

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/18/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	31.10	28.50	27.69	26.65	27.41	26.79	26.61	29.97	36.76	29.91	25.55	21.45	26.62	30.25	30.49	35.63	45.86	46.14	35.93	22.28	33.75	28.56	35.51	27.24
24138	1.51	1.30	1.24	1.21	1.22	1.21	1.38	1.73	2.26	1.66	0.26	0.14	1.19	0.12	0.02	0.76	2.70	3.09	1.97	1.22	0.33	0.89	0.37	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.66	-21.37	-19.30	-7.78	-28.39	-30.20	-24.62	-5.52	-1.85	-8.17	-4.39	-29.03	-15.69	-30.01	-1.73
74TH STREET_GT_1	31.08	28.50	27.68	26.62	27.37	26.74	26.59	29.94	36.74	29.89	25.55	21.45	26.62	30.25	30.49	35.62	45.82	46.11	35.92	22.26	33.75	28.55	35.51	27.21
24260	1.49	1.30	1.23	1.19	1.17	1.17	1.36	1.70	2.23	1.63	0.26	0.14	1.19	0.12	0.02	0.75	2.67	3.06	1.95	1.20	0.33	0.88	0.37	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.66	-21.37	-19.31	-7.78	-28.39	-30.20	-24.62	-5.52	-1.85	-8.17	-4.39	-29.03	-15.69	-30.01	-1.73
74TH STREET_GT_2	31.08	28.50	27.68	26.62	27.37	26.74	26.59	29.94	36.74	29.89	25.55	21.45	26.62	30.25	30.49	35.62	45.82	46.11	35.92	22.26	33.75	28.55	35.51	27.21
24261	1.49	1.30	1.23	1.19	1.17	1.17	1.36	1.70	2.23	1.63	0.26	0.14	1.19	0.12	0.02	0.75	2.67	3.06	1.95	1.20	0.33	0.88	0.37	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.66	-21.37	-19.31	-7.78	-28.39	-30.20	-24.62	-5.52	-1.85	-8.17	-4.39	-29.03	-15.69	-30.01	-1.73
ADK HUDSON___FALLS	31.10	28.72	27.93	26.90	27.69	27.19	26.98	30.14	37.00	30.95	30.56	25.95	28.51	36.86	37.52	41.31	47.10	46.18	37.46	23.13	40.42	32.06	42.43	27.65
24011	1.51	1.53	1.49	1.46	1.50	1.61	1.75	1.89	2.49	1.85	0.29	0.15	1.28	0.12	0.02	0.71	2.66	2.69	1.60	1.05	0.28	0.76	0.34	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.51	-26.34	-23.80	-9.59	-35.00	-37.22	-30.35	-6.80	-2.28	-10.07	-5.41	-35.75	-19.33	-36.96	-2.13
ADK RESOURCE___RCVRY	31.20	28.87	28.08	27.04	27.84	27.39	27.23	30.40	37.37	31.24	30.61	25.99	28.73	36.90	37.54	41.42	47.53	46.56	37.66	23.26	40.48	32.18	42.50	27.85
23798	1.61	1.67	1.63	1.61	1.65	1.81	2.00	2.16	2.86	2.13	0.34	0.17	1.48	0.15	0.03	0.81	3.09	3.08	1.79	1.19	0.32	0.87	0.38	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.51	-26.36	-23.81	-9.60	-35.02	-37.24	-30.36	-6.80	-2.28	-10.08	-5.42	-35.77	-19.34	-36.98	-2.13
ADK S GLENS___FALLS	31.10	28.72	27.93	26.90	27.69	27.19	26.98	30.14	37.00	30.95	30.56	25.95	28.51	36.86	37.52	41.31	47.10	46.18	37.46	23.13	40.42	32.06	42.43	27.65
24028	1.51	1.53	1.49	1.46	1.50	1.61	1.75	1.89	2.49	1.85	0.29	0.15	1.28	0.12	0.02	0.71	2.66	2.69	1.60	1.05	0.28	0.76	0.34	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.51	-26.34	-23.80	-9.59	-35.00	-37.22	-30.35	-6.80	-2.28	-10.07	-5.41	-35.75	-19.33	-36.96	-2.13
ADK_NYS___DAM	30.45	28.08	27.45	26.42	27.18	26.56	26.20	29.23	35.88	30.05	29.61	25.14	27.78	35.70	36.32	40.11	46.11	45.20	36.64	22.67	39.20	31.24	41.14	26.94
23527	0.86	0.88	1.00	0.98	0.99	0.98	0.97	0.99	1.37	1.09	0.19	0.10	0.85	0.09	0.01	0.48	1.89	1.79	1.09	0.77	0.21	0.56	0.22	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.36	-25.50	-23.03	-9.29	-33.88	-36.03	-29.37	-6.58	-2.21	-9.75	-5.24	-34.61	-18.71	-35.78	-2.06
AIR_PRODUCTS___DRP	29.59	27.23	26.50	25.51	26.25	25.78	25.47	28.42	34.81	29.24	29.56	25.16	27.18	35.77	36.45	39.88	44.73	43.89	35.91	22.18	39.19	30.92	41.11	26.18
24190	0.00	0.03	0.05	0.07	0.06	0.20	0.24	0.17	0.30	0.26	0.05	0.03	0.21	0.02	0.00	0.14	0.48	0.48	0.33	0.26	0.06	0.15	0.05	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.38	-25.60	-23.12	-9.32	-34.01	-36.17	-29.49	-6.61	-2.22	-9.79	-5.26	-34.74	-18.78	-35.92	-2.07
AKWESSNE_115KV_BK	29.09	26.61	25.96	24.98	25.66	25.26	24.80	28.01	34.11	24.81	4.73	2.70	17.74	2.81	1.42	11.08	38.22	40.48	25.47	16.19	5.26	11.91	6.13	23.24
355683	-0.50	-0.58	-0.49	-0.46	-0.53	-0.32	-0.42	-0.24	-0.40	0.07	0.00	-0.04	-0.19	-0.01	0.01	-0.10	0.38	-0.79	-0.63	-0.64	-0.22	-0.66	-0.13	-0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.81	-0.73	-0.30	-1.07	-1.14	-0.93	-0.21	-0.07	-0.31	-0.16	-1.09	-0.59	-1.12	-0.06
ALBANY___1	29.59	27.23	26.50	25.51	26.25	25.78	25.47	28.42	34.81	29.24	29.56	25.16	27.18	35.77	36.45	39.88	44.73	43.89	35.91	22.18	39.19	30.92	41.11	26.18
23571	0.00	0.03	0.05	0.07	0.06	0.20	0.24	0.17	0.30	0.26	0.05	0.03	0.21	0.02	0.00	0.14	0.48	0.48	0.33	0.26	0.06	0.15	0.05	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.38	-25.60	-23.12	-9.32	-34.01	-36.17	-29.49	-6.61	-2.22	-9.79	-5.26	-34.74	-18.78	-35.92	-2.07
ALBANY___2	29.59	27.23	26.50	25.51	26.25	25.78	25.47	28.42	34.81	29.24	29.56	25.16	27.18	35.77	36.45	39.88	44.73	43.89	35.91	22.18	39.19	30.92	41.11	26.18
23572	0.00	0.03	0.05	0.07	0.06	0.20	0.24	0.17	0.30	0.26	0.05	0.03	0.21	0.02	0.00	0.14	0.48	0.48	0.33	0.26	0.06	0.15	0.05	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.38	-25.60	-23.12	-9.32	-34.01	-36.17	-29.49	-6.61	-2.22	-9.79	-5.26	-34.74	-18.78	-35.92	-2.07
ALBANY___3	29.59	27.23	26.50	25.51	26.25	25.78	25.47	28.42	34.81	29.24	29.56	25.16	27.18	35.77	36.45	39.88	44.73	43.89	35.91	22.18	39.19	30.92	41.11	26.18
23573	0.00	0.03	0.05	0.07	0.06	0.20	0.24	0.17	0.30	0.26	0.05	0.03	0.21	0.02	0.00	0.14	0.48	0.48	0.33	0.26	0.06	0.15	0.05	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.38	-25.60	-23.12	-9.32	-34.01	-36.17	-29.49	-6.61	-2.22	-9.79	-5.26	-34.74	-18.78	-35.92	-2.07

ALBANY___4 23574	29.59 0.00 0.00	27.23 0.03 0.00	26.50 0.05 0.00	25.51 0.07 0.00	26.25 0.06 0.00	25.78 0.20 0.00	25.47 0.24 0.00	28.42 0.17 0.00	34.81 0.30 0.00	29.24 0.26 -4.38	29.56 0.05 -25.60	25.16 0.03 -23.12	27.18 0.21 -9.32	35.77 0.02 -34.01	36.45 0.00 -36.17	39.88 0.14 -29.49	44.73 0.48 -6.61	43.89 0.48 -2.22	35.91 0.33 -9.79	22.18 0.26 -5.26	39.19 0.06 -34.74	30.92 0.15 -18.78	41.11 0.05 -35.92	26.18 0.25 -2.07
ALBANY___LFGE 323615	29.89 0.30 0.00	27.51 0.31 0.00	26.77 0.33 0.00	25.76 0.33 0.00	26.52 0.33 0.00	26.02 0.44 0.00	25.70 0.47 0.00	28.71 0.47 0.00	35.17 0.66 0.00	29.54 0.52 -4.41	29.82 0.09 -25.81	25.37 0.05 -23.32	27.44 0.40 -9.40	36.07 0.04 -34.29	36.75 0.01 -36.47	40.23 0.25 -29.73	45.21 0.92 -6.66	44.37 0.94 -2.24	36.27 0.61 -9.87	22.40 0.44 -5.30	39.53 0.10 -35.03	31.20 0.28 -18.94	41.46 0.11 -36.22	26.45 0.49 -2.08
ALCOA_PA_115KV_PL-6C 55860	29.26 -0.33 0.00	26.78 -0.42 0.00	26.12 -0.33 0.00	25.13 -0.30 0.00	25.83 -0.36 0.00	25.42 -0.16 0.00	24.97 -0.26 0.00	28.19 -0.05 0.00	34.34 -0.18 0.00	24.96 0.22 -0.15	4.79 0.02 -0.85	2.75 -0.03 -0.77	17.85 -0.10 -0.31	2.87 0.01 -1.13	1.49 0.01 -1.20	11.19 -0.04 -0.98	38.49 0.63 -0.22	40.77 -0.50 -0.07	25.65 -0.46 -0.32	16.30 -0.53 -0.17	5.34 -0.19 -1.15	12.01 -0.59 -0.62	6.21 -0.10 -1.18	23.37 -0.56 -0.07
ALCOA_RYNLDS___DRP 24188	29.26 -0.33 0.00	26.78 -0.42 0.00	26.12 -0.33 0.00	25.13 -0.30 0.00	25.83 -0.36 0.00	25.42 -0.16 0.00	24.97 -0.26 0.00	28.19 -0.05 0.00	34.34 -0.18 0.00	24.96 0.22 -0.15	4.79 0.02 -0.85	2.75 -0.03 -0.77	17.85 -0.10 -0.31	2.87 0.01 -1.13	1.49 0.01 -1.20	11.19 -0.04 -0.98	38.49 0.63 -0.22	40.77 -0.50 -0.07	25.65 -0.46 -0.32	16.30 -0.53 -0.17	5.34 -0.19 -1.15	12.01 -0.59 -0.62	6.21 -0.10 -1.18	23.37 -0.56 -0.07
ALCOA___DSASP 323711	29.26 -0.33 0.00	26.78 -0.42 0.00	26.12 -0.33 0.00	25.13 -0.30 0.00	25.83 -0.36 0.00	25.42 -0.16 0.00	24.97 -0.26 0.00	28.19 -0.05 0.00	34.34 -0.17 0.00	24.96 0.22 -0.15	4.79 0.02 -0.85	2.75 -0.03 -0.77	17.85 -0.10 -0.31	2.87 0.01 -1.13	1.49 0.01 -1.20	11.19 -0.04 -0.98	38.48 0.62 -0.22	40.77 -0.50 -0.07	25.65 -0.46 -0.32	16.30 -0.53 -0.17	5.34 -0.19 -1.15	12.01 -0.59 -0.62	6.21 -0.10 -1.18	23.37 -0.57 -0.07
ALLEGHENY___COGEN 23514	30.69 1.10 0.00	28.29 1.09 0.00	27.40 0.95 0.00	26.38 0.94 0.00	27.19 1.00 0.00	26.61 1.03 0.00	26.07 0.85 0.00	29.31 1.07 0.00	35.29 0.78 0.00	25.65 0.03 -1.01	9.83 -0.02 -5.93	7.36 -0.01 -5.36	19.69 -0.12 -2.16	9.60 -0.02 -7.88	8.64 -0.01 -8.38	16.84 -0.24 -6.83	39.14 -0.03 -1.53	42.34 0.63 -0.51	28.25 0.26 -2.20	17.74 -0.04 -1.11	11.74 -0.01 -7.36	15.94 -0.01 -3.98	12.70 -0.04 -7.60	24.40 0.09 -0.44
ALTAMONT_115KV_TB 2 55880	30.07 0.48 0.00	27.67 0.47 0.00	26.92 0.47 0.00	25.90 0.47 0.00	26.66 0.46 0.00	26.08 0.51 0.00	25.79 0.57 0.00	28.86 0.62 0.00	35.35 0.83 0.00	29.60 0.62 -4.38	29.62 0.10 -25.61	25.19 0.05 -23.13	27.41 0.45 -9.32	35.80 0.04 -34.02	36.46 0.01 -36.18	40.02 0.27 -29.50	45.24 0.99 -6.61	44.48 1.06 -2.22	36.28 0.70 -9.79	22.39 0.47 -5.26	39.26 0.12 -34.75	31.09 0.32 -18.79	41.19 0.13 -35.93	26.52 0.58 -2.07
ALTONA_WT_PWR 323606	29.35 -0.24 0.00	26.98 -0.22 0.00	26.43 -0.02 0.00	25.50 0.07 0.00	26.19 0.00 0.00	25.82 0.25 0.00	25.33 0.10 0.00	28.56 0.32 0.00	34.97 0.46 0.00	25.40 0.67 -0.14	4.81 0.09 -0.80	2.69 -0.04 -0.73	17.75 -0.18 -0.29	2.81 0.01 -1.07	1.42 0.02 -1.13	11.17 0.00 -0.93	38.90 1.06 -0.21	41.45 0.19 -0.07	25.90 -0.20 -0.31	16.43 -0.39 -0.16	5.31 -0.16 -1.08	12.04 -0.52 -0.58	6.15 -0.10 -1.12	23.38 -0.56 -0.06
AMERICAN_REF_FUEL 24010	29.01 -0.58 0.00	26.93 -0.27 0.00	26.09 -0.36 0.00	25.03 -0.40 0.00	25.72 -0.47 0.00	25.05 -0.52 0.00	24.22 -1.01 0.00	27.08 -1.16 0.00	32.84 -1.67 0.00	24.22 -1.32 -0.94	9.20 -0.22 -5.51	6.88 -0.09 -4.97	18.68 -0.97 -2.01	8.94 -0.12 -7.31	8.02 -0.03 -7.78	15.71 -0.88 -6.34	36.08 -2.98 -1.42	38.55 -3.13 -0.48	25.73 -2.11 -2.04	16.25 -1.45 -1.04	10.90 -0.38 -6.88	14.69 -1.00 -3.72	11.80 -0.45 -7.12	22.62 -1.66 -0.41
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.23 0.64 0.00	27.91 0.71 0.00	27.18 0.73 0.00	26.01 0.57 0.00	26.76 0.57 0.00	26.14 0.57 0.00	25.44 0.21 0.00	28.55 0.31 0.00	34.87 0.35 0.00	25.64 0.04 -1.00	9.75 -0.03 -5.86	7.31 0.01 -5.30	19.77 -0.01 -2.13	9.50 -0.02 -7.79	8.55 -0.01 -8.28	16.60 -0.40 -6.75	37.56 -1.59 -1.51	40.30 -1.41 -0.51	26.70 -1.26 -2.17	16.78 -0.98 -1.10	11.41 -0.22 -7.24	15.34 -0.54 -3.91	12.32 -0.29 -7.48	23.33 -0.97 -0.43
ARTHUR_KILL_GT_1 23520	30.97 1.39 0.00	28.34 1.15 0.00	27.52 1.07 0.00	26.75 1.31 0.00	27.64 1.45 0.00	27.00 1.43 0.00	26.86 1.63 0.00	30.24 2.00 0.00	37.01 2.50 0.00	30.08 1.83 -3.66	25.56 0.27 -21.37	21.43 0.12 -19.31	26.44 1.02 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.56 0.02 -24.62	44.25 2.27 -4.34	45.75 2.69 -1.85	35.82 1.85 -8.17	22.21 1.16 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.37 -30.01	27.14 1.54 -1.73
ARTHUR_KILL_2 23512	30.88 1.30 0.00	28.27 1.07 0.00	27.44 1.00 0.00	26.67 1.24 0.00	27.57 1.37 0.00	26.93 1.35 0.00	26.78 1.56 0.00	30.15 1.91 0.00	36.90 2.39 0.00	30.00 1.75 -3.66	25.55 0.25 -21.37	21.42 0.11 -19.31	26.40 0.97 -7.78	30.23 0.09 -28.39	30.49 0.02 -30.20	35.53 0.02 -24.62	44.14 2.15 -4.34	45.60 2.55 -1.85	35.73 1.76 -8.17	22.15 1.10 -4.39	33.72 0.30 -29.03	28.51 0.84 -15.69	35.49 0.35 -30.01	27.07 1.47 -1.73
ARTHUR_KILL_3 23513	30.76 1.17 0.00	28.21 1.01 0.00	27.40 0.95 0.00	26.34 0.91 0.00	27.08 0.89 0.00	26.46 0.87 0.00	26.29 1.06 0.00	29.59 1.35 0.00	36.27 1.76 0.00	29.55 1.30 -3.66	25.49 0.20 -21.37	21.42 0.11 -19.30	26.37 0.94 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.50 0.63 -24.62	45.34 2.19 -5.52	45.59 2.54 -1.85	35.60 1.64 -8.17	22.05 1.00 -4.39	33.70 0.28 -29.03	28.42 0.76 -15.69	35.45 0.31 -30.01	27.00 1.40 -1.73
ARTHUR_KILL_COGEN 323718	30.97 1.39 0.00	28.34 1.15 0.00	27.52 1.07 0.00	26.75 1.31 0.00	27.64 1.45 0.00	27.00 1.43 0.00	26.86 1.63 0.00	30.24 2.00 0.00	37.01 2.50 0.00	30.08 1.83 -3.66	25.56 0.27 -21.37	21.43 0.12 -19.31	26.44 1.02 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.56 0.69 -24.62	44.25 2.27 -4.34	45.75 2.69 -1.85	35.82 1.85 -8.17	22.21 1.16 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.37 -30.01	27.14 1.54 -1.73
ASHOKAN____ 23654	30.69 1.10 0.00	28.22 1.02 0.00	27.44 0.99 0.00	26.40 0.97 0.00	27.18 0.99 0.00	26.70 1.12 0.00	26.41 1.19 0.00	29.66 1.41 0.00	36.32 1.81 0.00	29.79 1.20 -4.00	27.47 0.18 -23.37	23.20 0.08 -21.12	26.84 0.68 -8.51	32.86 0.07 -31.05	33.31 0.01 -33.03	37.70 0.53 -26.93	45.92 2.25 -6.03	45.88 2.66 -2.02	36.43 1.70 -8.94	22.59 1.12 -4.80	36.41 0.28 -31.74	29.89 0.76 -17.16	38.24 0.30 -32.81	27.08 1.32 -1.89

ASTORIA_EAST_ENERGY_CC1 323581	30.94 1.35 0.00	28.37 1.16 0.00	27.54 1.09 0.00	26.48 1.05 0.00	27.24 1.05 0.00	26.62 1.05 0.00	26.38 1.16 0.00	29.65 1.40 0.00	36.36 1.85 0.00	29.63 1.37 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.41 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.52 0.64 -24.62	45.39 2.24 -5.52	45.59 2.55 -1.84	35.60 1.63 -8.17	22.06 1.01 -4.39	33.69 0.27 -29.03	28.41 0.74 -15.69	35.45 0.31 -30.01	27.01 1.41 -1.73
ASTORIA_EAST_ENERGY_CC2 323582	30.94 1.35 0.00	28.37 1.16 0.00	27.54 1.09 0.00	26.48 1.05 0.00	27.24 1.05 0.00	26.62 1.05 0.00	26.38 1.16 0.00	29.65 1.40 0.00	36.36 1.85 0.00	29.63 1.37 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.52 0.64 -24.62	45.39 2.24 -5.52	45.59 2.55 -1.84	35.60 1.63 -8.17	22.06 1.01 -4.39	33.69 0.27 -29.03	28.41 0.74 -15.69	35.45 0.31 -30.01	27.01 1.41 -1.73
ASTORIA_GT2_1 24094	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT2_2 24095	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT2_3 24096	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT2_4 24097	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT3_1 24098	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT3_2 24099	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT3_3 24100	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT3_4 24101	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT4_1 24102	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT4_2 24103	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT4_3 24104	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT4_4 24105	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.41 2.26 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	27.02 1.42 -1.73
ASTORIA_GT_1 23523	31.00 1.42 0.00	28.43 1.23 0.00	27.59 1.15 0.00	26.53 1.10 0.00	27.29 1.10 0.00	26.67 1.10 0.00	26.44 1.21 0.00	29.71 1.47 0.00	36.45 1.94 0.00	29.69 1.44 -3.66	25.52 0.23 -21.37	21.44 0.13 -19.31	26.46 1.03 -7.78	30.23 0.09 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.49 2.33 -5.52	45.70 2.66 -1.84	35.66 1.69 -8.17	22.11 1.05 -4.39	33.70 0.28 -29.03	28.44 0.77 -15.69	35.47 0.32 -30.01	27.07 1.47 -1.73

ASTORIA_GT_10 24110	30.90 1.31 0.00	28.34 1.14 0.00	27.53 1.08 0.00	26.49 1.06 0.00	27.26 1.07 0.00	26.65 1.07 0.00	26.49 1.26 0.00	29.82 1.58 0.00	36.58 2.07 0.00	29.77 1.52 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.52 1.09 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.62 2.46 -5.52	45.87 2.82 -1.85	35.77 1.81 -8.17	22.17 1.11 -4.39	33.72 0.30 -29.03	28.49 0.82 -15.69	35.48 0.33 -30.01	27.08 1.48 -1.73
ASTORIA_GT_11 24225	30.90 1.31 0.00	28.34 1.14 0.00	27.53 1.08 0.00	26.49 1.06 0.00	27.26 1.07 0.00	26.65 1.07 0.00	26.49 1.26 0.00	29.82 1.58 0.00	36.58 2.07 0.00	29.77 1.52 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.52 1.09 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.62 2.46 -5.52	45.87 2.82 -1.85	35.77 1.81 -8.17	22.17 1.11 -4.39	33.72 0.30 -29.03	28.49 0.82 -15.69	35.48 0.33 -30.01	27.08 1.48 -1.73
ASTORIA_GT_12 24226	30.90 1.31 0.00	28.34 1.14 0.00	27.53 1.08 0.00	26.49 1.06 0.00	27.26 1.07 0.00	26.65 1.07 0.00	26.49 1.26 0.00	29.82 1.58 0.00	36.58 2.07 0.00	29.77 1.52 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.52 1.09 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.62 2.46 -5.52	45.87 2.82 -1.85	35.77 1.81 -8.17	22.17 1.11 -4.39	33.72 0.30 -29.03	28.49 0.82 -15.69	35.48 0.33 -30.01	27.08 1.48 -1.73
ASTORIA_GT_13 24227	30.90 1.31 0.00	28.34 1.14 0.00	27.53 1.08 0.00	26.49 1.06 0.00	27.26 1.07 0.00	26.65 1.07 0.00	26.49 1.26 0.00	29.82 1.58 0.00	36.58 2.07 0.00	29.77 1.52 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.52 1.09 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.62 2.46 -5.52	45.87 2.82 -1.85	35.77 1.81 -8.17	22.17 1.11 -4.39	33.72 0.30 -29.03	28.49 0.82 -15.69	35.48 0.33 -30.01	27.08 1.48 -1.73
ASTORIA_GT_5 24106	31.00 1.42 0.00	28.43 1.23 0.00	27.59 1.15 0.00	26.53 1.10 0.00	27.29 1.10 0.00	26.67 1.10 0.00	26.44 1.21 0.00	29.71 1.47 0.00	36.45 1.94 0.00	29.69 1.44 -3.66	25.52 0.23 -21.37	21.44 0.13 -19.31	26.46 1.03 -7.78	30.23 0.09 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.49 2.33 -5.52	45.70 2.66 -1.84	35.66 1.69 -8.17	22.11 1.05 -4.39	33.70 0.28 -29.03	28.44 0.77 -15.69	35.47 0.32 -30.01	27.07 1.47 -1.73
ASTORIA_GT_7 24107	31.00 1.42 0.00	28.43 1.23 0.00	27.59 1.15 0.00	26.53 1.10 0.00	27.29 1.10 0.00	26.67 1.10 0.00	26.44 1.21 0.00	29.71 1.47 0.00	36.45 1.94 0.00	29.69 1.44 -3.66	25.52 0.23 -21.37	21.44 0.13 -19.31	26.46 1.03 -7.78	30.23 0.09 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.49 2.33 -5.52	45.70 2.66 -1.84	35.66 1.69 -8.17	22.11 1.05 -4.39	33.70 0.28 -29.03	28.44 0.77 -15.69	35.47 0.32 -30.01	27.07 1.47 -1.73
ASTORIA_GT_8 24108	31.00 1.42 0.00	28.43 1.23 0.00	27.59 1.15 0.00	26.53 1.10 0.00	27.29 1.10 0.00	26.68 1.10 0.00	26.44 1.21 0.00	29.71 1.47 0.00	36.45 1.94 0.00	29.69 1.44 -3.66	25.52 0.23 -21.37	21.44 0.13 -19.31	26.46 1.03 -7.78	30.23 0.09 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.49 2.33 -5.52	45.70 2.66 -1.84	35.66 1.69 -8.17	22.11 1.05 -4.39	33.70 0.28 -29.03	28.45 0.78 -15.69	35.46 0.32 -30.01	27.06 1.46 -1.73
ASTORIA___2 24149	30.95 1.36 0.00	28.38 1.18 0.00	27.55 1.10 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.63 1.06 0.00	26.39 1.16 0.00	29.66 1.42 0.00	36.38 1.87 0.00	29.65 1.39 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.31	26.42 0.99 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.52 0.65 -24.62	45.41 2.25 -5.52	45.61 2.57 -1.84	35.61 1.64 -8.17	22.07 1.01 -4.39	33.69 0.27 -29.03	28.42 0.75 -15.69	35.46 0.31 -30.01	27.02 1.42 -1.73
ASTORIA___3 23516	30.90 1.31 0.00	28.34 1.14 0.00	27.53 1.08 0.00	26.50 1.06 0.00	27.26 1.07 0.00	26.65 1.07 0.00	26.49 1.26 0.00	29.82 1.58 0.00	36.57 2.06 0.00	29.78 1.53 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.52 1.09 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.61 2.46 -5.52	45.87 2.82 -1.85	35.77 1.81 -8.17	22.17 1.11 -4.39	33.72 0.30 -29.03	28.48 0.82 -15.69	35.48 0.33 -30.01	27.08 1.48 -1.73
ASTORIA___4 23517	30.90 1.31 0.00	28.34 1.14 0.00	27.53 1.08 0.00	26.49 1.06 0.00	27.26 1.07 0.00	26.65 1.07 0.00	26.49 1.26 0.00	29.82 1.58 0.00	36.58 2.07 0.00	29.77 1.52 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.52 1.09 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.62 2.46 -5.52	45.87 2.82 -1.85	35.77 1.81 -8.17	22.17 1.11 -4.39	33.72 0.30 -29.03	28.49 0.82 -15.69	35.48 0.33 -30.01	27.08 1.48 -1.73
ASTORIA___5 23518	30.90 1.31 0.00	28.34 1.14 0.00	27.53 1.08 0.00	26.50 1.06 0.00	27.26 1.07 0.00	26.65 1.07 0.00	26.49 1.26 0.00	29.82 1.58 0.00	36.57 2.06 0.00	29.78 1.53 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.52 1.09 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.61 2.46 -5.52	45.87 2.82 -1.85	35.77 1.81 -8.17	22.17 1.11 -4.39	33.72 0.30 -29.03	28.48 0.82 -15.69	35.48 0.33 -30.01	27.08 1.48 -1.73
AST_ENERGY_2_CC3 323677	30.80 1.21 0.00	28.24 1.04 0.00	27.44 0.99 0.00	26.42 0.99 0.00	27.15 0.96 0.00	26.53 0.95 0.00	26.33 1.10 0.00	29.63 1.39 0.00	36.34 1.83 0.00	29.60 1.35 -3.66	25.50 0.21 -21.37	21.42 0.11 -19.30	26.41 0.98 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.40 2.25 -5.52	45.64 2.59 -1.85	35.63 1.67 -8.17	22.08 1.02 -4.39	33.70 0.28 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	26.99 1.39 -1.73
AST_ENERGY_2_CC4 323678	30.80 1.21 0.00	28.24 1.04 0.00	27.44 0.99 0.00	26.42 0.99 0.00	27.15 0.96 0.00	26.53 0.95 0.00	26.33 1.10 0.00	29.63 1.39 0.00	36.34 1.83 0.00	29.60 1.35 -3.66	25.50 0.21 -21.37	21.42 0.11 -19.30	26.41 0.98 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.51 0.64 -24.62	45.40 2.25 -5.52	45.64 2.59 -1.85	35.63 1.67 -8.17	22.08 1.02 -4.39	33.70 0.28 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	26.99 1.39 -1.73
ATHENS_STG_1 23668	30.21 0.62 0.00	27.79 0.59 0.00	27.03 0.58 0.00	26.00 0.56 0.00	26.75 0.55 0.00	26.14 0.56 0.00	25.86 0.64 0.00	28.99 0.75 0.00	35.53 1.02 0.00	29.35 0.74 -4.01	27.50 0.12 -23.46	23.27 0.06 -21.20	26.75 0.56 -8.54	32.97 0.06 -31.17	33.44 0.01 -33.16	37.59 0.31 -27.03	44.77 1.07 -6.06	44.45 1.22 -2.03	35.58 0.81 -8.97	22.00 0.51 -4.82	36.39 0.14 -31.86	29.57 0.37 -17.22	38.22 0.15 -32.94	26.44 0.68 -1.90
ATHENS_STG_2 23670	30.21 0.62 0.00	27.79 0.59 0.00	27.03 0.58 0.00	26.00 0.56 0.00	26.75 0.55 0.00	26.14 0.56 0.00	25.86 0.64 0.00	28.99 0.75 0.00	35.53 1.02 0.00	29.35 0.74 -4.01	27.50 0.12 -23.46	23.27 0.06 -21.20	26.75 0.56 -8.54	32.97 0.06 -31.17	33.44 0.01 -33.16	37.59 0.31 -27.03	44.77 1.07 -6.06	44.45 1.22 -2.03	35.58 0.81 -8.97	22.00 0.51 -4.82	36.39 0.14 -31.86	29.57 0.37 -17.22	38.22 0.15 -32.94	26.44 0.68 -1.90

ATHENS_STG_3 23677	30.21 0.62 0.00	27.79 0.59 0.00	27.03 0.58 0.00	26.00 0.56 0.00	26.75 0.55 0.00	26.14 0.56 0.00	25.86 0.64 0.00	28.99 0.75 0.00	35.53 1.02 0.00	29.35 0.74 -4.01	27.50 0.12 -23.46	23.27 0.06 -21.20	26.75 0.56 -8.54	32.97 0.06 -31.17	33.44 0.01 -33.16	37.59 0.31 -27.03	44.77 1.07 -6.06	44.45 1.22 -2.03	35.58 0.81 -8.97	22.00 0.51 -4.82	36.39 0.14 -31.86	29.57 0.37 -17.22	38.22 0.15 -32.94	26.44 0.68 -1.90
AUBURN____LFGE 323710	29.96 0.37 0.00	27.47 0.27 0.00	26.68 0.23 0.00	25.65 0.21 0.00	26.54 0.35 0.00	25.88 0.31 0.00	25.50 0.27 0.00	28.43 0.19 0.00	34.62 0.11 0.00	25.41 -0.03 -0.84	8.80 -0.01 -4.89	6.43 0.00 -4.42	19.42 0.00 -1.78	8.24 0.00 -6.50	7.18 0.00 -6.91	15.87 -0.02 -5.64	38.85 -0.05 -1.26	41.71 0.09 -0.42	27.67 0.03 -1.85	17.71 0.07 -0.98	10.90 0.03 -6.48	15.57 0.09 -3.51	11.85 0.01 -6.71	24.36 0.10 -0.39
BABYLON_RES_REC 323704	31.32 1.73 0.00	28.72 1.53 0.00	27.73 1.28 0.00	26.76 1.32 0.00	27.53 1.34 0.00	26.96 1.39 0.00	26.82 1.59 0.00	30.17 1.93 0.00	37.29 2.78 0.00	30.30 2.05 -3.66	25.96 0.34 -21.69	21.46 0.15 -19.31	26.77 1.35 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	35.96 0.93 -24.78	60.98 2.94 -20.40	50.40 3.08 -6.11	41.47 2.21 -13.48	26.61 1.38 -8.57	42.10 0.37 -37.34	42.54 1.02 -29.54	40.56 0.44 -34.99	27.58 1.99 -1.73
BABYLON__69_KV_BK2 356345	31.70 2.11 0.00	29.04 1.85 0.00	28.04 1.59 0.00	27.05 1.62 0.00	27.83 1.64 0.00	27.26 1.69 0.00	27.12 1.89 0.00	30.52 2.28 0.00	37.73 3.22 0.00	30.63 2.38 -3.66	26.67 0.38 -22.37	21.48 0.17 -19.31	27.01 1.58 -7.78	30.28 0.15 -28.40	30.50 0.03 -30.20	36.39 1.02 -25.12	92.96 3.33 -51.99	59.85 3.49 -15.16	53.09 2.57 -24.73	35.68 1.59 -17.43	59.80 0.42 -54.98	72.05 1.15 -58.93	51.16 0.49 -45.54	27.90 2.30 -1.73
BALL_HILL_WT_PWR 323825	29.98 0.39 0.00	27.69 0.49 0.00	26.90 0.45 0.00	25.77 0.34 0.00	26.52 0.33 0.00	25.84 0.26 0.00	25.15 -0.08 0.00	28.21 -0.03 0.00	34.36 -0.15 0.00	25.26 -0.33 -0.99	9.65 -0.08 -5.80	7.23 -0.02 -5.24	19.53 -0.23 -2.11	9.41 -0.04 -7.71	8.46 -0.01 -8.20	16.49 -0.44 -6.68	37.59 -1.55 -1.50	40.28 -1.43 -0.50	26.73 -1.21 -2.15	16.84 -0.90 -1.09	11.36 -0.21 -7.18	15.31 -0.55 -3.88	12.27 -0.28 -7.42	23.45 -0.84 -0.43
BARON_WINDS____WT_PWR 323822	29.56 -0.03 0.00	27.24 0.05 0.00	26.41 -0.04 0.00	25.44 0.01 0.00	26.27 0.08 0.00	25.65 0.07 0.00	25.18 -0.04 0.00	28.32 0.08 0.00	34.55 0.03 0.00	25.57 -0.22 -1.19	10.83 -0.06 -6.98	8.29 -0.02 -6.31	20.03 -0.16 -2.54	11.00 -0.02 -9.28	10.13 -0.01 -9.86	18.02 -0.27 -8.04	38.42 -1.03 -1.80	40.83 -0.97 -0.60	27.37 -0.98 -2.55	17.00 -0.93 -1.27	12.53 -0.22 -8.37	15.95 -0.55 -4.52	13.49 -0.29 -8.65	23.49 -0.88 -0.50
BARRETT_IC_1 23704	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT_IC_10 23701	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT_IC_11 23702	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT_IC_12 23703	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT_IC_2 23705	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT_IC_3 23706	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT_IC_4 23707	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT_IC_5 23708	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT_IC_6 23709	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73

BARRETT_IC_7 23710	31.03 1.44 0.00	28.51 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.20 0.00	26.60 1.37 0.00	29.91 1.66 0.00	36.90 2.38 0.00	30.02 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.67 0.80 -24.62	45.66 2.50 -5.52	45.67 2.62 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.56 0.89 -15.70	35.53 0.38 -30.02	27.34 1.74 -1.73
BARRETT_IC_8 23711	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT_IC_9 23700	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT___1 23545	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BARRETT___2 23546	31.03 1.44 0.00	28.50 1.31 0.00	27.51 1.06 0.00	26.59 1.15 0.00	27.36 1.17 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.90 1.66 0.00	36.89 2.38 0.00	30.03 1.77 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.68 0.81 -24.62	45.64 2.48 -5.52	45.66 2.61 -1.85	35.75 1.78 -8.17	22.16 1.11 -4.39	33.73 0.30 -29.03	28.55 0.88 -15.70	35.53 0.38 -30.02	27.35 1.75 -1.73
BATAVIA___115KV_TB1 55881	30.16 0.57 0.00	27.91 0.72 0.00	27.04 0.60 0.00	25.95 0.52 0.00	26.69 0.50 0.00	25.86 0.28 0.00	25.03 -0.20 0.00	28.04 -0.21 0.00	33.95 -0.56 0.00	24.90 -0.62 -0.93	9.24 -0.10 -5.42	6.86 -0.05 -4.90	19.04 -0.58 -1.97	8.86 -0.08 -7.20	7.91 -0.02 -7.66	15.93 -0.56 -6.25	37.34 -1.70 -1.40	40.07 -1.60 -0.47	26.64 -1.17 -2.01	16.84 -0.85 -1.03	10.97 -0.23 -6.80	15.06 -0.59 -3.68	11.88 -0.28 -7.03	23.36 -0.92 -0.40
BAYONEEC___CTG1 323682	30.87 1.28 0.00	28.31 1.11 0.00	27.50 1.05 0.00	26.45 1.02 0.00	27.20 1.00 0.00	26.57 1.00 0.00	26.41 1.18 0.00	29.72 1.48 0.00	36.45 1.94 0.00	29.68 1.42 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.51 2.35 -5.52	45.76 2.71 -1.85	35.71 1.75 -8.17	22.13 1.07 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
BAYONEEC___CTG10 323750	30.87 1.28 0.00	28.31 1.11 0.00	27.50 1.05 0.00	26.45 1.02 0.00	27.20 1.00 0.00	26.57 1.00 0.00	26.41 1.18 0.00	29.72 1.48 0.00	36.45 1.94 0.00	29.68 1.42 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.51 2.35 -5.52	45.76 2.71 -1.85	35.71 1.75 -8.17	22.13 1.07 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
BAYONEEC___CTG2 323683	30.87 1.28 0.00	28.31 1.11 0.00	27.50 1.05 0.00	26.45 1.02 0.00	27.20 1.00 0.00	26.57 1.00 0.00	26.41 1.18 0.00	29.72 1.48 0.00	36.45 1.94 0.00	29.68 1.42 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.51 2.35 -5.52	45.76 2.71 -1.85	35.71 1.75 -8.17	22.13 1.07 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
BAYONEEC___CTG3 323684	30.87 1.28 0.00	28.31 1.11 0.00	27.50 1.05 0.00	26.45 1.02 0.00	27.20 1.00 0.00	26.57 1.00 0.00	26.41 1.18 0.00	29.72 1.48 0.00	36.45 1.94 0.00	29.68 1.42 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.51 2.35 -5.52	45.76 2.71 -1.85	35.71 1.75 -8.17	22.13 1.07 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
BAYONEEC___CTG4 323685	30.87 1.28 0.00	28.31 1.11 0.00	27.50 1.05 0.00	26.45 1.02 0.00	27.20 1.00 0.00	26.57 1.00 0.00	26.41 1.18 0.00	29.72 1.48 0.00	36.45 1.94 0.00	29.68 1.42 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.51 2.35 -5.52	45.76 2.71 -1.85	35.71 1.75 -8.17	22.13 1.07 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
BAYONEEC___CTG5 323686	30.87 1.28 0.00	28.31 1.11 0.00	27.50 1.05 0.00	26.45 1.02 0.00	27.20 1.00 0.00	26.57 1.00 0.00	26.41 1.18 0.00	29.72 1.48 0.00	36.45 1.94 0.00	29.68 1.42 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.51 2.35 -5.52	45.76 2.71 -1.85	35.71 1.75 -8.17	22.13 1.07 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
BAYONEEC___CTG6 323687	30.87 1.28 0.00	28.31 1.11 0.00	27.50 1.05 0.00	26.45 1.02 0.00	27.20 1.00 0.00	26.57 1.00 0.00	26.41 1.18 0.00	29.72 1.48 0.00	36.45 1.94 0.00	29.68 1.42 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.51 2.35 -5.52	45.76 2.71 -1.85	35.71 1.75 -8.17	22.13 1.07 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
BAYONEEC___CTG7 323688	30.87 1.28 0.00	28.31 1.11 0.00	27.50 1.05 0.00	26.45 1.02 0.00	27.20 1.00 0.00	26.57 1.00 0.00	26.41 1.18 0.00	29.72 1.48 0.00	36.45 1.94 0.00	29.68 1.42 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.51 2.35 -5.52	45.76 2.71 -1.85	35.71 1.75 -8.17	22.13 1.07 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
BAYONEEC___CTG8 323689	30.87 1.28 0.00	28.31 1.11 0.00	27.50 1.05 0.00	26.45 1.02 0.00	27.20 1.00 0.00	26.57 1.00 0.00	26.41 1.18 0.00	29.72 1.48 0.00	36.45 1.94 0.00	29.68 1.42 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.51 2.35 -5.52	45.76 2.71 -1.85	35.71 1.75 -8.17	22.13 1.07 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73

BAYONEEC___CTG9 323749	30.87 1.28 0.00	28.31 1.11 0.00	27.50 1.05 0.00	26.45 1.02 0.00	27.20 1.00 0.00	26.57 1.00 0.00	26.41 1.18 0.00	29.72 1.48 0.00	36.45 1.94 0.00	29.68 1.42 -3.66	25.51 0.22 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.51 2.35 -5.52	45.76 2.71 -1.85	35.71 1.75 -8.17	22.13 1.07 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
BEACON___LESR 323632	30.09 0.50 0.00	27.66 0.46 0.00	26.90 0.45 0.00	25.88 0.44 0.00	26.62 0.43 0.00	26.15 0.57 0.00	25.90 0.68 0.00	28.96 0.72 0.00	35.47 0.96 0.00	29.68 0.71 -4.37	29.60 0.11 -25.57	25.16 0.06 -23.10	27.46 0.50 -9.31	35.77 0.05 -33.97	36.42 0.01 -36.13	40.06 0.35 -29.46	45.51 1.27 -6.60	44.77 1.35 -2.22	36.45 0.88 -9.78	22.53 0.62 -5.26	39.25 0.15 -34.71	31.16 0.42 -18.76	41.17 0.16 -35.88	26.68 0.74 -2.07
BEAVER RIVER___HYD 24048	29.33 -0.26 0.00	26.72 -0.48 0.00	26.04 -0.40 0.00	25.19 -0.25 0.00	26.07 -0.13 0.00	25.50 -0.08 0.00	25.20 -0.03 0.00	28.45 0.20 0.00	34.52 0.01 0.00	24.77 -0.13 -0.31	5.65 -0.06 -1.79	3.57 -0.05 -1.62	17.88 -0.42 -0.65	4.09 -0.03 -2.38	2.80 0.00 -2.53	12.24 -0.07 -2.06	38.55 0.45 -0.46	41.48 0.13 -0.15	26.21 -0.26 -0.68	16.73 -0.30 -0.36	6.69 -0.11 -2.41	12.80 -0.47 -1.30	7.40 -0.22 -2.49	23.03 -0.98 -0.14
BEEBEE_GT_13 23619	29.72 0.13 0.00	27.45 0.25 0.00	26.61 0.17 0.00	25.56 0.12 0.00	26.29 0.10 0.00	25.64 0.06 0.00	25.06 -0.16 0.00	28.08 -0.16 0.00	34.10 -0.41 0.00	25.04 -0.39 -0.83	8.73 -0.06 -4.87	6.38 -0.03 -4.40	19.12 -0.29 -1.77	8.17 -0.04 -6.47	7.14 -0.01 -6.88	15.55 -0.30 -5.61	37.94 -0.95 -1.26	40.72 -0.90 -0.42	26.96 -0.66 -1.83	17.13 -0.48 -0.95	10.52 -0.12 -6.26	15.04 -0.32 -3.39	11.45 -0.15 -6.47	23.74 -0.50 -0.37
BENSHRST_27_KV_BENSHRST_1 355998	31.15 1.56 0.00	28.54 1.34 0.00	27.70 1.26 0.00	26.69 1.25 0.00	27.49 1.29 0.00	26.86 1.28 0.00	26.72 1.49 0.00	30.10 1.85 0.00	36.90 2.39 0.00	30.02 1.77 -3.66	25.57 0.27 -21.37	21.46 0.14 -19.31	26.65 1.23 -7.78	30.25 0.12 -28.39	30.49 0.02 -30.20	35.66 0.79 -24.62	45.92 2.76 -5.52	46.22 3.17 -1.85	36.01 2.04 -8.17	22.33 1.27 -4.39	33.77 0.35 -29.03	28.61 0.94 -15.69	35.53 0.39 -30.01	27.28 1.69 -1.73
BETHLEHEM___GRP 23843	29.59 0.00 0.00	27.23 0.03 0.00	26.50 0.05 0.00	25.51 0.07 0.00	26.25 0.06 0.00	25.78 0.20 0.00	25.47 0.24 0.00	28.42 0.17 0.00	34.81 0.30 0.00	29.24 0.26 -4.38	29.56 0.05 -25.60	25.16 0.03 -23.12	27.18 0.21 -9.32	35.77 0.02 -34.01	36.45 0.00 -36.17	39.88 0.14 -29.49	44.73 0.48 -6.61	43.89 0.48 -2.22	35.91 0.33 -9.79	22.18 0.26 -5.26	39.19 0.06 -34.74	30.92 0.15 -18.78	41.11 0.05 -35.92	26.18 0.25 -2.07
BETHLEHEM___GS1 323560	29.59 0.00 0.00	27.23 0.03 0.00	26.50 0.05 0.00	25.51 0.07 0.00	26.25 0.06 0.00	25.78 0.20 0.00	25.47 0.24 0.00	28.42 0.17 0.00	34.81 0.30 0.00	29.24 0.26 -4.38	29.56 0.05 -25.60	25.16 0.03 -23.12	27.18 0.21 -9.32	35.77 0.02 -34.01	36.45 0.00 -36.17	39.87 0.13 -29.49	44.72 0.48 -6.61	43.90 0.48 -2.22	35.91 0.33 -9.79	22.18 0.26 -5.26	39.19 0.06 -34.74	30.92 0.16 -18.78	41.11 0.05 -35.92	26.18 0.24 -2.07
BETHLEHEM___GS2 323561	29.59 0.00 0.00	27.23 0.03 0.00	26.50 0.05 0.00	25.51 0.07 0.00	26.25 0.06 0.00	25.78 0.20 0.00	25.47 0.24 0.00	28.42 0.17 0.00	34.81 0.30 0.00	29.24 0.26 -4.38	29.56 0.05 -25.60	25.16 0.03 -23.12	27.18 0.21 -9.32	35.77 0.02 -34.01	36.45 0.00 -36.17	39.87 0.13 -29.49	44.72 0.48 -6.61	43.90 0.48 -2.22	35.91 0.33 -9.79	22.18 0.26 -5.26	39.19 0.06 -34.74	30.92 0.16 -18.78	41.11 0.05 -35.92	26.18 0.24 -2.07
BETHLEHEM___GS3 323562	29.59 0.00 0.00	27.23 0.03 0.00	26.50 0.05 0.00	25.51 0.07 0.00	26.25 0.06 0.00	25.78 0.20 0.00	25.47 0.24 0.00	28.42 0.17 0.00	34.81 0.30 0.00	29.24 0.26 -4.38	29.56 0.05 -25.60	25.16 0.03 -23.12	27.18 0.21 -9.32	35.77 0.02 -34.01	36.45 0.00 -36.17	39.87 0.13 -29.49	44.72 0.48 -6.61	43.90 0.48 -2.22	35.91 0.33 -9.79	22.18 0.26 -5.26	39.19 0.06 -34.74	30.92 0.16 -18.78	41.11 0.05 -35.92	26.18 0.24 -2.07
BETHLEHEM___STEEL 23779	29.90 0.31 0.00	27.69 0.49 0.00	26.85 0.40 0.00	25.75 0.32 0.00	26.48 0.29 0.00	25.77 0.19 0.00	25.05 -0.18 0.00	28.09 -0.15 0.00	34.14 -0.37 0.00	25.12 -0.46 -0.98	9.54 -0.09 -5.71	7.14 -0.03 -5.16	19.39 -0.33 -2.08	9.27 -0.05 -7.58	8.32 -0.02 -8.07	16.33 -0.50 -6.58	37.46 -1.65 -1.47	40.09 -1.60 -0.49	26.65 -1.26 -2.11	16.79 -0.94 -1.07	11.24 -0.23 -7.08	15.19 -0.61 -3.83	12.16 -0.30 -7.33	23.34 -0.96 -0.42
BETHLHEM_115KV_TB1 79974	29.69 0.10 0.00	27.33 0.13 0.00	26.59 0.15 0.00	25.59 0.15 0.00	26.34 0.14 0.00	25.84 0.26 0.00	25.52 0.29 0.00	28.51 0.26 0.00	34.92 0.41 0.00	29.31 0.34 -4.38	29.56 0.06 -25.59	25.15 0.03 -23.11	27.22 0.26 -9.32	35.75 0.02 -33.99	36.43 0.01 -36.15	39.89 0.16 -29.47	44.83 0.59 -6.60	44.01 0.60 -2.22	35.98 0.41 -9.78	22.22 0.31 -5.26	39.19 0.07 -34.72	30.94 0.19 -18.77	41.11 0.07 -35.90	26.25 0.31 -2.07
BETHPAGE_CC_5 323564	31.23 1.64 0.00	28.65 1.45 0.00	27.65 1.21 0.00	26.69 1.26 0.00	27.47 1.28 0.00	26.90 1.32 0.00	26.75 1.52 0.00	30.09 1.85 0.00	37.16 2.65 0.00	30.22 1.96 -3.66	25.62 0.33 -21.37	21.46 0.15 -19.31	26.76 1.33 -7.78	30.26 0.12 -28.40	30.50 0.02 -30.20	35.76 0.88 -24.62	45.97 2.82 -5.52	45.99 2.94 -1.85	36.01 2.04 -8.17	22.33 1.27 -4.39	33.76 0.34 -29.03	28.64 0.97 -15.70	35.57 0.42 -30.02	27.49 1.90 -1.73
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.01 0.43 0.00	27.78 0.58 0.00	26.94 0.49 0.00	25.84 0.40 0.00	26.57 0.38 0.00	25.87 0.29 0.00	25.16 -0.07 0.00	28.21 -0.03 0.00	34.29 -0.23 0.00	25.23 -0.35 -0.98	9.59 -0.07 -5.74	7.17 -0.02 -5.19	19.47 -0.26 -2.09	9.32 -0.04 -7.63	8.37 -0.02 -8.11	16.42 -0.44 -6.61	37.66 -1.46 -1.48	40.30 -1.39 -0.50	26.78 -1.14 -2.12	16.87 -0.87 -1.08	11.29 -0.22 -7.11	15.25 -0.57 -3.85	12.20 -0.28 -7.36	23.41 -0.88 -0.42
BINGHAMTON___COGEN 23790	30.01 0.42 0.00	27.55 0.35 0.00	26.79 0.34 0.00	25.72 0.28 0.00	26.50 0.31 0.00	25.85 0.27 0.00	25.47 0.25 0.00	28.56 0.32 0.00	34.89 0.38 0.00	26.34 0.16 -1.57	13.14 0.02 -9.20	10.33 0.01 -8.31	21.15 0.16 -3.35	13.98 0.01 -12.23	13.27 0.00 -13.00	20.92 0.07 -10.60	40.22 0.20 -2.38	42.38 0.38 -0.80	29.55 0.24 -3.52	18.72 0.17 -1.89	16.90 0.06 -12.45	18.86 0.15 -6.73	18.06 0.05 -12.88	24.90 0.29 -0.74
BIXINCNT_115KV_LOAD 355685	30.48 0.89 0.00	28.17 0.97 0.00	27.42 0.97 0.00	26.30 0.87 0.00	27.05 0.85 0.00	26.33 0.75 0.00	25.71 0.48 0.00	28.89 0.65 0.00	35.15 0.64 0.00	25.81 0.20 -1.01	9.80 0.00 -5.89	7.34 0.01 -5.32	19.80 0.01 -2.14	9.55 -0.01 -7.82	8.58 -0.01 -8.32	16.69 -0.34 -6.78	38.26 -0.90 -1.52	41.00 -0.71 -0.51	27.01 -0.96 -2.18	16.88 -0.88 -1.10	11.41 -0.24 -7.26	15.34 -0.56 -3.92	12.36 -0.27 -7.50	23.60 -0.70 -0.43

