2.91 0.02 -8.67	3.06 0.03 -6.98	6.35 -0.02 -5.77	9.00 0.01 -3.42	10.98 0.02 -4.81	5.77 -0.01 -7.27	3.37 -0.07 -8.59
HUNTLEY___65 23559	26.47 -0.23 0.00	17.02 -0.09 -1.91	18.58 -0.18 -1.44	13.60 -0.10 -3.76	12.07 -0.05 -4.87	21.38 -0.13 -2.38	26.69 -0.46 -1.23	26.13 -0.75 -0.67	24.21 -0.79 -0.26	27.56 -0.65 0.00	25.72 -0.78 0.00	26.34 -0.36 0.00	24.89 -0.35 0.00	28.59 -0.25 0.00	27.87 -0.11 0.00	9.25 -0.03 -6.54	7.37 -0.01 -7.05	2.91 0.02 -8.67	3.06 0.03 -6.98	6.35 -0.02 -5.77	9.00 0.01 -3.42	10.98 0.02 -4.81	5.77 -0.01 -7.27	3.37 -0.07 -8.59
HUNTLEY___66 23560	26.47 -0.23 0.00	17.02 -0.09 -1.91	18.58 -0.18 -1.44	13.60 -0.10 -3.76	12.07 -0.05 -4.87	21.38 -0.13 -2.38	26.69 -0.46 -1.23	26.13 -0.75 -0.67	24.21 -0.79 -0.26	27.56 -0.65 0.00	25.72 -0.78 0.00	26.34 -0.36 0.00	24.89 -0.35 0.00	28.59 -0.25 0.00	27.87 -0.11 0.00	9.25 -0.03 -6.54	7.37 -0.01 -7.05	2.91 0.02 -8.67	3.06 0.03 -6.98	6.35 -0.02 -5.77	9.00 0.01 -3.42	10.98 0.02 -4.81	5.77 -0.01 -7.27	3.37 -0.07 -8.59
HUNTLEY___67 23561	26.29 -0.41 0.00	16.95 -0.19 -1.93	18.48 -0.30 -1.46	13.59 -0.16 -3.81	12.08 -0.10 -4.93	21.26 -0.28 -2.41	26.53 -0.63 -1.24	26.04 -0.85 -0.68	24.08 -0.93 -0.27	27.40 -0.82 0.00	25.56 -0.95 0.00	26.15 -0.55 0.00	24.72 -0.53 0.00	28.39 -0.44 0.00	27.67 -0.30 0.00	9.32 -0.04 -6.62	7.45 -0.01 -7.13	3.05 0.05 -8.77	3.16 0.04 -7.07	6.42 -0.02 -5.84	9.01 -0.02 -3.46	11.00 -0.01 -4.86	5.87 0.00 -7.36	3.50 -0.05 -8.70
HUNTLEY___68 23562	26.29 -0.41 0.00	16.95 -0.19 -1.93	18.48 -0.30 -1.46	13.59 -0.16 -3.81	12.08 -0.10 -4.93	21.26 -0.28 -2.41	26.53 -0.63 -1.24	26.04 -0.85 -0.68	24.08 -0.93 -0.27	27.40 -0.82 0.00	25.56 -0.95 0.00	26.15 -0.55 0.00	24.72 -0.53 0.00	28.39 -0.44 0.00	27.67 -0.30 0.00	9.32 -0.04 -6.62	7.45 -0.01 -7.13	3.05 0.05 -8.77	3.16 0.04 -7.07	6.42 -0.02 -5.84	9.01 -0.02 -3.46	11.00 -0.01 -4.86	5.87 0.00 -7.36	3.50 -0.05 -8.70
HYLAND___LFGE 323620	27.50 0.80 0.00	17.77 0.51 -2.05	19.36 0.49 -1.55	14.27 0.29 -4.04	12.71 0.23 -5.23	22.25 0.56 -2.56	27.99 0.75 -1.32	27.63 0.71 -0.72	25.58 0.56 -0.28	28.98 0.77 0.00	26.64 0.14 0.00	27.26 0.56 0.00	25.86 0.61 0.00	29.59 0.76 0.00	28.82 0.85 0.00	9.84 0.08 -7.03	7.90 0.00 -7.57	3.32 -0.21 -9.31	3.41 -0.14 -7.50	6.81 0.02 -6.20	9.51 0.26 -3.67	11.64 0.33 -5.16	6.25 -0.07 -7.81	3.82 -0.26 -9.23
INDECK___CORINTH 23802	28.40 1.70 0.00	25.23 0.97 -9.04	25.28 1.11 -6.85	28.40 0.63 -17.83	30.78 0.44 -23.09	31.61 1.20 -11.28	33.37 1.64 -5.81	31.01 1.63 -3.17	27.53 1.54 -1.25	29.91 1.70 0.00	27.95 1.45 0.00	28.24 1.54 0.00	26.62 1.37 0.00	30.41 1.58 0.00	29.44 1.47 0.00	33.88 0.13 -31.02	33.75 0.02 -33.40	35.01 -0.30 -41.08	28.96 -0.18 -33.09	27.98 0.03 -27.36	22.06 0.28 -16.20	29.24 0.31 -22.78	32.91 -0.09 -34.49	35.25 -0.33 -40.73



INDECK___ILION 23567	26.77 0.07 0.00	15.48 0.04 -0.23	17.58 0.08 -0.17	10.43 0.03 -0.45	7.85 0.01 -0.59	19.45 0.03 -0.29	26.19 0.12 -0.15	26.47 0.18 -0.08	24.96 0.19 -0.03	28.41 0.20 0.00	26.74 0.24 0.00	26.85 0.14 0.00	25.35 0.10 0.00	28.97 0.14 0.00	28.14 0.16 0.00	3.54 0.02 -0.79	1.18 0.00 -0.85	-4.74 -0.02 -1.05	-3.12 -0.01 -0.84	1.30 0.00 -0.70	5.99 0.01 -0.41	6.74 0.01 -0.58	-0.61 0.00 -0.88	-4.11 0.00 -1.04
INDECK___OLEAN 23982	27.09 0.40 0.00	17.43 0.14 -2.08	18.98 0.09 -1.58	14.14 0.10 -4.10	12.64 0.07 -5.32	21.93 0.20 -2.60	27.45 0.19 -1.34	27.09 0.15 -0.73	24.97 -0.06 -0.29	28.30 0.08 0.00	26.45 -0.06 0.00	27.01 0.31 0.00	25.70 0.45 0.00	29.56 0.73 0.00	28.69 0.71 0.00	9.91 0.04 -7.14	8.05 0.02 -7.69	3.63 -0.05 -9.46	3.65 -0.02 -7.62	6.89 -0.01 -6.30	9.42 0.12 -3.73	11.54 0.14 -5.25	6.41 -0.04 -7.94	4.09 -0.15 -9.38
INDECK___OSWEGO 23783	26.18 -0.52 0.00	16.16 -0.30 -1.26	17.93 -0.35 -0.95	12.22 -0.20 -2.48	10.32 -0.14 -3.21	20.33 -0.37 -1.57	26.23 -0.50 -0.81	26.15 -0.50 -0.44	24.44 -0.48 -0.17	27.74 -0.48 0.00	26.04 -0.46 0.00	26.29 -0.42 0.00	24.83 -0.42 0.00	28.36 -0.48 0.00	27.48 -0.50 0.00	7.00 -0.05 -4.31	4.97 -0.01 -4.65	0.04 0.10 -5.72	0.72 0.07 -4.60	4.39 -0.01 -3.81	7.74 -0.09 -2.25	9.22 -0.10 -3.17	3.33 0.02 -4.80	0.61 0.09 -5.67
INDECK___YERKES 23781	26.49 -0.21 0.00	17.03 -0.09 -1.91	18.59 -0.17 -1.44	13.61 -0.09 -3.76	12.07 -0.05 -4.87	21.39 -0.12 -2.38	26.71 -0.44 -1.23	26.15 -0.73 -0.67	24.23 -0.78 -0.26	27.58 -0.63 0.00	25.74 -0.76 0.00	26.36 -0.35 0.00	24.91 -0.33 0.00	28.60 -0.23 0.00	27.88 -0.10 0.00	9.25 -0.03 -6.54	7.37 -0.01 -7.05	2.91 0.01 -8.67	3.05 0.03 -6.98	6.35 -0.01 -5.77	9.01 0.02 -3.42	10.98 0.02 -4.81	5.77 -0.01 -7.27	3.37 -0.08 -8.59
INDIAN POINT_GT_1 24139	27.73 1.03 0.00	22.97 0.55 -7.21	23.40 0.62 -5.46	24.51 0.36 -14.21	25.93 0.27 -18.40	28.85 0.73 -8.99	31.56 1.00 -4.63	29.80 1.07 -2.52	26.75 1.01 -1.00	29.25 1.03 0.00	27.45 0.94 0.00	27.59 0.88 0.00	26.24 0.99 0.00	29.96 1.13 0.00	29.08 1.11 0.00	27.56 0.11 -24.72	26.96 0.01 -26.62	26.71 -0.25 -32.75	22.26 -0.17 -26.38	22.43 0.02 -21.80	18.71 0.23 -12.91	24.56 0.25 -18.16	25.93 -0.07 -27.49	27.10 -0.21 -32.47
INDIAN POINT_GT_2 23659	27.73 1.03 0.00	22.97 0.55 -7.21	23.40 0.62 -5.46	24.51 0.36 -14.21	25.93 0.27 -18.40	28.85 0.73 -8.99	31.56 1.00 -4.63	29.80 1.07 -2.52	26.75 1.01 -1.00	29.25 1.03 0.00	27.45 0.94 0.00	27.59 0.88 0.00	26.24 0.99 0.00	29.96 1.13 0.00	29.08 1.11 0.00	27.56 0.11 -24.72	26.96 0.01 -26.62	26.71 -0.25 -32.75	22.26 -0.17 -26.38	22.43 0.02 -21.80	18.71 0.23 -12.91	24.56 0.25 -18.16	25.93 -0.07 -27.49	27.10 -0.21 -32.47
INDIAN POINT_GT_3 24019	27.73 1.03 0.00	22.97 0.55 -7.21	23.40 0.62 -5.46	24.51 0.36 -14.21	25.93 0.27 -18.40	28.85 0.73 -8.99	31.56 1.00 -4.63	29.80 1.07 -2.52	26.75 1.01 -1.00	29.25 1.03 0.00	27.45 0.94 0.00	27.59 0.88 0.00	26.24 0.99 0.00	29.96 1.13 0.00	29.08 1.11 0.00	27.56 0.11 -24.72	26.96 0.01 -26.62	26.71 -0.25 -32.75	22.26 -0.17 -26.38	22.43 0.02 -21.80	18.71 0.23 -12.91	24.56 0.25 -18.16	25.93 -0.07 -27.49	27.10 -0.21 -32.47
INDIAN POINT___2 23530	27.69 1.00 0.00	22.86 0.53 -7.12	23.31 0.60 -5.39	24.33 0.35 -14.04	25.69 0.27 -18.18	28.72 0.71 -8.88	31.48 0.98 -4.58	29.76 1.05 -2.49	26.71 0.99 -0.99	29.22 1.00 0.00	27.42 0.92 0.00	27.56 0.86 0.00	26.22 0.97 0.00	29.94 1.11 0.00	29.05 1.08 0.00	27.26 0.11 -24.42	26.63 0.01 -26.29	26.32 -0.25 -32.34	21.94 -0.16 -26.05	22.16 0.02 -21.53	18.55 0.22 -12.75	24.33 0.24 -17.93	25.59 -0.07 -27.15	26.71 -0.21 -32.07
INDIAN POINT___3 23531	27.71 1.01 0.00	22.96 0.54 -7.21	23.39 0.61 -5.46	24.51 0.35 -14.22	25.93 0.27 -18.41	28.84 0.72 -9.00	31.55 0.99 -4.63	29.79 1.05 -2.53	26.73 1.00 -1.00	29.23 1.01 0.00	27.44 0.93 0.00	27.57 0.86 0.00	26.22 0.98 0.00	29.94 1.11 0.00	29.06 1.09 0.00	27.57 0.11 -24.74	26.97 0.01 -26.63	26.74 -0.25 -32.76	22.28 -0.16 -26.39	22.43 0.02 -21.81	18.72 0.23 -12.92	24.56 0.24 -18.17	25.95 -0.07 -27.50	27.12 -0.21 -32.48
INGHAM_C_115KV_TB7 356103	26.73 0.03 0.00	15.45 0.01 -0.23	17.59 0.10 -0.17	10.43 0.03 -0.45	7.82 -0.02 -0.59	19.38 -0.03 -0.29	26.19 0.11 -0.15	26.52 0.23 -0.08	25.01 0.24 -0.03	28.42 0.20 0.00	26.82 0.31 0.00	26.81 0.11 0.00	25.36 0.11 0.00	29.01 0.18 0.00	28.21 0.24 0.00	3.55 0.03 -0.79	1.18 -0.01 -0.85	-4.75 -0.03 -1.05	-3.12 -0.01 -0.84	1.30 0.00 -0.70	5.99 0.01 -0.41	6.74 0.01 -0.58	-0.61 0.00 -0.88	-4.10 0.01 -1.04
IP CORINTH___1 23988	28.40 1.70 0.00	25.23 0.97 -9.04	25.28 1.11 -6.85	28.40 0.63 -17.83	30.78 0.44 -23.09	31.61 1.20 -11.28	33.37 1.64 -5.81	31.01 1.63 -3.17	27.53 1.54 -1.25	29.91 1.70 0.00	27.95 1.45 0.00	28.24 1.54 0.00	26.62 1.37 0.00	30.41 1.58 0.00	29.44 1.47 0.00	33.88 0.13 -31.02	33.75 0.02 -33.40	35.01 -0.30 -41.08	28.96 -0.18 -33.09	27.98 0.03 -27.36	22.06 0.28 -16.20	29.24 0.31 -22.78	32.91 -0.09 -34.49	35.25 -0.33 -40.73
IP___TICONDEROGA 23804	29.35 2.65 0.00	25.87 1.64 -9.03	25.95 1.79 -6.84	28.78 1.04 -17.80	31.06 0.75 -23.06	32.46 2.07 -11.27	34.60 2.87 -5.80	32.11 2.73 -3.16	28.50 2.51 -1.25	31.09 2.88 0.00	29.08 2.58 0.00	29.39 2.69 0.00	27.83 2.59 0.00	32.00 3.16 0.00	31.05 3.07 0.00	34.01 0.30 -30.98	33.73 0.05 -33.35	34.62 -0.63 -41.03	28.69 -0.41 -33.05	27.98 0.06 -27.32	22.36 0.61 -16.18	29.57 0.67 -22.75	32.78 -0.17 -34.44	34.90 -0.63 -40.68
ISLIP_RES_REC 323679	28.70 2.00 0.00	23.57 1.09 -7.28	24.10 1.27 -5.51	24.97 0.69 -14.34	26.34 0.52 -18.57	29.47 1.27 -9.08	32.39 1.79 -4.68	30.68 1.92 -2.55	27.68 1.94 -1.01	30.36 2.14 0.00	28.86 2.24 -0.12	28.66 2.12 0.16	28.50 2.18 -1.07	32.29 2.54 -0.91	32.81 2.58 -2.26	39.86 0.26 -36.87	27.23 0.02 -26.87	26.74 -0.53 -33.05	22.33 -0.34 -26.62	22.65 0.05 -22.00	19.12 0.52 -13.03	25.04 0.56 -18.32	26.11 -0.14 -27.74	27.18 -0.44 -32.76
JAMAICA__27_KV_LOAD 355505	27.91 1.22 0.00	23.15 0.67 -7.27	23.57 0.74 -5.51	24.69 0.42 -14.34	26.13 0.31 -18.57	29.01 0.81 -9.07	31.68 1.08 -4.67	29.89 1.13 -2.55	26.85 1.11 -1.01	29.37 1.15 0.00	27.55 1.04 0.00	27.67 0.97 0.00	26.44 1.19 0.00	30.06 1.23 0.00	29.19 1.22 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
JANIS___SOLAR 323808	27.41 0.71 0.00	18.26 0.34 -2.71	19.79 0.42 -2.05	15.54 0.26 -5.34	14.40 0.24 -6.92	23.11 0.61 -3.38	28.60 0.93 -1.74	28.24 1.08 -0.95	26.22 1.11 -0.37	29.61 1.39 0.00	27.90 1.39 0.00	28.24 1.54 0.00	26.67 1.42 0.00	30.33 1.50 0.00	29.40 1.43 0.00	12.16 0.13 -9.29	10.36 0.02 -10.00	6.27 -0.26 -12.31	5.80 -0.16 -9.91	8.82 0.02 -8.20	10.69 0.26 -4.85	13.26 0.29 -6.83	8.78 -0.06 -10.33	6.85 -0.20 -12.20

JARVIS____ 23743	26.71 0.02 0.00	15.45 0.01 -0.23	17.51 0.02 -0.17	10.40 0.01 -0.45	7.84 0.00 -0.59	19.42 0.01 -0.29	26.10 0.02 -0.15	26.33 0.04 -0.08	24.82 0.05 -0.03	28.27 0.06 0.00	26.56 0.05 0.00	26.73 0.03 0.00	25.23 -0.02 0.00	28.79 -0.04 0.00	27.93 -0.05 0.00	3.52 0.00 -0.79	1.18 0.00 -0.85	-4.71 0.02 -1.05	-3.10 0.01 -0.84	1.30 0.00 -0.70	5.96 -0.02 -0.41	6.71 -0.02 -0.58	-0.61 0.00 -0.88	-4.09 0.02 -1.04
JENNISON____1 23625	26.91 0.22 0.00	18.48 0.01 -3.26	19.85 0.06 -2.47	16.45 0.08 -6.44	15.70 0.12 -8.33	23.47 0.27 -4.07	28.51 0.49 -2.10	27.99 0.64 -1.14	26.17 0.98 -0.45	29.52 1.30 0.00	27.89 1.39 0.00	28.28 1.58 0.00	26.72 1.47 0.00	30.46 1.63 0.00	29.36 1.38 0.00	14.05 0.13 -11.19	12.41 0.03 -12.05	8.86 -0.19 -14.83	7.88 -0.11 -11.94	10.49 0.02 -9.87	11.62 0.20 -5.85	14.60 0.22 -8.22	10.90 -0.05 -12.45	9.38 -0.17 -14.70
JENNISON____2 23626	26.91 0.22 0.00	18.48 0.01 -3.26	19.85 0.06 -2.47	16.45 0.08 -6.44	15.70 0.12 -8.33	23.47 0.27 -4.07	28.51 0.49 -2.10	27.99 0.64 -1.14	26.17 0.98 -0.45	29.52 1.30 0.00	27.89 1.39 0.00	28.28 1.58 0.00	26.72 1.47 0.00	30.46 1.63 0.00	29.36 1.38 0.00	14.05 0.13 -11.19	12.41 0.03 -12.05	8.86 -0.19 -14.83	7.88 -0.11 -11.94	10.49 0.02 -9.87	11.62 0.20 -5.85	14.60 0.22 -8.22	10.90 -0.05 -12.45	9.38 -0.17 -14.70
JERICHO_RISE_WT_PWR 323719	26.60 -0.09 0.00	15.50 -0.02 -0.31	17.53 -0.03 -0.23	10.52 -0.03 -0.61	8.04 0.01 -0.78	19.52 0.01 -0.38	26.13 0.01 -0.20	26.31 -0.01 -0.11	24.88 0.10 -0.04	28.55 0.34 0.00	26.83 0.32 0.00	26.70 0.00 0.00	24.70 -0.55 0.00	28.32 -0.51 0.00	27.29 -0.68 0.00	3.73 -0.06 -1.05	1.47 0.01 -1.13	-4.02 0.36 -1.40	-2.62 0.21 -1.12	1.51 -0.01 -0.93	5.56 -0.56 -0.55	6.34 -0.59 -0.77	-0.18 0.14 -1.17	-3.34 0.43 -1.38
KATONAH____115KV_46KV_TB4 355592	27.92 1.22 0.00	23.24 0.67 -7.36	23.64 0.75 -5.57	24.88 0.43 -14.51	26.37 0.32 -18.79	29.18 0.87 -9.19	31.84 1.19 -4.73	30.04 1.25 -2.58	26.95 1.20 -1.02	29.49 1.28 0.00	27.68 1.18 0.00	27.84 1.14 0.00	26.48 1.23 0.00	30.21 1.38 0.00	29.31 1.34 0.00	28.11 0.13 -25.25	27.53 0.01 -27.19	27.37 -0.30 -33.44	22.79 -0.19 -26.94	22.89 0.03 -22.27	19.03 0.27 -13.19	24.99 0.29 -18.55	26.51 -0.08 -28.08	27.76 -0.25 -33.16
KCE_NY_1 323755	28.12 1.42 0.00	25.03 0.81 -9.02	25.06 0.91 -6.83	28.24 0.53 -17.78	30.64 0.36 -23.02	31.37 0.99 -11.25	33.06 1.34 -5.80	30.70 1.33 -3.16	27.22 1.23 -1.25	29.57 1.35 0.00	27.75 1.25 0.00	27.97 1.27 0.00	26.40 1.15 0.00	30.19 1.36 0.00	29.30 1.32 0.00	33.79 0.13 -30.93	33.65 0.02 -33.31	34.92 -0.28 -40.97	28.87 -0.18 -33.00	27.91 0.03 -27.28	22.00 0.27 -16.16	29.17 0.30 -22.72	32.83 -0.07 -34.39	35.21 -0.26 -40.62
KCE_NY_6_ESR 323823	26.56 -0.13 0.00	17.12 -0.06 -1.97	18.66 -0.15 -1.49	13.76 -0.07 -3.89	12.25 -0.04 -5.04	21.46 -0.13 -2.46	26.80 -0.39 -1.27	26.34 -0.56 -0.69	24.30 -0.71 -0.27	27.63 -0.58 0.00	25.78 -0.72 0.00	26.36 -0.34 0.00	24.96 -0.29 0.00	28.65 -0.18 0.00	27.91 -0.06 0.00	9.48 -0.02 -6.77	7.61 0.00 -7.29	3.20 0.02 -8.96	3.28 0.02 -7.22	6.55 -0.01 -5.97	9.13 0.02 -3.53	11.16 0.04 -4.97	6.02 -0.02 -7.52	3.66 -0.08 -8.89
KEDC_PORT_JEFF_GT2 24210	28.56 1.86 0.00	23.50 1.02 -7.28	24.02 1.19 -5.51	24.93 0.65 -14.34	26.31 0.49 -18.57	29.38 1.18 -9.08	32.26 1.66 -4.68	30.54 1.78 -2.55	27.54 1.79 -1.01	30.22 2.00 0.00	28.70 2.12 -0.07	28.48 2.01 0.23	28.32 2.08 -0.99	32.09 2.41 -0.85	32.62 2.45 -2.19	39.85 0.24 -36.87	27.23 0.03 -26.87	26.77 -0.50 -33.05	22.35 -0.31 -26.62	22.65 0.05 -22.00	19.09 0.48 -13.03	25.00 0.53 -18.32	26.12 -0.13 -27.74	27.20 -0.41 -32.76
KEDC_PORT_JEFF_GT3 24211	28.56 1.86 0.00	23.50 1.02 -7.28	24.02 1.19 -5.51	24.93 0.65 -14.34	26.31 0.49 -18.57	29.38 1.18 -9.08	32.26 1.66 -4.68	30.54 1.78 -2.55	27.54 1.79 -1.01	30.22 2.00 0.00	28.70 2.12 -0.07	28.48 2.01 0.23	28.32 2.08 -0.99	32.09 2.41 -0.85	32.62 2.45 -2.19	39.85 0.24 -36.87	27.23 0.03 -26.87	26.77 -0.50 -33.05	22.35 -0.31 -26.62	22.65 0.05 -22.00	19.09 0.48 -13.03	25.00 0.53 -18.32	26.12 -0.13 -27.74	27.20 -0.41 -32.76
KEDC_GLWD_GT4 24219	28.08 1.39 0.00	23.24 0.76 -7.28	23.69 0.86 -5.51	24.76 0.48 -14.34	26.18 0.36 -18.57	29.12 0.92 -9.08	31.89 1.29 -4.68	30.15 1.39 -2.55	27.10 1.35 -1.01	29.69 1.48 0.00	30.07 1.51 -2.06	30.55 1.48 -2.37	31.47 1.58 -4.65	34.73 1.78 -4.11	34.89 1.74 -5.18	37.98 0.17 -35.08	27.21 0.01 -26.87	26.91 -0.36 -33.05	22.43 -0.23 -26.62	22.64 0.03 -22.00	18.94 0.34 -13.03	24.84 0.37 -18.32	26.16 -0.10 -27.74	27.32 -0.30 -32.76
KEDC_GLWD_GT5 24220	28.08 1.39 0.00	23.24 0.76 -7.28	23.69 0.86 -5.51	24.76 0.48 -14.34	26.18 0.36 -18.57	29.12 0.92 -9.08	31.89 1.29 -4.68	30.15 1.39 -2.55	27.10 1.35 -1.01	29.69 1.48 0.00	30.07 1.51 -2.06	30.55 1.48 -2.37	31.47 1.58 -4.65	34.73 1.78 -4.11	34.89 1.74 -5.18	37.98 0.17 -35.08	27.21 0.01 -26.87	26.91 -0.36 -33.05	22.43 -0.23 -26.62	22.64 0.03 -22.00	18.94 0.34 -13.03	24.84 0.37 -18.32	26.16 -0.10 -27.74	27.32 -0.30 -32.76
KENSICO____ 23655	27.80 1.11 0.00	23.07 0.60 -7.26	23.49 0.67 -5.50	24.64 0.39 -14.32	26.08 0.30 -18.54	28.96 0.77 -9.06	31.65 1.06 -4.67	29.88 1.12 -2.54	26.82 1.07 -1.00	29.33 1.11 0.00	27.53 1.02 0.00	27.65 0.95 0.00	26.32 1.07 0.00	30.04 1.21 0.00	29.16 1.18 0.00	27.75 0.12 -24.90	27.15 0.01 -26.81	26.94 -0.27 -32.98	22.44 -0.17 -26.57	22.58 0.03 -21.96	18.82 0.24 -13.01	24.70 0.26 -18.29	26.13 -0.07 -27.69	27.33 -0.23 -32.70
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.90 1.21 0.00	22.83 0.64 -6.98	23.34 0.74 -5.28	24.12 0.43 -13.75	25.39 0.32 -17.81	28.69 0.86 -8.70	31.60 1.20 -4.48	29.97 1.31 -2.44	26.90 1.20 -0.96	29.43 1.21 0.00	27.55 1.04 0.00	27.63 0.93 0.00	26.03 0.78 0.00	29.72 0.89 0.00	28.90 0.92 0.00	26.76 0.10 -23.93	26.10 0.00 -25.76	25.65 -0.26 -31.69	21.41 -0.17 -25.53	21.72 0.02 -21.10	18.36 0.29 -12.50	24.04 0.32 -17.57	25.03 -0.08 -26.61	26.02 -0.25 -31.42
KIAC_JFK_GT1 23816	27.83 1.13 0.00	23.10 0.62 -7.27	23.51 0.69 -5.51	24.66 0.38 -14.34	26.11 0.29 -18.57	28.95 0.75 -9.07	31.59 1.00 -4.67	29.81 1.05 -2.55	26.77 1.02 -1.01	29.27 1.06 0.00	27.46 0.96 0.00	27.59 0.88 0.00	26.35 1.11 0.00	29.97 1.13 0.00	29.11 1.13 0.00	27.79 0.11 -24.95	27.19 0.00 -26.86	27.01 -0.25 -33.04	22.50 -0.16 -26.61	22.62 0.02 -22.00	18.83 0.23 -13.03	24.72 0.25 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76
KIAC_JFK_GT2 23817	27.83 1.13 0.00	23.10 0.62 -7.27	23.51 0.69 -5.51	24.66 0.38 -14.34	26.11 0.29 -18.57	28.95 0.75 -9.07	31.59 1.00 -4.67	29.81 1.05 -2.55	26.77 1.02 -1.01	29.27 1.06 0.00	27.46 0.96 0.00	27.59 0.88 0.00	26.35 1.11 0.00	29.97 1.13 0.00	29.11 1.13 0.00	27.79 0.11 -24.95	27.19 0.00 -26.86	27.01 -0.25 -33.04	22.50 -0.16 -26.61	22.62 0.02 -22.00	18.83 0.23 -13.03	24.72 0.25 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76

KIAC_JFK____ 323774	27.83 1.13 0.00	23.10 0.62 -7.27	23.52 0.69 -5.51	24.66 0.38 -14.34	26.11 0.29 -18.57	28.95 0.75 -9.07	31.59 1.00 -4.67	29.81 1.05 -2.55	26.77 1.02 -1.01	29.27 1.06 0.00	27.46 0.96 0.00	27.59 0.89 0.00	26.35 1.11 0.00	29.97 1.14 0.00	29.11 1.13 0.00	27.79 0.11 -24.95	27.19 0.00 -26.86	27.01 -0.25 -33.04	22.50 -0.16 -26.61	22.62 0.02 -22.00	18.83 0.23 -13.03	24.72 0.25 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76
KINTIGH____ 23543	26.26 -0.44 0.00	16.77 -0.21 -1.78	18.35 -0.32 -1.35	13.28 -0.17 -3.51	11.70 -0.10 -4.55	21.08 -0.27 -2.22	26.47 -0.60 -1.15	26.04 -0.80 -0.62	24.16 -0.82 -0.25	27.48 -0.73 0.00	25.68 -0.83 0.00	26.23 -0.48 0.00	24.79 -0.46 0.00	28.45 -0.38 0.00	27.70 -0.27 0.00	8.81 -0.03 -6.11	6.89 -0.02 -6.58	2.36 0.04 -8.09	2.60 0.03 -6.52	5.97 -0.02 -5.39	8.74 -0.02 -3.19	10.63 -0.01 -4.49	5.29 0.00 -6.80	2.83 -0.05 -8.02
KNTFSRNC_46_KV_46KV_LOAD 80397	27.00 0.30 0.00	15.73 0.23 -0.30	17.79 0.24 -0.23	10.65 0.12 -0.59	8.14 0.12 -0.76	19.80 0.30 -0.37	26.57 0.46 -0.19	26.72 0.40 -0.10	25.29 0.51 -0.04	29.04 0.82 0.00	27.32 0.81 0.00	27.20 0.50 0.00	25.24 -0.01 0.00	28.93 0.09 0.00	27.81 -0.17 0.00	3.75 -0.01 -1.03	1.45 0.01 -1.10	-4.15 0.27 -1.36	-2.71 0.15 -1.10	1.50 -0.01 -0.91	5.64 -0.47 -0.53	6.40 -0.50 -0.75	-0.24 0.12 -1.14	-3.45 0.35 -1.35
LACHUTE____HYDRO 323717	29.35 2.65 0.00	25.87 1.64 -9.03	25.95 1.79 -6.84	28.78 1.04 -17.80	31.06 0.75 -23.06	32.46 2.06 -11.27	34.60 2.87 -5.80	32.11 2.73 -3.16	28.50 2.51 -1.25	31.09 2.88 0.00	29.08 2.58 0.00	29.39 2.69 0.00	27.84 2.59 0.00	32.00 3.16 0.00	31.05 3.07 0.00	34.01 0.30 -30.98	33.73 0.05 -33.35	34.62 -0.63 -41.03	28.69 -0.41 -33.05	27.98 0.06 -27.32	22.36 0.61 -16.18	29.57 0.67 -22.75	32.78 -0.17 -34.44	34.90 -0.63 -40.68
LAWRNCV_115KV_TB1 80681	26.72 0.02 0.00	15.61 0.02 -0.38	17.59 -0.02 -0.29	10.66 -0.04 -0.76	8.22 -0.01 -0.98	19.57 -0.03 -0.48	26.19 0.02 -0.25	26.39 0.04 -0.13	24.92 0.13 -0.05	28.59 0.37 0.00	26.79 0.29 0.00	26.53 -0.17 0.00	24.49 -0.76 0.00	28.03 -0.80 0.00	27.11 -0.86 0.00	4.02 -0.04 -1.32	1.76 0.00 -1.42	-3.75 0.28 -1.75	-2.41 0.13 -1.41	1.76 0.00 -1.17	5.87 -0.39 -0.69	6.70 -0.43 -0.97	0.09 0.11 -1.47	-3.08 0.34 -1.73
LEDERLE____ 23769	27.79 1.09 0.00	22.81 0.58 -7.03	23.29 0.64 -5.32	24.18 0.38 -13.86	25.49 0.29 -17.95	28.69 0.78 -8.78	31.54 1.10 -4.52	29.87 1.19 -2.46	26.82 1.11 -0.97	29.34 1.13 0.00	27.54 1.03 0.00	27.67 0.97 0.00	26.32 1.08 0.00	30.08 1.25 0.00	29.19 1.22 0.00	26.97 0.12 -24.12	26.31 0.01 -25.97	25.88 -0.28 -31.94	21.60 -0.18 -25.73	21.89 0.03 -21.27	18.42 0.25 -12.60	24.14 0.28 -17.71	25.25 -0.07 -26.82	26.29 -0.24 -31.67
LIGHTHSE_115KV_TB6 355974	26.44 -0.25 0.00	16.23 -0.16 -1.18	18.02 -0.20 -0.89	12.13 -0.13 -2.33	10.17 -0.09 -3.01	20.38 -0.22 -1.47	26.41 -0.27 -0.76	26.37 -0.26 -0.41	24.72 -0.18 -0.16	28.16 -0.06 0.00	26.41 -0.10 0.00	26.60 -0.10 0.00	24.95 -0.30 0.00	28.42 -0.41 0.00	27.36 -0.61 0.00	6.72 -0.06 -4.05	4.67 -0.02 -4.36	-0.29 0.12 -5.36	0.44 0.08 -4.32	4.16 -0.01 -3.57	7.61 -0.08 -2.12	9.03 -0.10 -2.97	3.04 0.03 -4.50	0.28 0.11 -5.31
LINDEN COGEN____ 23786	27.74 1.04 0.00	23.03 0.55 -7.27	23.44 0.62 -5.51	24.63 0.36 -14.34	26.09 0.27 -18.57	28.92 0.72 -9.07	31.56 0.96 -4.67	29.77 1.01 -2.55	26.72 0.97 -1.01	29.20 0.99 0.00	27.39 0.88 0.00	27.51 0.81 0.00	26.22 0.97 0.00	29.90 1.07 0.00	29.03 1.06 0.00	27.78 0.10 -24.95	27.19 0.00 -26.86	27.02 -0.24 -33.04	22.51 -0.16 -26.61	22.62 0.02 -22.00	18.82 0.22 -13.03	24.70 0.23 -18.32	26.18 -0.06 -27.74	27.40 -0.20 -32.76
LINDHRST_69_KV_BK1 356055	28.49 1.79 0.00	23.46 0.97 -7.28	23.95 1.13 -5.51	24.89 0.61 -14.34	26.28 0.46 -18.57	29.33 1.13 -9.08	32.20 1.60 -4.68	30.47 1.71 -2.55	27.46 1.72 -1.01	30.11 1.90 0.00	29.39 2.01 -0.88	29.54 1.97 -0.87	29.63 2.05 -2.33	33.17 2.35 -1.98	33.59 2.34 -3.28	39.84 0.23 -36.88	27.22 0.02 -26.87	26.79 -0.48 -33.05	22.37 -0.30 -26.62	22.65 0.04 -22.00	19.06 0.46 -13.03	24.98 0.50 -18.32	26.13 -0.13 -27.74	27.22 -0.39 -32.76
LIPA_MISC_IPP 23656	28.57 1.88 0.00	23.51 1.03 -7.28	24.04 1.21 -5.51	24.94 0.65 -14.34	26.32 0.50 -18.57	29.39 1.18 -9.08	32.28 1.68 -4.68	30.55 1.79 -2.55	27.54 1.80 -1.01	30.23 2.01 0.00	28.67 2.11 -0.05	28.41 1.96 0.26	28.25 2.04 -0.96	32.02 2.37 -0.82	32.55 2.41 -2.17	39.84 0.24 -36.87	27.23 0.03 -26.87	26.77 -0.51 -33.05	22.35 -0.32 -26.62	22.65 0.05 -22.00	19.10 0.49 -13.03	25.02 0.54 -18.32	26.11 -0.14 -27.74	27.20 -0.42 -32.76
LISF____SOLAR 323691	28.62 1.92 0.00	23.54 1.05 -7.28	24.06 1.23 -5.51	24.95 0.67 -14.34	26.33 0.51 -18.57	29.42 1.21 -9.08	32.31 1.71 -4.68	30.59 1.83 -2.55	27.58 1.83 -1.01	30.27 2.06 0.00	28.71 2.15 -0.06	28.45 1.99 0.24	28.27 2.05 -0.97	32.05 2.38 -0.83	32.60 2.45 -2.18	39.86 0.25 -36.87	27.23 0.03 -26.87	26.76 -0.51 -33.05	22.35 -0.32 -26.62	22.65 0.05 -22.00	19.11 0.51 -13.03	25.03 0.55 -18.32	26.11 -0.14 -27.74	27.19 -0.43 -32.76
LITTLE FALLS____HYD 24013	26.73 0.03 0.00	15.45 0.01 -0.23	17.59 0.10 -0.17	10.43 0.03 -0.45	7.82 -0.02 -0.59	19.38 -0.03 -0.29	26.19 0.11 -0.15	26.52 0.23 -0.08	25.01 0.24 -0.03	28.42 0.20 0.00	26.82 0.31 0.00	26.81 0.11 0.00	25.36 0.11 0.00	29.01 0.18 0.00	28.21 0.24 0.00	3.55 0.03 -0.79	1.18 -0.01 -0.85	-4.75 -0.03 -1.05	-3.12 -0.01 -0.84	1.30 0.00 -0.70	5.99 0.01 -0.41	6.74 0.01 -0.58	-0.61 0.00 -0.88	-4.10 0.01 -1.04
LITTLRIV_115KV_TB1 356100	26.99 0.29 0.00	15.77 0.17 -0.39	17.76 0.14 -0.30	10.77 0.06 -0.78	8.32 0.07 -1.01	19.78 0.16 -0.49	26.48 0.30 -0.25	26.70 0.35 -0.14	25.22 0.43 -0.05	28.94 0.72 0.00	27.14 0.63 0.00	26.88 0.18 0.00	24.85 -0.40 0.00	28.42 -0.41 0.00	27.40 -0.58 0.00	4.08 0.00 -1.35	1.79 0.01 -1.46	-3.77 0.21 -1.79	-2.42 0.09 -1.44	1.79 0.00 -1.20	5.95 -0.33 -0.70	6.78 -0.36 -0.99	0.11 0.10 -1.50	-3.09 0.29 -1.78
LI_NEWBRDGE____DRP 323616	28.03 1.33 0.00	23.21 0.73 -7.28	23.67 0.84 -5.51	24.74 0.46 -14.34	26.17 0.35 -18.57	29.05 0.84 -9.08	31.80 1.20 -4.68	30.06 1.30 -2.55	27.05 1.30 -1.01	29.65 1.44 0.00	27.70 1.58 0.38	27.43 1.57 0.84	27.16 1.66 -0.24	30.92 1.88 -0.21	31.39 1.83 -1.59	39.80 0.17 -36.90	27.22 0.02 -26.87	26.91 -0.37 -33.05	22.44 -0.23 -26.62	22.63 0.03 -22.00	18.95 0.35 -13.03	24.85 0.38 -18.32	26.15 -0.10 -27.74	27.32 -0.30 -32.76
LOCKPORT_115KV_TB60_63_64 80432	26.33 -0.37 0.00	16.89 -0.18 -1.87	18.45 -0.28 -1.41	13.46 -0.15 -3.68	11.89 -0.12 -4.76	21.19 -0.26 -2.33	26.50 -0.62 -1.20	25.93 -0.93 -0.65	24.04 -0.96 -0.26	27.38 -0.84 0.00	25.54 -0.96 0.00	26.19 -0.52 0.00	24.73 -0.52 0.00	28.39 -0.45 0.00	27.68 -0.30 0.00	9.09 -0.04 -6.40	7.21 -0.01 -6.89	2.75 0.05 -8.47	2.92 0.04 -6.82	6.22 -0.02 -5.64	8.89 -0.03 -3.34	10.83 -0.02 -4.70	5.61 0.00 -7.11	3.21 -0.04 -8.40