BLACK RIVER___HYD 24047	29.59 0.00 0.00	26.95 -0.25 0.00	26.27 -0.18 0.00	25.46 0.03 0.00	26.36 0.17 0.00	25.71 0.13 0.00	25.42 0.19 0.00	28.67 0.43 0.00	34.62 0.11 0.00	24.76 -0.32 -0.48	6.65 -0.09 -2.82	4.48 -0.07 -2.54	18.12 -0.55 -1.03	5.43 -0.05 -3.74	4.24 -0.01 -3.98	13.39 -0.10 -3.24	38.84 0.47 -0.73	41.89 0.45 -0.24	26.71 -0.15 -1.07	17.09 -0.15 -0.57	8.12 -0.05 -3.78	13.67 -0.34 -2.05	8.85 -0.20 -3.91	23.27 -0.82 -0.23
BLACKRVR_115KV_TB2 79977	29.59 0.00 0.00	26.95 -0.25 0.00	26.27 -0.18 0.00	25.46 0.03 0.00	26.36 0.17 0.00	25.71 0.13 0.00	25.41 0.19 0.00	28.67 0.43 0.00	34.62 0.11 0.00	24.76 -0.32 -0.48	6.65 -0.09 -2.82	4.48 -0.07 -2.54	18.12 -0.55 -1.03	5.43 -0.05 -3.74	4.24 -0.01 -3.98	13.39 -0.10 -3.24	38.84 0.47 -0.73	41.89 0.45 -0.24	26.71 -0.15 -1.07	17.08 -0.15 -0.57	8.12 -0.05 -3.78	13.68 -0.34 -2.05	8.85 -0.20 -3.91	23.27 -0.83 -0.23
BLISS_WT_PWR 323608	30.48 0.89 0.00	28.17 0.97 0.00	27.44 0.99 0.00	26.33 0.89 0.00	27.07 0.88 0.00	26.36 0.78 0.00	25.74 0.51 0.00	28.93 0.69 0.00	35.19 0.68 0.00	25.84 0.23 -1.01	9.80 0.00 -5.89	7.34 0.01 -5.32	19.79 0.01 -2.14	9.55 -0.01 -7.82	8.58 -0.01 -8.32	16.66 -0.37 -6.78	38.20 -0.96 -1.52	40.94 -0.77 -0.51	26.93 -1.03 -2.18	16.79 -0.97 -1.10	11.38 -0.27 -7.26	15.27 -0.62 -3.92	12.34 -0.30 -7.50	23.52 -0.78 -0.43
BLUESTONE___WT_PWR 323821	30.99 1.40 0.00	28.24 1.04 0.00	27.57 1.12 0.00	26.45 1.02 0.00	27.06 0.87 0.00	26.41 0.83 0.00	26.25 1.02 0.00	29.37 1.13 0.00	35.92 1.41 0.00	27.12 0.89 -1.63	13.58 0.13 -9.54	10.67 0.05 -8.61	21.60 0.48 -3.47	14.45 0.05 -12.67	13.75 0.00 -13.47	21.72 0.48 -10.98	42.11 2.01 -2.46	44.69 2.67 -0.83	31.22 1.78 -3.65	19.74 1.12 -1.96	17.61 0.30 -12.92	19.73 0.77 -6.98	18.76 0.27 -13.36	25.75 1.11 -0.77
BLUE_CIRC_CHEM_DRP 24182	29.98 0.39 0.00	27.59 0.39 0.00	26.85 0.40 0.00	25.83 0.39 0.00	26.58 0.39 0.00	26.02 0.44 0.00	25.72 0.49 0.00	28.77 0.53 0.00	35.23 0.72 0.00	29.50 0.54 -4.36	29.51 0.09 -25.50	25.09 0.05 -23.04	27.34 0.41 -9.29	35.66 0.04 -33.88	36.32 0.01 -36.04	39.87 0.24 -29.38	45.09 0.87 -6.58	44.34 0.93 -2.21	36.15 0.61 -9.75	22.32 0.42 -5.24	39.11 0.10 -34.61	30.98 0.28 -18.72	41.03 0.11 -35.79	26.44 0.51 -2.06
BOC_GAS_DRP 24189	29.96 0.37 0.00	27.56 0.37 0.00	26.82 0.38 0.00	25.80 0.37 0.00	26.55 0.36 0.00	25.98 0.40 0.00	25.69 0.46 0.00	28.74 0.50 0.00	35.20 0.69 0.00	29.47 0.51 -4.36	29.52 0.09 -25.51	25.10 0.05 -23.05	27.33 0.40 -9.29	35.67 0.04 -33.89	36.32 0.01 -36.05	39.87 0.23 -29.39	45.03 0.81 -6.58	44.28 0.87 -2.21	36.13 0.58 -9.75	22.30 0.40 -5.24	39.11 0.10 -34.62	30.97 0.27 -18.72	41.04 0.11 -35.80	26.41 0.48 -2.06
BOONVILLE_115KV_TB1 79983	29.90 0.31 0.00	27.36 0.16 0.00	26.64 0.19 0.00	25.67 0.24 0.00	26.52 0.33 0.00	25.93 0.36 0.00	25.62 0.39 0.00	28.81 0.56 0.00	35.07 0.56 0.00	25.16 0.30 -0.27	5.49 0.03 -1.54	3.40 0.00 -1.40	18.23 0.03 -0.56	3.80 0.01 -2.05	2.46 0.01 -2.19	12.16 0.13 -1.78	38.91 0.87 -0.40	42.18 0.85 -0.13	26.73 0.35 -0.59	17.14 0.16 -0.31	6.50 0.03 -2.08	13.08 -0.02 -1.12	7.25 -0.03 -2.15	23.88 -0.12 -0.12
BORALEX_4TH_BRANCH 23824	30.45 0.86 0.00	28.08 0.88 0.00	27.45 1.00 0.00	26.42 0.98 0.00	27.18 0.99 0.00	26.56 0.98 0.00	26.20 0.97 0.00	29.23 0.99 0.00	35.88 1.37 0.00	30.04 1.09 -4.36	29.61 0.19 -25.50	25.14 0.10 -23.03	27.78 0.85 -9.29	35.70 0.09 -33.88	36.32 0.01 -36.03	40.11 0.48 -29.37	46.11 1.89 -6.58	45.20 1.79 -2.21	36.64 1.09 -9.75	22.67 0.77 -5.24	39.20 0.21 -34.61	31.24 0.56 -18.71	41.14 0.23 -35.78	26.93 1.00 -2.06
BOWLINE___1 23526	30.70 1.11 0.00	28.17 0.97 0.00	27.37 0.92 0.00	26.31 0.88 0.00	27.07 0.87 0.00	26.45 0.87 0.00	26.33 1.10 0.00	29.60 1.36 0.00	36.33 1.82 0.00	29.58 1.33 -3.65	25.46 0.21 -21.33	21.39 0.11 -19.27	26.37 0.96 -7.77	30.18 0.10 -28.34	30.43 0.02 -30.14	35.44 0.62 -24.57	45.32 2.18 -5.51	45.55 2.51 -1.85	35.54 1.59 -8.16	22.03 0.98 -4.39	33.63 0.27 -28.97	28.36 0.72 -15.67	35.38 0.29 -29.96	26.91 1.32 -1.72
BOWLINE___2 23595	30.69 1.09 0.00	28.16 0.96 0.00	27.36 0.92 0.00	26.30 0.87 0.00	27.06 0.87 0.00	26.44 0.86 0.00	26.32 1.10 0.00	29.60 1.36 0.00	36.32 1.81 0.00	29.58 1.33 -3.65	25.50 0.21 -21.37	21.42 0.11 -19.30	26.38 0.96 -7.78	30.22 0.10 -28.39	30.48 0.02 -30.19	35.49 0.62 -24.62	45.32 2.17 -5.52	45.55 2.50 -1.85	35.54 1.58 -8.17	22.03 0.97 -4.39	33.68 0.27 -29.02	28.38 0.72 -15.69	35.43 0.29 -30.01	26.91 1.31 -1.73
BRADY___115KV_TB2 356060	29.53 -0.06 0.00	27.00 -0.20 0.00	26.35 -0.10 0.00	25.36 -0.08 0.00	26.07 -0.12 0.00	25.66 0.08 0.00	25.23 0.01 0.00	28.51 0.27 0.00	34.66 0.15 0.00	25.11 0.36 -0.16	4.89 0.04 -0.93	2.83 -0.02 -0.84	17.97 -0.01 -0.34	2.99 0.01 -1.24	1.60 0.01 -1.31	11.36 0.04 -1.07	38.97 1.09 -0.24	41.33 0.05 -0.08	26.00 -0.14 -0.36	16.52 -0.33 -0.19	5.50 -0.14 -1.25	12.18 -0.46 -0.68	6.37 -0.05 -1.29	23.58 -0.36 -0.07
BRANSCOMB___SOLAR 323811	30.74 1.15 0.00	28.34 1.14 0.00	27.58 1.14 0.00	26.54 1.11 0.00	27.32 1.13 0.00	26.78 1.20 0.00	26.52 1.29 0.00	29.65 1.40 0.00	36.36 1.85 0.00	30.46 1.38 -4.48	30.34 0.22 -26.20	25.79 0.11 -23.67	28.14 0.96 -9.54	36.64 0.09 -34.81	37.31 0.02 -37.02	40.99 0.56 -30.18	46.52 2.12 -6.76	45.63 2.17 -2.27	37.13 1.32 -10.02	22.92 0.88 -5.38	40.18 0.23 -35.56	31.81 0.62 -19.22	42.16 0.27 -36.76	27.24 1.25 -2.12
BRENTWOD_69_KV_W. BRTWOOD 56703	31.62 2.03 0.00	28.97 1.77 0.00	27.96 1.52 0.00	27.00 1.56 0.00	27.77 1.58 0.00	27.21 1.63 0.00	27.07 1.84 0.00	30.46 2.21 0.00	37.61 3.10 0.00	30.55 2.30 -3.66	26.40 0.36 -22.12	21.48 0.17 -19.31	26.97 1.54 -7.78	30.28 0.14 -28.40	30.50 0.03 -30.20	36.22 0.97 -24.99	80.87 2.94 -40.29	56.03 3.02 -11.81	48.79 2.44 -20.56	32.32 1.51 -14.15	53.24 0.40 -48.45	61.11 1.09 -48.04	47.23 0.47 -41.63	27.82 2.22 -1.73
BRISTLHL_115KV_TB1 79998	29.27 -0.32 0.00	26.90 -0.30 0.00	26.14 -0.30 0.00	25.14 -0.30 0.00	25.90 -0.30 0.00	25.25 -0.32 0.00	24.85 -0.37 0.00	27.78 -0.47 0.00	33.88 -0.63 0.00	24.76 -0.49 -0.65	7.66 -0.08 -3.81	5.42 -0.03 -3.44	18.71 -0.32 -1.39	6.77 -0.03 -5.06	5.65 -0.01 -5.38	14.44 -0.20 -4.39	37.84 -0.78 -0.98	40.77 -0.77 -0.33	26.77 -0.47 -1.45	17.15 -0.28 -0.77	9.44 -0.07 -5.12	14.56 -0.18 -2.77	10.34 -0.08 -5.29	23.84 -0.34 -0.30
BROOKHAVEN___DRP 24191	31.45 1.86 0.00	28.83 1.63 0.00	27.83 1.38 0.00	26.86 1.42 0.00	27.63 1.44 0.00	27.08 1.51 0.00	26.97 1.74 0.00	30.34 2.10 0.00	37.54 3.03 0.00	30.47 2.20 -3.67	33.14 0.36 -28.86	21.47 0.16 -19.31	26.87 1.45 -7.78	30.27 0.13 -28.40	30.50 0.03 -30.20	39.55 0.97 -28.33	395.20 3.15 -354.41	146.22 3.27 -101.75	160.51 2.27 -132.45	120.38 1.43 -102.29	228.63 0.38 -223.86	353.25 1.07 -340.21	152.12 0.46 -146.53	27.75 2.15 -1.73

BROOKLYN_NAVY_YARD 23515	30.85 1.26 0.00	28.28 1.09 0.00	27.47 1.02 0.00	26.44 1.01 0.00	27.19 0.99 0.00	26.57 0.99 0.00	26.35 1.13 0.00	29.67 1.43 0.00	36.39 1.88 0.00	29.64 1.39 -3.66	25.51 0.22 -21.37	21.42 0.11 -19.30	26.44 1.01 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.53 0.66 -24.62	45.46 2.31 -5.52	45.72 2.67 -1.85	35.67 1.70 -8.17	22.10 1.05 -4.39	33.71 0.29 -29.03	28.44 0.77 -15.69	35.46 0.32 -30.01	27.03 1.44 -1.73
BROOKLYN___ARMY_DRP 323595	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
BROOKVLE_69_KV_TB1 55790	31.27 1.68 0.00	28.69 1.49 0.00	27.64 1.20 0.00	26.65 1.21 0.00	27.42 1.23 0.00	26.82 1.24 0.00	26.65 1.42 0.00	29.99 1.74 0.00	36.94 2.43 0.00	30.05 1.80 -3.66	25.59 0.29 -21.37	21.45 0.14 -19.31	26.69 1.26 -7.78	30.26 0.12 -28.40	30.50 0.02 -30.20	35.69 0.81 -24.62	45.91 2.76 -5.52	46.06 3.01 -1.85	35.96 1.99 -8.17	22.30 1.24 -4.39	33.76 0.33 -29.03	28.59 0.92 -15.70	35.54 0.39 -30.02	27.35 1.75 -1.73
BROOME_2_LFGE 323671	30.01 0.42 0.00	27.55 0.35 0.00	26.78 0.34 0.00	25.72 0.28 0.00	26.50 0.31 0.00	25.85 0.27 0.00	25.48 0.25 0.00	28.56 0.32 0.00	34.90 0.38 0.00	26.34 0.16 -1.57	13.14 0.02 -9.20	10.33 0.01 -8.31	21.15 0.16 -3.35	13.98 0.01 -12.23	13.27 0.00 -13.00	20.92 0.07 -10.60	40.22 0.20 -2.38	42.39 0.39 -0.80	29.56 0.25 -3.52	18.72 0.17 -1.89	16.90 0.06 -12.45	18.86 0.15 -6.73	18.06 0.05 -12.88	24.90 0.29 -0.74
BROOME___LFGE 323600	30.01 0.42 0.00	27.55 0.35 0.00	26.78 0.34 0.00	25.72 0.28 0.00	26.50 0.31 0.00	25.85 0.27 0.00	25.48 0.25 0.00	28.56 0.32 0.00	34.90 0.38 0.00	26.34 0.16 -1.57	13.14 0.02 -9.20	10.33 0.01 -8.31	21.15 0.16 -3.35	13.98 0.01 -12.23	13.27 0.00 -13.00	20.92 0.07 -10.60	40.22 0.20 -2.38	42.39 0.39 -0.80	29.56 0.25 -3.52	18.72 0.17 -1.89	16.90 0.06 -12.45	18.86 0.15 -6.73	18.06 0.05 -12.88	24.90 0.29 -0.74
BROWNFLS_115KV_TB_3_5 80003	29.18 -0.41 0.00	26.62 -0.58 0.00	25.97 -0.48 0.00	25.06 -0.37 0.00	25.87 -0.32 0.00	25.37 -0.20 0.00	25.02 -0.20 0.00	28.26 0.02 0.00	34.34 -0.17 0.00	24.77 -0.08 -0.25	5.33 -0.04 -1.45	3.26 -0.05 -1.31	17.80 -0.37 -0.53	3.64 -0.02 -1.93	2.32 0.00 -2.05	11.83 -0.09 -1.67	38.45 0.44 -0.37	41.11 -0.22 -0.12	25.94 -0.41 -0.55	16.52 -0.43 -0.29	6.18 -0.16 -1.95	12.46 -0.56 -1.05	6.95 -0.19 -2.01	23.07 -0.91 -0.12
BROWNSV1_27_KV_LOAD 356125	31.16 1.56 0.00	28.56 1.36 0.00	27.73 1.29 0.00	26.67 1.24 0.00	27.42 1.23 0.00	26.80 1.23 0.00	26.63 1.40 0.00	29.98 1.73 0.00	36.77 2.26 0.00	29.92 1.67 -3.66	25.56 0.26 -21.37	21.45 0.14 -19.30	26.65 1.22 -7.78	30.25 0.12 -28.39	30.49 0.02 -30.20	35.64 0.77 -24.62	45.92 2.77 -5.52	46.23 3.18 -1.85	36.00 2.04 -8.17	22.31 1.25 -4.39	33.76 0.34 -29.03	28.59 0.92 -15.69	35.53 0.38 -30.01	27.29 1.69 -1.73
BURROWS___LYONSDAL 23803	29.75 0.16 0.00	27.19 -0.01 0.00	26.47 0.02 0.00	25.54 0.11 0.00	26.41 0.21 0.00	25.82 0.24 0.00	25.51 0.29 0.00	28.73 0.48 0.00	34.95 0.43 0.00	25.06 0.19 -0.27	5.52 0.00 -1.59	3.43 -0.01 -1.44	18.13 -0.09 -0.58	3.85 0.00 -2.12	2.53 0.00 -2.25	12.17 0.08 -1.84	38.81 0.76 -0.41	42.00 0.66 -0.14	26.58 0.18 -0.61	17.03 0.04 -0.32	6.52 -0.01 -2.14	12.99 -0.15 -1.16	7.26 -0.09 -2.22	23.62 -0.38 -0.13
CAITHNESS_CC_1 323624	31.38 1.79 0.00	28.76 1.56 0.00	27.76 1.32 0.00	26.79 1.36 0.00	27.57 1.38 0.00	27.01 1.44 0.00	26.90 1.68 0.00	30.26 2.02 0.00	37.44 2.93 0.00	30.39 2.13 -3.67	33.15 0.36 -28.87	21.47 0.16 -19.31	26.83 1.41 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	39.57 0.99 -28.33	395.48 3.04 -354.80	146.21 3.15 -101.86	160.59 2.21 -132.59	120.46 1.40 -102.40	228.84 0.37 -224.08	353.61 1.06 -340.58	152.25 0.45 -146.66	27.68 2.08 -1.73
CALPINE BETH_PAGE_GT4 24209	31.18 1.59 0.00	28.62 1.42 0.00	27.62 1.17 0.00	26.67 1.23 0.00	27.44 1.25 0.00	26.87 1.29 0.00	26.71 1.48 0.00	30.05 1.81 0.00	37.11 2.59 0.00	30.18 1.92 -3.66	25.61 0.32 -21.37	21.46 0.14 -19.31	26.74 1.31 -7.78	30.26 0.12 -28.40	30.50 0.03 -30.20	35.72 0.85 -24.62	45.90 2.75 -5.52	45.84 2.79 -1.85	35.89 1.93 -8.17	22.25 1.20 -4.39	33.75 0.32 -29.03	28.61 0.94 -15.70	35.55 0.41 -30.02	27.46 1.86 -1.73
CALPINE_BETH_PAGE_GT_4 323586	31.18 1.59 0.00	28.61 1.42 0.00	27.62 1.17 0.00	26.67 1.23 0.00	27.44 1.25 0.00	26.87 1.29 0.00	26.71 1.48 0.00	30.05 1.81 0.00	37.10 2.60 0.00	30.18 1.92 -3.66	25.62 0.32 -21.37	21.46 0.14 -19.31	26.74 1.31 -7.78	30.26 0.12 -28.40	30.50 0.03 -30.20	35.74 0.87 -24.62	45.89 2.73 -5.52	45.84 2.79 -1.85	35.89 1.93 -8.17	22.26 1.20 -4.39	33.74 0.32 -29.03	28.61 0.94 -15.70	35.56 0.41 -30.02	27.46 1.86 -1.73
CALPINE_BP_GT1 23823	31.18 1.59 0.00	28.61 1.42 0.00	27.62 1.17 0.00	26.67 1.23 0.00	27.44 1.25 0.00	26.87 1.29 0.00	26.71 1.48 0.00	30.05 1.81 0.00	37.10 2.60 0.00	30.18 1.92 -3.66	25.62 0.32 -21.37	21.46 0.14 -19.31	26.74 1.31 -7.78	30.26 0.12 -28.40	30.50 0.03 -30.20	35.74 0.87 -24.62	45.89 2.73 -5.52	45.84 2.79 -1.85	35.89 1.93 -8.17	22.26 1.20 -4.39	33.74 0.32 -29.03	28.61 0.94 -15.70	35.56 0.41 -30.02	27.46 1.86 -1.73
CALSPAN___DRP 24200	29.90 0.31 0.00	27.69 0.49 0.00	26.85 0.40 0.00	25.75 0.32 0.00	26.48 0.29 0.00	25.77 0.19 0.00	25.05 -0.18 0.00	28.09 -0.15 0.00	34.14 -0.37 0.00	25.12 -0.46 -0.98	9.54 -0.09 -5.71	7.14 -0.03 -5.16	19.39 -0.33 -2.08	9.27 -0.05 -7.58	8.32 -0.02 -8.07	16.33 -0.50 -6.58	37.46 -1.65 -1.47	40.09 -1.60 -0.49	26.65 -1.26 -2.11	16.79 -0.94 -1.07	11.24 -0.23 -7.08	15.19 -0.61 -3.83	12.16 -0.30 -7.33	23.34 -0.96 -0.42
CALVERTON___SOLAR 323806	31.54 1.95 0.00	28.91 1.71 0.00	27.90 1.46 0.00	26.93 1.50 0.00	27.71 1.52 0.00	27.16 1.58 0.00	27.04 1.82 0.00	30.43 2.19 0.00	37.67 3.16 0.00	30.55 2.29 -3.67	33.17 0.39 -28.86	21.48 0.17 -19.31	26.92 1.49 -7.78	30.27 0.14 -28.40	30.51 0.03 -30.20	39.63 1.05 -28.33	395.39 3.27 -354.48	146.39 3.42 -101.77	160.62 2.36 -132.47	120.47 1.50 -102.31	228.69 0.39 -223.90	353.39 1.14 -340.28	152.17 0.48 -146.55	27.84 2.24 -1.73
CANDIGU_WT_PWR 323617	29.56 -0.03 0.00	27.24 0.05 0.00	26.41 -0.04 0.00	25.44 0.01 0.00	26.27 0.08 0.00	25.65 0.07 0.00	25.18 -0.04 0.00	28.32 0.08 0.00	34.55 0.03 0.00	25.57 -0.22 -1.19	10.83 -0.06 -6.98	8.29 -0.02 -6.31	20.03 -0.16 -2.54	11.00 -0.02 -9.28	10.13 -0.01 -9.86	18.02 -0.27 -8.04	38.42 -1.03 -1.80	40.83 -0.97 -0.60	27.37 -0.98 -2.55	17.00 -0.93 -1.27	12.53 -0.22 -8.37	15.95 -0.55 -4.52	13.49 -0.29 -8.65	23.49 -0.88 -0.50

CARR STREET_E__SYR 24060	29.49 -0.10 0.00	27.11 -0.09 0.00	26.34 -0.11 0.00	25.32 -0.11 0.00	26.09 -0.11 0.00	25.45 -0.12 0.00	25.04 -0.19 0.00	28.00 -0.24 0.00	34.14 -0.37 0.00	24.99 -0.31 -0.70	7.96 -0.05 -4.09	5.68 -0.02 -3.70	18.95 -0.19 -1.49	7.16 -0.02 -5.44	6.05 0.00 -5.78	14.82 -0.14 -4.71	38.04 -0.66 -1.06	40.83 -0.73 -0.35	26.90 -0.45 -1.56	17.28 -0.21 -0.83	9.84 -0.05 -5.50	14.85 -0.10 -2.97	10.78 -0.05 -5.69	24.02 -0.18 -0.33
CARTHAGE__PAPER 23857	29.63 0.04 0.00	26.99 -0.21 0.00	26.31 -0.14 0.00	25.47 0.03 0.00	26.36 0.17 0.00	25.76 0.18 0.00	25.47 0.25 0.00	28.77 0.53 0.00	34.81 0.30 0.00	24.94 -0.07 -0.41	6.29 -0.05 -2.42	4.14 -0.05 -2.19	18.13 -0.40 -0.88	4.92 -0.03 -3.21	3.69 0.00 -3.42	13.02 -0.01 -2.79	39.05 0.79 -0.62	42.02 0.61 -0.21	26.70 -0.01 -0.92	17.05 -0.10 -0.49	7.59 -0.05 -3.25	13.40 -0.33 -1.76	8.32 -0.17 -3.36	23.30 -0.76 -0.19
CASSADAGA_WT_PWR 323784	30.49 0.90 0.00	28.13 0.94 0.00	27.43 0.98 0.00	26.25 0.81 0.00	27.01 0.82 0.00	26.40 0.82 0.00	25.72 0.49 0.00	28.87 0.63 0.00	35.28 0.77 0.00	25.93 0.33 -1.01	9.81 0.02 -5.88	7.35 0.03 -5.31	19.97 0.19 -2.14	9.54 0.00 -7.81	8.57 -0.01 -8.30	16.71 -0.31 -6.77	37.98 -1.18 -1.52	40.80 -0.91 -0.51	26.99 -0.97 -2.17	16.92 -0.84 -1.10	11.46 -0.18 -7.25	15.45 -0.44 -3.92	12.37 -0.26 -7.49	23.44 -0.86 -0.43
CE_DUNWOOD__DRP 24194	30.80 1.21 0.00	28.25 1.06 0.00	27.45 1.00 0.00	26.40 0.96 0.00	27.14 0.95 0.00	26.52 0.95 0.00	26.34 1.11 0.00	29.61 1.37 0.00	36.35 1.84 0.00	29.59 1.34 -3.65	25.48 0.21 -21.35	21.40 0.11 -19.29	26.40 0.98 -7.78	30.20 0.10 -28.36	30.45 0.02 -30.16	35.46 0.62 -24.59	45.36 2.21 -5.51	45.58 2.53 -1.85	35.56 1.60 -8.17	22.04 0.99 -4.39	33.66 0.27 -28.99	28.38 0.73 -15.68	35.41 0.30 -29.98	26.93 1.33 -1.73
CE_MILLWOOD__DRP 24193	30.75 1.16 0.00	28.21 1.01 0.00	27.41 0.97 0.00	26.36 0.92 0.00	27.10 0.91 0.00	26.49 0.91 0.00	26.30 1.08 0.00	29.57 1.33 0.00	36.28 1.77 0.00	29.54 1.30 -3.64	25.38 0.21 -21.26	21.32 0.10 -19.20	26.33 0.94 -7.74	30.08 0.09 -28.24	30.33 0.02 -30.04	35.35 0.61 -24.49	45.26 2.14 -5.49	45.50 2.45 -1.84	35.47 1.55 -8.13	21.98 0.95 -4.37	33.53 0.26 -28.88	28.29 0.71 -15.61	35.28 0.29 -29.85	26.88 1.29 -1.72
CE_NYC2_DRP 24202	30.93 1.34 0.00	28.35 1.15 0.00	27.54 1.09 0.00	26.51 1.07 0.00	27.28 1.08 0.00	26.66 1.08 0.00	26.50 1.27 0.00	29.84 1.60 0.00	36.59 2.08 0.00	29.79 1.54 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.52 1.09 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.64 2.49 -5.52	45.89 2.84 -1.85	35.79 1.82 -8.17	22.18 1.12 -4.39	33.73 0.31 -29.03	28.49 0.82 -15.69	35.49 0.34 -30.01	27.08 1.48 -1.73
CE_NYC_DRP 24195	30.92 1.33 0.00	28.35 1.15 0.00	27.54 1.10 0.00	26.49 1.06 0.00	27.24 1.04 0.00	26.62 1.04 0.00	26.45 1.22 0.00	29.77 1.53 0.00	36.51 2.00 0.00	29.72 1.47 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.30	26.49 1.07 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.56 0.69 -24.62	45.59 2.43 -5.52	45.84 2.79 -1.85	35.75 1.79 -8.17	22.15 1.10 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.69	35.48 0.33 -30.01	27.09 1.50 -1.73
CHAFFEE__LFGE 323603	29.87 0.27 0.00	27.64 0.44 0.00	26.79 0.35 0.00	25.70 0.27 0.00	26.43 0.24 0.00	25.75 0.17 0.00	25.03 -0.20 0.00	28.06 -0.18 0.00	34.11 -0.40 0.00	25.11 -0.48 -0.99	9.63 -0.09 -5.80	7.22 -0.03 -5.24	19.41 -0.35 -2.11	9.39 -0.05 -7.70	8.45 -0.02 -8.19	16.44 -0.48 -6.68	37.55 -1.59 -1.50	40.18 -1.53 -0.50	26.74 -1.20 -2.14	16.84 -0.91 -1.09	11.34 -0.22 -7.17	15.25 -0.60 -3.88	12.25 -0.29 -7.41	23.35 -0.94 -0.43
CHATEAUG_35_KV_LOAD 355732	29.23 -0.36 0.00	26.85 -0.35 0.00	26.28 -0.16 0.00	25.33 -0.10 0.00	26.01 -0.18 0.00	25.63 0.05 0.00	25.14 -0.09 0.00	28.38 0.14 0.00	34.69 0.18 0.00	25.23 0.49 -0.14	4.81 0.06 -0.83	2.71 -0.05 -0.75	17.73 -0.22 -0.30	2.85 0.00 -1.10	1.46 0.01 -1.17	11.17 -0.03 -0.96	38.73 0.88 -0.21	41.16 -0.11 -0.07	25.74 -0.37 -0.32	16.34 -0.49 -0.17	5.32 -0.19 -1.11	11.99 -0.59 -0.60	6.17 -0.11 -1.15	23.30 -0.64 -0.07
CHATEAUG_WT_PWR 323614	29.21 -0.38 0.00	26.85 -0.35 0.00	26.30 -0.14 0.00	25.35 -0.08 0.00	26.03 -0.16 0.00	25.65 0.07 0.00	25.15 -0.07 0.00	28.39 0.14 0.00	34.71 0.20 0.00	25.22 0.48 -0.14	4.78 0.06 -0.80	2.69 -0.05 -0.73	17.68 -0.25 -0.29	2.81 0.00 -1.07	1.42 0.01 -1.13	11.13 -0.05 -0.93	38.68 0.83 -0.21	41.14 -0.13 -0.07	25.71 -0.39 -0.31	16.31 -0.51 -0.16	5.28 -0.19 -1.08	11.96 -0.59 -0.58	6.12 -0.13 -1.12	23.25 -0.69 -0.06
CHAT_HIGH_FALL_HYD 323578	29.23 -0.36 0.00	26.85 -0.35 0.00	26.28 -0.16 0.00	25.33 -0.10 0.00	26.01 -0.18 0.00	25.63 0.05 0.00	25.14 -0.09 0.00	28.38 0.14 0.00	34.69 0.18 0.00	25.23 0.49 -0.14	4.81 0.06 -0.83	2.71 -0.05 -0.75	17.73 -0.21 -0.30	2.85 0.01 -1.10	1.46 0.01 -1.17	11.17 -0.03 -0.96	38.73 0.87 -0.21	41.16 -0.11 -0.07	25.74 -0.37 -0.32	16.34 -0.49 -0.17	5.32 -0.19 -1.11	11.99 -0.59 -0.60	6.17 -0.11 -1.15	23.29 -0.64 -0.07
CHAUTAUQUA__LFGE 323629	30.17 0.58 0.00	27.86 0.67 0.00	27.09 0.64 0.00	25.93 0.50 0.00	26.69 0.50 0.00	26.04 0.46 0.00	25.34 0.11 0.00	28.43 0.18 0.00	34.66 0.15 0.00	25.48 -0.12 -1.00	9.71 -0.04 -5.83	7.27 0.00 -5.27	19.68 -0.09 -2.12	9.46 -0.03 -7.75	8.50 -0.01 -8.24	16.59 -0.38 -6.72	37.76 -1.39 -1.50	40.49 -1.21 -0.51	26.86 -1.09 -2.16	16.91 -0.84 -1.09	11.41 -0.19 -7.21	15.39 -0.48 -3.90	12.33 -0.26 -7.45	23.52 -0.78 -0.43
CHERRYST_13_KV_LD 356241	30.99 1.40 0.00	28.42 1.22 0.00	27.61 1.16 0.00	26.56 1.12 0.00	27.31 1.11 0.00	26.68 1.11 0.00	26.51 1.29 0.00	29.85 1.61 0.00	36.61 2.10 0.00	29.80 1.55 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.30	26.54 1.12 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.58 0.71 -24.62	45.70 2.55 -5.52	45.96 2.91 -1.85	35.83 1.86 -8.17	22.20 1.15 -4.39	33.73 0.31 -29.03	28.51 0.84 -15.69	35.49 0.35 -30.01	27.15 1.56 -1.73
CHESTROR_138KV_BK263 355645	30.62 1.03 0.00	28.11 0.91 0.00	27.31 0.87 0.00	26.26 0.82 0.00	27.02 0.82 0.00	26.40 0.82 0.00	26.13 0.91 0.00	29.35 1.11 0.00	36.01 1.50 0.00	29.02 1.06 -3.36	23.71 0.16 -19.63	19.83 0.08 -17.74	25.54 0.74 -7.15	27.89 0.07 -26.08	28.03 0.01 -27.74	33.36 0.50 -22.62	44.47 1.77 -5.07	44.97 2.07 -1.70	34.58 1.28 -7.51	21.46 0.76 -4.04	31.28 0.21 -26.67	26.95 0.55 -14.42	32.93 0.22 -27.58	26.47 1.01 -1.59
CH_MIDHUDSON__DRP 24192	30.70 1.11 0.00	28.18 0.99 0.00	27.40 0.95 0.00	26.34 0.90 0.00	27.09 0.90 0.00	26.50 0.92 0.00	26.29 1.06 0.00	29.55 1.30 0.00	36.25 1.74 0.00	29.58 1.28 -3.71	25.82 0.20 -21.70	21.71 0.10 -19.60	26.46 0.91 -7.90	30.66 0.09 -28.83	30.95 0.02 -30.66	35.82 0.58 -25.00	45.33 2.09 -5.60	45.48 2.40 -1.88	35.60 1.51 -8.30	22.05 0.93 -4.46	34.11 0.25 -29.47	28.59 0.68 -15.93	35.88 0.27 -30.47	26.85 1.22 -1.75

CH_MISC_IPPS 23765	30.89 1.30 0.00	28.35 1.15 0.00	27.55 1.11 0.00	26.49 1.06 0.00	27.25 1.06 0.00	26.65 1.07 0.00	26.43 1.21 0.00	29.71 1.47 0.00	36.47 1.96 0.00	29.66 1.42 -3.64	25.44 0.22 -21.29	21.35 0.11 -19.24	26.38 0.99 -7.76	30.13 0.10 -28.29	30.38 0.02 -30.09	35.43 0.65 -24.53	45.47 2.33 -5.50	45.74 2.69 -1.84	35.62 1.68 -8.14	22.07 1.03 -4.38	33.59 0.28 -28.92	28.36 0.74 -15.64	35.34 0.31 -29.90	26.95 1.36 -1.72
CH_RES_BVR_FALLS 23983	29.16 -0.43 0.00	26.73 -0.47 0.00	26.03 -0.41 0.00	25.05 -0.39 0.00	25.83 -0.36 0.00	25.32 -0.26 0.00	24.93 -0.30 0.00	28.04 -0.20 0.00	34.21 -0.30 0.00	24.64 -0.06 -0.09	4.45 -0.02 -0.55	2.47 -0.03 -0.50	17.65 -0.19 -0.20	2.46 -0.01 -0.73	1.05 0.00 -0.78	10.77 -0.11 -0.63	37.81 0.03 -0.14	40.65 -0.60 -0.05	25.47 -0.53 -0.21	16.29 -0.48 -0.11	4.98 -0.15 -0.74	11.93 -0.44 -0.40	5.78 -0.12 -0.77	23.29 -0.63 -0.04
CH_RES_NIAGARA 23895	29.01 -0.58 0.00	26.93 -0.27 0.00	26.10 -0.35 0.00	25.05 -0.39 0.00	25.72 -0.47 0.00	25.02 -0.56 0.00	24.21 -1.02 0.00	27.09 -1.15 0.00	32.85 -1.66 0.00	24.23 -1.30 -0.94	9.20 -0.19 -5.47	6.86 -0.09 -4.94	18.70 -0.94 -2.00	8.90 -0.11 -7.27	7.97 -0.03 -7.74	15.68 -0.87 -6.31	36.10 -2.95 -1.41	38.54 -3.13 -0.47	25.71 -2.11 -2.03	16.24 -1.46 -1.04	10.86 -0.38 -6.85	14.68 -1.00 -3.71	11.77 -0.44 -7.08	22.64 -1.64 -0.41
CH_RES_SYRACUSE 23985	29.66 0.08 0.00	27.25 0.05 0.00	26.49 0.04 0.00	25.46 0.03 0.00	26.25 0.06 0.00	25.61 0.03 0.00	25.21 -0.01 0.00	28.18 -0.07 0.00	34.35 -0.16 0.00	25.17 -0.17 -0.74	8.23 -0.03 -4.34	5.92 -0.01 -3.92	19.13 -0.09 -1.58	7.50 -0.01 -5.77	6.41 0.00 -6.14	15.19 -0.06 -5.00	38.49 -0.27 -1.12	41.35 -0.23 -0.38	27.31 -0.14 -1.65	17.48 -0.06 -0.88	10.19 -0.01 -5.81	15.10 -0.02 -3.14	11.12 -0.01 -6.01	24.18 -0.03 -0.35
CLINTON_WT_PWR 323605	29.21 -0.38 0.00	26.85 -0.35 0.00	26.30 -0.14 0.00	25.35 -0.08 0.00	26.03 -0.16 0.00	25.65 0.07 0.00	25.15 -0.07 0.00	28.39 0.14 0.00	34.71 0.20 0.00	25.22 0.48 -0.14	4.78 0.06 -0.80	2.69 -0.05 -0.73	17.68 -0.25 -0.29	2.81 0.00 -1.07	1.42 0.01 -1.13	11.13 -0.05 -0.93	38.68 0.83 -0.21	41.14 -0.13 -0.07	25.71 -0.39 -0.31	16.31 -0.51 -0.16	5.28 -0.19 -1.08	11.96 -0.59 -0.58	6.12 -0.13 -1.12	23.25 -0.69 -0.06
CLINTON__LFGE 323618	29.60 0.01 0.00	27.22 0.02 0.00	26.65 0.20 0.00	25.70 0.26 0.00	26.40 0.21 0.00	26.04 0.46 0.00	25.54 0.32 0.00	28.80 0.56 0.00	35.30 0.79 0.00	25.65 0.91 -0.14	4.85 0.12 -0.81	2.72 -0.02 -0.73	17.92 -0.02 -0.30	2.84 0.02 -1.08	1.44 0.02 -1.14	11.29 0.10 -0.93	39.34 1.50 -0.21	41.97 0.70 -0.07	26.23 0.13 -0.31	16.65 -0.18 -0.16	5.37 -0.11 -1.09	12.19 -0.38 -0.59	6.21 -0.04 -1.13	23.65 -0.29 -0.06
COBBLENY_34_KV_TB1 80064	29.87 0.27 0.00	27.64 0.45 0.00	26.79 0.35 0.00	25.70 0.27 0.00	26.43 0.24 0.00	25.73 0.15 0.00	25.03 -0.20 0.00	28.06 -0.18 0.00	34.11 -0.40 0.00	25.11 -0.48 -0.99	9.63 -0.09 -5.80	7.22 -0.03 -5.24	19.41 -0.35 -2.11	9.39 -0.05 -7.70	8.45 -0.02 -8.19	16.44 -0.48 -6.68	37.54 -1.60 -1.50	40.17 -1.53 -0.50	26.73 -1.21 -2.14	16.84 -0.91 -1.09	11.34 -0.22 -7.17	15.25 -0.60 -3.88	12.25 -0.29 -7.41	23.36 -0.94 -0.43
COFFEEN__115KV_TB3 355620	29.75 0.16 0.00	27.11 -0.09 0.00	26.42 -0.02 0.00	25.60 0.17 0.00	26.50 0.31 0.00	25.84 0.27 0.00	25.56 0.33 0.00	28.83 0.59 0.00	34.78 0.27 0.00	24.81 -0.27 -0.49	6.69 -0.08 -2.85	4.52 -0.07 -2.57	18.15 -0.53 -1.04	5.48 -0.05 -3.79	4.29 -0.01 -4.03	13.47 -0.07 -3.28	39.06 0.69 -0.73	42.20 0.75 -0.25	26.92 0.05 -1.09	17.22 -0.02 -0.58	8.20 -0.02 -3.83	13.79 -0.25 -2.07	8.93 -0.16 -3.96	23.43 -0.66 -0.23
COLDSPRG_115KV_BK1 355956	31.05 1.46 0.00	28.63 1.43 0.00	27.83 1.38 0.00	26.65 1.22 0.00	27.45 1.26 0.00	26.77 1.19 0.00	26.17 0.94 0.00	29.43 1.19 0.00	35.90 1.39 0.00	26.35 0.73 -1.02	9.95 0.08 -5.95	7.44 0.06 -5.37	20.29 0.48 -2.17	9.67 0.03 -7.90	8.67 0.00 -8.40	17.07 -0.03 -6.85	39.16 -0.02 -1.53	42.07 0.36 -0.51	27.82 -0.17 -2.20	17.51 -0.26 -1.11	11.66 -0.04 -7.31	15.84 -0.09 -3.96	12.60 -0.09 -7.56	24.26 -0.04 -0.43
COLONIE_LFGE__ 323577	30.28 0.69 0.00	27.89 0.69 0.00	27.16 0.72 0.00	26.14 0.71 0.00	26.90 0.71 0.00	26.33 0.75 0.00	26.04 0.82 0.00	29.12 0.87 0.00	35.69 1.18 0.00	29.93 0.91 -4.43	29.96 0.15 -25.89	25.47 0.08 -23.39	27.75 0.67 -9.43	36.20 0.07 -34.40	36.87 0.01 -36.58	40.47 0.39 -29.83	45.81 1.49 -6.68	44.93 1.49 -2.24	36.62 0.93 -9.90	22.62 0.63 -5.32	39.69 0.16 -35.14	31.41 0.44 -19.00	41.64 0.18 -36.33	26.78 0.82 -2.09
COOPERNY_115KV_TB1 80082	30.44 0.85 0.00	27.94 0.74 0.00	27.16 0.71 0.00	26.10 0.67 0.00	26.86 0.67 0.00	26.23 0.65 0.00	25.95 0.73 0.00	29.13 0.89 0.00	35.70 1.19 0.00	28.27 0.83 -2.84	20.63 0.13 -16.59	17.06 0.06 -14.99	24.27 0.59 -6.04	23.84 0.06 -22.04	23.72 0.01 -23.44	29.75 0.39 -19.11	43.29 1.37 -4.28	44.25 1.61 -1.44	33.15 1.01 -6.35	20.67 0.59 -3.42	27.11 0.16 -22.56	24.59 0.42 -12.20	28.63 0.17 -23.32	25.98 0.77 -1.34
COPENHAGEN_WT_PWR 323753	29.44 -0.15 0.00	26.80 -0.40 0.00	26.12 -0.32 0.00	25.36 -0.07 0.00	26.27 0.08 0.00	25.59 0.01 0.00	25.30 0.07 0.00	28.54 0.30 0.00	34.48 -0.03 0.00	24.72 -0.37 -0.50	6.73 -0.09 -2.91	4.56 -0.07 -2.63	18.13 -0.58 -1.06	5.55 -0.05 -3.87	4.38 -0.01 -4.12	13.47 -0.14 -3.36	38.64 0.25 -0.75	41.60 0.14 -0.25	26.51 -0.39 -1.11	16.97 -0.29 -0.59	8.22 -0.08 -3.91	13.64 -0.45 -2.11	8.93 -0.25 -4.05	23.08 -1.03 -0.23
CORNELL____ 23752	30.36 0.77 0.00	27.86 0.66 0.00	27.07 0.63 0.00	26.03 0.59 0.00	26.83 0.64 0.00	26.19 0.61 0.00	25.84 0.62 0.00	28.95 0.71 0.00	35.27 0.76 0.00	26.15 0.38 -1.18	10.87 0.05 -6.91	8.27 0.03 -6.24	20.43 0.27 -2.52	10.94 0.02 -9.18	10.03 0.00 -9.76	18.37 0.17 -7.96	40.17 0.75 -1.78	42.86 1.06 -0.60	29.07 0.67 -2.62	18.47 0.42 -1.39	13.66 0.11 -9.16	17.24 0.31 -4.95	14.71 0.12 -9.47	24.96 0.55 -0.54
CORONAAV_69_KV_TB1 355595	31.23 1.64 0.00	28.66 1.46 0.00	27.65 1.20 0.00	26.72 1.28 0.00	27.49 1.30 0.00	26.90 1.32 0.00	26.73 1.50 0.00	30.07 1.83 0.00	37.08 2.57 0.00	30.15 1.90 -3.66	25.61 0.31 -21.37	21.46 0.14 -19.31	26.77 1.34 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	35.73 0.85 -24.62	45.94 2.79 -5.52	46.07 3.02 -1.85	35.99 2.02 -8.17	22.32 1.26 -4.39	33.76 0.34 -29.03	28.64 0.97 -15.70	35.56 0.41 -30.02	27.46 1.86 -1.73
CORTLAND_115KV_TB3 80093	30.05 0.46 0.00	27.60 0.40 0.00	26.83 0.38 0.00	25.78 0.35 0.00	26.57 0.38 0.00	25.93 0.36 0.00	25.58 0.35 0.00	28.64 0.40 0.00	34.95 0.44 0.00	25.79 0.18 -1.02	9.87 0.02 -5.93	7.38 0.02 -5.36	19.95 0.14 -2.16	9.63 0.01 -7.88	8.66 0.00 -8.39	17.17 0.08 -6.84	39.54 0.37 -1.53	42.30 0.58 -0.51	28.44 0.38 -2.27	18.13 0.25 -1.22	12.51 0.07 -8.05	16.52 0.18 -4.36	13.52 0.07 -8.33	24.69 0.34 -0.48

COXSACKIE___GT 23611	31.46 1.87 0.00	28.95 1.75 0.00	28.17 1.72 0.00	27.09 1.66 0.00	27.91 1.72 0.00	27.45 1.87 0.00	27.17 1.95 0.00	30.42 2.18 0.00	37.33 2.82 0.00	30.51 1.75 -4.16	28.50 0.27 -24.31	24.07 0.10 -21.96	27.36 0.86 -8.85	34.12 0.08 -32.31	34.65 0.02 -34.36	39.05 0.79 -28.01	47.26 3.34 -6.28	47.22 3.91 -2.11	37.52 2.44 -9.30	23.29 1.63 -5.00	37.80 0.40 -33.01	30.90 1.08 -17.85	39.69 0.43 -34.13	27.79 1.96 -1.96
CPV_VALLEY___CC1 323721	30.53 0.94 0.00	28.03 0.83 0.00	27.24 0.79 0.00	26.19 0.76 0.00	26.94 0.75 0.00	26.31 0.74 0.00	26.06 0.84 0.00	29.27 1.02 0.00	35.89 1.38 0.00	28.76 0.99 -3.17	22.61 0.15 -18.54	18.83 0.08 -16.75	25.09 0.70 -6.75	26.44 0.07 -24.63	26.48 0.01 -26.19	32.07 0.46 -21.35	44.03 1.61 -4.78	44.69 1.89 -1.61	34.05 1.16 -7.09	21.15 0.67 -3.81	29.77 0.18 -25.19	26.06 0.46 -13.62	31.37 0.19 -26.05	26.21 0.84 -1.50
CPV_VALLEY___CC2 323722	30.53 0.94 0.00	28.03 0.83 0.00	27.24 0.79 0.00	26.19 0.76 0.00	26.94 0.75 0.00	26.31 0.74 0.00	26.06 0.84 0.00	29.27 1.02 0.00	35.89 1.38 0.00	28.76 0.99 -3.17	22.61 0.15 -18.54	18.83 0.08 -16.75	25.09 0.70 -6.75	26.44 0.07 -24.63	26.48 0.01 -26.19	32.07 0.46 -21.35	44.03 1.61 -4.78	44.69 1.89 -1.61	34.05 1.16 -7.09	21.15 0.67 -3.81	29.77 0.18 -25.19	26.06 0.46 -13.62	31.37 0.19 -26.05	26.21 0.84 -1.50
CRESCENT___HYD 24018	30.28 0.69 0.00	27.89 0.69 0.00	27.16 0.72 0.00	26.14 0.71 0.00	26.90 0.71 0.00	26.33 0.75 0.00	26.04 0.82 0.00	29.12 0.87 0.00	35.69 1.18 0.00	29.93 0.91 -4.43	29.96 0.15 -25.89	25.47 0.08 -23.39	27.75 0.67 -9.43	36.20 0.07 -34.40	36.87 0.01 -36.58	40.47 0.39 -29.83	45.81 1.49 -6.68	44.93 1.49 -2.24	36.62 0.93 -9.90	22.62 0.63 -5.32	39.69 0.16 -35.14	31.41 0.44 -19.00	41.64 0.18 -36.33	26.78 0.82 -2.09
CRICKET___VALLEY_CC1 323756	30.32 0.73 0.00	27.85 0.65 0.00	27.09 0.64 0.00	26.07 0.63 0.00	26.80 0.61 0.00	26.23 0.65 0.00	26.01 0.78 0.00	29.19 0.95 0.00	35.84 1.33 0.00	29.43 1.01 -3.82	26.40 0.16 -22.32	22.25 0.08 -20.16	26.55 0.78 -8.13	31.47 0.08 -29.65	31.82 0.01 -31.54	36.43 0.47 -25.71	45.10 1.71 -5.76	45.08 1.95 -1.93	35.52 1.19 -8.53	21.98 0.73 -4.59	34.90 0.20 -30.31	28.90 0.54 -16.39	36.68 0.22 -31.34	26.61 0.93 -1.80
CRICKET___VALLEY_CC2 323757	30.32 0.73 0.00	27.85 0.65 0.00	27.09 0.64 0.00	26.07 0.63 0.00	26.80 0.61 0.00	26.23 0.65 0.00	26.01 0.78 0.00	29.19 0.95 0.00	35.84 1.33 0.00	29.43 1.01 -3.82	26.40 0.16 -22.32	22.25 0.08 -20.16	26.55 0.78 -8.13	31.47 0.08 -29.65	31.82 0.01 -31.54	36.43 0.47 -25.71	45.10 1.71 -5.76	45.08 1.95 -1.93	35.52 1.19 -8.53	21.98 0.73 -4.59	34.90 0.20 -30.31	28.90 0.54 -16.39	36.68 0.22 -31.34	26.61 0.93 -1.80
CRICKET___VALLEY_CC3 323758	30.32 0.73 0.00	27.85 0.65 0.00	27.09 0.64 0.00	26.07 0.63 0.00	26.80 0.61 0.00	26.23 0.65 0.00	26.01 0.78 0.00	29.19 0.95 0.00	35.84 1.33 0.00	29.43 1.01 -3.82	26.40 0.16 -22.32	22.25 0.08 -20.16	26.55 0.78 -8.13	31.47 0.08 -29.65	31.82 0.01 -31.54	36.43 0.47 -25.71	45.10 1.71 -5.76	45.08 1.95 -1.93	35.52 1.19 -8.53	21.98 0.73 -4.59	34.90 0.20 -30.31	28.90 0.54 -16.39	36.68 0.22 -31.34	26.61 0.93 -1.80
CRUCIBLE_METL_DRP 24180	29.66 0.07 0.00	27.25 0.05 0.00	26.48 0.04 0.00	25.46 0.03 0.00	26.25 0.06 0.00	25.61 0.03 0.00	25.21 -0.01 0.00	28.18 -0.07 0.00	34.35 -0.16 0.00	25.17 -0.17 -0.74	8.23 -0.03 -4.34	5.92 -0.01 -3.92	19.13 -0.09 -1.58	7.50 -0.01 -5.77	6.41 0.00 -6.14	15.19 -0.06 -5.00	38.48 -0.29 -1.12	41.35 -0.23 -0.38	27.31 -0.14 -1.65	17.48 -0.06 -0.88	10.19 -0.01 -5.81	15.10 -0.02 -3.14	11.12 -0.01 -6.01	24.18 -0.03 -0.35
DAHOWA___HYDRO 323763	30.86 1.27 0.00	28.46 1.26 0.00	27.69 1.24 0.00	26.65 1.22 0.00	27.44 1.24 0.00	26.90 1.32 0.00	26.66 1.43 0.00	29.79 1.55 0.00	36.55 2.04 0.00	30.61 1.53 -4.49	30.42 0.25 -26.25	25.85 0.12 -23.72	28.27 1.06 -9.56	36.72 0.10 -34.88	37.39 0.02 -37.10	41.10 0.61 -30.25	46.73 2.32 -6.77	45.82 2.35 -2.27	37.26 1.43 -10.04	23.00 0.94 -5.39	40.27 0.25 -35.63	31.91 0.67 -19.26	42.26 0.29 -36.84	27.38 1.39 -2.12
DANC___LFGE 323619	29.34 -0.25 0.00	26.82 -0.38 0.00	26.11 -0.34 0.00	25.24 -0.19 0.00	26.09 -0.10 0.00	25.44 -0.14 0.00	25.08 -0.15 0.00	28.21 -0.04 0.00	34.19 -0.32 0.00	24.69 -0.46 -0.56	7.08 -0.10 -3.25	4.88 -0.06 -2.94	18.30 -0.52 -1.19	6.01 -0.05 -4.32	4.86 -0.01 -4.60	13.81 -0.18 -3.75	38.26 -0.22 -0.84	41.22 -0.27 -0.28	26.57 -0.46 -1.24	17.02 -0.31 -0.66	8.68 -0.08 -4.37	13.98 -0.36 -2.36	9.46 -0.19 -4.52	23.35 -0.78 -0.26
DANSKAMMER___1 23586	30.89 1.30 0.00	28.35 1.15 0.00	27.55 1.11 0.00	26.49 1.06 0.00	27.25 1.06 0.00	26.65 1.07 0.00	26.43 1.21 0.00	29.71 1.47 0.00	36.47 1.96 0.00	29.66 1.42 -3.64	25.44 0.22 -21.29	21.35 0.11 -19.24	26.38 0.99 -7.76	30.13 0.10 -28.29	30.38 0.02 -30.09	35.43 0.65 -24.53	45.47 2.33 -5.50	45.74 2.69 -1.84	35.62 1.68 -8.14	22.07 1.03 -4.38	33.59 0.28 -28.92	28.36 0.74 -15.64	35.34 0.31 -29.90	26.95 1.36 -1.72
DANSKAMMER___2 23589	30.89 1.30 0.00	28.35 1.15 0.00	27.55 1.11 0.00	26.49 1.06 0.00	27.25 1.06 0.00	26.65 1.07 0.00	26.43 1.21 0.00	29.71 1.47 0.00	36.47 1.96 0.00	29.66 1.42 -3.64	25.44 0.22 -21.29	21.35 0.11 -19.24	26.38 0.99 -7.76	30.13 0.10 -28.29	30.38 0.02 -30.09	35.43 0.65 -24.53	45.47 2.33 -5.50	45.74 2.69 -1.84	35.62 1.68 -8.14	22.07 1.03 -4.38	33.59 0.28 -28.92	28.36 0.74 -15.64	35.34 0.31 -29.90	26.95 1.36 -1.72
DANSKAMMER___3 23590	30.89 1.30 0.00	28.35 1.15 0.00	27.55 1.11 0.00	26.49 1.06 0.00	27.25 1.06 0.00	26.65 1.07 0.00	26.43 1.21 0.00	29.71 1.47 0.00	36.47 1.96 0.00	29.66 1.42 -3.64	25.44 0.22 -21.29	21.35 0.11 -19.24	26.38 0.99 -7.76	30.13 0.10 -28.29	30.38 0.02 -30.09	35.43 0.65 -24.53	45.47 2.33 -5.50	45.74 2.69 -1.84	35.62 1.68 -8.14	22.07 1.03 -4.38	33.59 0.28 -28.92	28.36 0.74 -15.64	35.34 0.31 -29.90	26.95 1.36 -1.72
DANSKAMMER___4 23591	30.89 1.30 0.00	28.35 1.15 0.00	27.55 1.11 0.00	26.49 1.06 0.00	27.25 1.06 0.00	26.65 1.07 0.00	26.43 1.21 0.00	29.71 1.47 0.00	36.47 1.96 0.00	29.66 1.42 -3.64	25.44 0.22 -21.29	21.35 0.11 -19.24	26.38 0.99 -7.76	30.13 0.10 -28.29	30.38 0.02 -30.09	35.43 0.65 -24.53	45.47 2.33 -5.50	45.74 2.69 -1.84	35.62 1.68 -8.14	22.07 1.03 -4.38	33.59 0.28 -28.92	28.36 0.74 -15.64	35.34 0.31 -29.90	26.95 1.36 -1.72
DANSKAMMER___DIESEL 23592	30.89 1.30 0.00	28.35 1.16 0.00	27.55 1.11 0.00	26.49 1.06 0.00	27.25 1.06 0.00	26.65 1.08 0.00	26.44 1.21 0.00	29.72 1.47 0.00	36.47 1.96 0.00	29.66 1.42 -3.64	25.44 0.22 -21.29	21.35 0.11 -19.24	26.38 0.99 -7.76	30.13 0.10 -28.29	30.38 0.02 -30.09	35.43 0.65 -24.53	45.47 2.34 -5.50	45.74 2.69 -1.84	35.62 1.68 -8.14	22.07 1.03 -4.38	33.59 0.28 -28.92	28.36 0.75 -15.64	35.34 0.31 -29.90	26.95 1.36 -1.72

DARBY___SOLAR 323810	30.77 1.18 0.00	28.37 1.17 0.00	27.61 1.16 0.00	26.57 1.14 0.00	27.35 1.16 0.00	26.80 1.23 0.00	26.55 1.32 0.00	29.69 1.45 0.00	36.40 1.89 0.00	30.48 1.40 -4.48	30.34 0.22 -26.20	25.79 0.11 -23.67	28.16 0.98 -9.54	36.64 0.10 -34.81	37.31 0.02 -37.02	41.00 0.56 -30.18	46.55 2.15 -6.76	45.67 2.20 -2.27	37.14 1.33 -10.02	22.93 0.88 -5.38	40.18 0.23 -35.56	31.82 0.62 -19.22	42.17 0.27 -36.76	27.26 1.28 -2.12
DASHVILLE___HYD 23610	30.48 0.89 0.00	27.99 0.79 0.00	27.20 0.75 0.00	26.15 0.72 0.00	26.90 0.71 0.00	26.29 0.71 0.00	26.05 0.83 0.00	29.29 1.05 0.00	35.92 1.40 0.00	29.42 1.05 -3.77	26.15 0.16 -22.07	22.02 0.08 -19.93	26.43 0.75 -8.04	31.13 0.08 -29.32	31.46 0.01 -31.18	36.12 0.45 -25.42	44.94 1.61 -5.70	45.00 1.89 -1.91	35.45 1.22 -8.44	21.93 0.74 -4.54	34.56 0.20 -29.97	28.72 0.54 -16.20	36.34 0.22 -30.98	26.62 0.96 -1.78
DEERFIELD_69_KV_DEERFIELD LD 355887	32.09 2.50 0.00	29.40 2.20 0.00	28.38 1.93 0.00	27.37 1.94 0.00	28.18 1.99 0.00	27.61 2.04 0.00	27.51 2.29 0.00	30.98 2.74 0.00	38.42 3.91 0.00	31.08 2.82 -3.67	33.23 0.46 -28.85	21.52 0.21 -19.31	27.30 1.87 -7.78	30.31 0.17 -28.40	30.51 0.04 -30.20	39.80 1.23 -28.32	395.64 4.17 -353.84	147.27 4.49 -101.58	161.03 3.00 -132.24	120.68 1.90 -102.13	228.43 0.50 -223.54	353.04 1.39 -339.68	152.06 0.59 -146.34	28.35 2.75 -1.73
DELAWARE___LFGE 323621	30.47 0.88 0.00	27.96 0.76 0.00	27.19 0.74 0.00	26.13 0.70 0.00	26.89 0.70 0.00	26.23 0.65 0.00	25.92 0.69 0.00	29.09 0.85 0.00	35.59 1.08 0.00	27.20 0.71 -1.90	15.11 0.11 -11.08	12.07 0.06 -10.01	22.17 0.49 -4.03	16.51 0.05 -14.72	15.94 0.01 -15.66	23.33 0.32 -12.76	41.63 1.13 -2.86	43.56 1.40 -0.96	30.98 0.94 -4.24	19.53 0.59 -2.29	19.63 0.16 -15.09	20.54 0.41 -8.16	20.90 0.17 -15.60	25.51 0.74 -0.90
DERFIELD_115KV_TB7 355931	29.57 -0.02 0.00	27.17 -0.03 0.00	26.42 -0.03 0.00	25.41 -0.03 0.00	26.18 -0.01 0.00	25.58 0.00 0.00	25.24 0.01 0.00	28.27 0.03 0.00	34.56 0.05 0.00	24.74 0.03 -0.11	4.58 0.00 -0.65	2.60 0.00 -0.59	17.88 0.00 -0.24	2.61 0.00 -0.87	1.20 0.00 -0.92	11.02 0.01 -0.75	37.92 0.11 -0.17	41.34 0.08 -0.06	26.07 0.03 -0.25	16.80 0.00 -0.13	5.27 0.00 -0.88	12.44 -0.01 -0.47	6.04 0.00 -0.91	23.90 -0.02 -0.05
DOGLEVILLE___HYD 23807	29.62 0.03 0.00	27.15 -0.05 0.00	26.43 -0.01 0.00	25.42 -0.01 0.00	26.18 -0.01 0.00	25.56 -0.02 0.00	25.38 0.15 0.00	28.55 0.31 0.00	34.94 0.43 0.00	24.83 0.12 -0.11	4.58 0.01 -0.65	2.58 -0.02 -0.59	17.75 -0.13 -0.24	2.59 -0.01 -0.87	1.20 0.00 -0.92	11.16 0.16 -0.75	38.61 0.80 -0.17	42.31 1.06 -0.06	26.72 0.68 -0.25	17.32 0.52 -0.13	5.41 0.14 -0.88	12.82 0.37 -0.47	6.17 0.13 -0.91	24.35 0.43 -0.05
DUNKIRK___115KV_TB_200 55889	30.12 0.54 0.00	27.82 0.62 0.00	27.03 0.59 0.00	25.89 0.46 0.00	26.65 0.46 0.00	25.97 0.39 0.00	25.29 0.06 0.00	28.36 0.12 0.00	34.58 0.07 0.00	25.42 -0.18 -1.00	9.70 -0.05 -5.83	7.27 0.00 -5.26	19.64 -0.12 -2.12	9.45 -0.03 -7.74	8.49 -0.01 -8.24	16.59 -0.38 -6.71	37.75 -1.40 -1.50	40.46 -1.24 -0.51	26.83 -1.11 -2.15	16.91 -0.84 -1.09	11.40 -0.19 -7.20	15.38 -0.48 -3.89	12.32 -0.26 -7.45	23.53 -0.77 -0.43
DUNKIRK___1 23563	30.12 0.54 0.00	27.82 0.62 0.00	27.03 0.59 0.00	25.89 0.46 0.00	26.65 0.46 0.00	25.97 0.39 0.00	25.29 0.06 0.00	28.36 0.12 0.00	34.58 0.07 0.00	25.42 -0.18 -1.00	9.70 -0.05 -5.83	7.27 0.00 -5.26	19.64 -0.12 -2.12	9.45 -0.03 -7.74	8.49 -0.01 -8.24	16.59 -0.38 -6.71	37.75 -1.40 -1.50	40.46 -1.24 -0.51	26.83 -1.11 -2.15	16.91 -0.84 -1.09	11.40 -0.19 -7.20	15.38 -0.48 -3.89	12.32 -0.26 -7.45	23.53 -0.77 -0.43
DUNKIRK___2 23564	30.12 0.54 0.00	27.82 0.62 0.00	27.03 0.59 0.00	25.89 0.46 0.00	26.65 0.46 0.00	25.97 0.39 0.00	25.29 0.06 0.00	28.36 0.12 0.00	34.58 0.07 0.00	25.42 -0.18 -1.00	9.70 -0.05 -5.83	7.27 0.00 -5.26	19.64 -0.12 -2.12	9.45 -0.03 -7.74	8.49 -0.01 -8.24	16.59 -0.38 -6.71	37.75 -1.40 -1.50	40.46 -1.24 -0.51	26.83 -1.11 -2.15	16.91 -0.84 -1.09	11.40 -0.19 -7.20	15.38 -0.48 -3.89	12.32 -0.26 -7.45	23.53 -0.77 -0.43
DUNKIRK___3 23565	30.06 0.47 0.00	27.74 0.55 0.00	26.95 0.51 0.00	25.82 0.38 0.00	26.58 0.39 0.00	25.89 0.31 0.00	25.23 0.00 0.00	28.30 0.06 0.00	34.49 -0.02 0.00	25.35 -0.25 -1.00	9.69 -0.06 -5.84	7.27 -0.01 -5.27	19.61 -0.16 -2.13	9.47 -0.03 -7.76	8.51 -0.01 -8.25	16.59 -0.38 -6.73	37.76 -1.39 -1.51	40.46 -1.25 -0.51	26.83 -1.12 -2.16	16.91 -0.84 -1.09	11.42 -0.19 -7.21	15.39 -0.48 -3.90	12.33 -0.26 -7.46	23.56 -0.74 -0.43
DUNKIRK___4 23566	30.08 0.50 0.00	27.80 0.60 0.00	27.00 0.55 0.00	25.86 0.43 0.00	26.62 0.42 0.00	25.93 0.35 0.00	25.24 0.01 0.00	28.31 0.07 0.00	34.47 -0.04 0.00	25.34 -0.24 -0.99	9.62 -0.06 -5.77	7.20 -0.01 -5.21	19.57 -0.18 -2.10	9.37 -0.03 -7.66	8.41 -0.01 -8.15	16.48 -0.41 -6.64	37.67 -1.45 -1.49	40.38 -1.32 -0.50	26.79 -1.14 -2.13	16.89 -0.86 -1.08	11.33 -0.20 -7.14	15.32 -0.52 -3.86	12.25 -0.27 -7.38	23.48 -0.81 -0.43
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.88 1.29 0.00	28.32 1.12 0.00	27.53 1.08 0.00	26.45 1.02 0.00	27.18 0.99 0.00	26.56 0.98 0.00	26.36 1.13 0.00	29.64 1.40 0.00	36.39 1.88 0.00	29.63 1.38 -3.66	25.51 0.22 -21.37	21.42 0.11 -19.31	26.43 1.00 -7.78	30.23 0.10 -28.39	30.48 0.02 -30.20	35.51 0.64 -24.62	45.42 2.26 -5.52	45.63 2.58 -1.85	35.61 1.65 -8.17	22.07 1.01 -4.39	33.70 0.28 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	26.96 1.37 -1.73
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.75 1.16 0.00	28.22 1.02 0.00	27.42 0.97 0.00	26.36 0.93 0.00	27.12 0.93 0.00	26.51 0.93 0.00	26.26 1.04 0.00	29.52 1.27 0.00	36.21 1.70 0.00	29.36 1.23 -3.53	24.75 0.19 -20.64	20.74 0.09 -18.65	26.00 0.84 -7.52	29.24 0.08 -27.42	29.45 0.01 -29.16	34.59 0.57 -23.78	44.98 2.01 -5.33	45.33 2.34 -1.79	35.14 1.46 -7.89	21.79 0.88 -4.24	32.67 0.24 -28.04	27.77 0.64 -15.16	34.38 0.26 -28.99	26.70 1.16 -1.67
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.92 1.33 0.00	28.36 1.16 0.00	27.51 1.07 0.00	26.51 1.08 0.00	27.30 1.11 0.00	26.69 1.11 0.00	26.50 1.27 0.00	29.81 1.56 0.00	36.55 2.04 0.00	29.76 1.50 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.50 1.07 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.56 0.69 -24.62	45.59 2.43 -5.52	45.81 2.76 -1.85	35.73 1.76 -8.17	22.14 1.08 -4.39	33.71 0.29 -29.03	28.47 0.80 -15.69	35.48 0.33 -30.01	27.08 1.48 -1.73
E179THST_13_KV_LOAD 356214	31.04 1.45 0.00	28.46 1.26 0.00	27.61 1.16 0.00	26.59 1.16 0.00	27.40 1.20 0.00	26.78 1.20 0.00	26.58 1.36 0.00	29.92 1.68 0.00	36.69 2.18 0.00	29.87 1.62 -3.66	25.55 0.26 -21.37	21.45 0.14 -19.31	26.58 1.16 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.76 2.61 -5.52	46.00 2.95 -1.85	35.85 1.88 -8.17	22.21 1.16 -4.39	33.73 0.31 -29.03	28.52 0.85 -15.69	35.50 0.35 -30.01	27.17 1.58 -1.73

EAST HAMPTON___GT 23717	32.34 2.75 0.00	29.62 2.42 0.00	28.59 2.14 0.00	27.58 2.14 0.00	28.39 2.20 0.00	27.82 2.25 0.00	27.73 2.50 0.00	31.24 2.99 0.00	38.75 4.24 0.00	31.32 3.06 -3.67	33.28 0.51 -28.85	21.54 0.23 -19.31	27.47 2.05 -7.78	30.32 0.19 -28.40	30.51 0.04 -30.20	39.95 1.38 -28.32	396.00 4.56 -353.80	147.73 4.96 -101.57	161.32 3.30 -132.23	120.88 2.10 -102.12	228.46 0.55 -223.52	353.16 1.54 -339.64	152.10 0.64 -146.32	28.58 2.98 -1.73
EAST RIVER___6 23660	31.01 1.42 0.00	28.44 1.24 0.00	27.62 1.18 0.00	26.58 1.14 0.00	27.31 1.12 0.00	26.71 1.13 0.00	26.54 1.32 0.00	29.87 1.62 0.00	36.58 2.08 0.00	29.80 1.55 -3.66	25.54 0.25 -21.37	21.44 0.13 -19.30	26.57 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.60 0.73 -24.62	45.71 2.56 -5.52	45.97 2.92 -1.85	35.85 1.88 -8.17	22.21 1.16 -4.39	33.73 0.31 -29.03	28.51 0.85 -15.69	35.50 0.35 -30.01	27.18 1.58 -1.73
EAST RIVER___7 23524	31.01 1.42 0.00	28.44 1.24 0.00	27.62 1.18 0.00	26.58 1.14 0.00	27.31 1.12 0.00	26.71 1.13 0.00	26.54 1.32 0.00	29.87 1.62 0.00	36.58 2.08 0.00	29.80 1.55 -3.66	25.54 0.25 -21.37	21.44 0.13 -19.30	26.57 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.60 0.73 -24.62	45.71 2.56 -5.52	45.97 2.92 -1.85	35.85 1.88 -8.17	22.21 1.16 -4.39	33.73 0.31 -29.03	28.51 0.85 -15.69	35.50 0.35 -30.01	27.18 1.58 -1.73
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.80 1.21 0.00	28.25 1.06 0.00	27.45 1.00 0.00	26.40 0.96 0.00	27.14 0.95 0.00	26.52 0.95 0.00	26.34 1.11 0.00	29.61 1.37 0.00	36.35 1.84 0.00	29.59 1.34 -3.65	25.48 0.21 -21.35	21.40 0.11 -19.29	26.40 0.98 -7.78	30.20 0.10 -28.36	30.45 0.02 -30.16	35.46 0.62 -24.59	45.36 2.21 -5.51	45.58 2.53 -1.85	35.56 1.60 -8.17	22.04 0.99 -4.39	33.66 0.27 -28.99	28.38 0.73 -15.68	35.41 0.30 -29.98	26.93 1.33 -1.73
EAST_HAMPTON___DIESEL 23722	32.34 2.75 0.00	29.62 2.42 0.00	28.59 2.14 0.00	27.58 2.14 0.00	28.39 2.20 0.00	27.83 2.25 0.00	27.73 2.50 0.00	31.24 2.99 0.00	38.75 4.24 0.00	31.32 3.06 -3.67	33.28 0.51 -28.85	21.54 0.23 -19.31	27.47 2.05 -7.78	30.32 0.19 -28.40	30.51 0.04 -30.20	39.95 1.38 -28.32	396.00 4.56 -353.80	147.75 4.97 -101.57	161.33 3.31 -132.23	120.88 2.11 -102.12	228.46 0.55 -223.52	353.16 1.54 -339.64	152.10 0.64 -146.32	28.59 2.98 -1.73
EAST_PULASKI___ESR 323781	29.31 -0.28 0.00	26.87 -0.33 0.00	26.13 -0.31 0.00	25.19 -0.24 0.00	25.98 -0.21 0.00	25.34 -0.24 0.00	24.94 -0.29 0.00	27.95 -0.30 0.00	33.99 -0.52 0.00	24.71 -0.50 -0.61	7.40 -0.09 -3.57	5.18 -0.05 -3.22	18.51 -0.44 -1.30	6.43 -0.05 -4.74	5.30 -0.01 -5.04	14.15 -0.20 -4.11	37.99 -0.57 -0.92	40.96 -0.55 -0.31	26.70 -0.45 -1.36	17.11 -0.28 -0.73	9.11 -0.07 -4.79	14.33 -0.23 -2.59	9.97 -0.12 -4.95	23.66 -0.50 -0.29
EAST_RIVER___1 323558	30.92 1.33 0.00	28.35 1.15 0.00	27.54 1.10 0.00	26.49 1.06 0.00	27.24 1.04 0.00	26.61 1.04 0.00	26.45 1.22 0.00	29.77 1.53 0.00	36.51 2.00 0.00	29.72 1.47 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.30	26.49 1.07 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.56 0.69 -24.62	45.58 2.43 -5.52	45.84 2.79 -1.85	35.75 1.79 -8.17	22.15 1.10 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.69	35.48 0.33 -30.01	27.09 1.50 -1.73
EAST_RIVER___2 323559	31.01 1.42 0.00	28.44 1.24 0.00	27.62 1.18 0.00	26.58 1.14 0.00	27.31 1.12 0.00	26.71 1.13 0.00	26.54 1.32 0.00	29.87 1.62 0.00	36.58 2.08 0.00	29.80 1.55 -3.66	25.54 0.25 -21.37	21.44 0.13 -19.30	26.57 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.60 0.73 -24.62	45.71 2.56 -5.52	45.97 2.92 -1.85	35.85 1.88 -8.17	22.21 1.16 -4.39	33.73 0.31 -29.03	28.51 0.85 -15.69	35.50 0.35 -30.01	27.18 1.58 -1.73
EAST___DELAWARE_HYD 23607	30.37 0.78 0.00	27.85 0.66 0.00	27.04 0.60 0.00	26.00 0.57 0.00	26.75 0.56 0.00	26.14 0.56 0.00	25.93 0.70 0.00	29.18 0.94 0.00	35.80 1.29 0.00	28.84 0.91 -3.33	23.50 0.12 -19.46	19.64 0.06 -17.58	25.27 0.54 -7.09	27.65 0.05 -25.86	27.78 0.01 -27.50	33.11 0.44 -22.42	44.27 1.61 -5.02	44.89 2.00 -1.69	34.52 1.28 -7.45	21.42 0.76 -4.00	31.04 0.20 -26.44	26.80 0.53 -14.30	32.69 0.22 -27.34	26.38 0.93 -1.57
EIGHT_POINT___WT_PWR 323820	29.45 -0.14 0.00	27.21 0.01 0.00	26.32 -0.13 0.00	25.48 0.05 0.00	26.34 0.14 0.00	25.81 0.23 0.00	25.35 0.13 0.00	28.58 0.34 0.00	34.82 0.31 0.00	25.62 -0.12 -1.14	10.52 -0.06 -6.66	8.01 -0.01 -6.01	19.90 -0.17 -2.42	10.57 -0.01 -8.84	9.67 -0.01 -9.41	17.62 -0.30 -7.67	38.16 -1.19 -1.72	40.76 -1.02 -0.58	27.23 -1.02 -2.46	16.80 -1.10 -1.24	12.25 -0.30 -8.17	15.59 -0.80 -4.41	13.20 -0.38 -8.44	23.10 -1.26 -0.49
ELBRIDGE_115KV_TB2 80188	29.54 -0.05 0.00	27.13 -0.07 0.00	26.36 -0.09 0.00	25.34 -0.09 0.00	26.15 -0.04 0.00	25.51 -0.07 0.00	25.10 -0.12 0.00	28.04 -0.20 0.00	34.18 -0.33 0.00	25.07 -0.29 -0.76	8.35 -0.05 -4.48	6.03 -0.02 -4.05	19.09 -0.18 -1.63	7.67 -0.02 -5.95	6.59 0.00 -6.33	15.28 -0.12 -5.16	38.29 -0.50 -1.16	41.15 -0.44 -0.39	27.21 -0.28 -1.70	17.42 -0.15 -0.90	10.33 -0.03 -5.98	15.13 -0.07 -3.23	11.27 -0.04 -6.18	24.07 -0.15 -0.36
ELEC_TRO_TEK 24086	31.09 1.50 0.00	28.53 1.33 0.00	27.52 1.07 0.00	26.58 1.14 0.00	27.35 1.16 0.00	26.76 1.19 0.00	26.60 1.37 0.00	29.92 1.68 0.00	36.89 2.38 0.00	30.01 1.76 -3.66	25.59 0.29 -21.37	21.45 0.13 -19.31	26.65 1.23 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.67 0.80 -24.62	45.78 2.62 -5.52	45.87 2.81 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.57 0.90 -15.70	35.53 0.38 -30.02	27.31 1.72 -1.73
ELLENBURG_WT_PWR 323604	29.21 -0.38 0.00	26.85 -0.35 0.00	26.30 -0.14 0.00	25.35 -0.08 0.00	26.03 -0.16 0.00	25.65 0.07 0.00	25.15 -0.07 0.00	28.39 0.14 0.00	34.71 0.20 0.00	25.22 0.48 -0.14	4.78 0.06 -0.80	2.69 -0.05 -0.73	17.68 -0.25 -0.29	2.81 0.00 -1.07	1.42 0.01 -1.13	11.13 -0.05 -0.93	38.68 0.83 -0.21	41.14 -0.13 -0.07	25.71 -0.39 -0.31	16.31 -0.51 -0.16	5.28 -0.19 -1.08	11.96 -0.59 -0.58	6.12 -0.13 -1.12	23.25 -0.69 -0.06
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.71 0.12 0.00	27.53 0.33 0.00	26.69 0.24 0.00	25.60 0.17 0.00	26.33 0.13 0.00	25.62 0.04 0.00	24.88 -0.35 0.00	27.88 -0.36 0.00	33.87 -0.64 0.00	24.93 -0.63 -0.97	9.46 -0.11 -5.65	7.07 -0.04 -5.10	19.25 -0.45 -2.06	9.18 -0.06 -7.50	8.23 -0.02 -7.98	16.19 -0.57 -6.51	37.19 -1.90 -1.46	39.78 -1.91 -0.49	26.46 -1.42 -2.09	16.69 -1.04 -1.06	11.16 -0.26 -7.03	15.09 -0.69 -3.80	12.07 -0.32 -7.26	23.21 -1.08 -0.42
EMPIRE_CC_1 323656	29.91 0.31 0.00	27.55 0.35 0.00	26.82 0.38 0.00	25.82 0.38 0.00	26.56 0.37 0.00	26.00 0.42 0.00	25.69 0.47 0.00	28.71 0.46 0.00	35.11 0.60 0.00	29.37 0.54 -4.24	28.77 0.09 -24.76	24.43 0.05 -22.37	27.11 0.45 -9.02	34.68 0.05 -32.90	35.27 0.01 -34.99	39.01 0.23 -28.52	44.85 0.82 -6.39	44.10 0.76 -2.15	35.77 0.51 -9.47	22.17 0.41 -5.09	38.09 0.09 -33.61	30.39 0.25 -18.17	39.99 0.11 -34.75	26.35 0.48 -2.00

EMPIRE_CC_2 323658	29.91 0.31 0.00	27.55 0.35 0.00	26.82 0.38 0.00	25.82 0.38 0.00	26.56 0.37 0.00	26.00 0.42 0.00	25.69 0.47 0.00	28.71 0.46 0.00	35.11 0.60 0.00	29.37 0.54 -4.24	28.77 0.09 -24.76	24.43 0.05 -22.37	27.11 0.45 -9.02	34.68 0.05 -32.90	35.27 0.01 -34.99	39.01 0.23 -28.52	44.85 0.82 -6.39	44.10 0.76 -2.15	35.77 0.51 -9.47	22.17 0.41 -5.09	38.09 0.09 -33.61	30.39 0.25 -18.17	39.99 0.11 -34.75	26.35 0.48 -2.00
ENORWICH_115KV_TB1 80156	31.52 1.93 0.00	28.82 1.62 0.00	28.08 1.63 0.00	26.99 1.56 0.00	27.70 1.51 0.00	27.01 1.43 0.00	26.92 1.70 0.00	30.23 1.99 0.00	36.73 2.22 0.00	27.35 1.26 -1.49	12.81 0.17 -8.72	9.95 0.06 -7.88	21.45 0.64 -3.18	13.40 0.07 -11.59	12.60 0.00 -12.32	21.03 0.73 -10.05	42.96 3.07 -2.25	45.80 3.85 -0.76	31.55 2.43 -3.33	19.96 1.52 -1.78	16.55 0.38 -11.77	19.36 1.02 -6.37	17.70 0.40 -12.17	26.10 1.53 -0.70
ERIE_ST__34_KV_TB1-2 80199	30.25 0.65 0.00	27.97 0.77 0.00	27.11 0.66 0.00	26.00 0.57 0.00	26.74 0.55 0.00	26.03 0.46 0.00	25.34 0.11 0.00	28.44 0.19 0.00	34.56 0.05 0.00	25.39 -0.19 -0.98	9.61 -0.05 -5.74	7.19 0.00 -5.18	19.59 -0.14 -2.09	9.33 -0.03 -7.62	8.37 -0.01 -8.11	16.51 -0.35 -6.61	38.03 -1.09 -1.48	40.73 -0.97 -0.50	27.04 -0.88 -2.12	17.05 -0.69 -1.08	11.33 -0.17 -7.11	15.35 -0.47 -3.85	12.24 -0.24 -7.36	23.59 -0.70 -0.42
ERIE_WT_PWR 323693	29.92 0.33 0.00	27.70 0.50 0.00	26.86 0.41 0.00	25.77 0.33 0.00	26.50 0.31 0.00	25.81 0.23 0.00	25.08 -0.15 0.00	28.11 -0.13 0.00	34.15 -0.36 0.00	25.13 -0.44 -0.98	9.54 -0.08 -5.71	7.14 -0.02 -5.16	19.40 -0.32 -2.08	9.28 -0.05 -7.58	8.32 -0.02 -8.07	16.33 -0.50 -6.58	37.45 -1.66 -1.47	40.08 -1.61 -0.49	26.66 -1.25 -2.11	16.79 -0.94 -1.07	11.24 -0.23 -7.08	15.19 -0.61 -3.83	12.16 -0.30 -7.33	23.33 -0.97 -0.42
ESPRGFLD_115KV_TB1 80157	31.09 1.50 0.00	28.46 1.27 0.00	27.63 1.18 0.00	26.56 1.12 0.00	27.36 1.17 0.00	26.67 1.10 0.00	26.32 1.09 0.00	29.67 1.43 0.00	36.15 1.64 0.00	25.47 1.00 0.13	3.31 0.15 0.75	1.40 0.07 0.68	17.95 0.59 0.27	0.79 0.05 1.00	-0.79 0.01 1.07	9.79 0.41 0.87	39.12 1.67 0.19	43.17 2.04 0.06	26.81 1.30 0.28	17.28 0.76 0.14	3.64 0.20 0.96	11.99 0.53 0.52	4.37 0.23 0.99	24.83 1.02 0.06
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.30 0.71 0.00	27.81 0.61 0.00	27.03 0.58 0.00	25.98 0.54 0.00	26.79 0.59 0.00	26.13 0.56 0.00	25.79 0.57 0.00	28.89 0.65 0.00	35.20 0.69 0.00	26.10 0.32 -1.18	10.86 0.04 -6.90	8.26 0.02 -6.23	20.39 0.23 -2.51	10.93 0.02 -9.17	10.02 0.00 -9.75	18.35 0.15 -7.95	40.09 0.67 -1.78	42.76 0.97 -0.60	29.03 0.62 -2.62	18.45 0.40 -1.39	13.70 0.10 -9.21	17.24 0.29 -4.98	14.76 0.11 -9.52	24.93 0.51 -0.55
ETNA_____115KV_TB2 80207	30.30 0.71 0.00	27.81 0.61 0.00	27.03 0.58 0.00	25.98 0.54 0.00	26.79 0.59 0.00	26.13 0.56 0.00	25.79 0.57 0.00	28.89 0.65 0.00	35.20 0.69 0.00	26.10 0.32 -1.18	10.86 0.04 -6.90	8.26 0.02 -6.23	20.39 0.23 -2.51	10.93 0.02 -9.17	10.02 0.00 -9.75	18.35 0.15 -7.95	40.09 0.67 -1.78	42.76 0.97 -0.60	29.03 0.62 -2.62	18.45 0.40 -1.39	13.70 0.10 -9.21	17.24 0.29 -4.98	14.76 0.11 -9.52	24.93 0.51 -0.55
EUCLID__115KV_TB2 356179	29.34 -0.25 0.00	26.98 -0.22 0.00	26.21 -0.24 0.00	25.20 -0.23 0.00	25.96 -0.23 0.00	25.32 -0.26 0.00	24.91 -0.32 0.00	27.85 -0.39 0.00	33.96 -0.54 0.00	24.85 -0.43 -0.69	7.87 -0.07 -4.02	5.61 -0.03 -3.63	18.83 -0.28 -1.46	7.05 -0.03 -5.34	5.94 -0.01 -5.68	14.70 -0.19 -4.63	37.93 -0.75 -1.04	40.79 -0.76 -0.35	26.86 -0.46 -1.53	17.21 -0.27 -0.82	9.72 -0.07 -5.40	14.73 -0.16 -2.92	10.64 -0.07 -5.58	23.89 -0.30 -0.32
E_CANADA_CAP_HY 24051	31.23 1.65 0.00	28.62 1.42 0.00	27.74 1.30 0.00	26.70 1.27 0.00	27.54 1.34 0.00	26.86 1.28 0.00	26.47 1.25 0.00	29.86 1.62 0.00	36.35 1.84 0.00	31.24 1.10 -5.54	36.48 0.16 -32.40	31.35 0.07 -29.27	30.01 0.57 -11.80	44.83 0.05 -43.04	46.06 0.01 -45.78	47.99 0.42 -37.32	47.81 1.81 -8.36	46.10 2.09 -2.81	39.48 1.30 -12.39	24.07 0.75 -6.65	48.55 0.20 -43.96	36.26 0.52 -23.77	50.83 0.25 -45.45	27.60 1.11 -2.62
E_CANADA_MHWK_HY 24050	29.62 0.03 0.00	27.15 -0.05 0.00	26.43 -0.01 0.00	25.42 -0.01 0.00	26.18 -0.01 0.00	25.56 -0.02 0.00	25.38 0.15 0.00	28.55 0.31 0.00	34.94 0.43 0.00	24.83 0.12 -0.11	4.58 0.01 -0.65	2.58 -0.02 -0.59	17.75 -0.13 -0.24	2.59 -0.01 -0.87	1.20 0.00 -0.92	11.16 0.16 -0.75	38.61 0.80 -0.17	42.31 1.06 -0.06	26.72 0.68 -0.25	17.32 0.52 -0.13	5.41 0.14 -0.88	12.82 0.37 -0.47	6.17 0.13 -0.91	24.35 0.43 -0.05
E_FISHKILL__LBMP 23776	30.56 0.97 0.00	28.06 0.86 0.00	27.28 0.83 0.00	26.24 0.80 0.00	26.98 0.79 0.00	26.39 0.82 0.00	26.19 0.96 0.00	29.43 1.19 0.00	36.11 1.60 0.00	29.47 1.18 -3.70	25.71 0.18 -21.61	21.63 0.10 -19.52	26.37 0.86 -7.87	30.53 0.09 -28.71	30.82 0.01 -30.54	35.69 0.54 -24.89	45.14 1.92 -5.58	45.27 2.20 -1.87	35.44 1.39 -8.27	21.96 0.85 -4.44	33.97 0.23 -29.35	28.47 0.63 -15.87	35.73 0.26 -30.35	26.75 1.13 -1.75
FALCON__SEABRD_CC1 323796	29.56 -0.03 0.00	27.19 -0.01 0.00	26.63 0.19 0.00	25.69 0.25 0.00	26.39 0.19 0.00	26.02 0.45 0.00	25.52 0.30 0.00	28.76 0.52 0.00	35.26 0.75 0.00	25.61 0.87 -0.14	4.84 0.12 -0.81	2.71 -0.02 -0.73	17.90 -0.04 -0.30	2.83 0.02 -1.07	1.43 0.02 -1.14	11.25 0.07 -0.93	39.20 1.35 -0.21	41.80 0.53 -0.07	26.12 0.02 -0.31	16.58 -0.24 -0.16	5.36 -0.12 -1.08	12.14 -0.42 -0.59	6.19 -0.07 -1.12	23.59 -0.34 -0.06
FALCON__SEABRD_CC2 323797	29.56 -0.03 0.00	27.19 -0.01 0.00	26.63 0.19 0.00	25.69 0.25 0.00	26.39 0.19 0.00	26.02 0.45 0.00	25.52 0.30 0.00	28.76 0.52 0.00	35.26 0.75 0.00	25.61 0.87 -0.14	4.84 0.12 -0.81	2.71 -0.02 -0.73	17.90 -0.04 -0.30	2.83 0.02 -1.07	1.43 0.02 -1.14	11.25 0.07 -0.93	39.20 1.35 -0.21	41.80 0.53 -0.07	26.12 0.02 -0.31	16.58 -0.24 -0.16	5.36 -0.12 -1.08	12.14 -0.42 -0.59	6.19 -0.07 -1.12	23.59 -0.34 -0.06
FAR ROCKAWAY__4 23548	31.42 1.83 0.00	28.84 1.64 0.00	27.83 1.38 0.00	26.88 1.44 0.00	27.66 1.47 0.00	27.08 1.50 0.00	26.91 1.69 0.00	30.27 2.03 0.00	37.35 2.84 0.00	30.35 2.10 -3.66	25.64 0.35 -21.37	21.47 0.16 -19.31	26.91 1.48 -7.78	30.27 0.14 -28.40	30.50 0.03 -30.20	35.81 0.94 -24.62	46.14 2.99 -5.52	46.36 3.31 -1.85	36.21 2.24 -8.17	22.46 1.40 -4.39	33.80 0.38 -29.03	28.73 1.07 -15.70	35.60 0.45 -30.02	27.64 2.04 -1.73
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.92 1.33 0.00	28.36 1.16 0.00	27.55 1.10 0.00	26.50 1.06 0.00	27.24 1.05 0.00	26.62 1.05 0.00	26.45 1.22 0.00	29.77 1.53 0.00	36.52 2.01 0.00	29.73 1.47 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.30	26.50 1.07 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.56 0.69 -24.62	45.60 2.44 -5.52	45.85 2.80 -1.85	35.76 1.80 -8.17	22.16 1.11 -4.39	33.72 0.30 -29.03	28.49 0.82 -15.69	35.48 0.33 -30.01	27.10 1.50 -1.73

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.95 1.36 0.00	28.37 1.17 0.00	27.55 1.11 0.00	26.51 1.07 0.00	27.25 1.06 0.00	26.63 1.06 0.00	26.46 1.23 0.00	29.79 1.55 0.00	36.54 2.03 0.00	29.74 1.49 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.30	26.51 1.08 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.56 0.69 -24.62	45.62 2.46 -5.52	45.88 2.83 -1.85	35.78 1.81 -8.17	22.17 1.12 -4.39	33.72 0.31 -29.03	28.49 0.83 -15.69	35.48 0.34 -30.01	27.10 1.51 -1.73
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.92 1.32 0.00	28.34 1.14 0.00	27.53 1.09 0.00	26.48 1.05 0.00	27.23 1.04 0.00	26.61 1.03 0.00	26.43 1.21 0.00	29.76 1.52 0.00	36.50 1.99 0.00	29.71 1.46 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.30	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.58 2.43 -5.52	45.84 2.79 -1.85	35.75 1.78 -8.17	22.15 1.10 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.69	35.48 0.33 -30.01	27.08 1.48 -1.73
FARRAGUT___LBMP 323566	30.89 1.30 0.00	28.32 1.13 0.00	27.52 1.07 0.00	26.47 1.04 0.00	27.21 1.02 0.00	26.59 1.02 0.00	26.42 1.20 0.00	29.74 1.50 0.00	36.48 1.97 0.00	29.69 1.44 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.30	26.47 1.05 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.55 2.40 -5.52	45.80 2.75 -1.85	35.72 1.76 -8.17	22.14 1.08 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.07 1.47 -1.73
FENNER___WINDPWR 24204	30.08 0.49 0.00	27.64 0.44 0.00	26.87 0.42 0.00	25.86 0.42 0.00	26.63 0.44 0.00	26.04 0.46 0.00	25.70 0.48 0.00	28.81 0.57 0.00	35.11 0.60 0.00	25.63 0.30 -0.73	8.20 0.04 -4.25	5.86 0.02 -3.84	19.32 0.13 -1.55	7.40 0.01 -5.65	6.28 0.00 -6.01	15.28 0.13 -4.90	39.44 0.71 -1.10	42.44 0.88 -0.37	27.92 0.50 -1.62	17.84 0.31 -0.87	10.22 0.07 -5.76	15.25 0.16 -3.11	11.14 0.06 -5.95	24.46 0.25 -0.34
FIBERTEK___ENERGY 23856	29.66 0.07 0.00	27.25 0.05 0.00	26.48 0.04 0.00	25.46 0.03 0.00	26.25 0.06 0.00	25.61 0.03 0.00	25.21 -0.01 0.00	28.18 -0.07 0.00	34.35 -0.16 0.00	25.17 -0.17 -0.74	8.23 -0.03 -4.34	5.92 -0.01 -3.92	19.13 -0.09 -1.58	7.50 -0.01 -5.77	6.41 0.00 -6.14	15.19 -0.06 -5.00	38.48 -0.29 -1.12	41.35 -0.23 -0.38	27.31 -0.14 -1.65	17.48 -0.06 -0.88	10.19 -0.01 -5.81	15.10 -0.02 -3.14	11.12 -0.01 -6.01	24.18 -0.03 -0.35
FITZPATRICK____ 23598	28.94 -0.65 0.00	26.60 -0.59 0.00	25.86 -0.59 0.00	24.87 -0.57 0.00	25.62 -0.58 0.00	24.99 -0.59 0.00	24.57 -0.66 0.00	27.45 -0.79 0.00	33.48 -1.03 0.00	24.39 -0.75 -0.54	6.98 -0.12 -3.17	4.82 -0.06 -2.87	18.29 -0.51 -1.16	5.90 -0.05 -4.22	4.75 -0.01 -4.49	13.59 -0.32 -3.66	37.24 -1.22 -0.82	40.17 -1.31 -0.27	26.20 -0.80 -1.21	16.82 -0.49 -0.65	8.53 -0.13 -4.27	13.95 -0.33 -2.31	9.40 -0.14 -4.41	23.50 -0.62 -0.25
FLOWRFLD_69_KV_BK1 356044	31.43 1.84 0.00	28.83 1.63 0.00	27.83 1.38 0.00	26.85 1.42 0.00	27.63 1.44 0.00	27.07 1.49 0.00	26.94 1.72 0.00	30.31 2.07 0.00	37.49 2.98 0.00	30.47 2.20 -3.67	34.59 0.37 -30.30	21.48 0.16 -19.31	26.90 1.47 -7.78	30.27 0.14 -28.40	30.50 0.03 -30.20	40.27 0.98 -29.04	462.43 3.23 -421.57	165.54 3.36 -120.98	184.52 2.36 -156.37	139.27 1.47 -121.13	266.14 0.39 -261.36	415.75 1.09 -402.68	174.56 0.47 -168.96	27.73 2.13 -1.73
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.93 1.34 0.00	28.39 1.19 0.00	27.59 1.15 0.00	26.53 1.09 0.00	27.29 1.10 0.00	26.69 1.12 0.00	26.48 1.26 0.00	29.77 1.53 0.00	36.54 2.03 0.00	29.72 1.47 -3.65	25.50 0.23 -21.36	21.41 0.12 -19.29	26.44 1.03 -7.78	30.21 0.10 -28.37	30.46 0.02 -30.17	35.52 0.67 -24.60	45.57 2.43 -5.51	45.83 2.78 -1.85	35.70 1.74 -8.17	22.12 1.07 -4.39	33.69 0.29 -29.00	28.43 0.77 -15.68	35.44 0.32 -29.99	27.01 1.41 -1.73
FORT ORANGE____ 23900	29.99 0.40 0.00	27.61 0.41 0.00	26.87 0.42 0.00	25.85 0.42 0.00	26.62 0.42 0.00	26.12 0.54 0.00	25.81 0.58 0.00	28.83 0.59 0.00	35.33 0.82 0.00	29.54 0.59 -4.35	29.45 0.10 -25.44	25.04 0.05 -22.98	27.31 0.40 -9.26	35.57 0.04 -33.80	36.22 0.01 -35.94	39.83 0.27 -29.31	45.28 1.07 -6.56	44.54 1.14 -2.20	36.26 0.74 -9.73	22.42 0.53 -5.23	39.05 0.13 -34.53	30.98 0.34 -18.67	40.96 0.13 -35.70	26.52 0.60 -2.06
FORT_DRUM_COGEN 23780	29.59 0.00 0.00	26.95 -0.25 0.00	26.27 -0.18 0.00	25.46 0.03 0.00	26.36 0.17 0.00	25.71 0.13 0.00	25.41 0.19 0.00	28.67 0.43 0.00	34.62 0.11 0.00	24.76 -0.32 -0.48	6.65 -0.09 -2.82	4.48 -0.07 -2.54	18.12 -0.55 -1.03	5.43 -0.05 -3.74	4.24 -0.01 -3.98	13.39 -0.10 -3.24	38.84 0.47 -0.73	41.89 0.45 -0.24	26.71 -0.15 -1.07	17.08 -0.15 -0.57	8.12 -0.05 -3.78	13.68 -0.34 -2.05	8.85 -0.20 -3.91	23.27 -0.83 -0.23
FOX_HILLS___ESR 323835	31.01 1.42 0.00	28.41 1.21 0.00	27.58 1.13 0.00	26.63 1.19 0.00	27.44 1.25 0.00	26.82 1.24 0.00	26.68 1.45 0.00	30.04 1.80 0.00	36.81 2.30 0.00	29.95 1.69 -3.66	25.55 0.26 -21.37	21.44 0.13 -19.31	26.53 1.11 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.59 0.72 -24.62	45.08 2.50 -4.94	45.95 2.90 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.56 0.89 -15.69	35.51 0.37 -30.01	27.13 1.54 -1.73
FPL_FAR_ROCK_GT1 24212	31.42 1.83 0.00	28.84 1.64 0.00	27.83 1.38 0.00	26.88 1.44 0.00	27.66 1.47 0.00	27.08 1.50 0.00	26.91 1.69 0.00	30.27 2.03 0.00	37.35 2.84 0.00	30.35 2.10 -3.66	25.64 0.35 -21.37	21.47 0.16 -19.31	26.90 1.48 -7.78	30.27 0.14 -28.40	30.50 0.03 -30.20	35.83 0.96 -24.62	46.13 2.97 -5.52	46.36 3.31 -1.85	36.21 2.25 -8.17	22.46 1.40 -4.39	33.80 0.38 -29.03	28.73 1.06 -15.70	35.60 0.45 -30.02	27.64 2.04 -1.73
FPL_FAR_ROCK_GT2 23815	31.42 1.83 0.00	28.84 1.64 0.00	27.83 1.38 0.00	26.88 1.44 0.00	27.66 1.47 0.00	27.08 1.50 0.00	26.91 1.69 0.00	30.27 2.03 0.00	37.35 2.84 0.00	30.35 2.10 -3.66	25.64 0.35 -21.37	21.47 0.16 -19.31	26.90 1.48 -7.78	30.27 0.14 -28.40	30.50 0.03 -30.20	35.83 0.96 -24.62	46.13 2.97 -5.52	46.36 3.31 -1.85	36.21 2.25 -8.17	22.46 1.40 -4.39	33.80 0.38 -29.03	28.73 1.06 -15.70	35.60 0.45 -30.02	27.64 2.04 -1.73
FRANKLIN_FALL_HYD 24054	29.48 -0.11 0.00	27.03 -0.16 0.00	26.45 0.01 0.00	25.48 0.05 0.00	26.18 0.00 0.00	25.81 0.23 0.00	25.34 0.11 0.00	28.66 0.42 0.00	35.01 0.50 0.00	25.46 0.71 -0.15	4.91 0.09 -0.89	2.79 -0.02 -0.81	17.97 0.00 -0.33	2.95 0.02 -1.19	1.55 0.02 -1.27	11.36 0.08 -1.03	39.18 1.31 -0.23	41.64 0.36 -0.08	26.09 -0.04 -0.34	16.56 -0.28 -0.18	5.46 -0.13 -1.20	12.18 -0.44 -0.65	6.32 -0.06 -1.24	23.53 -0.41 -0.07
FREEPORT_EQUS_GT1 23764	31.23 1.64 0.00	28.64 1.44 0.00	27.64 1.20 0.00	26.69 1.26 0.00	27.47 1.28 0.00	26.88 1.31 0.00	26.73 1.50 0.00	30.08 1.84 0.00	37.13 2.62 0.00	30.20 1.95 -3.66	25.62 0.32 -21.37	21.46 0.14 -19.31	26.76 1.33 -7.78	30.26 0.12 -28.40	30.50 0.02 -30.20	35.75 0.87 -24.62	45.90 2.74 -5.52	46.12 3.07 -1.85	36.04 2.08 -8.17	22.35 1.29 -4.39	33.77 0.35 -29.03	28.65 0.98 -15.70	35.56 0.42 -30.02	27.49 1.90 -1.73

FREEPORT___CT2 23818	31.23 1.64 0.00	28.64 1.44 0.00	27.64 1.20 0.00	26.69 1.26 0.00	27.47 1.28 0.00	26.88 1.31 0.00	26.73 1.50 0.00	30.08 1.84 0.00	37.13 2.62 0.00	30.20 1.95 -3.66	25.62 0.32 -21.37	21.46 0.14 -19.31	26.76 1.33 -7.78	30.26 0.12 -28.40	30.50 0.02 -30.20	35.75 0.87 -24.62	45.90 2.74 -5.52	46.12 3.07 -1.85	36.04 2.08 -8.17	22.35 1.29 -4.39	33.77 0.35 -29.03	28.65 0.98 -15.70	35.56 0.42 -30.02	27.49 1.90 -1.73
FRESHKLS_33_KV_LOAD 356253	30.97 1.38 0.00	28.34 1.15 0.00	27.52 1.07 0.00	26.75 1.31 0.00	27.64 1.45 0.00	27.00 1.43 0.00	26.86 1.63 0.00	30.24 2.00 0.00	37.01 2.50 0.00	30.08 1.83 -3.66	25.56 0.27 -21.37	21.43 0.12 -19.31	26.44 1.02 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.56 0.69 -24.62	44.26 2.27 -4.34	45.75 2.69 -1.85	35.82 1.85 -8.17	22.21 1.16 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.37 -30.01	27.14 1.54 -1.73
FULTON COGEN____ 23766	29.27 -0.32 0.00	26.90 -0.30 0.00	26.14 -0.30 0.00	25.14 -0.30 0.00	25.90 -0.30 0.00	25.25 -0.32 0.00	24.85 -0.37 0.00	27.78 -0.47 0.00	33.88 -0.63 0.00	24.76 -0.49 -0.65	7.66 -0.08 -3.81	5.42 -0.03 -3.44	18.71 -0.32 -1.39	6.77 -0.03 -5.06	5.65 -0.01 -5.38	14.44 -0.20 -4.39	37.84 -0.78 -0.98	40.77 -0.77 -0.33	26.77 -0.47 -1.45	17.15 -0.28 -0.77	9.44 -0.07 -5.12	14.56 -0.18 -2.77	10.34 -0.08 -5.29	23.84 -0.34 -0.30
FULTON___LFGE 323630	31.40 1.81 0.00	28.82 1.62 0.00	27.91 1.47 0.00	26.90 1.47 0.00	27.75 1.55 0.00	27.13 1.55 0.00	26.77 1.55 0.00	30.18 1.93 0.00	36.23 1.72 0.00	30.34 0.51 -5.23	34.53 0.05 -30.55	29.63 0.03 -27.60	28.94 0.17 -11.13	42.34 0.01 -40.59	43.44 0.01 -43.17	46.18 0.73 -35.19	48.45 2.93 -7.88	47.07 3.22 -2.65	39.46 1.98 -11.68	24.18 1.25 -6.28	46.16 0.31 -41.45	35.22 0.83 -22.41	48.36 0.37 -42.86	27.94 1.60 -2.47
G.F.CEMENT___DRP 24184	31.10 1.51 0.00	28.72 1.53 0.00	27.93 1.49 0.00	26.90 1.46 0.00	27.69 1.50 0.00	27.19 1.61 0.00	26.98 1.75 0.00	30.14 1.89 0.00	37.00 2.49 0.00	30.95 1.85 -4.51	30.56 0.29 -26.34	25.95 0.15 -23.80	28.51 1.28 -9.59	36.86 0.12 -35.00	37.52 0.02 -37.22	41.31 0.71 -30.35	47.10 2.66 -6.80	46.18 2.69 -2.28	37.46 1.60 -10.07	23.13 1.05 -5.41	40.42 0.28 -35.75	32.06 0.76 -19.33	42.43 0.34 -36.96	27.65 1.65 -2.13
GARDENVILLE___LBMP 24039	29.82 0.23 0.00	27.61 0.41 0.00	26.77 0.32 0.00	25.68 0.24 0.00	26.41 0.22 0.00	25.71 0.13 0.00	24.99 -0.24 0.00	28.01 -0.23 0.00	34.04 -0.47 0.00	25.05 -0.53 -0.98	9.54 -0.10 -5.71	7.13 -0.03 -5.16	19.34 -0.38 -2.08	9.27 -0.05 -7.59	8.32 -0.02 -8.07	16.30 -0.52 -6.58	37.35 -1.76 -1.47	39.96 -1.73 -0.49	26.57 -1.34 -2.11	16.75 -0.99 -1.07	11.23 -0.25 -7.09	15.16 -0.65 -3.83	12.15 -0.31 -7.33	23.28 -1.01 -0.42
GARDNVLA_35_KV_LD 355827	29.94 0.35 0.00	27.72 0.52 0.00	26.88 0.43 0.00	25.78 0.34 0.00	26.51 0.32 0.00	25.80 0.22 0.00	25.08 -0.14 0.00	28.12 -0.12 0.00	34.18 -0.33 0.00	25.14 -0.43 -0.98	9.55 -0.08 -5.71	7.14 -0.02 -5.16	19.42 -0.31 -2.08	9.28 -0.05 -7.58	8.32 -0.02 -8.07	16.35 -0.48 -6.58	37.51 -1.60 -1.47	40.15 -1.54 -0.49	26.68 -1.23 -2.11	16.82 -0.91 -1.07	11.25 -0.23 -7.08	15.21 -0.60 -3.83	12.16 -0.29 -7.33	23.37 -0.92 -0.42
GELCKHM___115KV_LOAD 80723	29.46 -0.13 0.00	27.08 -0.12 0.00	26.31 -0.13 0.00	25.29 -0.14 0.00	26.07 -0.12 0.00	25.43 -0.15 0.00	25.02 -0.20 0.00	27.97 -0.27 0.00	34.11 -0.41 0.00	24.97 -0.34 -0.71	8.02 -0.05 -4.15	5.74 -0.02 -3.75	18.95 -0.21 -1.51	7.23 -0.02 -5.52	6.13 -0.01 -5.87	14.90 -0.14 -4.79	38.14 -0.57 -1.07	41.01 -0.55 -0.36	27.03 -0.34 -1.58	17.31 -0.19 -0.84	9.91 -0.05 -5.57	14.87 -0.11 -3.01	10.84 -0.05 -5.76	24.00 -0.20 -0.33
GENERAL___MILLS 23808	29.90 0.31 0.00	27.69 0.49 0.00	26.85 0.40 0.00	25.75 0.32 0.00	26.48 0.29 0.00	25.77 0.19 0.00	25.05 -0.18 0.00	28.09 -0.15 0.00	34.14 -0.37 0.00	25.12 -0.46 -0.98	9.54 -0.09 -5.71	7.14 -0.03 -5.16	19.39 -0.33 -2.08	9.27 -0.05 -7.58	8.32 -0.02 -8.07	16.33 -0.50 -6.58	37.46 -1.65 -1.47	40.09 -1.60 -0.49	26.65 -1.26 -2.11	16.79 -0.94 -1.07	11.24 -0.23 -7.08	15.19 -0.61 -3.83	12.16 -0.30 -7.33	23.34 -0.96 -0.42
GE_PLASTICS___DRP 24183	29.93 0.34 0.00	27.55 0.35 0.00	26.81 0.36 0.00	25.79 0.36 0.00	26.54 0.35 0.00	26.00 0.42 0.00	25.69 0.47 0.00	28.73 0.49 0.00	35.19 0.68 0.00	29.47 0.51 -4.36	29.49 0.08 -25.48	25.07 0.05 -23.02	27.31 0.39 -9.28	35.63 0.04 -33.86	36.28 0.01 -36.01	39.84 0.23 -29.36	45.06 0.84 -6.58	44.30 0.90 -2.21	36.13 0.60 -9.74	22.31 0.42 -5.24	39.08 0.10 -34.59	30.95 0.28 -18.70	41.00 0.11 -35.76	26.42 0.49 -2.06
GILBOA___1 23756	30.23 0.64 0.00	27.81 0.60 0.00	27.04 0.59 0.00	26.01 0.57 0.00	26.76 0.57 0.00	26.07 0.49 0.00	25.78 0.55 0.00	28.89 0.64 0.00	35.38 0.86 0.00	28.82 0.59 -3.63	25.22 0.10 -21.20	21.21 0.05 -19.15	25.83 0.46 -7.72	29.96 0.05 -28.17	30.24 0.01 -29.96	34.92 0.25 -24.43	43.89 0.78 -5.47	43.96 0.93 -1.84	34.59 0.69 -8.11	21.47 0.45 -4.36	33.32 0.12 -28.81	27.88 0.32 -15.58	35.05 0.13 -29.79	26.17 0.59 -1.71
GILBOA___2 23757	30.23 0.64 0.00	27.81 0.60 0.00	27.04 0.59 0.00	26.01 0.57 0.00	26.76 0.57 0.00	26.07 0.49 0.00	25.78 0.55 0.00	28.89 0.64 0.00	35.38 0.86 0.00	28.82 0.59 -3.63	25.22 0.10 -21.20	21.21 0.05 -19.15	25.83 0.46 -7.72	29.96 0.05 -28.17	30.24 0.01 -29.96	34.92 0.25 -24.43	43.89 0.78 -5.47	43.96 0.93 -1.84	34.59 0.69 -8.11	21.47 0.45 -4.36	33.32 0.12 -28.81	27.88 0.32 -15.58	35.05 0.13 -29.79	26.17 0.59 -1.71
GILBOA___3 23758	30.23 0.64 0.00	27.81 0.60 0.00	27.04 0.59 0.00	26.01 0.57 0.00	26.76 0.57 0.00	26.07 0.49 0.00	25.78 0.55 0.00	28.89 0.64 0.00	35.38 0.86 0.00	28.82 0.59 -3.63	25.22 0.10 -21.20	21.21 0.05 -19.15	25.83 0.46 -7.72	29.96 0.05 -28.17	30.24 0.01 -29.96	34.92 0.25 -24.43	43.89 0.78 -5.47	43.96 0.93 -1.84	34.59 0.69 -8.11	21.47 0.45 -4.36	33.32 0.12 -28.81	27.88 0.32 -15.58	35.05 0.13 -29.79	26.17 0.59 -1.71
GILBOA___4 23759	30.23 0.64 0.00	27.81 0.60 0.00	27.04 0.59 0.00	26.01 0.57 0.00	26.76 0.57 0.00	26.07 0.49 0.00	25.78 0.55 0.00	28.89 0.64 0.00	35.38 0.86 0.00	28.82 0.59 -3.63	25.22 0.10 -21.20	21.21 0.05 -19.15	25.83 0.46 -7.72	29.96 0.05 -28.17	30.24 0.01 -29.96	34.92 0.25 -24.43	43.89 0.78 -5.47	43.96 0.93 -1.84	34.59 0.69 -8.11	21.47 0.45 -4.36	33.32 0.12 -28.81	27.88 0.32 -15.58	35.05 0.13 -29.79	26.17 0.59 -1.71
GILBOA____ 23599	30.23 0.64 0.00	27.80 0.60 0.00	27.04 0.59 0.00	26.01 0.57 0.00	26.76 0.57 0.00	26.07 0.50 0.00	25.78 0.55 0.00	28.89 0.64 0.00	35.38 0.87 0.00	28.82 0.59 -3.63	25.22 0.10 -21.20	21.21 0.05 -19.15	25.83 0.46 -7.72	29.96 0.05 -28.17	30.24 0.01 -29.96	34.92 0.24 -24.43	43.89 0.78 -5.47	43.96 0.93 -1.84	34.59 0.69 -8.11	21.47 0.45 -4.36	33.32 0.12 -28.81	27.88 0.32 -15.58	35.05 0.13 -29.79	26.17 0.59 -1.71