LOCKPORT___CC1 323769	26.31 -0.39 0.00	16.89 -0.19 -1.87	18.44 -0.29 -1.42	13.47 -0.16 -3.69	11.92 -0.12 -4.78	21.18 -0.29 -2.34	26.49 -0.63 -1.20	25.93 -0.94 -0.66	24.03 -0.97 -0.26	27.37 -0.85 0.00	25.52 -0.98 0.00	26.15 -0.55 0.00	24.71 -0.54 0.00	28.36 -0.47 0.00	27.65 -0.32 0.00	9.12 -0.04 -6.42	7.23 -0.01 -6.91	2.79 0.05 -8.51	2.95 0.05 -6.85	6.25 -0.02 -5.67	8.90 -0.03 -3.36	10.84 -0.02 -4.72	5.65 0.00 -7.14	3.25 -0.04 -8.44
LOCKPORT___CC2 323770	26.31 -0.39 0.00	16.89 -0.19 -1.87	18.44 -0.29 -1.42	13.47 -0.16 -3.69	11.92 -0.12 -4.78	21.18 -0.29 -2.34	26.49 -0.63 -1.20	25.93 -0.94 -0.66	24.03 -0.97 -0.26	27.37 -0.85 0.00	25.52 -0.98 0.00	26.15 -0.55 0.00	24.71 -0.54 0.00	28.36 -0.47 0.00	27.65 -0.32 0.00	9.12 -0.04 -6.42	7.23 -0.01 -6.91	2.79 0.05 -8.51	2.95 0.05 -6.85	6.25 -0.02 -5.67	8.90 -0.03 -3.36	10.84 -0.02 -4.72	5.65 0.00 -7.14	3.25 -0.04 -8.44
LOCKPORT___CC3 323771	26.31 -0.39 0.00	16.89 -0.19 -1.87	18.44 -0.29 -1.42	13.47 -0.16 -3.69	11.92 -0.12 -4.78	21.18 -0.29 -2.34	26.49 -0.63 -1.20	25.93 -0.94 -0.66	24.03 -0.97 -0.26	27.37 -0.85 0.00	25.52 -0.98 0.00	26.15 -0.55 0.00	24.71 -0.54 0.00	28.36 -0.47 0.00	27.65 -0.32 0.00	9.12 -0.04 -6.42	7.23 -0.01 -6.91	2.79 0.05 -8.51	2.95 0.05 -6.85	6.25 -0.02 -5.67	8.90 -0.03 -3.36	10.84 -0.02 -4.72	5.65 0.00 -7.14	3.25 -0.04 -8.44
LONG_LAKE_PHOENIX 24014	26.30 -0.40 0.00	16.28 -0.23 -1.31	18.03 -0.27 -0.99	12.36 -0.15 -2.57	10.47 -0.10 -3.33	20.48 -0.28 -1.63	26.39 -0.37 -0.84	26.29 -0.38 -0.46	24.56 -0.36 -0.18	27.87 -0.34 0.00	26.18 -0.33 0.00	26.44 -0.26 0.00	25.02 -0.23 0.00	28.57 -0.26 0.00	27.71 -0.27 0.00	7.17 -0.03 -4.47	5.14 -0.01 -4.82	0.21 0.05 -5.93	0.86 0.04 -4.77	4.53 -0.01 -3.95	7.86 -0.04 -2.34	9.39 -0.05 -3.29	3.49 0.01 -4.97	0.77 0.04 -5.87
LOVETT___3 23632	27.67 0.97 0.00	22.77 0.51 -7.06	23.24 0.57 -5.34	24.18 0.34 -13.91	25.52 0.26 -18.01	28.63 0.69 -8.80	31.42 0.96 -4.53	29.73 1.05 -2.47	26.70 0.98 -0.97	29.20 0.98 0.00	27.40 0.89 0.00	27.53 0.83 0.00	26.19 0.94 0.00	29.92 1.09 0.00	29.04 1.07 0.00	27.03 0.10 -24.20	26.39 0.01 -26.05	26.03 -0.25 -32.05	21.71 -0.16 -25.82	21.96 0.02 -21.34	18.43 0.22 -12.64	24.16 0.24 -17.77	25.35 -0.07 -26.91	26.42 -0.21 -31.78
LOVETT___4 23642	27.67 0.97 0.00	22.77 0.51 -7.06	23.24 0.57 -5.34	24.18 0.34 -13.91	25.52 0.26 -18.01	28.63 0.69 -8.80	31.42 0.96 -4.53	29.73 1.05 -2.47	26.70 0.98 -0.97	29.20 0.98 0.00	27.40 0.89 0.00	27.53 0.83 0.00	26.19 0.94 0.00	29.92 1.09 0.00	29.04 1.07 0.00	27.03 0.10 -24.20	26.39 0.01 -26.05	26.03 -0.25 -32.05	21.71 -0.16 -25.82	21.96 0.02 -21.34	18.43 0.22 -12.64	24.16 0.24 -17.77	25.35 -0.07 -26.91	26.42 -0.21 -31.78
LOVETT___5 23593	27.67 0.97 0.00	22.77 0.51 -7.06	23.24 0.57 -5.34	24.18 0.34 -13.91	25.52 0.26 -18.01	28.63 0.69 -8.80	31.42 0.96 -4.53	29.73 1.05 -2.47	26.70 0.98 -0.97	29.20 0.98 0.00	27.40 0.89 0.00	27.53 0.83 0.00	26.19 0.94 0.00	29.92 1.09 0.00	29.04 1.07 0.00	27.03 0.10 -24.20	26.39 0.01 -26.05	26.03 -0.25 -32.05	21.71 -0.16 -25.82	21.96 0.02 -21.34	18.43 0.22 -12.64	24.16 0.24 -17.77	25.35 -0.07 -26.91	26.42 -0.21 -31.78
LOWER RAQUET___HYD 24057	26.71 0.01 0.00	15.62 0.02 -0.41	17.58 -0.05 -0.31	10.68 -0.05 -0.79	8.26 -0.02 -1.03	19.60 -0.03 -0.50	26.16 -0.02 -0.26	26.37 0.02 -0.14	24.92 0.12 -0.05	28.58 0.36 0.00	26.79 0.28 0.00	26.53 -0.17 0.00	24.48 -0.76 0.00	28.02 -0.82 0.00	27.08 -0.90 0.00	4.07 -0.04 -1.38	1.82 0.00 -1.49	-3.66 0.29 -1.83	-2.33 0.14 -1.47	1.81 -0.01 -1.22	5.90 -0.40 -0.72	6.73 -0.43 -1.02	0.16 0.11 -1.54	-2.99 0.35 -1.82
LOWER___HUDSON 24059	27.63 0.94 0.00	24.62 0.54 -8.87	24.63 0.60 -6.71	27.77 0.35 -17.49	30.12 0.23 -22.64	30.82 0.63 -11.07	32.46 0.83 -5.70	30.12 0.80 -3.11	26.71 0.74 -1.23	28.98 0.76 0.00	27.20 0.70 0.00	27.38 0.67 0.00	25.89 0.64 0.00	29.59 0.75 0.00	28.71 0.74 0.00	33.23 0.07 -30.42	33.10 0.01 -32.76	34.35 -0.17 -40.29	28.39 -0.11 -32.46	27.44 0.02 -26.83	21.62 0.16 -15.89	28.67 0.18 -22.34	32.29 -0.04 -33.83	34.64 -0.16 -39.95
LOWVILLE_115KV_TB2 356335	26.86 0.17 0.00	15.93 0.10 -0.63	17.85 0.06 -0.47	11.14 -0.03 -1.23	8.84 -0.01 -1.60	19.96 0.04 -0.78	26.55 0.22 -0.40	26.71 0.28 -0.22	25.23 0.40 -0.09	28.88 0.66 0.00	27.05 0.54 0.00	27.00 0.30 0.00	24.96 -0.29 0.00	28.28 -0.55 0.00	27.15 -0.83 0.00	4.80 -0.08 -2.14	2.62 -0.02 -2.31	-2.73 0.21 -2.84	-1.55 0.11 -2.29	2.49 0.00 -1.89	6.57 -0.12 -1.12	7.56 -0.16 -1.57	0.96 0.07 -2.39	-2.11 0.22 -2.82
LUTHERFT_115KV_GLOB_FND_222 355753	28.10 1.40 0.00	25.02 0.80 -9.02	25.05 0.90 -6.83	28.24 0.52 -17.78	30.64 0.36 -23.02	31.36 0.98 -11.25	33.04 1.32 -5.80	30.69 1.32 -3.16	27.21 1.22 -1.25	29.55 1.33 0.00	27.73 1.22 0.00	27.94 1.24 0.00	26.39 1.14 0.00	30.17 1.33 0.00	29.27 1.30 0.00	33.79 0.13 -30.93	33.65 0.02 -33.31	34.92 -0.28 -40.97	28.87 -0.18 -33.00	27.91 0.03 -27.28	21.99 0.26 -16.16	29.16 0.29 -22.72	32.83 -0.07 -34.39	35.21 -0.26 -40.62
LUTHERNY_35_KV_BK2 355980	28.12 1.42 0.00	25.03 0.81 -9.02	25.06 0.91 -6.83	28.24 0.53 -17.78	30.64 0.36 -23.02	31.37 0.99 -11.25	33.06 1.34 -5.80	30.70 1.33 -3.16	27.22 1.23 -1.25	29.57 1.35 0.00	27.75 1.25 0.00	27.97 1.27 0.00	26.40 1.15 0.00	30.19 1.36 0.00	29.30 1.33 0.00	33.79 0.13 -30.93	33.65 0.02 -33.31	34.92 -0.28 -40.97	28.87 -0.18 -33.00	27.91 0.03 -27.28	22.00 0.27 -16.16	29.17 0.30 -22.72	32.83 -0.07 -34.39	35.21 -0.26 -40.62
LWR___OSWEGATCHIE_HYD 23850	26.57 -0.13 0.00	15.67 -0.07 -0.54	17.59 -0.14 -0.41	10.88 -0.12 -1.07	8.56 -0.07 -1.38	19.64 -0.16 -0.68	26.16 -0.11 -0.35	26.33 -0.07 -0.19	24.87 0.06 -0.07	28.51 0.30 0.00	26.69 0.19 0.00	26.54 -0.16 0.00	24.51 -0.75 0.00	27.89 -0.94 0.00	26.82 -1.15 0.00	4.51 -0.08 -1.86	2.32 -0.01 -2.00	-3.01 0.30 -2.46	-1.81 0.16 -1.98	2.23 -0.01 -1.64	6.23 -0.31 -0.97	7.16 -0.36 -1.36	0.68 0.11 -2.07	-2.38 0.33 -2.44
LYONS_FALL_HYD 23570	26.97 0.27 0.00	15.94 0.15 -0.58	17.90 0.14 -0.44	11.12 0.04 -1.14	8.76 0.04 -1.47	20.00 0.15 -0.72	26.62 0.32 -0.37	26.79 0.38 -0.20	25.28 0.46 -0.08	28.89 0.68 0.00	27.10 0.59 0.00	27.13 0.42 0.00	25.30 0.06 0.00	28.75 -0.08 0.00	27.70 -0.27 0.00	4.69 -0.02 -1.98	2.45 -0.01 -2.13	-3.06 0.09 -2.62	-1.80 0.04 -2.11	2.34 0.00 -1.74	6.56 -0.04 -1.03	7.54 -0.06 -1.45	0.74 0.04 -2.20	-2.44 0.11 -2.60
MADISON___COUNTY_LFGE 323628	27.24 0.54 0.00	16.38 0.30 -0.87	18.33 0.34 -0.66	11.86 0.19 -1.72	9.63 0.15 -2.23	20.62 0.40 -1.09	27.10 0.62 -0.56	27.19 0.67 -0.31	25.52 0.66 -0.12	29.05 0.83 0.00	27.31 0.80 0.00	27.50 0.80 0.00	25.96 0.72 0.00	29.62 0.79 0.00	28.67 0.70 0.00	5.80 0.06 -3.00	3.57 0.01 -3.23	-1.91 -0.11 -3.97	-0.82 -0.07 -3.20	3.26 0.01 -2.65	7.25 0.11 -1.57	8.47 0.11 -2.20	1.82 -0.02 -3.34	-1.29 -0.07 -3.94

MALONE___115KV_TB1 356076	26.94 0.24 0.00	15.69 0.16 -0.33	17.73 0.16 -0.25	10.67 0.08 -0.65	8.18 0.08 -0.85	19.74 0.20 -0.41	26.47 0.34 -0.21	26.68 0.36 -0.12	25.25 0.47 -0.05	28.99 0.77 0.00	27.23 0.72 0.00	27.08 0.38 0.00	25.03 -0.22 0.00	28.68 -0.15 0.00	27.66 -0.31 0.00	3.85 -0.02 -1.14	1.56 0.01 -1.22	-4.01 0.26 -1.50	-2.60 0.14 -1.21	1.60 0.00 -1.00	5.73 -0.43 -0.59	6.52 -0.46 -0.83	-0.12 0.11 -1.26	-3.32 0.34 -1.49
MAPLEWOD_115KV_TB3 80458	27.42 0.72 0.00	24.46 0.43 -8.83	24.46 0.46 -6.68	27.60 0.25 -17.41	29.96 0.17 -22.54	30.61 0.46 -11.02	32.22 0.62 -5.68	29.88 0.58 -3.09	26.52 0.56 -1.22	28.77 0.56 0.00	27.11 0.60 0.00	27.29 0.58 0.00	25.80 0.55 0.00	29.48 0.64 0.00	28.60 0.63 0.00	33.08 0.06 -30.29	32.95 0.01 -32.61	34.20 -0.14 -40.11	28.27 0.02 -32.31	27.32 0.02 -26.71	21.53 0.14 -15.82	28.55 0.15 -22.24	32.15 -0.03 -33.67	34.48 -0.14 -39.77
MAPLE_RIDGE_WT_1 323574	26.50 -0.20 0.00	15.30 -0.09 -0.19	17.35 -0.11 -0.14	10.22 -0.09 -0.37	7.67 -0.06 -0.48	19.24 -0.12 -0.24	25.89 -0.16 -0.12	26.10 -0.18 -0.07	24.65 -0.11 -0.03	28.18 -0.03 0.00	26.44 -0.07 0.00	26.43 -0.28 0.00	24.59 -0.66 0.00	28.07 -0.77 0.00	27.22 -0.76 0.00	3.31 -0.06 -0.64	1.02 0.00 -0.69	-4.69 0.23 -0.85	-3.14 0.12 -0.69	1.16 -0.01 -0.57	5.67 -0.24 -0.34	6.37 -0.25 -0.47	-0.70 0.07 -0.71	-4.08 0.23 -0.85
MAPLE_RIDGE_WT_2 323611	26.50 -0.20 0.00	15.30 -0.09 -0.19	17.35 -0.11 -0.14	10.22 -0.09 -0.37	7.67 -0.06 -0.48	19.24 -0.12 -0.24	25.89 -0.16 -0.12	26.10 -0.18 -0.07	24.65 -0.11 -0.03	28.18 -0.03 0.00	26.44 -0.07 0.00	26.43 -0.28 0.00	24.59 -0.66 0.00	28.07 -0.77 0.00	27.22 -0.76 0.00	3.31 -0.06 -0.64	1.02 0.00 -0.69	-4.69 0.23 -0.85	-3.14 0.12 -0.69	1.16 -0.01 -0.57	5.67 -0.24 -0.34	6.37 -0.25 -0.47	-0.70 0.07 -0.71	-4.08 0.23 -0.85
MARBLE_RIVER_WT_PWR 323696	26.65 -0.05 0.00	15.53 0.03 -0.30	17.56 0.02 -0.22	10.53 0.00 -0.58	8.04 0.03 -0.76	19.57 0.07 -0.37	26.20 0.08 -0.19	26.36 0.05 -0.10	24.93 0.15 -0.04	28.61 0.39 0.00	26.89 0.39 0.00	26.77 0.07 0.00	24.80 -0.45 0.00	28.44 -0.39 0.00	27.37 -0.61 0.00	3.70 -0.05 -1.02	1.43 0.01 -1.09	-4.07 0.35 -1.35	-2.66 0.21 -1.09	1.48 -0.01 -0.90	5.54 -0.56 -0.53	6.31 -0.59 -0.75	-0.22 0.14 -1.13	-3.39 0.42 -1.34
MARSHVLE_115KV_TB1 80742	28.04 1.34 0.00	26.93 0.71 -11.01	26.52 0.87 -8.33	32.14 0.50 -21.70	35.71 0.36 -28.10	33.84 0.97 -13.73	34.41 1.41 -7.07	31.57 1.51 -3.86	27.71 1.45 -1.52	30.02 1.80 0.00	28.03 1.52 0.00	28.46 1.76 0.00	26.58 1.34 0.00	30.36 1.53 0.00	29.56 1.59 0.00	40.63 0.15 -37.76	41.01 0.03 -40.65	43.95 -0.28 -50.00	36.14 -0.19 -40.28	33.92 0.03 -33.30	25.56 0.27 -19.72	34.19 0.31 -27.73	40.42 -0.07 -41.98	44.20 -0.23 -49.58
MARSH_HILL_WT_PWR 323713	26.21 -0.49 0.00	17.43 -0.07 -2.30	18.89 -0.16 -1.74	14.39 -0.07 -4.53	13.05 -0.06 -5.86	21.55 -0.45 -2.87	26.93 -0.47 -1.48	26.31 -0.71 -0.80	24.02 -1.03 -0.32	27.10 -1.11 0.00	25.21 -1.30 0.00	25.40 -1.30 0.00	24.19 -1.06 0.00	27.67 -1.17 0.00	26.95 -1.02 0.00	10.50 -0.11 -7.88	8.81 0.00 -8.48	4.89 0.23 -10.43	4.62 0.17 -8.40	7.52 -0.02 -6.95	9.58 -0.11 -4.12	11.82 -0.11 -5.78	7.30 0.04 -8.76	5.27 0.08 -10.34
MCINTYRE_115KV_TB2 80467	27.13 0.44 0.00	15.84 0.25 -0.38	17.87 0.26 -0.29	10.81 0.12 -0.75	8.34 0.11 -0.97	19.89 0.29 -0.47	26.63 0.46 -0.24	26.87 0.52 -0.13	25.37 0.58 -0.05	29.10 0.89 0.00	27.30 0.79 0.00	27.04 0.34 0.00	24.97 -0.28 0.00	28.62 -0.22 0.00	27.54 -0.43 0.00	4.05 0.02 -1.31	1.75 0.01 -1.40	-3.88 0.17 -1.73	-2.50 0.06 -1.39	1.75 0.01 -1.15	5.96 -0.30 -0.68	6.78 -0.33 -0.96	0.04 0.09 -1.45	-3.18 0.26 -1.71
MECO___69_KV_BK1 80468	28.45 1.75 0.00	26.65 0.97 -10.48	26.39 1.14 -7.93	31.23 0.64 -20.65	34.45 0.45 -26.74	33.45 1.25 -13.07	34.42 1.77 -6.73	31.75 1.87 -3.67	27.79 1.60 -1.45	30.07 1.85 0.00	28.11 1.60 0.00	27.99 1.29 0.00	26.17 0.92 0.00	30.44 1.61 0.00	29.97 2.00 0.00	38.86 0.20 -35.93	39.05 0.04 -38.68	41.40 -0.41 -47.59	34.10 -0.28 -38.33	32.32 0.04 -31.69	24.72 0.38 -18.77	32.96 0.42 -26.39	38.36 -0.10 -39.95	41.70 -0.33 -47.18
MENANDS__115KV_TB5 355628	27.26 0.56 0.00	24.36 0.34 -8.82	24.35 0.36 -6.67	27.52 0.20 -17.38	29.88 0.13 -22.50	30.48 0.36 -11.00	32.05 0.46 -5.66	29.72 0.42 -3.09	26.37 0.41 -1.22	28.60 0.38 0.00	26.96 0.45 0.00	27.12 0.41 0.00	25.66 0.41 0.00	29.30 0.46 0.00	28.43 0.46 0.00	33.00 0.04 -30.23	32.89 0.01 -32.55	34.16 -0.10 -40.04	28.23 -0.07 -32.25	27.27 0.01 -26.66	21.47 0.11 -15.79	28.47 0.12 -22.20	32.10 -0.02 -33.61	34.44 -0.11 -39.70
MG INDUSTRY___DRP 24185	27.22 0.52 0.00	24.26 0.31 -8.74	24.29 0.35 -6.61	27.37 0.20 -17.23	29.69 0.13 -22.31	30.39 0.36 -10.90	32.00 0.47 -5.61	29.71 0.44 -3.06	26.37 0.42 -1.21	28.62 0.41 0.00	26.95 0.45 0.00	27.12 0.42 0.00	25.69 0.44 0.00	29.33 0.49 0.00	28.45 0.48 0.00	32.75 0.05 -29.97	32.61 0.01 -32.27	33.81 -0.11 -39.70	27.95 -0.07 -31.97	27.04 0.01 -26.43	21.34 0.11 -15.65	28.28 0.12 -22.01	31.81 -0.03 -33.33	34.10 -0.11 -39.35
MID___OSWEGATCHIE_HYD 23849	26.57 -0.13 0.00	15.67 -0.07 -0.54	17.59 -0.14 -0.41	10.88 -0.12 -1.07	8.56 -0.07 -1.38	19.64 -0.16 -0.68	26.16 -0.11 -0.35	26.33 -0.07 -0.19	24.87 0.06 -0.07	28.51 0.30 0.00	26.69 0.19 0.00	26.54 -0.16 0.00	24.51 -0.75 0.00	27.89 -0.94 0.00	26.82 -1.15 0.00	4.51 -0.08 -1.86	2.32 -0.01 -2.00	-3.01 0.30 -2.46	-1.81 0.16 -1.98	2.23 -0.01 -1.64	6.23 -0.31 -0.97	7.16 -0.36 -1.36	0.68 0.11 -2.07	-2.38 0.33 -2.44
MID___RAQUETTE_HYD 23851	26.70 0.01 0.00	15.62 0.01 -0.41	17.58 -0.05 -0.31	10.68 -0.05 -0.79	8.26 -0.02 -1.03	19.58 -0.05 -0.50	26.17 -0.01 -0.26	26.37 0.02 -0.14	24.91 0.12 -0.05	28.58 0.36 0.00	26.79 0.28 0.00	26.53 -0.17 0.00	24.48 -0.76 0.00	28.01 -0.82 0.00	27.08 -0.90 0.00	4.07 -0.04 -1.38	1.82 0.00 -1.49	-3.66 0.29 -1.83	-2.33 0.14 -1.47	1.81 -0.01 -1.22	5.90 -0.39 -0.72	6.73 -0.43 -1.02	0.16 0.11 -1.54	-2.99 0.35 -1.82
MILLIKEN___1 23584	27.08 0.38 0.00	17.62 0.20 -2.21	19.23 0.23 -1.68	14.45 0.14 -4.36	13.02 0.11 -5.65	22.19 0.30 -2.76	27.80 0.45 -1.42	27.48 0.50 -0.77	25.50 0.45 -0.31	28.81 0.60 0.00	27.08 0.58 0.00	27.37 0.67 0.00	25.90 0.65 0.00	29.50 0.66 0.00	28.66 0.69 0.00	10.38 0.06 -7.59	8.52 0.01 -8.17	4.15 -0.13 -10.06	4.06 -0.09 -8.10	7.30 0.01 -6.70	9.68 0.14 -3.96	11.88 0.15 -5.58	6.92 -0.04 -8.44	4.71 -0.11 -9.97
MILLIKEN___2 23585	27.08 0.38 0.00	17.62 0.20 -2.21	19.23 0.23 -1.68	14.45 0.14 -4.36	13.02 0.11 -5.65	22.19 0.30 -2.76	27.80 0.45 -1.42	27.48 0.50 -0.77	25.50 0.45 -0.31	28.81 0.60 0.00	27.08 0.58 0.00	27.37 0.67 0.00	25.90 0.65 0.00	29.50 0.66 0.00	28.66 0.69 0.00	10.38 0.06 -7.59	8.52 0.01 -8.17	4.15 -0.13 -10.06	4.06 -0.09 -8.10	7.30 0.01 -6.70	9.68 0.14 -3.96	11.88 0.15 -5.58	6.92 -0.04 -8.44	4.71 -0.11 -9.97

MILLIKEN___DIESEL 23629	27.08 0.38 0.00	17.62 0.20 -2.21	19.23 0.23 -1.68	14.45 0.14 -4.36	13.02 0.11 -5.65	22.19 0.30 -2.76	27.80 0.45 -1.42	27.48 0.50 -0.77	25.50 0.45 -0.31	28.81 0.60 0.00	27.08 0.58 0.00	27.37 0.67 0.00	25.90 0.65 0.00	29.50 0.66 0.00	28.66 0.69 0.00	10.38 0.06 -7.59	8.52 0.01 -8.17	4.15 -0.13 -10.06	4.06 -0.09 -8.10	7.30 0.01 -6.70	9.68 0.14 -3.96	11.88 0.15 -5.58	6.92 -0.04 -8.44	4.71 -0.11 -9.97
MILLSEAT___LFGE 323607	26.77 0.07 0.00	17.09 0.05 -1.83	18.69 -0.02 -1.39	13.55 0.00 -3.61	11.93 0.00 -4.67	21.46 0.04 -2.28	26.95 -0.15 -1.18	26.45 -0.40 -0.64	24.58 -0.41 -0.25	28.01 -0.20 0.00	26.16 -0.34 0.00	26.79 0.09 0.00	25.33 0.08 0.00	29.02 0.18 0.00	28.24 0.27 0.00	9.02 0.02 -6.28	7.08 -0.01 -6.76	2.48 -0.06 -8.31	2.71 -0.03 -6.70	6.13 0.00 -5.54	8.93 0.08 -3.28	10.86 0.10 -4.61	5.46 -0.03 -6.98	2.97 -0.12 -8.24
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.77 1.07 0.00	23.02 0.58 -7.24	23.44 0.64 -5.48	24.58 0.37 -14.27	26.01 0.28 -18.47	28.91 0.75 -9.03	31.61 1.03 -4.65	29.83 1.09 -2.53	26.77 1.03 -1.00	29.28 1.06 0.00	27.49 0.98 0.00	27.61 0.91 0.00	26.27 1.03 0.00	29.99 1.16 0.00	29.11 1.13 0.00	27.67 0.11 -24.82	27.06 0.01 -26.73	26.84 -0.26 -32.87	22.36 -0.17 -26.48	22.51 0.02 -21.89	18.77 0.23 -12.96	24.63 0.26 -18.23	26.04 -0.07 -27.60	27.22 -0.22 -32.59
MILLWOOD_13_KV_LOAD 356217	27.82 1.12 0.00	23.05 0.61 -7.24	23.48 0.68 -5.48	24.60 0.39 -14.27	26.02 0.30 -18.47	28.95 0.79 -9.03	31.66 1.09 -4.65	29.90 1.16 -2.53	26.84 1.10 -1.00	29.35 1.14 0.00	27.55 1.04 0.00	27.68 0.97 0.00	26.33 1.08 0.00	30.06 1.23 0.00	29.18 1.21 0.00	27.67 0.12 -24.82	27.06 0.01 -26.73	26.83 -0.28 -32.87	22.35 -0.18 -26.48	22.51 0.03 -21.89	18.79 0.25 -12.96	24.65 0.27 -18.23	26.04 -0.07 -27.60	27.21 -0.23 -32.59
MODEL_CITY_ENERGY 24167	26.08 -0.62 0.00	16.76 -0.33 -1.88	18.31 -0.44 -1.43	13.41 -0.24 -3.71	11.87 -0.19 -4.81	21.02 -0.46 -2.35	26.28 -0.86 -1.21	25.65 -1.22 -0.66	23.78 -1.22 -0.26	27.08 -1.14 0.00	25.26 -1.25 0.00	25.89 -0.81 0.00	24.45 -0.80 0.00	28.08 -0.76 0.00	27.38 -0.59 0.00	9.12 -0.07 -6.46	7.27 -0.01 -6.95	2.90 0.12 -8.55	3.03 0.09 -6.89	6.27 -0.03 -5.70	8.86 -0.09 -3.37	10.81 -0.09 -4.74	5.70 0.02 -7.18	3.35 0.01 -8.48
MODERN_LFGE___ 323580	26.08 -0.62 0.00	16.76 -0.33 -1.88	18.31 -0.44 -1.43	13.41 -0.24 -3.71	11.87 -0.19 -4.81	21.02 -0.46 -2.35	26.28 -0.86 -1.21	25.65 -1.22 -0.66	23.78 -1.22 -0.26	27.08 -1.14 0.00	25.26 -1.25 0.00	25.89 -0.81 0.00	24.45 -0.80 0.00	28.08 -0.76 0.00	27.38 -0.59 0.00	9.12 -0.07 -6.46	7.27 -0.01 -6.95	2.90 0.12 -8.55	3.03 0.09 -6.89	6.27 -0.03 -5.70	8.86 -0.09 -3.37	10.81 -0.09 -4.74	5.70 0.02 -7.18	3.35 0.01 -8.48
MOHAWK_PAPER___DRP 24187	27.42 0.72 0.00	24.46 0.43 -8.83	24.46 0.46 -6.68	27.60 0.25 -17.41	29.96 0.17 -22.54	30.61 0.46 -11.02	32.22 0.62 -5.68	29.88 0.58 -3.09	26.52 0.56 -1.22	28.77 0.56 0.00	27.11 0.60 0.00	27.29 0.58 0.00	25.80 0.55 0.00	29.48 0.64 0.00	28.60 0.63 0.00	33.08 0.06 -30.29	32.95 0.01 -32.61	34.20 -0.14 -40.11	28.27 -0.09 -32.31	27.32 0.02 -26.71	21.53 0.14 -15.82	28.55 0.15 -22.24	32.15 -0.03 -33.67	34.48 -0.14 -39.77
MOHICAN___35_KV_115KV_LD 80490	28.46 1.77 0.00	25.26 1.02 -9.03	25.30 1.15 -6.83	28.39 0.66 -17.80	30.76 0.46 -23.04	31.65 1.26 -11.26	33.44 1.72 -5.80	31.07 1.70 -3.16	27.58 1.59 -1.25	29.97 1.76 0.00	28.05 1.55 0.00	28.32 1.61 0.00	26.71 1.47 0.00	30.55 1.72 0.00	29.61 1.63 0.00	33.84 0.15 -30.96	33.69 0.02 -33.34	34.90 -0.34 -41.01	28.87 -0.21 -33.03	27.94 0.04 -27.30	22.06 0.32 -16.17	29.24 0.35 -22.74	32.84 -0.10 -34.43	35.15 -0.35 -40.65
MONGAUP___HYD 23641	27.84 1.14 0.00	22.52 0.60 -6.72	23.12 0.72 -5.09	23.58 0.39 -13.25	24.69 0.29 -17.15	28.28 0.77 -8.38	31.25 1.01 -4.32	29.67 1.10 -2.35	26.66 0.99 -0.93	29.11 0.89 0.00	27.30 0.79 0.00	27.35 0.64 0.00	25.94 0.69 0.00	29.63 0.79 0.00	28.82 0.85 0.00	25.87 0.09 -23.04	25.14 0.00 -24.81	24.45 -0.30 -30.52	20.45 -0.18 -24.59	20.95 0.03 -20.32	17.87 0.26 -12.04	23.36 0.28 -16.92	24.06 -0.07 -25.62	24.88 -0.23 -30.26
MONTAUK___DIESEL 23721	29.49 2.79 0.00	24.01 1.53 -7.28	24.60 1.78 -5.51	25.26 0.98 -14.34	26.56 0.73 -18.57	30.03 1.83 -9.08	33.18 2.59 -4.68	31.48 2.72 -2.55	28.43 2.68 -1.01	31.25 3.03 0.00	29.59 3.04 -0.05	29.32 2.87 0.25	29.13 2.92 -0.96	33.04 3.38 -0.82	33.58 3.44 -2.17	39.95 0.34 -36.87	27.24 0.04 -26.87	26.53 -0.75 -33.05	22.19 -0.48 -26.62	22.67 0.07 -22.00	19.33 0.73 -13.03	25.27 0.79 -18.32	26.05 -0.20 -27.74	27.00 -0.61 -32.76
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.40 -0.29 0.00	17.03 -0.21 -2.04	18.53 -0.33 -1.54	13.82 -0.13 -4.01	12.34 -0.11 -5.19	21.24 -0.43 -2.54	26.41 -0.82 -1.31	26.40 -0.52 -0.71	24.39 -0.63 -0.28	27.64 -0.58 0.00	25.84 -0.67 0.00	26.48 -0.22 0.00	25.16 -0.09 0.00	28.87 0.04 0.00	28.03 0.05 0.00	9.69 -0.02 -6.98	7.86 0.02 -7.52	3.48 0.01 -9.24	3.49 0.00 -7.45	6.75 -0.01 -6.15	9.29 0.07 -3.65	11.36 0.09 -5.13	6.25 -0.02 -7.76	3.91 -0.11 -9.16
MORTIMER_115KV_TB3 55949	26.65 -0.05 0.00	16.88 -0.02 -1.69	18.52 -0.08 -1.28	13.23 -0.04 -3.33	11.55 -0.01 -4.31	21.22 -0.01 -2.11	26.85 -0.16 -1.09	26.53 -0.27 -0.59	24.69 -0.29 -0.23	28.08 -0.14 0.00	26.29 -0.22 0.00	26.77 0.07 0.00	25.32 0.07 0.00	28.99 0.16 0.00	28.18 0.21 0.00	8.54 0.02 -5.79	6.56 -0.01 -6.24	1.84 -0.05 -7.67	2.20 -0.03 -6.18	5.70 0.00 -5.11	8.66 0.06 -3.03	10.48 0.08 -4.25	4.92 -0.02 -6.44	2.37 -0.09 -7.60
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.88 1.18 0.00	23.12 0.64 -7.27	23.55 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.03 0.82 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.87 1.12 -1.01	29.39 1.18 0.00	27.59 1.08 0.00	27.72 1.02 0.00	26.40 1.15 0.00	30.11 1.27 0.00	29.23 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.48 -0.18 -26.62	22.62 0.03 -22.00	18.85 0.25 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.24 -32.76
MUNSVILLE_WIND_PWR 323609	27.65 0.95 0.00	18.62 0.43 -2.99	20.16 0.57 -2.26	16.18 0.35 -5.89	15.24 0.37 -7.63	23.78 0.93 -3.73	29.25 1.41 -1.92	28.97 1.71 -1.05	27.01 1.86 -0.41	30.51 2.30 0.00	28.84 2.33 0.00	29.30 2.60 0.00	27.64 2.39 0.00	31.42 2.59 0.00	30.33 2.35 0.00	13.19 0.21 -10.25	11.40 0.03 -11.03	7.41 -0.38 -13.57	6.75 -0.23 -10.93	9.67 0.04 -9.04	11.31 0.39 -5.35	14.10 0.42 -7.52	9.81 -0.09 -11.39	8.02 -0.29 -13.45
N SALMON___HYD 24042	26.94 0.24 0.00	15.70 0.16 -0.33	17.73 0.16 -0.25	10.67 0.08 -0.65	8.18 0.09 -0.85	19.77 0.23 -0.41	26.47 0.33 -0.21	26.68 0.36 -0.12	25.26 0.47 -0.05	28.99 0.77 0.00	27.23 0.72 0.00	27.08 0.37 0.00	25.03 -0.22 0.00	28.68 -0.15 0.00	27.66 -0.31 0.00	3.85 -0.02 -1.14	1.56 0.01 -1.22	-4.01 0.26 -1.50	-2.60 0.14 -1.21	1.60 0.00 -1.00	5.72 -0.44 -0.59	6.52 -0.46 -0.83	-0.12 0.11 -1.26	-3.31 0.34 -1.49

N.AKRON__115KV_KNAPP 355671	26.66 -0.03 0.00	17.05 0.00 -1.84	18.65 -0.07 -1.40	13.54 -0.04 -3.64	11.93 -0.03 -4.71	21.41 -0.02 -2.30	26.84 -0.27 -1.18	26.32 -0.54 -0.65	24.44 -0.55 -0.26	27.85 -0.37 0.00	26.01 -0.50 0.00	26.64 -0.06 0.00	25.17 -0.08 0.00	28.86 0.03 0.00	28.10 0.13 0.00	9.06 0.00 -6.32	7.13 -0.01 -6.81	2.57 -0.04 -8.38	2.78 -0.01 -6.75	6.17 -0.01 -5.58	8.93 0.05 -3.30	10.86 0.07 -4.65	5.52 -0.02 -7.03	3.05 -0.10 -8.30
N.BELMOR_69_KV_BK1 55787	28.20 1.51 0.00	23.30 0.82 -7.28	23.77 0.94 -5.51	24.79 0.51 -14.34	26.21 0.39 -18.57	29.16 0.96 -9.08	31.95 1.35 -4.68	30.23 1.47 -2.55	27.20 1.45 -1.01	29.83 1.61 0.00	30.93 1.71 -2.72	31.77 1.70 -3.37	32.41 1.79 -5.37	35.44 2.04 -4.57	35.71 2.00 -5.74	39.82 0.19 -36.89	27.21 0.01 -26.87	26.87 -0.40 -33.05	22.42 -0.25 -26.62	22.64 0.04 -22.00	18.98 0.38 -13.03	24.90 0.42 -18.32	26.14 -0.11 -27.74	27.28 -0.33 -32.76
N.E_GEN_SANDY PD 24062	27.13 0.92 0.49	23.83 0.53 -8.10	24.03 0.58 -6.13	26.24 0.34 -15.96	27.84 0.23 -20.36	30.10 0.65 -10.32	31.98 0.85 -5.20	29.85 0.80 -2.84	26.09 0.74 -0.62	28.97 0.76 0.00	27.18 0.68 0.00	27.32 0.62 0.00	25.90 0.66 0.00	29.69 0.75 -0.11	28.63 0.72 0.07	30.66 0.07 -27.86	30.24 0.01 -29.90	30.84 -0.17 -36.78	25.56 -0.12 -29.63	25.11 0.02 -24.49	20.24 0.16 -14.51	26.73 0.18 -20.40	29.34 -0.04 -30.88	31.17 -0.16 -36.47
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.71 1.01 0.00	22.78 0.53 -7.05	23.25 0.60 -5.33	24.18 0.35 -13.89	25.50 0.27 -17.98	28.64 0.72 -8.79	31.46 1.01 -4.53	29.78 1.10 -2.47	26.74 1.03 -0.97	29.25 1.03 0.00	27.45 0.94 0.00	27.58 0.88 0.00	26.24 0.99 0.00	29.97 1.14 0.00	29.10 1.12 0.00	27.00 0.11 -24.16	26.35 0.01 -26.01	25.96 -0.26 -32.00	21.65 -0.17 -25.77	21.93 0.02 -21.30	18.42 0.23 -12.62	24.14 0.25 -17.74	25.30 -0.07 -26.86	26.36 -0.22 -31.72
N.QUEENS_27_KV_LOAD 356247	27.86 1.16 0.00	23.12 0.63 -7.27	23.52 0.69 -5.51	24.68 0.40 -14.34	26.12 0.30 -18.57	28.97 0.77 -9.07	31.64 1.04 -4.67	29.90 1.14 -2.55	26.84 1.09 -1.01	29.37 1.15 0.00	27.65 1.14 0.00	27.75 1.05 0.00	26.36 1.11 0.00	30.02 1.19 0.00	29.20 1.23 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
N.TROY___115KV_TB1 355778	27.63 0.94 0.00	24.62 0.54 -8.87	24.63 0.60 -6.71	27.77 0.35 -17.49	30.12 0.23 -22.64	30.83 0.63 -11.07	32.45 0.83 -5.70	30.12 0.80 -3.11	26.71 0.74 -1.23	28.98 0.76 0.00	27.20 0.70 0.00	27.38 0.67 0.00	25.89 0.64 0.00	29.59 0.75 0.00	28.71 0.74 0.00	33.23 0.07 -30.42	33.10 0.01 -32.76	34.35 -0.17 -40.29	28.39 -0.11 -32.46	27.44 0.02 -26.83	21.62 0.16 -15.89	28.67 0.18 -22.34	32.29 -0.04 -33.83	34.64 -0.16 -39.95
NARROWS_GT1_1 24228	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT1_2 24229	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT1_3 24230	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT1_4 24231	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT1_5 24232	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT1_6 24233	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT1_7 24234	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT1_8 24235	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT2_1 24236	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76

NARROWS_GT2_2 24237	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT2_3 24238	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT2_4 24239	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT2_5 24240	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT2_6 24241	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT2_7 24242	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NARROWS_GT2_8 24243	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.15 1.46 0.00	24.44 0.90 -8.34	24.61 0.98 -6.31	26.93 0.55 -16.44	28.91 0.38 -21.28	30.54 1.01 -10.40	32.70 1.42 -5.36	30.52 1.39 -2.92	27.24 1.35 -1.15	29.57 1.35 0.00	28.00 1.50 0.00	28.04 1.34 0.00	26.45 1.20 0.00	30.35 1.52 0.00	29.36 1.38 0.00	31.47 0.15 -28.60	31.14 0.02 -30.79	31.75 -0.35 -37.87	26.31 -0.24 -30.51	25.86 0.04 -25.22	20.85 0.34 -14.94	27.52 0.37 -21.00	30.22 -0.08 -31.80	32.09 -0.31 -37.55
NCHELSEA_115KV_TR2 355582	27.95 1.25 0.00	23.22 0.68 -7.33	23.64 0.78 -5.55	24.83 0.45 -14.44	26.29 0.34 -18.70	29.16 0.89 -9.14	31.85 1.22 -4.71	30.05 1.27 -2.57	26.95 1.19 -1.01	29.48 1.26 0.00	27.68 1.17 0.00	27.82 1.12 0.00	26.43 1.19 0.00	30.18 1.35 0.00	29.30 1.32 0.00	27.99 0.13 -25.13	27.39 0.01 -27.05	27.20 -0.30 -33.28	22.65 -0.20 -26.81	22.79 0.03 -22.16	18.98 0.28 -13.13	24.91 0.31 -18.45	26.37 -0.08 -27.94	27.59 -0.25 -32.99
NEG CAPITAL___MECHNVIL 23645	28.06 1.37 0.00	24.96 0.78 -8.97	24.98 0.87 -6.79	28.13 0.50 -17.69	30.51 0.35 -22.90	31.26 0.94 -11.19	32.96 1.27 -5.77	30.61 1.25 -3.14	27.15 1.17 -1.24	29.48 1.27 0.00	27.69 1.19 0.00	27.91 1.20 0.00	26.34 1.09 0.00	30.13 1.30 0.00	29.23 1.26 0.00	33.63 0.12 -30.77	33.48 0.02 -33.14	34.72 -0.27 -40.76	28.70 -0.17 -32.83	27.76 0.03 -27.14	21.90 0.25 -16.07	29.03 0.28 -22.60	32.66 -0.07 -34.22	35.01 -0.25 -40.41
NEG CENTRAL_HIGH_ACRES 23767	26.12 -0.58 0.00	16.54 -0.33 -1.65	18.16 -0.42 -1.25	12.96 -0.24 -3.26	11.32 -0.15 -4.23	20.79 -0.41 -2.06	26.35 -0.64 -1.06	26.07 -0.72 -0.58	24.27 -0.70 -0.23	27.58 -0.63 0.00	25.84 -0.66 0.00	26.27 -0.43 0.00	24.84 -0.41 0.00	28.44 -0.40 0.00	27.62 -0.35 0.00	8.37 -0.04 -5.68	6.43 -0.02 -6.11	1.82 0.07 -7.52	2.16 0.06 -6.06	5.59 -0.01 -5.01	8.48 -0.06 -2.97	10.26 -0.06 -4.17	4.83 0.01 -6.31	2.34 0.03 -7.45
NEG CENTRAL___DRP 24199	26.69 -0.01 0.00	16.93 0.01 -1.71	18.60 -0.01 -1.30	13.32 0.01 -3.38	11.63 0.01 -4.37	21.28 0.02 -2.14	27.07 0.05 -1.10	26.85 0.04 -0.60	24.95 -0.03 -0.24	28.29 0.07 0.00	26.54 0.03 0.00	26.86 0.15 0.00	25.40 0.15 0.00	29.03 0.20 0.00	28.21 0.24 0.00	8.62 0.02 -5.87	6.66 0.01 -6.32	1.96 -0.04 -7.77	2.29 -0.03 -6.26	5.78 0.00 -5.18	8.70 0.06 -3.07	10.53 0.06 -4.31	5.02 -0.02 -6.53	2.51 -0.05 -7.71
NEG CENTRAL___INDECK 23768	27.22 0.52 0.00	17.60 0.35 -2.05	19.19 0.32 -1.55	14.18 0.20 -4.04	12.64 0.16 -5.23	22.06 0.37 -2.56	27.71 0.47 -1.32	27.31 0.38 -0.72	25.26 0.24 -0.28	28.65 0.44 0.00	26.57 0.07 0.00	27.07 0.36 0.00	25.66 0.41 0.00	29.37 0.54 0.00	28.60 0.63 0.00	9.82 0.06 -7.03	7.91 0.00 -7.57	3.40 -0.15 -9.32	3.46 -0.09 -7.50	6.81 0.01 -6.20	9.44 0.19 -3.67	11.55 0.23 -5.17	6.28 -0.05 -7.82	3.89 -0.19 -9.24
NEG CENTRAL___SENECA 23627	26.77 0.08 0.00	17.09 0.07 -1.82	18.75 0.05 -1.38	13.58 0.04 -3.60	11.95 0.04 -4.66	21.49 0.08 -2.28	27.24 0.14 -1.17	26.99 0.14 -0.64	25.04 0.04 -0.25	28.40 0.18 0.00	26.61 0.10 0.00	26.95 0.25 0.00	25.49 0.24 0.00	29.14 0.30 0.00	28.33 0.36 0.00	9.01 0.03 -6.25	7.07 0.01 -6.73	2.44 -0.07 -8.28	2.68 -0.04 -6.67	6.12 0.00 -5.51	8.92 0.09 -3.27	10.84 0.09 -4.59	5.44 -0.02 -6.95	2.99 -0.08 -8.21
NEG CENTRAL___STATE_STREET 24147	26.78 0.08 0.00	16.94 0.05 -1.68	18.64 0.05 -1.27	13.29 0.03 -3.32	11.58 0.03 -4.30	21.30 0.08 -2.10	27.12 0.12 -1.08	26.92 0.12 -0.59	25.06 0.09 -0.23	28.40 0.18 0.00	26.67 0.17 0.00	26.96 0.25 0.00	25.50 0.26 0.00	29.12 0.29 0.00	28.27 0.30 0.00	8.53 0.02 -5.77	6.55 0.01 -6.21	1.81 -0.06 -7.64	2.17 -0.04 -6.16	5.69 0.00 -5.09	8.65 0.07 -3.02	10.46 0.07 -4.24	4.91 -0.02 -6.42	2.38 -0.05 -7.58



NEG MILLWOOD___DRP 24198	28.01 1.31 0.00	23.29 0.72 -7.37	23.71 0.81 -5.58	24.94 0.47 -14.53	26.41 0.35 -18.81	29.26 0.94 -9.19	31.94 1.29 -4.74	30.13 1.34 -2.58	27.04 1.28 -1.02	29.59 1.38 0.00	27.78 1.28 0.00	27.94 1.23 0.00	26.56 1.31 0.00	30.31 1.48 0.00	29.40 1.43 0.00	28.14 0.14 -25.27	27.55 0.01 -27.21	27.37 -0.32 -33.47	22.80 -0.21 -26.96	22.91 0.03 -22.29	19.07 0.30 -13.20	25.03 0.32 -18.56	26.52 -0.08 -28.10	27.77 -0.27 -33.18
NEG NORTH_FLCN_SEA 23793	26.98 0.28 0.00	15.74 0.24 -0.30	17.80 0.25 -0.23	10.65 0.13 -0.59	8.14 0.12 -0.76	19.80 0.30 -0.37	26.57 0.46 -0.19	26.69 0.38 -0.10	25.23 0.45 -0.04	28.96 0.74 0.00	27.25 0.74 0.00	27.13 0.43 0.00	25.18 -0.07 0.00	28.87 0.03 0.00	27.76 -0.21 0.00	3.74 -0.01 -1.02	1.45 0.01 -1.10	-4.14 0.28 -1.35	-2.71 0.15 -1.09	1.49 -0.01 -0.90	5.62 -0.48 -0.53	6.39 -0.51 -0.75	-0.24 0.12 -1.14	-3.46 0.35 -1.34
NEG NORTH_KES_CHATEGAY 23792	26.69 -0.01 0.00	15.54 0.03 -0.31	17.58 0.03 -0.23	10.54 0.00 -0.61	8.07 0.03 -0.78	19.56 0.05 -0.38	26.22 0.10 -0.20	26.40 0.08 -0.11	24.98 0.19 -0.04	28.67 0.45 0.00	26.94 0.43 0.00	26.80 0.10 0.00	24.80 -0.45 0.00	28.42 -0.41 0.00	27.40 -0.58 0.00	3.73 -0.05 -1.05	1.47 0.01 -1.13	-4.04 0.34 -1.40	-2.64 0.19 -1.12	1.51 -0.01 -0.93	5.59 -0.53 -0.55	6.36 -0.56 -0.77	-0.19 0.13 -1.17	-3.36 0.41 -1.38
NEG NORTH___ALICE_FALLS 23915	27.00 0.30 0.00	15.73 0.23 -0.30	17.79 0.24 -0.23	10.65 0.12 -0.59	8.14 0.12 -0.76	19.80 0.30 -0.37	26.57 0.46 -0.19	26.72 0.40 -0.10	25.29 0.51 -0.04	29.04 0.82 0.00	27.32 0.81 0.00	27.20 0.50 0.00	25.24 -0.01 0.00	28.93 0.09 0.00	27.81 -0.17 0.00	3.75 -0.01 -1.03	1.45 0.01 -1.10	-4.15 0.27 -1.36	-2.71 0.15 -1.10	1.50 -0.01 -0.91	5.64 -0.47 -0.53	6.40 -0.50 -0.75	-0.24 0.12 -1.14	-3.45 0.35 -1.35
NEG NORTH___LWR_SARANAC 23913	27.00 0.30 0.00	15.73 0.23 -0.30	17.79 0.24 -0.23	10.65 0.12 -0.59	8.14 0.12 -0.76	19.80 0.30 -0.37	26.57 0.46 -0.19	26.72 0.40 -0.10	25.29 0.51 -0.04	29.04 0.82 0.00	27.32 0.81 0.00	27.20 0.50 0.00	25.24 -0.01 0.00	28.93 0.09 0.00	27.81 -0.17 0.00	3.75 -0.01 -1.03	1.45 0.01 -1.10	-4.15 0.27 -1.36	-2.71 0.15 -1.10	1.50 -0.01 -0.91	5.64 -0.47 -0.53	6.40 -0.50 -0.75	-0.24 0.12 -1.14	-3.45 0.35 -1.35
NEG NORTH___PLATTSBURG 23628	27.00 0.30 0.00	15.74 0.23 -0.30	17.79 0.24 -0.23	10.66 0.13 -0.59	8.14 0.12 -0.76	19.82 0.32 -0.37	26.56 0.45 -0.19	26.72 0.40 -0.10	25.29 0.52 -0.04	29.04 0.82 0.00	27.32 0.81 0.00	27.20 0.50 0.00	25.24 -0.01 0.00	28.93 0.09 0.00	27.81 -0.17 0.00	3.75 -0.01 -1.03	1.45 0.01 -1.10	-4.15 0.27 -1.36	-2.71 0.15 -1.10	1.50 -0.01 -0.91	5.63 -0.48 -0.53	6.40 -0.50 -0.75	-0.23 0.12 -1.14	-3.45 0.35 -1.35
NEG WEST_LEA_LOCKPORT 23791	26.31 -0.39 0.00	16.89 -0.18 -1.87	18.45 -0.29 -1.42	13.47 -0.16 -3.69	11.92 -0.11 -4.78	21.20 -0.27 -2.34	26.49 -0.63 -1.20	25.93 -0.94 -0.66	24.03 -0.97 -0.26	27.37 -0.85 0.00	25.53 -0.98 0.00	26.16 -0.54 0.00	24.70 -0.54 0.00	28.37 -0.47 0.00	27.66 -0.32 0.00	9.12 -0.04 -6.42	7.23 -0.01 -6.91	2.79 0.05 -8.51	2.95 0.05 -6.85	6.24 -0.02 -5.67	8.90 -0.03 -3.36	10.85 -0.02 -4.72	5.65 0.00 -7.14	3.24 -0.04 -8.44
NEG WEST___LANCASTR 23811	26.67 -0.02 0.00	17.19 -0.04 -2.03	18.72 -0.13 -1.54	13.90 -0.04 -4.00	12.39 -0.04 -5.18	21.58 -0.08 -2.53	26.98 -0.25 -1.30	26.59 -0.33 -0.71	24.53 -0.49 -0.28	27.91 -0.31 0.00	26.07 -0.44 0.00	26.62 -0.08 0.00	25.22 -0.03 0.00	28.97 0.14 0.00	28.17 0.20 0.00	9.68 0.00 -6.96	7.84 0.02 -7.49	3.46 0.02 -9.21	3.49 0.03 -7.42	6.72 -0.01 -6.14	9.24 0.03 -3.63	11.30 0.04 -5.11	6.23 -0.01 -7.74	3.92 -0.06 -9.14
NEG_PENN_ALLEGHNY 23528	26.72 0.02 0.00	18.34 0.00 -3.14	19.71 0.01 -2.37	16.15 0.03 -6.18	15.28 0.03 -8.00	23.09 0.05 -3.91	28.04 0.10 -2.02	27.44 0.13 -1.10	25.22 0.05 -0.43	28.32 0.10 0.00	26.61 0.10 0.00	26.89 0.19 0.00	25.52 0.27 0.00	29.15 0.32 0.00	28.25 0.28 0.00	13.50 0.02 -10.75	11.93 0.02 -11.58	8.43 -0.04 -14.24	7.50 -0.02 -11.47	10.08 0.00 -9.48	11.25 0.06 -5.62	14.12 0.07 -7.90	10.45 -0.02 -11.96	8.92 -0.05 -14.12
NEG___GEN_MONROE 24207	26.83 0.13 0.00	17.04 0.14 -1.70	18.74 0.14 -1.28	13.36 0.07 -3.34	11.67 0.08 -4.33	21.47 0.22 -2.12	27.14 0.13 -1.09	26.73 -0.08 -0.59	24.83 -0.14 -0.23	28.28 0.06 0.00	26.46 -0.05 0.00	26.98 0.28 0.00	25.52 0.28 0.00	29.23 0.39 0.00	28.40 0.43 0.00	8.59 0.04 -5.82	6.59 -0.01 -6.26	1.84 -0.10 -7.71	2.20 -0.06 -6.21	5.73 0.00 -5.13	8.72 0.11 -3.04	10.56 0.13 -4.27	4.94 -0.04 -6.47	2.34 -0.16 -7.64
NEPA___ENERGY 23901	26.44 -0.26 0.00	17.11 -0.16 -2.06	18.67 -0.20 -1.56	13.92 -0.08 -4.05	12.46 -0.05 -5.25	21.51 -0.18 -2.57	26.92 -0.32 -1.32	26.56 -0.37 -0.72	24.41 -0.61 -0.28	27.63 -0.58 0.00	25.85 -0.65 0.00	26.39 -0.31 0.00	25.12 -0.13 0.00	28.85 0.02 0.00	28.00 0.03 0.00	9.76 -0.03 -7.05	7.95 0.03 -7.59	3.61 0.04 -9.34	3.60 0.03 -7.52	6.81 -0.01 -6.22	9.28 0.02 -3.69	11.37 0.04 -5.18	6.34 -0.01 -7.84	4.06 -0.05 -9.26
NEVERSINK___HYD 23608	27.57 0.87 0.00	22.33 0.44 -6.68	22.88 0.50 -5.05	23.39 0.30 -13.16	24.52 0.23 -17.04	28.07 0.62 -8.33	31.08 0.86 -4.29	29.52 0.97 -2.34	26.56 0.90 -0.92	29.10 0.88 0.00	27.24 0.74 0.00	27.25 0.55 0.00	25.20 -0.05 0.00	28.77 -0.06 0.00	27.96 -0.02 0.00	25.63 0.00 -22.89	24.97 -0.01 -24.65	24.48 -0.06 -30.32	20.43 -0.03 -24.42	20.78 0.00 -20.19	17.74 0.22 -11.96	23.20 0.23 -16.81	23.90 -0.06 -25.45	24.73 -0.18 -30.06
NEWKRMKL_115KV_TB1 55635	27.12 0.42 0.00	24.30 0.28 -8.82	24.27 0.28 -6.67	27.47 0.15 -17.38	29.86 0.10 -22.51	30.40 0.27 -11.00	31.93 0.34 -5.67	29.61 0.31 -3.09	26.27 0.31 -1.22	28.49 0.28 0.00	26.89 0.38 0.00	27.04 0.34 0.00	25.59 0.34 0.00	29.21 0.38 0.00	28.35 0.37 0.00	33.01 0.04 -30.24	32.90 0.01 -32.56	34.20 -0.08 -40.05	28.25 -0.06 -32.26	27.28 0.01 -26.67	21.45 0.09 -15.80	28.46 0.10 -22.21	32.11 -0.02 -33.63	34.46 -0.10 -39.71
NEWTON___FALLS_HYD 23847	26.57 -0.13 0.00	15.67 -0.07 -0.54	17.59 -0.14 -0.41	10.88 -0.12 -1.07	8.56 -0.07 -1.38	19.64 -0.16 -0.68	26.16 -0.11 -0.35	26.33 -0.07 -0.19	24.87 0.06 -0.07	28.51 0.30 0.00	26.69 0.19 0.00	26.54 -0.16 0.00	24.51 -0.75 0.00	27.89 -0.94 0.00	26.82 -1.15 0.00	4.51 -0.08 -1.86	2.32 -0.01 -2.00	-3.01 0.30 -2.46	-1.81 0.16 -1.98	2.23 -0.01 -1.64	6.23 -0.31 -0.97	7.16 -0.36 -1.36	0.68 0.11 -2.07	-2.38 0.33 -2.44
NGRID_A1_DSASP 323792	25.91 -0.79 0.00	16.70 -0.40 -1.89	18.23 -0.52 -1.43	13.37 -0.30 -3.73	11.90 -0.17 -4.83	21.02 -0.47 -2.36	26.17 -0.97 -1.22	25.57 -1.30 -0.66	23.71 -1.29 -0.26	27.01 -1.21 0.00	25.18 -1.32 0.00	25.80 -0.90 0.00	24.36 -0.89 0.00	27.98 -0.86 0.00	27.30 -0.67 0.00	9.13 -0.09 -6.48	7.30 -0.01 -6.98	2.95 0.13 -8.58	3.08 0.12 -6.92	6.28 -0.03 -5.72	8.86 -0.10 -3.39	10.80 -0.11 -4.76	5.74 0.02 -7.20	3.39 0.03 -8.51