GINNA____ 23603	28.30 -1.29 0.00	26.12 -1.08 0.00	25.35 -1.10 0.00	24.35 -1.08 0.00	25.06 -1.13 0.00	24.46 -1.11 0.00	23.96 -1.27 0.00	26.81 -1.43 0.00	32.59 -1.93 0.00	23.97 -1.45 -0.82	8.49 -0.22 -4.79	6.22 -0.12 -4.33	18.31 -1.08 -1.75	7.99 -0.11 -6.37	7.02 -0.02 -6.77	15.08 -0.69 -5.52	36.47 -2.41 -1.24	39.07 -2.55 -0.42	25.91 -1.69 -1.80	16.47 -1.13 -0.94	10.29 -0.30 -6.20	14.53 -0.79 -3.35	11.19 -0.35 -6.41	22.74 -1.50 -0.37
GLEN PARK____ 23778	29.68 0.10 0.00	27.04 -0.16 0.00	26.36 -0.09 0.00	25.54 0.10 0.00	26.44 0.25 0.00	25.78 0.21 0.00	25.50 0.27 0.00	28.77 0.53 0.00	34.71 0.19 0.00	24.77 -0.31 -0.49	6.67 -0.09 -2.84	4.50 -0.07 -2.57	18.12 -0.56 -1.04	5.46 -0.05 -3.77	4.28 -0.01 -4.01	13.43 -0.09 -3.27	38.96 0.59 -0.73	42.08 0.63 -0.25	26.84 -0.03 -1.08	17.16 -0.07 -0.58	8.18 -0.03 -3.82	13.75 -0.29 -2.06	8.90 -0.17 -3.95	23.36 -0.74 -0.23
GLENDALE_27_KV_LOAD 356172	31.04 1.45 0.00	28.45 1.25 0.00	27.63 1.19 0.00	26.59 1.16 0.00	27.36 1.17 0.00	26.74 1.16 0.00	26.59 1.36 0.00	29.94 1.70 0.00	36.73 2.22 0.00	29.89 1.63 -3.66	25.55 0.26 -21.37	21.45 0.14 -19.31	26.60 1.17 -7.78	30.25 0.12 -28.39	30.49 0.02 -30.20	35.62 0.75 -24.62	45.79 2.64 -5.52	46.07 3.02 -1.85	35.90 1.93 -8.17	22.25 1.20 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.18 1.58 -1.73
GLENWOOD_IC_1_G5 23712	31.20 1.60 0.00	28.62 1.42 0.00	27.57 1.13 0.00	26.57 1.14 0.00	27.34 1.15 0.00	26.73 1.15 0.00	26.57 1.34 0.00	29.88 1.64 0.00	36.79 2.28 0.00	29.94 1.69 -3.66	25.57 0.27 -21.37	21.45 0.13 -19.31	26.62 1.19 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.64 0.77 -24.62	45.77 2.61 -5.52	45.92 2.87 -1.85	35.86 1.89 -8.17	22.23 1.17 -4.39	33.74 0.32 -29.03	28.55 0.87 -15.70	35.51 0.37 -30.02	27.24 1.64 -1.73
GLENWOOD_IC_2_G1 23688	31.14 1.55 0.00	28.57 1.37 0.00	27.51 1.06 0.00	26.49 1.06 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.46 1.24 0.00	29.77 1.53 0.00	36.61 2.10 0.00	29.80 1.55 -3.66	25.55 0.25 -21.37	21.44 0.12 -19.31	26.53 1.10 -7.78	30.24 0.11 -28.40	30.49 0.02 -30.20	35.59 0.72 -24.62	45.57 2.42 -5.52	45.75 2.70 -1.85	35.74 1.77 -8.17	22.15 1.09 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.70	35.49 0.34 -30.02	27.12 1.52 -1.73
GLENWOOD_IC_3_G1 23689	31.14 1.55 0.00	28.57 1.37 0.00	27.51 1.06 0.00	26.49 1.06 0.00	27.25 1.06 0.00	26.64 1.06 0.00	26.46 1.24 0.00	29.77 1.53 0.00	36.61 2.10 0.00	29.80 1.55 -3.66	25.55 0.25 -21.37	21.44 0.12 -19.31	26.53 1.10 -7.78	30.24 0.11 -28.40	30.49 0.02 -30.20	35.59 0.72 -24.62	45.57 2.42 -5.52	45.75 2.70 -1.85	35.74 1.77 -8.17	22.15 1.09 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.70	35.49 0.34 -30.02	27.12 1.52 -1.73
GLENWOOD____4 23550	31.20 1.60 0.00	28.62 1.42 0.00	27.57 1.13 0.00	26.57 1.14 0.00	27.34 1.15 0.00	26.73 1.15 0.00	26.57 1.34 0.00	29.88 1.64 0.00	36.79 2.28 0.00	29.94 1.69 -3.66	25.57 0.27 -21.37	21.45 0.13 -19.31	26.62 1.19 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.64 0.77 -24.62	45.77 2.61 -5.52	45.92 2.87 -1.85	35.86 1.89 -8.17	22.23 1.17 -4.39	33.74 0.32 -29.03	28.55 0.87 -15.70	35.51 0.37 -30.02	27.24 1.64 -1.73
GLENWOOD____5 23614	31.20 1.60 0.00	28.62 1.42 0.00	27.57 1.13 0.00	26.57 1.14 0.00	27.34 1.15 0.00	26.73 1.15 0.00	26.57 1.34 0.00	29.88 1.64 0.00	36.79 2.28 0.00	29.94 1.69 -3.66	25.57 0.27 -21.37	21.45 0.13 -19.31	26.62 1.19 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.64 0.77 -24.62	45.77 2.61 -5.52	45.92 2.87 -1.85	35.86 1.89 -8.17	22.23 1.17 -4.39	33.74 0.32 -29.03	28.55 0.87 -15.70	35.51 0.37 -30.02	27.24 1.64 -1.73
GLOBAL GREEN_PORT_GT1 23814	32.27 2.68 0.00	29.54 2.34 0.00	28.52 2.08 0.00	27.51 2.08 0.00	28.33 2.13 0.00	27.76 2.18 0.00	27.66 2.44 0.00	31.16 2.92 0.00	38.67 4.16 0.00	31.26 3.00 -3.67	33.27 0.50 -28.85	21.54 0.22 -19.31	27.42 1.99 -7.78	30.32 0.18 -28.40	30.51 0.04 -30.20	39.92 1.35 -28.32	395.85 4.47 -353.74	147.59 4.83 -101.56	161.23 3.23 -132.21	120.82 2.05 -102.10	228.42 0.54 -223.49	353.07 1.50 -339.59	152.07 0.63 -146.31	28.52 2.92 -1.73
GLOBE____DSASP 323697	28.94 -0.65 0.00	26.87 -0.32 0.00	26.04 -0.41 0.00	24.99 -0.44 0.00	25.67 -0.52 0.00	24.95 -0.63 0.00	24.15 -1.07 0.00	27.03 -1.21 0.00	32.77 -1.74 0.00	24.18 -1.36 -0.94	9.18 -0.20 -5.47	6.86 -0.09 -4.94	18.64 -0.99 -1.99	8.88 -0.13 -7.27	7.97 -0.03 -7.73	15.66 -0.89 -6.30	36.02 -3.03 -1.41	38.45 -3.23 -0.47	25.65 -2.17 -2.03	16.21 -1.48 -1.04	10.85 -0.39 -6.85	14.65 -1.03 -3.70	11.76 -0.45 -7.08	22.60 -1.68 -0.41
GOETHSLN____LBMP 323567	30.75 1.16 0.00	28.20 1.00 0.00	27.40 0.95 0.00	26.34 0.91 0.00	27.08 0.89 0.00	26.46 0.88 0.00	26.29 1.07 0.00	29.59 1.35 0.00	36.28 1.77 0.00	29.55 1.30 -3.66	25.49 0.20 -21.37	21.42 0.11 -19.30	26.37 0.94 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.49 0.62 -24.62	45.34 2.19 -5.52	45.58 2.53 -1.85	35.60 1.63 -8.17	22.05 1.00 -4.39	33.70 0.28 -29.03	28.42 0.76 -15.69	35.45 0.31 -30.01	26.99 1.39 -1.73
GOLAH____69_KV_TB 1_2 80279	29.91 0.33 0.00	27.72 0.52 0.00	26.92 0.48 0.00	25.87 0.44 0.00	26.61 0.42 0.00	25.97 0.39 0.00	25.40 0.17 0.00	28.41 0.17 0.00	34.39 -0.12 0.00	25.21 -0.23 -0.83	8.77 -0.03 -4.88	6.40 -0.02 -4.41	19.21 -0.21 -1.78	8.19 -0.03 -6.48	7.15 -0.01 -6.89	15.63 -0.24 -5.62	38.22 -0.68 -1.26	41.07 -0.55 -0.42	27.18 -0.44 -1.83	17.27 -0.34 -0.95	10.57 -0.09 -6.27	15.14 -0.22 -3.39	11.51 -0.11 -6.48	23.91 -0.33 -0.37
GOODYEAR_LAKE_HYD 323669	30.78 1.19 0.00	28.21 1.02 0.00	27.42 0.97 0.00	26.35 0.92 0.00	27.12 0.93 0.00	26.46 0.88 0.00	26.14 0.91 0.00	29.39 1.15 0.00	35.90 1.39 0.00	26.79 0.89 -1.31	11.70 0.13 -7.65	8.99 0.07 -6.91	21.02 0.59 -2.78	11.96 0.06 -10.16	11.09 0.01 -10.81	19.46 0.40 -8.81	41.11 1.49 -1.97	43.70 1.84 -0.66	29.93 1.21 -2.93	18.98 0.74 -1.58	15.02 0.20 -10.44	18.14 0.51 -5.64	16.14 0.21 -10.79	25.42 0.92 -0.62
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.02 0.43 0.00	27.55 0.36 0.00	26.79 0.35 0.00	25.72 0.29 0.00	26.50 0.31 0.00	25.85 0.27 0.00	25.47 0.25 0.00	28.56 0.32 0.00	34.89 0.38 0.00	26.33 0.16 -1.57	13.10 0.01 -9.17	10.31 0.01 -8.29	21.13 0.15 -3.34	13.94 0.01 -12.19	13.23 0.00 -12.96	20.89 0.07 -10.57	40.21 0.20 -2.37	42.38 0.38 -0.79	29.53 0.24 -3.50	18.70 0.16 -1.88	16.83 0.05 -12.39	18.82 0.15 -6.70	17.99 0.05 -12.81	24.90 0.29 -0.74
GOUDEY____7 23579	30.04 0.45 0.00	27.57 0.38 0.00	26.81 0.36 0.00	25.74 0.31 0.00	26.53 0.33 0.00	25.87 0.29 0.00	25.50 0.27 0.00	28.59 0.34 0.00	34.91 0.40 0.00	26.34 0.18 -1.57	13.11 0.02 -9.17	10.31 0.02 -8.29	21.15 0.17 -3.34	13.94 0.02 -12.19	13.23 0.00 -12.96	20.89 0.08 -10.57	40.24 0.24 -2.37	42.41 0.42 -0.79	29.56 0.26 -3.50	18.72 0.18 -1.88	16.84 0.06 -12.39	18.83 0.16 -6.70	17.99 0.05 -12.81	24.91 0.31 -0.74

GOUDEY___8 23580	30.02 0.43 0.00	27.55 0.36 0.00	26.79 0.35 0.00	25.72 0.29 0.00	26.50 0.31 0.00	25.85 0.27 0.00	25.47 0.25 0.00	28.56 0.32 0.00	34.89 0.38 0.00	26.33 0.16 -1.57	13.10 0.01 -9.17	10.31 0.01 -8.29	21.13 0.15 -3.34	13.94 0.01 -12.19	13.23 0.00 -12.96	20.89 0.07 -10.57	40.21 0.20 -2.37	42.38 0.38 -0.79	29.53 0.24 -3.50	18.70 0.16 -1.88	16.83 0.05 -12.39	18.82 0.15 -6.70	17.99 0.05 -12.81	24.90 0.29 -0.74
GOWANUS_GT1_1 24077	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT1_2 24078	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT1_3 24079	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT1_4 24080	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT1_5 24084	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT1_6 24111	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT1_7 24112	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT1_8 24113	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT2_1 24114	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT2_2 24115	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT2_3 24116	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT2_4 24117	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT2_5 24118	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT2_6 24119	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73

GOWANUS_GT2_7 24120	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT2_8 24121	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT3_1 24122	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT3_2 24123	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT3_3 24124	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT3_4 24125	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT3_5 24126	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT3_6 24127	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT3_7 24128	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT3_8 24129	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT4_1 24130	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT4_2 24131	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT4_3 24132	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT4_4 24133	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT4_5 24134	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73

GOWANUS_GT4_6 24135	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT4_7 24136	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GOWANUS_GT4_8 24137	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GREENBSH_115KV_TB3 55895	29.75 0.16 0.00	27.39 0.19 0.00	26.65 0.20 0.00	25.65 0.21 0.00	26.40 0.20 0.00	25.90 0.32 0.00	25.59 0.37 0.00	28.57 0.33 0.00	35.01 0.49 0.00	29.37 0.39 -4.37	29.56 0.07 -25.57	25.14 0.04 -23.10	27.26 0.31 -9.31	35.74 0.03 -33.97	36.41 0.01 -36.13	39.90 0.19 -29.46	44.94 0.70 -6.60	44.12 0.70 -2.22	36.05 0.48 -9.78	22.27 0.36 -5.26	39.18 0.08 -34.71	30.96 0.22 -18.76	41.10 0.08 -35.88	26.31 0.37 -2.07
GREENDGE_115KV_TB5 80291	30.04 0.45 0.00	27.64 0.44 0.00	26.83 0.38 0.00	25.80 0.37 0.00	26.62 0.43 0.00	26.00 0.42 0.00	25.57 0.34 0.00	28.71 0.46 0.00	34.89 0.38 0.00	25.76 0.08 -1.08	10.23 0.00 -6.32	7.72 0.01 -5.71	19.96 0.02 -2.30	10.13 0.00 -8.39	9.20 0.00 -8.93	17.47 -0.06 -7.28	39.09 -0.18 -1.63	41.77 0.03 -0.55	27.96 -0.18 -2.34	17.65 -0.21 -1.20	12.24 -0.04 -7.89	16.14 -0.10 -4.27	13.21 -0.08 -8.16	24.22 -0.12 -0.47
GREENIDGE___3 23582	30.04 0.45 0.00	27.64 0.44 0.00	26.83 0.38 0.00	25.80 0.37 0.00	26.62 0.43 0.00	26.00 0.42 0.00	25.57 0.34 0.00	28.71 0.46 0.00	34.89 0.38 0.00	25.76 0.08 -1.08	10.23 0.00 -6.32	7.72 0.01 -5.71	19.96 0.02 -2.30	10.13 0.00 -8.39	9.20 0.00 -8.93	17.47 -0.06 -7.28	39.09 -0.18 -1.63	41.77 0.03 -0.55	27.96 -0.18 -2.34	17.65 -0.21 -1.20	12.24 -0.04 -7.89	16.14 -0.10 -4.27	13.21 -0.08 -8.16	24.22 -0.12 -0.47
GREENIDGE___4 23583	30.04 0.45 0.00	27.64 0.44 0.00	26.83 0.38 0.00	25.80 0.37 0.00	26.62 0.43 0.00	26.01 0.43 0.00	25.57 0.35 0.00	28.71 0.46 0.00	34.89 0.38 0.00	25.76 0.08 -1.08	10.23 0.00 -6.32	7.72 0.01 -5.71	19.96 0.02 -2.30	10.13 0.00 -8.39	9.20 0.00 -8.93	17.47 -0.06 -7.28	39.09 -0.18 -1.63	41.77 0.02 -0.55	27.97 -0.17 -2.34	17.65 -0.21 -1.20	12.24 -0.04 -7.89	16.14 -0.10 -4.27	13.21 -0.08 -8.16	24.21 -0.13 -0.47
GREENLWN_69_KV_BK 3 55738	31.05 1.46 0.00	28.51 1.31 0.00	27.52 1.07 0.00	26.58 1.15 0.00	27.34 1.15 0.00	26.77 1.19 0.00	26.60 1.37 0.00	29.91 1.67 0.00	36.93 2.42 0.00	30.07 1.82 -3.65	24.64 0.32 -20.40	21.45 0.14 -19.31	26.70 1.27 -7.78	30.25 0.12 -28.40	30.50 0.03 -30.20	35.24 0.85 -24.14	0.27 2.71 40.07	32.70 2.70 11.20	19.63 1.90 8.06	9.49 1.22 8.40	8.28 0.32 -3.57	-13.79 0.94 26.71	20.32 0.40 -14.79	27.37 1.77 -1.73
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.76 1.18 0.00	26.61 1.39 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.26 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.72 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
GRISSOM___SOLAR 323813	31.40 1.81 0.00	28.82 1.62 0.00	27.91 1.47 0.00	26.90 1.47 0.00	27.75 1.55 0.00	27.13 1.55 0.00	26.77 1.55 0.00	30.18 1.93 0.00	36.23 1.72 0.00	30.34 0.51 -5.23	34.53 0.05 -30.55	29.63 0.03 -27.60	28.94 0.17 -11.13	42.34 0.01 -40.59	43.44 0.01 -43.17	46.18 0.73 -35.19	48.45 2.93 -7.88	47.07 3.22 -2.65	39.46 1.98 -11.68	24.18 1.25 -6.28	46.16 0.31 -41.45	35.22 0.83 -22.41	48.36 0.37 -42.86	27.94 1.60 -2.47
GROVEVILLE___HYD 323602	30.93 1.34 0.00	28.39 1.19 0.00	27.59 1.15 0.00	26.53 1.09 0.00	27.29 1.10 0.00	26.69 1.12 0.00	26.48 1.26 0.00	29.77 1.53 0.00	36.54 2.03 0.00	29.72 1.47 -3.65	25.50 0.23 -21.36	21.41 0.12 -19.29	26.44 1.03 -7.78	30.21 0.10 -28.37	30.46 0.02 -30.17	35.52 0.67 -24.60	45.57 2.43 -5.51	45.83 2.78 -1.85	35.70 1.74 -8.17	22.12 1.07 -4.39	33.69 0.29 -29.00	28.43 0.77 -15.68	35.44 0.32 -29.99	27.01 1.41 -1.73
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.66 0.07 0.00	27.25 0.05 0.00	26.48 0.04 0.00	25.46 0.03 0.00	26.25 0.06 0.00	25.61 0.03 0.00	25.21 -0.01 0.00	28.18 -0.07 0.00	34.35 -0.16 0.00	25.17 -0.17 -0.74	8.23 -0.03 -4.34	5.92 -0.01 -3.92	19.13 -0.09 -1.58	7.50 -0.01 -5.77	6.41 0.00 -6.14	15.19 -0.06 -5.00	38.48 -0.29 -1.12	41.35 -0.23 -0.38	27.31 -0.14 -1.65	17.48 -0.06 -0.88	10.19 -0.01 -5.81	15.10 -0.02 -3.14	11.12 -0.01 -6.01	24.18 -0.03 -0.35
HAMLTNNY_34_KV_TB 80303	29.71 0.13 0.00	27.29 0.09 0.00	26.51 0.07 0.00	25.48 0.05 0.00	26.30 0.11 0.00	25.65 0.07 0.00	25.25 0.02 0.00	28.21 -0.03 0.00	34.38 -0.13 0.00	25.20 -0.17 -0.77	8.38 -0.03 -4.49	6.05 -0.01 -4.06	19.19 -0.09 -1.64	7.69 -0.01 -5.96	6.61 0.00 -6.34	15.36 -0.06 -5.17	38.54 -0.26 -1.16	41.42 -0.17 -0.39	27.39 -0.11 -1.71	17.52 -0.05 -0.91	10.37 -0.01 -5.99	15.20 0.00 -3.24	11.31 -0.01 -6.19	24.21 -0.02 -0.36
HAMPSHIRE___PAPER_HYD 323593	29.18 -0.41 0.00	26.62 -0.58 0.00	25.97 -0.48 0.00	25.06 -0.37 0.00	25.87 -0.32 0.00	25.37 -0.20 0.00	25.02 -0.20 0.00	28.26 0.02 0.00	34.34 -0.17 0.00	24.77 -0.08 -0.25	5.33 -0.04 -1.45	3.26 -0.05 -1.31	17.80 -0.37 -0.53	3.64 -0.02 -1.93	2.32 0.00 -2.05	11.83 -0.09 -1.67	38.45 0.44 -0.37	41.11 -0.22 -0.12	25.94 -0.41 -0.55	16.52 -0.43 -0.29	6.18 -0.16 -1.95	12.46 -0.56 -1.05	6.95 -0.19 -2.01	23.07 -0.92 -0.12
HARDSCRABBLE_WT_PWR 323673	29.56 -0.03 0.00	27.06 -0.13 0.00	26.33 -0.11 0.00	25.34 -0.10 0.00	26.10 -0.10 0.00	25.43 -0.14 0.00	25.24 0.01 0.00	28.46 0.22 0.00	34.81 0.30 0.00	24.78 0.07 -0.11	4.57 0.00 -0.65	2.57 -0.02 -0.59	17.68 -0.20 -0.24	2.58 -0.02 -0.87	1.20 0.00 -0.92	11.11 0.11 -0.75	38.40 0.60 -0.17	42.04 0.78 -0.06	26.53 0.49 -0.25	17.20 0.41 -0.13	5.39 0.12 -0.88	12.75 0.31 -0.47	6.14 0.11 -0.91	24.23 0.30 -0.05

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.85 1.26 0.00	28.30 1.10 0.00	27.49 1.05 0.00	26.44 1.00 0.00	27.20 1.01 0.00	26.58 1.00 0.00	26.32 1.09 0.00	29.58 1.33 0.00	36.29 1.78 0.00	29.27 1.28 -3.39	23.94 0.20 -19.82	20.01 0.10 -17.90	25.75 0.89 -7.22	28.16 0.09 -26.33	28.29 0.01 -28.01	33.69 0.61 -22.84	44.90 2.14 -5.12	45.41 2.50 -1.72	34.92 1.54 -7.58	21.67 0.93 -4.08	31.58 0.25 -26.93	27.21 0.68 -14.56	33.25 0.28 -27.84	26.72 1.24 -1.60
HARSNRAD_115KV_TB1 81005	29.44 -0.15 0.00	27.31 0.12 0.00	26.46 0.01 0.00	25.39 -0.05 0.00	26.09 -0.10 0.00	25.38 -0.19 0.00	24.58 -0.65 0.00	27.52 -0.72 0.00	33.38 -1.13 0.00	24.57 -0.97 -0.93	9.21 -0.16 -5.45	6.86 -0.07 -4.92	18.90 -0.72 -1.98	8.88 -0.09 -7.24	7.94 -0.02 -7.70	15.80 -0.72 -6.27	36.64 -2.41 -1.41	39.20 -2.47 -0.47	26.10 -1.72 -2.02	16.49 -1.21 -1.03	10.90 -0.31 -6.82	14.84 -0.83 -3.69	11.81 -0.38 -7.06	22.96 -1.32 -0.41
HARZA MOOSE__RIVER 24016	29.75 0.16 0.00	27.19 -0.01 0.00	26.47 0.02 0.00	25.54 0.11 0.00	26.41 0.21 0.00	25.82 0.24 0.00	25.51 0.29 0.00	28.73 0.48 0.00	34.95 0.43 0.00	25.06 0.19 -0.27	5.52 0.00 -1.59	3.43 -0.01 -1.44	18.13 -0.09 -0.58	3.85 0.00 -2.12	2.53 0.00 -2.25	12.17 0.08 -1.84	38.81 0.76 -0.41	42.00 0.66 -0.14	26.58 0.18 -0.61	17.03 0.04 -0.32	6.52 -0.01 -2.14	12.99 -0.15 -1.16	7.26 -0.09 -2.22	23.62 -0.38 -0.13
HDSNBRDG_115KV_BRDG_TB1 355580	29.48 -0.11 0.00	27.10 -0.10 0.00	26.33 -0.11 0.00	25.31 -0.12 0.00	26.08 -0.11 0.00	25.44 -0.14 0.00	25.03 -0.19 0.00	27.99 -0.25 0.00	34.12 -0.39 0.00	24.98 -0.32 -0.70	7.99 -0.05 -4.12	5.71 -0.02 -3.73	18.95 -0.20 -1.50	7.19 -0.02 -5.48	6.09 0.00 -5.83	14.87 -0.14 -4.75	38.12 -0.59 -1.07	40.96 -0.60 -0.36	27.00 -0.36 -1.57	17.31 -0.19 -0.84	9.89 -0.04 -5.55	14.87 -0.10 -3.00	10.82 -0.05 -5.74	24.02 -0.18 -0.33
HELLGATE_13_KV_LD 55870	30.93 1.34 0.00	28.34 1.15 0.00	27.54 1.09 0.00	26.50 1.07 0.00	27.28 1.09 0.00	26.66 1.08 0.00	26.49 1.27 0.00	29.84 1.59 0.00	36.59 2.08 0.00	29.79 1.53 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.52 1.09 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.64 2.49 -5.52	45.89 2.84 -1.85	35.78 1.82 -8.17	22.18 1.12 -4.39	33.72 0.31 -29.03	28.49 0.82 -15.69	35.48 0.34 -30.01	27.08 1.48 -1.73
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.93 1.34 0.00	28.34 1.15 0.00	27.54 1.09 0.00	26.50 1.07 0.00	27.28 1.09 0.00	26.66 1.08 0.00	26.49 1.27 0.00	29.84 1.59 0.00	36.59 2.08 0.00	29.79 1.53 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.31	26.52 1.09 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.64 2.49 -5.52	45.89 2.84 -1.85	35.78 1.82 -8.17	22.18 1.12 -4.39	33.72 0.31 -29.03	28.49 0.82 -15.69	35.48 0.34 -30.01	27.08 1.48 -1.73
HEMPSTEAD____ 23647	31.06 1.47 0.00	28.50 1.30 0.00	27.49 1.04 0.00	26.52 1.09 0.00	27.29 1.10 0.00	26.71 1.13 0.00	26.55 1.32 0.00	29.88 1.63 0.00	36.84 2.33 0.00	29.98 1.73 -3.66	25.58 0.29 -21.37	21.45 0.13 -19.31	26.62 1.19 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.67 0.79 -24.62	45.71 2.55 -5.52	45.82 2.76 -1.85	35.84 1.87 -8.17	22.21 1.16 -4.39	33.73 0.31 -29.03	28.55 0.88 -15.70	35.52 0.37 -30.02	27.28 1.68 -1.73
HEWLETT__69_KV_BK3 55828	31.30 1.71 0.00	28.73 1.53 0.00	27.72 1.28 0.00	26.79 1.35 0.00	27.56 1.37 0.00	26.98 1.40 0.00	26.81 1.58 0.00	30.16 1.92 0.00	37.20 2.69 0.00	30.24 1.99 -3.66	25.62 0.33 -21.37	21.47 0.15 -19.31	26.83 1.40 -7.78	30.27 0.13 -28.40	30.50 0.02 -30.20	35.76 0.89 -24.62	46.02 2.87 -5.52	46.18 3.13 -1.85	36.08 2.11 -8.17	22.38 1.32 -4.39	33.78 0.36 -29.03	28.68 1.01 -15.70	35.58 0.43 -30.02	27.54 1.94 -1.73
HICKLING____1 23621	30.05 0.46 0.00	27.60 0.40 0.00	26.83 0.38 0.00	25.74 0.30 0.00	26.57 0.38 0.00	25.91 0.34 0.00	25.51 0.28 0.00	28.65 0.41 0.00	34.96 0.46 0.00	25.98 0.07 -1.31	11.56 -0.01 -7.66	8.93 0.01 -6.92	20.55 0.12 -2.79	11.92 0.01 -10.17	11.09 0.00 -10.82	19.04 -0.03 -8.82	39.43 -0.18 -1.98	41.89 0.03 -0.66	28.12 -0.46 -2.80	17.52 -0.52 -1.38	13.45 -0.08 -9.14	16.72 -0.19 -4.94	14.43 -0.15 -9.45	24.17 -0.24 -0.54
HICKLING____2 23622	30.05 0.46 0.00	27.60 0.40 0.00	26.83 0.38 0.00	25.74 0.30 0.00	26.57 0.38 0.00	25.91 0.34 0.00	25.51 0.28 0.00	28.65 0.41 0.00	34.96 0.46 0.00	25.98 0.07 -1.31	11.56 -0.01 -7.66	8.93 0.01 -6.92	20.55 0.12 -2.79	11.92 0.01 -10.17	11.09 0.00 -10.82	19.04 -0.03 -8.82	39.43 -0.18 -1.98	41.89 0.03 -0.66	28.12 -0.46 -2.80	17.52 -0.52 -1.38	13.45 -0.08 -9.14	16.72 -0.19 -4.94	14.43 -0.15 -9.45	24.17 -0.24 -0.54
HIGH FALLS____HY 23754	30.91 1.31 0.00	28.34 1.14 0.00	27.52 1.07 0.00	26.45 1.02 0.00	27.21 1.02 0.00	26.58 1.00 0.00	26.36 1.14 0.00	29.69 1.45 0.00	36.43 1.92 0.00	29.61 1.37 -3.65	25.44 0.19 -21.33	21.36 0.09 -19.27	26.23 0.82 -7.77	30.16 0.08 -28.34	30.42 0.01 -30.14	35.43 0.61 -24.57	45.35 2.21 -5.51	45.71 2.66 -1.85	35.65 1.70 -8.16	22.06 1.02 -4.39	33.64 0.28 -28.97	28.38 0.74 -15.66	35.39 0.31 -29.95	26.94 1.34 -1.72
HILLBURN____GT 23639	30.78 1.19 0.00	28.24 1.04 0.00	27.43 0.98 0.00	26.38 0.94 0.00	27.14 0.94 0.00	26.50 0.92 0.00	26.26 1.03 0.00	29.51 1.27 0.00	36.22 1.70 0.00	29.26 1.23 -3.43	24.17 0.19 -20.06	20.22 0.10 -18.12	25.83 0.88 -7.30	28.47 0.09 -26.65	28.63 0.01 -28.34	33.94 0.58 -23.11	44.84 2.03 -5.18	45.31 2.37 -1.74	34.93 1.47 -7.67	21.67 0.89 -4.13	31.89 0.25 -27.25	27.37 0.67 -14.73	33.58 0.27 -28.17	26.73 1.23 -1.62
HILLSIDE_115KV_TB1 80332	29.74 0.15 0.00	27.26 0.06 0.00	26.53 0.08 0.00	25.40 -0.03 0.00	26.24 0.05 0.00	25.56 -0.02 0.00	25.16 -0.07 0.00	28.25 0.00 0.00	34.53 0.02 0.00	25.73 -0.22 -1.36	11.78 -0.06 -7.92	9.15 -0.01 -7.16	20.48 -0.05 -2.88	12.26 0.00 -10.53	11.47 0.00 -11.20	19.28 -0.10 -9.13	39.14 -0.54 -2.04	41.52 -0.36 -0.69	27.92 -0.77 -2.89	17.40 -0.69 -1.43	13.69 -0.11 -9.41	16.79 -0.27 -5.09	14.68 -0.18 -9.73	24.02 -0.41 -0.56
HISHELDN_WT_PWR 323625	29.62 0.03 0.00	27.42 0.22 0.00	26.58 0.13 0.00	25.55 0.12 0.00	26.30 0.11 0.00	25.64 0.06 0.00	24.97 -0.26 0.00	28.00 -0.23 0.00	34.07 -0.44 0.00	25.10 -0.53 -1.03	9.83 -0.10 -6.02	7.40 -0.04 -5.44	19.41 -0.42 -2.19	9.68 -0.05 -7.99	8.76 -0.02 -8.50	16.63 -0.56 -6.93	37.30 -1.90 -1.55	39.81 -1.91 -0.52	26.52 -1.50 -2.22	16.63 -1.15 -1.12	11.51 -0.29 -7.40	15.24 -0.73 -4.00	12.44 -0.35 -7.65	23.14 -1.17 -0.44
HOLTSVILLE_IC_1 23690	31.37 1.78 0.00	28.76 1.56 0.00	27.77 1.33 0.00	26.80 1.37 0.00	27.58 1.39 0.00	27.02 1.44 0.00	26.90 1.67 0.00	30.26 2.02 0.00	37.42 2.91 0.00	30.39 2.12 -3.67	33.16 0.36 -28.88	21.47 0.16 -19.31	26.84 1.41 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	39.57 0.98 -28.34	396.03 3.03 -355.37	146.37 3.15 -102.02	160.81 2.23 -132.79	120.63 1.41 -102.55	229.16 0.37 -224.40	354.13 1.05 -341.10	152.43 0.45 -146.85	27.67 2.07 -1.73

HOLTSVILLE_IC_10 23699	31.51 1.92 0.00	28.89 1.69 0.00	27.88 1.43 0.00	26.91 1.48 0.00	27.69 1.50 0.00	27.13 1.56 0.00	27.01 1.79 0.00	30.40 2.15 0.00	37.60 3.09 0.00	30.52 2.25 -3.67	32.88 0.38 -28.58	21.48 0.16 -19.31	26.92 1.49 -7.78	30.27 0.14 -28.40	30.51 0.03 -30.20	39.48 1.04 -28.19	382.30 3.26 -341.41	142.63 3.40 -98.03	156.00 2.40 -127.82	116.81 1.51 -98.64	221.39 0.40 -216.60	341.22 1.13 -328.12	147.80 0.48 -142.19	27.79 2.19 -1.73
HOLTSVILLE_IC_2 23691	31.37 1.78 0.00	28.76 1.56 0.00	27.77 1.33 0.00	26.80 1.37 0.00	27.58 1.39 0.00	27.02 1.44 0.00	26.90 1.67 0.00	30.26 2.02 0.00	37.42 2.91 0.00	30.39 2.12 -3.67	33.16 0.36 -28.88	21.47 0.16 -19.31	26.84 1.41 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	39.57 0.98 -28.34	396.03 3.03 -355.37	146.37 3.15 -102.02	160.81 2.23 -132.79	120.63 1.41 -102.55	229.16 0.37 -224.40	354.13 1.05 -341.10	152.43 0.45 -146.85	27.67 2.07 -1.73
HOLTSVILLE_IC_3 23692	31.37 1.78 0.00	28.76 1.56 0.00	27.77 1.33 0.00	26.80 1.37 0.00	27.58 1.39 0.00	27.02 1.44 0.00	26.90 1.67 0.00	30.26 2.02 0.00	37.42 2.91 0.00	30.39 2.12 -3.67	33.16 0.36 -28.88	21.47 0.16 -19.31	26.84 1.41 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	39.57 0.98 -28.34	396.03 3.03 -355.37	146.37 3.15 -102.02	160.81 2.23 -132.79	120.63 1.41 -102.55	229.16 0.37 -224.40	354.13 1.05 -341.10	152.43 0.45 -146.85	27.67 2.07 -1.73
HOLTSVILLE_IC_4 23693	31.37 1.78 0.00	28.76 1.56 0.00	27.77 1.33 0.00	26.80 1.37 0.00	27.58 1.39 0.00	27.02 1.44 0.00	26.90 1.67 0.00	30.26 2.02 0.00	37.42 2.91 0.00	30.39 2.12 -3.67	33.16 0.36 -28.88	21.47 0.16 -19.31	26.84 1.41 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	39.57 0.98 -28.34	396.03 3.03 -355.37	146.37 3.15 -102.02	160.81 2.23 -132.79	120.63 1.41 -102.55	229.16 0.37 -224.40	354.13 1.05 -341.10	152.43 0.45 -146.85	27.67 2.07 -1.73
HOLTSVILLE_IC_5 23694	31.37 1.78 0.00	28.76 1.56 0.00	27.77 1.33 0.00	26.80 1.37 0.00	27.58 1.39 0.00	27.02 1.44 0.00	26.90 1.67 0.00	30.26 2.02 0.00	37.42 2.91 0.00	30.39 2.12 -3.67	33.16 0.36 -28.88	21.47 0.16 -19.31	26.84 1.41 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	39.57 0.98 -28.34	396.03 3.03 -355.37	146.37 3.15 -102.02	160.81 2.23 -132.79	120.63 1.41 -102.55	229.16 0.37 -224.40	354.13 1.05 -341.10	152.43 0.45 -146.85	27.67 2.07 -1.73
HOLTSVILLE_IC_6 23695	31.51 1.92 0.00	28.89 1.69 0.00	27.88 1.43 0.00	26.91 1.48 0.00	27.69 1.50 0.00	27.13 1.56 0.00	27.01 1.79 0.00	30.40 2.15 0.00	37.60 3.09 0.00	30.52 2.25 -3.67	32.88 0.38 -28.58	21.48 0.16 -19.31	26.92 1.49 -7.78	30.27 0.14 -28.40	30.51 0.03 -30.20	39.48 1.04 -28.19	382.30 3.26 -341.41	142.63 3.40 -98.03	156.00 2.40 -127.82	116.81 1.51 -98.64	221.39 0.40 -216.60	341.22 1.13 -328.12	147.80 0.48 -142.19	27.79 2.19 -1.73
HOLTSVILLE_IC_7 23696	31.51 1.92 0.00	28.89 1.69 0.00	27.88 1.43 0.00	26.91 1.48 0.00	27.69 1.50 0.00	27.13 1.56 0.00	27.01 1.79 0.00	30.40 2.15 0.00	37.60 3.09 0.00	30.52 2.25 -3.67	32.88 0.38 -28.58	21.48 0.16 -19.31	26.92 1.49 -7.78	30.27 0.14 -28.40	30.51 0.03 -30.20	39.48 1.04 -28.19	382.30 3.26 -341.41	142.63 3.40 -98.03	156.00 2.40 -127.82	116.81 1.51 -98.64	221.39 0.40 -216.60	341.22 1.13 -328.12	147.80 0.48 -142.19	27.79 2.19 -1.73
HOLTSVILLE_IC_8 23697	31.51 1.92 0.00	28.89 1.69 0.00	27.88 1.43 0.00	26.91 1.48 0.00	27.69 1.50 0.00	27.13 1.56 0.00	27.01 1.79 0.00	30.40 2.15 0.00	37.60 3.09 0.00	30.52 2.25 -3.67	32.88 0.38 -28.58	21.48 0.16 -19.31	26.92 1.49 -7.78	30.27 0.14 -28.40	30.51 0.03 -30.20	39.48 1.04 -28.19	382.30 3.26 -341.41	142.63 3.40 -98.03	156.00 2.40 -127.82	116.81 1.51 -98.64	221.39 0.40 -216.60	341.22 1.13 -328.12	147.80 0.48 -142.19	27.79 2.19 -1.73
HOLTSVILLE_IC_9 23698	31.51 1.92 0.00	28.89 1.69 0.00	27.88 1.43 0.00	26.91 1.48 0.00	27.69 1.50 0.00	27.13 1.56 0.00	27.01 1.79 0.00	30.40 2.15 0.00	37.60 3.09 0.00	30.52 2.25 -3.67	32.88 0.38 -28.58	21.48 0.16 -19.31	26.92 1.49 -7.78	30.27 0.14 -28.40	30.51 0.03 -30.20	39.48 1.04 -28.19	382.30 3.26 -341.41	142.63 3.40 -98.03	156.00 2.40 -127.82	116.81 1.51 -98.64	221.39 0.40 -216.60	341.22 1.13 -328.12	147.80 0.48 -142.19	27.79 2.19 -1.73
HOMER_HL_115KV_TB2 355744	30.77 1.18 0.00	28.33 1.13 0.00	27.50 1.06 0.00	26.37 0.94 0.00	27.15 0.96 0.00	26.42 0.84 0.00	25.89 0.66 0.00	29.13 0.88 0.00	35.47 0.96 0.00	26.02 0.40 -1.03	9.95 0.03 -6.01	7.47 0.03 -5.42	20.08 0.25 -2.19	9.73 0.02 -7.98	8.75 0.00 -8.48	17.09 -0.08 -6.92	39.09 -0.10 -1.55	41.85 0.13 -0.52	27.71 -0.30 -2.22	17.45 -0.32 -1.12	11.69 -0.07 -7.37	15.79 -0.16 -3.99	12.64 -0.11 -7.62	24.23 -0.08 -0.44
HOWARD_WT_PWR 323690	29.48 -0.10 0.00	27.23 0.03 0.00	26.33 -0.11 0.00	25.50 0.07 0.00	26.37 0.18 0.00	25.84 0.26 0.00	25.39 0.16 0.00	28.62 0.38 0.00	34.86 0.35 0.00	25.66 -0.09 -1.15	10.56 -0.05 -6.70	8.05 -0.01 -6.05	19.93 -0.15 -2.44	10.62 -0.01 -8.89	9.73 -0.01 -9.46	17.67 -0.29 -7.71	38.23 -1.13 -1.73	40.81 -0.97 -0.58	27.29 -0.97 -2.47	16.84 -1.07 -1.24	12.31 -0.30 -8.22	15.64 -0.78 -4.44	13.26 -0.37 -8.50	23.12 -1.24 -0.49
HQ_GEN_CEDARS 23644	29.26 -0.33 0.00	26.77 -0.43 0.00	26.12 -0.33 0.00	25.13 -0.30 0.00	25.83 -0.36 0.00	25.42 -0.15 0.00	24.98 -0.25 0.00	28.21 -0.04 0.00	34.34 -0.17 0.00	24.96 0.21 -0.15	4.82 0.02 -0.88	2.78 -0.03 -0.80	17.86 -0.10 -0.32	2.92 0.00 -1.17	1.53 0.01 -1.25	11.23 -0.04 -1.02	38.51 0.64 -0.23	40.80 -0.48 -0.08	25.67 -0.46 -0.34	16.31 -0.53 -0.18	5.39 -0.19 -1.19	12.03 -0.59 -0.64	6.26 -0.10 -1.23	23.36 -0.58 -0.07
HQ_GEN_CEDARS_PROXY 323590	29.26 -0.33 0.00	26.77 -0.43 0.00	26.12 -0.33 0.00	25.13 -0.30 0.00	25.83 -0.36 0.00	25.42 -0.15 0.00	24.98 -0.25 0.00	28.21 -0.04 0.00	34.34 -0.17 0.00	24.96 0.21 -0.15	4.82 0.02 -0.88	2.78 -0.03 -0.80	17.86 -0.10 -0.32	2.92 0.00 -1.17	1.53 0.01 -1.25	11.23 -0.04 -1.02	38.50 0.64 -0.23	40.80 -0.48 -0.08	25.68 -0.45 -0.34	16.32 -0.52 -0.18	5.39 -0.19 -1.19	12.03 -0.59 -0.64	6.26 -0.10 -1.23	23.36 -0.58 -0.07
HQ_GEN_IMPORT 323601	29.27 0.00 0.32	27.20 0.00 0.00	26.45 0.00 0.00	25.44 0.00 0.00	26.19 0.00 0.00	25.58 0.00 0.00	25.23 0.00 0.00	28.24 0.00 0.00	34.51 0.00 0.00	24.60 0.00 0.00	3.92 0.00 0.00	2.01 0.00 0.00	17.64 0.00 0.00	1.74 0.00 0.00	0.27 0.00 0.00	10.25 0.00 0.00	37.64 0.00 0.00	41.20 0.00 0.00	25.79 0.00 0.00	16.66 0.00 0.00	4.39 0.00 0.00	11.97 0.00 0.00	5.13 0.00 0.00	23.87 0.00 0.00
HQ_GEN_WHEEL 23651	29.27 0.00 0.32	27.20 0.00 0.00	26.45 0.00 0.00	25.44 0.00 0.00	26.19 0.00 0.00	25.58 0.00 0.00	25.23 0.00 0.00	28.24 0.00 0.00	34.51 0.00 0.00	24.60 0.00 0.00	3.92 0.00 0.00	2.01 0.00 0.00	17.64 0.00 0.00	1.74 0.00 0.00	0.27 0.00 0.00	10.25 0.00 0.00	37.64 0.00 0.00	41.20 0.00 0.00	25.79 0.00 0.00	16.66 0.00 0.00	4.39 0.00 0.00	11.97 0.00 0.00	5.13 0.00 0.00	23.87 0.00 0.00

HUDSON AVE_GT_3 23810	30.95 1.36 0.00	28.38 1.18 0.00	27.56 1.12 0.00	26.52 1.08 0.00	27.26 1.07 0.00	26.64 1.06 0.00	26.46 1.23 0.00	29.79 1.55 0.00	36.54 2.03 0.00	29.74 1.49 -3.66	25.53 0.24 -21.37	21.43 0.12 -19.30	26.51 1.08 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.62 2.47 -5.52	45.88 2.83 -1.85	35.78 1.81 -8.17	22.17 1.12 -4.39	33.72 0.31 -29.03	28.49 0.83 -15.69	35.48 0.34 -30.01	27.11 1.51 -1.73
HUDSON AVE_GT_4 23540	30.95 1.36 0.00	28.38 1.18 0.00	27.56 1.12 0.00	26.52 1.08 0.00	27.26 1.07 0.00	26.64 1.06 0.00	26.46 1.23 0.00	29.79 1.55 0.00	36.54 2.03 0.00	29.74 1.49 -3.66	25.53 0.24 -21.37	21.43 0.12 -19.30	26.51 1.08 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.62 2.47 -5.52	45.88 2.83 -1.85	35.78 1.81 -8.17	22.17 1.12 -4.39	33.72 0.31 -29.03	28.49 0.83 -15.69	35.48 0.34 -30.01	27.11 1.51 -1.73
HUDSON AVE_GT_5 23657	30.95 1.36 0.00	28.38 1.18 0.00	27.56 1.12 0.00	26.52 1.08 0.00	27.26 1.07 0.00	26.64 1.06 0.00	26.46 1.23 0.00	29.79 1.55 0.00	36.54 2.03 0.00	29.74 1.49 -3.66	25.53 0.24 -21.37	21.43 0.12 -19.30	26.51 1.08 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.62 2.47 -5.52	45.88 2.83 -1.85	35.78 1.81 -8.17	22.17 1.12 -4.39	33.72 0.31 -29.03	28.49 0.83 -15.69	35.48 0.34 -30.01	27.11 1.51 -1.73
HUDSON_AVE_10 24168	30.85 1.26 0.00	28.28 1.09 0.00	27.47 1.02 0.00	26.44 1.01 0.00	27.19 1.00 0.00	26.58 1.00 0.00	26.35 1.13 0.00	29.67 1.43 0.00	36.39 1.88 0.00	29.64 1.39 -3.66	25.51 0.22 -21.37	21.42 0.12 -19.30	26.44 1.01 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.53 0.66 -24.62	45.47 2.32 -5.52	45.72 2.67 -1.85	35.67 1.70 -8.17	22.10 1.05 -4.39	33.71 0.29 -29.03	28.44 0.77 -15.69	35.46 0.32 -30.01	27.03 1.44 -1.73
HUDSON___115KV_TB 4 355613	30.69 1.10 0.00	28.25 1.05 0.00	27.50 1.05 0.00	26.44 1.01 0.00	27.23 1.04 0.00	26.76 1.19 0.00	26.46 1.23 0.00	29.58 1.34 0.00	36.25 1.74 0.00	30.00 1.14 -4.26	28.98 0.18 -24.88	24.57 0.08 -22.48	27.39 0.68 -9.06	34.86 0.06 -33.06	35.45 0.01 -35.16	39.44 0.52 -28.67	46.20 2.14 -6.42	45.78 2.42 -2.16	36.83 1.53 -9.51	22.82 1.05 -5.11	38.43 0.26 -33.78	30.92 0.69 -18.26	40.32 0.27 -34.93	27.12 1.24 -2.01
HUNTER MOUNT___DRP 323613	30.83 1.24 0.00	28.40 1.20 0.00	27.63 1.19 0.00	26.58 1.15 0.00	27.39 1.20 0.00	26.93 1.35 0.00	26.61 1.39 0.00	29.76 1.52 0.00	36.48 1.97 0.00	30.01 1.25 -4.16	28.43 0.19 -24.31	24.06 0.09 -21.96	27.21 0.72 -8.85	34.11 0.07 -32.31	34.64 0.01 -34.36	38.83 0.57 -28.01	46.31 2.39 -6.28	46.02 2.72 -2.11	36.81 1.72 -9.30	22.84 1.18 -5.00	37.69 0.29 -33.01	30.60 0.78 -17.85	39.56 0.30 -34.13	27.24 1.41 -1.96
HUNTINGTON_RES_REC 323705	31.21 1.62 0.00	28.64 1.44 0.00	27.64 1.20 0.00	26.68 1.25 0.00	27.45 1.26 0.00	26.88 1.31 0.00	26.74 1.51 0.00	30.08 1.84 0.00	37.18 2.67 0.00	30.24 1.99 -3.65	22.43 0.34 -18.17	21.46 0.15 -19.31	26.77 1.34 -7.78	30.26 0.12 -28.40	30.50 0.03 -30.20	34.21 0.92 -23.04	-103.17 2.90 143.71	32.49 3.00 11.71	16.38 2.12 11.53	-19.48 1.33 37.47	-49.56 0.35 54.30	-110.15 0.98 123.10	81.66 0.43 -76.10	27.55 1.94 -1.73
HUNTLEY___63 23557	29.69 0.10 0.00	27.54 0.34 0.00	26.68 0.23 0.00	25.60 0.17 0.00	26.31 0.11 0.00	25.60 0.02 0.00	24.82 -0.41 0.00	27.79 -0.45 0.00	33.73 -0.78 0.00	24.83 -0.72 -0.95	9.33 -0.12 -5.53	6.96 -0.04 -5.00	19.11 -0.54 -2.01	9.01 -0.08 -7.35	8.06 -0.02 -7.82	16.01 -0.61 -6.37	37.05 -2.02 -1.43	39.64 -2.04 -0.48	26.36 -1.48 -2.05	16.65 -1.06 -1.05	11.03 -0.27 -6.91	14.99 -0.72 -3.74	11.94 -0.33 -7.15	23.16 -1.12 -0.41
HUNTLEY___64 23558	29.69 0.10 0.00	27.54 0.34 0.00	26.68 0.23 0.00	25.60 0.17 0.00	26.31 0.11 0.00	25.60 0.02 0.00	24.82 -0.41 0.00	27.79 -0.45 0.00	33.73 -0.78 0.00	24.83 -0.72 -0.95	9.33 -0.12 -5.53	6.96 -0.04 -5.00	19.11 -0.54 -2.01	9.01 -0.08 -7.35	8.06 -0.02 -7.82	16.01 -0.61 -6.37	37.05 -2.02 -1.43	39.64 -2.04 -0.48	26.36 -1.48 -2.05	16.65 -1.06 -1.05	11.03 -0.27 -6.91	14.99 -0.72 -3.74	11.94 -0.33 -7.15	23.16 -1.12 -0.41
HUNTLEY___65 23559	29.69 0.10 0.00	27.54 0.34 0.00	26.68 0.23 0.00	25.60 0.17 0.00	26.31 0.11 0.00	25.60 0.02 0.00	24.82 -0.41 0.00	27.79 -0.45 0.00	33.73 -0.78 0.00	24.83 -0.72 -0.95	9.33 -0.12 -5.53	6.96 -0.04 -5.00	19.11 -0.54 -2.01	9.01 -0.08 -7.35	8.06 -0.02 -7.82	16.01 -0.61 -6.37	37.05 -2.02 -1.43	39.64 -2.04 -0.48	26.36 -1.48 -2.05	16.65 -1.06 -1.05	11.03 -0.27 -6.91	14.99 -0.72 -3.74	11.94 -0.33 -7.15	23.16 -1.12 -0.41
HUNTLEY___66 23560	29.69 0.10 0.00	27.54 0.34 0.00	26.68 0.23 0.00	25.60 0.17 0.00	26.31 0.11 0.00	25.60 0.02 0.00	24.82 -0.41 0.00	27.79 -0.45 0.00	33.73 -0.78 0.00	24.83 -0.72 -0.95	9.33 -0.12 -5.53	6.96 -0.04 -5.00	19.11 -0.54 -2.01	9.01 -0.08 -7.35	8.06 -0.02 -7.82	16.01 -0.61 -6.37	37.05 -2.02 -1.43	39.64 -2.04 -0.48	26.36 -1.48 -2.05	16.65 -1.06 -1.05	11.03 -0.27 -6.91	14.99 -0.72 -3.74	11.94 -0.33 -7.15	23.16 -1.12 -0.41
HUNTLEY___67 23561	29.50 -0.09 0.00	27.35 0.15 0.00	26.51 0.06 0.00	25.43 0.00 0.00	26.14 -0.05 0.00	25.43 -0.15 0.00	24.67 -0.55 0.00	27.65 -0.59 0.00	33.57 -0.94 0.00	24.73 -0.82 -0.96	9.37 -0.14 -5.59	7.00 -0.05 -5.05	19.09 -0.59 -2.04	9.09 -0.08 -7.42	8.15 -0.02 -7.90	16.04 -0.65 -6.44	36.89 -2.19 -1.44	39.43 -2.25 -0.48	26.25 -1.62 -2.07	16.56 -1.15 -1.05	11.06 -0.29 -6.97	14.97 -0.77 -3.77	11.98 -0.36 -7.20	23.05 -1.24 -0.41
HUNTLEY___68 23562	29.50 -0.09 0.00	27.35 0.15 0.00	26.51 0.06 0.00	25.43 0.00 0.00	26.14 -0.05 0.00	25.43 -0.15 0.00	24.67 -0.55 0.00	27.65 -0.59 0.00	33.57 -0.94 0.00	24.73 -0.82 -0.96	9.37 -0.14 -5.59	7.00 -0.05 -5.05	19.09 -0.59 -2.04	9.09 -0.08 -7.42	8.15 -0.02 -7.90	16.04 -0.65 -6.44	36.89 -2.19 -1.44	39.43 -2.25 -0.48	26.25 -1.62 -2.07	16.56 -1.15 -1.05	11.06 -0.29 -6.97	14.97 -0.77 -3.77	11.98 -0.36 -7.20	23.05 -1.24 -0.41
HYLAND___LFGE 323620	30.80 1.21 0.00	28.38 1.18 0.00	27.49 1.04 0.00	26.46 1.03 0.00	27.28 1.09 0.00	26.70 1.13 0.00	26.18 0.95 0.00	29.43 1.18 0.00	35.37 0.86 0.00	25.64 0.03 -1.01	9.83 -0.03 -5.93	7.35 -0.01 -5.36	19.65 -0.15 -2.16	9.60 -0.02 -7.88	8.64 -0.01 -8.38	16.83 -0.25 -6.83	39.21 0.04 -1.53	42.52 0.80 -0.51	28.37 0.39 -2.20	17.82 0.05 -1.11	11.76 0.01 -7.36	16.00 0.05 -3.98	12.72 -0.02 -7.60	24.49 0.19 -0.44
INDECK___CORINTH 23802	31.04 1.46 0.00	28.66 1.46 0.00	27.88 1.43 0.00	26.84 1.41 0.00	27.63 1.44 0.00	27.12 1.54 0.00	26.90 1.67 0.00	30.02 1.78 0.00	36.86 2.34 0.00	30.85 1.74 -4.51	30.59 0.28 -26.39	25.98 0.14 -23.84	28.43 1.18 -9.61	36.92 0.11 -35.06	37.59 0.02 -37.29	41.30 0.65 -30.40	46.81 2.36 -6.81	45.89 2.41 -2.29	37.31 1.43 -10.09	23.03 0.94 -5.42	40.46 0.25 -35.82	32.01 0.67 -19.37	42.48 0.32 -37.03	27.58 1.58 -2.13