NGRID_A2_DSASP 323793	25.91 -0.79 0.00	16.70 -0.40 -1.89	18.23 -0.52 -1.43	13.37 -0.30 -3.73	11.90 -0.17 -4.83	21.02 -0.47 -2.36	26.17 -0.97 -1.22	25.57 -1.30 -0.66	23.71 -1.29 -0.26	27.01 -1.21 0.00	25.18 -1.32 0.00	25.80 -0.90 0.00	24.36 -0.89 0.00	27.98 -0.86 0.00	27.30 -0.67 0.00	9.13 -0.09 -6.48	7.30 -0.01 -6.98	2.95 0.13 -8.58	3.08 0.12 -6.92	6.28 -0.03 -5.72	8.86 -0.10 -3.39	10.80 -0.11 -4.76	5.74 0.02 -7.20	3.39 0.03 -8.51
NGRID_A4_DSASP 323807	25.91 -0.79 0.00	16.70 -0.40 -1.89	18.23 -0.52 -1.43	13.37 -0.30 -3.73	11.90 -0.17 -4.83	21.02 -0.47 -2.36	26.17 -0.97 -1.22	25.57 -1.30 -0.66	23.71 -1.29 -0.26	27.01 -1.21 0.00	25.18 -1.32 0.00	25.80 -0.90 0.00	24.36 -0.89 0.00	27.98 -0.86 0.00	27.30 -0.67 0.00	9.13 -0.09 -6.48	7.30 -0.01 -6.98	2.95 0.13 -8.58	3.08 0.12 -6.92	6.28 -0.03 -5.72	8.86 -0.10 -3.39	10.80 -0.11 -4.76	5.74 0.02 -7.20	3.39 0.03 -8.51
NIAGARA_115E_LBMP 323715	25.95 -0.74 0.00	16.70 -0.40 -1.89	18.23 -0.52 -1.43	13.37 -0.29 -3.73	11.85 -0.23 -4.83	20.94 -0.55 -2.36	26.15 -0.99 -1.22	25.50 -1.37 -0.66	23.64 -1.37 -0.26	26.92 -1.30 0.00	25.08 -1.42 0.00	25.72 -0.98 0.00	24.29 -0.96 0.00	27.90 -0.93 0.00	27.23 -0.75 0.00	9.13 -0.09 -6.49	7.30 -0.01 -6.99	2.97 0.15 -8.59	3.09 0.11 -6.92	6.29 -0.03 -5.72	8.84 -0.12 -3.39	10.79 -0.12 -4.77	5.74 0.02 -7.21	3.41 0.04 -8.52
NIAGARA_115W_LBMP 323714	25.85 -0.85 0.00	16.67 -0.42 -1.89	18.19 -0.56 -1.43	13.35 -0.31 -3.72	11.89 -0.18 -4.82	20.98 -0.50 -2.36	26.12 -1.02 -1.21	25.51 -1.36 -0.66	23.66 -1.34 -0.26	26.95 -1.27 0.00	25.13 -1.38 0.00	25.75 -0.95 0.00	24.31 -0.94 0.00	27.93 -0.91 0.00	27.25 -0.73 0.00	9.11 -0.09 -6.48	7.29 -0.01 -6.98	2.95 0.15 -8.58	3.09 0.13 -6.91	6.28 -0.03 -5.71	8.84 -0.11 -3.38	10.78 -0.12 -4.76	5.74 0.03 -7.20	3.40 0.04 -8.51
NIAGARA_230_LBMP 323716	26.05 -0.65 0.00	16.76 -0.32 -1.88	18.29 -0.45 -1.42	13.39 -0.25 -3.70	11.88 -0.16 -4.79	21.03 -0.44 -2.34	26.27 -0.86 -1.21	25.75 -1.12 -0.66	23.85 -1.15 -0.26	27.16 -1.05 0.00	25.33 -1.18 0.00	25.93 -0.77 0.00	24.49 -0.76 0.00	28.13 -0.71 0.00	27.44 -0.54 0.00	9.11 -0.06 -6.43	7.24 -0.02 -6.93	2.84 0.09 -8.52	2.98 0.07 -6.86	6.25 -0.02 -5.68	8.87 -0.07 -3.36	10.81 -0.06 -4.73	5.67 0.01 -7.16	3.29 -0.01 -8.45
NIAGARA__115KV_198_GIBSON 55903	25.85 -0.85 0.00	16.67 -0.42 -1.89	18.19 -0.56 -1.43	13.35 -0.31 -3.72	11.89 -0.18 -4.82	21.00 -0.49 -2.36	26.11 -1.02 -1.21	25.52 -1.36 -0.66	23.67 -1.33 -0.26	26.95 -1.27 0.00	25.13 -1.38 0.00	25.75 -0.95 0.00	24.31 -0.94 0.00	27.93 -0.91 0.00	27.25 -0.72 0.00	9.11 -0.09 -6.48	7.29 -0.01 -6.98	2.95 0.15 -8.58	3.09 0.13 -6.91	6.28 -0.03 -5.71	8.84 -0.11 -3.38	10.78 -0.12 -4.76	5.74 0.03 -7.20	3.40 0.04 -8.51
NIAGARA____ 23760	26.05 -0.65 0.00	16.77 -0.32 -1.89	18.30 -0.45 -1.43	13.42 -0.25 -3.73	11.92 -0.16 -4.83	21.05 -0.44 -2.36	26.28 -0.86 -1.21	25.76 -1.12 -0.66	23.85 -1.15 -0.26	27.16 -1.05 0.00	25.33 -1.18 0.00	25.93 -0.77 0.00	24.49 -0.76 0.00	28.13 -0.71 0.00	27.44 -0.54 0.00	9.16 -0.06 -6.48	7.29 -0.02 -6.98	2.91 0.09 -8.58	3.04 0.07 -6.92	6.29 -0.02 -5.71	8.89 -0.07 -3.38	10.84 -0.06 -4.75	5.72 0.01 -7.20	3.35 -0.01 -8.51
NINE_MILE_1 23575	26.04 -0.66 0.00	15.96 -0.37 -1.13	17.74 -0.43 -0.85	11.91 -0.25 -2.22	9.95 -0.17 -2.87	20.07 -0.46 -1.40	26.01 -0.63 -0.72	25.96 -0.65 -0.39	24.27 -0.63 -0.16	27.55 -0.67 0.00	25.87 -0.64 0.00	26.12 -0.59 0.00	24.70 -0.55 0.00	28.21 -0.62 0.00	27.37 -0.60 0.00	6.53 -0.06 -3.86	4.48 -0.01 -4.16	-0.54 0.12 -5.11	0.25 0.09 -4.12	3.99 -0.01 -3.40	7.47 -0.11 -2.02	8.86 -0.13 -2.83	2.83 0.03 -4.29	0.03 0.11 -5.07
NINE_MILE_2 23744	26.04 -0.66 0.00	15.95 -0.37 -1.12	17.74 -0.43 -0.85	11.90 -0.25 -2.21	9.94 -0.17 -2.86	20.07 -0.46 -1.40	26.01 -0.63 -0.72	25.95 -0.65 -0.39	24.27 -0.63 -0.15	27.55 -0.67 0.00	25.87 -0.64 0.00	26.12 -0.59 0.00	24.70 -0.55 0.00	28.21 -0.62 0.00	27.37 -0.60 0.00	6.52 -0.06 -3.85	4.46 -0.01 -4.14	-0.55 0.12 -5.09	0.24 0.09 -4.10	3.98 -0.01 -3.39	7.47 -0.11 -2.01	8.85 -0.13 -2.82	2.82 0.03 -4.28	0.01 0.11 -5.05
NM_CAPITAL____DRP 24208	27.19 0.49 0.00	24.31 0.30 -8.79	24.30 0.32 -6.66	27.45 0.17 -17.34	29.81 0.11 -22.45	30.41 0.31 -10.97	31.97 0.40 -5.65	29.65 0.36 -3.08	26.31 0.35 -1.22	28.53 0.32 0.00	26.90 0.39 0.00	27.06 0.35 0.00	25.61 0.36 0.00	29.23 0.40 0.00	28.36 0.39 0.00	32.93 0.04 -30.16	32.81 0.01 -32.48	34.09 -0.09 -39.95	28.17 -0.06 -32.18	27.21 0.01 -26.60	21.42 0.10 -15.76	28.41 0.10 -22.15	32.02 -0.02 -33.54	34.35 -0.10 -39.60
NM_CENTRAL____DRP 24181	26.51 -0.18 0.00	16.47 -0.11 -1.38	18.23 -0.14 -1.04	12.58 -0.07 -2.72	10.72 -0.05 -3.52	20.72 -0.13 -1.72	26.64 -0.17 -0.89	26.52 -0.17 -0.48	24.75 -0.18 -0.19	28.06 -0.15 0.00	26.37 -0.13 0.00	26.64 -0.07 0.00	25.21 -0.04 0.00	28.81 -0.03 0.00	27.93 -0.04 0.00	7.45 -0.01 -4.73	5.42 0.00 -5.09	0.49 0.01 -6.26	1.10 0.01 -5.04	4.76 0.00 -4.17	8.04 0.00 -2.47	9.62 0.00 -3.47	3.76 0.00 -5.25	1.06 0.00 -6.20
NM_FRONTIER____DRP 24179	25.85 -0.85 0.00	16.67 -0.42 -1.89	18.19 -0.56 -1.43	13.35 -0.31 -3.72	11.89 -0.18 -4.82	21.00 -0.49 -2.36	26.11 -1.02 -1.21	25.52 -1.36 -0.66	23.67 -1.33 -0.26	26.95 -1.27 0.00	25.13 -1.38 0.00	25.75 -0.95 0.00	24.31 -0.94 0.00	27.93 -0.91 0.00	27.25 -0.72 0.00	9.11 -0.09 -6.48	7.29 -0.01 -6.98	2.95 0.15 -8.58	3.09 0.13 -6.91	6.28 -0.03 -5.71	8.84 -0.11 -3.38	10.78 -0.12 -4.76	5.74 0.03 -7.20	3.40 0.04 -8.51
NM_ST_REGIS____HYD 24053	26.77 0.07 0.00	15.64 0.05 -0.39	17.62 0.01 -0.29	10.68 -0.02 -0.76	8.25 0.01 -0.99	19.63 0.01 -0.48	26.26 0.09 -0.25	26.46 0.11 -0.14	25.00 0.21 -0.05	28.69 0.47 0.00	26.90 0.39 0.00	26.67 -0.03 0.00	24.63 -0.62 0.00	28.19 -0.64 0.00	27.23 -0.75 0.00	4.03 -0.03 -1.33	1.77 0.00 -1.44	-3.73 0.28 -1.76	-2.39 0.14 -1.42	1.77 0.00 -1.17	5.86 -0.40 -0.70	6.69 -0.44 -0.98	0.10 0.11 -1.48	-3.05 0.35 -1.75
NORTHPORT____1 23551	28.22 1.52 0.00	23.31 0.83 -7.28	23.83 1.00 -5.51	24.81 0.53 -14.34	26.23 0.42 -18.57	29.17 0.97 -9.08	31.95 1.36 -4.68	30.23 1.47 -2.55	27.24 1.49 -1.01	29.87 1.65 0.00	28.30 1.83 0.03	28.05 1.72 0.37	27.88 1.81 -0.81	31.61 2.08 -0.70	32.14 2.12 -2.05	39.82 0.20 -36.88	27.22 0.02 -26.87	26.86 -0.42 -33.05	22.41 -0.25 -26.62	22.64 0.04 -22.00	19.00 0.39 -13.03	24.91 0.43 -18.32	26.14 -0.11 -27.74	27.27 -0.34 -32.76
NORTHPORT____2 23552	28.22 1.52 0.00	23.31 0.83 -7.28	23.83 1.00 -5.51	24.81 0.53 -14.34	26.23 0.42 -18.57	29.17 0.97 -9.08	31.95 1.36 -4.68	30.23 1.47 -2.55	27.24 1.49 -1.01	29.87 1.65 0.00	28.30 1.83 0.03	28.05 1.72 0.37	27.88 1.81 -0.81	31.61 2.08 -0.70	32.14 2.12 -2.05	39.82 0.20 -36.88	27.22 0.02 -26.87	26.86 -0.42 -33.05	22.41 -0.25 -26.62	22.64 0.04 -22.00	19.00 0.39 -13.03	24.91 0.43 -18.32	26.14 -0.11 -27.74	27.27 -0.34 -32.76

NORTHPORT___3 23553	28.16 1.46 0.00	23.28 0.80 -7.28	23.77 0.94 -5.51	24.79 0.51 -14.34	26.21 0.39 -18.57	29.12 0.92 -9.08	31.87 1.27 -4.68	30.12 1.36 -2.55	27.13 1.39 -1.01	29.78 1.57 0.00	28.24 1.79 0.05	28.04 1.72 0.39	27.87 1.81 -0.81	31.60 2.08 -0.69	32.08 2.07 -2.05	39.77 0.20 -36.83	27.22 0.02 -26.87	26.86 -0.41 -33.05	22.42 -0.25 -26.62	22.64 0.04 -22.00	18.99 0.39 -13.03	24.90 0.42 -18.32	26.14 -0.11 -27.74	27.28 -0.34 -32.76
NORTHPORT___4 23650	28.16 1.46 0.00	23.28 0.80 -7.28	23.77 0.94 -5.51	24.79 0.51 -14.34	26.21 0.39 -18.57	29.12 0.92 -9.08	31.87 1.27 -4.68	30.12 1.36 -2.55	27.13 1.39 -1.01	29.78 1.57 0.00	28.24 1.79 0.05	28.04 1.72 0.39	27.87 1.81 -0.81	31.60 2.08 -0.69	32.08 2.07 -2.05	39.77 0.20 -36.83	27.22 0.02 -26.87	26.86 -0.41 -33.05	22.42 -0.25 -26.62	22.64 0.04 -22.00	18.99 0.39 -13.03	24.90 0.42 -18.32	26.14 -0.11 -27.74	27.28 -0.34 -32.76
NORTHPORT___IC 23718	28.22 1.52 0.00	23.31 0.83 -7.28	23.83 1.00 -5.51	24.81 0.53 -14.34	26.23 0.42 -18.57	29.17 0.97 -9.08	31.95 1.36 -4.68	30.23 1.47 -2.55	27.24 1.49 -1.01	29.87 1.65 0.00	28.30 1.83 0.03	28.05 1.72 0.37	27.88 1.81 -0.81	31.61 2.08 -0.70	32.14 2.12 -2.05	39.82 0.20 -36.88	27.22 0.02 -26.87	26.86 -0.42 -33.05	22.41 -0.25 -26.62	22.64 0.04 -22.00	19.00 0.39 -13.03	24.91 0.43 -18.32	26.14 -0.11 -27.74	27.27 -0.34 -32.76
NORTH___COUNTRY_ESR 323785	26.60 -0.09 0.00	15.50 -0.02 -0.31	17.53 -0.03 -0.23	10.52 -0.03 -0.61	8.04 0.01 -0.78	19.52 0.01 -0.38	26.13 0.01 -0.20	26.31 -0.01 -0.11	24.88 0.10 -0.04	28.55 0.34 0.00	26.83 0.32 0.00	26.70 0.00 0.00	24.70 -0.55 0.00	28.32 -0.51 0.00	27.29 -0.68 0.00	3.73 -0.06 -1.05	1.47 0.01 -1.13	-4.02 0.36 -1.40	-2.62 0.21 -1.12	1.51 -0.01 -0.93	5.56 -0.56 -0.55	6.34 -0.59 -0.77	-0.18 0.14 -1.17	-3.34 0.43 -1.38
NPX_GEN_1385_PROXY 323591	27.90 1.54 0.34	23.23 0.75 -7.28	23.93 1.10 -5.51	24.81 0.53 -14.34	26.28 0.45 -18.57	29.17 0.97 -9.08	31.93 1.33 -4.68	30.24 1.48 -2.55	27.38 1.64 -1.01	30.04 1.83 0.00	28.56 2.09 0.03	27.92 1.58 0.37	27.75 1.68 -0.81	31.58 1.94 -0.81	32.25 2.22 -2.05	39.81 0.20 -36.88	27.21 0.01 -26.87	26.88 -0.40 -33.05	22.45 -0.21 -26.62	22.63 0.03 -22.00	18.96 0.36 -13.03	24.87 0.39 -18.32	26.14 -0.12 -27.74	27.26 -0.35 -32.76
NPX_GEN_CSC 323557	28.34 1.98 0.34	23.57 1.08 -7.28	24.10 1.27 -5.51	24.97 0.69 -14.34	26.34 0.52 -18.57	29.46 1.26 -9.08	32.37 1.77 -4.68	30.66 1.90 -2.55	27.64 1.90 -1.01	30.35 2.13 0.00	28.78 2.23 -0.05	28.52 2.07 0.26	28.34 2.13 -0.96	32.24 2.48 -0.93	32.68 2.54 -2.17	39.86 0.26 -36.88	27.23 0.02 -26.87	26.74 -0.53 -33.05	22.33 -0.34 -26.62	22.65 0.05 -22.00	19.13 0.52 -13.03	25.04 0.57 -18.32	26.11 -0.14 -27.74	27.18 -0.44 -32.76
NSINS_S_GLNS_FALLS 23858	28.46 1.77 0.00	25.26 1.02 -9.03	25.31 1.15 -6.84	28.41 0.66 -17.81	30.77 0.46 -23.06	31.65 1.25 -11.27	33.44 1.71 -5.81	31.07 1.70 -3.16	27.59 1.60 -1.25	29.99 1.78 0.00	28.05 1.55 0.00	28.32 1.62 0.00	26.72 1.47 0.00	30.55 1.71 0.00	29.59 1.61 0.00	33.86 0.15 -30.98	33.71 0.02 -33.36	34.93 -0.33 -41.03	28.90 -0.20 -33.05	27.95 0.03 -27.32	22.07 0.31 -16.18	29.25 0.34 -22.75	32.86 -0.10 -34.45	35.18 -0.35 -40.68
NUCOR_STEEL___DRP 24197	26.75 0.06 0.00	16.88 0.03 -1.65	18.60 0.03 -1.24	13.20 0.02 -3.24	11.47 0.02 -4.20	21.24 0.05 -2.05	27.06 0.09 -1.06	26.87 0.09 -0.58	25.03 0.06 -0.23	28.36 0.14 0.00	26.64 0.13 0.00	26.92 0.22 0.00	25.47 0.23 0.00	29.09 0.25 0.00	28.23 0.26 0.00	8.39 0.02 -5.64	6.41 0.00 -6.07	1.64 -0.05 -7.47	2.03 -0.03 -6.01	5.57 0.00 -4.97	8.58 0.06 -2.95	10.36 0.06 -4.14	4.76 -0.02 -6.27	2.21 -0.05 -7.40
NUMBER_THREE_WT_PWR 323818	26.83 0.14 0.00	15.92 0.08 -0.63	17.83 0.04 -0.48	11.14 -0.04 -1.24	8.84 -0.02 -1.61	19.94 0.03 -0.79	26.52 0.19 -0.40	26.68 0.25 -0.22	25.20 0.37 -0.09	28.85 0.64 0.00	27.02 0.51 0.00	26.97 0.26 0.00	24.90 -0.34 0.00	28.20 -0.63 0.00	27.07 -0.90 0.00	4.81 -0.08 -2.16	2.64 -0.02 -2.33	-2.69 0.22 -2.86	-1.52 0.13 -2.31	2.50 -0.01 -1.91	6.57 -0.13 -1.13	7.56 -0.18 -1.59	0.99 0.08 -2.41	-2.08 0.23 -2.84
NYISO_LBMP_REFERENCE 24008	26.70 0.00 0.00	15.21 0.00 0.00	17.32 0.00 0.00	9.94 0.00 0.00	7.25 0.00 0.00	19.13 0.00 0.00	25.92 0.00 0.00	26.21 0.00 0.00	24.74 0.00 0.00	28.21 0.00 0.00	26.50 0.00 0.00	26.70 0.00 0.00	25.25 0.00 0.00	28.83 0.00 0.00	27.97 0.00 0.00	2.73 0.00 0.00	0.33 0.00 0.00	-5.77 0.00 0.00	-3.95 0.00 0.00	0.60 0.00 0.00	5.57 0.00 0.00	6.15 0.00 0.00	-1.49 0.00 0.00	-5.15 0.00 0.00
NYPA_BRENTWD___GT 24164	28.55 1.85 0.00	23.49 1.01 -7.28	24.00 1.18 -5.51	24.92 0.64 -14.34	26.31 0.49 -18.57	29.38 1.18 -9.08	32.24 1.65 -4.68	30.53 1.77 -2.55	27.52 1.77 -1.01	30.18 1.97 0.00	28.75 2.09 -0.15	28.60 2.00 0.11	28.47 2.09 -1.14	32.21 2.41 -0.97	32.72 2.44 -2.31	39.84 0.24 -36.87	27.22 0.02 -26.87	26.78 -0.50 -33.05	22.36 -0.31 -26.62	22.65 0.05 -22.00	19.08 0.47 -13.03	24.99 0.51 -18.32	26.12 -0.13 -27.74	27.21 -0.41 -32.76
NYPA_GOWANUS___GT5 24156	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NYPA_GOWANUS___GT6 24157	28.05 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.35 -18.57	29.14 0.93 -9.07	31.85 1.25 -4.67	30.07 1.31 -2.55	27.02 1.27 -1.01	29.55 1.33 0.00	27.75 1.24 0.00	27.87 1.17 0.00	26.53 1.28 0.00	30.25 1.42 0.00	29.40 1.42 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.95 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NYPA_HARLEM__RVR_GT1 24160	27.84 1.14 0.01	23.11 0.63 -7.27	23.51 0.68 -5.50	24.67 0.40 -14.34	26.11 0.30 -18.56	28.96 0.76 -9.07	31.63 1.04 -4.67	29.88 1.12 -2.55	26.83 1.08 -1.01	29.35 1.13 0.00	27.61 1.11 0.00	27.72 1.02 0.00	26.34 1.09 0.00	30.00 1.17 0.00	29.18 1.21 0.00	27.80 0.12 -24.94	27.19 0.01 -26.85	26.98 -0.28 -33.03	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.37 -0.23 -32.75
NYPA_HARLEM__RVR_GT2 24161	27.84 1.14 0.01	23.11 0.63 -7.27	23.51 0.68 -5.50	24.67 0.40 -14.34	26.11 0.30 -18.56	28.96 0.76 -9.07	31.63 1.04 -4.67	29.88 1.12 -2.55	26.83 1.08 -1.01	29.35 1.13 0.00	27.61 1.11 0.00	27.72 1.02 0.00	26.34 1.09 0.00	30.00 1.17 0.00	29.18 1.21 0.00	27.80 0.12 -24.94	27.19 0.01 -26.85	26.98 -0.28 -33.03	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.74	27.37 -0.23 -32.75

NYPA_KENT____GT 24152	28.01 1.31 0.00	23.19 0.71 -7.27	23.62 0.79 -5.51	24.74 0.46 -14.34	26.16 0.34 -18.57	29.10 0.90 -9.07	31.80 1.20 -4.67	30.03 1.27 -2.55	26.97 1.23 -1.01	29.50 1.29 0.00	27.70 1.20 0.00	27.83 1.13 0.00	26.50 1.25 0.00	30.21 1.37 0.00	29.34 1.37 0.00	27.81 0.14 -24.95	27.20 0.01 -26.86	26.96 -0.31 -33.04	22.46 -0.20 -26.61	22.63 0.03 -22.00	18.88 0.28 -13.03	24.77 0.30 -18.32	26.16 -0.08 -27.74	27.35 -0.26 -32.76
NYPA_POUCH1____GT 24155	28.06 1.36 0.00	23.21 0.73 -7.27	23.64 0.82 -5.51	24.75 0.47 -14.34	26.17 0.36 -18.57	29.14 0.93 -9.07	31.85 1.26 -4.67	30.08 1.32 -2.55	27.02 1.28 -1.01	29.54 1.33 0.00	27.73 1.22 0.00	27.85 1.14 0.00	26.50 1.25 0.00	30.23 1.40 0.00	29.38 1.41 0.00	27.82 0.14 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.21 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.31 -18.32	26.16 -0.08 -27.74	27.34 -0.28 -32.76
NYPA_VERNON____GT2 24162	27.96 1.26 0.00	23.17 0.69 -7.27	23.59 0.77 -5.51	24.72 0.44 -14.34	26.15 0.33 -18.57	29.08 0.87 -9.07	31.76 1.16 -4.67	29.98 1.22 -2.55	26.92 1.18 -1.01	29.46 1.24 0.00	27.67 1.17 0.00	27.79 1.09 0.00	26.46 1.22 0.00	30.16 1.33 0.00	29.29 1.32 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.97 -0.30 -33.04	22.47 -0.19 -26.61	22.62 0.03 -22.00	18.87 0.27 -13.03	24.76 0.29 -18.32	26.17 -0.08 -27.74	27.36 -0.25 -32.76
NYPA_VERNON____GT3 24163	27.96 1.26 0.00	23.17 0.69 -7.27	23.59 0.77 -5.51	24.72 0.44 -14.34	26.15 0.33 -18.57	29.08 0.87 -9.07	31.76 1.16 -4.67	29.98 1.22 -2.55	26.92 1.18 -1.01	29.46 1.24 0.00	27.67 1.17 0.00	27.79 1.09 0.00	26.46 1.22 0.00	30.16 1.33 0.00	29.29 1.32 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.97 -0.30 -33.04	22.47 -0.19 -26.61	22.62 0.03 -22.00	18.87 0.27 -13.03	24.76 0.29 -18.32	26.17 -0.08 -27.74	27.36 -0.25 -32.76
NYPA__ASTORIA_CC1 323568	27.93 1.23 0.00	23.15 0.67 -7.27	23.57 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.88 1.14 -1.01	29.40 1.19 0.00	27.62 1.12 0.00	27.74 1.04 0.00	26.43 1.18 0.00	30.10 1.27 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
NYPA__ASTORIA_CC2 323569	27.93 1.23 0.00	23.15 0.67 -7.27	23.57 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.71 1.11 -4.67	29.93 1.17 -2.55	26.88 1.14 -1.01	29.40 1.19 0.00	27.62 1.12 0.00	27.74 1.04 0.00	26.43 1.18 0.00	30.10 1.27 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
NYPA__HOLTSVILL 23794	28.47 1.77 0.00	23.46 0.97 -7.28	23.97 1.14 -5.51	24.90 0.62 -14.34	26.29 0.47 -18.57	29.33 1.12 -9.08	32.18 1.59 -4.68	30.46 1.70 -2.55	27.46 1.72 -1.01	30.12 1.91 0.00	28.58 2.04 -0.04	28.36 1.92 0.26	28.18 1.99 -0.94	31.95 2.30 -0.81	32.47 2.34 -2.16	39.84 0.23 -36.87	27.22 0.02 -26.87	26.80 -0.48 -33.05	22.37 -0.30 -26.62	22.65 0.05 -22.00	19.07 0.46 -13.03	24.98 0.50 -18.32	26.12 -0.13 -27.74	27.22 -0.39 -32.76
NYPA____HELLGATE_GT1 24158	27.81 1.11 0.01	23.09 0.61 -7.27	23.48 0.66 -5.50	24.66 0.38 -14.34	26.10 0.29 -18.56	28.93 0.73 -9.07	31.59 1.00 -4.67	29.85 1.09 -2.55	26.79 1.04 -1.01	29.31 1.09 0.00	27.60 1.10 0.00	27.69 0.99 0.00	26.31 1.06 0.00	29.96 1.13 0.00	29.14 1.17 0.00	27.79 0.12 -24.94	27.19 0.01 -26.85	26.99 -0.27 -33.03	22.48 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.25 -18.32	26.18 -0.07 -27.74	27.38 -0.22 -32.75
NYPA____HELLGATE_GT2 24159	27.81 1.11 0.01	23.09 0.61 -7.27	23.48 0.66 -5.50	24.66 0.38 -14.34	26.10 0.29 -18.56	28.93 0.73 -9.07	31.59 1.00 -4.67	29.85 1.09 -2.55	26.79 1.04 -1.01	29.31 1.09 0.00	27.60 1.10 0.00	27.69 0.99 0.00	26.31 1.06 0.00	29.96 1.13 0.00	29.14 1.17 0.00	27.79 0.12 -24.94	27.19 0.01 -26.85	26.99 -0.27 -33.03	22.48 -0.17 -26.61	22.62 0.03 -22.00	18.84 0.24 -13.03	24.73 0.25 -18.32	26.18 -0.07 -27.74	27.38 -0.22 -32.75
NYS_BARGE__HYD 23848	26.33 -0.37 0.00	16.89 -0.18 -1.87	18.45 -0.28 -1.41	13.46 -0.16 -3.68	11.89 -0.12 -4.76	21.18 -0.27 -2.33	26.50 -0.62 -1.20	25.93 -0.93 -0.65	24.04 -0.96 -0.26	27.38 -0.83 0.00	25.54 -0.97 0.00	26.18 -0.52 0.00	24.74 -0.51 0.00	28.39 -0.45 0.00	27.68 -0.30 0.00	9.09 -0.04 -6.40	7.21 -0.01 -6.89	2.75 0.05 -8.47	2.92 0.05 -6.82	6.22 -0.02 -5.64	8.89 -0.02 -3.34	10.83 -0.02 -4.70	5.62 0.00 -7.11	3.21 -0.04 -8.40
OAK ORCHARD__HYD 24046	26.65 -0.05 0.00	16.87 -0.02 -1.69	18.52 -0.08 -1.28	13.23 -0.04 -3.33	11.55 -0.01 -4.31	21.21 -0.02 -2.11	26.85 -0.16 -1.09	26.53 -0.27 -0.59	24.68 -0.29 -0.23	28.08 -0.14 0.00	26.28 -0.22 0.00	26.77 0.06 0.00	25.32 0.07 0.00	28.99 0.16 0.00	28.18 0.21 0.00	8.54 0.02 -5.79	6.56 -0.01 -6.24	1.84 -0.05 -7.67	2.20 -0.03 -6.18	5.70 0.00 -5.11	8.66 0.06 -3.03	10.48 0.08 -4.25	4.93 -0.02 -6.44	2.37 -0.09 -7.60
OAKDALE__35_KV_LOAD 356122	26.72 0.02 0.00	18.32 0.00 -3.12	19.70 0.02 -2.36	16.11 0.03 -6.15	15.24 0.03 -7.96	23.06 0.04 -3.89	28.01 0.08 -2.00	27.40 0.10 -1.09	25.20 0.03 -0.43	28.30 0.08 0.00	26.59 0.08 0.00	26.86 0.16 0.00	25.50 0.25 0.00	29.13 0.30 0.00	28.23 0.26 0.00	13.44 0.02 -10.69	11.86 0.02 -11.51	8.35 -0.04 -14.16	7.43 -0.02 -11.41	10.03 0.00 -9.43	11.21 0.06 -5.58	14.07 0.06 -7.85	10.38 -0.02 -11.89	8.85 -0.05 -14.04
OCC_CHEM__DRP 24175	25.90 -0.79 0.00	16.71 -0.39 -1.89	18.23 -0.52 -1.43	13.37 -0.29 -3.73	11.91 -0.17 -4.83	21.03 -0.45 -2.36	26.16 -0.97 -1.22	25.57 -1.30 -0.66	23.71 -1.29 -0.26	27.01 -1.21 0.00	25.18 -1.32 0.00	25.81 -0.90 0.00	24.36 -0.89 0.00	27.98 -0.85 0.00	27.30 -0.67 0.00	9.13 -0.09 -6.48	7.30 -0.01 -6.98	2.94 0.13 -8.58	3.08 0.12 -6.92	6.28 -0.03 -5.72	8.85 -0.10 -3.39	10.80 -0.11 -4.76	5.74 0.02 -7.20	3.39 0.02 -8.51
OH_GEN_PROXY 24063	25.74 -0.62 0.34	16.76 -0.32 -1.88	18.30 -0.44 -1.42	13.39 -0.24 -3.70	11.88 -0.15 -4.78	21.05 -0.42 -2.34	26.32 -0.81 -1.21	25.83 -1.04 -0.66	23.92 -1.08 -0.26	27.23 -0.98 0.00	25.41 -1.09 0.00	25.99 -0.71 0.00	24.56 -0.69 0.00	28.32 -0.63 -0.11	27.50 -0.48 0.00	9.11 -0.05 -6.43	7.24 -0.02 -6.92	2.83 0.08 -8.52	2.98 0.07 -6.86	6.25 -0.02 -5.67	8.87 -0.06 -3.36	10.83 -0.05 -4.72	5.66 0.00 -7.15	3.28 -0.02 -8.45
OLIN_CORP_DRP 24177	25.99 -0.71 0.00	16.73 -0.37 -1.90	18.27 -0.49 -1.44	13.41 -0.27 -3.74	11.88 -0.21 -4.85	20.98 -0.51 -2.37	26.19 -0.95 -1.22	25.56 -1.31 -0.66	23.69 -1.31 -0.26	26.97 -1.25 0.00	25.15 -1.36 0.00	25.78 -0.92 0.00	24.33 -0.92 0.00	27.95 -0.88 0.00	27.28 -0.69 0.00	9.17 -0.08 -6.51	7.33 -0.01 -7.01	2.99 0.14 -8.63	3.10 0.10 -6.95	6.32 -0.03 -5.74	8.86 -0.11 -3.40	10.83 -0.11 -4.78	5.77 0.02 -7.24	3.44 0.03 -8.55

OLIN_CORP_DSASP 323712	25.91 -0.79 0.00	16.70 -0.40 -1.89	18.23 -0.52 -1.43	13.37 -0.30 -3.73	11.90 -0.17 -4.83	21.02 -0.47 -2.36	26.17 -0.97 -1.22	25.57 -1.30 -0.66	23.71 -1.29 -0.26	27.01 -1.21 0.00	25.18 -1.32 0.00	25.80 -0.90 0.00	24.36 -0.89 0.00	27.98 -0.86 0.00	27.30 -0.67 0.00	9.13 -0.09 -6.48	7.30 -0.01 -6.98	2.95 0.13 -8.58	3.08 0.12 -6.92	6.28 -0.03 -5.72	8.86 -0.10 -3.39	10.80 -0.11 -4.76	5.74 0.02 -7.20	3.39 0.03 -8.51
ONEIDA_HERK_LFGE 323681	27.06 0.36 0.00	15.94 0.20 -0.53	17.93 0.20 -0.40	11.08 0.09 -1.05	8.68 0.07 -1.36	20.02 0.23 -0.67	26.67 0.40 -0.34	26.85 0.46 -0.19	25.33 0.52 -0.07	28.93 0.71 0.00	27.15 0.64 0.00	27.23 0.52 0.00	25.51 0.26 0.00	29.02 0.19 0.00	28.02 0.05 0.00	4.57 0.01 -1.83	2.30 0.00 -1.97	-3.33 0.02 -2.42	-2.00 0.00 -1.95	2.21 0.01 -1.61	6.54 0.01 -0.95	7.49 0.00 -1.34	0.56 0.02 -2.03	-2.70 0.05 -2.40
ONEIDA___115KV_TB4 55905	27.24 0.54 0.00	16.38 0.30 -0.87	18.33 0.34 -0.66	11.86 0.19 -1.72	9.63 0.15 -2.23	20.62 0.40 -1.09	27.10 0.62 -0.56	27.19 0.67 -0.31	25.52 0.66 -0.12	29.05 0.83 0.00	27.31 0.80 0.00	27.50 0.80 0.00	25.96 0.72 0.00	29.62 0.79 0.00	28.67 0.70 0.00	5.80 0.06 -3.00	3.57 0.01 -3.23	-1.91 -0.11 -3.97	-0.82 -0.07 -3.20	3.26 0.01 -2.65	7.25 0.11 -1.57	8.47 0.11 -2.20	1.82 -0.02 -3.34	-1.29 -0.07 -3.94
ONONDAGA_REF_OCCRA 23987	26.67 -0.03 0.00	16.72 -0.03 -1.54	18.45 -0.04 -1.17	12.97 -0.01 -3.05	11.19 -0.01 -3.94	21.04 -0.02 -1.93	26.91 -0.01 -0.99	26.76 0.00 -0.54	24.94 -0.02 -0.21	28.26 0.04 0.00	26.56 0.05 0.00	26.82 0.12 0.00	25.38 0.14 0.00	29.00 0.16 0.00	28.12 0.15 0.00	8.03 0.01 -5.29	6.03 0.00 -5.70	1.21 -0.03 -7.01	1.68 -0.01 -5.65	5.27 0.00 -4.67	8.37 0.03 -2.77	10.08 0.04 -3.89	4.39 -0.01 -5.89	1.78 -0.02 -6.95
ONONDAGA___COGEN 23986	26.63 -0.07 0.00	16.65 -0.05 -1.49	18.39 -0.06 -1.13	12.85 -0.03 -2.94	11.04 -0.02 -3.81	20.95 -0.04 -1.86	26.83 -0.05 -0.96	26.68 -0.05 -0.52	24.88 -0.06 -0.21	28.20 -0.01 0.00	26.50 -0.01 0.00	26.77 0.06 0.00	25.33 0.08 0.00	28.93 0.09 0.00	28.06 0.09 0.00	7.85 0.00 -5.12	5.84 0.00 -5.51	0.99 -0.02 -6.78	1.50 -0.01 -5.46	5.11 0.00 -4.51	8.27 0.02 -2.67	9.93 0.02 -3.76	4.19 0.00 -5.69	1.56 -0.01 -6.72
ONTARIO___LFGE 23819	26.77 0.08 0.00	17.09 0.06 -1.82	18.75 0.05 -1.38	13.58 0.05 -3.60	11.95 0.04 -4.66	21.48 0.08 -2.28	27.24 0.15 -1.17	26.99 0.14 -0.64	25.03 0.04 -0.25	28.40 0.18 0.00	26.61 0.11 0.00	26.95 0.25 0.00	25.49 0.24 0.00	29.13 0.30 0.00	28.33 0.36 0.00	9.01 0.03 -6.25	7.07 0.01 -6.73	2.44 -0.07 -8.28	2.68 -0.04 -6.67	6.12 0.00 -5.51	8.92 0.09 -3.27	10.84 0.09 -4.59	5.44 -0.02 -6.95	2.99 -0.08 -8.21
ORANGEVILLE_WT_PWR 323706	26.19 -0.50 0.00	17.13 -0.20 -2.13	18.64 -0.29 -1.61	13.98 -0.15 -4.19	12.56 -0.12 -5.42	21.42 -0.36 -2.65	26.68 -0.61 -1.37	26.14 -0.82 -0.75	24.00 -1.03 -0.29	27.16 -1.06 0.00	25.27 -1.23 0.00	25.71 -1.00 0.00	24.39 -0.86 0.00	27.94 -0.89 0.00	27.26 -0.72 0.00	9.95 -0.07 -7.29	8.18 0.00 -7.85	4.01 0.12 -9.65	3.92 0.09 -7.78	7.01 -0.02 -6.43	9.32 -0.06 -3.81	11.44 -0.07 -5.35	6.62 0.01 -8.11	4.43 0.01 -9.57
ORANGEVILLE___ESR 323794	26.19 -0.50 0.00	17.13 -0.20 -2.13	18.64 -0.29 -1.61	13.98 -0.15 -4.19	12.56 -0.12 -5.42	21.42 -0.36 -2.65	26.68 -0.61 -1.37	26.14 -0.82 -0.75	24.00 -1.03 -0.29	27.16 -1.06 0.00	25.27 -1.23 0.00	25.71 -1.00 0.00	24.39 -0.86 0.00	27.94 -0.89 0.00	27.26 -0.72 0.00	9.95 -0.07 -7.29	8.18 0.00 -7.85	4.01 0.12 -9.65	3.92 0.09 -7.78	7.01 -0.02 -6.43	9.32 -0.06 -3.81	11.44 -0.07 -5.35	6.62 0.01 -8.11	4.43 0.01 -9.57
OSWEGATCHIE___HYD 24044	26.57 -0.13 0.00	15.68 -0.07 -0.54	17.59 -0.13 -0.41	10.89 -0.12 -1.07	8.56 -0.07 -1.38	19.65 -0.15 -0.68	26.16 -0.11 -0.35	26.33 -0.07 -0.19	24.88 0.06 -0.07	28.51 0.30 0.00	26.69 0.19 0.00	26.54 -0.16 0.00	24.51 -0.75 0.00	27.89 -0.94 0.00	26.82 -1.15 0.00	4.51 -0.08 -1.86	2.32 -0.01 -2.00	-3.01 0.30 -2.46	-1.81 0.16 -1.98	2.23 -0.01 -1.64	6.23 -0.31 -0.97	7.16 -0.36 -1.36	0.68 0.11 -2.07	-2.38 0.33 -2.44
OSWEGO___5 23606	26.20 -0.49 0.00	16.13 -0.28 -1.20	17.90 -0.32 -0.91	12.12 -0.18 -2.37	10.19 -0.13 -3.07	20.28 -0.35 -1.50	26.22 -0.48 -0.77	26.14 -0.49 -0.42	24.44 -0.47 -0.17	27.73 -0.49 0.00	26.04 -0.47 0.00	26.29 -0.41 0.00	24.87 -0.38 0.00	28.41 -0.43 0.00	27.55 -0.42 0.00	6.81 -0.04 -4.13	4.76 -0.01 -4.44	-0.22 0.09 -5.46	0.51 0.06 -4.40	4.22 -0.01 -3.64	7.65 -0.08 -2.15	9.10 -0.09 -3.03	3.12 0.02 -4.59	0.34 0.07 -5.42
OSWEGO___6 23613	26.20 -0.49 0.00	16.13 -0.28 -1.20	17.90 -0.32 -0.91	12.12 -0.18 -2.37	10.19 -0.13 -3.07	20.28 -0.35 -1.50	26.22 -0.48 -0.77	26.14 -0.49 -0.42	24.44 -0.47 -0.17	27.73 -0.49 0.00	26.04 -0.47 0.00	26.29 -0.41 0.00	24.87 -0.38 0.00	28.41 -0.43 0.00	27.55 -0.42 0.00	6.81 -0.04 -4.13	4.76 -0.01 -4.44	-0.22 0.09 -5.46	0.51 0.06 -4.40	4.22 -0.01 -3.64	7.65 -0.08 -2.15	9.10 -0.09 -3.03	3.12 0.02 -4.59	0.34 0.07 -5.42
OUTOKUMPU-AB___DRP 24206	26.47 -0.23 0.00	17.02 -0.09 -1.91	18.58 -0.18 -1.44	13.60 -0.10 -3.76	12.07 -0.05 -4.87	21.38 -0.13 -2.38	26.69 -0.46 -1.23	26.13 -0.75 -0.67	24.21 -0.79 -0.26	27.56 -0.65 0.00	25.72 -0.78 0.00	26.34 -0.36 0.00	24.89 -0.35 0.00	28.59 -0.25 0.00	27.87 -0.11 0.00	9.25 -0.03 -6.54	7.37 -0.01 -7.05	2.91 0.02 -8.67	3.06 0.03 -6.98	6.35 -0.02 -5.77	9.00 0.01 -3.42	10.98 0.02 -4.81	5.77 -0.01 -7.27	3.37 -0.07 -8.59
OXBOW___ 24026	26.26 -0.44 0.00	16.90 -0.20 -1.90	18.45 -0.31 -1.44	13.51 -0.17 -3.74	12.01 -0.09 -4.85	21.25 -0.25 -2.37	26.50 -0.65 -1.22	25.93 -0.95 -0.66	24.03 -0.97 -0.26	27.37 -0.85 0.00	25.53 -0.98 0.00	26.15 -0.55 0.00	24.71 -0.54 0.00	28.37 -0.46 0.00	27.67 -0.30 0.00	9.19 -0.05 -6.51	7.33 -0.01 -7.01	2.91 0.06 -8.63	3.06 0.06 -6.95	6.32 -0.02 -5.74	8.95 -0.03 -3.40	10.91 -0.03 -4.78	5.75 0.00 -7.24	3.37 -0.04 -8.55
OXY_CHEM_DSASP 323612	25.90 -0.79 0.00	16.71 -0.39 -1.89	18.23 -0.52 -1.43	13.37 -0.29 -3.73	11.91 -0.17 -4.83	21.03 -0.45 -2.36	26.16 -0.97 -1.22	25.57 -1.30 -0.66	23.71 -1.29 -0.26	27.01 -1.21 0.00	25.18 -1.32 0.00	25.81 -0.90 0.00	24.36 -0.89 0.00	27.98 -0.85 0.00	27.30 -0.67 0.00	9.13 -0.09 -6.48	7.30 -0.01 -6.98	2.94 0.13 -8.58	3.08 0.12 -6.92	6.28 -0.03 -5.72	8.85 -0.10 -3.39	10.80 -0.11 -4.76	5.74 0.02 -7.20	3.39 0.02 -8.51
OZONE_PARK_ESR 323760	28.12 1.42 0.00	23.25 0.77 -7.27	23.69 0.86 -5.51	24.77 0.49 -14.34	26.19 0.37 -18.57	29.18 0.97 -9.07	31.92 1.32 -4.67	30.14 1.38 -2.55	27.09 1.34 -1.01	29.64 1.42 0.00	27.81 1.30 0.00	27.94 1.24 0.00	26.62 1.38 0.00	30.36 1.53 0.00	29.48 1.51 0.00	27.83 0.15 -24.95	27.20 0.01 -26.86	26.93 -0.33 -33.04	22.45 -0.22 -26.61	22.63 0.03 -22.00	18.90 0.30 -13.03	24.80 0.32 -18.32	26.16 -0.08 -27.74	27.33 -0.28 -32.76

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.90 -0.79 0.00	16.71 -0.39 -1.89	18.23 -0.52 -1.43	13.37 -0.29 -3.73	11.91 -0.17 -4.83	21.03 -0.45 -2.36	26.16 -0.97 -1.22	25.57 -1.30 -0.66	23.71 -1.29 -0.26	27.01 -1.21 0.00	25.18 -1.32 0.00	25.81 -0.90 0.00	24.36 -0.89 0.00	27.98 -0.85 0.00	27.30 -0.67 0.00	9.13 -0.09 -6.48	7.30 -0.01 -6.98	2.94 0.13 -8.58	3.08 0.12 -6.92	6.28 -0.03 -5.72	8.85 -0.10 -3.39	10.80 -0.11 -4.76	5.74 0.02 -7.20	3.39 0.02 -8.51
PACKARD__115KV_DUPONT_184 80571	25.90 -0.79 0.00	16.71 -0.39 -1.89	18.23 -0.52 -1.43	13.37 -0.29 -3.73	11.91 -0.17 -4.83	21.03 -0.45 -2.36	26.16 -0.97 -1.22	25.57 -1.30 -0.66	23.71 -1.29 -0.26	27.01 -1.21 0.00	25.18 -1.32 0.00	25.81 -0.90 0.00	24.36 -0.89 0.00	27.98 -0.85 0.00	27.30 -0.67 0.00	9.13 -0.09 -6.48	7.30 -0.01 -6.98	2.94 0.13 -8.58	3.08 0.12 -6.92	6.28 -0.03 -5.72	8.85 -0.10 -3.39	10.80 -0.11 -4.76	5.74 0.02 -7.20	3.39 0.02 -8.51
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.90 1.20 0.00	23.14 0.66 -7.27	23.55 0.73 -5.51	24.70 0.42 -14.34	26.14 0.32 -18.57	29.02 0.82 -9.07	31.70 1.10 -4.67	29.94 1.19 -2.55	26.89 1.14 -1.01	29.42 1.20 0.00	27.65 1.15 0.00	27.76 1.06 0.00	26.39 1.14 0.00	30.09 1.25 0.00	29.25 1.28 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.47 -0.19 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.28 -18.32	26.17 -0.08 -27.74	27.37 -0.25 -32.76
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.98 1.28 0.00	23.17 0.69 -7.27	23.58 0.75 -5.51	24.72 0.44 -14.34	26.15 0.33 -18.57	29.06 0.86 -9.07	31.77 1.18 -4.67	29.99 1.23 -2.55	26.93 1.19 -1.01	29.47 1.25 0.00	27.69 1.19 0.00	27.78 1.07 0.00	26.39 1.14 0.00	30.09 1.25 0.00	29.42 1.44 0.00	27.82 0.15 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.22 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.32 -18.32	26.16 -0.09 -27.74	27.33 -0.28 -32.76
PATROON__115KV_TB1 80586	27.20 0.51 0.00	24.37 0.32 -8.84	24.34 0.33 -6.69	27.55 0.18 -17.43	29.95 0.12 -22.57	30.49 0.32 -11.03	32.03 0.43 -5.68	29.71 0.40 -3.10	26.35 0.39 -1.22	28.59 0.37 0.00	26.97 0.46 0.00	27.12 0.42 0.00	25.66 0.42 0.00	29.30 0.47 0.00	28.43 0.46 0.00	33.10 0.04 -30.33	33.00 0.01 -32.66	34.30 -0.10 -40.17	28.34 -0.07 -32.36	27.36 0.01 -26.75	21.52 0.10 -15.84	28.54 0.11 -22.28	32.21 -0.02 -33.72	34.56 -0.11 -39.83
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.70 0.00 0.00	17.19 -0.01 -2.00	18.73 -0.10 -1.51	13.85 -0.02 -3.93	12.32 -0.02 -5.09	21.57 -0.05 -2.49	26.97 -0.24 -1.28	26.54 -0.37 -0.70	24.51 -0.50 -0.28	27.89 -0.32 0.00	26.04 -0.46 0.00	26.62 -0.08 0.00	25.21 -0.04 0.00	28.95 0.12 0.00	28.17 0.20 0.00	9.57 0.00 -6.84	7.71 0.01 -7.37	3.29 0.00 -9.06	3.36 0.01 -7.30	6.62 -0.01 -6.03	9.19 0.04 -3.57	11.24 0.06 -5.03	6.10 -0.02 -7.61	3.75 -0.09 -8.98
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.01 1.31 0.00	23.29 0.72 -7.37	23.71 0.81 -5.58	24.94 0.47 -14.53	26.41 0.35 -18.81	29.26 0.94 -9.19	31.94 1.29 -4.74	30.13 1.34 -2.58	27.04 1.28 -1.02	29.59 1.38 0.00	27.78 1.28 0.00	27.94 1.23 0.00	26.56 1.31 0.00	30.31 1.48 0.00	29.40 1.43 0.00	28.14 0.14 -25.27	27.55 0.01 -27.21	27.37 -0.32 -33.47	22.80 -0.21 -26.96	22.91 0.03 -22.29	19.07 0.30 -13.20	25.03 0.32 -18.56	26.52 -0.08 -28.10	27.77 -0.27 -33.18
PEEKSKILL____ 23653	27.73 1.03 0.00	22.97 0.55 -7.21	23.40 0.62 -5.46	24.51 0.36 -14.21	25.93 0.27 -18.40	28.85 0.73 -8.99	31.56 1.00 -4.63	29.80 1.07 -2.52	26.75 1.01 -1.00	29.25 1.03 0.00	27.45 0.95 0.00	27.59 0.88 0.00	26.24 0.99 0.00	29.96 1.13 0.00	29.08 1.11 0.00	27.56 0.11 -24.72	26.96 0.01 -26.62	26.72 -0.25 -32.75	22.26 -0.17 -26.38	22.43 0.02 -21.80	18.71 0.23 -12.91	24.56 0.25 -18.16	25.93 -0.07 -27.49	27.10 -0.21 -32.47
PGE MADISON____WINDPWR 24146	27.65 0.95 0.00	18.62 0.43 -2.99	20.16 0.57 -2.26	16.18 0.35 -5.89	15.24 0.37 -7.63	23.78 0.93 -3.73	29.25 1.41 -1.92	28.97 1.71 -1.05	27.01 1.86 -0.41	30.51 2.30 0.00	28.84 2.33 0.00	29.30 2.60 0.00	27.64 2.39 0.00	31.42 2.59 0.00	30.33 2.35 0.00	13.19 0.21 -10.25	11.40 0.03 -11.03	7.41 -0.38 -13.57	6.75 -0.23 -10.93	9.67 0.04 -9.04	11.31 0.39 -5.35	14.10 0.42 -7.52	9.81 -0.09 -11.39	8.02 -0.29 -13.45
PIERCEFIELD____HYD 23852	26.70 0.01 0.00	15.62 0.01 -0.41	17.58 -0.05 -0.31	10.68 -0.05 -0.79	8.26 -0.02 -1.03	19.58 -0.05 -0.50	26.17 -0.01 -0.26	26.37 0.02 -0.14	24.91 0.12 -0.05	28.58 0.36 0.00	26.79 0.28 0.00	26.53 -0.17 0.00	24.48 -0.76 0.00	28.01 -0.82 0.00	27.08 -0.90 0.00	4.07 -0.04 -1.38	1.82 0.00 -1.49	-3.66 0.29 -1.83	-2.33 0.14 -1.47	1.81 -0.01 -1.22	5.90 -0.39 -0.72	6.73 -0.43 -1.02	0.16 0.11 -1.54	-2.99 0.35 -1.82
PINELAWN_CC_1 323563	28.34 1.64 0.00	23.37 0.89 -7.28	23.87 1.04 -5.51	24.84 0.56 -14.34	26.25 0.43 -18.57	29.24 1.03 -9.08	32.06 1.46 -4.68	30.34 1.58 -2.55	27.32 1.57 -1.01	29.95 1.73 0.00	29.02 1.86 -0.65	29.07 1.80 -0.56	29.11 1.89 -1.97	32.69 2.17 -1.68	33.14 2.18 -2.98	39.78 0.22 -36.83	27.22 0.02 -26.87	26.83 -0.45 -33.05	22.39 -0.28 -26.62	22.64 0.04 -22.00	19.03 0.43 -13.03	24.94 0.46 -18.32	26.13 -0.12 -27.74	27.25 -0.37 -32.76
PJM_GEN_HTP_PROXY 323702	27.38 1.17 0.49	23.12 0.64 -7.27	23.54 0.71 -5.51	24.68 0.41 -14.34	26.12 0.31 -18.57	29.01 0.81 -9.07	31.69 1.10 -4.67	29.91 1.15 -2.55	26.36 1.12 -0.50	29.38 1.17 0.00	27.55 1.05 0.00	27.69 0.98 0.00	26.37 1.12 0.00	30.18 1.24 -0.11	29.19 1.22 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.27 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.73	27.38 -0.23 -32.75
PJM_GEN_KEystone 24065	26.49 0.29 0.49	20.14 0.13 -4.81	21.08 0.12 -3.64	19.50 0.09 -9.47	19.60 0.08 -12.27	25.34 0.21 -6.00	27.92 0.25 -1.75	28.15 0.25 -1.68	25.06 0.16 -0.16	28.38 0.16 0.00	26.58 0.07 0.00	26.89 0.18 0.00	25.56 0.31 0.00	29.37 0.43 -0.11	30.17 0.44 -1.75	17.67 0.03 -14.91	18.08 0.01 -17.75	15.96 -0.09 -21.83	13.58 -0.05 -17.59	15.14 0.00 -14.54	14.28 0.10 -8.61	18.37 0.11 -12.11	16.80 -0.03 -18.33	16.38 -0.12 -21.65
PJM_GEN_NEPTUNE_PROXY 323594	27.52 1.31 0.49	23.20 0.71 -7.28	23.66 0.83 -5.51	24.73 0.45 -14.34	26.17 0.35 -18.57	29.03 0.83 -9.08	31.78 1.18 -4.68	30.04 1.28 -2.55	26.53 1.29 -0.51	29.63 1.41 0.00	27.53 1.56 0.54	27.42 1.56 0.84	27.14 1.65 -0.24	31.02 1.87 -0.31	30.41 1.83 -0.61	31.41 0.17 -28.51	27.21 0.01 -26.87	26.91 -0.36 -33.05	22.44 -0.23 -26.62	22.63 0.03 -22.00	18.94 0.34 -13.03	24.85 0.37 -18.32	26.15 -0.10 -27.74	27.32 -0.30 -32.76
PJM_GEN_VFT_PROXY 323633	27.25 1.04 0.49	23.03 0.55 -7.27	23.44 0.62 -5.51	24.63 0.36 -14.34	26.09 0.27 -18.57	28.92 0.72 -9.07	31.56 0.96 -4.67	29.77 1.01 -2.55	26.22 0.97 -0.50	29.20 0.99 0.00	27.39 0.88 0.00	27.51 0.81 0.00	26.22 0.97 0.00	30.01 1.07 -0.11	29.03 1.06 0.00	27.78 0.10 -24.95	27.19 0.00 -26.86	27.02 -0.24 -33.04	22.51 -0.16 -26.61	22.62 0.02 -22.00	18.82 0.22 -13.03	24.70 0.23 -18.32	26.18 -0.06 -27.74	27.40 -0.20 -32.76

PLATSBRG_115KV_PMLD1 355749	26.95 0.26 0.00	15.73 0.22 -0.30	17.78 0.24 -0.23	10.65 0.12 -0.59	8.13 0.12 -0.76	19.79 0.29 -0.37	26.55 0.43 -0.19	26.67 0.35 -0.10	25.21 0.43 -0.04	28.93 0.71 0.00	27.22 0.72 0.00	27.10 0.40 0.00	25.16 -0.09 0.00	28.84 0.01 0.00	27.73 -0.24 0.00	3.74 -0.01 -1.02	1.45 0.01 -1.10	-4.14 0.29 -1.35	-2.70 0.16 -1.09	1.49 -0.01 -0.90	5.62 -0.49 -0.53	6.38 -0.52 -0.75	-0.24 0.12 -1.14	-3.45 0.35 -1.34
PLEASANTVLY___LBMP 24000	27.67 0.97 0.00	23.32 0.54 -7.57	23.66 0.61 -5.73	25.21 0.36 -14.92	26.84 0.26 -19.32	29.27 0.70 -9.44	31.73 0.94 -4.86	29.83 0.97 -2.65	26.70 0.92 -1.05	29.16 0.95 0.00	27.39 0.88 0.00	27.53 0.82 0.00	26.16 0.91 0.00	29.86 1.03 0.00	28.97 1.00 0.00	28.79 0.10 -25.96	28.29 0.01 -27.95	28.38 -0.23 -34.38	23.59 -0.15 -27.69	23.51 0.02 -22.89	19.34 0.21 -13.56	25.44 0.23 -19.06	27.31 -0.06 -28.86	28.74 -0.19 -34.08
PLSNTVLE_13_KV_13.8KVDIST 80602	27.84 1.14 0.00	23.14 0.62 -7.32	23.56 0.70 -5.54	24.77 0.40 -14.43	26.23 0.30 -18.68	29.06 0.80 -9.13	31.72 1.09 -4.70	29.90 1.13 -2.56	26.83 1.08 -1.01	29.35 1.14 0.00	27.55 1.05 0.00	27.70 0.99 0.00	26.35 1.10 0.00	30.08 1.24 0.00	29.18 1.20 0.00	27.95 0.12 -25.10	27.36 0.01 -27.02	27.19 -0.27 -33.24	22.64 -0.18 -26.77	22.75 0.03 -22.13	18.93 0.25 -13.11	24.85 0.27 -18.43	26.34 -0.07 -27.90	27.57 -0.23 -32.95
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.84 1.14 0.00	23.14 0.62 -7.32	23.56 0.70 -5.54	24.77 0.40 -14.43	26.23 0.30 -18.68	29.06 0.80 -9.13	31.72 1.09 -4.70	29.90 1.13 -2.56	26.83 1.08 -1.01	29.35 1.14 0.00	27.55 1.05 0.00	27.70 0.99 0.00	26.35 1.10 0.00	30.08 1.24 0.00	29.18 1.20 0.00	27.95 0.12 -25.10	27.36 0.01 -27.02	27.19 -0.27 -33.24	22.64 -0.18 -26.77	22.75 0.03 -22.13	18.93 0.25 -13.11	24.85 0.27 -18.43	26.34 -0.07 -27.90	27.57 -0.23 -32.95
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.89 1.20 0.00	23.35 0.67 -7.47	23.73 0.75 -5.66	25.11 0.43 -14.73	26.65 0.32 -19.08	29.31 0.86 -9.32	31.90 1.17 -4.80	30.04 1.22 -2.62	26.91 1.14 -1.03	29.43 1.21 0.00	27.63 1.13 0.00	27.77 1.07 0.00	26.39 1.14 0.00	30.12 1.28 0.00	29.22 1.24 0.00	28.49 0.12 -25.63	27.93 0.01 -27.59	27.88 -0.29 -33.94	23.20 -0.19 -27.34	23.22 0.03 -22.60	19.23 0.27 -13.38	25.26 0.29 -18.82	26.93 -0.07 -28.50	28.26 -0.24 -33.65
POLETTI____ 23519	27.84 1.14 0.00	23.10 0.62 -7.27	23.52 0.69 -5.51	24.67 0.39 -14.34	26.11 0.30 -18.57	28.99 0.78 -9.07	31.65 1.06 -4.67	29.87 1.11 -2.55	26.82 1.07 -1.01	29.34 1.12 0.00	27.52 1.01 0.00	27.65 0.95 0.00	26.34 1.09 0.00	30.04 1.20 0.00	29.16 1.18 0.00	27.79 0.12 -24.95	27.20 0.01 -26.86	27.00 -0.26 -33.04	22.49 -0.17 -26.61	22.62 0.02 -22.00	18.84 0.24 -13.03	24.73 0.26 -18.32	26.18 -0.07 -27.74	27.39 -0.22 -32.76
POMONA___ESR 323819	27.71 1.02 0.00	22.78 0.53 -7.05	23.25 0.60 -5.33	24.18 0.35 -13.89	25.50 0.27 -17.98	28.64 0.72 -8.79	31.46 1.01 -4.53	29.78 1.10 -2.47	26.74 1.03 -0.97	29.25 1.03 0.00	27.45 0.95 0.00	27.58 0.88 0.00	26.24 0.99 0.00	29.97 1.14 0.00	29.10 1.12 0.00	27.00 0.11 -24.16	26.35 0.01 -26.01	25.96 -0.26 -32.00	21.65 -0.17 -25.77	21.93 0.02 -21.30	18.43 0.23 -12.62	24.15 0.25 -17.74	25.30 -0.07 -26.86	26.36 -0.22 -31.72
PORT_JEFF_3 23555	28.54 1.84 0.00	23.49 1.00 -7.28	24.00 1.18 -5.51	24.92 0.64 -14.34	26.31 0.49 -18.57	29.37 1.16 -9.08	32.23 1.64 -4.68	30.52 1.76 -2.55	27.51 1.77 -1.01	30.19 1.97 0.00	28.65 2.09 -0.05	28.43 1.98 0.26	28.25 2.04 -0.96	32.02 2.37 -0.82	32.55 2.40 -2.17	39.85 0.24 -36.88	27.22 0.02 -26.87	26.78 -0.49 -33.05	22.36 -0.31 -26.62	22.65 0.05 -22.00	19.08 0.48 -13.03	25.00 0.52 -18.32	26.12 -0.13 -27.74	27.21 -0.41 -32.76
PORT_JEFF_4 23616	28.54 1.84 0.00	23.49 1.00 -7.28	24.00 1.18 -5.51	24.92 0.64 -14.34	26.31 0.49 -18.57	29.37 1.16 -9.08	32.23 1.64 -4.68	30.52 1.76 -2.55	27.51 1.77 -1.01	30.19 1.97 0.00	28.65 2.09 -0.05	28.43 1.98 0.26	28.25 2.04 -0.96	32.02 2.37 -0.82	32.55 2.40 -2.17	39.85 0.24 -36.88	27.22 0.02 -26.87	26.78 -0.49 -33.05	22.36 -0.31 -26.62	22.65 0.05 -22.00	19.08 0.48 -13.03	25.00 0.52 -18.32	26.12 -0.13 -27.74	27.21 -0.41 -32.76
PORT_JEFF_IC 23713	28.56 1.86 0.00	23.50 1.02 -7.28	24.02 1.19 -5.51	24.93 0.65 -14.34	26.31 0.49 -18.57	29.38 1.18 -9.08	32.26 1.66 -4.68	30.54 1.78 -2.55	27.54 1.79 -1.01	30.22 2.00 0.00	28.70 2.12 -0.07	28.48 2.01 0.23	28.32 2.08 -0.99	32.09 2.41 -0.85	32.62 2.45 -2.19	39.85 0.24 -36.87	27.23 0.03 -26.87	26.77 -0.50 -33.05	22.35 -0.31 -26.62	22.65 0.05 -22.00	19.09 0.48 -13.03	25.00 0.53 -18.32	26.12 -0.13 -27.74	27.20 -0.41 -32.76
PPL PILGRIM_ST_GT1 24216	28.55 1.85 0.00	23.49 1.01 -7.28	24.00 1.18 -5.51	24.92 0.64 -14.34	26.31 0.49 -18.57	29.38 1.18 -9.08	32.24 1.65 -4.68	30.53 1.77 -2.55	27.52 1.77 -1.01	30.18 1.97 0.00	28.75 2.09 -0.15	28.60 2.00 0.11	28.47 2.09 -1.14	32.21 2.41 -0.97	32.72 2.44 -2.31	39.84 0.24 -36.87	27.22 0.02 -26.87	26.78 -0.50 -33.05	22.36 -0.31 -26.62	22.65 0.05 -22.00	19.08 0.47 -13.03	24.99 0.51 -18.32	26.12 -0.13 -27.74	27.21 -0.41 -32.76
PPL PILGRIM_ST_GT2 24217	28.55 1.85 0.00	23.49 1.01 -7.28	24.00 1.18 -5.51	24.92 0.64 -14.34	26.31 0.49 -18.57	29.38 1.18 -9.08	32.24 1.65 -4.68	30.53 1.77 -2.55	27.52 1.77 -1.01	30.18 1.97 0.00	28.75 2.09 -0.15	28.60 2.00 0.11	28.47 2.09 -1.14	32.21 2.41 -0.97	32.72 2.44 -2.31	39.84 0.24 -36.87	27.22 0.02 -26.87	26.78 -0.50 -33.05	22.36 -0.31 -26.62	22.65 0.05 -22.00	19.08 0.47 -13.03	24.99 0.51 -18.32	26.12 -0.13 -27.74	27.21 -0.41 -32.76
PPL_SHRM_GT3 24213	28.70 2.00 0.00	23.58 1.10 -7.28	24.11 1.28 -5.51	24.98 0.70 -14.34	26.35 0.53 -18.57	29.48 1.27 -9.08	32.39 1.79 -4.68	30.67 1.92 -2.55	27.66 1.92 -1.01	30.37 2.16 0.00	28.83 2.26 -0.06	28.55 2.09 0.24	28.36 2.14 -0.97	32.15 2.49 -0.83	32.70 2.55 -2.18	39.86 0.26 -36.87	27.23 0.03 -26.87	26.74 -0.53 -33.05	22.33 -0.34 -26.62	22.65 0.05 -22.00	19.13 0.52 -13.03	25.05 0.57 -18.32	26.11 -0.14 -27.74	27.17 -0.44 -32.76
PPL_SHRM_GT4 24214	28.70 2.00 0.00	23.58 1.10 -7.28	24.11 1.28 -5.51	24.98 0.70 -14.34	26.35 0.53 -18.57	29.48 1.27 -9.08	32.39 1.79 -4.68	30.67 1.92 -2.55	27.66 1.92 -1.01	30.37 2.16 0.00	28.83 2.26 -0.06	28.55 2.09 0.24	28.36 2.14 -0.97	32.15 2.49 -0.83	32.70 2.55 -2.18	39.86 0.26 -36.87	27.23 0.03 -26.87	26.74 -0.53 -33.05	22.33 -0.34 -26.62	22.65 0.05 -22.00	19.13 0.52 -13.03	25.05 0.57 -18.32	26.11 -0.14 -27.74	27.17 -0.44 -32.76
PROJECT___ORANGE I 24174	26.52 -0.17 0.00	16.49 -0.11 -1.39	18.25 -0.13 -1.05	12.61 -0.07 -2.74	10.76 -0.04 -3.55	20.75 -0.12 -1.74	26.66 -0.15 -0.90	26.54 -0.15 -0.49	24.77 -0.17 -0.19	28.08 -0.14 0.00	26.38 -0.12 0.00	26.65 -0.05 0.00	25.23 -0.02 0.00	28.82 -0.01 0.00	27.95 -0.02 0.00	7.50 -0.01 -4.77	5.47 0.00 -5.14	0.55 0.01 -6.32	1.15 0.01 -5.09	4.80 0.00 -4.21	8.07 0.00 -2.49	9.66 0.00 -3.50	3.81 0.00 -5.31	1.12 0.00 -6.27

PROJECT___ORANGE 2 24166	26.52 -0.17 0.00	16.49 -0.11 -1.39	18.25 -0.13 -1.05	12.61 -0.07 -2.74	10.76 -0.04 -3.55	20.75 -0.12 -1.74	26.66 -0.15 -0.90	26.54 -0.15 -0.49	24.77 -0.17 -0.19	28.08 -0.14 0.00	26.38 -0.12 0.00	26.65 -0.05 0.00	25.23 -0.02 0.00	28.82 -0.01 0.00	27.95 -0.02 0.00	7.50 -0.01 -4.77	5.47 0.00 -5.14	0.55 0.01 -6.32	1.15 0.01 -5.09	4.80 0.00 -4.21	8.07 0.00 -2.49	9.66 0.00 -3.50	3.81 0.00 -5.31	1.12 0.00 -6.27
PUCKETT___SOLAR 323809	26.88 0.19 0.00	18.45 0.07 -3.18	19.83 0.10 -2.41	16.29 0.08 -6.27	15.45 0.08 -8.11	23.28 0.19 -3.96	28.29 0.33 -2.04	27.72 0.40 -1.11	25.63 0.45 -0.44	28.82 0.60 0.00	27.12 0.62 0.00	27.44 0.74 0.00	25.98 0.73 0.00	29.64 0.80 0.00	28.70 0.72 0.00	13.69 0.06 -10.90	12.09 0.02 -11.74	8.55 -0.11 -14.43	7.61 -0.07 -11.63	10.22 0.01 -9.61	11.39 0.13 -5.69	14.30 0.14 -8.00	10.59 -0.04 -12.12	9.06 -0.11 -14.31
PYRITES___HYD 24023	27.10 0.40 0.00	15.83 0.23 -0.39	17.84 0.22 -0.30	10.81 0.10 -0.77	8.35 0.10 -1.00	19.86 0.25 -0.49	26.59 0.42 -0.25	26.82 0.48 -0.14	25.34 0.55 -0.05	29.08 0.86 0.00	27.26 0.76 0.00	27.02 0.31 0.00	24.97 -0.28 0.00	28.57 -0.27 0.00	27.52 -0.46 0.00	4.09 0.01 -1.34	1.79 0.01 -1.45	-3.81 0.18 -1.78	-2.45 0.07 -1.43	1.79 0.01 -1.19	5.97 -0.30 -0.70	6.80 -0.33 -0.99	0.09 0.09 -1.49	-3.12 0.26 -1.77
QUAKERRD_115KV_BK1 80622	26.03 -0.67 0.00	16.49 -0.37 -1.66	18.11 -0.47 -1.25	12.94 -0.27 -3.27	11.31 -0.17 -4.23	20.74 -0.45 -2.07	26.26 -0.72 -1.06	25.98 -0.81 -0.58	24.18 -0.79 -0.23	27.48 -0.74 0.00	25.74 -0.76 0.00	26.17 -0.54 0.00	24.75 -0.50 0.00	28.32 -0.51 0.00	27.52 -0.46 0.00	8.37 -0.05 -5.68	6.43 -0.02 -6.12	1.84 0.09 -7.53	2.18 0.07 -6.06	5.59 -0.01 -5.01	8.46 -0.08 -2.97	10.24 -0.08 -4.17	4.84 0.02 -6.32	2.36 0.05 -7.46
QUENSBRY_115KV_TB8 356137	28.57 1.87 0.00	25.34 1.10 -9.04	25.39 1.23 -6.84	28.46 0.70 -17.81	30.81 0.49 -23.07	31.76 1.35 -11.27	33.60 1.87 -5.81	31.21 1.83 -3.17	27.72 1.73 -1.25	30.14 1.93 0.00	28.19 1.69 0.00	28.48 1.77 0.00	26.86 1.62 0.00	30.73 1.90 0.00	29.76 1.79 0.00	33.89 0.16 -30.99	33.72 0.02 -33.37	34.91 -0.37 -41.05	28.89 -0.23 -33.07	27.96 0.04 -27.33	22.11 0.35 -16.19	29.29 0.38 -22.76	32.86 -0.11 -34.46	35.16 -0.39 -40.70
RAMAPO___LBMP 323565	27.61 0.92 0.00	22.70 0.48 -7.03	23.18 0.54 -5.32	24.10 0.32 -13.84	25.42 0.25 -17.93	28.55 0.66 -8.76	31.36 0.92 -4.51	29.67 1.00 -2.46	26.65 0.94 -0.97	29.14 0.92 0.00	27.35 0.84 0.00	27.48 0.78 0.00	26.14 0.89 0.00	29.86 1.03 0.00	28.98 1.01 0.00	26.92 0.10 -24.08	26.27 0.01 -25.93	25.89 -0.24 -31.90	21.59 -0.15 -25.70	21.86 0.02 -21.24	18.36 0.21 -12.58	24.07 0.23 -17.69	25.23 -0.06 -26.78	26.28 -0.20 -31.63
RANKINE____ 23646	26.55 -0.15 0.00	17.12 -0.06 -1.97	18.66 -0.15 -1.49	13.76 -0.07 -3.89	12.25 -0.04 -5.04	21.47 -0.12 -2.46	26.80 -0.39 -1.27	26.33 -0.57 -0.69	24.31 -0.70 -0.27	27.64 -0.57 0.00	25.79 -0.71 0.00	26.38 -0.33 0.00	24.96 -0.29 0.00	28.66 -0.17 0.00	27.92 -0.05 0.00	9.48 -0.01 -6.77	7.62 0.00 -7.29	3.20 0.01 -8.96	3.28 0.01 -7.22	6.55 -0.01 -5.97	9.13 0.02 -3.53	11.16 0.04 -4.97	6.02 -0.01 -7.52	3.66 -0.08 -8.89
RAVENSWOOD_GT2_1 24244	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.70 1.11 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.58 1.08 0.00	27.71 1.01 0.00	26.39 1.14 0.00	30.10 1.26 0.00	29.21 1.24 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT2_2 24245	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.70 1.11 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.58 1.08 0.00	27.71 1.01 0.00	26.39 1.14 0.00	30.10 1.26 0.00	29.21 1.24 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT2_3 24246	27.89 1.19 0.00	23.13 0.65 -7.27	23.55 0.72 -5.51	24.69 0.42 -14.34	26.13 0.31 -18.57	29.03 0.82 -9.07	31.71 1.12 -4.67	29.93 1.17 -2.55	26.88 1.13 -1.01	29.40 1.19 0.00	27.59 1.09 0.00	27.72 1.02 0.00	26.40 1.15 0.00	30.11 1.28 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
RAVENSWOOD_GT2_4 24247	27.89 1.19 0.00	23.13 0.65 -7.27	23.55 0.72 -5.51	24.69 0.42 -14.34	26.13 0.31 -18.57	29.03 0.82 -9.07	31.71 1.12 -4.67	29.93 1.17 -2.55	26.88 1.13 -1.01	29.40 1.19 0.00	27.59 1.09 0.00	27.72 1.02 0.00	26.40 1.15 0.00	30.11 1.28 0.00	29.23 1.26 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.75 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
RAVENSWOOD_GT3_1 24248	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.70 1.11 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.58 1.08 0.00	27.71 1.01 0.00	26.39 1.14 0.00	30.10 1.26 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT3_2 24249	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.70 1.11 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.58 1.08 0.00	27.71 1.01 0.00	26.39 1.14 0.00	30.10 1.26 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT3_3 24250	27.92 1.22 0.00	23.14 0.66 -7.27	23.57 0.74 -5.51	24.70 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.74 1.14 -4.67	29.95 1.20 -2.55	26.90 1.16 -1.01	29.43 1.22 0.00	27.62 1.11 0.00	27.75 1.05 0.00	26.43 1.18 0.00	30.14 1.31 0.00	29.26 1.28 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.19 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.28 -18.32	26.17 -0.08 -27.74	27.37 -0.24 -32.76
RAVENSWOOD_GT3_4 24251	27.92 1.22 0.00	23.14 0.66 -7.27	23.57 0.74 -5.51	24.70 0.43 -14.34	26.14 0.32 -18.57	29.04 0.84 -9.07	31.74 1.14 -4.67	29.95 1.20 -2.55	26.90 1.16 -1.01	29.43 1.22 0.00	27.62 1.11 0.00	27.75 1.05 0.00	26.43 1.18 0.00	30.14 1.31 0.00	29.26 1.28 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.48 -0.19 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.28 -18.32	26.17 -0.08 -27.74	27.37 -0.24 -32.76