INDECK___ILION 23567	29.65 0.06 0.00	27.20 0.01 0.00	26.47 0.03 0.00	25.47 0.03 0.00	26.23 0.04 0.00	25.62 0.04 0.00	25.34 0.11 0.00	28.44 0.19 0.00	34.77 0.26 0.00	24.82 0.11 -0.11	4.59 0.01 -0.65	2.59 0.00 -0.59	17.87 -0.01 -0.24	2.61 0.00 -0.87	1.20 0.00 -0.92	11.10 0.09 -0.75	38.29 0.48 -0.17	41.84 0.58 -0.06	26.40 0.36 -0.25	17.05 0.25 -0.13	5.34 0.07 -0.88	12.62 0.17 -0.47	6.11 0.06 -0.91	24.14 0.22 -0.05
INDECK___OLEAN 23982	30.77 1.18 0.00	28.33 1.13 0.00	27.50 1.05 0.00	26.37 0.94 0.00	27.15 0.96 0.00	26.43 0.85 0.00	25.89 0.67 0.00	29.13 0.89 0.00	35.47 0.96 0.00	26.03 0.40 -1.03	9.95 0.03 -6.01	7.47 0.03 -5.42	20.09 0.26 -2.19	9.73 0.02 -7.98	8.75 0.00 -8.48	17.08 -0.08 -6.92	39.10 -0.09 -1.55	41.85 0.13 -0.52	27.72 -0.29 -2.22	17.45 -0.32 -1.12	11.69 -0.07 -7.37	15.80 -0.16 -3.99	12.64 -0.11 -7.62	24.23 -0.08 -0.44
INDECK___OSWEGO 23783	29.10 -0.49 0.00	26.74 -0.46 0.00	25.99 -0.46 0.00	25.00 -0.43 0.00	25.76 -0.43 0.00	25.13 -0.45 0.00	24.72 -0.51 0.00	27.63 -0.62 0.00	33.68 -0.83 0.00	24.59 -0.64 -0.63	7.51 -0.10 -3.69	5.29 -0.05 -3.33	18.54 -0.44 -1.34	6.59 -0.05 -4.90	5.48 -0.01 -5.21	14.23 -0.26 -4.25	37.62 -0.97 -0.95	40.53 -0.99 -0.32	26.57 -0.63 -1.41	17.03 -0.38 -0.75	9.25 -0.10 -4.96	14.39 -0.26 -2.68	10.14 -0.12 -5.12	23.66 -0.51 -0.29
INDECK___YERKES 23781	29.72 0.13 0.00	27.56 0.36 0.00	26.71 0.26 0.00	25.63 0.19 0.00	26.33 0.14 0.00	25.64 0.06 0.00	24.84 -0.39 0.00	27.81 -0.43 0.00	33.76 -0.75 0.00	24.85 -0.69 -0.95	9.34 -0.11 -5.53	6.96 -0.04 -5.00	19.14 -0.52 -2.01	9.02 -0.07 -7.35	8.07 -0.02 -7.82	16.01 -0.60 -6.37	37.09 -1.98 -1.43	39.68 -2.00 -0.48	26.40 -1.45 -2.05	16.66 -1.05 -1.05	11.03 -0.27 -6.91	15.00 -0.71 -3.74	11.95 -0.33 -7.15	23.17 -1.10 -0.41
INDIAN POINT_GT_1 24139	30.73 1.14 0.00	28.20 1.00 0.00	27.40 0.95 0.00	26.34 0.91 0.00	27.09 0.90 0.00	26.47 0.89 0.00	26.26 1.04 0.00	29.52 1.28 0.00	36.23 1.72 0.00	29.46 1.26 -3.61	25.21 0.20 -21.09	21.16 0.10 -19.06	26.23 0.90 -7.68	29.85 0.09 -28.03	30.09 0.01 -29.81	35.14 0.59 -24.30	45.15 2.07 -5.44	45.42 2.39 -1.83	35.36 1.50 -8.07	21.92 0.92 -4.34	33.30 0.25 -28.65	28.15 0.68 -15.49	35.03 0.28 -29.63	26.82 1.25 -1.71
INDIAN POINT_GT_2 23659	30.73 1.14 0.00	28.20 1.00 0.00	27.40 0.95 0.00	26.34 0.91 0.00	27.09 0.90 0.00	26.47 0.89 0.00	26.26 1.04 0.00	29.52 1.28 0.00	36.23 1.72 0.00	29.46 1.26 -3.61	25.21 0.20 -21.09	21.16 0.10 -19.06	26.23 0.90 -7.68	29.85 0.09 -28.03	30.09 0.01 -29.81	35.14 0.59 -24.30	45.15 2.07 -5.44	45.42 2.39 -1.83	35.36 1.50 -8.07	21.92 0.92 -4.34	33.30 0.25 -28.65	28.15 0.68 -15.49	35.03 0.28 -29.63	26.82 1.25 -1.71
INDIAN POINT_GT_3 24019	30.73 1.14 0.00	28.20 1.00 0.00	27.40 0.95 0.00	26.34 0.91 0.00	27.09 0.90 0.00	26.47 0.89 0.00	26.26 1.04 0.00	29.52 1.28 0.00	36.23 1.72 0.00	29.46 1.26 -3.61	25.21 0.20 -21.09	21.16 0.10 -19.06	26.23 0.90 -7.68	29.85 0.09 -28.03	30.09 0.01 -29.81	35.14 0.59 -24.30	45.15 2.07 -5.44	45.42 2.39 -1.83	35.36 1.50 -8.07	21.92 0.92 -4.34	33.30 0.25 -28.65	28.15 0.68 -15.49	35.03 0.28 -29.63	26.82 1.25 -1.71
INDIAN POINT___2 23530	30.72 1.13 0.00	28.19 0.99 0.00	27.39 0.94 0.00	26.33 0.90 0.00	27.08 0.89 0.00	26.45 0.87 0.00	26.23 1.00 0.00	29.48 1.24 0.00	36.18 1.67 0.00	29.33 1.21 -3.52	24.69 0.19 -20.58	20.70 0.10 -18.59	26.01 0.87 -7.49	29.17 0.09 -27.34	29.37 0.02 -29.08	34.53 0.57 -23.71	44.93 1.98 -5.31	45.29 2.31 -1.78	35.11 1.45 -7.87	21.77 0.88 -4.23	32.59 0.24 -27.96	27.75 0.66 -15.11	34.30 0.27 -28.91	26.74 1.21 -1.66
INDIAN POINT___3 23531	30.71 1.12 0.00	28.18 0.98 0.00	27.39 0.94 0.00	26.33 0.90 0.00	27.08 0.88 0.00	26.47 0.89 0.00	26.31 1.09 0.00	29.58 1.34 0.00	36.30 1.79 0.00	29.58 1.32 -3.67	25.57 0.21 -21.45	21.49 0.11 -19.37	26.41 0.96 -7.81	30.33 0.09 -28.49	30.59 0.02 -30.30	35.57 0.61 -24.71	45.34 2.16 -5.54	45.53 2.47 -1.86	35.57 1.57 -8.20	22.04 0.97 -4.41	33.78 0.27 -29.13	28.44 0.71 -15.75	35.54 0.29 -30.12	26.90 1.30 -1.73
INGHAM_C_115KV_TB7 356103	29.62 0.03 0.00	27.15 -0.05 0.00	26.43 -0.01 0.00	25.42 -0.01 0.00	26.18 -0.01 0.00	25.56 -0.02 0.00	25.38 0.15 0.00	28.55 0.31 0.00	34.94 0.43 0.00	24.83 0.12 -0.11	4.58 0.01 -0.65	2.58 -0.02 -0.59	17.75 -0.13 -0.24	2.59 -0.01 -0.87	1.20 0.00 -0.92	11.16 0.16 -0.75	38.61 0.80 -0.17	42.31 1.06 -0.06	26.72 0.68 -0.25	17.32 0.52 -0.13	5.41 0.14 -0.88	12.82 0.37 -0.47	6.17 0.13 -0.91	24.35 0.43 -0.05
IP CORINTH___1 23988	31.05 1.46 0.00	28.66 1.46 0.00	27.88 1.43 0.00	26.84 1.41 0.00	27.63 1.44 0.00	27.12 1.54 0.00	26.90 1.67 0.00	30.02 1.78 0.00	36.86 2.34 0.00	30.85 1.74 -4.51	30.59 0.28 -26.39	25.98 0.14 -23.84	28.43 1.18 -9.61	36.92 0.11 -35.06	37.59 0.02 -37.29	41.30 0.65 -30.40	46.81 2.36 -6.81	45.89 2.41 -2.29	37.31 1.43 -10.09	23.02 0.94 -5.42	40.46 0.25 -35.82	32.01 0.67 -19.37	42.48 0.32 -37.03	27.58 1.58 -2.13
IP___TICONDEROGA 23804	31.77 2.18 0.00	29.55 2.35 0.00	28.73 2.28 0.00	27.67 2.23 0.00	28.48 2.29 0.00	28.17 2.59 0.00	28.12 2.90 0.00	31.48 3.24 0.00	38.86 4.35 0.00	32.33 3.22 -4.51	30.78 0.51 -26.36	26.08 0.26 -23.81	29.51 2.27 -9.60	36.98 0.22 -35.02	37.56 0.04 -37.24	41.84 1.23 -30.36	49.26 4.82 -6.80	48.24 4.75 -2.28	38.57 2.70 -10.08	23.89 1.81 -5.42	40.66 0.50 -35.77	32.68 1.37 -19.34	42.68 0.57 -36.98	28.71 2.71 -2.13
ISLIP_RES_REC 323679	31.63 2.04 0.00	28.99 1.79 0.00	27.98 1.54 0.00	27.00 1.57 0.00	27.78 1.59 0.00	27.23 1.65 0.00	27.11 1.88 0.00	30.51 2.27 0.00	37.75 3.24 0.00	30.64 2.37 -3.67	32.11 0.40 -27.79	21.48 0.17 -19.31	26.98 1.55 -7.78	30.28 0.14 -28.40	30.50 0.03 -30.20	39.13 1.08 -27.80	345.51 3.42 -304.44	132.24 3.59 -87.44	142.97 2.53 -114.65	106.53 1.60 -88.27	200.77 0.42 -195.96	306.89 1.18 -293.74	135.48 0.50 -129.84	27.89 2.29 -1.73
JAMAICA__27_KV_LOAD 355505	31.08 1.49 0.00	28.50 1.30 0.00	27.66 1.21 0.00	26.67 1.23 0.00	27.43 1.24 0.00	26.81 1.24 0.00	26.46 1.24 0.00	29.81 1.57 0.00	36.55 2.04 0.00	29.77 1.52 -3.66	25.53 0.24 -21.37	21.44 0.13 -19.30	26.53 1.10 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.58 0.71 -24.62	45.66 2.51 -5.52	45.93 2.88 -1.85	35.79 1.83 -8.17	22.20 1.14 -4.39	33.73 0.31 -29.03	28.50 0.83 -15.69	35.49 0.34 -30.01	27.22 1.63 -1.73
JANIS___SOLAR 323808	30.94 1.35 0.00	28.35 1.15 0.00	27.58 1.13 0.00	26.51 1.07 0.00	27.28 1.09 0.00	26.63 1.05 0.00	26.39 1.16 0.00	29.60 1.35 0.00	35.94 1.43 0.00	26.59 0.64 -1.35	11.89 0.07 -7.90	9.18 0.03 -7.14	20.85 0.33 -2.88	12.28 0.05 -10.50	11.44 0.00 -11.16	19.74 0.39 -9.10	41.50 1.83 -2.04	44.30 2.41 -0.68	30.33 1.53 -3.01	19.22 0.96 -1.61	15.25 0.24 -10.62	18.37 0.66 -5.74	16.36 0.25 -10.98	25.55 1.05 -0.63

JARVIS____ 23743	29.57 -0.02 0.00	27.17 -0.03 0.00	26.42 -0.03 0.00	25.41 -0.03 0.00	26.18 -0.01 0.00	25.58 0.00 0.00	25.24 0.01 0.00	28.27 0.03 0.00	34.56 0.05 0.00	24.74 0.03 -0.11	4.58 0.00 -0.65	2.60 0.00 -0.59	17.88 0.00 -0.24	2.61 0.00 -0.87	1.20 0.00 -0.92	11.02 0.02 -0.75	37.92 0.11 -0.17	41.34 0.08 -0.06	26.07 0.03 -0.25	16.80 0.00 -0.13	5.27 0.00 -0.88	12.44 -0.01 -0.47	6.04 0.00 -0.91	23.90 -0.02 -0.05
JENNISON____1 23625	30.96 1.37 0.00	28.29 1.09 0.00	27.57 1.12 0.00	26.48 1.04 0.00	27.16 0.97 0.00	26.50 0.92 0.00	26.30 1.07 0.00	29.48 1.24 0.00	35.99 1.48 0.00	27.13 0.90 -1.63	13.58 0.13 -9.54	10.68 0.05 -8.61	21.62 0.50 -3.47	14.46 0.06 -12.67	13.75 0.00 -13.47	21.72 0.48 -10.98	42.06 1.96 -2.46	44.56 2.54 -0.83	31.09 1.65 -3.65	19.66 1.04 -1.96	17.58 0.27 -12.92	19.68 0.72 -6.98	18.76 0.27 -13.36	25.73 1.09 -0.77
JENNISON____2 23626	30.96 1.37 0.00	28.29 1.09 0.00	27.57 1.12 0.00	26.48 1.04 0.00	27.16 0.97 0.00	26.50 0.92 0.00	26.30 1.07 0.00	29.48 1.24 0.00	35.99 1.48 0.00	27.13 0.90 -1.63	13.58 0.13 -9.54	10.68 0.05 -8.61	21.62 0.50 -3.47	14.46 0.06 -12.67	13.75 0.00 -13.47	21.72 0.48 -10.98	42.06 1.96 -2.46	44.56 2.54 -0.83	31.09 1.65 -3.65	19.66 1.04 -1.96	17.58 0.27 -12.92	19.68 0.72 -6.98	18.76 0.27 -13.36	25.73 1.09 -0.77
JERICHO_RISE_WT_PWR 323719	29.16 -0.43 0.00	26.78 -0.42 0.00	26.20 -0.24 0.00	25.25 -0.18 0.00	25.93 -0.26 0.00	25.55 -0.03 0.00	25.07 -0.16 0.00	28.29 0.05 0.00	34.57 0.05 0.00	25.14 0.40 -0.14	4.79 0.04 -0.83	2.71 -0.05 -0.75	17.67 -0.27 -0.30	2.84 0.00 -1.10	1.46 0.01 -1.17	11.14 -0.07 -0.96	38.57 0.71 -0.21	40.97 -0.30 -0.07	25.62 -0.48 -0.32	16.26 -0.57 -0.17	5.30 -0.21 -1.12	11.94 -0.64 -0.60	6.15 -0.14 -1.15	23.19 -0.75 -0.07
KATONAH____115KV_46KV_TB4 355592	30.85 1.26 0.00	28.31 1.12 0.00	27.52 1.07 0.00	26.44 1.01 0.00	27.20 1.01 0.00	26.60 1.02 0.00	26.41 1.18 0.00	29.70 1.46 0.00	36.47 1.96 0.00	29.72 1.44 -3.69	25.73 0.23 -21.59	21.62 0.12 -19.50	26.54 1.04 -7.86	30.52 0.10 -28.68	30.79 0.02 -30.50	35.77 0.66 -24.87	45.56 2.35 -5.57	45.78 2.71 -1.87	35.76 1.71 -8.26	22.16 1.06 -4.44	34.00 0.29 -29.32	28.60 0.77 -15.85	35.76 0.32 -30.31	27.02 1.41 -1.75
KCE_NY_1 323755	30.83 1.24 0.00	28.42 1.23 0.00	27.64 1.19 0.00	26.60 1.16 0.00	27.38 1.19 0.00	26.82 1.24 0.00	26.54 1.31 0.00	29.71 1.47 0.00	36.42 1.91 0.00	30.50 1.40 -4.50	30.46 0.22 -26.32	25.90 0.11 -23.78	28.20 0.97 -9.58	36.80 0.10 -34.97	37.48 0.02 -37.19	41.16 0.58 -30.32	46.61 2.18 -6.79	45.75 2.27 -2.28	37.25 1.39 -10.06	22.99 0.92 -5.41	40.35 0.24 -35.72	31.92 0.64 -19.31	42.34 0.28 -36.93	27.28 1.29 -2.13
KCE_NY_6_ESR 323823	29.92 0.33 0.00	27.70 0.50 0.00	26.86 0.41 0.00	25.77 0.33 0.00	26.50 0.31 0.00	25.81 0.23 0.00	25.08 -0.15 0.00	28.11 -0.13 0.00	34.15 -0.36 0.00	25.13 -0.44 -0.98	9.54 -0.08 -5.71	7.14 -0.02 -5.16	19.40 -0.32 -2.08	9.28 -0.05 -7.58	8.32 -0.02 -8.07	16.33 -0.50 -6.58	37.45 -1.66 -1.47	40.08 -1.61 -0.49	26.66 -1.25 -2.11	16.79 -0.94 -1.07	11.24 -0.23 -7.08	15.19 -0.61 -3.83	12.16 -0.30 -7.33	23.33 -0.97 -0.42
KEDC_PORT_JEFF_GT2 24210	31.45 1.86 0.00	28.84 1.65 0.00	27.84 1.39 0.00	26.87 1.44 0.00	27.65 1.46 0.00	27.09 1.51 0.00	26.97 1.74 0.00	30.34 2.10 0.00	37.53 3.02 0.00	30.48 2.21 -3.67	33.70 0.38 -29.40	21.48 0.16 -19.31	26.89 1.47 -7.78	30.27 0.13 -28.40	30.50 0.03 -30.20	39.86 1.02 -28.59	420.43 3.19 -379.60	153.50 3.33 -108.96	169.56 2.35 -141.42	127.49 1.48 -109.36	242.71 0.39 -237.93	376.72 1.10 -363.64	160.55 0.47 -154.94	27.75 2.14 -1.73
KEDC_PORT_JEFF_GT3 24211	31.45 1.86 0.00	28.84 1.65 0.00	27.84 1.39 0.00	26.87 1.44 0.00	27.65 1.46 0.00	27.09 1.51 0.00	26.97 1.74 0.00	30.34 2.10 0.00	37.53 3.02 0.00	30.48 2.21 -3.67	33.70 0.38 -29.40	21.48 0.16 -19.31	26.89 1.47 -7.78	30.27 0.13 -28.40	30.50 0.03 -30.20	39.86 1.02 -28.59	420.43 3.19 -379.60	153.50 3.33 -108.96	169.56 2.35 -141.42	127.49 1.48 -109.36	242.71 0.39 -237.93	376.72 1.10 -363.64	160.55 0.47 -154.94	27.75 2.14 -1.73
KEDC_GLWD_GT4 24219	31.20 1.60 0.00	28.61 1.42 0.00	27.57 1.13 0.00	26.57 1.14 0.00	27.34 1.14 0.00	26.73 1.15 0.00	26.56 1.34 0.00	29.88 1.64 0.00	36.79 2.28 0.00	29.94 1.68 -3.66	25.57 0.28 -21.37	21.45 0.13 -19.31	26.61 1.19 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.65 0.78 -24.62	45.75 2.60 -5.52	45.92 2.87 -1.85	35.86 1.89 -8.17	22.23 1.17 -4.39	33.74 0.31 -29.03	28.54 0.87 -15.70	35.52 0.37 -30.02	27.24 1.65 -1.73
KEDC_GLWD_GT5 24220	31.20 1.60 0.00	28.61 1.42 0.00	27.57 1.13 0.00	26.57 1.14 0.00	27.34 1.14 0.00	26.73 1.15 0.00	26.56 1.34 0.00	29.88 1.64 0.00	36.79 2.28 0.00	29.94 1.68 -3.66	25.57 0.28 -21.37	21.45 0.13 -19.31	26.61 1.19 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.65 0.78 -24.62	45.75 2.60 -5.52	45.92 2.87 -1.85	35.86 1.89 -8.17	22.23 1.17 -4.39	33.74 0.31 -29.03	28.54 0.87 -15.70	35.52 0.37 -30.02	27.24 1.65 -1.73
KENSICO____ 23655	30.80 1.21 0.00	28.25 1.06 0.00	27.45 1.00 0.00	26.40 0.96 0.00	27.14 0.95 0.00	26.52 0.95 0.00	26.34 1.11 0.00	29.61 1.37 0.00	36.35 1.84 0.00	29.59 1.34 -3.65	25.48 0.21 -21.35	21.40 0.11 -19.29	26.40 0.98 -7.78	30.20 0.10 -28.36	30.45 0.02 -30.16	35.46 0.62 -24.59	45.36 2.21 -5.51	45.58 2.53 -1.85	35.56 1.60 -8.17	22.04 0.99 -4.39	33.66 0.27 -28.99	28.38 0.73 -15.68	35.41 0.30 -29.98	26.93 1.33 -1.73
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.90 1.31 0.00	28.34 1.14 0.00	27.52 1.07 0.00	26.46 1.03 0.00	27.22 1.03 0.00	26.60 1.03 0.00	26.38 1.16 0.00	29.70 1.46 0.00	36.44 1.93 0.00	29.44 1.38 -3.47	24.38 0.19 -20.27	20.40 0.09 -18.31	25.84 0.82 -7.38	28.75 0.08 -26.93	28.92 0.01 -28.64	34.21 0.61 -23.35	45.09 2.22 -5.23	45.64 2.68 -1.76	35.25 1.70 -7.75	21.86 1.03 -4.17	32.21 0.28 -27.53	27.62 0.76 -14.89	33.91 0.31 -28.47	26.87 1.36 -1.64
KIAC_JFK_GT1 23816	30.98 1.39 0.00	28.41 1.21 0.00	27.58 1.13 0.00	26.59 1.16 0.00	27.36 1.16 0.00	26.74 1.16 0.00	26.38 1.16 0.00	29.72 1.48 0.00	36.44 1.93 0.00	29.69 1.44 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.30	26.47 1.05 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.54 2.39 -5.52	45.78 2.73 -1.85	35.71 1.74 -8.17	22.13 1.08 -4.39	33.72 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.14 1.54 -1.73
KIAC_JFK_GT2 23817	30.98 1.39 0.00	28.41 1.21 0.00	27.58 1.13 0.00	26.59 1.16 0.00	27.36 1.16 0.00	26.74 1.16 0.00	26.38 1.16 0.00	29.72 1.48 0.00	36.44 1.93 0.00	29.69 1.44 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.30	26.47 1.05 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.54 2.39 -5.52	45.78 2.73 -1.85	35.71 1.74 -8.17	22.13 1.08 -4.39	33.72 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.14 1.54 -1.73

KIAC_JFK____ 323774	30.97 1.39 0.00	28.41 1.21 0.00	27.58 1.13 0.00	26.59 1.16 0.00	27.35 1.16 0.00	26.74 1.16 0.00	26.38 1.16 0.00	29.72 1.48 0.00	36.44 1.93 0.00	29.69 1.44 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.30	26.47 1.05 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.53 2.38 -5.52	45.78 2.73 -1.85	35.71 1.74 -8.17	22.13 1.08 -4.39	33.72 0.30 -29.03	28.46 0.79 -15.69	35.47 0.33 -30.01	27.14 1.54 -1.73
KINTIGH____ 23543	29.32 -0.27 0.00	27.16 -0.04 0.00	26.33 -0.11 0.00	25.26 -0.17 0.00	25.98 -0.22 0.00	25.28 -0.30 0.00	24.60 -0.63 0.00	27.55 -0.69 0.00	33.45 -1.07 0.00	24.61 -0.87 -0.88	8.94 -0.14 -5.16	6.60 -0.06 -4.66	18.90 -0.63 -1.88	8.52 -0.07 -6.85	7.54 -0.02 -7.29	15.59 -0.60 -5.94	36.91 -2.06 -1.33	39.50 -2.15 -0.45	26.23 -1.48 -1.92	16.62 -1.03 -0.99	10.66 -0.26 -6.53	14.82 -0.68 -3.53	11.58 -0.30 -6.76	23.17 -1.09 -0.39
KNTFSRNC_46_KV_46KV_LOAD 80397	29.60 0.01 0.00	27.22 0.02 0.00	26.65 0.20 0.00	25.70 0.26 0.00	26.40 0.21 0.00	26.04 0.46 0.00	25.55 0.32 0.00	28.80 0.56 0.00	35.30 0.79 0.00	25.65 0.91 -0.14	4.85 0.13 -0.81	2.72 -0.02 -0.73	17.92 -0.02 -0.30	2.84 0.02 -1.08	1.44 0.02 -1.14	11.29 0.10 -0.93	39.35 1.51 -0.21	41.97 0.70 -0.07	26.23 0.13 -0.31	16.65 -0.18 -0.16	5.37 -0.11 -1.09	12.19 -0.38 -0.59	6.21 -0.04 -1.13	23.66 -0.28 -0.06
LACHUTE____HYDRO 323717	31.77 2.18 0.00	29.55 2.35 0.00	28.73 2.28 0.00	27.67 2.23 0.00	28.48 2.29 0.00	28.17 2.59 0.00	28.12 2.90 0.00	31.48 3.24 0.00	38.86 4.35 0.00	32.33 3.22 -4.51	30.78 0.51 -26.36	26.08 0.26 -23.81	29.51 2.27 -9.60	36.98 0.22 -35.02	37.56 0.04 -37.24	41.84 1.23 -30.36	49.26 4.82 -6.80	48.24 4.75 -2.28	38.57 2.70 -10.08	23.89 1.81 -5.42	40.66 0.51 -35.77	32.68 1.37 -19.34	42.68 0.57 -36.98	28.71 2.71 -2.13
LAWRNCALV_115KV_TB1 80681	29.28 -0.30 0.00	26.77 -0.43 0.00	26.13 -0.32 0.00	25.16 -0.27 0.00	25.88 -0.31 0.00	25.46 -0.11 0.00	25.04 -0.19 0.00	28.30 0.06 0.00	34.44 -0.07 0.00	25.00 0.23 -0.18	4.97 0.02 -1.04	2.91 -0.03 -0.94	17.89 -0.13 -0.38	3.12 0.00 -1.38	1.75 0.01 -1.46	11.42 -0.02 -1.19	38.67 0.76 -0.27	41.02 -0.27 -0.09	25.82 -0.36 -0.39	16.40 -0.47 -0.21	5.61 -0.18 -1.39	12.16 -0.56 -0.75	6.46 -0.11 -1.44	23.35 -0.60 -0.08
LEDERLE____ 23769	30.89 1.30 0.00	28.34 1.14 0.00	27.53 1.08 0.00	26.47 1.04 0.00	27.23 1.04 0.00	26.60 1.02 0.00	26.42 1.19 0.00	29.71 1.47 0.00	36.46 1.95 0.00	29.53 1.41 -3.52	24.71 0.22 -20.58	20.71 0.11 -18.59	26.15 1.01 -7.49	29.17 0.10 -27.34	29.36 0.02 -29.07	34.61 0.66 -23.70	45.28 2.33 -5.31	45.67 2.69 -1.78	35.34 1.68 -7.87	21.92 1.03 -4.23	32.62 0.28 -27.95	27.85 0.76 -15.11	34.34 0.31 -28.90	26.94 1.40 -1.66
LIGHTHSE_115KV_TB6 355974	29.33 -0.27 0.00	26.87 -0.32 0.00	26.14 -0.30 0.00	25.21 -0.22 0.00	26.01 -0.18 0.00	25.37 -0.21 0.00	24.97 -0.26 0.00	28.00 -0.24 0.00	34.03 -0.49 0.00	24.72 -0.48 -0.60	7.35 -0.09 -3.52	5.13 -0.05 -3.18	18.48 -0.45 -1.28	6.37 -0.05 -4.68	5.24 -0.01 -4.97	14.11 -0.20 -4.05	38.04 -0.51 -0.91	41.00 -0.50 -0.31	26.68 -0.45 -1.34	17.09 -0.29 -0.72	9.05 -0.07 -4.73	14.28 -0.25 -2.55	9.89 -0.13 -4.89	23.61 -0.54 -0.28
LINDEN COGEN____ 23786	30.75 1.16 0.00	28.20 1.00 0.00	27.39 0.94 0.00	26.33 0.90 0.00	27.08 0.88 0.00	26.45 0.87 0.00	26.28 1.05 0.00	29.59 1.35 0.00	36.27 1.76 0.00	29.54 1.29 -3.66	25.49 0.20 -21.37	21.42 0.11 -19.30	26.36 0.94 -7.78	30.22 0.09 -28.39	30.49 0.02 -30.20	35.49 0.62 -24.62	45.32 2.16 -5.52	45.56 2.51 -1.85	35.58 1.62 -8.17	22.04 0.99 -4.39	33.69 0.28 -29.03	28.42 0.75 -15.69	35.45 0.31 -30.01	26.99 1.40 -1.73
LINDHRST_69_KV_BK1 356055	31.52 1.93 0.00	28.88 1.69 0.00	27.87 1.43 0.00	26.90 1.46 0.00	27.68 1.49 0.00	27.10 1.53 0.00	26.96 1.73 0.00	30.34 2.09 0.00	37.49 2.98 0.00	30.45 2.20 -3.66	26.07 0.36 -21.80	21.47 0.16 -19.31	26.90 1.47 -7.78	30.27 0.14 -28.40	30.50 0.03 -30.20	36.04 0.96 -24.83	65.98 3.15 -25.20	52.01 3.32 -7.49	43.35 2.37 -15.19	28.04 1.47 -9.92	44.80 0.39 -40.02	47.05 1.08 -34.00	42.18 0.46 -36.59	27.73 2.13 -1.73
LIPA_MISC_IPP 23656	31.45 1.86 0.00	28.83 1.63 0.00	27.83 1.38 0.00	26.86 1.42 0.00	27.63 1.44 0.00	27.08 1.51 0.00	26.97 1.74 0.00	30.34 2.10 0.00	37.54 3.03 0.00	30.47 2.20 -3.67	33.14 0.36 -28.86	21.47 0.16 -19.31	26.87 1.45 -7.78	30.27 0.13 -28.40	30.50 0.03 -30.20	39.55 0.97 -28.33	395.20 3.15 -354.41	146.22 3.27 -101.75	160.51 2.27 -132.45	120.38 1.43 -102.29	228.63 0.38 -223.86	353.25 1.07 -340.21	152.12 0.46 -146.53	27.75 2.15 -1.73
LISF____SOLAR 323691	31.50 1.91 0.00	28.87 1.67 0.00	27.85 1.41 0.00	26.89 1.46 0.00	27.67 1.48 0.00	27.11 1.53 0.00	27.01 1.78 0.00	30.38 2.14 0.00	37.60 3.09 0.00	30.51 2.24 -3.67	33.10 0.38 -28.80	21.48 0.16 -19.31	26.88 1.45 -7.78	30.27 0.13 -28.40	30.51 0.03 -30.20	39.58 1.03 -28.30	392.62 3.21 -351.77	145.54 3.35 -100.99	159.62 2.32 -131.51	119.68 1.47 -101.55	227.17 0.39 -222.39	350.85 1.11 -337.76	151.26 0.48 -145.65	27.79 2.19 -1.73
LITTLE FALLS____HYD 24013	29.62 0.03 0.00	27.15 -0.05 0.00	26.43 -0.01 0.00	25.42 -0.01 0.00	26.18 -0.01 0.00	25.56 -0.02 0.00	25.38 0.15 0.00	28.55 0.31 0.00	34.94 0.43 0.00	24.83 0.12 -0.11	4.58 0.01 -0.65	2.58 -0.02 -0.59	17.75 -0.13 -0.24	2.59 -0.01 -0.87	1.20 0.00 -0.92	11.16 0.16 -0.75	38.61 0.80 -0.17	42.31 1.06 -0.06	26.72 0.68 -0.25	17.32 0.52 -0.13	5.41 0.14 -0.88	12.82 0.37 -0.47	6.17 0.13 -0.91	24.35 0.43 -0.05
LITTLRIV_115KV_TB1 356100	29.61 0.02 0.00	27.06 -0.14 0.00	26.41 -0.04 0.00	25.43 -0.01 0.00	26.16 -0.03 0.00	25.74 0.16 0.00	25.33 0.10 0.00	28.64 0.40 0.00	34.80 0.29 0.00	25.22 0.44 -0.18	5.03 0.05 -1.06	2.95 -0.01 -0.96	18.06 0.03 -0.39	3.17 0.02 -1.41	1.78 0.01 -1.50	11.56 0.09 -1.22	39.19 1.28 -0.27	41.60 0.31 -0.09	26.18 -0.01 -0.40	16.63 -0.25 -0.21	5.70 -0.12 -1.43	12.32 -0.43 -0.77	6.56 -0.05 -1.47	23.61 -0.34 -0.08
LI_NEWBRDGE____DRP 323616	30.99 1.40 0.00	28.43 1.23 0.00	27.45 1.00 0.00	26.51 1.08 0.00	27.29 1.10 0.00	26.71 1.13 0.00	26.55 1.32 0.00	29.86 1.62 0.00	36.84 2.33 0.00	29.97 1.72 -3.66	25.58 0.29 -21.37	21.45 0.13 -19.31	26.62 1.19 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.65 0.78 -24.62	45.69 2.54 -5.52	45.72 2.67 -1.85	35.82 1.85 -8.17	22.21 1.16 -4.39	33.73 0.31 -29.03	28.54 0.87 -15.70	35.52 0.37 -30.02	27.27 1.67 -1.73
LOCKPORT_115KV_TB60_63_64 80432	29.44 -0.15 0.00	27.31 0.12 0.00	26.46 0.01 0.00	25.38 -0.05 0.00	26.09 -0.10 0.00	25.38 -0.19 0.00	24.58 -0.65 0.00	27.51 -0.73 0.00	33.37 -1.14 0.00	24.55 -0.97 -0.93	9.18 -0.16 -5.43	6.84 -0.07 -4.90	18.88 -0.74 -1.98	8.85 -0.09 -7.21	7.91 -0.03 -7.67	15.77 -0.73 -6.25	36.62 -2.42 -1.40	39.20 -2.47 -0.47	26.10 -1.71 -2.02	16.49 -1.20 -1.03	10.88 -0.31 -6.81	14.83 -0.82 -3.68	11.79 -0.37 -7.04	22.95 -1.32 -0.40

LOCKPORT___CC1 323769	29.44 -0.15 0.00	27.31 0.12 0.00	26.46 0.01 0.00	25.39 -0.05 0.00	26.09 -0.10 0.00	25.40 -0.18 0.00	24.58 -0.65 0.00	27.52 -0.73 0.00	33.38 -1.13 0.00	24.57 -0.96 -0.93	9.20 -0.16 -5.45	6.86 -0.07 -4.92	18.90 -0.72 -1.98	8.88 -0.09 -7.24	7.94 -0.02 -7.70	15.80 -0.72 -6.27	36.65 -2.40 -1.41	39.20 -2.47 -0.47	26.11 -1.71 -2.02	16.48 -1.21 -1.03	10.91 -0.31 -6.82	14.84 -0.82 -3.69	11.81 -0.38 -7.06	22.95 -1.33 -0.41
LOCKPORT___CC2 323770	29.44 -0.15 0.00	27.31 0.12 0.00	26.46 0.01 0.00	25.39 -0.05 0.00	26.09 -0.10 0.00	25.40 -0.18 0.00	24.58 -0.65 0.00	27.52 -0.73 0.00	33.38 -1.13 0.00	24.57 -0.96 -0.93	9.20 -0.16 -5.45	6.86 -0.07 -4.92	18.90 -0.72 -1.98	8.88 -0.09 -7.24	7.94 -0.02 -7.70	15.80 -0.72 -6.27	36.65 -2.40 -1.41	39.20 -2.47 -0.47	26.11 -1.71 -2.02	16.48 -1.21 -1.03	10.91 -0.31 -6.82	14.84 -0.82 -3.69	11.81 -0.38 -7.06	22.95 -1.33 -0.41
LOCKPORT___CC3 323771	29.44 -0.15 0.00	27.31 0.12 0.00	26.46 0.01 0.00	25.39 -0.05 0.00	26.09 -0.10 0.00	25.40 -0.18 0.00	24.58 -0.65 0.00	27.52 -0.73 0.00	33.38 -1.13 0.00	24.57 -0.96 -0.93	9.20 -0.16 -5.45	6.86 -0.07 -4.92	18.90 -0.72 -1.98	8.88 -0.09 -7.24	7.94 -0.02 -7.70	15.80 -0.72 -6.27	36.65 -2.40 -1.41	39.20 -2.47 -0.47	26.11 -1.71 -2.02	16.48 -1.21 -1.03	10.91 -0.31 -6.82	14.84 -0.82 -3.69	11.81 -0.38 -7.06	22.95 -1.33 -0.41
LONG_LAKE_PHOENIX 24014	29.27 -0.32 0.00	26.90 -0.30 0.00	26.14 -0.30 0.00	25.14 -0.30 0.00	25.90 -0.30 0.00	25.25 -0.32 0.00	24.85 -0.37 0.00	27.78 -0.47 0.00	33.88 -0.63 0.00	24.76 -0.49 -0.65	7.66 -0.08 -3.81	5.42 -0.03 -3.44	18.71 -0.32 -1.39	6.77 -0.03 -5.06	5.65 -0.01 -5.38	14.44 -0.20 -4.39	37.84 -0.78 -0.98	40.77 -0.77 -0.33	26.77 -0.47 -1.45	17.15 -0.28 -0.77	9.44 -0.07 -5.12	14.56 -0.18 -2.77	10.34 -0.08 -5.29	23.84 -0.34 -0.30
LOVETT___3 23632	30.76 1.18 0.00	28.23 1.03 0.00	27.42 0.98 0.00	26.37 0.93 0.00	27.12 0.93 0.00	26.50 0.92 0.00	26.38 1.16 0.00	29.66 1.42 0.00	36.42 1.90 0.00	29.55 1.39 -3.56	24.97 0.22 -20.83	20.94 0.11 -18.82	26.24 1.01 -7.59	29.52 0.10 -27.68	29.73 0.02 -29.44	34.90 0.65 -24.00	45.30 2.29 -5.38	45.63 2.63 -1.80	35.42 1.65 -7.97	21.97 1.02 -4.29	32.97 0.28 -28.30	28.03 0.76 -15.30	34.70 0.31 -29.26	26.94 1.38 -1.68
LOVETT___4 23642	30.76 1.18 0.00	28.23 1.03 0.00	27.42 0.98 0.00	26.37 0.93 0.00	27.12 0.93 0.00	26.50 0.92 0.00	26.38 1.16 0.00	29.66 1.42 0.00	36.42 1.90 0.00	29.55 1.39 -3.56	24.97 0.22 -20.83	20.94 0.11 -18.82	26.24 1.01 -7.59	29.52 0.10 -27.68	29.73 0.02 -29.44	34.90 0.65 -24.00	45.30 2.29 -5.38	45.63 2.63 -1.80	35.42 1.65 -7.97	21.97 1.02 -4.29	32.97 0.28 -28.30	28.03 0.76 -15.30	34.70 0.31 -29.26	26.94 1.38 -1.68
LOVETT___5 23593	30.76 1.18 0.00	28.23 1.03 0.00	27.42 0.98 0.00	26.37 0.93 0.00	27.12 0.93 0.00	26.50 0.92 0.00	26.38 1.16 0.00	29.66 1.42 0.00	36.42 1.90 0.00	29.55 1.39 -3.56	24.97 0.22 -20.83	20.94 0.11 -18.82	26.24 1.01 -7.59	29.52 0.10 -27.68	29.73 0.02 -29.44	34.90 0.65 -24.00	45.30 2.29 -5.38	45.63 2.63 -1.80	35.42 1.65 -7.97	21.97 1.02 -4.29	32.97 0.28 -28.30	28.03 0.76 -15.30	34.70 0.31 -29.26	26.94 1.38 -1.68
LOWER RAQUET___HYD 24057	29.29 -0.30 0.00	26.78 -0.42 0.00	26.13 -0.32 0.00	25.17 -0.26 0.00	25.90 -0.29 0.00	25.48 -0.10 0.00	25.06 -0.16 0.00	28.33 0.09 0.00	34.47 -0.04 0.00	25.02 0.24 -0.18	5.02 0.02 -1.08	2.95 -0.03 -0.98	17.91 -0.13 -0.39	3.18 0.00 -1.44	1.81 0.01 -1.53	11.48 -0.02 -1.25	38.72 0.80 -0.28	41.09 -0.21 -0.09	25.87 -0.33 -0.41	16.44 -0.44 -0.22	5.68 -0.17 -1.46	12.20 -0.56 -0.79	6.53 -0.11 -1.51	23.33 -0.62 -0.09
LOWER___HUDSON 24059	30.28 0.69 0.00	27.89 0.69 0.00	27.16 0.72 0.00	26.14 0.71 0.00	26.90 0.71 0.00	26.33 0.75 0.00	26.04 0.82 0.00	29.12 0.87 0.00	35.69 1.18 0.00	29.93 0.91 -4.43	29.96 0.15 -25.89	25.47 0.08 -23.39	27.75 0.67 -9.43	36.20 0.07 -34.40	36.87 0.01 -36.58	40.47 0.39 -29.83	45.81 1.49 -6.68	44.93 1.49 -2.24	36.62 0.93 -9.90	22.62 0.63 -5.32	39.69 0.16 -35.14	31.41 0.44 -19.00	41.64 0.18 -36.33	26.78 0.82 -2.09
LOWVILLE_115KV_TB2 356335	29.53 -0.06 0.00	26.90 -0.30 0.00	26.20 -0.24 0.00	25.34 -0.09 0.00	26.26 0.07 0.00	25.66 0.08 0.00	25.38 0.15 0.00	28.64 0.39 0.00	34.78 0.27 0.00	24.93 0.04 -0.29	5.58 -0.03 -1.69	3.50 -0.04 -1.53	17.97 -0.29 -0.62	3.97 -0.02 -2.25	2.67 0.01 -2.39	12.20 0.01 -1.95	38.72 0.65 -0.44	41.77 0.42 -0.15	26.35 -0.08 -0.64	16.84 -0.17 -0.35	6.59 -0.07 -2.28	12.82 -0.38 -1.23	7.29 -0.20 -2.36	23.14 -0.87 -0.13
LUTHERFT_115KV_GLOB_FND_222 355753	30.82 1.23 0.00	28.40 1.20 0.00	27.63 1.19 0.00	26.59 1.16 0.00	27.37 1.18 0.00	26.81 1.23 0.00	26.54 1.31 0.00	29.69 1.45 0.00	36.40 1.89 0.00	30.49 1.38 -4.50	30.46 0.22 -26.32	25.90 0.11 -23.78	28.20 0.97 -9.58	36.80 0.09 -34.97	37.48 0.02 -37.19	41.14 0.57 -30.32	46.59 2.16 -6.79	45.73 2.25 -2.28	37.23 1.38 -10.06	22.98 0.91 -5.41	40.34 0.24 -35.72	31.92 0.63 -19.31	42.34 0.28 -36.93	27.27 1.27 -2.13
LUTHERNY_35_KV_BK2 355980	30.83 1.24 0.00	28.42 1.23 0.00	27.64 1.19 0.00	26.60 1.16 0.00	27.38 1.19 0.00	26.82 1.24 0.00	26.54 1.31 0.00	29.71 1.47 0.00	36.43 1.92 0.00	30.50 1.40 -4.50	30.46 0.22 -26.32	25.90 0.11 -23.78	28.20 0.97 -9.58	36.80 0.10 -34.97	37.48 0.02 -37.19	41.16 0.58 -30.32	46.61 2.18 -6.79	45.75 2.28 -2.28	37.25 1.40 -10.06	22.99 0.92 -5.41	40.35 0.24 -35.72	31.93 0.64 -19.31	42.34 0.27 -36.93	27.28 1.29 -2.13
LWR___OSWEGATCHIE_HYD 23850	29.18 -0.41 0.00	26.62 -0.58 0.00	25.97 -0.48 0.00	25.06 -0.37 0.00	25.87 -0.32 0.00	25.37 -0.20 0.00	25.02 -0.20 0.00	28.26 0.02 0.00	34.34 -0.17 0.00	24.77 -0.08 -0.25	5.33 -0.04 -1.45	3.26 -0.05 -1.31	17.80 -0.37 -0.53	3.64 -0.02 -1.93	2.32 0.00 -2.05	11.83 -0.09 -1.67	38.45 0.44 -0.37	41.11 -0.22 -0.12	25.94 -0.41 -0.55	16.52 -0.43 -0.29	6.18 -0.16 -1.95	12.46 -0.56 -1.05	6.95 -0.19 -2.01	23.07 -0.91 -0.12
LYONS_FALL_HYD 23570	29.75 0.17 0.00	27.19 -0.01 0.00	26.47 0.02 0.00	25.55 0.11 0.00	26.41 0.21 0.00	25.82 0.24 0.00	25.51 0.29 0.00	28.72 0.48 0.00	34.95 0.43 0.00	25.06 0.19 -0.27	5.52 0.00 -1.59	3.43 -0.01 -1.44	18.13 -0.09 -0.58	3.85 0.00 -2.12	2.53 0.00 -2.25	12.17 0.08 -1.84	38.81 0.76 -0.41	42.00 0.66 -0.14	26.59 0.19 -0.61	17.03 0.04 -0.32	6.52 -0.01 -2.14	12.99 -0.15 -1.16	7.26 -0.09 -2.22	23.61 -0.38 -0.13
MADISON___COUNTY_LFGE 323628	30.26 0.67 0.00	27.79 0.59 0.00	27.03 0.58 0.00	26.01 0.57 0.00	26.80 0.61 0.00	26.21 0.63 0.00	25.87 0.65 0.00	29.01 0.77 0.00	35.33 0.82 0.00	25.49 0.46 -0.43	6.50 0.06 -2.52	4.31 0.03 -2.28	18.78 0.21 -0.92	5.11 0.02 -3.35	3.84 0.00 -3.57	13.36 0.20 -2.91	39.26 0.97 -0.65	42.57 1.15 -0.22	27.40 0.65 -0.96	17.57 0.40 -0.51	7.89 0.10 -3.40	14.04 0.23 -1.84	8.73 0.09 -3.52	24.46 0.39 -0.20

MALONE___115KV_TB1 356076	29.48 -0.11 0.00	27.03 -0.16 0.00	26.45 0.01 0.00	25.48 0.05 0.00	26.18 0.00 0.00	25.81 0.23 0.00	25.34 0.11 0.00	28.66 0.42 0.00	35.01 0.50 0.00	25.46 0.71 -0.15	4.91 0.09 -0.89	2.79 -0.02 -0.81	17.97 0.00 -0.33	2.95 0.02 -1.19	1.55 0.02 -1.27	11.36 0.08 -1.03	39.18 1.31 -0.23	41.64 0.36 -0.08	26.09 -0.04 -0.34	16.56 -0.28 -0.18	5.46 -0.13 -1.20	12.18 -0.44 -0.65	6.32 -0.06 -1.24	23.53 -0.41 -0.07
MAPLEWOD_115KV_TB3 80458	30.10 0.51 0.00	27.71 0.51 0.00	26.97 0.52 0.00	25.95 0.52 0.00	26.71 0.52 0.00	26.18 0.60 0.00	25.86 0.63 0.00	28.92 0.68 0.00	35.43 0.92 0.00	29.72 0.71 -4.41	29.81 0.12 -25.77	25.35 0.06 -23.28	27.54 0.52 -9.39	36.03 0.05 -34.24	36.70 0.01 -36.42	40.26 0.32 -29.69	45.49 1.20 -6.65	44.68 1.24 -2.23	36.45 0.80 -9.86	22.52 0.56 -5.29	39.51 0.14 -34.98	31.25 0.37 -18.91	41.45 0.15 -36.16	26.61 0.66 -2.08
MAPLE_RIDGE_WT_1 323574	29.17 -0.42 0.00	26.73 -0.47 0.00	26.03 -0.42 0.00	25.05 -0.38 0.00	25.87 -0.32 0.00	25.34 -0.24 0.00	24.97 -0.26 0.00	28.07 -0.17 0.00	34.26 -0.25 0.00	24.63 -0.06 -0.09	4.41 -0.03 -0.52	2.44 -0.03 -0.47	17.63 -0.20 -0.19	2.42 -0.01 -0.69	1.00 0.00 -0.73	10.73 -0.12 -0.59	37.77 0.00 -0.13	40.67 -0.58 -0.05	25.44 -0.55 -0.20	16.28 -0.49 -0.11	4.94 -0.15 -0.69	11.92 -0.43 -0.37	5.72 -0.13 -0.72	23.23 -0.68 -0.04
MAPLE_RIDGE_WT_2 323611	29.17 -0.42 0.00	26.73 -0.47 0.00	26.03 -0.42 0.00	25.05 -0.38 0.00	25.87 -0.32 0.00	25.34 -0.24 0.00	24.97 -0.26 0.00	28.07 -0.17 0.00	34.26 -0.25 0.00	24.63 -0.06 -0.09	4.41 -0.03 -0.52	2.44 -0.03 -0.47	17.63 -0.20 -0.19	2.42 -0.01 -0.69	1.00 0.00 -0.73	10.73 -0.12 -0.59	37.77 0.00 -0.13	40.67 -0.58 -0.05	25.44 -0.55 -0.20	16.28 -0.49 -0.11	4.94 -0.15 -0.69	11.92 -0.43 -0.37	5.72 -0.13 -0.72	23.23 -0.68 -0.04
MARBLE_RIVER_WT_PWR 323696	29.20 -0.39 0.00	26.84 -0.36 0.00	26.28 -0.17 0.00	25.33 -0.10 0.00	26.01 -0.18 0.00	25.64 0.06 0.00	25.14 -0.08 0.00	28.38 0.14 0.00	34.70 0.19 0.00	25.21 0.48 -0.14	4.78 0.05 -0.80	2.68 -0.05 -0.73	17.66 -0.27 -0.29	2.80 0.00 -1.07	1.42 0.01 -1.13	11.11 -0.06 -0.93	38.65 0.80 -0.21	41.13 -0.14 -0.07	25.69 -0.41 -0.31	16.30 -0.52 -0.16	5.28 -0.20 -1.08	11.95 -0.60 -0.58	6.12 -0.13 -1.12	23.23 -0.71 -0.06
MARSHVLE_115KV_TB1 80742	31.27 1.68 0.00	28.66 1.46 0.00	27.77 1.33 0.00	26.73 1.30 0.00	27.56 1.37 0.00	26.89 1.32 0.00	26.52 1.29 0.00	29.92 1.68 0.00	36.43 1.92 0.00	31.23 1.14 -5.49	36.18 0.17 -32.10	31.08 0.08 -29.00	29.93 0.60 -11.69	44.43 0.05 -42.65	45.64 0.01 -45.36	47.68 0.45 -36.98	47.87 1.94 -8.28	46.23 2.25 -2.78	39.46 1.40 -12.27	24.07 0.82 -6.59	48.16 0.21 -43.55	36.08 0.56 -23.55	50.43 0.27 -45.03	27.64 1.18 -2.59
MARSH_HILL_WT_PWR 323713	29.45 -0.14 0.00	27.21 0.01 0.00	26.32 -0.13 0.00	25.48 0.05 0.00	26.34 0.14 0.00	25.81 0.23 0.00	25.35 0.13 0.00	28.58 0.34 0.00	34.82 0.31 0.00	25.62 -0.12 -1.14	10.52 -0.06 -6.66	8.01 -0.01 -6.01	19.90 -0.17 -2.42	10.57 -0.01 -8.84	9.67 -0.01 -9.41	17.62 -0.30 -7.67	38.16 -1.19 -1.72	40.76 -1.02 -0.58	27.23 -1.02 -2.46	16.80 -1.10 -1.24	12.25 -0.30 -8.17	15.59 -0.80 -4.41	13.20 -0.38 -8.44	23.10 -1.26 -0.49
MCINTYRE_115KV_TB2 80467	29.74 0.15 0.00	27.19 -0.01 0.00	26.53 0.08 0.00	25.53 0.10 0.00	26.26 0.07 0.00	25.85 0.27 0.00	25.43 0.21 0.00	28.76 0.52 0.00	34.90 0.39 0.00	25.27 0.49 -0.17	5.01 0.06 -1.02	2.92 -0.01 -0.92	18.10 0.08 -0.37	3.12 0.02 -1.36	1.73 0.01 -1.45	11.54 0.11 -1.18	39.37 1.46 -0.26	41.76 0.48 -0.09	26.28 0.10 -0.39	16.68 -0.19 -0.21	5.66 -0.10 -1.37	12.34 -0.38 -0.74	6.53 -0.02 -1.42	23.73 -0.22 -0.08
MECO_____69_KV_BK1 80468	31.40 1.81 0.00	28.82 1.62 0.00	27.91 1.47 0.00	26.90 1.47 0.00	27.75 1.55 0.00	27.13 1.55 0.00	26.77 1.55 0.00	30.18 1.94 0.00	36.23 1.72 0.00	30.34 0.51 -5.23	34.53 0.05 -30.55	29.63 0.03 -27.60	28.93 0.17 -11.13	42.34 0.01 -40.59	43.44 0.01 -43.17	46.18 0.73 -35.19	48.46 2.93 -7.88	47.07 3.22 -2.65	39.45 1.98 -11.68	24.18 1.25 -6.28	46.16 0.31 -41.45	35.22 0.83 -22.41	48.36 0.37 -42.86	27.94 1.60 -2.47
MENANDS___115KV_TB5 355628	29.92 0.33 0.00	27.55 0.35 0.00	26.81 0.37 0.00	25.80 0.37 0.00	26.56 0.37 0.00	26.04 0.46 0.00	25.72 0.50 0.00	28.74 0.50 0.00	35.21 0.70 0.00	29.56 0.56 -4.40	29.74 0.09 -25.73	25.30 0.05 -23.24	27.44 0.43 -9.37	35.96 0.04 -34.18	36.63 0.01 -36.35	40.15 0.26 -29.64	45.23 0.95 -6.64	44.39 0.96 -2.23	36.25 0.63 -9.84	22.40 0.46 -5.29	39.41 0.11 -34.92	31.14 0.29 -18.88	41.35 0.12 -36.10	26.46 0.51 -2.08
MG INDUSTRY___DRP 24185	29.98 0.39 0.00	27.59 0.39 0.00	26.85 0.40 0.00	25.83 0.39 0.00	26.58 0.39 0.00	26.02 0.44 0.00	25.72 0.49 0.00	28.77 0.53 0.00	35.23 0.72 0.00	29.50 0.54 -4.36	29.51 0.09 -25.50	25.09 0.05 -23.04	27.34 0.41 -9.29	35.66 0.04 -33.88	36.32 0.01 -36.04	39.87 0.24 -29.38	45.09 0.87 -6.58	44.34 0.93 -2.21	36.15 0.61 -9.75	22.32 0.42 -5.24	39.11 0.10 -34.61	30.98 0.28 -18.72	41.03 0.11 -35.79	26.44 0.51 -2.06
MID___OSWEGATCHIE_HYD 23849	29.18 -0.41 0.00	26.62 -0.58 0.00	25.97 -0.48 0.00	25.06 -0.37 0.00	25.87 -0.32 0.00	25.37 -0.20 0.00	25.02 -0.20 0.00	28.26 0.02 0.00	34.34 -0.17 0.00	24.77 -0.08 -0.25	5.33 -0.04 -1.45	3.26 -0.05 -1.31	17.80 -0.37 -0.53	3.64 -0.02 -1.93	2.32 0.00 -2.05	11.83 -0.09 -1.67	38.45 0.44 -0.37	41.11 -0.22 -0.12	25.94 -0.41 -0.55	16.52 -0.43 -0.29	6.18 -0.16 -1.95	12.46 -0.56 -1.05	6.95 -0.19 -2.01	23.07 -0.91 -0.12
MID___RAQUETTE_HYD 23851	29.29 -0.30 0.00	26.78 -0.42 0.00	26.13 -0.32 0.00	25.17 -0.26 0.00	25.90 -0.29 0.00	25.48 -0.10 0.00	25.06 -0.16 0.00	28.33 0.09 0.00	34.47 -0.04 0.00	25.02 0.24 -0.18	5.02 0.02 -1.08	2.95 -0.03 -0.98	17.90 -0.14 -0.39	3.18 0.00 -1.44	1.81 0.01 -1.53	11.48 -0.02 -1.25	38.73 0.81 -0.28	41.09 -0.21 -0.09	25.87 -0.33 -0.41	16.44 -0.45 -0.22	5.68 -0.17 -1.46	12.20 -0.56 -0.79	6.53 -0.11 -1.51	23.34 -0.62 -0.09
MILLIKEN___1 23584	30.31 0.72 0.00	27.80 0.60 0.00	27.02 0.57 0.00	25.97 0.53 0.00	26.80 0.60 0.00	26.15 0.57 0.00	25.80 0.57 0.00	28.87 0.63 0.00	35.17 0.66 0.00	26.01 0.31 -1.10	10.40 0.04 -6.44	7.85 0.02 -5.82	20.22 0.23 -2.35	10.32 0.02 -8.56	9.38 0.00 -9.10	17.81 0.14 -7.42	39.94 0.63 -1.66	42.67 0.91 -0.56	28.81 0.57 -2.45	18.34 0.38 -1.30	13.09 0.10 -8.59	16.91 0.29 -4.65	14.12 0.10 -8.89	24.88 0.49 -0.51
MILLIKEN___2 23585	30.31 0.72 0.00	27.80 0.60 0.00	27.02 0.57 0.00	25.97 0.53 0.00	26.80 0.60 0.00	26.15 0.57 0.00	25.80 0.57 0.00	28.87 0.63 0.00	35.17 0.66 0.00	26.01 0.31 -1.10	10.40 0.04 -6.44	7.85 0.02 -5.82	20.22 0.23 -2.35	10.32 0.02 -8.56	9.38 0.00 -9.10	17.81 0.14 -7.42	39.94 0.63 -1.66	42.67 0.91 -0.56	28.81 0.57 -2.45	18.34 0.38 -1.30	13.09 0.10 -8.59	16.91 0.29 -4.65	14.12 0.10 -8.89	24.88 0.49 -0.51