RAVENSWOOD_GT_1 23729	27.96 1.26 0.00	23.17 0.69 -7.27	23.59 0.77 -5.51	24.72 0.44 -14.34	26.15 0.33 -18.57	29.08 0.87 -9.07	31.76 1.16 -4.67	29.98 1.22 -2.55	26.92 1.18 -1.01	29.46 1.24 0.00	27.67 1.16 0.00	27.79 1.09 0.00	26.47 1.22 0.00	30.16 1.33 0.00	29.29 1.32 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.97 -0.30 -33.04	22.47 -0.19 -26.61	22.62 0.03 -22.00	18.87 0.27 -13.03	24.76 0.28 -18.32	26.17 -0.08 -27.74	27.36 -0.25 -32.76
RAVENSWOOD_GT_10 24258	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.70 1.11 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.58 1.08 0.00	27.71 1.01 0.00	26.40 1.14 0.00	30.10 1.26 0.00	29.21 1.24 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT_11 24259	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.70 1.11 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.58 1.08 0.00	27.71 1.01 0.00	26.40 1.14 0.00	30.10 1.26 0.00	29.21 1.24 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT_4 24252	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.71 1.11 -4.67	29.92 1.17 -2.55	26.87 1.12 -1.01	29.39 1.18 0.00	27.58 1.07 0.00	27.71 1.01 0.00	26.40 1.14 0.00	30.11 1.27 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT_5 24254	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.71 1.11 -4.67	29.92 1.17 -2.55	26.87 1.12 -1.01	29.39 1.18 0.00	27.58 1.07 0.00	27.71 1.01 0.00	26.40 1.14 0.00	30.11 1.27 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT_6 24253	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.71 1.11 -4.67	29.92 1.17 -2.55	26.87 1.12 -1.01	29.39 1.18 0.00	27.58 1.07 0.00	27.71 1.01 0.00	26.40 1.14 0.00	30.11 1.27 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT_7 24255	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.71 1.11 -4.67	29.92 1.17 -2.55	26.87 1.12 -1.01	29.39 1.18 0.00	27.58 1.07 0.00	27.71 1.01 0.00	26.40 1.14 0.00	30.11 1.27 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.70 1.11 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.58 1.08 0.00	27.71 1.01 0.00	26.40 1.14 0.00	30.10 1.26 0.00	29.21 1.24 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD_GT_9 24257	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.70 1.11 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.58 1.08 0.00	27.71 1.01 0.00	26.40 1.14 0.00	30.10 1.26 0.00	29.21 1.24 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.49 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.38 -0.23 -32.76
RAVENSWOOD___1 23533	27.90 1.20 0.00	23.14 0.65 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.14 0.31 -18.57	29.03 0.82 -9.07	31.70 1.10 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.40 1.18 0.00	27.60 1.10 0.00	27.73 1.03 0.00	26.41 1.16 0.00	30.09 1.26 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.28 -33.04	22.48 -0.18 -26.61	22.63 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
RAVENSWOOD___2 23534	27.90 1.20 0.00	23.14 0.65 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.14 0.31 -18.57	29.03 0.82 -9.07	31.70 1.10 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.40 1.18 0.00	27.60 1.10 0.00	27.73 1.03 0.00	26.41 1.16 0.00	30.09 1.26 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.28 -33.04	22.48 -0.18 -26.61	22.63 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
RAVENSWOOD___3 23535	27.88 1.18 0.00	23.12 0.64 -7.27	23.54 0.72 -5.51	24.69 0.41 -14.34	26.13 0.31 -18.57	29.02 0.82 -9.07	31.70 1.11 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.39 1.17 0.00	27.58 1.08 0.00	27.72 1.01 0.00	26.40 1.15 0.00	30.10 1.27 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.28 -33.04	22.48 -0.18 -26.61	22.62 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.23 -32.76
RAVENSWOOD___4 23820	27.90 1.20 0.00	23.14 0.65 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.14 0.31 -18.57	29.03 0.82 -9.07	31.70 1.10 -4.67	29.92 1.16 -2.55	26.87 1.12 -1.01	29.40 1.18 0.00	27.60 1.10 0.00	27.73 1.03 0.00	26.41 1.16 0.00	30.09 1.26 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.28 -33.04	22.48 -0.18 -26.61	22.63 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
RCPI_TRUST___DRP 24196	27.93 1.23 0.00	23.15 0.67 -7.27	23.58 0.75 -5.51	24.71 0.43 -14.34	26.14 0.32 -18.57	29.06 0.85 -9.07	31.75 1.16 -4.67	29.97 1.21 -2.55	26.92 1.17 -1.01	29.45 1.23 0.00	27.61 1.11 0.00	27.75 1.05 0.00	26.43 1.18 0.00	30.15 1.31 0.00	29.27 1.29 0.00	27.80 0.13 -24.95	27.19 0.01 -26.86	26.98 -0.29 -33.04	22.47 -0.19 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.75 0.28 -18.32	26.17 -0.08 -27.73	27.36 -0.24 -32.75
RED___ROCHESTER 323720	26.78 0.08 0.00	16.94 0.05 -1.68	18.59 0.00 -1.28	13.26 0.00 -3.32	11.57 0.02 -4.30	21.30 0.07 -2.10	26.97 -0.04 -1.08	26.65 -0.14 -0.59	24.81 -0.16 -0.23	28.24 0.03 0.00	26.43 -0.07 0.00	26.94 0.24 0.00	25.48 0.23 0.00	29.18 0.35 0.00	28.35 0.38 0.00	8.54 0.03 -5.78	6.55 -0.01 -6.22	1.79 -0.09 -7.65	2.16 -0.05 -6.16	5.69 0.00 -5.09	8.68 0.09 -3.02	10.50 0.11 -4.24	4.90 -0.03 -6.42	2.32 -0.12 -7.59

REGAN___SOLAR 323812	28.45 1.75 0.00	26.65 0.97 -10.48	26.39 1.14 -7.93	31.23 0.64 -20.65	34.45 0.46 -26.74	33.45 1.25 -13.07	34.42 1.77 -6.73	31.75 1.87 -3.67	27.79 1.60 -1.45	30.07 1.85 0.00	28.11 1.60 0.00	27.99 1.29 0.00	26.16 0.92 0.00	30.44 1.61 0.00	29.97 2.00 0.00	38.86 0.20 -35.93	39.05 0.04 -38.68	41.40 -0.41 -47.59	34.10 -0.28 -38.33	32.32 0.04 -31.69	24.72 0.38 -18.77	32.96 0.42 -26.39	38.36 -0.10 -39.95	41.70 -0.33 -47.18
RENSSELAER___COGEN 23796	27.07 0.37 0.00	24.22 0.25 -8.76	24.21 0.25 -6.63	27.35 0.13 -17.27	29.70 0.09 -22.37	30.29 0.23 -10.93	31.86 0.31 -5.63	29.55 0.27 -3.07	26.22 0.27 -1.21	28.43 0.22 0.00	26.82 0.31 0.00	26.97 0.27 0.00	25.52 0.28 0.00	29.15 0.31 0.00	28.27 0.29 0.00	32.81 0.03 -30.05	32.69 0.01 -32.36	33.96 -0.07 -39.80	28.06 -0.05 -32.06	27.11 0.01 -26.50	21.35 0.08 -15.70	28.31 0.09 -22.07	31.90 -0.02 -33.41	34.22 -0.09 -39.46
REPUBLIC_115KV_BARTNBRK 55605	29.50 2.81 0.00	25.96 1.72 -9.03	26.04 1.88 -6.84	28.83 1.09 -17.80	31.10 0.79 -23.06	32.56 2.16 -11.27	34.74 3.01 -5.80	32.27 2.89 -3.16	28.65 2.66 -1.25	31.28 3.06 0.00	29.26 2.75 0.00	29.57 2.87 0.00	28.02 2.77 0.00	32.21 3.38 0.00	31.23 3.25 0.00	34.03 0.32 -30.98	33.73 0.05 -33.35	34.58 -0.67 -41.03	28.67 -0.43 -33.05	27.98 0.07 -27.32	22.39 0.64 -16.18	29.61 0.71 -22.75	32.77 -0.18 -34.44	34.87 -0.66 -40.68
REVERE_CPPR_DRP 24186	27.39 0.69 0.00	16.36 0.39 -0.77	18.33 0.43 -0.58	11.69 0.23 -1.51	9.39 0.18 -1.96	20.58 0.49 -0.96	27.18 0.76 -0.49	27.31 0.83 -0.27	25.68 0.84 -0.11	29.29 1.07 0.00	27.51 1.01 0.00	27.64 0.94 0.00	26.07 0.82 0.00	29.73 0.89 0.00	28.74 0.77 0.00	5.44 0.07 -2.63	3.18 0.01 -2.84	-2.40 -0.12 -3.49	-1.23 -0.08 -2.81	2.94 0.02 -2.32	7.07 0.13 -1.38	8.21 0.13 -1.94	1.42 -0.02 -2.93	-1.77 -0.08 -3.46
REYNOLDS_115KV_TB3 80639	27.29 0.59 0.00	24.33 0.35 -8.77	24.34 0.37 -6.64	27.45 0.21 -17.30	29.78 0.13 -22.40	30.45 0.38 -10.95	32.04 0.48 -5.64	29.72 0.43 -3.07	26.37 0.41 -1.21	28.60 0.38 0.00	26.95 0.44 0.00	27.10 0.39 0.00	25.64 0.40 0.00	29.29 0.45 0.00	28.41 0.44 0.00	32.87 0.04 -30.09	32.74 0.01 -32.40	33.98 -0.10 -39.86	28.08 -0.07 -32.10	27.15 0.01 -26.54	21.40 0.11 -15.72	28.37 0.12 -22.10	31.94 -0.03 -33.46	34.26 -0.11 -39.51
RIVERBAY____ 323610	27.98 1.28 0.00	23.17 0.69 -7.27	23.58 0.75 -5.51	24.72 0.44 -14.34	26.15 0.33 -18.57	29.06 0.86 -9.07	31.77 1.18 -4.67	29.99 1.23 -2.55	26.93 1.19 -1.01	29.47 1.25 0.00	27.69 1.19 0.00	27.78 1.07 0.00	26.39 1.14 0.00	30.09 1.25 0.00	29.42 1.44 0.00	27.82 0.15 -24.95	27.20 0.01 -26.86	26.94 -0.33 -33.04	22.45 -0.22 -26.61	22.63 0.03 -22.00	18.89 0.29 -13.03	24.79 0.32 -18.32	26.16 -0.09 -27.74	27.33 -0.28 -32.76
RIVERSDE_115KV_TB3 55908	27.19 0.49 0.00	24.31 0.30 -8.79	24.30 0.32 -6.66	27.45 0.17 -17.34	29.81 0.11 -22.45	30.41 0.31 -10.97	31.97 0.40 -5.65	29.65 0.36 -3.08	26.31 0.35 -1.22	28.53 0.32 0.00	26.90 0.39 0.00	27.06 0.35 0.00	25.61 0.36 0.00	29.23 0.40 0.00	28.36 0.39 0.00	32.93 0.04 -30.16	32.81 0.01 -32.48	34.09 -0.09 -39.95	28.17 -0.06 -32.18	27.21 0.01 -26.60	21.42 0.10 -15.76	28.41 0.10 -22.15	32.02 -0.02 -33.54	34.35 -0.10 -39.60
ROARING___BROOK_WT_PWR 323790	26.50 -0.20 0.00	15.30 -0.09 -0.19	17.35 -0.11 -0.14	10.22 -0.09 -0.37	7.67 -0.06 -0.48	19.24 -0.12 -0.24	25.89 -0.16 -0.12	26.10 -0.18 -0.07	24.65 -0.11 -0.03	28.18 -0.03 0.00	26.44 -0.07 0.00	26.43 -0.28 0.00	24.59 -0.66 0.00	28.07 -0.77 0.00	27.22 -0.76 0.00	3.31 -0.06 -0.64	1.02 0.00 -0.69	-4.69 0.23 -0.85	-3.14 0.12 -0.69	1.16 -0.01 -0.57	5.67 -0.24 -0.34	6.37 -0.25 -0.47	-0.70 0.07 -0.71	-4.08 0.23 -0.85
ROCHESRG_115KV_T4 355643	26.53 -0.16 0.00	16.80 -0.08 -1.68	18.45 -0.15 -1.27	13.17 -0.08 -3.31	11.50 -0.04 -4.29	21.13 -0.09 -2.10	26.73 -0.27 -1.08	26.41 -0.39 -0.59	24.57 -0.40 -0.23	27.94 -0.27 0.00	26.15 -0.35 0.00	26.63 -0.07 0.00	25.18 -0.07 0.00	28.85 0.01 0.00	28.04 0.06 0.00	8.49 0.00 -5.76	6.52 -0.01 -6.20	1.83 -0.02 -7.63	2.18 -0.01 -6.14	5.67 0.00 -5.08	8.61 0.03 -3.01	10.43 0.05 -4.23	4.89 -0.02 -6.40	2.34 -0.07 -7.56
ROCHESTER_9_IC 23652	26.67 -0.02 0.00	16.89 -0.01 -1.68	18.53 -0.06 -1.28	13.23 -0.03 -3.32	11.55 0.00 -4.30	21.23 0.00 -2.10	26.86 -0.14 -1.08	26.55 -0.25 -0.59	24.71 -0.26 -0.23	28.11 -0.11 0.00	26.31 -0.19 0.00	26.81 0.11 0.00	25.35 0.10 0.00	29.03 0.20 0.00	28.21 0.24 0.00	8.53 0.02 -5.78	6.54 -0.01 -6.22	1.82 -0.06 -7.65	2.18 -0.03 -6.16	5.69 0.00 -5.09	8.65 0.07 -3.02	10.48 0.08 -4.24	4.91 -0.03 -6.42	2.35 -0.09 -7.59
ROCKVIEW_13_KV_LD 356306	27.90 1.20 0.00	23.13 0.65 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.14 0.32 -18.57	29.04 0.83 -9.07	31.74 1.14 -4.67	29.96 1.20 -2.55	26.89 1.15 -1.01	29.42 1.20 0.00	27.62 1.12 0.00	27.76 1.06 0.00	26.42 1.17 0.00	30.16 1.32 0.00	29.27 1.29 0.00	27.81 0.13 -24.95	27.20 0.01 -26.86	26.98 -0.29 -33.04	22.47 -0.19 -26.61	22.62 0.03 -22.00	18.86 0.26 -13.03	24.76 0.28 -18.32	26.17 -0.07 -27.74	27.36 -0.25 -32.76
ROME____115KV_TB2 80656	27.39 0.69 0.00	16.36 0.39 -0.77	18.33 0.43 -0.58	11.69 0.23 -1.51	9.39 0.18 -1.96	20.58 0.49 -0.96	27.18 0.76 -0.49	27.31 0.83 -0.27	25.68 0.84 -0.11	29.29 1.07 0.00	27.51 1.01 0.00	27.64 0.94 0.00	26.07 0.82 0.00	29.73 0.89 0.00	28.74 0.77 0.00	5.44 0.07 -2.63	3.18 0.01 -2.84	-2.40 -0.12 -3.49	-1.23 -0.08 -2.81	2.94 0.02 -2.32	7.07 0.13 -1.38	8.21 0.13 -1.94	1.42 -0.02 -2.93	-1.77 -0.08 -3.46
ROSETON___1 23587	27.64 0.95 0.00	22.93 0.52 -7.21	23.36 0.58 -5.45	24.48 0.34 -14.21	25.90 0.25 -18.39	28.79 0.67 -8.99	31.47 0.91 -4.63	29.69 0.95 -2.52	26.64 0.91 -1.00	29.14 0.93 0.00	27.36 0.86 0.00	27.50 0.80 0.00	26.14 0.89 0.00	29.85 1.02 0.00	28.97 1.00 0.00	27.54 0.10 -24.72	26.95 0.01 -26.61	26.73 -0.23 -32.73	22.26 -0.15 -26.37	22.41 0.02 -21.80	18.69 0.21 -12.91	24.53 0.22 -18.15	25.93 -0.06 -27.48	27.11 -0.19 -32.45
ROSETON___2 23588	27.64 0.95 0.00	22.93 0.52 -7.21	23.36 0.58 -5.45	24.48 0.34 -14.21	25.90 0.25 -18.39	28.79 0.67 -8.99	31.47 0.91 -4.63	29.69 0.95 -2.52	26.64 0.91 -1.00	29.14 0.93 0.00	27.36 0.86 0.00	27.50 0.80 0.00	26.14 0.89 0.00	29.85 1.02 0.00	28.97 1.00 0.00	27.54 0.10 -24.72	26.95 0.01 -26.61	26.73 -0.23 -32.73	22.26 -0.15 -26.37	22.41 0.02 -21.80	18.69 0.21 -12.91	24.53 0.22 -18.15	25.93 -0.06 -27.48	27.11 -0.19 -32.45
ROTTDRAM_115KV_TB3 80664	27.60 0.90 0.00	24.85 0.51 -9.14	24.82 0.59 -6.91	28.28 0.34 -18.00	30.80 0.23 -23.31	31.14 0.62 -11.39	32.64 0.85 -5.87	30.25 0.84 -3.20	26.79 0.79 -1.26	29.07 0.85 0.00	27.31 0.80 0.00	27.52 0.82 0.00	26.01 0.76 0.00	29.72 0.88 0.00	28.84 0.87 0.00	34.14 0.09 -31.32	34.07 0.01 -33.73	35.52 -0.19 -41.49	29.34 -0.12 -33.42	28.24 0.02 -27.62	22.11 0.18 -16.36	29.35 0.20 -23.00	33.29 -0.05 -34.83	35.81 -0.17 -41.13

RUSSELL___1 23602	26.78 0.08 0.00	16.95 0.05 -1.68	18.60 0.00 -1.28	13.26 0.00 -3.32	11.57 0.02 -4.30	21.30 0.07 -2.10	26.96 -0.04 -1.08	26.65 -0.15 -0.59	24.81 -0.16 -0.23	28.24 0.03 0.00	26.43 -0.07 0.00	26.94 0.24 0.00	25.48 0.23 0.00	29.19 0.35 0.00	28.35 0.38 0.00	8.54 0.03 -5.78	6.55 -0.01 -6.22	1.79 -0.09 -7.65	2.16 -0.05 -6.16	5.69 0.00 -5.09	8.68 0.09 -3.02	10.50 0.11 -4.24	4.90 -0.03 -6.42	2.32 -0.12 -7.59
RUSSELL___2 23532	26.78 0.08 0.00	16.95 0.05 -1.68	18.60 0.00 -1.28	13.26 0.00 -3.32	11.57 0.02 -4.30	21.30 0.07 -2.10	26.96 -0.04 -1.08	26.65 -0.15 -0.59	24.81 -0.16 -0.23	28.24 0.03 0.00	26.43 -0.07 0.00	26.94 0.24 0.00	25.48 0.23 0.00	29.19 0.35 0.00	28.35 0.38 0.00	8.54 0.03 -5.78	6.55 -0.01 -6.22	1.79 -0.09 -7.65	2.16 -0.05 -6.16	5.69 0.00 -5.09	8.68 0.09 -3.02	10.50 0.11 -4.24	4.90 -0.03 -6.42	2.32 -0.12 -7.59
RUSSELL___3 23549	26.78 0.08 0.00	16.95 0.05 -1.68	18.60 0.00 -1.28	13.26 0.00 -3.32	11.57 0.02 -4.30	21.30 0.07 -2.10	26.96 -0.04 -1.08	26.65 -0.15 -0.59	24.81 -0.16 -0.23	28.24 0.03 0.00	26.43 -0.07 0.00	26.94 0.24 0.00	25.48 0.23 0.00	29.19 0.35 0.00	28.35 0.38 0.00	8.54 0.03 -5.78	6.55 -0.01 -6.22	1.79 -0.09 -7.65	2.16 -0.05 -6.16	5.69 0.00 -5.09	8.68 0.09 -3.02	10.50 0.11 -4.24	4.90 -0.03 -6.42	2.32 -0.12 -7.59
RUSSELL___4 23556	26.78 0.08 0.00	16.95 0.05 -1.68	18.60 0.00 -1.28	13.26 0.00 -3.32	11.57 0.02 -4.30	21.30 0.07 -2.10	26.96 -0.04 -1.08	26.65 -0.15 -0.59	24.81 -0.16 -0.23	28.24 0.03 0.00	26.43 -0.07 0.00	26.94 0.24 0.00	25.48 0.23 0.00	29.19 0.35 0.00	28.35 0.38 0.00	8.54 0.03 -5.78	6.55 -0.01 -6.22	1.79 -0.09 -7.65	2.16 -0.05 -6.16	5.69 0.00 -5.09	8.68 0.09 -3.02	10.50 0.11 -4.24	4.90 -0.03 -6.42	2.32 -0.12 -7.59
RUSSELL___STATION 23914	26.78 0.08 0.00	16.95 0.05 -1.68	18.60 0.00 -1.28	13.26 0.00 -3.32	11.57 0.02 -4.30	21.30 0.07 -2.10	26.96 -0.04 -1.08	26.65 -0.15 -0.59	24.81 -0.16 -0.23	28.24 0.03 0.00	26.43 -0.07 0.00	26.94 0.24 0.00	25.48 0.23 0.00	29.19 0.35 0.00	28.35 0.38 0.00	8.54 0.03 -5.78	6.55 -0.01 -6.22	1.79 -0.09 -7.65	2.16 -0.05 -6.16	5.69 0.00 -5.09	8.68 0.09 -3.02	10.50 0.11 -4.24	4.90 -0.03 -6.42	2.32 -0.12 -7.59
S SALMON___HYD 24043	26.44 -0.25 0.00	16.23 -0.16 -1.18	18.02 -0.20 -0.89	12.13 -0.13 -2.33	10.17 -0.09 -3.01	20.38 -0.22 -1.47	26.40 -0.28 -0.76	26.37 -0.26 -0.41	24.72 -0.18 -0.16	28.16 -0.06 0.00	26.41 -0.09 0.00	26.60 -0.10 0.00	24.96 -0.29 0.00	28.42 -0.41 0.00	27.36 -0.61 0.00	6.72 -0.06 -4.05	4.67 -0.02 -4.36	-0.29 0.12 -5.36	0.44 0.08 -4.32	4.16 -0.01 -3.57	7.61 -0.08 -2.12	9.03 -0.10 -2.97	3.04 0.03 -4.50	0.28 0.11 -5.31
S.PERRY___115KV_TB1 80734	27.21 0.51 0.00	17.60 0.35 -2.05	19.20 0.33 -1.55	14.18 0.20 -4.04	12.64 0.16 -5.23	22.06 0.37 -2.56	27.71 0.47 -1.32	27.30 0.37 -0.72	25.26 0.23 -0.28	28.65 0.44 0.00	26.57 0.07 0.00	27.07 0.36 0.00	25.66 0.41 0.00	29.37 0.54 0.00	28.60 0.63 0.00	9.82 0.06 -7.03	7.91 0.00 -7.57	3.40 -0.15 -9.32	3.46 -0.09 -7.50	6.81 0.01 -6.20	9.43 0.19 -3.67	11.55 0.23 -5.17	6.28 -0.05 -7.82	3.89 -0.19 -9.24
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.36 -0.33 0.00	16.98 -0.15 -1.93	18.52 -0.26 -1.46	13.61 -0.13 -3.81	12.10 -0.08 -4.93	21.31 -0.23 -2.41	26.59 -0.57 -1.24	26.10 -0.79 -0.68	24.14 -0.87 -0.27	27.48 -0.74 0.00	25.63 -0.87 0.00	26.24 -0.47 0.00	24.80 -0.45 0.00	28.48 -0.35 0.00	27.76 -0.22 0.00	9.32 -0.03 -6.62	7.45 -0.01 -7.13	3.03 0.04 -8.77	3.14 0.03 -7.07	6.42 -0.02 -5.84	9.02 0.00 -3.46	11.02 0.01 -4.86	5.86 -0.01 -7.36	3.48 -0.06 -8.69
SAWYER___23_KV_LOAD 55526	26.36 -0.33 0.00	16.98 -0.15 -1.93	18.52 -0.26 -1.46	13.61 -0.13 -3.81	12.10 -0.08 -4.93	21.31 -0.23 -2.41	26.59 -0.57 -1.24	26.10 -0.79 -0.68	24.14 -0.87 -0.27	27.48 -0.74 0.00	25.63 -0.87 0.00	26.24 -0.47 0.00	24.80 -0.45 0.00	28.48 -0.35 0.00	27.76 -0.22 0.00	9.32 -0.03 -6.62	7.45 -0.01 -7.13	3.03 0.04 -8.77	3.14 0.03 -7.07	6.42 -0.02 -5.84	9.02 0.00 -3.46	11.02 0.01 -4.86	5.86 -0.01 -7.36	3.48 -0.06 -8.69
SELKIRK___I 23801	27.22 0.52 0.00	24.26 0.31 -8.74	24.29 0.35 -6.61	27.37 0.20 -17.23	29.69 0.14 -22.31	30.39 0.36 -10.90	32.01 0.47 -5.61	29.71 0.44 -3.06	26.37 0.42 -1.21	28.62 0.41 0.00	26.95 0.45 0.00	27.12 0.42 0.00	25.69 0.44 0.00	29.33 0.49 0.00	28.45 0.48 0.00	32.75 0.05 -29.97	32.61 0.01 -32.27	33.81 -0.11 -39.70	27.95 -0.07 -31.97	27.04 0.01 -26.43	21.34 0.11 -15.65	28.28 0.12 -22.01	31.81 -0.03 -33.33	34.10 -0.11 -39.35
SELKIRK___II 23799	27.19 0.49 0.00	24.24 0.31 -8.73	24.26 0.33 -6.61	27.34 0.19 -17.21	29.67 0.12 -22.29	30.36 0.33 -10.89	31.97 0.44 -5.61	29.68 0.41 -3.06	26.34 0.40 -1.21	28.59 0.38 0.00	26.94 0.43 0.00	27.10 0.39 0.00	25.65 0.40 0.00	29.30 0.46 0.00	28.41 0.44 0.00	32.72 0.04 -29.95	32.58 0.01 -32.24	33.79 -0.10 -39.66	27.93 -0.07 -31.95	27.02 0.01 -26.41	21.32 0.11 -15.64	28.26 0.12 -21.99	31.78 -0.03 -33.30	34.07 -0.11 -39.32
SENECA OSWGO___HYD 24041	26.30 -0.40 0.00	16.28 -0.23 -1.31	18.03 -0.27 -0.99	12.36 -0.15 -2.57	10.47 -0.11 -3.33	20.48 -0.28 -1.63	26.39 -0.37 -0.84	26.29 -0.38 -0.46	24.56 -0.36 -0.18	27.87 -0.35 0.00	26.18 -0.32 0.00	26.44 -0.26 0.00	25.02 -0.23 0.00	28.57 -0.26 0.00	27.71 -0.27 0.00	7.17 -0.03 -4.47	5.14 -0.01 -4.82	0.21 0.05 -5.93	0.86 0.04 -4.77	4.53 -0.01 -3.95	7.86 -0.04 -2.34	9.39 -0.05 -3.29	3.49 0.01 -4.97	0.77 0.05 -5.87
SENECA___115KV_TB3 355854	26.59 -0.11 0.00	17.14 -0.04 -1.97	18.69 -0.12 -1.49	13.78 -0.05 -3.89	12.26 -0.03 -5.04	21.50 -0.09 -2.46	26.84 -0.35 -1.27	26.37 -0.53 -0.69	24.35 -0.66 -0.27	27.68 -0.53 0.00	25.84 -0.67 0.00	26.42 -0.29 0.00	25.00 -0.25 0.00	28.70 -0.13 0.00	27.96 -0.01 0.00	9.49 -0.01 -6.77	7.62 0.00 -7.29	3.19 0.00 -8.96	3.28 0.01 -7.22	6.56 -0.01 -5.97	9.14 0.03 -3.53	11.17 0.05 -4.97	6.02 -0.02 -7.52	3.65 -0.09 -8.89
SENECA___ENERGY 23797	26.51 -0.19 0.00	16.81 -0.10 -1.70	18.48 -0.12 -1.29	13.22 -0.07 -3.35	11.55 -0.04 -4.34	21.14 -0.11 -2.12	26.88 -0.13 -1.09	26.66 -0.14 -0.59	24.77 -0.20 -0.23	28.09 -0.13 0.00	26.35 -0.15 0.00	26.67 -0.03 0.00	25.23 -0.02 0.00	28.84 0.01 0.00	28.03 0.06 0.00	8.56 0.00 -5.83	6.61 0.00 -6.27	1.93 -0.01 -7.72	2.27 0.00 -6.22	5.74 0.00 -5.14	8.64 0.02 -3.04	10.46 0.02 -4.28	4.98 -0.01 -6.48	2.48 -0.02 -7.65
SHOEMAKER___GT 23640	27.52 0.82 0.00	22.37 0.44 -6.72	22.91 0.50 -5.09	23.48 0.29 -13.25	24.63 0.22 -17.15	28.10 0.58 -8.38	31.04 0.80 -4.32	29.43 0.87 -2.35	26.46 0.80 -0.93	28.98 0.77 0.00	27.20 0.69 0.00	27.33 0.63 0.00	25.95 0.71 0.00	29.65 0.82 0.00	28.79 0.81 0.00	25.86 0.08 -23.04	25.15 0.00 -24.81	24.54 -0.20 -30.52	20.50 -0.14 -24.59	20.94 0.02 -20.32	17.80 0.19 -12.04	23.28 0.20 -16.92	24.08 -0.05 -25.62	24.94 -0.18 -30.26