MILLIKEN___DIESEL 23629	30.31 0.72 0.00	27.80 0.60 0.00	27.02 0.57 0.00	25.97 0.53 0.00	26.80 0.60 0.00	26.15 0.57 0.00	25.80 0.57 0.00	28.87 0.63 0.00	35.17 0.66 0.00	26.01 0.31 -1.10	10.40 0.04 -6.44	7.85 0.02 -5.82	20.22 0.23 -2.35	10.32 0.02 -8.56	9.38 0.00 -9.10	17.81 0.14 -7.42	39.94 0.63 -1.66	42.67 0.91 -0.56	28.81 0.57 -2.45	18.34 0.38 -1.30	13.09 0.10 -8.59	16.91 0.29 -4.65	14.12 0.10 -8.89	24.88 0.49 -0.51
MILLSEAT___LFGE 323607	29.92 0.33 0.00	27.72 0.52 0.00	26.85 0.40 0.00	25.76 0.33 0.00	26.50 0.30 0.00	25.73 0.15 0.00	24.89 -0.34 0.00	27.87 -0.37 0.00	33.76 -0.75 0.00	24.79 -0.73 -0.93	9.22 -0.12 -5.42	6.85 -0.05 -4.90	18.99 -0.63 -1.97	8.86 -0.08 -7.20	7.91 -0.02 -7.66	15.88 -0.62 -6.25	37.13 -1.91 -1.40	39.81 -1.86 -0.47	26.48 -1.33 -2.02	16.73 -0.96 -1.03	10.94 -0.25 -6.80	14.99 -0.67 -3.68	11.85 -0.31 -7.03	23.22 -1.05 -0.40
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.75 1.16 0.00	28.21 1.01 0.00	27.41 0.97 0.00	26.36 0.92 0.00	27.10 0.91 0.00	26.49 0.91 0.00	26.30 1.08 0.00	29.57 1.33 0.00	36.28 1.77 0.00	29.54 1.30 -3.64	25.38 0.21 -21.26	21.32 0.10 -19.20	26.33 0.94 -7.74	30.08 0.09 -28.24	30.33 0.02 -30.04	35.35 0.61 -24.49	45.26 2.14 -5.49	45.50 2.45 -1.84	35.47 1.55 -8.13	21.98 0.95 -4.37	33.53 0.26 -28.88	28.29 0.71 -15.61	35.28 0.29 -29.85	26.88 1.29 -1.72
MILLWOOD_13_KV_LOAD 356217	30.81 1.23 0.00	28.28 1.08 0.00	27.48 1.03 0.00	26.42 0.98 0.00	27.16 0.97 0.00	26.54 0.97 0.00	26.36 1.13 0.00	29.64 1.40 0.00	36.37 1.86 0.00	29.60 1.36 -3.64	25.39 0.21 -21.26	21.32 0.11 -19.20	26.37 0.98 -7.74	30.08 0.10 -28.24	30.33 0.02 -30.04	35.37 0.63 -24.49	45.37 2.25 -5.49	45.61 2.57 -1.84	35.55 1.62 -8.13	22.03 1.00 -4.37	33.54 0.27 -28.88	28.32 0.74 -15.61	35.29 0.30 -29.85	26.93 1.34 -1.72
MODEL_CITY_ENERGY 24167	29.13 -0.46 0.00	27.03 -0.17 0.00	26.18 -0.26 0.00	25.13 -0.31 0.00	25.82 -0.37 0.00	25.15 -0.43 0.00	24.32 -0.91 0.00	27.20 -1.04 0.00	32.98 -1.53 0.00	24.30 -1.23 -0.94	9.18 -0.21 -5.47	6.86 -0.09 -4.94	18.72 -0.92 -1.99	8.89 -0.11 -7.26	7.97 -0.03 -7.73	15.71 -0.84 -6.30	36.22 -2.83 -1.41	38.73 -2.95 -0.47	25.83 -1.99 -2.03	16.31 -1.38 -1.04	10.88 -0.36 -6.85	14.72 -0.95 -3.70	11.78 -0.43 -7.08	22.70 -1.57 -0.41
MODERN_LFGE___ 323580	29.13 -0.46 0.00	27.03 -0.17 0.00	26.18 -0.26 0.00	25.13 -0.31 0.00	25.82 -0.37 0.00	25.15 -0.43 0.00	24.32 -0.91 0.00	27.20 -1.04 0.00	32.98 -1.53 0.00	24.30 -1.23 -0.94	9.18 -0.21 -5.47	6.86 -0.09 -4.94	18.72 -0.92 -1.99	8.89 -0.11 -7.26	7.97 -0.03 -7.73	15.71 -0.84 -6.30	36.22 -2.83 -1.41	38.73 -2.95 -0.47	25.83 -1.99 -2.03	16.31 -1.38 -1.04	10.88 -0.36 -6.85	14.72 -0.95 -3.70	11.78 -0.43 -7.08	22.70 -1.57 -0.41
MOHAWK_PAPER___DRP 24187	30.10 0.51 0.00	27.71 0.51 0.00	26.97 0.52 0.00	25.95 0.52 0.00	26.71 0.52 0.00	26.18 0.60 0.00	25.86 0.63 0.00	28.92 0.68 0.00	35.43 0.92 0.00	29.72 0.71 -4.41	29.81 0.12 -25.77	25.35 0.06 -23.28	27.54 0.52 -9.39	36.03 0.05 -34.24	36.70 0.01 -36.42	40.26 0.32 -29.69	45.49 1.20 -6.65	44.68 1.24 -2.23	36.45 0.80 -9.86	22.52 0.56 -5.29	39.51 0.14 -34.98	31.25 0.37 -18.91	41.45 0.15 -36.16	26.61 0.66 -2.08
MOHICAN__35_KV_115KV_LD 80490	31.10 1.51 0.00	28.72 1.53 0.00	27.93 1.49 0.00	26.90 1.46 0.00	27.69 1.50 0.00	27.19 1.61 0.00	26.98 1.75 0.00	30.14 1.89 0.00	37.00 2.49 0.00	30.95 1.85 -4.51	30.56 0.29 -26.34	25.95 0.15 -23.80	28.51 1.28 -9.59	36.86 0.12 -35.00	37.52 0.02 -37.22	41.31 0.71 -30.35	47.10 2.66 -6.80	46.18 2.69 -2.28	37.46 1.60 -10.07	23.13 1.05 -5.41	40.42 0.28 -35.75	32.06 0.76 -19.33	42.43 0.34 -36.96	27.65 1.65 -2.13
MONGAUP___HYD 23641	30.89 1.30 0.00	28.42 1.22 0.00	27.54 1.09 0.00	26.47 1.03 0.00	27.30 1.11 0.00	26.67 1.09 0.00	26.43 1.20 0.00	29.74 1.50 0.00	36.42 1.91 0.00	29.19 1.28 -3.31	23.43 0.16 -19.35	19.56 0.07 -17.48	25.35 0.65 -7.05	27.52 0.07 -25.71	27.63 0.01 -27.35	33.10 0.55 -22.30	44.68 2.05 -5.00	45.33 2.45 -1.68	34.76 1.57 -7.40	21.64 1.00 -3.98	30.97 0.28 -26.30	26.88 0.68 -14.22	32.60 0.27 -27.19	26.65 1.21 -1.57
MONTAUK___DIESEL 23721	32.34 2.75 0.00	29.62 2.42 0.00	28.59 2.15 0.00	27.58 2.14 0.00	28.39 2.20 0.00	27.83 2.25 0.00	27.73 2.50 0.00	31.24 2.99 0.00	38.76 4.24 0.00	31.32 3.05 -3.67	33.26 0.50 -28.85	21.54 0.23 -19.31	27.48 2.05 -7.78	30.32 0.19 -28.40	30.51 0.04 -30.20	39.90 1.33 -28.32	396.01 4.57 -353.80	147.74 4.97 -101.57	161.32 3.30 -132.23	120.86 2.09 -102.12	228.46 0.55 -223.52	353.13 1.51 -339.64	152.09 0.63 -146.32	28.58 2.98 -1.73
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.49 0.90 0.00	28.13 0.94 0.00	27.43 0.98 0.00	26.25 0.81 0.00	27.01 0.81 0.00	26.38 0.81 0.00	25.72 0.49 0.00	28.87 0.63 0.00	35.28 0.77 0.00	25.93 0.33 -1.01	9.81 0.02 -5.88	7.35 0.03 -5.31	19.97 0.19 -2.14	9.54 -0.01 -7.81	8.57 -0.01 -8.30	16.72 -0.30 -6.77	37.97 -1.19 -1.52	40.79 -0.92 -0.51	26.98 -0.98 -2.17	16.92 -0.84 -1.10	11.46 -0.18 -7.25	15.44 -0.45 -3.92	12.37 -0.26 -7.49	23.44 -0.86 -0.43
MORTIMER_115KV_TB3 55949	29.69 0.10 0.00	27.42 0.23 0.00	26.59 0.15 0.00	25.53 0.10 0.00	26.28 0.08 0.00	25.62 0.04 0.00	25.05 -0.18 0.00	28.06 -0.19 0.00	34.07 -0.44 0.00	25.01 -0.42 -0.83	8.74 -0.06 -4.88	6.38 -0.03 -4.41	19.11 -0.31 -1.78	8.18 -0.04 -6.48	7.15 -0.01 -6.89	15.55 -0.32 -5.62	37.90 -1.00 -1.26	40.66 -0.96 -0.42	26.93 -0.69 -1.83	17.11 -0.50 -0.95	10.53 -0.13 -6.27	15.04 -0.33 -3.39	11.46 -0.15 -6.48	23.72 -0.52 -0.37
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.89 1.30 0.00	28.33 1.14 0.00	27.52 1.07 0.00	26.47 1.03 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.43 1.21 0.00	29.74 1.50 0.00	36.49 1.98 0.00	29.71 1.46 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.48 1.05 -7.78	30.24 0.10 -28.40	30.49 0.02 -30.20	35.54 0.67 -24.62	45.55 2.40 -5.52	45.80 2.75 -1.85	35.71 1.75 -8.17	22.13 1.08 -4.39	33.72 0.30 -29.03	28.46 0.80 -15.70	35.47 0.33 -30.01	27.04 1.45 -1.73
MUNSVILLE_WIND_PWR 323609	31.63 2.05 0.00	28.91 1.72 0.00	28.18 1.73 0.00	27.09 1.66 0.00	27.79 1.60 0.00	27.08 1.50 0.00	27.04 1.81 0.00	30.38 2.14 0.00	36.91 2.39 0.00	27.47 1.38 -1.49	12.82 0.19 -8.72	9.95 0.07 -7.88	21.50 0.68 -3.18	13.40 0.07 -11.59	12.60 0.00 -12.32	21.10 0.81 -10.05	43.26 3.37 -2.25	46.14 4.19 -0.76	31.76 2.64 -3.33	20.08 1.64 -1.78	16.58 0.41 -11.77	19.44 1.10 -6.37	17.73 0.43 -12.17	26.17 1.60 -0.70
N SALMON___HYD 24042	29.48 -0.11 0.00	27.03 -0.16 0.00	26.45 0.01 0.00	25.48 0.05 0.00	26.18 0.00 0.00	25.81 0.23 0.00	25.34 0.11 0.00	28.66 0.42 0.00	35.01 0.50 0.00	25.46 0.71 -0.15	4.91 0.09 -0.89	2.79 -0.02 -0.81	17.97 0.00 -0.33	2.95 0.02 -1.19	1.55 0.02 -1.27	11.36 0.08 -1.03	39.17 1.30 -0.23	41.64 0.36 -0.08	26.09 -0.04 -0.34	16.57 -0.28 -0.18	5.46 -0.13 -1.20	12.18 -0.44 -0.65	6.31 -0.06 -1.24	23.53 -0.41 -0.07

N.AKRON__115KV_KNAPP 355671	29.82 0.23 0.00	27.63 0.43 0.00	26.76 0.31 0.00	25.68 0.24 0.00	26.40 0.20 0.00	25.65 0.07 0.00	24.85 -0.37 0.00	27.83 -0.41 0.00	33.74 -0.77 0.00	24.79 -0.74 -0.93	9.21 -0.12 -5.42	6.85 -0.05 -4.89	19.00 -0.62 -1.97	8.86 -0.08 -7.20	7.91 -0.02 -7.66	15.87 -0.61 -6.24	37.07 -1.97 -1.40	39.73 -1.94 -0.47	26.43 -1.38 -2.01	16.70 -0.99 -1.03	10.93 -0.26 -6.80	14.97 -0.68 -3.68	11.85 -0.32 -7.03	23.21 -1.07 -0.40
N.BELMOR_69_KV_BK1 55787	31.19 1.60 0.00	28.62 1.42 0.00	27.60 1.16 0.00	26.65 1.22 0.00	27.43 1.24 0.00	26.85 1.27 0.00	26.69 1.47 0.00	30.03 1.78 0.00	37.06 2.55 0.00	30.15 1.89 -3.66	25.60 0.31 -21.37	21.45 0.14 -19.31	26.73 1.30 -7.78	30.26 0.12 -28.40	30.50 0.03 -30.20	35.71 0.84 -24.62	45.90 2.75 -5.52	46.05 3.00 -1.85	36.00 2.03 -8.17	22.32 1.26 -4.39	33.76 0.34 -29.03	28.63 0.96 -15.70	35.55 0.41 -30.02	27.44 1.84 -1.73
N.E_GEN_SANDY PD 24062	29.93 0.65 0.32	27.83 0.63 0.00	27.10 0.65 0.00	26.08 0.64 0.00	26.81 0.62 0.00	26.24 0.66 0.00	25.98 0.76 0.00	29.10 0.86 0.00	35.70 1.20 0.00	34.04 0.93 -8.51	27.75 0.15 -23.68	23.48 0.08 -21.39	26.99 0.72 -8.62	33.27 0.07 -31.46	33.75 0.01 -33.46	37.95 0.42 -27.28	46.54 1.57 -7.33	42.43 1.65 0.42	34.71 1.03 -7.90	22.20 0.67 -4.87	36.72 0.18 -32.15	30.14 0.47 -17.69	37.72 0.19 -32.39	25.84 0.83 -1.14
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.78 1.19 0.00	28.24 1.04 0.00	27.44 0.99 0.00	26.38 0.95 0.00	27.14 0.94 0.00	26.51 0.93 0.00	26.37 1.14 0.00	29.65 1.41 0.00	36.39 1.88 0.00	29.51 1.37 -3.55	24.87 0.21 -20.74	20.85 0.11 -18.73	26.18 0.99 -7.55	29.39 0.10 -27.55	29.59 0.02 -29.30	34.78 0.64 -23.89	45.24 2.25 -5.35	45.58 2.59 -1.80	35.35 1.63 -7.93	21.93 1.00 -4.26	32.83 0.27 -28.17	27.95 0.74 -15.23	34.56 0.30 -29.13	26.91 1.36 -1.68
N.QUEENS_27_KV_LOAD 356247	31.00 1.42 0.00	28.43 1.23 0.00	27.59 1.15 0.00	26.53 1.10 0.00	27.29 1.10 0.00	26.68 1.10 0.00	26.44 1.21 0.00	29.71 1.47 0.00	36.45 1.94 0.00	29.69 1.44 -3.66	25.52 0.23 -21.37	21.44 0.13 -19.31	26.46 1.03 -7.78	30.23 0.09 -28.39	30.49 0.02 -30.20	35.54 0.67 -24.62	45.49 2.33 -5.52	45.70 2.66 -1.84	35.66 1.69 -8.17	22.11 1.05 -4.39	33.70 0.28 -29.03	28.45 0.78 -15.69	35.46 0.32 -30.01	27.06 1.46 -1.73
N.TROY___115KV_TB1 355778	30.28 0.69 0.00	27.89 0.69 0.00	27.16 0.72 0.00	26.14 0.71 0.00	26.90 0.71 0.00	26.33 0.76 0.00	26.04 0.82 0.00	29.12 0.87 0.00	35.69 1.18 0.00	29.93 0.90 -4.43	29.96 0.15 -25.89	25.47 0.08 -23.39	27.75 0.67 -9.43	36.20 0.07 -34.40	36.87 0.01 -36.58	40.47 0.39 -29.83	45.81 1.49 -6.68	44.94 1.49 -2.24	36.62 0.93 -9.90	22.62 0.63 -5.32	39.69 0.16 -35.14	31.41 0.44 -19.00	41.64 0.18 -36.33	26.78 0.82 -2.09
NARROWS_GT1_1 24228	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT1_2 24229	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT1_3 24230	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT1_4 24231	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT1_5 24232	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT1_6 24233	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT1_7 24234	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT1_8 24235	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT2_1 24236	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73

NARROWS_GT2_2 24237	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT2_3 24238	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT2_4 24239	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT2_5 24240	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT2_6 24241	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT2_7 24242	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NARROWS_GT2_8 24243	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.83 1.24 0.00	28.40 1.20 0.00	27.63 1.19 0.00	26.58 1.15 0.00	27.39 1.20 0.00	26.93 1.35 0.00	26.61 1.39 0.00	29.76 1.52 0.00	36.48 1.97 0.00	30.01 1.25 -4.16	28.43 0.19 -24.31	24.06 0.09 -21.96	27.21 0.72 -8.85	34.11 0.07 -32.31	34.64 0.01 -34.36	38.83 0.57 -28.01	46.31 2.39 -6.28	46.02 2.72 -2.11	36.81 1.72 -9.30	22.84 1.18 -5.00	37.69 0.29 -33.01	30.60 0.78 -17.85	39.56 0.30 -34.13	27.24 1.41 -1.96
NCHELSEA_115KV_TR2 355582	30.90 1.31 0.00	28.36 1.16 0.00	27.56 1.11 0.00	26.50 1.07 0.00	27.26 1.07 0.00	26.66 1.08 0.00	26.45 1.22 0.00	29.73 1.49 0.00	36.48 1.97 0.00	29.68 1.43 -3.65	25.46 0.22 -21.32	21.38 0.11 -19.26	26.41 1.00 -7.77	30.17 0.10 -28.33	30.42 0.02 -30.13	35.46 0.65 -24.57	45.50 2.36 -5.50	45.76 2.72 -1.85	35.65 1.70 -8.16	22.09 1.05 -4.39	33.63 0.28 -28.96	28.39 0.75 -15.66	35.38 0.31 -29.94	26.96 1.37 -1.72
NEG CAPITAL___MECHNVIL 23645	30.76 1.17 0.00	28.34 1.14 0.00	27.58 1.14 0.00	26.54 1.10 0.00	27.31 1.12 0.00	26.74 1.17 0.00	26.49 1.26 0.00	29.64 1.39 0.00	36.35 1.84 0.00	30.43 1.35 -4.48	30.32 0.22 -26.19	25.77 0.11 -23.66	28.13 0.95 -9.54	36.62 0.09 -34.79	37.29 0.02 -37.00	40.98 0.57 -30.17	46.54 2.15 -6.76	45.71 2.24 -2.27	37.18 1.38 -10.01	22.95 0.91 -5.38	40.16 0.24 -35.54	31.82 0.63 -19.21	42.14 0.27 -36.74	27.21 1.23 -2.12
NEG CENTRAL_HIGH_ACRES 23767	29.08 -0.51 0.00	26.83 -0.37 0.00	26.03 -0.42 0.00	25.01 -0.43 0.00	25.74 -0.45 0.00	25.12 -0.46 0.00	24.60 -0.63 0.00	27.55 -0.69 0.00	33.49 -1.02 0.00	24.60 -0.82 -0.82	8.59 -0.13 -4.79	6.27 -0.07 -4.33	18.77 -0.61 -1.75	8.04 -0.07 -6.37	7.03 -0.01 -6.78	15.34 -0.44 -5.52	37.38 -1.50 -1.24	40.10 -1.52 -0.42	26.57 -1.03 -1.80	16.90 -0.71 -0.94	10.42 -0.18 -6.22	14.85 -0.48 -3.36	11.34 -0.22 -6.43	23.36 -0.88 -0.37
NEG CENTRAL___DRP 24199	29.81 0.22 0.00	27.41 0.22 0.00	26.62 0.18 0.00	25.58 0.15 0.00	26.40 0.21 0.00	25.77 0.19 0.00	25.36 0.14 0.00	28.39 0.15 0.00	34.57 0.06 0.00	25.34 -0.11 -0.85	8.86 -0.03 -4.97	6.49 0.00 -4.49	19.36 -0.09 -1.81	8.33 -0.01 -6.61	7.29 0.00 -7.02	15.89 -0.09 -5.73	38.65 -0.28 -1.28	41.51 -0.12 -0.43	27.50 -0.16 -1.87	17.51 -0.13 -0.98	10.84 -0.02 -6.47	15.42 -0.06 -3.50	11.77 -0.05 -6.69	24.16 -0.09 -0.38
NEG CENTRAL___INDECK 23768	30.49 0.90 0.00	28.10 0.90 0.00	27.23 0.79 0.00	26.20 0.77 0.00	27.02 0.83 0.00	26.43 0.85 0.00	25.88 0.65 0.00	29.09 0.84 0.00	35.14 0.63 0.00	25.65 0.03 -1.02	9.84 -0.01 -5.94	7.37 0.00 -5.36	19.74 -0.06 -2.16	9.61 -0.01 -7.89	8.65 -0.01 -8.39	16.88 -0.20 -6.84	39.01 -0.16 -1.53	42.01 0.30 -0.51	28.01 0.02 -2.20	17.58 -0.19 -1.11	11.70 -0.05 -7.36	15.84 -0.11 -3.98	12.66 -0.08 -7.61	24.23 -0.08 -0.44
NEG CENTRAL___SENECA 23627	29.96 0.37 0.00	27.55 0.36 0.00	26.76 0.31 0.00	25.71 0.28 0.00	26.53 0.34 0.00	25.90 0.32 0.00	25.48 0.25 0.00	28.57 0.33 0.00	34.76 0.25 0.00	25.50 0.00 -0.90	9.19 -0.01 -5.29	6.79 0.00 -4.78	19.54 -0.03 -1.92	8.76 -0.01 -7.03	7.74 -0.01 -7.47	16.27 -0.07 -6.09	38.82 -0.18 -1.37	41.68 0.02 -0.46	27.64 -0.13 -1.98	17.54 -0.15 -1.03	11.14 -0.02 -6.78	15.57 -0.06 -3.66	12.08 -0.06 -7.01	24.20 -0.08 -0.40
NEG CENTRAL___STATE_STREET 24147	29.96 0.37 0.00	27.47 0.27 0.00	26.68 0.23 0.00	25.65 0.21 0.00	26.54 0.35 0.00	25.88 0.31 0.00	25.50 0.27 0.00	28.43 0.19 0.00	34.62 0.11 0.00	25.41 -0.03 -0.84	8.80 -0.01 -4.89	6.43 0.00 -4.42	19.42 0.00 -1.78	8.24 0.00 -6.50	7.18 0.00 -6.91	15.87 -0.02 -5.64	38.85 -0.05 -1.26	41.71 0.09 -0.42	27.67 0.03 -1.85	17.71 0.07 -0.98	10.90 0.03 -6.48	15.57 0.09 -3.51	11.85 0.01 -6.71	24.36 0.10 -0.39

NEG MILLWOOD___DRP 24198	30.97 1.38 0.00	28.42 1.22 0.00	27.62 1.17 0.00	26.54 1.11 0.00	27.31 1.11 0.00	26.70 1.13 0.00	26.50 1.27 0.00	29.81 1.57 0.00	36.61 2.10 0.00	29.81 1.53 -3.68	25.68 0.24 -21.52	21.57 0.12 -19.44	26.56 1.08 -7.84	30.44 0.11 -28.60	30.70 0.02 -30.41	35.74 0.69 -24.79	45.71 2.52 -5.56	45.97 2.90 -1.86	35.85 1.83 -8.23	22.22 1.13 -4.42	33.93 0.30 -29.23	28.60 0.82 -15.80	35.69 0.33 -30.22	27.10 1.49 -1.74
NEG NORTH_FLCN_SEA 23793	29.56 -0.03 0.00	27.18 -0.01 0.00	26.63 0.18 0.00	25.69 0.25 0.00	26.39 0.19 0.00	26.03 0.45 0.00	25.53 0.30 0.00	28.76 0.52 0.00	35.26 0.75 0.00	25.61 0.87 -0.14	4.84 0.12 -0.81	2.71 -0.02 -0.73	17.89 -0.04 -0.30	2.83 0.02 -1.07	1.43 0.02 -1.14	11.25 0.07 -0.93	39.20 1.36 -0.21	41.80 0.53 -0.07	26.12 0.02 -0.31	16.58 -0.24 -0.16	5.36 -0.12 -1.08	12.14 -0.42 -0.59	6.19 -0.07 -1.12	23.60 -0.33 -0.06
NEG NORTH_KES_CHATEGAY 23792	29.23 -0.36 0.00	26.85 -0.35 0.00	26.28 -0.16 0.00	25.33 -0.10 0.00	26.01 -0.18 0.00	25.63 0.05 0.00	25.14 -0.09 0.00	28.38 0.14 0.00	34.69 0.18 0.00	25.23 0.49 -0.14	4.81 0.06 -0.83	2.71 -0.05 -0.75	17.73 -0.22 -0.30	2.85 0.00 -1.10	1.46 0.01 -1.17	11.17 -0.03 -0.96	38.73 0.88 -0.21	41.16 -0.11 -0.07	25.74 -0.37 -0.32	16.34 -0.49 -0.17	5.32 -0.19 -1.11	11.99 -0.59 -0.60	6.17 -0.11 -1.15	23.30 -0.64 -0.07
NEG NORTH___ALICE_FALLS 23915	29.60 0.01 0.00	27.22 0.02 0.00	26.65 0.20 0.00	25.70 0.26 0.00	26.40 0.21 0.00	26.04 0.46 0.00	25.55 0.32 0.00	28.80 0.56 0.00	35.30 0.79 0.00	25.65 0.91 -0.14	4.85 0.13 -0.81	2.72 -0.02 -0.73	17.92 -0.02 -0.30	2.84 0.02 -1.08	1.44 0.02 -1.14	11.29 0.10 -0.93	39.35 1.51 -0.21	41.97 0.70 -0.07	26.23 0.13 -0.31	16.65 -0.18 -0.16	5.37 -0.11 -1.09	12.19 -0.38 -0.59	6.21 -0.04 -1.13	23.66 -0.28 -0.06
NEG NORTH___LWR_SARANAC 23913	29.60 0.01 0.00	27.22 0.02 0.00	26.65 0.20 0.00	25.70 0.26 0.00	26.40 0.21 0.00	26.04 0.46 0.00	25.55 0.32 0.00	28.80 0.56 0.00	35.30 0.79 0.00	25.65 0.91 -0.14	4.85 0.13 -0.81	2.72 -0.02 -0.73	17.92 -0.02 -0.30	2.84 0.02 -1.08	1.44 0.02 -1.14	11.29 0.10 -0.93	39.35 1.51 -0.21	41.97 0.70 -0.07	26.23 0.13 -0.31	16.65 -0.18 -0.16	5.37 -0.11 -1.09	12.19 -0.38 -0.59	6.21 -0.04 -1.13	23.66 -0.28 -0.06
NEG NORTH___PLATTSBURG 23628	29.60 0.01 0.00	27.22 0.02 0.00	26.65 0.20 0.00	25.70 0.26 0.00	26.40 0.21 0.00	26.04 0.46 0.00	25.54 0.32 0.00	28.80 0.56 0.00	35.30 0.79 0.00	25.65 0.91 -0.14	4.85 0.12 -0.81	2.72 -0.02 -0.73	17.92 -0.02 -0.30	2.84 0.02 -1.08	1.44 0.02 -1.14	11.29 0.10 -0.93	39.34 1.50 -0.21	41.97 0.70 -0.07	26.23 0.13 -0.31	16.65 -0.18 -0.16	5.37 -0.11 -1.09	12.19 -0.38 -0.59	6.21 -0.04 -1.13	23.65 -0.29 -0.06
NEG WEST_LEA_LOCKPORT 23791	29.44 -0.15 0.00	27.31 0.12 0.00	26.46 0.01 0.00	25.39 -0.05 0.00	26.09 -0.10 0.00	25.38 -0.19 0.00	24.58 -0.65 0.00	27.52 -0.72 0.00	33.38 -1.13 0.00	24.57 -0.97 -0.93	9.21 -0.16 -5.45	6.86 -0.07 -4.92	18.90 -0.72 -1.98	8.88 -0.09 -7.24	7.94 -0.02 -7.70	15.80 -0.72 -6.27	36.64 -2.41 -1.41	39.20 -2.47 -0.47	26.10 -1.72 -2.02	16.49 -1.21 -1.03	10.90 -0.31 -6.82	14.84 -0.83 -3.69	11.81 -0.38 -7.06	22.96 -1.32 -0.41
NEG WEST___LANCASTR 23811	30.25 0.66 0.00	27.96 0.76 0.00	27.11 0.66 0.00	26.00 0.56 0.00	26.75 0.56 0.00	26.03 0.45 0.00	25.37 0.14 0.00	28.48 0.24 0.00	34.63 0.12 0.00	25.44 -0.16 -1.00	9.73 -0.05 -5.86	7.30 0.00 -5.29	19.67 -0.11 -2.13	9.50 -0.02 -7.78	8.54 -0.01 -8.28	16.68 -0.32 -6.75	38.15 -1.00 -1.51	40.85 -0.86 -0.51	27.11 -0.84 -2.17	17.08 -0.68 -1.09	11.45 -0.17 -7.23	15.41 -0.47 -3.91	12.36 -0.25 -7.47	23.59 -0.71 -0.43
NEG_PENN_ALLEGHNY 23528	30.07 0.48 0.00	27.60 0.40 0.00	26.84 0.39 0.00	25.77 0.33 0.00	26.55 0.36 0.00	25.90 0.32 0.00	25.53 0.30 0.00	28.62 0.38 0.00	34.97 0.46 0.00	26.38 0.21 -1.57	13.14 0.02 -9.20	10.33 0.02 -8.31	21.18 0.19 -3.35	13.97 0.02 -12.22	13.27 0.00 -13.00	20.94 0.10 -10.59	40.30 0.29 -2.37	42.48 0.48 -0.80	29.61 0.31 -3.51	18.75 0.20 -1.89	16.90 0.06 -12.44	18.88 0.17 -6.73	18.05 0.06 -12.86	24.95 0.34 -0.74
NEG___GEN_MONROE 24207	29.91 0.33 0.00	27.72 0.52 0.00	26.92 0.48 0.00	25.87 0.44 0.00	26.61 0.42 0.00	25.97 0.39 0.00	25.40 0.17 0.00	28.41 0.17 0.00	34.39 -0.12 0.00	25.21 -0.23 -0.83	8.77 -0.03 -4.88	6.40 -0.02 -4.41	19.21 -0.21 -1.78	8.19 -0.03 -6.48	7.15 -0.01 -6.89	15.63 -0.24 -5.62	38.22 -0.68 -1.26	41.07 -0.55 -0.42	27.18 -0.44 -1.83	17.27 -0.34 -0.95	10.57 -0.09 -6.27	15.14 -0.22 -3.39	11.51 -0.11 -6.48	23.91 -0.33 -0.37
NEPA___ENERGY 23901	30.09 0.50 0.00	27.68 0.49 0.00	26.94 0.49 0.00	25.74 0.30 0.00	26.55 0.35 0.00	25.83 0.25 0.00	25.23 0.00 0.00	28.32 0.08 0.00	34.57 0.05 0.00	25.37 -0.25 -1.02	9.78 -0.07 -5.93	7.36 -0.01 -5.36	19.71 -0.09 -2.16	9.60 -0.02 -7.88	8.65 -0.01 -8.38	16.80 -0.28 -6.83	38.01 -1.16 -1.53	40.75 -0.97 -0.51	26.97 -1.02 -2.19	17.03 -0.74 -1.11	11.56 -0.14 -7.31	15.57 -0.35 -3.95	12.47 -0.21 -7.55	23.80 -0.51 -0.43
NEVERSINK___HYD 23608	30.57 0.98 0.00	28.04 0.84 0.00	27.22 0.77 0.00	26.17 0.74 0.00	26.93 0.73 0.00	26.31 0.73 0.00	26.10 0.87 0.00	29.36 1.12 0.00	36.03 1.52 0.00	28.97 1.06 -3.31	23.43 0.14 -19.37	19.57 0.07 -17.50	25.36 0.67 -7.05	27.53 0.06 -25.73	27.65 0.01 -27.37	33.06 0.50 -22.31	44.50 1.86 -5.00	45.16 2.28 -1.68	34.65 1.45 -7.41	21.51 0.86 -3.99	30.94 0.23 -26.32	26.81 0.61 -14.23	32.59 0.25 -27.21	26.51 1.08 -1.57
NEWKRMKL_115KV_TB1 55635	29.80 0.21 0.00	27.42 0.22 0.00	26.69 0.24 0.00	25.68 0.25 0.00	26.44 0.24 0.00	25.95 0.37 0.00	25.62 0.40 0.00	28.62 0.38 0.00	35.06 0.55 0.00	29.44 0.44 -4.40	29.73 0.08 -25.73	25.30 0.04 -23.25	27.36 0.34 -9.37	35.96 0.03 -34.19	36.64 0.01 -36.36	40.11 0.22 -29.65	45.07 0.79 -6.64	44.23 0.80 -2.23	36.16 0.53 -9.84	22.34 0.39 -5.29	39.41 0.09 -34.93	31.10 0.24 -18.88	41.34 0.09 -36.11	26.36 0.42 -2.08
NEWTON___FALLS_HYD 23847	29.18 -0.41 0.00	26.62 -0.58 0.00	25.97 -0.48 0.00	25.06 -0.37 0.00	25.87 -0.32 0.00	25.37 -0.20 0.00	25.02 -0.20 0.00	28.26 0.02 0.00	34.34 -0.17 0.00	24.77 -0.08 -0.25	5.33 -0.04 -1.45	3.26 -0.05 -1.31	17.80 -0.37 -0.53	3.64 -0.02 -1.93	2.32 0.00 -2.05	11.83 -0.09 -1.67	38.45 0.44 -0.37	41.11 -0.22 -0.12	25.94 -0.41 -0.55	16.52 -0.43 -0.29	6.18 -0.16 -1.95	12.46 -0.56 -1.05	6.95 -0.19 -2.01	23.07 -0.91 -0.12
NGRID_A1_DSASP 323792	29.01 -0.58 0.00	26.93 -0.27 0.00	26.10 -0.35 0.00	25.05 -0.39 0.00	25.72 -0.47 0.00	25.02 -0.56 0.00	24.21 -1.02 0.00	27.09 -1.15 0.00	32.85 -1.66 0.00	24.23 -1.30 -0.94	9.20 -0.19 -5.47	6.86 -0.09 -4.94	18.70 -0.94 -2.00	8.90 -0.11 -7.27	7.97 -0.03 -7.74	15.68 -0.87 -6.31	36.10 -2.95 -1.41	38.54 -3.13 -0.47	25.71 -2.11 -2.03	16.24 -1.46 -1.04	10.86 -0.38 -6.85	14.68 -1.00 -3.71	11.77 -0.44 -7.08	22.64 -1.64 -0.41

NGRID_A2_DSASP 323793	29.01 -0.58 0.00	26.93 -0.27 0.00	26.10 -0.35 0.00	25.05 -0.39 0.00	25.72 -0.47 0.00	25.02 -0.56 0.00	24.21 -1.02 0.00	27.09 -1.15 0.00	32.85 -1.66 0.00	24.23 -1.30 -0.94	9.20 -0.19 -5.47	6.86 -0.09 -4.94	18.70 -0.94 -2.00	8.90 -0.11 -7.27	7.97 -0.03 -7.74	15.68 -0.87 -6.31	36.10 -2.95 -1.41	38.54 -3.13 -0.47	25.71 -2.11 -2.03	16.24 -1.46 -1.04	10.86 -0.38 -6.85	14.68 -1.00 -3.71	11.77 -0.44 -7.08	22.64 -1.64 -0.41
NGRID_A4_DSASP 323807	29.01 -0.58 0.00	26.93 -0.27 0.00	26.10 -0.35 0.00	25.05 -0.39 0.00	25.72 -0.47 0.00	25.02 -0.56 0.00	24.21 -1.02 0.00	27.09 -1.15 0.00	32.85 -1.66 0.00	24.23 -1.30 -0.94	9.20 -0.19 -5.47	6.86 -0.09 -4.94	18.70 -0.94 -2.00	8.90 -0.11 -7.27	7.97 -0.03 -7.74	15.68 -0.87 -6.31	36.10 -2.95 -1.41	38.54 -3.13 -0.47	25.71 -2.11 -2.03	16.24 -1.46 -1.04	10.86 -0.38 -6.85	14.68 -1.00 -3.71	11.77 -0.44 -7.08	22.64 -1.64 -0.41
NIAGARA_115E_LBMP 323715	28.96 -0.64 0.00	26.88 -0.32 0.00	26.04 -0.41 0.00	24.99 -0.45 0.00	25.68 -0.51 0.00	25.02 -0.56 0.00	24.18 -1.05 0.00	27.02 -1.22 0.00	32.77 -1.74 0.00	24.16 -1.37 -0.94	9.18 -0.23 -5.49	6.87 -0.10 -4.96	18.63 -1.01 -2.00	8.91 -0.12 -7.29	7.99 -0.03 -7.75	15.67 -0.90 -6.32	36.00 -3.06 -1.42	38.46 -3.22 -0.48	25.67 -2.16 -2.04	16.22 -1.49 -1.04	10.87 -0.39 -6.87	14.66 -1.03 -3.71	11.77 -0.46 -7.10	22.58 -1.70 -0.41
NIAGARA_115W_LBMP 323714	28.94 -0.65 0.00	26.87 -0.32 0.00	26.04 -0.41 0.00	24.99 -0.45 0.00	25.67 -0.53 0.00	24.97 -0.61 0.00	24.15 -1.07 0.00	27.03 -1.21 0.00	32.77 -1.74 0.00	24.18 -1.35 -0.94	9.18 -0.21 -5.47	6.85 -0.09 -4.94	18.65 -0.98 -1.99	8.89 -0.11 -7.27	7.97 -0.03 -7.73	15.66 -0.89 -6.30	36.02 -3.03 -1.41	38.45 -3.23 -0.47	25.66 -2.16 -2.03	16.21 -1.49 -1.04	10.85 -0.39 -6.85	14.65 -1.03 -3.70	11.76 -0.45 -7.08	22.59 -1.68 -0.41
NIAGARA_230_LBMP 323716	29.14 -0.45 0.00	27.05 -0.14 0.00	26.21 -0.24 0.00	25.15 -0.28 0.00	25.84 -0.35 0.00	25.14 -0.44 0.00	24.34 -0.88 0.00	27.25 -0.99 0.00	33.06 -1.45 0.00	24.37 -1.15 -0.93	9.17 -0.18 -5.43	6.83 -0.08 -4.90	18.80 -0.82 -1.98	8.85 -0.10 -7.21	7.92 -0.03 -7.67	15.72 -0.78 -6.26	36.37 -2.67 -1.40	38.86 -2.81 -0.47	25.90 -1.91 -2.02	16.36 -1.34 -1.03	10.85 -0.34 -6.81	14.75 -0.90 -3.68	11.76 -0.41 -7.04	22.79 -1.49 -0.40
NIAGARA__115KV_198_GIBSON 55903	28.94 -0.65 0.00	26.87 -0.32 0.00	26.04 -0.41 0.00	24.99 -0.44 0.00	25.67 -0.52 0.00	24.95 -0.63 0.00	24.15 -1.07 0.00	27.03 -1.21 0.00	32.77 -1.74 0.00	24.18 -1.36 -0.94	9.18 -0.20 -5.47	6.86 -0.09 -4.94	18.64 -0.99 -1.99	8.88 -0.13 -7.27	7.97 -0.03 -7.73	15.66 -0.89 -6.30	36.02 -3.03 -1.41	38.45 -3.23 -0.47	25.65 -2.17 -2.03	16.21 -1.48 -1.04	10.85 -0.39 -6.85	14.65 -1.03 -3.70	11.76 -0.45 -7.08	22.60 -1.68 -0.41
NIAGARA____ 23760	29.14 -0.45 0.00	27.05 -0.14 0.00	26.21 -0.24 0.00	25.15 -0.28 0.00	25.84 -0.35 0.00	25.14 -0.44 0.00	24.34 -0.88 0.00	27.25 -0.99 0.00	33.06 -1.45 0.00	24.38 -1.15 -0.93	9.20 -0.18 -5.47	6.87 -0.08 -4.94	18.81 -0.82 -1.99	8.91 -0.10 -7.27	7.97 -0.03 -7.73	15.76 -0.78 -6.30	36.37 -2.67 -1.41	38.86 -2.81 -0.47	25.91 -1.91 -2.03	16.36 -1.34 -1.04	10.89 -0.34 -6.84	14.76 -0.90 -3.70	11.81 -0.41 -7.08	22.79 -1.49 -0.41
NINE_MILE_1 23575	28.94 -0.64 0.00	26.61 -0.59 0.00	25.86 -0.59 0.00	24.87 -0.57 0.00	25.62 -0.58 0.00	24.99 -0.59 0.00	24.57 -0.65 0.00	27.46 -0.79 0.00	33.48 -1.03 0.00	24.41 -0.75 -0.56	7.08 -0.12 -3.27	4.91 -0.06 -2.96	18.32 -0.51 -1.19	6.04 -0.05 -4.35	4.89 -0.01 -4.63	13.70 -0.32 -3.77	37.26 -1.22 -0.85	40.18 -1.31 -0.28	26.24 -0.80 -1.25	16.84 -0.49 -0.67	8.66 -0.13 -4.40	14.02 -0.33 -2.38	9.54 -0.14 -4.55	23.51 -0.62 -0.26
NINE_MILE_2 23744	28.95 -0.64 0.00	26.61 -0.59 0.00	25.86 -0.59 0.00	24.87 -0.57 0.00	25.62 -0.58 0.00	24.99 -0.59 0.00	24.58 -0.65 0.00	27.46 -0.79 0.00	33.48 -1.03 0.00	24.41 -0.75 -0.56	7.07 -0.12 -3.27	4.90 -0.06 -2.95	18.32 -0.51 -1.19	6.02 -0.05 -4.34	4.87 -0.01 -4.61	13.69 -0.32 -3.76	37.26 -1.22 -0.84	40.18 -1.30 -0.28	26.23 -0.80 -1.24	16.84 -0.49 -0.67	8.65 -0.13 -4.39	14.02 -0.33 -2.37	9.53 -0.14 -4.53	23.52 -0.61 -0.26
NM_CAPITAL____DRP 24208	29.86 0.27 0.00	27.48 0.28 0.00	26.75 0.30 0.00	25.74 0.31 0.00	26.50 0.31 0.00	25.99 0.41 0.00	25.67 0.44 0.00	28.68 0.44 0.00	35.12 0.61 0.00	29.48 0.49 -4.39	29.67 0.08 -25.67	25.24 0.05 -23.19	27.37 0.38 -9.35	35.88 0.04 -34.10	36.54 0.01 -36.27	40.05 0.23 -29.57	45.11 0.85 -6.62	44.28 0.86 -2.22	36.17 0.56 -9.82	22.35 0.41 -5.27	39.33 0.10 -34.84	31.07 0.26 -18.83	41.25 0.10 -36.02	26.40 0.46 -2.07
NM_CENTRAL____DRP 24181	29.50 -0.09 0.00	27.12 -0.08 0.00	26.35 -0.09 0.00	25.34 -0.10 0.00	26.10 -0.09 0.00	25.47 -0.11 0.00	25.06 -0.17 0.00	28.02 -0.23 0.00	34.16 -0.35 0.00	24.99 -0.30 -0.69	7.88 -0.05 -4.01	5.61 -0.02 -3.62	18.93 -0.18 -1.46	7.05 -0.02 -5.33	5.94 0.00 -5.67	14.74 -0.13 -4.62	38.12 -0.55 -1.04	40.99 -0.56 -0.35	26.97 -0.35 -1.53	17.30 -0.18 -0.82	9.74 -0.04 -5.39	14.80 -0.09 -2.92	10.66 -0.04 -5.58	24.02 -0.17 -0.32
NM_FRONTIER____DRP 24179	28.94 -0.65 0.00	26.87 -0.32 0.00	26.04 -0.41 0.00	24.99 -0.44 0.00	25.67 -0.52 0.00	24.95 -0.63 0.00	24.15 -1.07 0.00	27.03 -1.21 0.00	32.77 -1.74 0.00	24.18 -1.36 -0.94	9.18 -0.20 -5.47	6.86 -0.09 -4.94	18.64 -0.99 -1.99	8.88 -0.13 -7.27	7.97 -0.03 -7.73	15.66 -0.89 -6.30	36.02 -3.03 -1.41	38.45 -3.23 -0.47	25.65 -2.17 -2.03	16.21 -1.48 -1.04	10.85 -0.39 -6.85	14.65 -1.03 -3.70	11.76 -0.45 -7.08	22.60 -1.68 -0.41
NM_ST_REGIS____HYD 24053	29.33 -0.25 0.00	26.84 -0.35 0.00	26.22 -0.23 0.00	25.26 -0.18 0.00	25.97 -0.22 0.00	25.57 -0.01 0.00	25.13 -0.09 0.00	28.42 0.18 0.00	34.62 0.11 0.00	25.15 0.37 -0.18	5.01 0.04 -1.05	2.92 -0.03 -0.94	17.92 -0.10 -0.38	3.13 0.01 -1.39	1.76 0.01 -1.48	11.46 0.01 -1.20	38.86 0.95 -0.27	41.24 -0.05 -0.09	25.93 -0.25 -0.40	16.47 -0.40 -0.21	5.63 -0.16 -1.40	12.20 -0.53 -0.76	6.49 -0.10 -1.45	23.39 -0.57 -0.08
NORTHPORT____1 23551	31.22 1.63 0.00	28.62 1.42 0.00	27.64 1.20 0.00	26.68 1.25 0.00	27.46 1.27 0.00	26.90 1.32 0.00	26.74 1.52 0.00	30.08 1.84 0.00	37.13 2.63 0.00	30.20 1.94 -3.66	25.62 0.33 -21.37	21.46 0.15 -19.31	26.77 1.35 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	35.77 0.89 -24.62	45.97 2.81 -5.52	45.79 2.74 -1.85	36.02 2.05 -8.17	22.34 1.28 -4.39	33.76 0.33 -29.03	28.62 0.94 -15.70	35.55 0.41 -30.02	27.47 1.88 -1.73
NORTHPORT____2 23552	31.22 1.63 0.00	28.62 1.42 0.00	27.64 1.20 0.00	26.68 1.25 0.00	27.46 1.27 0.00	26.90 1.32 0.00	26.74 1.52 0.00	30.08 1.84 0.00	37.13 2.63 0.00	30.20 1.94 -3.66	25.62 0.33 -21.37	21.46 0.15 -19.31	26.77 1.35 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	35.77 0.89 -24.62	45.97 2.81 -5.52	45.79 2.74 -1.85	36.02 2.05 -8.17	22.34 1.28 -4.39	33.76 0.33 -29.03	28.62 0.94 -15.70	35.55 0.41 -30.02	27.47 1.88 -1.73

NORTHPORT___3 23553	31.01 1.42 0.00	28.48 1.29 0.00	27.49 1.04 0.00	26.54 1.11 0.00	27.31 1.12 0.00	26.73 1.15 0.00	26.56 1.33 0.00	29.87 1.63 0.00	36.88 2.37 0.00	30.03 1.78 -3.66	25.21 0.31 -20.98	21.45 0.14 -19.31	26.67 1.24 -7.78	30.25 0.11 -28.40	30.50 0.03 -30.20	35.50 0.82 -24.43	27.42 2.55 12.76	40.37 2.55 3.38	29.27 1.82 -1.66	17.07 1.15 0.73	23.52 0.30 -18.82	11.52 0.85 1.30	29.43 0.38 -23.91	27.34 1.75 -1.73
NORTHPORT___4 23650	31.01 1.42 0.00	28.48 1.29 0.00	27.49 1.04 0.00	26.54 1.11 0.00	27.31 1.12 0.00	26.73 1.15 0.00	26.56 1.33 0.00	29.87 1.63 0.00	36.88 2.37 0.00	30.03 1.78 -3.66	25.21 0.31 -20.98	21.45 0.14 -19.31	26.67 1.24 -7.78	30.25 0.11 -28.40	30.50 0.03 -30.20	35.50 0.82 -24.43	27.42 2.55 12.76	40.37 2.55 3.38	29.27 1.82 -1.66	17.07 1.15 0.73	23.52 0.30 -18.82	11.52 0.85 1.30	29.43 0.38 -23.91	27.34 1.75 -1.73
NORTHPORT___IC 23718	31.22 1.63 0.00	28.62 1.42 0.00	27.64 1.20 0.00	26.68 1.25 0.00	27.46 1.27 0.00	26.90 1.32 0.00	26.74 1.52 0.00	30.08 1.84 0.00	37.13 2.63 0.00	30.20 1.94 -3.66	25.62 0.33 -21.37	21.46 0.15 -19.31	26.77 1.35 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	35.77 0.89 -24.62	45.97 2.81 -5.52	45.79 2.74 -1.85	36.02 2.05 -8.17	22.34 1.28 -4.39	33.76 0.33 -29.03	28.62 0.94 -15.70	35.55 0.41 -30.02	27.47 1.88 -1.73
NORTH___COUNTRY_ESR 323785	29.16 -0.43 0.00	26.78 -0.42 0.00	26.20 -0.24 0.00	25.25 -0.18 0.00	25.93 -0.26 0.00	25.55 -0.03 0.00	25.07 -0.16 0.00	28.29 0.05 0.00	34.57 0.05 0.00	25.14 0.40 -0.14	4.79 0.04 -0.83	2.71 -0.05 -0.75	17.67 -0.27 -0.30	2.84 0.00 -1.10	1.46 0.01 -1.17	11.14 -0.07 -0.96	38.57 0.71 -0.21	40.97 -0.30 -0.07	25.62 -0.48 -0.32	16.26 -0.57 -0.17	5.30 -0.21 -1.12	11.94 -0.64 -0.60	6.15 -0.14 -1.15	23.19 -0.75 -0.07
NPX_GEN_1385_PROXY 323591	31.21 1.62 0.00	28.47 1.28 0.00	27.49 1.05 0.00	26.55 1.12 0.00	27.32 1.13 0.00	26.90 1.32 0.00	26.70 1.47 0.00	30.03 1.80 0.00	37.09 2.58 0.00	30.15 1.90 -3.66	25.59 0.30 -21.37	21.45 0.14 -19.31	26.74 1.31 -7.78	30.26 0.13 -28.40	30.50 0.03 -30.20	35.78 0.91 -24.62	46.41 3.26 -5.52	45.42 2.37 -1.85	36.17 2.20 -8.17	22.43 1.38 -4.39	33.76 0.33 -29.03	28.51 0.84 -15.70	35.52 0.37 -30.02	27.35 1.75 -1.73
NPX_GEN_CSC 323557	31.56 1.97 0.00	28.91 1.72 0.00	27.90 1.46 0.00	26.93 1.50 0.00	27.72 1.53 0.00	27.16 1.58 0.00	27.05 1.83 0.00	30.43 2.19 0.00	37.68 3.16 0.00	30.57 2.30 -3.67	33.19 0.39 -28.88	21.48 0.17 -19.31	26.93 1.50 -7.78	30.27 0.14 -28.40	30.51 0.03 -30.20	39.64 1.06 -28.34	395.96 3.25 -355.07	146.51 3.37 -101.94	160.77 2.30 -132.68	120.61 1.48 -102.47	229.01 0.39 -224.23	353.93 1.13 -340.83	152.37 0.48 -146.75	27.84 2.24 -1.73
NSINS_S_GLNS_FALLS 23858	31.11 1.52 0.00	28.72 1.52 0.00	27.94 1.50 0.00	26.90 1.47 0.00	27.69 1.50 0.00	27.19 1.61 0.00	26.97 1.75 0.00	30.12 1.88 0.00	36.99 2.47 0.00	30.94 1.83 -4.51	30.57 0.29 -26.36	25.96 0.14 -23.81	28.51 1.27 -9.60	36.89 0.12 -35.02	37.54 0.02 -37.25	41.32 0.70 -30.37	47.03 2.59 -6.80	46.12 2.64 -2.28	37.44 1.56 -10.08	23.10 1.03 -5.42	40.44 0.27 -35.78	32.05 0.73 -19.34	42.46 0.34 -36.99	27.65 1.65 -2.13
NUCOR_STEEL___DRP 24197	29.93 0.34 0.00	27.43 0.23 0.00	26.65 0.20 0.00	25.61 0.18 0.00	26.52 0.33 0.00	25.86 0.28 0.00	25.47 0.24 0.00	28.38 0.14 0.00	34.58 0.07 0.00	25.36 -0.05 -0.82	8.69 -0.01 -4.78	6.32 0.00 -4.32	19.37 -0.02 -1.74	8.09 0.00 -6.35	7.02 0.00 -6.75	15.73 -0.03 -5.51	38.78 -0.09 -1.23	41.64 0.03 -0.41	27.60 0.00 -1.82	17.68 0.06 -0.96	10.77 0.02 -6.36	15.50 0.09 -3.44	11.71 0.01 -6.57	24.34 0.09 -0.38
NUMBER_THREE_WT_PWR 323818	29.48 -0.11 0.00	26.85 -0.35 0.00	26.15 -0.30 0.00	25.30 -0.13 0.00	26.21 0.02 0.00	25.62 0.05 0.00	25.34 0.11 0.00	28.60 0.36 0.00	34.74 0.23 0.00	24.90 0.01 -0.29	5.59 -0.03 -1.70	3.51 -0.04 -1.54	17.95 -0.31 -0.62	3.98 -0.02 -2.27	2.69 0.00 -2.41	12.20 -0.01 -1.96	38.68 0.61 -0.44	41.69 0.35 -0.15	26.31 -0.13 -0.65	16.80 -0.21 -0.35	6.60 -0.08 -2.29	12.80 -0.42 -1.24	7.29 -0.22 -2.37	23.08 -0.93 -0.14
NYISO_LBMP_REFERENCE 24008	29.59 0.00 0.00	27.20 0.00 0.00	26.45 0.00 0.00	25.44 0.00 0.00	26.19 0.00 0.00	25.58 0.00 0.00	25.23 0.00 0.00	28.24 0.00 0.00	34.51 0.00 0.00	24.60 0.00 0.00	3.92 0.00 0.00	2.01 0.00 0.00	17.64 0.00 0.00	1.74 0.00 0.00	0.27 0.00 0.00	10.25 0.00 0.00	37.64 0.00 0.00	41.20 0.00 0.00	25.79 0.00 0.00	16.66 0.00 0.00	4.39 0.00 0.00	11.97 0.00 0.00	5.13 0.00 0.00	23.87 0.00 0.00
NYPA_BRENTWD____GT 24164	31.62 2.03 0.00	28.97 1.77 0.00	27.96 1.51 0.00	27.00 1.57 0.00	27.77 1.58 0.00	27.21 1.63 0.00	27.07 1.84 0.00	30.45 2.22 0.00	37.61 3.10 0.00	30.54 2.29 -3.66	26.42 0.38 -22.12	21.48 0.17 -19.31	26.97 1.54 -7.78	30.28 0.14 -28.40	30.50 0.03 -30.20	36.26 1.02 -24.99	80.87 2.94 -40.29	55.99 2.98 -11.81	48.79 2.44 -20.56	32.37 1.56 -14.15	53.25 0.41 -48.45	61.15 1.13 -48.04	47.24 0.48 -41.63	27.79 2.20 -1.73
NYPA_GOWANUS____GT5 24156	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NYPA_GOWANUS____GT6 24157	31.01 1.42 0.00	28.42 1.22 0.00	27.59 1.15 0.00	26.58 1.15 0.00	27.38 1.19 0.00	26.75 1.17 0.00	26.61 1.38 0.00	29.97 1.73 0.00	36.74 2.24 0.00	29.90 1.64 -3.66	25.55 0.25 -21.37	21.45 0.13 -19.31	26.56 1.14 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.61 0.74 -24.62	45.71 2.56 -5.52	46.00 2.95 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.55 0.88 -15.69	35.51 0.36 -30.01	27.17 1.58 -1.73
NYPA_HARLEM__RVR__GT1 24160	30.94 1.35 0.00	28.37 1.17 0.00	27.54 1.09 0.00	26.50 1.06 0.00	27.27 1.07 0.00	26.65 1.08 0.00	26.42 1.20 0.00	29.70 1.46 0.00	36.43 1.92 0.00	29.68 1.42 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.44 1.02 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.53 0.66 -24.62	45.46 2.30 -5.52	45.69 2.64 -1.85	35.64 1.67 -8.17	22.09 1.04 -4.39	33.70 0.28 -29.03	28.44 0.77 -15.69	35.46 0.32 -30.01	27.03 1.43 -1.73
NYPA_HARLEM__RVR__GT2 24161	30.94 1.35 0.00	28.37 1.17 0.00	27.54 1.09 0.00	26.50 1.06 0.00	27.27 1.07 0.00	26.65 1.08 0.00	26.42 1.20 0.00	29.70 1.46 0.00	36.43 1.92 0.00	29.68 1.42 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.44 1.02 -7.78	30.23 0.10 -28.39	30.49 0.02 -30.20	35.53 0.66 -24.62	45.46 2.30 -5.52	45.69 2.64 -1.85	35.64 1.67 -8.17	22.09 1.04 -4.39	33.70 0.28 -29.03	28.44 0.77 -15.69	35.46 0.32 -30.01	27.03 1.43 -1.73

PROJECT___ORANGE 2 24166	29.52 -0.07 0.00	27.14 -0.06 0.00	26.37 -0.08 0.00	25.35 -0.08 0.00	26.12 -0.08 0.00	25.48 -0.10 0.00	25.08 -0.15 0.00	28.03 -0.21 0.00	34.17 -0.34 0.00	25.00 -0.29 -0.69	7.93 -0.04 -4.05	5.65 -0.02 -3.66	18.95 -0.16 -1.48	7.10 -0.02 -5.38	5.99 -0.01 -5.72	14.79 -0.12 -4.67	38.15 -0.54 -1.05	41.02 -0.53 -0.35	27.01 -0.33 -1.54	17.32 -0.17 -0.83	9.80 -0.04 -5.45	14.84 -0.08 -2.95	10.73 -0.04 -5.63	24.04 -0.15 -0.32
PUCKETT___SOLAR 323809	30.40 0.81 0.00	27.85 0.66 0.00	27.10 0.66 0.00	26.03 0.60 0.00	26.79 0.59 0.00	26.13 0.55 0.00	25.82 0.59 0.00	28.94 0.70 0.00	35.30 0.79 0.00	26.62 0.43 -1.59	13.27 0.05 -9.31	10.44 0.02 -8.41	21.27 0.24 -3.39	14.13 0.03 -12.36	13.42 0.00 -13.15	21.18 0.21 -10.72	40.92 0.88 -2.40	43.23 1.22 -0.81	30.14 0.80 -3.56	19.08 0.51 -1.91	17.13 0.14 -12.60	19.16 0.37 -6.81	18.30 0.14 -13.03	25.25 0.63 -0.75
PYRITES___HYD 24023	29.72 0.13 0.00	27.16 -0.03 0.00	26.50 0.06 0.00	25.52 0.08 0.00	26.25 0.05 0.00	25.83 0.26 0.00	25.43 0.20 0.00	28.75 0.51 0.00	34.91 0.40 0.00	25.29 0.52 -0.18	5.04 0.06 -1.05	2.95 -0.01 -0.95	18.11 0.09 -0.38	3.16 0.02 -1.40	1.78 0.01 -1.49	11.59 0.12 -1.21	39.36 1.45 -0.27	41.78 0.49 -0.09	26.29 0.09 -0.40	16.69 -0.18 -0.21	5.70 -0.10 -1.42	12.36 -0.38 -0.77	6.57 -0.03 -1.46	23.71 -0.25 -0.08
QUAKERRD_115KV_BK1 80622	28.97 -0.62 0.00	26.74 -0.46 0.00	25.94 -0.51 0.00	24.92 -0.52 0.00	25.65 -0.54 0.00	25.02 -0.56 0.00	24.49 -0.73 0.00	27.42 -0.82 0.00	33.34 -1.18 0.00	24.51 -0.91 -0.82	8.57 -0.14 -4.79	6.27 -0.07 -4.33	18.71 -0.67 -1.75	8.04 -0.07 -6.37	7.03 -0.02 -6.78	15.29 -0.48 -5.52	37.20 -1.67 -1.24	39.89 -1.72 -0.42	26.43 -1.16 -1.80	16.81 -0.79 -0.94	10.39 -0.21 -6.20	14.78 -0.54 -3.35	11.30 -0.24 -6.41	23.27 -0.97 -0.37
QUENSBRY_115KV_TB8 356137	31.18 1.59 0.00	28.83 1.63 0.00	28.04 1.59 0.00	27.00 1.57 0.00	27.79 1.60 0.00	27.32 1.74 0.00	27.13 1.91 0.00	30.30 2.05 0.00	37.23 2.72 0.00	31.12 2.01 -4.51	30.61 0.32 -26.37	25.99 0.16 -23.82	28.63 1.39 -9.60	36.91 0.14 -35.03	37.56 0.03 -37.26	41.39 0.76 -30.38	47.32 2.88 -6.80	46.40 2.91 -2.28	37.58 1.70 -10.08	23.20 1.12 -5.42	40.48 0.30 -35.79	32.14 0.81 -19.35	42.50 0.36 -37.00	27.78 1.78 -2.13
RAMAPO___LBMP 323565	30.66 1.07 0.00	28.14 0.94 0.00	27.34 0.89 0.00	26.29 0.85 0.00	27.04 0.85 0.00	26.41 0.83 0.00	26.15 0.92 0.00	29.38 1.14 0.00	36.06 1.54 0.00	29.14 1.11 -3.43	24.15 0.17 -20.06	20.22 0.09 -18.12	25.74 0.79 -7.31	28.47 0.08 -26.66	28.63 0.01 -28.35	33.89 0.53 -23.11	44.64 1.83 -5.18	45.09 2.15 -1.74	34.80 1.33 -7.67	21.59 0.80 -4.13	31.87 0.22 -27.25	27.31 0.60 -14.74	33.56 0.25 -28.18	26.61 1.12 -1.62
RANKINE____ 23646	29.90 0.31 0.00	27.69 0.49 0.00	26.85 0.40 0.00	25.75 0.32 0.00	26.48 0.29 0.00	25.77 0.19 0.00	25.05 -0.18 0.00	28.09 -0.15 0.00	34.14 -0.37 0.00	25.12 -0.46 -0.98	9.54 -0.09 -5.71	7.14 -0.03 -5.16	19.39 -0.33 -2.08	9.27 -0.05 -7.58	8.32 -0.02 -8.07	16.33 -0.50 -6.58	37.46 -1.65 -1.47	40.09 -1.60 -0.49	26.65 -1.26 -2.11	16.79 -0.94 -1.07	11.24 -0.23 -7.08	15.19 -0.61 -3.83	12.16 -0.30 -7.33	23.34 -0.96 -0.42
RAVENSWOOD_GT2_1 24244	30.89 1.30 0.00	28.33 1.13 0.00	27.52 1.07 0.00	26.46 1.03 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.44 1.21 0.00	29.76 1.52 0.00	36.51 1.99 0.00	29.72 1.47 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.81 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.05 1.46 -1.73
RAVENSWOOD_GT2_2 24245	30.89 1.30 0.00	28.33 1.13 0.00	27.52 1.07 0.00	26.46 1.03 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.44 1.21 0.00	29.76 1.52 0.00	36.51 1.99 0.00	29.72 1.47 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.81 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.05 1.46 -1.73
RAVENSWOOD_GT2_3 24246	30.90 1.31 0.00	28.34 1.14 0.00	27.53 1.08 0.00	26.47 1.04 0.00	27.22 1.03 0.00	26.60 1.02 0.00	26.45 1.22 0.00	29.77 1.53 0.00	36.52 2.01 0.00	29.73 1.48 -3.66	25.52 0.23 -21.37	21.44 0.12 -19.31	26.49 1.07 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.56 0.69 -24.62	45.59 2.43 -5.52	45.84 2.79 -1.85	35.75 1.78 -8.17	22.15 1.10 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.69	35.48 0.33 -30.01	27.06 1.47 -1.73
RAVENSWOOD_GT2_4 24247	30.90 1.31 0.00	28.34 1.14 0.00	27.53 1.08 0.00	26.47 1.04 0.00	27.22 1.03 0.00	26.60 1.02 0.00	26.45 1.22 0.00	29.77 1.53 0.00	36.52 2.01 0.00	29.73 1.48 -3.66	25.52 0.23 -21.37	21.44 0.12 -19.31	26.49 1.07 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.56 0.69 -24.62	45.59 2.43 -5.52	45.84 2.79 -1.85	35.75 1.78 -8.17	22.15 1.10 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.69	35.48 0.33 -30.01	27.06 1.47 -1.73
RAVENSWOOD_GT3_1 24248	30.89 1.30 0.00	28.33 1.13 0.00	27.52 1.07 0.00	26.46 1.03 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.44 1.21 0.00	29.76 1.52 0.00	36.51 1.99 0.00	29.72 1.47 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.81 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.05 1.46 -1.73
RAVENSWOOD_GT3_2 24249	30.89 1.30 0.00	28.33 1.13 0.00	27.52 1.07 0.00	26.46 1.03 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.44 1.21 0.00	29.76 1.52 0.00	36.51 1.99 0.00	29.72 1.47 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.81 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.05 1.46 -1.73
RAVENSWOOD_GT3_3 24250	30.93 1.34 0.00	28.37 1.17 0.00	27.55 1.10 0.00	26.50 1.06 0.00	27.24 1.05 0.00	26.62 1.05 0.00	26.47 1.24 0.00	29.80 1.56 0.00	36.55 2.04 0.00	29.75 1.50 -3.66	25.53 0.24 -21.37	21.44 0.12 -19.31	26.51 1.09 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.62 2.47 -5.52	45.88 2.83 -1.85	35.77 1.81 -8.17	22.17 1.11 -4.39	33.72 0.30 -29.03	28.49 0.82 -15.69	35.48 0.34 -30.01	27.09 1.49 -1.73
RAVENSWOOD_GT3_4 24251	30.93 1.34 0.00	28.37 1.17 0.00	27.55 1.10 0.00	26.50 1.06 0.00	27.24 1.05 0.00	26.62 1.05 0.00	26.47 1.24 0.00	29.80 1.56 0.00	36.55 2.04 0.00	29.75 1.50 -3.66	25.53 0.24 -21.37	21.44 0.12 -19.31	26.51 1.09 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.62 2.47 -5.52	45.88 2.83 -1.85	35.77 1.81 -8.17	22.17 1.11 -4.39	33.72 0.30 -29.03	28.49 0.82 -15.69	35.48 0.34 -30.01	27.09 1.49 -1.73

RAVENSWOOD_GT_1 23729	30.95 1.36 0.00	28.38 1.18 0.00	27.56 1.12 0.00	26.53 1.10 0.00	27.30 1.11 0.00	26.68 1.10 0.00	26.52 1.30 0.00	29.87 1.63 0.00	36.63 2.12 0.00	29.81 1.56 -3.66	25.54 0.25 -21.37	21.44 0.13 -19.31	26.54 1.12 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.58 0.71 -24.62	45.68 2.53 -5.52	45.93 2.88 -1.85	35.81 1.85 -8.17	22.20 1.14 -4.39	33.73 0.31 -29.03	28.51 0.84 -15.69	35.49 0.35 -30.01	27.11 1.51 -1.73
RAVENSWOOD_GT_10 24258	30.89 1.30 0.00	28.33 1.13 0.00	27.52 1.07 0.00	26.46 1.03 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.44 1.21 0.00	29.76 1.52 0.00	36.51 1.99 0.00	29.72 1.46 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.80 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.05 1.46 -1.73
RAVENSWOOD_GT_11 24259	30.89 1.30 0.00	28.33 1.13 0.00	27.52 1.07 0.00	26.46 1.03 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.44 1.21 0.00	29.76 1.52 0.00	36.51 1.99 0.00	29.72 1.46 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.80 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.05 1.46 -1.73
RAVENSWOOD_GT_4 24252	30.89 1.30 0.00	28.33 1.14 0.00	27.52 1.07 0.00	26.47 1.03 0.00	27.21 1.01 0.00	26.59 1.01 0.00	26.43 1.21 0.00	29.75 1.51 0.00	36.50 1.99 0.00	29.71 1.46 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.80 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
RAVENSWOOD_GT_5 24254	30.89 1.30 0.00	28.33 1.14 0.00	27.52 1.07 0.00	26.47 1.03 0.00	27.21 1.01 0.00	26.59 1.01 0.00	26.43 1.21 0.00	29.75 1.51 0.00	36.50 1.99 0.00	29.71 1.46 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.80 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
RAVENSWOOD_GT_6 24253	30.89 1.30 0.00	28.33 1.14 0.00	27.52 1.07 0.00	26.47 1.03 0.00	27.21 1.01 0.00	26.59 1.01 0.00	26.43 1.21 0.00	29.75 1.51 0.00	36.50 1.99 0.00	29.71 1.46 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.80 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
RAVENSWOOD_GT_7 24255	30.89 1.30 0.00	28.33 1.14 0.00	27.52 1.07 0.00	26.47 1.03 0.00	27.21 1.01 0.00	26.59 1.01 0.00	26.43 1.21 0.00	29.75 1.51 0.00	36.50 1.99 0.00	29.71 1.46 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.80 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.89 1.30 0.00	28.33 1.13 0.00	27.52 1.07 0.00	26.46 1.03 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.44 1.21 0.00	29.76 1.52 0.00	36.51 1.99 0.00	29.72 1.46 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.80 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.05 1.46 -1.73
RAVENSWOOD_GT_9 24257	30.89 1.30 0.00	28.33 1.13 0.00	27.52 1.07 0.00	26.46 1.03 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.44 1.21 0.00	29.76 1.52 0.00	36.51 1.99 0.00	29.72 1.46 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.55 0.68 -24.62	45.56 2.41 -5.52	45.80 2.75 -1.85	35.73 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.05 1.46 -1.73
RAVENSWOOD___1 23533	30.90 1.31 0.00	28.33 1.14 0.00	27.52 1.07 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.62 1.05 0.00	26.47 1.25 0.00	29.81 1.57 0.00	36.55 2.04 0.00	29.76 1.51 -3.66	25.53 0.24 -21.37	21.44 0.12 -19.31	26.50 1.07 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.59 2.44 -5.52	45.84 2.79 -1.85	35.76 1.79 -8.17	22.16 1.10 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.69	35.48 0.33 -30.01	27.07 1.47 -1.73
RAVENSWOOD___2 23534	30.90 1.31 0.00	28.33 1.14 0.00	27.52 1.07 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.62 1.05 0.00	26.47 1.25 0.00	29.81 1.57 0.00	36.55 2.04 0.00	29.76 1.51 -3.66	25.53 0.24 -21.37	21.44 0.12 -19.31	26.50 1.07 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.59 2.44 -5.52	45.84 2.79 -1.85	35.76 1.79 -8.17	22.16 1.10 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.69	35.48 0.33 -30.01	27.07 1.47 -1.73
RAVENSWOOD___3 23535	30.89 1.30 0.00	28.33 1.13 0.00	27.52 1.07 0.00	26.47 1.03 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.44 1.21 0.00	29.76 1.52 0.00	36.51 2.00 0.00	29.72 1.47 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.49 1.06 -7.78	30.24 0.11 -28.39	30.49 0.02 -30.20	35.56 0.68 -24.62	45.56 2.41 -5.52	45.81 2.75 -1.85	35.74 1.77 -8.17	22.14 1.09 -4.39	33.72 0.30 -29.03	28.47 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
RAVENSWOOD___4 23820	30.90 1.31 0.00	28.33 1.14 0.00	27.52 1.07 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.62 1.05 0.00	26.47 1.25 0.00	29.81 1.57 0.00	36.55 2.04 0.00	29.76 1.51 -3.66	25.53 0.24 -21.37	21.44 0.12 -19.31	26.50 1.07 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.57 0.70 -24.62	45.59 2.44 -5.52	45.84 2.79 -1.85	35.76 1.79 -8.17	22.16 1.10 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.69	35.48 0.33 -30.01	27.07 1.47 -1.73
RCPI_TRUST___DRP 24196	30.93 1.34 0.00	28.36 1.17 0.00	27.55 1.11 0.00	26.51 1.07 0.00	27.26 1.07 0.00	26.64 1.06 0.00	26.46 1.23 0.00	29.79 1.55 0.00	36.54 2.03 0.00	29.74 1.49 -3.66	25.52 0.24 -21.37	21.43 0.12 -19.30	26.50 1.08 -7.78	30.24 0.11 -28.39	30.48 0.02 -30.20	35.56 0.69 -24.62	45.61 2.45 -5.52	45.88 2.82 -1.85	35.77 1.81 -8.17	22.17 1.12 -4.39	33.72 0.31 -29.03	28.49 0.82 -15.69	35.48 0.34 -30.01	27.10 1.50 -1.73
RED___ROCHESTER 323720	29.83 0.25 0.00	27.54 0.35 0.00	26.71 0.27 0.00	25.64 0.20 0.00	26.38 0.19 0.00	25.73 0.16 0.00	25.16 -0.07 0.00	28.19 -0.05 0.00	34.24 -0.27 0.00	25.14 -0.30 -0.83	8.74 -0.04 -4.87	6.38 -0.02 -4.40	19.19 -0.23 -1.77	8.17 -0.03 -6.47	7.14 -0.01 -6.88	15.60 -0.26 -5.61	38.12 -0.77 -1.26	40.93 -0.70 -0.42	27.10 -0.52 -1.83	17.21 -0.40 -0.95	10.54 -0.10 -6.26	15.10 -0.26 -3.39	11.48 -0.12 -6.47	23.84 -0.40 -0.37

REGAN____SOLAR 323812	31.40 1.81 0.00	28.82 1.62 0.00	27.91 1.47 0.00	26.90 1.47 0.00	27.75 1.55 0.00	27.13 1.55 0.00	26.77 1.55 0.00	30.18 1.93 0.00	36.23 1.72 0.00	30.34 0.51 -5.23	34.53 0.05 -30.55	29.63 0.03 -27.60	28.94 0.17 -11.13	42.34 0.01 -40.59	43.44 0.01 -43.17	46.18 0.73 -35.19	48.45 2.93 -7.88	47.07 3.22 -2.65	39.46 1.98 -11.68	24.18 1.25 -6.28	46.16 0.31 -41.45	35.22 0.83 -22.41	48.36 0.37 -42.86	27.94 1.60 -2.47
RENSSELAER____COGEN 23796	29.75 0.16 0.00	27.39 0.19 0.00	26.65 0.20 0.00	25.65 0.21 0.00	26.40 0.20 0.00	25.90 0.32 0.00	25.59 0.37 0.00	28.57 0.33 0.00	35.01 0.50 0.00	29.37 0.39 -4.37	29.56 0.07 -25.57	25.14 0.04 -23.10	27.26 0.31 -9.31	35.74 0.03 -33.97	36.41 0.01 -36.13	39.90 0.19 -29.46	44.94 0.70 -6.60	44.12 0.70 -2.22	36.05 0.47 -9.78	22.27 0.36 -5.26	39.18 0.08 -34.71	30.96 0.22 -18.76	41.10 0.08 -35.88	26.31 0.38 -2.07
REPUBLIC_115KV_BARTNBRK 55605	31.80 2.21 0.00	29.58 2.39 0.00	28.76 2.32 0.00	27.69 2.25 0.00	28.51 2.31 0.00	28.21 2.63 0.00	28.16 2.94 0.00	31.62 3.38 0.00	39.11 4.60 0.00	32.50 3.39 -4.51	30.81 0.53 -26.36	26.09 0.27 -23.81	29.61 2.37 -9.60	36.99 0.23 -35.02	37.56 0.04 -37.24	41.90 1.29 -30.36	49.51 5.07 -6.80	48.54 5.05 -2.28	38.76 2.90 -10.08	24.01 1.93 -5.42	40.70 0.54 -35.77	32.77 1.45 -19.34	42.72 0.60 -36.98	28.86 2.87 -2.13
REVERE_CPPR_DRP 24186	30.39 0.80 0.00	27.87 0.67 0.00	27.12 0.67 0.00	26.11 0.67 0.00	26.92 0.73 0.00	26.33 0.75 0.00	26.01 0.78 0.00	29.19 0.94 0.00	35.53 1.01 0.00	25.55 0.58 -0.38	6.19 0.07 -2.20	4.02 0.03 -1.99	18.69 0.25 -0.80	4.69 0.03 -2.92	3.39 0.01 -3.11	13.05 0.27 -2.53	39.53 1.33 -0.57	42.88 1.49 -0.19	27.43 0.81 -0.84	17.60 0.49 -0.45	7.47 0.12 -2.96	13.84 0.27 -1.60	8.29 0.10 -3.06	24.47 0.43 -0.18
REYNOLDS_115KV_TB3 80639	29.93 0.34 0.00	27.57 0.37 0.00	26.84 0.39 0.00	25.83 0.39 0.00	26.58 0.39 0.00	26.05 0.47 0.00	25.74 0.51 0.00	28.76 0.52 0.00	35.22 0.71 0.00	29.55 0.58 -4.38	29.63 0.10 -25.61	25.20 0.05 -23.13	27.42 0.45 -9.33	35.80 0.04 -34.02	36.47 0.01 -36.19	40.02 0.27 -29.50	45.21 0.96 -6.61	44.38 0.96 -2.22	36.21 0.62 -9.79	22.38 0.46 -5.26	39.26 0.11 -34.76	31.06 0.29 -18.79	41.18 0.12 -35.94	26.46 0.52 -2.07
RIVERBAY____ 323610	31.05 1.46 0.00	28.48 1.28 0.00	27.63 1.19 0.00	26.58 1.15 0.00	27.49 1.30 0.00	26.89 1.31 0.00	26.68 1.45 0.00	30.00 1.75 0.00	36.75 2.24 0.00	29.92 1.67 -3.66	25.56 0.27 -21.37	21.46 0.14 -19.31	26.61 1.19 -7.78	30.25 0.11 -28.39	30.49 0.02 -30.20	35.63 0.75 -24.62	45.82 2.66 -5.52	46.00 2.95 -1.85	35.80 1.83 -8.17	22.15 1.09 -4.39	33.72 0.30 -29.03	28.50 0.83 -15.69	35.49 0.34 -30.01	27.13 1.54 -1.73
RIVERSIDE_115KV_TB3 55908	29.86 0.27 0.00	27.48 0.28 0.00	26.75 0.30 0.00	25.74 0.31 0.00	26.50 0.31 0.00	25.99 0.41 0.00	25.67 0.44 0.00	28.68 0.44 0.00	35.12 0.61 0.00	29.48 0.49 -4.39	29.67 0.08 -25.67	25.24 0.05 -23.19	27.37 0.38 -9.35	35.88 0.04 -34.10	36.54 0.01 -36.27	40.05 0.23 -29.57	45.11 0.85 -6.62	44.28 0.86 -2.22	36.17 0.56 -9.82	22.35 0.41 -5.27	39.33 0.10 -34.84	31.07 0.26 -18.83	41.25 0.10 -36.02	26.40 0.46 -2.07
ROARING____BROOK_WT_PWR 323790	29.17 -0.42 0.00	26.73 -0.47 0.00	26.03 -0.42 0.00	25.05 -0.38 0.00	25.87 -0.32 0.00	25.34 -0.24 0.00	24.97 -0.26 0.00	28.07 -0.17 0.00	34.26 -0.25 0.00	24.63 -0.06 -0.09	4.41 -0.03 -0.52	2.44 -0.03 -0.47	17.63 -0.20 -0.19	2.42 -0.01 -0.69	1.00 0.00 -0.73	10.73 -0.12 -0.59	37.77 0.00 -0.13	40.67 -0.58 -0.05	25.44 -0.55 -0.20	16.28 -0.49 -0.11	4.94 -0.15 -0.69	11.92 -0.43 -0.37	5.72 -0.13 -0.72	23.23 -0.68 -0.04
ROCHESRG_115KV_T4 355643	29.56 -0.02 0.00	27.31 0.11 0.00	26.48 0.04 0.00	25.43 -0.01 0.00	26.17 -0.03 0.00	25.51 -0.07 0.00	24.93 -0.30 0.00	27.92 -0.32 0.00	33.92 -0.59 0.00	24.91 -0.52 -0.83	8.69 -0.08 -4.85	6.35 -0.04 -4.39	19.03 -0.38 -1.77	8.14 -0.05 -6.45	7.11 -0.01 -6.86	15.48 -0.36 -5.59	37.71 -1.18 -1.25	40.45 -1.17 -0.42	26.79 -0.82 -1.82	17.02 -0.58 -0.95	10.48 -0.15 -6.24	14.96 -0.39 -3.37	11.41 -0.18 -6.45	23.62 -0.62 -0.37
ROCHESTER_9_IC 23652	29.72 0.13 0.00	27.45 0.25 0.00	26.61 0.17 0.00	25.56 0.12 0.00	26.29 0.10 0.00	25.64 0.06 0.00	25.06 -0.16 0.00	28.08 -0.16 0.00	34.10 -0.41 0.00	25.04 -0.39 -0.83	8.73 -0.06 -4.87	6.38 -0.03 -4.40	19.12 -0.29 -1.77	8.17 -0.04 -6.47	7.14 -0.01 -6.88	15.55 -0.30 -5.61	37.94 -0.95 -1.26	40.72 -0.90 -0.42	26.96 -0.66 -1.83	17.13 -0.48 -0.95	10.52 -0.12 -6.26	15.04 -0.32 -3.39	11.45 -0.15 -6.47	23.74 -0.50 -0.37
ROCKVIEW_13_KV_LD 356306	30.93 1.35 0.00	28.38 1.18 0.00	27.57 1.12 0.00	26.49 1.06 0.00	27.23 1.04 0.00	26.60 1.02 0.00	26.41 1.18 0.00	29.69 1.45 0.00	36.46 1.95 0.00	29.69 1.44 -3.66	25.52 0.23 -21.37	21.43 0.12 -19.31	26.46 1.04 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.53 0.66 -24.62	45.52 2.36 -5.52	45.74 2.69 -1.85	35.68 1.71 -8.17	22.11 1.06 -4.39	33.71 0.29 -29.03	28.45 0.78 -15.69	35.46 0.32 -30.01	27.02 1.42 -1.73
ROME____115KV_TB2 80656	30.39 0.80 0.00	27.87 0.67 0.00	27.12 0.67 0.00	26.11 0.67 0.00	26.92 0.73 0.00	26.33 0.75 0.00	26.01 0.78 0.00	29.19 0.94 0.00	35.53 1.01 0.00	25.55 0.58 -0.38	6.19 0.07 -2.20	4.02 0.03 -1.99	18.69 0.25 -0.80	4.69 0.03 -2.92	3.39 0.01 -3.11	13.05 0.27 -2.53	39.53 1.33 -0.57	42.88 1.49 -0.19	27.43 0.81 -0.84	17.60 0.49 -0.45	7.47 0.12 -2.96	13.84 0.27 -1.60	8.29 0.10 -3.06	24.47 0.43 -0.18
ROSETON____1 23587	30.57 0.99 0.00	28.06 0.86 0.00	27.28 0.83 0.00	26.24 0.80 0.00	26.98 0.79 0.00	26.38 0.80 0.00	26.17 0.94 0.00	29.40 1.16 0.00	36.08 1.56 0.00	29.33 1.15 -3.59	25.08 0.18 -20.97	21.05 0.09 -18.95	26.11 0.83 -7.64	29.69 0.08 -27.87	29.92 0.02 -29.64	34.95 0.53 -24.16	44.93 1.87 -5.41	45.17 2.16 -1.82	35.17 1.35 -8.02	21.80 0.83 -4.31	33.11 0.23 -28.49	27.98 0.60 -15.40	34.84 0.25 -29.46	26.67 1.10 -1.70
ROSETON____2 23588	30.57 0.99 0.00	28.06 0.86 0.00	27.28 0.83 0.00	26.24 0.80 0.00	26.98 0.79 0.00	26.38 0.80 0.00	26.17 0.94 0.00	29.40 1.16 0.00	36.08 1.56 0.00	29.33 1.15 -3.59	25.08 0.18 -20.97	21.05 0.09 -18.95	26.11 0.83 -7.64	29.69 0.08 -27.87	29.92 0.02 -29.64	34.95 0.53 -24.16	44.93 1.87 -5.41	45.17 2.16 -1.82	35.17 1.35 -8.02	21.80 0.83 -4.31	33.11 0.23 -28.49	27.98 0.60 -15.40	34.84 0.25 -29.46	26.67 1.10 -1.70
ROTTDRAM_115KV_TB3 80664	30.39 0.80 0.00	27.97 0.77 0.00	27.21 0.77 0.00	26.17 0.74 0.00	26.94 0.75 0.00	26.34 0.76 0.00	26.06 0.83 0.00	29.18 0.94 0.00	35.74 1.23 0.00	30.04 0.89 -4.56	30.71 0.14 -26.65	26.15 0.07 -24.08	27.96 0.61 -9.70	37.20 0.06 -35.40	37.94 0.01 -37.66	41.32 0.37 -30.70	45.91 1.39 -6.88	45.02 1.51 -2.31	36.94 0.96 -10.19	22.75 0.62 -5.47	40.72 0.16 -36.16	31.96 0.43 -19.55	42.70 0.18 -37.39	26.85 0.83 -2.15

RUSSELL___1 23602	29.83 0.25 0.00	27.55 0.35 0.00	26.71 0.26 0.00	25.64 0.20 0.00	26.38 0.19 0.00	25.72 0.15 0.00	25.16 -0.07 0.00	28.19 -0.05 0.00	34.24 -0.27 0.00	25.14 -0.30 -0.83	8.74 -0.04 -4.87	6.38 -0.02 -4.40	19.18 -0.23 -1.77	8.17 -0.03 -6.47	7.14 -0.01 -6.88	15.60 -0.26 -5.61	38.12 -0.78 -1.26	40.93 -0.70 -0.42	27.09 -0.53 -1.83	17.21 -0.40 -0.95	10.54 -0.10 -6.26	15.10 -0.26 -3.39	11.48 -0.12 -6.47	23.85 -0.40 -0.37
RUSSELL___2 23532	29.83 0.25 0.00	27.55 0.35 0.00	26.71 0.26 0.00	25.64 0.20 0.00	26.38 0.19 0.00	25.72 0.15 0.00	25.16 -0.07 0.00	28.19 -0.05 0.00	34.24 -0.27 0.00	25.14 -0.30 -0.83	8.74 -0.04 -4.87	6.38 -0.02 -4.40	19.18 -0.23 -1.77	8.17 -0.03 -6.47	7.14 -0.01 -6.88	15.60 -0.26 -5.61	38.12 -0.78 -1.26	40.93 -0.70 -0.42	27.09 -0.53 -1.83	17.21 -0.40 -0.95	10.54 -0.10 -6.26	15.10 -0.26 -3.39	11.48 -0.12 -6.47	23.85 -0.40 -0.37
RUSSELL___3 23549	29.83 0.25 0.00	27.55 0.35 0.00	26.71 0.26 0.00	25.64 0.20 0.00	26.38 0.19 0.00	25.72 0.15 0.00	25.16 -0.07 0.00	28.19 -0.05 0.00	34.24 -0.27 0.00	25.14 -0.30 -0.83	8.74 -0.04 -4.87	6.38 -0.02 -4.40	19.18 -0.23 -1.77	8.17 -0.03 -6.47	7.14 -0.01 -6.88	15.60 -0.26 -5.61	38.12 -0.78 -1.26	40.93 -0.70 -0.42	27.09 -0.53 -1.83	17.21 -0.40 -0.95	10.54 -0.10 -6.26	15.10 -0.26 -3.39	11.48 -0.12 -6.47	23.85 -0.40 -0.37
RUSSELL___4 23556	29.83 0.25 0.00	27.55 0.35 0.00	26.71 0.26 0.00	25.64 0.20 0.00	26.38 0.19 0.00	25.72 0.15 0.00	25.16 -0.07 0.00	28.19 -0.05 0.00	34.24 -0.27 0.00	25.14 -0.30 -0.83	8.74 -0.04 -4.87	6.38 -0.02 -4.40	19.18 -0.23 -1.77	8.17 -0.03 -6.47	7.14 -0.01 -6.88	15.60 -0.26 -5.61	38.12 -0.78 -1.26	40.93 -0.70 -0.42	27.09 -0.53 -1.83	17.21 -0.40 -0.95	10.54 -0.10 -6.26	15.10 -0.26 -3.39	11.48 -0.12 -6.47	23.85 -0.40 -0.37
RUSSELL___STATION 23914	29.83 0.25 0.00	27.55 0.35 0.00	26.71 0.26 0.00	25.64 0.20 0.00	26.38 0.19 0.00	25.72 0.15 0.00	25.16 -0.07 0.00	28.19 -0.05 0.00	34.24 -0.27 0.00	25.14 -0.30 -0.83	8.74 -0.04 -4.87	6.38 -0.02 -4.40	19.18 -0.23 -1.77	8.17 -0.03 -6.47	7.14 -0.01 -6.88	15.60 -0.26 -5.61	38.12 -0.78 -1.26	40.93 -0.70 -0.42	27.09 -0.53 -1.83	17.21 -0.40 -0.95	10.54 -0.10 -6.26	15.10 -0.26 -3.39	11.48 -0.12 -6.47	23.85 -0.40 -0.37
S SALMON___HYD 24043	29.32 -0.27 0.00	26.87 -0.32 0.00	26.14 -0.30 0.00	25.21 -0.22 0.00	26.01 -0.18 0.00	25.37 -0.21 0.00	24.96 -0.26 0.00	28.00 -0.24 0.00	34.03 -0.49 0.00	24.72 -0.48 -0.60	7.35 -0.09 -3.52	5.13 -0.05 -3.18	18.48 -0.45 -1.28	6.37 -0.05 -4.68	5.24 -0.01 -4.97	14.11 -0.20 -4.05	38.04 -0.50 -0.91	41.01 -0.50 -0.31	26.68 -0.45 -1.34	17.09 -0.29 -0.72	9.05 -0.07 -4.73	14.28 -0.25 -2.55	9.89 -0.13 -4.89	23.60 -0.55 -0.28
S.PERRY___115KV_TB1 80734	30.49 0.90 0.00	28.10 0.90 0.00	27.23 0.79 0.00	26.20 0.77 0.00	27.02 0.83 0.00	26.42 0.84 0.00	25.88 0.65 0.00	29.09 0.84 0.00	35.14 0.63 0.00	25.65 0.03 -1.02	9.84 -0.01 -5.94	7.37 0.00 -5.36	19.74 -0.06 -2.16	9.61 -0.01 -7.89	8.65 -0.01 -8.39	16.88 -0.20 -6.84	39.00 -0.17 -1.53	42.01 0.29 -0.51	28.00 0.01 -2.20	17.58 -0.19 -1.11	11.70 -0.05 -7.36	15.84 -0.11 -3.98	12.66 -0.08 -7.61	24.23 -0.08 -0.44
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.58 -0.01 0.00	27.42 0.22 0.00	26.57 0.13 0.00	25.50 0.06 0.00	26.20 0.01 0.00	25.50 -0.08 0.00	24.75 -0.48 0.00	27.73 -0.52 0.00	33.66 -0.86 0.00	24.79 -0.76 -0.96	9.38 -0.13 -5.59	7.00 -0.05 -5.05	19.13 -0.54 -2.03	9.09 -0.07 -7.42	8.15 -0.02 -7.89	16.06 -0.62 -6.43	37.00 -2.08 -1.44	39.55 -2.13 -0.48	26.33 -1.54 -2.07	16.61 -1.10 -1.05	11.07 -0.28 -6.96	15.00 -0.74 -3.76	11.99 -0.34 -7.20	23.11 -1.18 -0.41
SAWYER___23_KV_LOAD 55526	29.58 -0.01 0.00	27.42 0.22 0.00	26.57 0.13 0.00	25.50 0.06 0.00	26.20 0.01 0.00	25.50 -0.08 0.00	24.75 -0.48 0.00	27.73 -0.52 0.00	33.66 -0.86 0.00	24.79 -0.76 -0.96	9.38 -0.13 -5.59	7.00 -0.05 -5.05	19.13 -0.54 -2.03	9.09 -0.07 -7.42	8.15 -0.02 -7.89	16.06 -0.62 -6.43	37.00 -2.08 -1.44	39.55 -2.13 -0.48	26.33 -1.54 -2.07	16.61 -1.10 -1.05	11.07 -0.28 -6.96	15.00 -0.74 -3.76	11.99 -0.34 -7.20	23.11 -1.18 -0.41
SELKIRK___I 23801	29.98 0.39 0.00	27.59 0.39 0.00	26.85 0.40 0.00	25.83 0.39 0.00	26.58 0.39 0.00	26.02 0.44 0.00	25.72 0.49 0.00	28.77 0.53 0.00	35.23 0.72 0.00	29.50 0.54 -4.36	29.51 0.09 -25.50	25.09 0.05 -23.04	27.34 0.41 -9.29	35.66 0.04 -33.88	36.32 0.01 -36.04	39.87 0.24 -29.38	45.09 0.87 -6.58	44.34 0.93 -2.21	36.15 0.61 -9.75	22.32 0.42 -5.24	39.11 0.10 -34.61	30.98 0.28 -18.72	41.03 0.11 -35.79	26.44 0.51 -2.06
SELKIRK___II 23799	29.93 0.34 0.00	27.55 0.35 0.00	26.80 0.36 0.00	25.79 0.36 0.00	26.54 0.35 0.00	26.00 0.42 0.00	25.69 0.47 0.00	28.73 0.49 0.00	35.19 0.68 0.00	29.47 0.51 -4.36	29.49 0.08 -25.48	25.07 0.05 -23.02	27.31 0.39 -9.28	35.63 0.04 -33.86	36.28 0.01 -36.01	39.83 0.23 -29.36	45.06 0.84 -6.58	44.30 0.89 -2.21	36.13 0.60 -9.74	22.32 0.42 -5.24	39.08 0.10 -34.59	30.95 0.28 -18.70	41.00 0.11 -35.76	26.42 0.49 -2.06
SENECA OSWGO___HYD 24041	29.27 -0.32 0.00	26.90 -0.30 0.00	26.14 -0.30 0.00	25.14 -0.30 0.00	25.90 -0.30 0.00	25.26 -0.32 0.00	24.85 -0.37 0.00	27.78 -0.47 0.00	33.88 -0.63 0.00	24.76 -0.49 -0.65	7.65 -0.08 -3.81	5.42 -0.03 -3.44	18.71 -0.32 -1.39	6.77 -0.03 -5.06	5.65 -0.01 -5.38	14.44 -0.20 -4.39	37.85 -0.77 -0.98	40.76 -0.77 -0.33	26.77 -0.47 -1.45	17.15 -0.28 -0.77	9.44 -0.07 -5.12	14.56 -0.18 -2.77	10.34 -0.08 -5.29	23.84 -0.34 -0.30
SENECA___115KV_TB3 355854	29.94 0.36 0.00	27.72 0.53 0.00	26.88 0.43 0.00	25.78 0.34 0.00	26.51 0.32 0.00	25.81 0.23 0.00	25.09 -0.14 0.00	28.13 -0.11 0.00	34.18 -0.33 0.00	25.16 -0.42 -0.98	9.55 -0.08 -5.71	7.14 -0.02 -5.16	19.41 -0.31 -2.08	9.28 -0.05 -7.58	8.32 -0.02 -8.07	16.35 -0.48 -6.58	37.52 -1.59 -1.47	40.16 -1.54 -0.49	26.69 -1.22 -2.11	16.82 -0.91 -1.07	11.25 -0.23 -7.08	15.21 -0.60 -3.83	12.17 -0.29 -7.33	23.37 -0.92 -0.42
SENECA___ENERGY 23797	29.59 0.00 0.00	27.22 0.02 0.00	26.43 -0.01 0.00	25.40 -0.03 0.00	26.21 0.02 0.00	25.59 0.01 0.00	25.18 -0.05 0.00	28.17 -0.07 0.00	34.30 -0.22 0.00	25.15 -0.29 -0.84	8.80 -0.05 -4.94	6.45 -0.02 -4.46	19.21 -0.23 -1.80	8.27 -0.03 -6.56	7.24 -0.01 -6.97	15.76 -0.17 -5.69	38.34 -0.57 -1.27	41.19 -0.43 -0.43	27.32 -0.33 -1.87	17.40 -0.24 -0.98	10.82 -0.05 -6.48	15.34 -0.14 -3.50	11.75 -0.08 -6.70	23.99 -0.27 -0.39
SHOEMAKER___GT 23640	30.59 1.00 0.00	28.09 0.89 0.00	27.29 0.85 0.00	26.25 0.81 0.00	27.00 0.81 0.00	26.38 0.81 0.00	26.11 0.89 0.00	29.33 1.09 0.00	35.96 1.45 0.00	28.92 1.02 -3.31	23.42 0.15 -19.35	19.57 0.08 -17.48	25.37 0.68 -7.05	27.52 0.07 -25.71	27.63 0.01 -27.35	33.02 0.47 -22.30	44.33 1.69 -5.00	44.87 1.99 -1.68	34.44 1.24 -7.40	21.38 0.74 -3.98	30.89 0.20 -26.30	26.72 0.52 -14.22	32.53 0.21 -27.19	26.38 0.95 -1.57

SHOEMAKR_138KV_BK 111 55601	30.58 0.99 0.00	28.08 0.88 0.00	27.28 0.84 0.00	26.23 0.80 0.00	26.99 0.80 0.00	26.37 0.79 0.00	26.10 0.88 0.00	29.32 1.08 0.00	35.94 1.43 0.00	28.90 1.01 -3.29	23.32 0.15 -19.24	19.47 0.08 -17.38	25.34 0.69 -7.01	27.38 0.07 -25.57	27.48 0.01 -27.19	32.89 0.47 -22.17	44.29 1.68 -4.97	44.84 1.97 -1.67	34.38 1.23 -7.36	21.35 0.73 -3.96	30.74 0.20 -26.15	26.63 0.52 -14.14	32.38 0.21 -27.04	26.37 0.94 -1.56
SHOREHAM_IC_1 23715	31.56 1.98 0.00	28.92 1.72 0.00	27.91 1.46 0.00	26.94 1.51 0.00	27.72 1.53 0.00	27.16 1.59 0.00	27.05 1.83 0.00	30.45 2.21 0.00	37.70 3.19 0.00	30.58 2.31 -3.67	33.25 0.39 -28.94	21.48 0.17 -19.31	26.93 1.50 -7.78	30.27 0.14 -28.40	30.50 0.03 -30.20	39.68 1.06 -28.37	399.00 3.28 -358.08	147.41 3.42 -102.80	161.66 2.12 -133.75	121.45 1.47 -103.32	230.68 0.38 -225.91	356.64 1.04 -343.62	153.33 0.45 -147.75	27.86 2.26 -1.73
SHOREHAM_IC_2 23716	31.56 1.98 0.00	28.92 1.72 0.00	27.91 1.46 0.00	26.94 1.51 0.00	27.72 1.53 0.00	27.16 1.59 0.00	27.05 1.83 0.00	30.45 2.21 0.00	37.70 3.19 0.00	30.58 2.31 -3.67	33.25 0.39 -28.94	21.48 0.17 -19.31	26.93 1.50 -7.78	30.27 0.14 -28.40	30.50 0.03 -30.20	39.68 1.06 -28.37	399.00 3.28 -358.08	147.41 3.42 -102.80	161.66 2.12 -133.75	121.45 1.47 -103.32	230.68 0.38 -225.91	356.64 1.04 -343.62	153.33 0.45 -147.75	27.86 2.26 -1.73
SISSONVILLE____ 23735	29.29 -0.30 0.00	26.78 -0.42 0.00	26.13 -0.32 0.00	25.17 -0.26 0.00	25.90 -0.29 0.00	25.48 -0.10 0.00	25.06 -0.16 0.00	28.33 0.09 0.00	34.47 -0.04 0.00	25.02 0.24 -0.18	5.02 0.02 -1.08	2.95 -0.03 -0.98	17.90 -0.14 -0.39	3.18 0.00 -1.44	1.81 0.01 -1.53	11.48 -0.02 -1.25	38.73 0.81 -0.28	41.09 -0.21 -0.09	25.87 -0.33 -0.41	16.44 -0.45 -0.22	5.68 -0.17 -1.46	12.20 -0.56 -0.79	6.53 -0.11 -1.51	23.34 -0.62 -0.09
SITHE_IND_GS1 24169	28.98 -0.61 0.00	26.64 -0.56 0.00	25.89 -0.56 0.00	24.89 -0.54 0.00	25.64 -0.55 0.00	25.01 -0.57 0.00	24.59 -0.64 0.00	27.46 -0.79 0.00	33.48 -1.03 0.00	24.42 -0.74 -0.57	7.13 -0.11 -3.32	4.95 -0.06 -3.00	18.35 -0.51 -1.21	6.10 -0.05 -4.42	4.96 -0.01 -4.69	13.76 -0.32 -3.83	37.28 -1.22 -0.86	40.19 -1.30 -0.29	26.26 -0.80 -1.27	16.85 -0.48 -0.67	8.73 -0.13 -4.46	14.07 -0.32 -2.41	9.61 -0.14 -4.62	23.54 -0.60 -0.27
SITHE_IND_GS2 24170	28.98 -0.61 0.00	26.64 -0.56 0.00	25.89 -0.56 0.00	24.89 -0.54 0.00	25.64 -0.55 0.00	25.01 -0.57 0.00	24.59 -0.64 0.00	27.46 -0.79 0.00	33.48 -1.03 0.00	24.42 -0.74 -0.57	7.13 -0.11 -3.32	4.95 -0.06 -3.00	18.35 -0.51 -1.21	6.10 -0.05 -4.42	4.96 -0.01 -4.69	13.76 -0.32 -3.83	37.28 -1.22 -0.86	40.19 -1.30 -0.29	26.26 -0.80 -1.27	16.85 -0.48 -0.67	8.73 -0.13 -4.46	14.07 -0.32 -2.41	9.61 -0.14 -4.62	23.54 -0.60 -0.27
SITHE_IND_GS3 24171	28.98 -0.61 0.00	26.64 -0.56 0.00	25.89 -0.56 0.00	24.89 -0.54 0.00	25.64 -0.55 0.00	25.01 -0.57 0.00	24.59 -0.64 0.00	27.46 -0.79 0.00	33.48 -1.03 0.00	24.42 -0.74 -0.57	7.13 -0.11 -3.32	4.95 -0.06 -3.00	18.35 -0.51 -1.21	6.10 -0.05 -4.42	4.96 -0.01 -4.69	13.76 -0.32 -3.83	37.28 -1.22 -0.86	40.19 -1.30 -0.29	26.26 -0.80 -1.27	16.85 -0.48 -0.67	8.73 -0.13 -4.46	14.07 -0.32 -2.41	9.61 -0.14 -4.62	23.54 -0.60 -0.27
SITHE_IND_GS4 24172	28.98 -0.61 0.00	26.64 -0.56 0.00	25.89 -0.56 0.00	24.89 -0.54 0.00	25.64 -0.55 0.00	25.01 -0.57 0.00	24.59 -0.64 0.00	27.46 -0.79 0.00	33.48 -1.03 0.00	24.42 -0.74 -0.57	7.13 -0.11 -3.32	4.95 -0.06 -3.00	18.35 -0.51 -1.21	6.10 -0.05 -4.42	4.96 -0.01 -4.69	13.76 -0.32 -3.83	37.28 -1.22 -0.86	40.19 -1.30 -0.29	26.26 -0.80 -1.27	16.85 -0.48 -0.67	8.73 -0.13 -4.46	14.07 -0.32 -2.41	9.61 -0.14 -4.62	23.54 -0.60 -0.27
SITHE____BATAVIA 24024	30.18 0.59 0.00	27.93 0.73 0.00	27.07 0.62 0.00	25.98 0.54 0.00	26.72 0.52 0.00	25.88 0.30 0.00	25.02 -0.20 0.00	28.03 -0.21 0.00	33.95 -0.56 0.00	24.91 -0.62 -0.93	9.24 -0.10 -5.42	6.86 -0.05 -4.90	19.04 -0.58 -1.97	8.86 -0.08 -7.20	7.91 -0.02 -7.66	15.93 -0.57 -6.25	37.34 -1.70 -1.40	40.07 -1.60 -0.47	26.65 -1.16 -2.01	16.83 -0.86 -1.03	10.97 -0.22 -6.80	15.06 -0.59 -3.68	11.88 -0.28 -7.03	23.35 -0.92 -0.40
SITHE____INDEPEND 23800	28.98 -0.61 0.00	26.64 -0.56 0.00	25.89 -0.56 0.00	24.89 -0.54 0.00	25.64 -0.55 0.00	25.01 -0.57 0.00	24.59 -0.64 0.00	27.46 -0.78 0.00	33.48 -1.03 0.00	24.43 -0.74 -0.57	7.13 -0.11 -3.32	4.95 -0.06 -3.00	18.35 -0.51 -1.21	6.10 -0.05 -4.42	4.96 -0.01 -4.69	13.76 -0.32 -3.83	37.27 -1.23 -0.86	40.19 -1.30 -0.29	26.26 -0.80 -1.27	16.85 -0.48 -0.67	8.73 -0.12 -4.46	14.07 -0.32 -2.41	9.61 -0.14 -4.62	23.54 -0.59 -0.27
SITHE____MASSENA 23902	29.26 -0.33 0.00	26.78 -0.42 0.00	26.12 -0.33 0.00	25.13 -0.30 0.00	25.83 -0.36 0.00	25.42 -0.16 0.00	24.97 -0.26 0.00	28.20 -0.04 0.00	34.34 -0.17 0.00	24.96 0.22 -0.15	4.79 0.02 -0.85	2.75 -0.03 -0.77	17.85 -0.10 -0.31	2.88 0.01 -1.14	1.49 0.01 -1.21	11.20 -0.04 -0.99	38.49 0.63 -0.22	40.78 -0.49 -0.07	25.66 -0.46 -0.33	16.31 -0.53 -0.17	5.35 -0.19 -1.15	12.01 -0.59 -0.62	6.22 -0.10 -1.19	23.37 -0.57 -0.07
SITHE____OGDNSBRG 24021	29.68 0.09 0.00	27.13 -0.06 0.00	26.47 0.03 0.00	25.48 0.04 0.00	26.20 0.01 0.00	25.79 0.21 0.00	25.38 0.15 0.00	28.69 0.45 0.00	34.83 0.32 0.00	25.21 0.45 -0.17	4.97 0.06 -1.00	2.90 -0.01 -0.90	18.06 0.06 -0.36	3.08 0.02 -1.32	1.69 0.01 -1.41	11.48 0.09 -1.15	39.25 1.35 -0.26	41.64 0.35 -0.09	26.20 0.03 -0.38	16.64 -0.23 -0.20	5.62 -0.11 -1.34	12.30 -0.40 -0.72	6.49 -0.03 -1.38	23.69 -0.27 -0.08
SITHE____STERLING 23777	30.26 0.67 0.00	27.79 0.59 0.00	27.03 0.58 0.00	26.01 0.57 0.00	26.80 0.61 0.00	26.21 0.63 0.00	25.87 0.65 0.00	29.01 0.77 0.00	35.33 0.82 0.00	25.48 0.45 -0.43	6.50 0.06 -2.52	4.31 0.03 -2.28	18.78 0.21 -0.92	5.11 0.02 -3.35	3.84 0.00 -3.57	13.36 0.20 -2.91	39.26 0.97 -0.65	42.57 1.15 -0.22	27.40 0.65 -0.96	17.57 0.40 -0.51	7.89 0.10 -3.40	14.04 0.23 -1.84	8.73 0.09 -3.52	24.46 0.39 -0.20
SLEIGHT__34_KV_TB1 80719	29.52 -0.08 0.00	27.18 -0.02 0.00	26.37 -0.08 0.00	25.33 -0.10 0.00	26.12 -0.07 0.00	25.49 -0.08 0.00	25.02 -0.21 0.00	27.99 -0.25 0.00	34.03 -0.48 0.00	24.99 -0.43 -0.82	8.65 -0.06 -4.79	6.30 -0.03 -4.33	19.07 -0.32 -1.75	8.07 -0.04 -6.37	7.03 -0.01 -6.77	15.52 -0.25 -5.52	38.05 -0.82 -1.24	40.86 -0.75 -0.42	27.06 -0.54 -1.81	17.23 -0.38 -0.94	10.53 -0.10 -6.24	15.10 -0.24 -3.37	11.46 -0.12 -6.45	23.79 -0.45 -0.37
SOUTH CAIRO____GT 23612	31.18 1.59 0.00	28.70 1.50 0.00	27.94 1.49 0.00	26.87 1.43 0.00	27.68 1.49 0.00	27.22 1.65 0.00	26.93 1.70 0.00	30.12 1.88 0.00	36.95 2.44 0.00	30.27 1.51 -4.16	28.46 0.23 -24.31	24.07 0.10 -21.96	27.32 0.82 -8.85	34.12 0.08 -32.31	34.65 0.02 -34.36	38.95 0.69 -28.01	46.85 2.94 -6.28	46.71 3.40 -2.11	37.23 2.14 -9.30	23.11 1.46 -5.00	37.76 0.36 -33.01	30.79 0.97 -17.85	39.64 0.38 -34.13	27.60 1.76 -1.96