SHOEMAKR_138KV_BK 111 55601	27.51 0.81 0.00	22.32 0.43 -6.68	22.87 0.49 -5.06	23.39 0.29 -13.17	24.52 0.22 -17.05	28.04 0.58 -8.33	31.00 0.78 -4.29	29.40 0.85 -2.34	26.45 0.79 -0.92	28.99 0.77 0.00	27.20 0.70 0.00	27.34 0.64 0.00	25.97 0.72 0.00	29.66 0.83 0.00	28.80 0.83 0.00	25.72 0.08 -22.91	25.00 0.00 -24.67	24.36 -0.20 -30.34	20.36 -0.13 -24.44	20.82 0.02 -20.20	17.73 0.19 -11.97	23.18 0.20 -16.83	23.93 -0.05 -25.47	24.76 -0.17 -30.08
SHOREHAM_IC_1 23715	28.70 2.00 0.00	23.58 1.10 -7.28	24.11 1.28 -5.51	24.98 0.70 -14.34	26.35 0.53 -18.57	29.48 1.27 -9.08	32.39 1.79 -4.68	30.67 1.92 -2.55	27.66 1.92 -1.01	30.37 2.16 0.00	28.83 2.26 -0.06	28.55 2.09 0.24	28.36 2.14 -0.97	32.15 2.49 -0.83	32.70 2.55 -2.18	39.86 0.26 -36.87	27.23 0.03 -26.87	26.74 -0.53 -33.05	22.33 -0.34 -26.62	22.65 0.05 -22.00	19.13 0.52 -13.03	25.05 0.57 -18.32	26.11 -0.14 -27.74	27.17 -0.44 -32.76
SHOREHAM_IC_2 23716	28.70 2.00 0.00	23.58 1.10 -7.28	24.11 1.28 -5.51	24.98 0.70 -14.34	26.35 0.53 -18.57	29.48 1.27 -9.08	32.39 1.79 -4.68	30.67 1.92 -2.55	27.66 1.92 -1.01	30.37 2.16 0.00	28.83 2.26 -0.06	28.55 2.09 0.24	28.36 2.14 -0.97	32.15 2.49 -0.83	32.70 2.55 -2.18	39.86 0.26 -36.87	27.23 0.03 -26.87	26.74 -0.53 -33.05	22.33 -0.34 -26.62	22.65 0.05 -22.00	19.13 0.52 -13.03	25.05 0.57 -18.32	26.11 -0.14 -27.74	27.17 -0.44 -32.76
SISSONVILLE____ 23735	26.70 0.01 0.00	15.62 0.01 -0.41	17.58 -0.05 -0.31	10.68 -0.05 -0.79	8.26 -0.02 -1.03	19.58 -0.05 -0.50	26.17 -0.01 -0.26	26.37 0.02 -0.14	24.91 0.12 -0.05	28.58 0.36 0.00	26.79 0.28 0.00	26.53 -0.17 0.00	24.48 -0.76 0.00	28.01 -0.82 0.00	27.08 -0.90 0.00	4.07 -0.04 -1.38	1.82 0.00 -1.49	-3.66 0.29 -1.83	-2.33 0.14 -1.47	1.81 -0.01 -1.22	5.90 -0.39 -0.72	6.73 -0.43 -1.02	0.16 0.11 -1.54	-2.99 0.35 -1.82
SITHE_IND_GS1 24169	26.06 -0.63 0.00	15.99 -0.36 -1.14	17.77 -0.41 -0.86	11.95 -0.24 -2.25	10.00 -0.17 -2.91	20.11 -0.44 -1.43	26.05 -0.60 -0.74	25.98 -0.63 -0.40	24.30 -0.60 -0.16	27.57 -0.64 0.00	25.89 -0.61 0.00	26.14 -0.56 0.00	24.72 -0.53 0.00	28.24 -0.59 0.00	27.40 -0.57 0.00	6.59 -0.06 -3.92	4.54 -0.01 -4.22	-0.47 0.12 -5.19	0.31 0.08 -4.18	4.04 -0.01 -3.45	7.51 -0.11 -2.05	8.91 -0.12 -2.88	2.89 0.03 -4.35	0.10 0.10 -5.14
SITHE_IND_GS2 24170	26.06 -0.63 0.00	15.99 -0.36 -1.14	17.77 -0.41 -0.86	11.95 -0.24 -2.25	10.00 -0.17 -2.91	20.11 -0.44 -1.43	26.05 -0.60 -0.74	25.98 -0.63 -0.40	24.30 -0.60 -0.16	27.57 -0.64 0.00	25.89 -0.61 0.00	26.14 -0.56 0.00	24.72 -0.53 0.00	28.24 -0.59 0.00	27.40 -0.57 0.00	6.59 -0.06 -3.92	4.54 -0.01 -4.22	-0.47 0.12 -5.19	0.31 0.08 -4.18	4.04 -0.01 -3.45	7.51 -0.11 -2.05	8.91 -0.12 -2.88	2.89 0.03 -4.35	0.10 0.10 -5.14
SITHE_IND_GS3 24171	26.06 -0.63 0.00	15.99 -0.36 -1.14	17.77 -0.41 -0.86	11.95 -0.24 -2.25	10.00 -0.17 -2.91	20.11 -0.44 -1.43	26.05 -0.60 -0.74	25.98 -0.63 -0.40	24.30 -0.60 -0.16	27.57 -0.64 0.00	25.89 -0.61 0.00	26.14 -0.56 0.00	24.72 -0.53 0.00	28.24 -0.59 0.00	27.40 -0.57 0.00	6.59 -0.06 -3.92	4.54 -0.01 -4.22	-0.47 0.12 -5.19	0.31 0.08 -4.18	4.04 -0.01 -3.45	7.51 -0.11 -2.05	8.91 -0.12 -2.88	2.89 0.03 -4.35	0.10 0.10 -5.14
SITHE_IND_GS4 24172	26.06 -0.63 0.00	15.99 -0.36 -1.14	17.77 -0.41 -0.86	11.95 -0.24 -2.25	10.00 -0.17 -2.91	20.11 -0.44 -1.43	26.05 -0.60 -0.74	25.98 -0.63 -0.40	24.30 -0.60 -0.16	27.57 -0.64 0.00	25.89 -0.61 0.00	26.14 -0.56 0.00	24.72 -0.53 0.00	28.24 -0.59 0.00	27.40 -0.57 0.00	6.59 -0.06 -3.92	4.54 -0.01 -4.22	-0.47 0.12 -5.19	0.31 0.08 -4.18	4.04 -0.01 -3.45	7.51 -0.11 -2.05	8.91 -0.12 -2.88	2.89 0.03 -4.35	0.10 0.10 -5.14
SITHE____BATAVIA 24024	27.02 0.32 0.00	17.21 0.19 -1.80	18.83 0.14 -1.37	13.58 0.09 -3.56	11.93 0.07 -4.61	21.60 0.22 -2.25	27.20 0.12 -1.16	26.75 -0.09 -0.63	24.88 -0.11 -0.25	28.36 0.14 0.00	26.51 0.00 0.00	27.14 0.44 0.00	25.66 0.41 0.00	29.37 0.53 0.00	28.56 0.59 0.00	8.97 0.04 -6.19	6.99 0.00 -6.67	2.30 -0.13 -8.20	2.58 -0.08 -6.61	6.06 0.00 -5.46	8.95 0.14 -3.24	10.86 0.16 -4.55	5.35 -0.04 -6.88	2.81 -0.17 -8.13
SITHE____INDEPEND 23800	26.06 -0.63 0.00	15.99 -0.36 -1.14	17.77 -0.41 -0.86	11.95 -0.24 -2.25	10.00 -0.17 -2.91	20.11 -0.44 -1.43	26.05 -0.61 -0.74	25.98 -0.63 -0.40	24.29 -0.60 -0.16	27.57 -0.64 0.00	25.90 -0.61 0.00	26.14 -0.56 0.00	24.72 -0.53 0.00	28.24 -0.59 0.00	27.40 -0.57 0.00	6.59 -0.06 -3.92	4.54 -0.01 -4.22	-0.47 0.12 -5.19	0.31 0.08 -4.18	4.04 -0.01 -3.45	7.51 -0.11 -2.05	8.91 -0.12 -2.88	2.89 0.03 -4.35	0.10 0.10 -5.14
SITHE____MASSENA 23902	26.71 0.01 0.00	15.55 0.03 -0.32	17.58 0.02 -0.24	10.56 -0.01 -0.62	8.07 0.01 -0.81	19.56 0.04 -0.39	26.16 0.04 -0.20	26.37 0.05 -0.11	24.91 0.12 -0.04	28.56 0.34 0.00	26.76 0.26 0.00	26.54 -0.16 0.00	24.51 -0.74 0.00	28.11 -0.72 0.00	27.28 -0.70 0.00	3.80 -0.02 -1.09	1.51 0.01 -1.17	-4.08 0.26 -1.44	-2.67 0.12 -1.16	1.55 0.00 -0.96	5.75 -0.39 -0.57	6.53 -0.42 -0.80	-0.18 0.10 -1.21	-3.41 0.31 -1.43
SITHE____OGDNSBRG 24021	27.08 0.38 0.00	15.79 0.22 -0.37	17.83 0.23 -0.28	10.77 0.10 -0.73	8.30 0.10 -0.94	19.84 0.25 -0.46	26.57 0.41 -0.24	26.80 0.46 -0.13	25.31 0.52 -0.05	29.03 0.81 0.00	27.22 0.72 0.00	26.98 0.28 0.00	24.90 -0.34 0.00	28.56 -0.28 0.00	27.51 -0.47 0.00	4.01 0.01 -1.27	1.71 0.01 -1.36	-3.92 0.18 -1.68	-2.53 0.07 -1.35	1.72 0.01 -1.12	5.93 -0.31 -0.66	6.74 -0.34 -0.93	0.01 0.09 -1.41	-3.22 0.26 -1.67
SITHE____STERLING 23777	27.24 0.55 0.00	16.38 0.30 -0.87	18.32 0.34 -0.66	11.86 0.19 -1.72	9.63 0.14 -2.23	20.62 0.40 -1.09	27.10 0.61 -0.56	27.19 0.67 -0.31	25.52 0.66 -0.12	29.05 0.83 0.00	27.31 0.81 0.00	27.50 0.80 0.00	25.96 0.72 0.00	29.62 0.78 0.00	28.67 0.70 0.00	5.80 0.06 -3.00	3.57 0.01 -3.23	-1.91 -0.11 -3.97	-0.82 -0.07 -3.20	3.26 0.01 -2.65	7.25 0.11 -1.57	8.47 0.11 -2.20	1.82 -0.02 -3.34	-1.28 -0.07 -3.94
SLEIGHT__34_KV_TB1 80719	26.48 -0.21 0.00	16.74 -0.12 -1.65	18.39 -0.18 -1.25	13.10 -0.10 -3.26	11.42 -0.06 -4.22	21.06 -0.14 -2.06	26.74 -0.24 -1.06	26.52 -0.28 -0.58	24.69 -0.27 -0.23	28.06 -0.15 0.00	26.31 -0.19 0.00	26.71 0.01 0.00	25.25 0.00 0.00	28.89 0.05 0.00	28.04 0.07 0.00	8.41 0.00 -5.67	6.43 -0.01 -6.11	1.72 -0.02 -7.51	2.10 -0.01 -6.05	5.60 0.00 -5.00	8.55 0.02 -2.96	10.34 0.03 -4.17	4.81 -0.01 -6.31	2.27 -0.03 -7.45
SOUTH CAIRO____GT 23612	28.48 1.78 0.00	24.62 1.08 -8.34	24.80 1.17 -6.31	27.04 0.66 -16.44	29.00 0.46 -21.28	30.77 1.24 -10.40	33.04 1.76 -5.36	30.88 1.74 -2.92	27.56 1.67 -1.15	29.89 1.67 0.00	28.36 1.85 0.00	28.33 1.62 0.00	26.70 1.45 0.00	30.70 1.86 0.00	29.65 1.67 0.00	31.51 0.18 -28.60	31.13 0.02 -30.79	31.66 -0.44 -37.87	26.25 -0.30 -30.51	25.86 0.05 -25.22	20.93 0.42 -14.94	27.61 0.46 -21.00	30.20 -0.10 -31.80	32.02 -0.38 -37.55

SOUTH HAMPTN___IC 23720	29.10 2.40 0.00	23.80 1.32 -7.28	24.36 1.54 -5.51	25.12 0.84 -14.34	26.45 0.63 -18.57	29.76 1.56 -9.08	32.79 2.20 -4.68	31.08 2.33 -2.55	28.05 2.30 -1.01	30.81 2.59 0.00	29.21 2.65 -0.05	28.96 2.50 0.25	28.75 2.54 -0.96	32.60 2.95 -0.82	33.15 3.01 -2.17	39.91 0.30 -36.87	27.24 0.03 -26.87	26.63 -0.64 -33.05	22.26 -0.41 -26.62	22.66 0.06 -22.00	19.23 0.63 -13.03	25.16 0.69 -18.32	26.08 -0.17 -27.74	27.09 -0.53 -32.76
SOUTHDOW_115KV_TB1 355954	27.28 0.58 0.00	17.54 0.28 -2.05	19.11 0.23 -1.55	14.16 0.18 -4.04	12.61 0.13 -5.24	21.93 0.24 -2.56	27.36 0.13 -1.32	27.11 0.19 -0.72	25.04 0.02 -0.28	28.40 0.18 0.00	26.57 0.06 0.00	27.22 0.52 0.00	25.86 0.61 0.00	29.68 0.84 0.00	28.80 0.82 0.00	9.82 0.06 -7.03	7.93 0.03 -7.57	3.42 -0.13 -9.32	3.47 -0.09 -7.51	6.81 0.01 -6.21	9.45 0.20 -3.68	11.55 0.23 -5.17	6.28 -0.05 -7.82	3.88 -0.21 -9.24
SOUTHOLD_69_KV_BK 2 55809	29.41 2.71 0.00	23.97 1.48 -7.28	24.56 1.73 -5.51	25.23 0.95 -14.34	26.54 0.72 -18.57	29.98 1.77 -9.08	33.11 2.51 -4.68	31.41 2.65 -2.55	28.37 2.62 -1.01	31.17 2.95 0.00	29.52 2.96 -0.05	29.26 2.80 0.25	29.06 2.84 -0.96	32.95 3.30 -0.82	33.50 3.36 -2.17	39.94 0.34 -36.87	27.24 0.04 -26.87	26.55 -0.73 -33.05	22.20 -0.46 -26.62	22.67 0.07 -22.00	19.31 0.70 -13.03	25.25 0.77 -18.32	26.06 -0.19 -27.74	27.02 -0.60 -32.76
SOUTHOLD___IC 23719	29.41 2.71 0.00	23.97 1.48 -7.28	24.56 1.73 -5.51	25.23 0.95 -14.34	26.53 0.71 -18.57	29.98 1.77 -9.08	33.11 2.51 -4.68	31.41 2.66 -2.55	28.37 2.62 -1.01	31.17 2.95 0.00	29.53 2.97 -0.05	29.28 2.82 0.25	29.06 2.84 -0.96	32.96 3.30 -0.82	33.51 3.36 -2.17	39.95 0.34 -36.87	27.24 0.04 -26.87	26.55 -0.73 -33.05	22.20 -0.46 -26.62	22.67 0.07 -22.00	19.31 0.70 -13.03	25.25 0.77 -18.32	26.06 -0.19 -27.74	27.02 -0.60 -32.76
SOUTH_FORK_WT_PWR 323839	29.48 2.79 0.00	24.01 1.53 -7.28	24.61 1.78 -5.51	25.26 0.98 -14.34	26.55 0.73 -18.57	30.04 1.83 -9.08	33.18 2.59 -4.68	31.49 2.73 -2.55	28.43 2.68 -1.01	31.25 3.03 0.00	29.59 3.04 -0.05	29.34 2.89 0.25	29.13 2.92 -0.96	33.04 3.39 -0.82	33.60 3.45 -2.17	39.96 0.35 -36.87	27.24 0.04 -26.87	26.53 -0.75 -33.05	22.19 -0.48 -26.62	22.67 0.07 -22.00	19.33 0.73 -13.03	25.27 0.80 -18.32	26.05 -0.20 -27.74	27.00 -0.61 -32.76
SPIERFLS_115KV_TB 1 80737	28.40 1.70 0.00	25.23 0.97 -9.04	25.28 1.11 -6.85	28.40 0.63 -17.83	30.78 0.44 -23.09	31.61 1.20 -11.28	33.37 1.64 -5.81	31.01 1.63 -3.17	27.53 1.54 -1.25	29.91 1.70 0.00	27.95 1.45 0.00	28.24 1.54 0.00	26.62 1.37 0.00	30.41 1.58 0.00	29.44 1.47 0.00	33.88 0.13 -31.02	33.75 0.02 -33.40	35.01 -0.30 -41.08	28.96 -0.18 -33.09	27.98 0.03 -27.36	22.06 0.28 -16.20	29.24 0.31 -22.78	32.91 -0.09 -34.49	35.25 -0.33 -40.73
ST LAWRENCE____ 23600	26.30 -0.40 0.00	15.30 -0.21 -0.30	17.31 -0.24 -0.23	10.38 -0.15 -0.59	7.92 -0.10 -0.76	19.25 -0.25 -0.37	25.75 -0.36 -0.19	25.96 -0.35 -0.10	24.51 -0.26 -0.04	28.10 -0.11 0.00	26.35 -0.16 0.00	26.22 -0.48 0.00	24.20 -1.05 0.00	27.78 -1.06 0.00	26.98 -0.99 0.00	3.70 -0.06 -1.02	1.44 0.01 -1.10	-4.07 0.35 -1.36	-2.68 0.18 -1.09	1.49 -0.01 -0.90	5.63 -0.47 -0.53	6.39 -0.51 -0.75	-0.23 0.13 -1.14	-3.41 0.39 -1.34
STATE_CA_115KV_115_LB 55624	27.20 0.51 0.00	24.37 0.32 -8.85	24.35 0.33 -6.70	27.56 0.18 -17.44	29.96 0.12 -22.59	30.49 0.32 -11.04	32.04 0.43 -5.69	29.71 0.40 -3.10	26.36 0.39 -1.22	28.59 0.37 0.00	26.97 0.46 0.00	27.12 0.42 0.00	25.66 0.42 0.00	29.30 0.47 0.00	28.43 0.46 0.00	33.12 0.04 -30.35	33.02 0.01 -32.68	34.32 -0.10 -40.20	28.36 -0.07 -32.38	27.37 0.01 -26.76	21.53 0.11 -15.85	28.55 0.11 -22.29	32.23 -0.02 -33.75	34.59 -0.11 -39.85
STATE_ST_34_KV_LOAD 55959	26.78 0.08 0.00	16.94 0.05 -1.68	18.64 0.05 -1.27	13.29 0.03 -3.32	11.58 0.03 -4.30	21.30 0.08 -2.10	27.12 0.12 -1.08	26.92 0.12 -0.59	25.06 0.09 -0.23	28.40 0.18 0.00	26.67 0.17 0.00	26.96 0.25 0.00	25.50 0.26 0.00	29.12 0.29 0.00	28.27 0.30 0.00	8.53 0.02 -5.77	6.55 0.01 -6.21	1.81 -0.06 -7.64	2.17 -0.04 -6.16	5.69 0.00 -5.09	8.65 0.07 -3.02	10.46 0.07 -4.24	4.91 -0.02 -6.42	2.38 -0.05 -7.58
STATION 5_MISC_HYD 23604	26.67 -0.02 0.00	16.88 -0.01 -1.68	18.53 -0.07 -1.28	13.23 -0.03 -3.32	11.55 0.00 -4.30	21.23 0.00 -2.10	26.87 -0.14 -1.08	26.55 -0.25 -0.59	24.71 -0.26 -0.23	28.11 -0.11 0.00	26.31 -0.19 0.00	26.80 0.10 0.00	25.35 0.10 0.00	29.03 0.19 0.00	28.21 0.24 0.00	8.53 0.02 -5.78	6.54 -0.01 -6.22	1.82 -0.06 -7.65	2.18 -0.03 -6.16	5.69 0.00 -5.09	8.65 0.07 -3.02	10.48 0.08 -4.24	4.91 -0.03 -6.42	2.34 -0.10 -7.59
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.80 0.11 0.00	16.95 0.07 -1.67	18.62 0.03 -1.27	13.26 0.02 -3.30	11.56 0.04 -4.27	21.32 0.10 -2.09	27.08 0.08 -1.08	26.82 0.02 -0.59	24.96 -0.01 -0.23	28.37 0.16 0.00	26.59 0.08 0.00	27.01 0.31 0.00	25.54 0.30 0.00	29.22 0.39 0.00	28.38 0.40 0.00	8.51 0.03 -5.74	6.51 0.00 -6.18	1.75 -0.08 -7.60	2.12 -0.05 -6.12	5.67 0.00 -5.06	8.66 0.09 -3.00	10.47 0.10 -4.22	4.87 -0.03 -6.39	2.29 -0.10 -7.54
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.52 -0.18 0.00	16.79 -0.09 -1.68	18.43 -0.16 -1.27	13.16 -0.09 -3.31	11.49 -0.04 -4.28	21.12 -0.10 -2.09	26.73 -0.27 -1.08	26.43 -0.37 -0.59	24.60 -0.37 -0.23	27.99 -0.22 0.00	26.20 -0.30 0.00	26.69 -0.02 0.00	25.23 -0.02 0.00	28.90 0.06 0.00	28.08 0.10 0.00	8.49 0.01 -5.75	6.51 -0.01 -6.19	1.81 -0.03 -7.62	2.17 -0.01 -6.13	5.67 0.00 -5.07	8.61 0.03 -3.00	10.42 0.05 -4.23	4.89 -0.02 -6.40	2.34 -0.06 -7.55
STA_56___34_KV_BUS2 355983	26.52 -0.18 0.00	16.79 -0.09 -1.68	18.43 -0.16 -1.27	13.16 -0.09 -3.31	11.49 -0.04 -4.28	21.12 -0.10 -2.09	26.73 -0.27 -1.08	26.43 -0.37 -0.59	24.60 -0.37 -0.23	27.99 -0.22 0.00	26.20 -0.30 0.00	26.69 -0.02 0.00	25.23 -0.02 0.00	28.90 0.06 0.00	28.08 0.10 0.00	8.49 0.01 -5.75	6.51 -0.01 -6.19	1.81 -0.03 -7.62	2.17 -0.01 -6.13	5.67 0.00 -5.07	8.61 0.03 -3.00	10.42 0.05 -4.23	4.89 -0.02 -6.40	2.34 -0.06 -7.55
STA_67___115KV_BK2 355882	26.62 -0.08 0.00	16.86 -0.03 -1.68	18.50 -0.09 -1.28	13.21 -0.05 -3.32	11.53 -0.02 -4.30	21.20 -0.03 -2.10	26.82 -0.19 -1.08	26.50 -0.30 -0.59	24.66 -0.31 -0.23	28.05 -0.16 0.00	26.25 -0.25 0.00	26.74 0.04 0.00	25.29 0.04 0.00	28.96 0.13 0.00	28.15 0.18 0.00	8.52 0.01 -5.77	6.54 -0.01 -6.22	1.83 -0.05 -7.65	2.18 -0.02 -6.16	5.69 0.00 -5.09	8.64 0.05 -3.02	10.46 0.07 -4.24	4.91 -0.02 -6.42	2.35 -0.09 -7.58
STA_7___115KV_9TRANS 80674	26.78 0.08 0.00	16.95 0.05 -1.68	18.60 0.00 -1.28	13.26 0.00 -3.32	11.57 0.02 -4.30	21.30 0.07 -2.10	26.96 -0.04 -1.08	26.65 -0.15 -0.59	24.81 -0.16 -0.23	28.24 0.03 0.00	26.43 -0.07 0.00	26.94 0.24 0.00	25.48 0.23 0.00	29.19 0.35 0.00	28.35 0.38 0.00	8.54 0.03 -5.78	6.55 -0.01 -6.22	1.79 -0.09 -7.65	2.16 -0.05 -6.16	5.69 0.00 -5.09	8.68 0.09 -3.02	10.50 0.11 -4.24	4.90 -0.03 -6.42	2.32 -0.12 -7.59

STA_82___115KV_TB1 80780	26.64 -0.06 0.00	16.87 -0.02 -1.69	18.51 -0.08 -1.28	13.22 -0.05 -3.33	11.55 -0.01 -4.31	21.22 -0.02 -2.11	26.84 -0.17 -1.09	26.52 -0.28 -0.59	24.68 -0.30 -0.23	28.07 -0.14 0.00	26.27 -0.23 0.00	26.76 0.06 0.00	25.31 0.06 0.00	28.98 0.15 0.00	28.16 0.19 0.00	8.54 0.02 -5.79	6.56 -0.01 -6.23	1.85 -0.05 -7.67	2.20 -0.03 -6.18	5.70 0.00 -5.11	8.65 0.06 -3.03	10.48 0.07 -4.25	4.92 -0.02 -6.44	2.37 -0.09 -7.60
STEEL___WIND 323596	26.56 -0.13 0.00	17.12 -0.06 -1.97	18.66 -0.15 -1.49	13.76 -0.07 -3.89	12.25 -0.04 -5.04	21.46 -0.13 -2.46	26.80 -0.39 -1.27	26.34 -0.56 -0.69	24.30 -0.71 -0.27	27.63 -0.58 0.00	25.78 -0.72 0.00	26.36 -0.34 0.00	24.96 -0.29 0.00	28.65 -0.18 0.00	27.91 -0.06 0.00	9.48 -0.02 -6.77	7.61 0.00 -7.29	3.20 0.02 -8.96	3.28 0.02 -7.22	6.55 -0.01 -5.97	9.13 0.02 -3.53	11.16 0.04 -4.97	6.02 -0.02 -7.52	3.66 -0.08 -8.89
STEPHTWN_115KV_BK_2 55603	27.40 0.70 0.00	24.39 0.42 -8.76	24.41 0.46 -6.63	27.46 0.25 -17.27	29.79 0.17 -22.37	30.57 0.51 -10.93	32.23 0.67 -5.63	29.94 0.66 -3.07	26.57 0.62 -1.21	28.89 0.67 0.00	27.21 0.70 0.00	27.34 0.64 0.00	25.92 0.67 0.00	29.56 0.72 0.00	28.66 0.69 0.00	32.85 0.07 -30.05	32.69 0.01 -32.36	33.85 -0.18 -39.80	28.00 -0.11 -32.06	27.12 0.02 -26.50	21.44 0.17 -15.70	28.40 0.18 -22.07	31.88 -0.04 -33.41	34.15 -0.16 -39.46
STEUBEN_REC_LFGE 323667	26.47 -0.23 0.00	17.61 0.06 -2.35	19.07 -0.03 -1.78	14.58 0.01 -4.63	13.24 0.00 -5.99	21.80 -0.25 -2.93	27.21 -0.22 -1.51	26.62 -0.42 -0.82	24.34 -0.72 -0.32	27.50 -0.72 0.00	25.60 -0.90 0.00	25.81 -0.90 0.00	24.52 -0.73 0.00	28.04 -0.80 0.00	27.31 -0.66 0.00	10.71 -0.07 -8.05	9.00 0.01 -8.67	5.04 0.15 -10.66	4.76 0.12 -8.59	7.68 -0.01 -7.10	9.73 -0.04 -4.21	12.02 -0.04 -5.91	7.48 0.02 -8.95	5.45 0.02 -10.57
STILLWATER___SOLAR 323814	28.07 1.37 0.00	24.99 0.79 -9.00	25.02 0.88 -6.81	28.19 0.51 -17.74	30.57 0.35 -22.97	31.31 0.95 -11.23	33.00 1.29 -5.78	30.64 1.28 -3.15	27.16 1.18 -1.25	29.48 1.27 0.00	27.67 1.16 0.00	27.89 1.19 0.00	26.33 1.09 0.00	30.11 1.27 0.00	29.22 1.24 0.00	33.71 0.12 -30.86	33.58 0.02 -33.23	34.84 -0.26 -40.88	28.80 -0.17 -32.93	27.84 0.03 -27.22	21.95 0.26 -16.12	29.10 0.28 -22.67	32.75 -0.07 -34.32	35.13 -0.25 -40.53
STONY___BROOK 24151	28.53 1.83 0.00	23.48 0.99 -7.28	23.99 1.16 -5.51	24.91 0.63 -14.34	26.30 0.48 -18.57	29.36 1.15 -9.08	32.22 1.62 -4.68	30.51 1.75 -2.55	27.51 1.77 -1.01	30.19 1.97 0.00	28.68 2.10 -0.07	28.48 2.00 0.22	28.32 2.07 -1.00	32.09 2.40 -0.85	32.61 2.43 -2.20	39.84 0.24 -36.87	27.23 0.02 -26.87	26.78 -0.50 -33.05	22.36 0.31 -26.62	22.65 0.05 -22.00	19.08 0.48 -13.03	25.00 0.52 -18.32	26.12 -0.13 -27.74	27.21 -0.41 -32.76
STURGEON_POOL_HYD 23609	27.62 0.92 0.00	23.28 0.52 -7.55	23.64 0.60 -5.72	25.18 0.35 -14.89	26.79 0.26 -19.28	29.23 0.68 -9.42	31.70 0.92 -4.85	29.83 0.97 -2.65	26.69 0.91 -1.05	29.15 0.93 0.00	27.36 0.85 0.00	27.51 0.81 0.00	26.14 0.89 0.00	29.83 1.00 0.00	28.97 1.00 0.00	28.74 0.10 -25.90	28.23 0.01 -27.89	28.30 -0.24 -34.31	23.53 -0.16 -27.64	23.46 0.02 -22.85	19.32 0.22 -13.53	25.42 0.24 -19.03	27.25 -0.06 -28.81	28.68 -0.19 -34.01
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.59 0.90 0.00	22.53 0.47 -6.85	23.04 0.53 -5.19	23.75 0.31 -13.50	24.98 0.24 -17.49	28.31 0.64 -8.55	31.21 0.89 -4.40	29.57 0.96 -2.40	26.59 0.90 -0.95	29.11 0.89 0.00	27.32 0.81 0.00	27.45 0.75 0.00	26.10 0.85 0.00	29.82 0.99 0.00	28.94 0.97 0.00	26.32 0.09 -23.49	25.63 0.00 -25.30	25.11 -0.23 -31.12	20.96 -0.15 -25.06	21.34 0.02 -20.72	18.05 0.21 -12.27	23.63 0.22 -17.25	24.57 -0.06 -26.13	25.51 -0.19 -30.85
SWANROAD_115KV_TB1 355699	26.02 -0.68 0.00	16.73 -0.36 -1.89	18.27 -0.48 -1.43	13.39 -0.27 -3.72	11.86 -0.21 -4.82	20.99 -0.50 -2.36	26.20 -0.94 -1.21	25.56 -1.31 -0.66	23.70 -1.30 -0.26	26.98 -1.23 0.00	25.16 -1.35 0.00	25.80 -0.91 0.00	24.36 -0.89 0.00	27.98 -0.86 0.00	27.30 -0.67 0.00	9.13 -0.08 -6.47	7.28 -0.01 -6.97	2.94 0.14 -8.57	3.06 0.10 -6.90	6.28 -0.02 -5.71	8.84 -0.11 -3.38	10.80 -0.10 -4.75	5.72 0.02 -7.19	3.38 0.03 -8.50
SYNERGY___BIOGAS 323694	27.02 0.32 0.00	17.21 0.19 -1.80	18.83 0.14 -1.37	13.58 0.09 -3.56	11.93 0.07 -4.61	21.60 0.22 -2.25	27.20 0.12 -1.16	26.75 -0.09 -0.63	24.88 -0.11 -0.25	28.36 0.14 0.00	26.51 0.00 0.00	27.14 0.44 0.00	25.66 0.41 0.00	29.37 0.53 0.00	28.56 0.59 0.00	8.97 0.04 -6.19	6.99 0.00 -6.67	2.30 -0.13 -8.20	2.58 -0.08 -6.61	6.06 0.00 -5.46	8.95 0.14 -3.24	10.86 0.16 -4.55	5.35 -0.04 -6.88	2.81 -0.17 -8.13
SYRACUSE___ENERGY_ST1 323597	26.63 -0.07 0.00	16.65 -0.05 -1.49	18.39 -0.06 -1.13	12.85 -0.03 -2.94	11.04 -0.02 -3.81	20.95 -0.04 -1.86	26.83 -0.05 -0.96	26.68 -0.05 -0.52	24.88 -0.06 -0.21	28.20 -0.01 0.00	26.50 -0.01 0.00	26.77 0.06 0.00	25.33 0.08 0.00	28.93 0.09 0.00	28.06 0.09 0.00	7.85 0.00 -5.12	5.84 0.00 -5.51	0.99 -0.02 -6.78	1.50 -0.01 -5.46	5.11 0.00 -4.51	8.27 0.02 -2.67	9.93 0.02 -3.76	4.19 0.00 -5.69	1.56 -0.01 -6.72
SYRACUSE___ENERGY_ST2 323598	26.63 -0.07 0.00	16.65 -0.05 -1.49	18.39 -0.06 -1.13	12.85 -0.03 -2.94	11.04 -0.02 -3.81	20.95 -0.04 -1.86	26.83 -0.05 -0.96	26.68 -0.05 -0.52	24.88 -0.06 -0.21	28.20 -0.01 0.00	26.50 -0.01 0.00	26.77 0.06 0.00	25.33 0.08 0.00	28.93 0.09 0.00	28.06 0.09 0.00	7.85 0.00 -5.12	5.84 0.00 -5.51	0.99 -0.02 -6.78	1.50 -0.01 -5.46	5.11 0.00 -4.51	8.27 0.02 -2.67	9.93 0.02 -3.76	4.19 0.00 -5.69	1.56 -0.01 -6.72
SYRACUSE___POWER 24017	26.64 -0.06 0.00	16.68 -0.04 -1.52	18.42 -0.05 -1.15	12.91 -0.02 -3.00	11.12 -0.01 -3.88	20.99 -0.04 -1.90	26.87 -0.03 -0.98	26.72 -0.03 -0.53	24.91 -0.04 -0.21	28.22 0.01 0.00	26.52 0.02 0.00	26.79 0.09 0.00	25.36 0.11 0.00	28.97 0.13 0.00	28.09 0.12 0.00	7.95 0.00 -5.21	5.95 0.00 -5.61	1.11 -0.02 -6.90	1.60 -0.01 -5.56	5.19 0.00 -4.60	8.32 0.03 -2.72	10.01 0.03 -3.83	4.30 0.00 -5.79	1.68 -0.02 -6.84
TALLMAN___138KV_BK151 55660	27.67 0.98 0.00	22.72 0.51 -7.01	23.20 0.57 -5.31	24.09 0.34 -13.82	25.41 0.26 -17.89	28.57 0.70 -8.75	31.41 0.98 -4.51	29.74 1.08 -2.46	26.71 1.01 -0.97	29.22 1.00 0.00	27.42 0.92 0.00	27.55 0.84 0.00	26.21 0.96 0.00	29.95 1.11 0.00	29.07 1.10 0.00	26.88 0.11 -24.04	26.22 0.01 -25.89	25.81 -0.26 -31.84	21.53 -0.17 -25.65	21.82 0.02 -21.20	18.36 0.23 -12.56	24.05 0.24 -17.66	25.17 -0.07 -26.73	26.21 -0.21 -31.57
TEALLAVE_115KV_TB7 355573	26.51 -0.18 0.00	16.47 -0.11 -1.38	18.23 -0.14 -1.04	12.58 -0.07 -2.72	10.72 -0.05 -3.52	20.72 -0.13 -1.72	26.64 -0.17 -0.89	26.52 -0.17 -0.48	24.75 -0.18 -0.19	28.06 -0.15 0.00	26.37 -0.13 0.00	26.64 -0.07 0.00	25.21 -0.04 0.00	28.81 -0.03 0.00	27.93 -0.04 0.00	7.45 -0.01 -4.73	5.42 0.00 -5.09	0.49 0.01 -6.26	1.10 0.01 -5.04	4.76 0.00 -4.17	8.04 0.00 -2.47	9.62 0.00 -3.47	3.76 0.00 -5.25	1.06 0.00 -6.20