SOUTH HAMPTN___IC 23720	31.95 2.36 0.00	29.27 2.08 0.00	28.25 1.81 0.00	27.26 1.83 0.00	28.06 1.87 0.00	27.50 1.92 0.00	27.40 2.18 0.00	30.85 2.61 0.00	38.24 3.72 0.00	30.95 2.69 -3.67	33.22 0.45 -28.85	21.51 0.20 -19.31	27.21 1.78 -7.78	30.30 0.16 -28.40	30.51 0.03 -30.20	39.80 1.23 -28.32	395.44 3.95 -353.84	146.99 4.21 -101.59	160.87 2.84 -132.24	120.60 1.81 -102.13	228.41 0.47 -223.55	353.01 1.34 -339.69	152.04 0.57 -146.34	28.23 2.63 -1.73
SOUTHDOW_115KV_TB1 355954	31.00 1.41 0.00	28.58 1.38 0.00	27.81 1.36 0.00	26.63 1.19 0.00	27.42 1.23 0.00	26.75 1.17 0.00	26.13 0.90 0.00	29.37 1.13 0.00	35.85 1.33 0.00	26.32 0.71 -1.01	9.92 0.08 -5.92	7.42 0.06 -5.35	20.27 0.47 -2.16	9.63 0.03 -7.87	8.63 0.00 -8.36	17.01 -0.06 -6.82	38.96 -0.21 -1.53	41.87 0.16 -0.51	27.68 -0.29 -2.19	17.41 -0.35 -1.11	11.62 -0.06 -7.29	15.78 -0.14 -3.94	12.55 -0.12 -7.54	24.12 -0.18 -0.43
SOUTHOLD_69_KV_BK 2 55809	32.27 2.68 0.00	29.54 2.34 0.00	28.52 2.08 0.00	27.51 2.08 0.00	28.33 2.13 0.00	27.76 2.19 0.00	27.66 2.44 0.00	31.16 2.92 0.00	38.67 4.16 0.00	31.26 3.00 -3.67	33.25 0.49 -28.85	21.54 0.22 -19.31	27.42 2.00 -7.78	30.32 0.18 -28.40	30.51 0.04 -30.20	39.88 1.31 -28.32	395.86 4.47 -353.74	147.60 4.84 -101.56	161.23 3.23 -132.21	120.80 2.04 -102.10	228.42 0.53 -223.49	353.05 1.48 -339.59	152.06 0.62 -146.31	28.51 2.91 -1.73
SOUTHOLD___IC 23719	32.27 2.68 0.00	29.54 2.34 0.00	28.52 2.08 0.00	27.51 2.08 0.00	28.33 2.13 0.00	27.76 2.18 0.00	27.66 2.44 0.00	31.16 2.92 0.00	38.67 4.16 0.00	31.26 3.00 -3.67	33.27 0.50 -28.85	21.54 0.22 -19.31	27.42 1.99 -7.78	30.32 0.18 -28.40	30.51 0.04 -30.20	39.92 1.35 -28.32	395.85 4.47 -353.74	147.59 4.83 -101.56	161.23 3.23 -132.21	120.82 2.05 -102.10	228.42 0.54 -223.49	353.07 1.50 -339.59	152.07 0.63 -146.31	28.52 2.92 -1.73
SOUTH_FORK_WT_PWR 323839	32.34 2.75 0.00	29.62 2.42 0.00	28.59 2.15 0.00	27.58 2.14 0.00	28.39 2.20 0.00	27.83 2.25 0.00	27.73 2.50 0.00	31.24 2.99 0.00	38.76 4.24 0.00	31.32 3.06 -3.67	33.27 0.50 -28.85	21.54 0.23 -19.31	27.48 2.05 -7.78	30.32 0.19 -28.40	30.51 0.04 -30.20	39.91 1.34 -28.32	396.01 4.57 -353.80	147.76 4.98 -101.57	161.32 3.30 -132.23	120.86 2.09 -102.12	228.46 0.55 -223.52	353.13 1.52 -339.64	152.09 0.63 -146.32	28.58 2.98 -1.73
SPIERFLS_115KV_TB 1 80737	31.05 1.46 0.00	28.66 1.46 0.00	27.88 1.43 0.00	26.84 1.41 0.00	27.63 1.44 0.00	27.12 1.54 0.00	26.90 1.67 0.00	30.02 1.78 0.00	36.86 2.34 0.00	30.85 1.74 -4.51	30.59 0.28 -26.39	25.98 0.14 -23.84	28.43 1.18 -9.61	36.92 0.11 -35.06	37.59 0.02 -37.29	41.30 0.65 -30.40	46.81 2.36 -6.81	45.89 2.41 -2.29	37.31 1.43 -10.09	23.02 0.94 -5.42	40.46 0.25 -35.82	32.01 0.67 -19.37	42.48 0.32 -37.03	27.58 1.58 -2.13
ST LAWRENCE___ 23600	28.92 -0.66 0.00	26.46 -0.74 0.00	25.80 -0.64 0.00	24.84 -0.60 0.00	25.52 -0.67 0.00	25.11 -0.46 0.00	24.66 -0.57 0.00	27.84 -0.41 0.00	33.91 -0.60 0.00	24.67 -0.07 -0.14	4.70 -0.02 -0.81	2.68 -0.05 -0.73	17.64 -0.29 -0.30	2.80 -0.02 -1.07	1.42 0.01 -1.14	11.02 -0.16 -0.93	38.00 0.15 -0.21	40.24 -1.03 -0.07	25.32 -0.78 -0.31	16.10 -0.73 -0.16	5.23 -0.24 -1.09	11.83 -0.73 -0.59	6.10 -0.16 -1.12	23.10 -0.84 -0.06
STATE_CA_115KV_115_LB 55624	29.89 0.30 0.00	27.51 0.31 0.00	26.77 0.32 0.00	25.76 0.33 0.00	26.52 0.32 0.00	26.02 0.44 0.00	25.70 0.47 0.00	28.71 0.47 0.00	35.17 0.66 0.00	29.54 0.52 -4.42	29.83 0.09 -25.83	25.39 0.05 -23.33	27.44 0.39 -9.40	36.09 0.04 -34.31	36.77 0.01 -36.49	40.25 0.25 -29.75	45.22 0.92 -6.66	44.38 0.94 -2.24	36.28 0.62 -9.88	22.41 0.44 -5.31	39.55 0.11 -35.05	31.21 0.28 -18.95	41.48 0.11 -36.24	26.44 0.49 -2.09
STATE_ST_34_KV_LOAD 55959	29.96 0.37 0.00	27.47 0.27 0.00	26.68 0.23 0.00	25.65 0.21 0.00	26.54 0.35 0.00	25.88 0.31 0.00	25.50 0.27 0.00	28.43 0.19 0.00	34.62 0.11 0.00	25.41 -0.03 -0.84	8.80 -0.01 -4.89	6.43 0.00 -4.42	19.42 0.00 -1.78	8.24 0.00 -6.50	7.18 0.00 -6.91	15.87 -0.02 -5.64	38.85 -0.05 -1.26	41.71 0.09 -0.42	27.67 0.03 -1.85	17.71 0.07 -0.98	10.90 0.03 -6.48	15.57 0.09 -3.51	11.85 0.01 -6.71	24.36 0.10 -0.39
STATION 5_MISC_HYD 23604	29.72 0.13 0.00	27.45 0.25 0.00	26.61 0.17 0.00	25.56 0.12 0.00	26.29 0.10 0.00	25.65 0.07 0.00	25.06 -0.16 0.00	28.08 -0.16 0.00	34.10 -0.41 0.00	25.04 -0.39 -0.83	8.73 -0.06 -4.87	6.37 -0.03 -4.40	19.12 -0.29 -1.77	8.17 -0.04 -6.47	7.14 -0.01 -6.88	15.55 -0.30 -5.61	37.94 -0.95 -1.26	40.72 -0.90 -0.42	26.96 -0.66 -1.83	17.13 -0.48 -0.95	10.52 -0.12 -6.26	15.04 -0.31 -3.39	11.45 -0.15 -6.47	23.74 -0.50 -0.37
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.87 0.29 0.00	27.54 0.34 0.00	26.73 0.28 0.00	25.67 0.23 0.00	26.44 0.25 0.00	25.81 0.23 0.00	25.32 0.09 0.00	28.37 0.13 0.00	34.51 -0.01 0.00	25.32 -0.11 -0.83	8.75 -0.02 -4.85	6.38 -0.01 -4.38	19.30 -0.11 -1.77	8.16 -0.02 -6.44	7.11 -0.01 -6.85	15.71 -0.13 -5.59	38.52 -0.37 -1.25	41.38 -0.24 -0.42	27.38 -0.24 -1.82	17.41 -0.20 -0.95	10.62 -0.05 -6.28	15.25 -0.12 -3.39	11.55 -0.07 -6.49	24.06 -0.19 -0.37
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.54 -0.05 0.00	27.27 0.07 0.00	26.45 0.00 0.00	25.40 -0.04 0.00	26.14 -0.06 0.00	25.49 -0.09 0.00	24.93 -0.29 0.00	27.93 -0.31 0.00	33.94 -0.57 0.00	24.93 -0.50 -0.83	8.69 -0.07 -4.85	6.35 -0.04 -4.38	19.04 -0.37 -1.77	8.13 -0.05 -6.44	7.11 -0.01 -6.85	15.51 -0.33 -5.59	37.82 -1.07 -1.25	40.57 -1.05 -0.42	26.87 -0.74 -1.82	17.07 -0.53 -0.95	10.50 -0.14 -6.24	15.00 -0.35 -3.38	11.42 -0.16 -6.46	23.65 -0.59 -0.37
STA_56___34_KV_BUS2 355983	29.54 -0.05 0.00	27.27 0.07 0.00	26.45 0.00 0.00	25.40 -0.04 0.00	26.14 -0.06 0.00	25.49 -0.09 0.00	24.93 -0.29 0.00	27.93 -0.31 0.00	33.94 -0.57 0.00	24.93 -0.50 -0.83	8.69 -0.07 -4.85	6.35 -0.04 -4.38	19.04 -0.37 -1.77	8.13 -0.05 -6.44	7.11 -0.01 -6.85	15.51 -0.33 -5.59	37.82 -1.07 -1.25	40.57 -1.05 -0.42	26.87 -0.74 -1.82	17.07 -0.53 -0.95	10.50 -0.14 -6.24	15.00 -0.35 -3.38	11.42 -0.16 -6.46	23.65 -0.59 -0.37
STA_67___115KV_BK2 355882	29.66 0.07 0.00	27.40 0.20 0.00	26.57 0.12 0.00	25.51 0.07 0.00	26.25 0.06 0.00	25.59 0.01 0.00	25.02 -0.21 0.00	28.02 -0.22 0.00	34.03 -0.48 0.00	24.99 -0.44 -0.83	8.72 -0.06 -4.87	6.37 -0.03 -4.40	19.09 -0.33 -1.77	8.16 -0.04 -6.47	7.13 -0.01 -6.88	15.53 -0.33 -5.61	37.86 -1.04 -1.26	40.62 -1.01 -0.42	26.90 -0.72 -1.83	17.09 -0.52 -0.95	10.51 -0.13 -6.26	15.01 -0.34 -3.38	11.44 -0.16 -6.47	23.70 -0.54 -0.37
STA_7___115KV_9TRANS 80674	29.83 0.25 0.00	27.55 0.35 0.00	26.71 0.26 0.00	25.64 0.20 0.00	26.38 0.19 0.00	25.72 0.15 0.00	25.16 -0.07 0.00	28.19 -0.05 0.00	34.24 -0.27 0.00	25.14 -0.30 -0.83	8.74 -0.04 -4.87	6.38 -0.02 -4.40	19.18 -0.23 -1.77	8.17 -0.03 -6.47	7.14 -0.01 -6.88	15.60 -0.26 -5.61	38.12 -0.78 -1.26	40.93 -0.70 -0.42	27.09 -0.53 -1.83	17.21 -0.40 -0.95	10.54 -0.10 -6.26	15.10 -0.26 -3.39	11.48 -0.12 -6.47	23.85 -0.40 -0.37

STA_82___115KV_TB1 80780	29.68 0.09 0.00	27.42 0.22 0.00	26.59 0.14 0.00	25.53 0.09 0.00	26.26 0.07 0.00	25.61 0.03 0.00	25.03 -0.19 0.00	28.04 -0.20 0.00	34.06 -0.45 0.00	25.01 -0.43 -0.83	8.73 -0.06 -4.88	6.38 -0.03 -4.41	19.10 -0.32 -1.78	8.18 -0.04 -6.48	7.15 -0.01 -6.89	15.55 -0.32 -5.62	37.88 -1.02 -1.26	40.65 -0.97 -0.42	26.92 -0.70 -1.83	17.10 -0.51 -0.95	10.53 -0.13 -6.27	15.03 -0.33 -3.39	11.46 -0.15 -6.48	23.71 -0.53 -0.37
STEEL___WIND 323596	29.92 0.33 0.00	27.70 0.50 0.00	26.86 0.41 0.00	25.77 0.33 0.00	26.50 0.31 0.00	25.81 0.23 0.00	25.08 -0.15 0.00	28.11 -0.13 0.00	34.15 -0.36 0.00	25.13 -0.44 -0.98	9.54 -0.08 -5.71	7.14 -0.02 -5.16	19.40 -0.32 -2.08	9.28 -0.05 -7.58	8.32 -0.02 -8.07	16.33 -0.50 -6.58	37.45 -1.66 -1.47	40.08 -1.61 -0.49	26.66 -1.25 -2.11	16.79 -0.94 -1.07	11.24 -0.23 -7.08	15.19 -0.61 -3.83	12.16 -0.30 -7.33	23.33 -0.97 -0.42
STEPHTWN_115KV_BK_2 55603	30.09 0.50 0.00	27.66 0.46 0.00	26.89 0.45 0.00	25.88 0.44 0.00	26.62 0.43 0.00	26.15 0.57 0.00	25.91 0.68 0.00	28.96 0.72 0.00	35.47 0.96 0.00	29.68 0.71 -4.37	29.60 0.11 -25.57	25.16 0.06 -23.10	27.46 0.50 -9.31	35.77 0.05 -33.97	36.42 0.01 -36.13	40.06 0.36 -29.46	45.51 1.28 -6.60	44.77 1.35 -2.22	36.45 0.88 -9.78	22.53 0.62 -5.26	39.25 0.15 -34.71	31.16 0.42 -18.76	41.17 0.16 -35.88	26.68 0.74 -2.07
STEBEN_REC_LFGE 323667	29.70 0.11 0.00	27.42 0.22 0.00	26.53 0.08 0.00	25.67 0.23 0.00	26.53 0.33 0.00	25.99 0.41 0.00	25.54 0.31 0.00	28.78 0.54 0.00	35.03 0.52 0.00	25.81 0.05 -1.16	10.70 -0.03 -6.81	8.16 0.00 -6.15	20.06 -0.06 -2.48	10.78 0.00 -9.04	9.89 -0.01 -9.62	17.88 -0.21 -7.84	38.57 -0.83 -1.76	41.18 -0.61 -0.59	27.59 -0.72 -2.52	17.06 -0.87 -1.27	12.54 -0.24 -8.39	15.88 -0.64 -4.54	13.50 -0.31 -8.68	23.39 -0.98 -0.50
STILLWATER___SOLAR 323814	30.77 1.18 0.00	28.36 1.16 0.00	27.59 1.15 0.00	26.56 1.12 0.00	27.34 1.15 0.00	26.77 1.20 0.00	26.51 1.28 0.00	29.65 1.41 0.00	36.35 1.84 0.00	30.44 1.36 -4.49	30.40 0.22 -26.26	25.84 0.11 -23.73	28.15 0.94 -9.56	36.72 0.09 -34.89	37.40 0.02 -37.11	41.06 0.56 -30.26	46.52 2.11 -6.78	45.66 2.19 -2.27	37.18 1.35 -10.04	22.94 0.88 -5.40	40.26 0.23 -35.64	31.86 0.62 -19.27	42.25 0.27 -36.85	27.23 1.24 -2.12
STONY___BROOK 24151	31.43 1.84 0.00	28.83 1.63 0.00	27.82 1.38 0.00	26.85 1.41 0.00	27.63 1.44 0.00	27.07 1.49 0.00	26.94 1.72 0.00	30.31 2.07 0.00	37.49 2.98 0.00	30.47 2.20 -3.67	34.29 0.37 -30.00	21.48 0.16 -19.31	26.89 1.47 -7.78	30.27 0.13 -28.40	30.50 0.03 -30.20	40.15 1.01 -28.89	448.25 3.20 -407.41	161.47 3.34 -116.93	179.47 2.35 -151.32	135.30 1.48 -117.16	258.24 0.39 -253.46	402.58 1.10 -389.51	169.83 0.47 -164.23	27.73 2.13 -1.73
STURGEON_POOL_HYD 23609	30.55 0.96 0.00	28.05 0.86 0.00	27.26 0.81 0.00	26.22 0.78 0.00	26.97 0.78 0.00	26.34 0.76 0.00	26.11 0.89 0.00	29.36 1.12 0.00	36.01 1.50 0.00	29.47 1.11 -3.76	26.08 0.17 -21.99	21.96 0.09 -19.86	26.45 0.80 -8.01	31.03 0.08 -29.22	31.36 0.01 -31.07	36.07 0.48 -25.33	45.02 1.71 -5.68	45.10 2.00 -1.90	35.49 1.28 -8.41	21.96 0.78 -4.52	34.47 0.21 -29.86	28.69 0.57 -16.15	36.24 0.24 -30.88	26.68 1.03 -1.78
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.65 1.06 0.00	28.13 0.93 0.00	27.34 0.89 0.00	26.28 0.85 0.00	27.04 0.85 0.00	26.41 0.84 0.00	26.16 0.93 0.00	29.38 1.14 0.00	36.05 1.54 0.00	29.08 1.11 -3.37	23.81 0.17 -19.72	19.91 0.09 -17.81	25.60 0.78 -7.18	28.01 0.08 -26.20	28.15 0.01 -27.86	33.48 0.52 -22.72	44.55 1.82 -5.09	45.04 2.13 -1.71	34.65 1.32 -7.54	21.50 0.78 -4.06	31.40 0.22 -26.79	27.04 0.58 -14.49	33.07 0.24 -27.70	26.52 1.06 -1.59
SWANROAD_115KV_TB1 355699	29.03 -0.55 0.00	26.95 -0.24 0.00	26.11 -0.34 0.00	25.06 -0.38 0.00	25.74 -0.45 0.00	25.06 -0.52 0.00	24.24 -0.99 0.00	27.10 -1.15 0.00	32.87 -1.64 0.00	24.22 -1.31 -0.94	9.17 -0.22 -5.48	6.86 -0.09 -4.95	18.66 -0.97 -2.00	8.90 -0.12 -7.28	7.98 -0.03 -7.74	15.69 -0.87 -6.31	36.08 -2.97 -1.41	38.57 -3.10 -0.47	25.73 -2.10 -2.04	16.26 -1.44 -1.04	10.87 -0.38 -6.85	14.69 -1.00 -3.71	11.77 -0.45 -7.09	22.64 -1.64 -0.41
SYNERGY___BIOGAS 323694	30.18 0.59 0.00	27.93 0.73 0.00	27.07 0.62 0.00	25.98 0.54 0.00	26.72 0.52 0.00	25.88 0.30 0.00	25.02 -0.20 0.00	28.03 -0.21 0.00	33.95 -0.56 0.00	24.91 -0.62 -0.93	9.24 -0.10 -5.42	6.86 -0.05 -4.90	19.04 -0.58 -1.97	8.86 -0.08 -7.20	7.91 -0.02 -7.66	15.93 -0.57 -6.25	37.34 -1.70 -1.40	40.07 -1.60 -0.47	26.65 -1.16 -2.01	16.83 -0.86 -1.03	10.97 -0.22 -6.80	15.06 -0.59 -3.68	11.88 -0.28 -7.03	23.35 -0.92 -0.40
SYRACUSE___ENERGY_ST1 323597	29.66 0.07 0.00	27.25 0.05 0.00	26.48 0.04 0.00	25.46 0.03 0.00	26.25 0.06 0.00	25.61 0.03 0.00	25.21 -0.01 0.00	28.18 -0.07 0.00	34.35 -0.16 0.00	25.17 -0.17 -0.74	8.23 -0.03 -4.34	5.92 -0.01 -3.92	19.13 -0.09 -1.58	7.50 -0.01 -5.77	6.41 0.00 -6.14	15.19 -0.06 -5.00	38.48 -0.29 -1.12	41.35 -0.23 -0.38	27.31 -0.14 -1.65	17.48 -0.06 -0.88	10.19 -0.01 -5.81	15.10 -0.02 -3.14	11.12 -0.01 -6.01	24.18 -0.03 -0.35
SYRACUSE___ENERGY_ST2 323598	29.66 0.07 0.00	27.25 0.05 0.00	26.48 0.04 0.00	25.46 0.03 0.00	26.25 0.06 0.00	25.61 0.03 0.00	25.21 -0.01 0.00	28.18 -0.07 0.00	34.35 -0.16 0.00	25.17 -0.17 -0.74	8.23 -0.03 -4.34	5.92 -0.01 -3.92	19.13 -0.09 -1.58	7.50 -0.01 -5.77	6.41 0.00 -6.14	15.19 -0.06 -5.00	38.48 -0.29 -1.12	41.35 -0.23 -0.38	27.31 -0.14 -1.65	17.48 -0.06 -0.88	10.19 -0.01 -5.81	15.10 -0.02 -3.14	11.12 -0.01 -6.01	24.18 -0.03 -0.35
SYRACUSE___POWER 24017	29.66 0.07 0.00	27.26 0.06 0.00	26.49 0.04 0.00	25.47 0.03 0.00	26.24 0.05 0.00	25.60 0.03 0.00	25.20 -0.02 0.00	28.19 -0.05 0.00	34.38 -0.13 0.00	25.19 -0.17 -0.76	8.32 -0.03 -4.42	6.00 -0.01 -4.00	19.18 -0.08 -1.61	7.61 -0.01 -5.88	6.52 0.00 -6.25	15.28 -0.06 -5.10	38.49 -0.29 -1.14	41.36 -0.23 -0.38	27.33 -0.14 -1.69	17.51 -0.05 -0.90	10.34 -0.01 -5.96	15.18 -0.01 -3.22	11.28 -0.01 -6.16	24.20 -0.02 -0.35
TALLMAN___138KV_BK151 55660	30.74 1.15 0.00	28.20 1.01 0.00	27.40 0.95 0.00	26.35 0.91 0.00	27.10 0.91 0.00	26.47 0.89 0.00	26.26 1.03 0.00	29.51 1.27 0.00	36.22 1.70 0.00	29.31 1.23 -3.48	24.44 0.19 -20.33	20.47 0.10 -18.37	25.94 0.89 -7.40	28.84 0.09 -27.01	29.01 0.01 -28.73	34.26 0.58 -23.42	44.92 2.03 -5.25	45.32 2.36 -1.76	35.04 1.47 -7.78	21.74 0.89 -4.18	32.26 0.25 -27.62	27.58 0.67 -14.93	33.96 0.27 -28.56	26.76 1.24 -1.64
TEALLAVE_115KV_TB7 355573	29.50 -0.09 0.00	27.12 -0.08 0.00	26.35 -0.09 0.00	25.34 -0.10 0.00	26.10 -0.09 0.00	25.47 -0.11 0.00	25.06 -0.17 0.00	28.02 -0.23 0.00	34.16 -0.35 0.00	24.99 -0.30 -0.69	7.88 -0.05 -4.01	5.61 -0.02 -3.62	18.93 -0.18 -1.46	7.05 -0.02 -5.33	5.94 0.00 -5.67	14.74 -0.13 -4.62	38.12 -0.55 -1.04	40.99 -0.56 -0.35	26.97 -0.35 -1.53	17.30 -0.18 -0.82	9.74 -0.04 -5.39	14.80 -0.09 -2.92	10.66 -0.04 -5.58	24.02 -0.17 -0.32

TELGRAPH_34_KV_EAST 80808	29.69 0.10 0.00	27.52 0.32 0.00	26.64 0.20 0.00	25.57 0.14 0.00	26.29 0.09 0.00	25.57 0.00 0.00	24.80 -0.42 0.00	27.78 -0.46 0.00	33.69 -0.82 0.00	24.76 -0.75 -0.92	9.16 -0.13 -5.37	6.81 -0.05 -4.85	18.99 -0.61 -1.96	8.79 -0.08 -7.13	7.83 -0.02 -7.58	15.81 -0.62 -6.18	37.04 -1.99 -1.39	39.69 -1.98 -0.46	26.39 -1.40 -2.00	16.69 -1.00 -1.02	10.88 -0.26 -6.75	14.94 -0.68 -3.65	11.79 -0.32 -6.98	23.19 -1.08 -0.40
TEMPLE___115KV_TB 2 55572	29.52 -0.07 0.00	27.14 -0.06 0.00	26.37 -0.08 0.00	25.35 -0.08 0.00	26.12 -0.08 0.00	25.48 -0.10 0.00	25.08 -0.15 0.00	28.03 -0.21 0.00	34.17 -0.34 0.00	25.00 -0.29 -0.69	7.93 -0.04 -4.05	5.65 -0.02 -3.66	18.95 -0.16 -1.48	7.10 -0.02 -5.38	5.99 -0.01 -5.72	14.79 -0.12 -4.67	38.15 -0.54 -1.05	41.02 -0.53 -0.35	27.01 -0.33 -1.54	17.32 -0.17 -0.83	9.80 -0.04 -5.45	14.84 -0.08 -2.95	10.73 -0.04 -5.63	24.04 -0.15 -0.32
TIANA___69_KV_BK 1 55817	31.86 2.27 0.00	29.18 1.98 0.00	28.17 1.72 0.00	27.17 1.74 0.00	27.97 1.78 0.00	27.41 1.83 0.00	27.31 2.08 0.00	30.74 2.49 0.00	38.09 3.58 0.00	30.85 2.58 -3.67	33.19 0.42 -28.85	21.51 0.19 -19.31	27.13 1.71 -7.78	30.29 0.15 -28.40	30.51 0.03 -30.20	39.70 1.14 -28.32	395.17 3.79 -353.75	146.77 4.01 -101.56	160.72 2.72 -132.21	120.48 1.72 -102.10	228.34 0.45 -223.49	352.84 1.27 -339.60	151.98 0.54 -146.31	28.13 2.53 -1.73
TILDEN___115KV_TB1 80814	29.66 0.07 0.00	27.26 0.06 0.00	26.49 0.04 0.00	25.47 0.03 0.00	26.24 0.05 0.00	25.60 0.03 0.00	25.20 -0.02 0.00	28.19 -0.05 0.00	34.38 -0.13 0.00	25.19 -0.17 -0.76	8.32 -0.03 -4.42	6.00 -0.01 -4.00	19.18 -0.08 -1.61	7.61 -0.01 -5.88	6.52 0.00 -6.25	15.28 -0.06 -5.10	38.49 -0.29 -1.14	41.36 -0.23 -0.38	27.33 -0.14 -1.69	17.51 -0.05 -0.90	10.34 -0.01 -5.96	15.18 -0.01 -3.22	11.28 -0.01 -6.16	24.20 -0.02 -0.35
TRIGEN___CC 323695	31.09 1.50 0.00	28.53 1.33 0.00	27.52 1.07 0.00	26.58 1.14 0.00	27.35 1.16 0.00	26.76 1.19 0.00	26.60 1.37 0.00	29.92 1.68 0.00	36.89 2.38 0.00	30.01 1.76 -3.66	25.59 0.29 -21.37	21.45 0.13 -19.31	26.65 1.23 -7.78	30.25 0.11 -28.40	30.50 0.02 -30.20	35.67 0.80 -24.62	45.78 2.62 -5.52	45.87 2.81 -1.85	35.87 1.90 -8.17	22.24 1.18 -4.39	33.74 0.32 -29.03	28.57 0.90 -15.70	35.53 0.38 -30.02	27.31 1.72 -1.73
TRINITY___115KV__ 4 BK 55933	29.78 0.19 0.00	27.41 0.21 0.00	26.68 0.24 0.00	25.67 0.24 0.00	26.43 0.24 0.00	25.93 0.35 0.00	25.61 0.39 0.00	28.60 0.36 0.00	35.04 0.53 0.00	29.40 0.42 -4.38	29.62 0.07 -25.63	25.20 0.04 -23.15	27.30 0.33 -9.33	35.82 0.03 -34.04	36.49 0.01 -36.21	39.98 0.20 -29.52	45.00 0.74 -6.61	44.15 0.73 -2.22	36.08 0.49 -9.80	22.30 0.37 -5.27	39.26 0.08 -34.78	31.01 0.23 -18.81	41.18 0.09 -35.96	26.33 0.39 -2.07
UNION___PROCESSING_DRP 323587	29.69 0.10 0.00	27.42 0.23 0.00	26.59 0.15 0.00	25.53 0.10 0.00	26.28 0.08 0.00	25.62 0.04 0.00	25.05 -0.18 0.00	28.06 -0.19 0.00	34.07 -0.44 0.00	25.01 -0.42 -0.83	8.74 -0.06 -4.88	6.38 -0.03 -4.41	19.11 -0.31 -1.78	8.18 -0.04 -6.48	7.15 -0.01 -6.89	15.55 -0.32 -5.62	37.90 -1.00 -1.26	40.66 -0.96 -0.42	26.93 -0.69 -1.83	17.11 -0.50 -0.95	10.53 -0.13 -6.27	15.04 -0.33 -3.39	11.46 -0.15 -6.48	23.72 -0.52 -0.37
UPPER HUDSON___HYD 24058	31.04 1.46 0.00	28.66 1.46 0.00	27.88 1.43 0.00	26.84 1.41 0.00	27.63 1.44 0.00	27.12 1.54 0.00	26.90 1.67 0.00	30.02 1.78 0.00	36.86 2.34 0.00	30.85 1.74 -4.51	30.59 0.28 -26.39	25.98 0.14 -23.84	28.43 1.18 -9.61	36.92 0.11 -35.06	37.59 0.02 -37.29	41.30 0.65 -30.40	46.81 2.36 -6.81	45.89 2.41 -2.29	37.31 1.43 -10.09	23.03 0.94 -5.42	40.46 0.25 -35.82	32.01 0.67 -19.37	42.48 0.32 -37.03	27.58 1.58 -2.13
UPPER RAQUET___HYD 24056	29.29 -0.30 0.00	26.78 -0.42 0.00	26.13 -0.32 0.00	25.17 -0.26 0.00	25.90 -0.29 0.00	25.48 -0.10 0.00	25.06 -0.16 0.00	28.33 0.09 0.00	34.47 -0.04 0.00	25.02 0.24 -0.18	5.02 0.02 -1.08	2.95 -0.03 -0.98	17.91 -0.13 -0.39	3.18 0.00 -1.44	1.81 0.01 -1.53	11.48 -0.02 -1.25	38.72 0.80 -0.28	41.09 -0.21 -0.09	25.87 -0.33 -0.41	16.44 -0.44 -0.22	5.68 -0.17 -1.46	12.20 -0.56 -0.79	6.53 -0.11 -1.51	23.33 -0.62 -0.09
VALLEY44_115KV_TB2 355964	30.63 1.04 0.00	28.22 1.02 0.00	27.39 0.94 0.00	26.26 0.83 0.00	27.04 0.84 0.00	26.30 0.72 0.00	25.76 0.53 0.00	28.97 0.73 0.00	35.27 0.76 0.00	25.88 0.26 -1.03	9.92 0.01 -5.99	7.44 0.02 -5.41	20.00 0.17 -2.18	9.71 0.01 -7.96	8.73 -0.01 -8.47	17.02 -0.14 -6.90	38.87 -0.32 -1.55	41.62 -0.10 -0.52	27.56 -0.44 -2.21	17.37 -0.41 -1.11	11.66 -0.09 -7.36	15.72 -0.23 -3.98	12.60 -0.14 -7.61	24.12 -0.19 -0.44
VALLEY___115KV_TB 1-4 80826	29.63 0.04 0.00	27.16 -0.04 0.00	26.41 -0.03 0.00	25.41 -0.02 0.00	26.18 -0.01 0.00	25.53 -0.04 0.00	25.30 0.08 0.00	28.49 0.24 0.00	34.83 0.32 0.00	24.83 0.12 -0.11	4.58 0.01 -0.65	2.58 -0.01 -0.59	17.78 -0.10 -0.24	2.60 -0.01 -0.87	1.20 0.00 -0.92	11.12 0.12 -0.75	38.39 0.58 -0.17	41.98 0.72 -0.06	26.49 0.45 -0.25	17.14 0.35 -0.13	5.37 0.10 -0.88	12.71 0.26 -0.47	6.13 0.09 -0.91	24.20 0.28 -0.05
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.70 1.11 0.00	28.15 0.95 0.00	27.35 0.91 0.00	26.31 0.87 0.00	27.07 0.88 0.00	26.41 0.83 0.00	26.11 0.89 0.00	29.32 1.08 0.00	35.92 1.41 0.00	27.45 0.96 -1.90	15.14 0.15 -11.08	12.09 0.08 -10.01	22.35 0.67 -4.03	16.52 0.06 -14.72	15.94 0.01 -15.66	23.45 0.44 -12.76	42.07 1.57 -2.86	44.09 1.93 -0.96	31.32 1.28 -4.24	19.74 0.79 -2.29	19.69 0.21 -15.09	20.69 0.56 -8.16	20.96 0.23 -15.60	25.78 1.01 -0.90
VISCHER___FERRY HYD 24020	30.28 0.69 0.00	27.89 0.69 0.00	27.16 0.72 0.00	26.14 0.71 0.00	26.90 0.71 0.00	26.33 0.75 0.00	26.04 0.82 0.00	29.12 0.87 0.00	35.69 1.18 0.00	29.93 0.91 -4.43	29.96 0.15 -25.89	25.47 0.08 -23.39	27.75 0.67 -9.43	36.20 0.07 -34.40	36.87 0.01 -36.58	40.47 0.39 -29.83	45.81 1.49 -6.68	44.93 1.49 -2.24	36.62 0.93 -9.90	22.62 0.63 -5.32	39.69 0.16 -35.14	31.41 0.44 -19.00	41.64 0.18 -36.33	26.78 0.82 -2.09
V_A_10_SYNC_DSASP 323832	29.32 -0.27 0.00	27.16 -0.04 0.00	26.33 -0.11 0.00	25.27 -0.17 0.00	25.98 -0.22 0.00	25.29 -0.29 0.00	24.60 -0.63 0.00	27.56 -0.68 0.00	33.45 -1.07 0.00	24.61 -0.87 -0.88	8.94 -0.13 -5.16	6.60 -0.06 -4.66	18.89 -0.63 -1.88	8.52 -0.07 -6.85	7.54 -0.02 -7.29	15.58 -0.61 -5.94	36.91 -2.06 -1.33	39.50 -2.15 -0.45	26.24 -1.47 -1.92	16.62 -1.03 -0.99	10.66 -0.26 -6.53	14.83 -0.68 -3.53	11.58 -0.30 -6.76	23.16 -1.10 -0.39
V_CMM_10_SYNC_DSASP 323787	29.05 -0.54 0.00	26.59 -0.61 0.00	25.93 -0.51 0.00	24.95 -0.48 0.00	25.64 -0.56 0.00	25.23 -0.35 0.00	24.78 -0.45 0.00	27.97 -0.27 0.00	34.07 -0.44 0.00	24.78 0.05 -0.14	4.72 0.00 -0.81	2.70 -0.04 -0.73	17.72 -0.21 -0.30	2.80 -0.01 -1.07	1.42 0.01 -1.14	11.07 -0.11 -0.93	38.18 0.33 -0.21	40.43 -0.84 -0.07	25.44 -0.66 -0.31	16.17 -0.65 -0.16	5.25 -0.22 -1.09	11.89 -0.67 -0.59	6.12 -0.13 -1.12	23.21 -0.73 -0.06

V_CMP_10_SYNC_DSASP 323788	29.54 -0.05 0.00	27.17 -0.03 0.00	26.61 0.17 0.00	25.66 0.23 0.00	26.36 0.17 0.00	26.00 0.42 0.00	25.50 0.27 0.00	28.74 0.50 0.00	35.23 0.72 0.00	25.58 0.85 -0.14	4.84 0.11 -0.81	2.71 -0.02 -0.73	17.88 -0.05 -0.30	2.83 0.02 -1.07	1.43 0.02 -1.14	11.24 0.06 -0.93	39.16 1.31 -0.21	41.76 0.48 -0.07	26.09 -0.01 -0.31	16.56 -0.26 -0.16	5.35 -0.12 -1.08	12.13 -0.43 -0.59	6.18 -0.07 -1.12	23.57 -0.36 -0.06
V_D_10_SYNC_DSASP 323841	29.01 -0.58 0.00	26.93 -0.27 0.00	26.10 -0.35 0.00	25.05 -0.39 0.00	25.72 -0.47 0.00	25.00 -0.57 0.00	24.21 -1.02 0.00	27.09 -1.15 0.00	32.85 -1.66 0.00	24.23 -1.30 -0.94	9.20 -0.20 -5.47	6.87 -0.08 -4.94	18.68 -0.96 -2.00	8.89 -0.12 -7.27	7.98 -0.03 -7.74	15.69 -0.87 -6.31	36.10 -2.95 -1.41	38.53 -3.14 -0.47	25.70 -2.12 -2.03	16.24 -1.46 -1.04	10.86 -0.38 -6.85	14.67 -1.01 -3.71	11.77 -0.44 -7.08	22.64 -1.64 -0.41
V_E_10_SYNC_DSASP 323830	31.63 2.05 0.00	28.91 1.72 0.00	28.18 1.73 0.00	27.09 1.66 0.00	27.79 1.60 0.00	27.08 1.50 0.00	27.04 1.81 0.00	30.38 2.14 0.00	36.91 2.39 0.00	27.47 1.38 -1.49	12.82 0.19 -8.72	9.95 0.07 -7.88	21.50 0.68 -3.18	13.40 0.07 -11.59	12.60 0.00 -12.32	21.10 0.81 -10.05	43.26 3.37 -2.25	46.14 4.19 -0.76	31.76 2.64 -3.33	20.08 1.64 -1.78	16.58 0.41 -11.77	19.44 1.10 -6.37	17.73 0.43 -12.17	26.17 1.60 -0.70
V_F_30_NSYNC___DSASP 323816	30.82 1.23 0.00	28.40 1.20 0.00	27.63 1.19 0.00	26.59 1.16 0.00	27.37 1.18 0.00	26.81 1.23 0.00	26.54 1.31 0.00	29.69 1.45 0.00	36.40 1.89 0.00	30.49 1.38 -4.50	30.46 0.22 -26.32	25.90 0.11 -23.78	28.19 0.97 -9.58	36.80 0.09 -34.97	37.48 0.02 -37.19	41.14 0.57 -30.32	46.58 2.15 -6.79	45.72 2.24 -2.28	37.23 1.38 -10.06	22.98 0.91 -5.41	40.34 0.24 -35.72	31.92 0.63 -19.31	42.34 0.27 -36.93	27.27 1.27 -2.13
V_F_30_SYNC_DSASP 323786	29.89 0.30 0.00	27.51 0.31 0.00	26.77 0.32 0.00	25.76 0.33 0.00	26.52 0.32 0.00	26.02 0.44 0.00	25.70 0.47 0.00	28.71 0.47 0.00	35.17 0.66 0.00	29.54 0.52 -4.41	29.82 0.09 -25.81	25.37 0.05 -23.32	27.44 0.39 -9.40	36.07 0.04 -34.29	36.75 0.01 -36.47	40.24 0.25 -29.73	45.22 0.92 -6.66	44.37 0.94 -2.24	36.27 0.61 -9.87	22.41 0.44 -5.30	39.53 0.10 -35.03	31.20 0.28 -18.94	41.46 0.11 -36.22	26.44 0.49 -2.08
V_XM_10_SYNC_DSASP 323789	29.54 -0.05 0.00	27.17 -0.03 0.00	26.61 0.17 0.00	25.66 0.23 0.00	26.36 0.17 0.00	26.00 0.42 0.00	25.50 0.27 0.00	28.74 0.50 0.00	35.23 0.72 0.00	25.58 0.85 -0.14	4.84 0.11 -0.81	2.71 -0.02 -0.73	17.88 -0.05 -0.30	2.83 0.02 -1.07	1.43 0.02 -1.14	11.24 0.06 -0.93	39.16 1.31 -0.21	41.76 0.48 -0.07	26.09 -0.01 -0.31	16.56 -0.26 -0.16	5.35 -0.12 -1.08	12.13 -0.43 -0.59	6.18 -0.07 -1.12	23.57 -0.36 -0.06
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.89 1.30 0.00	28.34 1.15 0.00	27.53 1.09 0.00	26.47 1.04 0.00	27.24 1.04 0.00	26.61 1.03 0.00	26.45 1.23 0.00	29.74 1.50 0.00	36.50 1.99 0.00	29.59 1.45 -3.54	24.84 0.23 -20.70	20.82 0.12 -18.70	26.23 1.05 -7.54	29.34 0.10 -27.50	29.53 0.02 -29.24	34.77 0.68 -23.84	45.37 2.39 -5.34	45.75 2.75 -1.79	35.43 1.73 -7.92	21.98 1.06 -4.26	32.80 0.29 -28.11	27.96 0.78 -15.20	34.52 0.32 -29.07	26.98 1.44 -1.67
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.88 1.29 0.00	28.31 1.12 0.00	27.50 1.06 0.00	26.46 1.02 0.00	27.20 1.01 0.00	26.59 1.01 0.00	26.41 1.18 0.00	29.73 1.49 0.00	36.46 1.95 0.00	29.68 1.43 -3.66	25.51 0.23 -21.37	21.43 0.12 -19.30	26.46 1.03 -7.78	30.23 0.10 -28.39	30.48 0.02 -30.20	35.54 0.67 -24.62	45.52 2.36 -5.52	45.77 2.72 -1.85	35.72 1.75 -8.17	22.13 1.08 -4.39	33.71 0.30 -29.03	28.46 0.80 -15.69	35.47 0.33 -30.01	27.06 1.46 -1.73
W50THST__13_KV_LOAD 356117	31.10 1.51 0.00	28.51 1.31 0.00	27.69 1.25 0.00	26.66 1.22 0.00	27.42 1.23 0.00	26.79 1.22 0.00	26.62 1.40 0.00	29.98 1.74 0.00	36.78 2.27 0.00	29.91 1.66 -3.66	25.55 0.26 -21.37	21.45 0.14 -19.30	26.62 1.19 -7.78	30.25 0.12 -28.39	30.49 0.02 -30.20	35.63 0.76 -24.62	45.86 2.70 -5.52	46.14 3.09 -1.85	35.93 1.97 -8.17	22.27 1.22 -4.39	33.75 0.33 -29.03	28.56 0.89 -15.69	35.51 0.37 -30.01	27.24 1.64 -1.73
WADING RIVER_IC_1 23522	31.56 1.97 0.00	28.92 1.72 0.00	27.91 1.46 0.00	26.94 1.51 0.00	27.72 1.53 0.00	27.16 1.59 0.00	27.05 1.83 0.00	30.45 2.21 0.00	37.69 3.18 0.00	30.57 2.31 -3.67	33.18 0.39 -28.88	21.48 0.17 -19.31	26.93 1.51 -7.78	30.27 0.13 -28.40	30.50 0.03 -30.20	39.64 1.06 -28.34	395.98 3.26 -355.08	146.51 3.36 -101.94	160.77 2.29 -132.69	120.62 1.48 -102.48	229.02 0.39 -224.24	353.95 1.13 -340.84	152.37 0.48 -146.75	27.85 2.25 -1.73
WADING RIVER_IC_2 23547	31.56 1.97 0.00	28.92 1.72 0.00	27.91 1.46 0.00	26.94 1.51 0.00	27.72 1.53 0.00	27.16 1.59 0.00	27.05 1.83 0.00	30.45 2.21 0.00	37.69 3.18 0.00	30.57 2.31 -3.67	33.18 0.39 -28.88	21.48 0.17 -19.31	26.93 1.51 -7.78	30.27 0.13 -28.40	30.50 0.03 -30.20	39.64 1.06 -28.34	395.98 3.26 -355.08	146.51 3.36 -101.94	160.77 2.29 -132.69	120.62 1.48 -102.48	229.02 0.39 -224.24	353.95 1.13 -340.84	152.37 0.48 -146.75	27.85 2.25 -1.73
WADING RIVER_IC_3 23601	31.56 1.97 0.00	28.92 1.72 0.00	27.91 1.46 0.00	26.94 1.51 0.00	27.72 1.53 0.00	27.16 1.59 0.00	27.05 1.83 0.00	30.45 2.21 0.00	37.69 3.18 0.00	30.57 2.31 -3.67	33.18 0.39 -28.88	21.48 0.17 -19.31	26.93 1.51 -7.78	30.27 0.13 -28.40	30.50 0.03 -30.20	39.64 1.06 -28.34	395.98 3.26 -355.08	146.51 3.36 -101.94	160.77 2.29 -132.69	120.62 1.48 -102.48	229.02 0.39 -224.24	353.95 1.13 -340.84	152.37 0.48 -146.75	27.85 2.25 -1.73
WALDENNY_12_KV_BK2 80841	29.91 0.32 0.00	27.70 0.50 0.00	26.85 0.40 0.00	25.75 0.32 0.00	26.49 0.29 0.00	25.78 0.20 0.00	25.05 -0.17 0.00	28.09 -0.16 0.00	34.12 -0.39 0.00	25.11 -0.46 -0.97	9.52 -0.09 -5.68	7.11 -0.03 -5.14	19.38 -0.34 -2.07	9.24 -0.05 -7.55	8.29 -0.02 -8.03	16.30 -0.49 -6.55	37.47 -1.64 -1.47	40.10 -1.59 -0.49	26.65 -1.24 -2.11	16.81 -0.92 -1.07	11.22 -0.23 -7.06	15.18 -0.61 -3.82	12.14 -0.30 -7.30	23.34 -0.96 -0.42
WALDEN___HYDRO 24148	30.87 1.28 0.00	28.32 1.12 0.00	27.52 1.07 0.00	26.45 1.02 0.00	27.21 1.02 0.00	26.59 1.01 0.00	26.36 1.14 0.00	29.63 1.39 0.00	36.37 1.86 0.00	29.47 1.34 -3.53	24.76 0.21 -20.64	20.74 0.09 -18.65	26.00 0.84 -7.52	29.24 0.08 -27.42	29.45 0.01 -29.16	34.62 0.59 -23.78	45.14 2.17 -5.33	45.57 2.58 -1.79	35.30 1.61 -7.89	21.88 0.98 -4.24	32.69 0.27 -28.04	27.84 0.70 -15.16	34.40 0.29 -28.99	26.82 1.28 -1.67
WARRENSBURG____ 23737	31.04 1.46 0.00	28.66 1.46 0.00	27.88 1.43 0.00	26.84 1.41 0.00	27.63 1.44 0.00	27.12 1.54 0.00	26.90 1.67 0.00	30.02 1.78 0.00	36.86 2.34 0.00	30.85 1.74 -4.51	30.59 0.28 -26.39	25.98 0.14 -23.84	28.43 1.18 -9.61	36.92 0.11 -35.06	37.59 0.02 -37.29	41.30 0.65 -30.40	46.81 2.36 -6.81	45.89 2.41 -2.29	37.31 1.43 -10.09	23.03 0.94 -5.42	40.46 0.25 -35.82	32.01 0.67 -19.37	42.48 0.32 -37.03	27.58 1.58 -2.13

WATERSIDE___6 8 9 23538	30.90 1.31 0.00	28.33 1.14 0.00	27.52 1.07 0.00	26.48 1.05 0.00	27.25 1.06 0.00	26.63 1.05 0.00	26.47 1.25 0.00	29.81 1.57 0.00	36.56 2.04 0.00	29.76 1.51 -3.66	25.53 0.24 -21.37	21.44 0.12 -19.31	26.50 1.07 -7.78	30.24 0.10 -28.39	30.49 0.02 -30.20	35.56 0.69 -24.62	45.60 2.45 -5.52	45.84 2.79 -1.85	35.76 1.79 -8.17	22.16 1.11 -4.39	33.72 0.30 -29.03	28.48 0.81 -15.69	35.48 0.33 -30.01	27.07 1.47 -1.73
WATKINRD_115KV_LN8_ILLION 55919	29.65 0.06 0.00	27.20 0.01 0.00	26.47 0.03 0.00	25.47 0.03 0.00	26.23 0.04 0.00	25.62 0.04 0.00	25.34 0.11 0.00	28.44 0.19 0.00	34.77 0.26 0.00	24.82 0.11 -0.11	4.59 0.01 -0.65	2.59 0.00 -0.59	17.87 -0.01 -0.24	2.61 0.00 -0.87	1.20 0.00 -0.92	11.10 0.09 -0.75	38.29 0.48 -0.17	41.84 0.58 -0.06	26.40 0.36 -0.25	17.05 0.25 -0.13	5.34 0.07 -0.88	12.62 0.17 -0.47	6.11 0.06 -0.91	24.14 0.22 -0.05
WATSON___69_KV_BK 1 55734	31.81 2.22 0.00	29.14 1.94 0.00	28.12 1.67 0.00	27.14 1.70 0.00	27.92 1.73 0.00	27.36 1.78 0.00	27.22 1.99 0.00	30.64 2.39 0.00	37.88 3.37 0.00	30.73 2.47 -3.66	28.28 0.39 -23.97	21.49 0.18 -19.31	27.07 1.65 -7.78	30.29 0.15 -28.40	30.51 0.03 -30.20	37.20 1.04 -25.91	167.65 3.43 -126.58	81.33 3.61 -36.51	79.77 2.69 -51.30	56.67 1.64 -38.36	101.47 0.44 -96.64	141.45 1.18 -128.30	76.08 0.51 -70.44	27.99 2.39 -1.73
WDELAWARE___HYD 323627	30.40 0.81 0.00	27.88 0.68 0.00	27.07 0.62 0.00	26.02 0.59 0.00	26.77 0.58 0.00	26.16 0.58 0.00	25.95 0.73 0.00	29.21 0.96 0.00	35.83 1.32 0.00	28.86 0.93 -3.32	23.49 0.12 -19.44	19.63 0.05 -17.56	25.28 0.56 -7.08	27.62 0.05 -25.83	27.76 0.01 -27.48	33.10 0.45 -22.40	44.30 1.64 -5.02	44.93 2.04 -1.68	34.53 1.30 -7.44	21.43 0.77 -4.00	31.02 0.21 -26.42	26.80 0.54 -14.29	32.66 0.22 -27.32	26.39 0.95 -1.57
WEST BABYLON___IC 23714	31.61 2.02 0.00	28.97 1.78 0.00	27.96 1.52 0.00	26.99 1.55 0.00	27.77 1.57 0.00	27.20 1.63 0.00	27.06 1.83 0.00	30.45 2.21 0.00	37.63 3.12 0.00	30.57 2.31 -3.66	26.25 0.37 -21.96	21.48 0.17 -19.31	26.96 1.53 -7.78	30.28 0.14 -28.40	30.50 0.03 -30.20	36.16 1.00 -24.91	73.86 3.28 -32.94	54.35 3.44 -9.70	46.23 2.49 -17.94	30.29 1.55 -12.09	49.15 0.41 -44.35	54.31 1.13 -41.21	44.79 0.48 -39.18	27.84 2.24 -1.73
WEST CANADA___HYD 24049	29.57 -0.02 0.00	27.17 -0.03 0.00	26.42 -0.03 0.00	25.41 -0.03 0.00	26.18 -0.01 0.00	25.58 0.00 0.00	25.24 0.01 0.00	28.27 0.03 0.00	34.56 0.05 0.00	24.74 0.03 -0.11	4.58 0.00 -0.65	2.60 0.00 -0.59	17.88 0.00 -0.24	2.61 0.00 -0.87	1.20 0.00 -0.92	11.02 0.02 -0.75	37.92 0.11 -0.17	41.34 0.08 -0.06	26.07 0.03 -0.25	16.80 0.00 -0.13	5.27 0.00 -0.88	12.44 -0.01 -0.47	6.04 0.00 -0.91	23.90 -0.02 -0.05
WESTERN_NY_WIND 24143	30.16 0.57 0.00	27.91 0.72 0.00	27.04 0.60 0.00	25.95 0.52 0.00	26.69 0.50 0.00	25.86 0.28 0.00	25.03 -0.20 0.00	28.04 -0.21 0.00	33.95 -0.56 0.00	24.90 -0.62 -0.93	9.24 -0.10 -5.42	6.86 -0.05 -4.90	19.04 -0.58 -1.97	8.86 -0.08 -7.20	7.91 -0.02 -7.66	15.93 -0.56 -6.25	37.34 -1.70 -1.40	40.07 -1.60 -0.47	26.64 -1.17 -2.01	16.84 -0.85 -1.03	10.97 -0.23 -6.80	15.06 -0.59 -3.68	11.88 -0.28 -7.03	23.36 -0.92 -0.40
WESTOVER___LESR 323668	30.04 0.45 0.00	27.57 0.38 0.00	26.81 0.36 0.00	25.74 0.31 0.00	26.53 0.33 0.00	25.87 0.29 0.00	25.50 0.27 0.00	28.59 0.34 0.00	34.91 0.40 0.00	26.34 0.18 -1.57	13.11 0.02 -9.17	10.31 0.02 -8.29	21.15 0.17 -3.34	13.94 0.02 -12.19	13.23 0.00 -12.96	20.89 0.08 -10.57	40.24 0.24 -2.37	42.41 0.42 -0.79	29.56 0.26 -3.50	18.72 0.18 -1.88	16.84 0.06 -12.39	18.83 0.16 -6.70	17.99 0.05 -12.81	24.91 0.31 -0.74
WETHRSFD_WT_PWR 323626	29.59 0.00 0.00	27.38 0.18 0.00	26.54 0.10 0.00	25.54 0.10 0.00	26.31 0.11 0.00	25.65 0.08 0.00	25.03 -0.20 0.00	28.08 -0.16 0.00	34.19 -0.32 0.00	25.20 -0.46 -1.06	10.02 -0.10 -6.19	7.57 -0.03 -5.59	19.52 -0.38 -2.25	9.92 -0.05 -8.23	9.00 -0.02 -8.75	16.87 -0.51 -7.13	37.45 -1.79 -1.60	39.95 -1.79 -0.54	26.62 -1.45 -2.28	16.65 -1.16 -1.15	11.68 -0.29 -7.58	15.34 -0.73 -4.10	12.62 -0.35 -7.84	23.17 -1.15 -0.45
WHAVSTOR_138KV_BK127 55557	30.73 1.14 0.00	28.20 1.00 0.00	27.40 0.95 0.00	26.34 0.91 0.00	27.09 0.90 0.00	26.47 0.90 0.00	26.36 1.13 0.00	29.64 1.40 0.00	36.38 1.87 0.00	29.53 1.37 -3.57	24.98 0.22 -20.85	20.95 0.11 -18.83	26.23 0.99 -7.59	29.53 0.10 -27.70	29.74 0.02 -29.46	34.90 0.64 -24.02	45.27 2.25 -5.38	45.58 2.58 -1.81	35.39 1.63 -7.97	21.95 1.00 -4.29	32.98 0.27 -28.32	28.03 0.74 -15.31	34.71 0.30 -29.28	26.91 1.36 -1.69
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.73 1.14 0.00	28.20 1.00 0.00	27.40 0.95 0.00	26.34 0.91 0.00	27.09 0.90 0.00	26.47 0.90 0.00	26.36 1.13 0.00	29.64 1.40 0.00	36.38 1.87 0.00	29.53 1.37 -3.57	24.98 0.22 -20.85	20.95 0.11 -18.83	26.23 0.99 -7.59	29.53 0.10 -27.70	29.74 0.02 -29.46	34.90 0.64 -24.02	45.27 2.25 -5.38	45.58 2.58 -1.81	35.39 1.63 -7.97	21.95 1.00 -4.29	32.98 0.27 -28.32	28.03 0.74 -15.31	34.71 0.30 -29.28	26.91 1.36 -1.69
WHITEHAL_115KV_TB1 80871	31.23 1.64 0.00	29.04 1.84 0.00	28.23 1.78 0.00	27.19 1.76 0.00	27.99 1.79 0.00	27.66 2.08 0.00	27.63 2.40 0.00	30.81 2.57 0.00	37.96 3.45 0.00	31.70 2.59 -4.51	30.69 0.41 -26.36	26.03 0.21 -23.81	29.09 1.85 -9.60	36.94 0.18 -35.02	37.55 0.04 -37.24	41.58 0.96 -30.36	48.25 3.81 -6.80	47.12 3.63 -2.28	37.87 1.99 -10.08	23.44 1.36 -5.42	40.54 0.38 -35.77	32.36 1.05 -19.34	42.55 0.44 -36.98	28.12 2.12 -2.13
WHITEPLN_13_KV_LOAD 356215	31.03 1.44 0.00	28.47 1.27 0.00	27.65 1.20 0.00	26.59 1.15 0.00	27.33 1.14 0.00	26.70 1.13 0.00	26.53 1.30 0.00	29.84 1.60 0.00	36.63 2.12 0.00	29.81 1.56 -3.65	25.51 0.25 -21.35	21.42 0.13 -19.29	26.54 1.12 -7.78	30.21 0.11 -28.36	30.46 0.02 -30.16	35.56 0.72 -24.59	45.70 2.55 -5.51	45.98 2.93 -1.85	35.82 1.86 -8.17	22.20 1.15 -4.39	33.70 0.31 -28.99	28.49 0.84 -15.68	35.45 0.35 -29.98	27.13 1.53 -1.73
WM_FLOYD_69_KV_BK2 356380	31.54 1.96 0.00	28.91 1.71 0.00	27.90 1.46 0.00	26.93 1.50 0.00	27.71 1.52 0.00	27.16 1.58 0.00	27.05 1.82 0.00	30.43 2.19 0.00	37.67 3.16 0.00	30.55 2.28 -3.67	33.06 0.37 -28.77	21.48 0.16 -19.31	26.91 1.48 -7.78	30.27 0.13 -28.40	30.50 0.03 -30.20	39.54 1.00 -28.28	390.98 3.30 -350.04	145.15 3.45 -100.50	159.07 2.39 -130.89	119.22 1.50 -101.06	226.21 0.40 -221.42	349.23 1.11 -336.15	150.68 0.48 -145.07	27.83 2.23 -1.73
WOODARD__115KV_TB2 355635	29.43 -0.16 0.00	27.05 -0.15 0.00	26.29 -0.16 0.00	25.27 -0.16 0.00	26.04 -0.16 0.00	25.40 -0.18 0.00	24.99 -0.23 0.00	27.94 -0.30 0.00	34.07 -0.44 0.00	24.94 -0.36 -0.70	7.94 -0.05 -4.08	5.67 -0.02 -3.69	18.91 -0.22 -1.49	7.14 -0.02 -5.42	6.03 -0.01 -5.77	14.81 -0.15 -4.70	38.08 -0.61 -1.05	40.96 -0.60 -0.35	26.97 -0.37 -1.56	17.29 -0.21 -0.83	9.82 -0.05 -5.48	14.82 -0.11 -2.96	10.74 -0.06 -5.66	23.98 -0.22 -0.33

YORK____WARBASSE	31.01	28.42	27.59	26.58	27.38	26.76	26.61	29.97	36.74	29.90	25.55	21.45	26.56	30.24	30.49	35.61	45.72	46.00	35.87	22.24	33.74	28.55	35.51	27.17
23770	1.42	1.22	1.15	1.15	1.19	1.18	1.39	1.73	2.24	1.64	0.26	0.13	1.14	0.11	0.02	0.74	2.56	2.95	1.90	1.18	0.32	0.88	0.36	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.66	-21.37	-19.31	-7.78	-28.39	-30.20	-24.62	-5.52	-1.85	-8.17	-4.39	-29.03	-15.69	-30.01	-1.73