TELGRAPH_34_KV_EAST 80808	26.56 -0.14 0.00	16.99 -0.06 -1.84	18.57 -0.14 -1.39	13.49 -0.08 -3.63	11.89 -0.06 -4.70	21.33 -0.09 -2.30	26.74 -0.37 -1.18	26.22 -0.64 -0.64	24.33 -0.66 -0.26	27.73 -0.49 0.00	25.88 -0.62 0.00	26.51 -0.19 0.00	25.05 -0.20 0.00	28.73 -0.11 0.00	27.98 0.00 0.00	9.03 -0.01 -6.31	7.12 -0.01 -6.80	2.58 -0.01 -8.36	2.79 0.00 -6.73	6.15 -0.01 -5.57	8.90 0.03 -3.30	10.83 0.04 -4.64	5.51 -0.02 -7.02	3.06 -0.08 -8.29
TEMPLE___115KV_TB 2 55572	26.52 -0.17 0.00	16.49 -0.11 -1.39	18.25 -0.13 -1.05	12.61 -0.07 -2.74	10.76 -0.04 -3.55	20.75 -0.12 -1.74	26.66 -0.15 -0.90	26.54 -0.15 -0.49	24.77 -0.17 -0.19	28.08 -0.14 0.00	26.38 -0.12 0.00	26.65 -0.05 0.00	25.23 -0.02 0.00	28.82 -0.01 0.00	27.95 -0.02 0.00	7.50 -0.01 -4.77	5.47 0.00 -5.14	0.55 0.01 -6.32	1.15 0.01 -5.09	4.80 0.00 -4.21	8.07 0.00 -2.49	9.66 0.00 -3.50	3.81 0.00 -5.31	1.12 0.00 -6.27
TIANA___69_KV_BK 1 55817	28.99 2.29 0.00	23.74 1.25 -7.28	24.29 1.46 -5.51	25.08 0.80 -14.34	26.43 0.60 -18.57	29.68 1.47 -9.08	32.68 2.09 -4.68	30.97 2.22 -2.55	27.94 2.20 -1.01	30.69 2.47 0.00	29.09 2.53 -0.05	28.82 2.37 0.25	28.64 2.43 -0.96	32.47 2.81 -0.82	33.02 2.87 -2.17	39.89 0.29 -36.87	27.23 0.03 -26.87	26.66 -0.62 -33.05	22.28 -0.39 -26.62	22.66 0.06 -22.00	19.20 0.60 -13.03	25.13 0.66 -18.32	26.09 -0.16 -27.74	27.11 -0.51 -32.76
TILDEN___115KV_TB1 80814	26.64 -0.06 0.00	16.68 -0.04 -1.52	18.42 -0.05 -1.15	12.91 -0.02 -3.00	11.12 -0.01 -3.88	20.99 -0.04 -1.90	26.87 -0.03 -0.98	26.72 -0.03 -0.53	24.91 -0.04 -0.21	28.22 0.01 0.00	26.52 0.02 0.00	26.79 0.09 0.00	25.36 0.11 0.00	28.97 0.13 0.00	28.09 0.12 0.00	7.95 0.00 -5.21	5.95 0.00 -5.61	1.11 -0.02 -6.90	1.60 -0.01 -5.56	5.19 0.00 -4.60	8.32 0.03 -2.72	10.01 0.03 -3.83	4.30 0.00 -5.79	1.68 -0.02 -6.84
TRIGEN___CC 323695	28.08 1.39 0.00	23.24 0.76 -7.28	23.70 0.87 -5.51	24.76 0.48 -14.34	26.19 0.37 -18.57	29.10 0.90 -9.08	31.86 1.26 -4.68	30.13 1.37 -2.55	27.10 1.36 -1.01	29.71 1.50 0.00	31.76 1.60 -3.66	32.89 1.59 -4.59	34.06 1.68 -7.13	36.89 1.91 -6.15	36.99 1.85 -7.17	38.93 0.18 -36.02	27.22 0.02 -26.87	26.90 -0.37 -33.05	22.43 -0.23 -26.62	22.63 0.04 -22.00	18.95 0.35 -13.03	24.86 0.38 -18.32	26.15 -0.10 -27.74	27.31 -0.31 -32.76
TRINITY___115KV__ 4 BK 55933	27.11 0.41 0.00	24.25 0.26 -8.78	24.24 0.27 -6.65	27.39 0.14 -17.31	29.75 0.09 -22.41	30.33 0.25 -10.95	31.89 0.33 -5.64	29.57 0.29 -3.08	26.24 0.29 -1.21	28.46 0.24 0.00	26.84 0.34 0.00	27.00 0.29 0.00	25.55 0.30 0.00	29.16 0.33 0.00	28.30 0.32 0.00	32.87 0.03 -30.11	32.76 0.01 -32.42	34.03 -0.07 -39.88	28.12 -0.05 -32.13	27.16 0.01 -26.56	21.38 0.08 -15.73	28.36 0.09 -22.11	31.97 -0.02 -33.48	34.30 -0.10 -39.54
UNION___PROCESSING_DRP 323587	26.65 -0.05 0.00	16.88 -0.02 -1.69	18.52 -0.08 -1.28	13.23 -0.04 -3.33	11.55 -0.01 -4.31	21.22 -0.01 -2.11	26.85 -0.16 -1.09	26.53 -0.27 -0.59	24.69 -0.29 -0.23	28.08 -0.14 0.00	26.29 -0.22 0.00	26.77 0.07 0.00	25.32 0.07 0.00	28.99 0.16 0.00	28.18 0.21 0.00	8.54 0.02 -5.79	6.56 -0.01 -6.24	1.84 -0.05 -7.67	2.20 -0.03 -6.18	5.70 0.00 -5.11	8.66 0.06 -3.03	10.48 0.08 -4.25	4.92 -0.02 -6.44	2.37 -0.09 -7.60
UPPER HUDSON___HYD 24058	28.40 1.70 0.00	25.23 0.97 -9.04	25.28 1.11 -6.85	28.40 0.63 -17.83	30.78 0.44 -23.09	31.61 1.20 -11.28	33.37 1.64 -5.81	31.01 1.63 -3.17	27.53 1.54 -1.25	29.91 1.70 0.00	27.95 1.45 0.00	28.24 1.54 0.00	26.62 1.37 0.00	30.41 1.58 0.00	29.44 1.47 0.00	33.88 0.13 -31.02	33.75 0.02 -33.40	35.01 -0.30 -41.08	28.96 -0.18 -33.09	27.98 0.03 -27.36	22.06 0.28 -16.20	29.24 0.31 -22.78	32.91 -0.09 -34.49	35.25 -0.33 -40.73
UPPER RAQUET___HYD 24056	26.71 0.01 0.00	15.62 0.02 -0.41	17.58 -0.05 -0.31	10.68 -0.05 -0.79	8.26 -0.02 -1.03	19.60 -0.03 -0.50	26.16 -0.02 -0.26	26.37 0.02 -0.14	24.92 0.12 -0.05	28.58 0.36 0.00	26.79 0.28 0.00	26.53 -0.17 0.00	24.48 -0.76 0.00	28.02 -0.82 0.00	27.08 -0.90 0.00	4.07 -0.04 -1.38	1.82 0.00 -1.49	-3.66 0.29 -1.83	-2.33 0.14 -1.47	1.81 -0.01 -1.22	5.90 -0.40 -0.72	6.73 -0.43 -1.02	0.16 0.11 -1.54	-2.99 0.35 -1.82
VALLEY44_115KV_TB2 355964	27.01 0.31 0.00	17.39 0.11 -2.08	18.94 0.05 -1.57	14.11 0.08 -4.10	12.61 0.05 -5.30	21.89 0.17 -2.59	27.37 0.11 -1.34	27.00 0.06 -0.73	24.88 -0.14 -0.29	28.20 -0.02 0.00	26.36 -0.15 0.00	26.91 0.21 0.00	25.59 0.35 0.00	29.44 0.60 0.00	28.59 0.61 0.00	9.89 0.03 -7.12	8.02 0.02 -7.67	3.62 -0.04 -9.44	3.64 -0.01 -7.60	6.87 -0.01 -6.28	9.39 0.10 -3.72	11.50 0.12 -5.23	6.39 -0.04 -7.92	4.07 -0.13 -9.36
VALLEY___115KV_TB 1-4 80826	26.66 -0.04 0.00	15.41 -0.02 -0.23	17.56 0.07 -0.17	10.41 0.01 -0.45	7.81 -0.03 -0.59	19.36 -0.05 -0.29	26.16 0.09 -0.15	26.47 0.18 -0.08	24.97 0.20 -0.03	28.45 0.23 0.00	26.81 0.30 0.00	26.89 0.18 0.00	25.38 0.14 0.00	28.98 0.14 0.00	28.14 0.16 0.00	3.54 0.02 -0.79	1.18 0.00 -0.85	-4.72 0.01 -1.05	-3.10 0.01 -0.84	1.29 0.00 -0.70	5.96 -0.03 -0.41	6.70 -0.03 -0.58	-0.61 0.00 -0.88	-4.07 0.04 -1.04
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.52 0.82 0.00	19.44 0.44 -3.80	20.73 0.54 -2.88	17.75 0.32 -7.49	17.20 0.24 -9.70	24.50 0.63 -4.74	29.25 0.89 -2.44	28.51 0.97 -1.33	26.25 0.98 -0.53	29.36 1.14 0.00	27.60 1.09 0.00	27.86 1.15 0.00	26.37 1.13 0.00	30.12 1.29 0.00	29.20 1.23 0.00	15.88 0.12 -13.04	14.38 0.02 -14.04	11.24 -0.25 -17.26	9.79 -0.16 -13.91	12.11 0.02 -11.50	12.61 0.23 -6.81	15.98 0.25 -9.57	12.94 -0.06 -14.50	11.77 -0.20 -17.12
VISCHER___FERRY HYD 24020	27.63 0.94 0.00	24.62 0.54 -8.87	24.63 0.60 -6.71	27.77 0.35 -17.49	30.12 0.23 -22.64	30.82 0.63 -11.07	32.46 0.83 -5.70	30.12 0.80 -3.11	26.71 0.74 -1.23	28.98 0.76 0.00	27.20 0.70 0.00	27.38 0.67 0.00	25.89 0.64 0.00	29.59 0.75 0.00	28.71 0.74 0.00	33.23 0.07 -30.42	33.10 0.01 -32.76	34.35 -0.17 -40.29	28.39 -0.11 -32.46	27.44 0.02 -26.83	21.62 0.16 -15.89	28.67 0.18 -22.34	32.29 -0.04 -33.83	34.64 -0.16 -39.95
V_A_10_SYNC_DSASP 323832	26.26 -0.44 0.00	16.77 -0.21 -1.78	18.35 -0.32 -1.35	13.28 -0.17 -3.51	11.70 -0.10 -4.55	21.07 -0.28 -2.22	26.47 -0.59 -1.15	26.04 -0.80 -0.62	24.16 -0.82 -0.25	27.49 -0.73 0.00	25.67 -0.83 0.00	26.23 -0.48 0.00	24.79 -0.46 0.00	28.44 -0.39 0.00	27.70 -0.28 0.00	8.81 -0.03 -6.11	6.89 -0.02 -6.58	2.36 0.04 -8.09	2.61 0.03 -6.52	5.97 -0.02 -5.39	8.74 -0.02 -3.19	10.63 -0.01 -4.49	5.30 0.00 -6.80	2.83 -0.05 -8.02
V_CMM_10_SYNC_DSASP 323787	26.42 -0.28 0.00	15.36 -0.14 -0.30	17.39 -0.15 -0.23	10.42 -0.10 -0.59	7.95 -0.06 -0.76	19.34 -0.16 -0.37	25.88 -0.24 -0.19	26.09 -0.23 -0.10	24.63 -0.15 -0.04	28.24 0.02 0.00	26.47 -0.03 0.00	26.35 -0.35 0.00	24.33 -0.92 0.00	27.92 -0.91 0.00	27.12 -0.85 0.00	3.71 -0.05 -1.02	1.44 0.01 -1.10	-4.10 0.32 -1.36	-2.70 0.16 -1.09	1.49 -0.01 -0.90	5.66 -0.45 -0.53	6.42 -0.48 -0.75	-0.23 0.12 -1.14	-3.44 0.37 -1.34

V_CMP_10_SYNC_DSASP 323788	26.95 0.26 0.00	15.74 0.23 -0.30	17.78 0.24 -0.23	10.65 0.13 -0.59	8.13 0.12 -0.76	19.81 0.31 -0.37	26.54 0.42 -0.19	26.67 0.35 -0.10	25.22 0.44 -0.04	28.93 0.71 0.00	27.22 0.72 0.00	27.10 0.40 0.00	25.16 -0.09 0.00	28.84 0.01 0.00	27.73 -0.24 0.00	3.74 -0.01 -1.02	1.45 0.01 -1.10	-4.14 0.29 -1.35	-2.70 0.16 -1.09	1.49 -0.01 -0.90	5.61 -0.50 -0.53	6.38 -0.52 -0.75	-0.24 0.12 -1.14	-3.45 0.35 -1.34
V_D_10_SYNC_DSASP 323841	25.91 -0.79 0.00	16.70 -0.40 -1.89	18.23 -0.52 -1.43	13.37 -0.30 -3.73	11.90 -0.17 -4.83	21.02 -0.47 -2.36	26.17 -0.97 -1.22	25.57 -1.30 -0.66	23.71 -1.29 -0.26	27.01 -1.21 0.00	25.18 -1.32 0.00	25.80 -0.90 0.00	24.36 -0.89 0.00	27.98 -0.86 0.00	27.30 -0.67 0.00	9.13 -0.09 -6.48	7.30 -0.01 -6.98	2.95 0.13 -8.58	3.08 0.12 -6.92	6.28 -0.03 -5.72	8.86 -0.10 -3.39	10.80 -0.11 -4.76	5.74 0.02 -7.20	3.39 0.03 -8.51
V_E_10_SYNC_DSASP 323830	27.65 0.95 0.00	18.62 0.43 -2.99	20.16 0.57 -2.26	16.18 0.35 -5.89	15.24 0.37 -7.63	23.78 0.93 -3.73	29.25 1.41 -1.92	28.97 1.71 -1.05	27.01 1.86 -0.41	30.51 2.30 0.00	28.84 2.33 0.00	29.30 2.60 0.00	27.64 2.39 0.00	31.42 2.59 0.00	30.33 2.35 0.00	13.19 0.21 -10.25	11.40 0.03 -11.03	7.41 -0.38 -13.57	6.75 -0.23 -10.93	9.67 0.04 -9.04	11.31 0.39 -5.35	14.10 0.42 -7.52	9.81 -0.09 -11.39	8.02 -0.29 -13.45
V_F_30_NSYNC___DSASP 323816	28.09 1.40 0.00	25.02 0.80 -9.02	25.05 0.90 -6.83	28.24 0.52 -17.78	30.64 0.36 -23.02	31.36 0.98 -11.25	33.04 1.32 -5.80	30.69 1.32 -3.16	27.21 1.22 -1.25	29.55 1.33 0.00	27.73 1.22 0.00	27.94 1.24 0.00	26.39 1.14 0.00	30.17 1.33 0.00	29.27 1.29 0.00	33.79 0.13 -30.93	33.65 0.02 -33.31	34.92 -0.28 -40.97	28.87 -0.18 -33.00	27.91 0.03 -27.28	21.99 0.27 -16.16	29.16 0.29 -22.72	32.83 -0.07 -34.39	35.21 -0.26 -40.62
V_F_30_SYNC_DSASP 323786	27.20 0.51 0.00	24.37 0.32 -8.84	24.34 0.33 -6.69	27.55 0.18 -17.43	29.95 0.12 -22.57	30.49 0.32 -11.03	32.03 0.43 -5.68	29.71 0.40 -3.10	26.35 0.39 -1.22	28.59 0.37 0.00	26.97 0.46 0.00	27.12 0.42 0.00	25.66 0.42 0.00	29.30 0.47 0.00	28.43 0.46 0.00	33.10 0.04 -30.33	33.00 0.01 -32.66	34.30 -0.10 -40.17	28.34 -0.07 -32.36	27.36 0.01 -26.75	21.52 0.10 -15.84	28.54 0.11 -22.28	32.21 -0.02 -33.72	34.56 -0.11 -39.83
V_XM_10_SYNC_DSASP 323789	26.95 0.26 0.00	15.74 0.23 -0.30	17.78 0.24 -0.23	10.65 0.13 -0.59	8.13 0.12 -0.76	19.81 0.31 -0.37	26.54 0.42 -0.19	26.67 0.35 -0.10	25.22 0.44 -0.04	28.93 0.71 0.00	27.22 0.72 0.00	27.10 0.40 0.00	25.16 -0.09 0.00	28.84 0.01 0.00	27.73 -0.24 0.00	3.74 -0.01 -1.02	1.45 0.01 -1.10	-4.14 0.29 -1.35	-2.70 0.16 -1.09	1.49 -0.01 -0.90	5.61 -0.50 -0.53	6.38 -0.52 -0.75	-0.24 0.12 -1.14	-3.45 0.35 -1.34
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.77 1.07 0.00	22.82 0.56 -7.05	23.29 0.63 -5.33	24.20 0.37 -13.89	25.52 0.29 -17.99	28.69 0.77 -8.79	31.52 1.07 -4.53	29.84 1.16 -2.47	26.80 1.08 -0.97	29.31 1.09 0.00	27.51 1.00 0.00	27.64 0.94 0.00	26.29 1.04 0.00	30.05 1.21 0.00	29.16 1.18 0.00	27.01 0.12 -24.17	26.36 0.01 -26.02	25.96 -0.28 -32.00	21.65 -0.18 -25.78	21.93 0.03 -21.31	18.44 0.24 -12.62	24.17 0.27 -17.75	25.30 -0.07 -26.87	26.35 -0.23 -31.73
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.87 1.17 0.00	23.12 0.64 -7.27	23.54 0.71 -5.51	24.68 0.41 -14.34	26.12 0.31 -18.57	29.01 0.81 -9.07	31.69 1.10 -4.67	29.91 1.15 -2.55	26.87 1.12 -1.01	29.38 1.17 0.00	27.55 1.05 0.00	27.69 0.98 0.00	26.37 1.12 0.00	30.08 1.24 0.00	29.19 1.22 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.99 -0.27 -33.04	22.48 -0.17 -26.61	22.62 0.03 -22.00	18.85 0.24 -13.03	24.73 0.26 -18.32	26.17 -0.07 -27.73	27.38 -0.23 -32.75
W50THST__13_KV_LOAD 356117	28.09 1.40 0.00	23.24 0.76 -7.27	23.68 0.85 -5.51	24.77 0.49 -14.34	26.19 0.37 -18.57	29.18 0.97 -9.07	31.91 1.32 -4.67	30.13 1.38 -2.55	27.08 1.33 -1.01	29.64 1.42 0.00	27.80 1.29 0.00	27.93 1.23 0.00	26.62 1.37 0.00	30.36 1.53 0.00	29.48 1.51 0.00	27.82 0.15 -24.95	27.20 0.01 -26.86	26.93 -0.33 -33.04	22.45 -0.22 -26.61	22.63 0.03 -22.00	18.90 0.30 -13.03	24.79 0.32 -18.32	26.16 -0.08 -27.73	27.33 -0.28 -32.75
WADING RIVER_IC_1 23522	28.68 1.99 0.00	23.57 1.09 -7.28	24.10 1.28 -5.51	24.97 0.69 -14.34	26.34 0.52 -18.57	29.46 1.26 -9.08	32.38 1.78 -4.68	30.66 1.90 -2.55	27.65 1.91 -1.01	30.36 2.14 0.00	28.79 2.24 -0.05	28.53 2.08 0.26	28.34 2.14 -0.96	32.14 2.49 -0.82	32.68 2.54 -2.17	39.86 0.26 -36.87	27.23 0.03 -26.87	26.74 -0.53 -33.05	22.33 -0.34 -26.62	22.65 0.05 -22.00	19.13 0.52 -13.03	25.05 0.57 -18.32	26.11 -0.14 -27.74	27.17 -0.44 -32.76
WADING RIVER_IC_2 23547	28.68 1.99 0.00	23.57 1.09 -7.28	24.10 1.28 -5.51	24.97 0.69 -14.34	26.34 0.52 -18.57	29.46 1.26 -9.08	32.38 1.78 -4.68	30.66 1.90 -2.55	27.65 1.91 -1.01	30.36 2.14 0.00	28.79 2.24 -0.05	28.53 2.08 0.26	28.34 2.14 -0.96	32.14 2.49 -0.82	32.68 2.54 -2.17	39.86 0.26 -36.87	27.23 0.03 -26.87	26.74 -0.53 -33.05	22.33 -0.34 -26.62	22.65 0.05 -22.00	19.13 0.52 -13.03	25.05 0.57 -18.32	26.11 -0.14 -27.74	27.17 -0.44 -32.76
WADING RIVER_IC_3 23601	28.68 1.99 0.00	23.57 1.09 -7.28	24.10 1.28 -5.51	24.97 0.69 -14.34	26.34 0.52 -18.57	29.46 1.26 -9.08	32.38 1.78 -4.68	30.66 1.90 -2.55	27.65 1.91 -1.01	30.36 2.14 0.00	28.79 2.24 -0.05	28.53 2.08 0.26	28.34 2.14 -0.96	32.14 2.49 -0.82	32.68 2.54 -2.17	39.86 0.26 -36.87	27.23 0.03 -26.87	26.74 -0.53 -33.05	22.33 -0.34 -26.62	22.65 0.05 -22.00	19.13 0.52 -13.03	25.05 0.57 -18.32	26.11 -0.14 -27.74	27.17 -0.44 -32.76
WALDENNY_12_KV_BK2 80841	26.59 -0.11 0.00	17.13 -0.04 -1.96	18.68 -0.13 -1.49	13.76 -0.06 -3.87	12.23 -0.04 -5.01	21.48 -0.10 -2.45	26.82 -0.36 -1.26	26.34 -0.56 -0.69	24.33 -0.68 -0.27	27.68 -0.54 0.00	25.83 -0.68 0.00	26.42 -0.29 0.00	24.99 -0.26 0.00	28.69 -0.14 0.00	27.95 -0.02 0.00	9.45 -0.01 -6.73	7.58 0.00 -7.25	3.15 0.00 -8.92	3.24 0.01 -7.19	6.53 -0.01 -5.94	9.12 0.03 -3.52	11.14 0.04 -4.95	5.98 -0.02 -7.49	3.61 -0.09 -8.84
WALDEN___HYDRO 24148	27.84 1.14 0.00	22.94 0.61 -7.12	23.39 0.68 -5.39	24.37 0.40 -14.03	25.72 0.30 -18.17	28.80 0.79 -8.88	31.60 1.10 -4.58	29.89 1.19 -2.49	26.83 1.11 -0.99	29.29 1.07 0.00	27.46 0.96 0.00	27.58 0.88 0.00	26.20 0.95 0.00	29.92 1.09 0.00	29.06 1.09 0.00	27.26 0.11 -24.42	26.62 0.00 -26.29	26.28 -0.28 -32.34	21.91 -0.19 -26.05	22.16 0.03 -21.53	18.58 0.26 -12.75	24.37 0.28 -17.93	25.58 -0.07 -27.15	26.67 -0.24 -32.06
WARRENSBURG____ 23737	28.40 1.70 0.00	25.23 0.97 -9.04	25.28 1.11 -6.85	28.40 0.63 -17.83	30.78 0.44 -23.09	31.61 1.20 -11.28	33.37 1.64 -5.81	31.01 1.63 -3.17	27.53 1.54 -1.25	29.91 1.70 0.00	27.95 1.45 0.00	28.24 1.54 0.00	26.62 1.37 0.00	30.41 1.58 0.00	29.44 1.47 0.00	33.88 0.13 -31.02	33.75 0.02 -33.40	35.01 -0.30 -41.08	28.96 -0.18 -33.09	27.98 0.03 -27.36	22.06 0.28 -16.20	29.24 0.31 -22.78	32.91 -0.09 -34.49	35.25 -0.33 -40.73



WATERSIDE___6 8 9 23538	27.90 1.20 0.00	23.14 0.65 -7.27	23.56 0.73 -5.51	24.70 0.42 -14.34	26.14 0.31 -18.57	29.03 0.82 -9.07	31.70 1.10 -4.67	29.92 1.17 -2.55	26.87 1.12 -1.01	29.40 1.18 0.00	27.60 1.10 0.00	27.73 1.03 0.00	26.41 1.16 0.00	30.09 1.25 0.00	29.22 1.25 0.00	27.80 0.12 -24.95	27.20 0.01 -26.86	26.98 -0.28 -33.04	22.48 -0.18 -26.61	22.63 0.03 -22.00	18.85 0.25 -13.03	24.74 0.27 -18.32	26.17 -0.07 -27.74	27.37 -0.24 -32.76
WATKINRD_115KV_LN8_ILLION 55919	26.77 0.07 0.00	15.48 0.04 -0.23	17.58 0.08 -0.17	10.43 0.03 -0.45	7.85 0.01 -0.59	19.45 0.03 -0.29	26.19 0.12 -0.15	26.47 0.18 -0.08	24.96 0.19 -0.03	28.41 0.20 0.00	26.74 0.24 0.00	26.85 0.14 0.00	25.35 0.10 0.00	28.97 0.14 0.00	28.14 0.16 0.00	3.54 0.02 -0.79	1.18 0.00 -0.85	-4.74 -0.02 -1.05	-3.12 -0.01 -0.84	1.30 0.00 -0.70	5.99 0.01 -0.41	6.74 0.01 -0.58	-0.61 0.00 -0.88	-4.11 0.00 -1.04
WATSON___69_KV_BK 1 55734	28.71 2.02 0.00	23.58 1.10 -7.28	24.11 1.28 -5.51	24.98 0.69 -14.34	26.35 0.52 -18.57	29.48 1.28 -9.08	32.41 1.81 -4.68	30.69 1.94 -2.55	27.68 1.93 -1.01	30.36 2.15 0.00	29.01 2.24 -0.26	28.89 2.15 -0.04	28.80 2.24 -1.31	32.53 2.58 -1.12	33.03 2.60 -2.45	39.85 0.25 -36.87	27.23 0.03 -26.87	26.74 -0.54 -33.05	22.33 -0.34 -26.62	22.65 0.05 -22.00	19.12 0.51 -13.03	25.04 0.56 -18.32	26.11 -0.14 -27.74	27.17 -0.44 -32.76
WDELAWARE___HYD 323627	27.42 0.73 0.00	22.27 0.37 -6.70	22.80 0.41 -5.07	23.39 0.24 -13.21	24.55 0.19 -17.10	28.00 0.51 -8.36	30.95 0.72 -4.31	29.39 0.84 -2.35	26.43 0.76 -0.93	28.94 0.73 0.00	27.10 0.59 0.00	27.11 0.41 0.00	25.13 -0.12 0.00	28.68 -0.15 0.00	27.87 -0.10 0.00	25.71 0.00 -22.98	25.06 -0.01 -24.74	24.62 -0.05 -30.43	20.54 -0.02 -24.52	20.86 0.00 -20.27	17.76 0.18 -12.00	23.23 0.20 -16.88	24.00 -0.05 -25.55	24.87 -0.16 -30.17
WEST BABYLON___IC 23714	28.59 1.90 0.00	23.51 1.03 -7.28	24.02 1.19 -5.51	24.93 0.64 -14.34	26.31 0.49 -18.57	29.40 1.19 -9.08	32.29 1.69 -4.68	30.58 1.82 -2.55	27.55 1.80 -1.01	30.22 2.00 0.00	29.27 2.11 -0.65	29.31 2.05 -0.56	29.35 2.13 -1.97	32.97 2.45 -1.68	33.41 2.45 -2.98	39.76 0.24 -36.79	27.22 0.02 -26.87	26.77 -0.51 -33.05	22.35 -0.32 -26.62	22.65 0.05 -22.00	19.09 0.49 -13.03	25.00 0.53 -18.32	26.12 -0.13 -27.74	27.20 -0.42 -32.76
WEST CANADA___HYD 24049	26.71 0.02 0.00	15.45 0.01 -0.23	17.51 0.02 -0.17	10.40 0.01 -0.45	7.84 0.00 -0.59	19.42 0.01 -0.29	26.10 0.02 -0.15	26.33 0.04 -0.08	24.82 0.05 -0.03	28.27 0.06 0.00	26.56 0.05 0.00	26.73 0.03 0.00	25.23 -0.02 0.00	28.79 -0.04 0.00	27.93 -0.05 0.00	3.52 0.00 -0.79	1.18 0.00 -0.85	-4.71 0.02 -1.05	-3.10 0.01 -0.84	1.30 0.00 -0.70	5.96 -0.02 -0.41	6.71 -0.02 -0.58	-0.61 0.00 -0.88	-4.09 0.02 -1.04
WESTERN_NY_WIND 24143	26.99 0.29 0.00	17.20 0.18 -1.82	18.82 0.13 -1.37	13.60 0.08 -3.58	11.95 0.06 -4.64	21.61 0.21 -2.27	27.17 0.08 -1.17	26.71 -0.14 -0.64	24.85 -0.14 -0.25	28.32 0.10 0.00	26.47 -0.04 0.00	27.10 0.40 0.00	25.61 0.36 0.00	29.33 0.49 0.00	28.53 0.55 0.00	9.00 0.04 -6.23	7.03 -0.01 -6.71	2.36 -0.12 -8.25	2.62 -0.07 -6.65	6.09 0.00 -5.49	8.96 0.13 -3.25	10.88 0.15 -4.57	5.39 -0.04 -6.93	2.87 -0.17 -8.18
WESTOVER___LESR 323668	26.75 0.05 0.00	18.35 0.02 -3.12	19.73 0.04 -2.36	16.14 0.04 -6.16	15.26 0.04 -7.97	23.09 0.07 -3.90	28.06 0.13 -2.01	27.46 0.16 -1.09	25.25 0.08 -0.43	28.35 0.13 0.00	26.63 0.13 0.00	26.91 0.21 0.00	25.55 0.30 0.00	29.19 0.36 0.00	28.30 0.32 0.00	13.46 0.02 -10.71	11.88 0.02 -11.53	8.36 -0.05 -14.18	7.45 -0.03 -11.43	10.05 0.00 -9.44	11.23 0.07 -5.60	14.09 0.08 -7.87	10.40 -0.02 -11.91	8.86 -0.06 -14.06
WETHRSFD_WT_PWR 323626	26.19 -0.51 0.00	17.14 -0.20 -2.14	18.65 -0.29 -1.62	14.00 -0.15 -4.22	12.59 -0.12 -5.46	21.43 -0.36 -2.67	26.69 -0.60 -1.37	26.15 -0.81 -0.75	24.01 -1.03 -0.30	27.16 -1.06 0.00	25.27 -1.23 0.00	25.70 -1.00 0.00	24.38 -0.87 0.00	27.93 -0.91 0.00	27.25 -0.72 0.00	9.99 -0.07 -7.33	8.22 0.00 -7.90	4.06 0.12 -9.71	3.96 0.09 -7.82	7.04 -0.02 -6.47	9.34 -0.06 -3.83	11.47 -0.07 -5.39	6.67 0.01 -8.15	4.49 0.01 -9.63
WHAVSTOR_138KV_BK127 55557	27.67 0.97 0.00	22.77 0.50 -7.05	23.23 0.57 -5.34	24.18 0.34 -13.90	25.51 0.26 -18.00	28.62 0.69 -8.80	31.42 0.96 -4.53	29.73 1.05 -2.47	26.70 0.98 -0.97	29.20 0.98 0.00	27.40 0.89 0.00	27.53 0.83 0.00	26.19 0.94 0.00	29.92 1.09 0.00	29.04 1.07 0.00	27.02 0.10 -24.19	26.38 0.01 -26.05	26.02 -0.25 -32.04	21.70 -0.16 -25.81	21.95 0.02 -21.33	18.43 0.22 -12.64	24.15 0.24 -17.77	25.34 -0.07 -26.90	26.41 -0.21 -31.77
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.67 0.97 0.00	22.77 0.50 -7.05	23.23 0.57 -5.34	24.18 0.34 -13.90	25.51 0.26 -18.00	28.62 0.69 -8.80	31.42 0.96 -4.53	29.73 1.05 -2.47	26.70 0.98 -0.97	29.20 0.98 0.00	27.40 0.89 0.00	27.53 0.83 0.00	26.19 0.94 0.00	29.92 1.09 0.00	29.04 1.07 0.00	27.02 0.10 -24.19	26.38 0.01 -26.05	26.02 -0.25 -32.04	21.70 -0.16 -25.81	21.95 0.02 -21.33	18.43 0.22 -12.64	24.15 0.24 -17.77	25.34 -0.07 -26.90	26.41 -0.21 -31.77
WHITEHAL_115KV_TB1 80871	28.72 2.03 0.00	25.52 1.28 -9.03	25.55 1.39 -6.84	28.55 0.81 -17.80	30.89 0.58 -23.06	32.01 1.61 -11.27	33.97 2.24 -5.80	31.45 2.08 -3.16	27.90 1.91 -1.25	30.36 2.15 0.00	28.38 1.88 0.00	28.68 1.98 0.00	27.14 1.89 0.00	31.19 2.36 0.00	30.30 2.33 0.00	33.94 0.23 -30.98	33.72 0.04 -33.35	34.77 -0.48 -41.03	28.79 -0.31 -33.05	27.97 0.05 -27.32	22.22 0.46 -16.18	29.42 0.52 -22.75	32.81 -0.13 -34.44	35.02 -0.51 -40.68
WHITEPLN_13_KV_LOAD 356215	28.03 1.33 0.00	23.19 0.72 -7.26	23.62 0.81 -5.50	24.72 0.47 -14.32	26.13 0.35 -18.54	29.11 0.93 -9.06	31.86 1.27 -4.67	30.10 1.35 -2.54	27.03 1.28 -1.00	29.58 1.36 0.00	27.76 1.26 0.00	27.90 1.19 0.00	26.55 1.30 0.00	30.31 1.48 0.00	29.42 1.44 0.00	27.78 0.14 -24.90	27.16 0.01 -26.81	26.88 -0.33 -32.98	22.40 -0.21 -26.57	22.59 0.03 -21.96	18.88 0.29 -13.01	24.76 0.32 -18.29	26.11 -0.09 -27.69	27.28 -0.27 -32.70
WM_FLOYD_69_KV_BK2 356380	28.66 1.97 0.00	23.56 1.08 -7.28	24.09 1.26 -5.51	24.97 0.68 -14.34	26.34 0.52 -18.57	29.45 1.24 -9.08	32.35 1.75 -4.68	30.63 1.88 -2.55	27.62 1.87 -1.01	30.32 2.11 0.00	28.75 2.19 -0.06	28.48 2.02 0.24	28.32 2.09 -0.98	32.10 2.43 -0.84	32.65 2.49 -2.19	39.85 0.25 -36.87	27.23 0.03 -26.87	26.75 -0.53 -33.05	22.34 -0.33 -26.62	22.65 0.05 -22.00	19.12 0.51 -13.03	25.04 0.56 -18.32	26.11 -0.14 -27.74	27.18 -0.43 -32.76
WOODARD__115KV_TB2 355635	26.44 -0.26 0.00	16.45 -0.15 -1.40	18.21 -0.18 -1.06	12.60 -0.10 -2.76	10.76 -0.07 -3.58	20.70 -0.17 -1.75	26.59 -0.23 -0.90	26.47 -0.23 -0.49	24.69 -0.24 -0.19	27.99 -0.22 0.00	26.30 -0.20 0.00	26.57 -0.13 0.00	25.14 -0.11 0.00	28.72 -0.11 0.00	27.85 -0.12 0.00	7.52 -0.02 -4.80	5.51 0.00 -5.17	0.62 0.03 -6.36	1.20 0.02 -5.13	4.83 0.00 -4.24	8.06 -0.02 -2.51	9.66 -0.02 -3.53	3.86 0.00 -5.34	1.18 0.02 -6.31

YORK__WARBASSE	28.05	23.21	23.64	24.75	26.17	29.14	31.85	30.07	27.02	29.55	27.75	27.87	26.53	30.25	29.40	27.82	27.20	26.94	22.45	22.63	18.89	24.78	26.16	27.34
23770	1.35	0.73	0.82	0.47	0.35	0.93	1.25	1.32	1.27	1.33	1.24	1.17	1.28	1.42	1.42	0.14	0.01	-0.33	-0.21	0.03	0.29	0.31	-0.08	-0.28
	0.00	-7.27	-5.51	-14.34	-18.57	-9.07	-4.67	-2.55	-1.01	0.00	0.00	0.00	0.00	0.00	0.00	-24.95	-26.86	-33.04	-26.61	-22.00	-13.03	-18.32	-27.74	-32.76