

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/24/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	29.89	29.65	26.98	26.27	24.05	26.35	23.87	27.21	29.91	33.03	34.72	35.24	35.89	33.85	34.12	34.37	34.77	35.97	37.74	42.94	43.41	39.84	34.22	30.40
24138	0.53	0.86	0.87	0.85	0.68	0.89	0.95	0.85	1.57	2.23	2.14	2.00	2.22	2.21	2.35	2.38	2.52	2.79	2.70	2.96	3.07	2.78	2.24	2.17
	-22.64	-17.26	-14.67	-14.19	-14.25	-13.65	-11.15	-16.13	-10.05	-4.60	-7.16	-9.17	-7.60	-5.94	-4.12	-4.04	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.89	29.65	26.97	26.26	24.05	26.33	23.85	27.19	29.87	32.97	34.67	35.19	35.84	33.77	34.04	34.29	34.69	35.91	37.67	42.86	43.37	39.76	34.15	30.37
24260	0.52	0.86	0.86	0.84	0.68	0.87	0.93	0.83	1.54	2.17	2.08	1.95	2.16	2.13	2.27	2.29	2.43	2.72	2.63	2.88	3.03	2.71	2.17	2.15
	-22.64	-17.26	-14.67	-14.19	-14.25	-13.65	-11.15	-16.13	-10.05	-4.60	-7.16	-9.17	-7.60	-5.94	-4.12	-4.04	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.89	29.65	26.97	26.26	24.05	26.33	23.85	27.19	29.87	32.97	34.67	35.19	35.84	33.77	34.04	34.29	34.69	35.91	37.67	42.86	43.37	39.76	34.15	30.37
24261	0.52	0.86	0.86	0.84	0.68	0.87	0.93	0.83	1.54	2.17	2.08	1.95	2.16	2.13	2.27	2.29	2.43	2.72	2.63	2.88	3.03	2.71	2.17	2.15
	-22.64	-17.26	-14.67	-14.19	-14.25	-13.65	-11.15	-16.13	-10.05	-4.60	-7.16	-9.17	-7.60	-5.94	-4.12	-4.04	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	33.80	32.61	29.47	28.67	26.47	28.66	25.67	29.89	31.39	33.53	35.61	36.51	36.75	34.23	34.16	34.36	34.71	35.41	37.46	42.82	43.29	39.80	34.25	30.17
24011	0.43	0.76	0.76	0.74	0.58	0.78	0.78	0.68	1.28	1.91	1.75	1.64	1.72	1.54	1.66	1.65	1.98	2.22	2.42	2.84	2.95	2.74	2.27	1.95
	-26.65	-20.32	-17.27	-16.71	-16.77	-16.07	-13.13	-18.98	-11.83	-5.42	-8.43	-10.80	-8.95	-6.99	-4.84	-4.76	-3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.85	32.67	29.53	28.73	26.52	28.72	25.73	29.95	31.51	33.69	35.77	36.65	36.88	34.34	34.30	34.48	34.86	35.61	37.67	43.11	43.57	40.10	34.48	30.31
23798	0.46	0.82	0.81	0.80	0.63	0.84	0.84	0.73	1.39	2.07	1.91	1.78	1.85	1.65	1.80	1.76	2.13	2.42	2.63	3.12	3.23	3.04	2.50	2.09
	-26.66	-20.33	-17.28	-16.71	-16.78	-16.07	-13.14	-18.99	-11.84	-5.42	-8.44	-10.80	-8.96	-7.00	-4.85	-4.76	-3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	33.80	32.61	29.47	28.67	26.47	28.66	25.67	29.89	31.39	33.53	35.61	36.51	36.75	34.23	34.16	34.36	34.71	35.41	37.46	42.82	43.29	39.80	34.25	30.17
24028	0.43	0.76	0.76	0.74	0.58	0.78	0.78	0.68	1.28	1.91	1.75	1.64	1.72	1.54	1.66	1.65	1.98	2.22	2.42	2.84	2.95	2.74	2.27	1.95
	-26.65	-20.32	-17.27	-16.71	-16.77	-16.07	-13.13	-18.98	-11.83	-5.42	-8.43	-10.80	-8.95	-6.99	-4.84	-4.76	-3.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.03	31.99	28.94	28.15	25.98	28.16	25.27	29.34	30.97	33.19	35.30	36.13	36.47	34.11	34.11	34.34	34.50	35.31	37.21	42.47	42.93	39.39	34.06	30.06
23527	0.41	0.71	0.71	0.70	0.57	0.73	0.74	0.66	1.19	1.73	1.68	1.56	1.69	1.62	1.74	1.76	1.87	2.13	2.17	2.48	2.58	2.34	2.08	1.83
	-25.90	-19.75	-16.79	-16.24	-16.30	-15.62	-12.76	-18.45	-11.50	-5.27	-8.20	-10.49	-8.70	-6.80	-4.71	-4.63	-3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	32.82	31.65	28.60	27.82	25.71	27.81	24.91	29.02	30.27	32.19	34.33	35.24	35.50	33.18	33.11	33.33	33.41	34.05	35.84	40.86	41.31	37.95	32.84	29.21
24190	0.21	0.38	0.38	0.37	0.30	0.39	0.39	0.34	0.49	0.73	0.71	0.67	0.73	0.69	0.75	0.75	0.77	0.86	0.81	0.88	0.97	0.89	0.86	0.99
	-25.89	-19.74	-16.78	-16.23	-16.30	-15.61	-12.76	-18.44	-11.49	-5.26	-8.19	-10.49	-8.70	-6.79	-4.71	-4.63	-3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	6.66	11.35	11.27	11.04	8.99	11.62	11.56	10.04	17.95	25.72	24.99	23.68	25.60	25.31	27.27	27.59	29.23	32.79	34.65	39.59	39.82	36.61	31.60	27.89
355683	-0.07	-0.17	-0.17	-0.18	-0.13	-0.19	-0.20	-0.19	-0.33	-0.47	-0.43	-0.39	-0.47	-0.39	-0.39	-0.36	-0.39	-0.40	-0.39	-0.40	-0.52	-0.44	-0.38	-0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	32.60	31.56	28.54	27.77	25.62	27.77	24.88	28.91	30.41	32.53	34.59	35.45	35.74	33.41	33.42	33.61	33.79	34.55	36.37	41.50	42.00	38.65	33.39	29.55
323833	0.29	0.52	0.52	0.51	0.40	0.53	0.51	0.45	0.77	1.13	1.07	1.01	1.07	1.00	1.11	1.09	1.19	1.36	1.33	1.52	1.65	1.59	1.41	1.33
	-25.59	-19.51	-16.59	-16.04	-16.11	-15.43	-12.61	-18.23	-11.36	-5.20	-8.10	-10.37	-8.60	-6.72	-4.65	-4.57	-2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	32.60	31.55	28.55	27.76	25.62	27.76	24.88	28.91	30.41	32.53	34.59	35.45	35.74	33.41	33.42	33.61	33.76	34.55	36.37	41.50	42.00	38.65	33.39	29.55
323834	0.28	0.51	0.52	0.49	0.40	0.52	0.51	0.44	0.77	1.13	1.07	1.01	1.07	1.00	1.11	1.09	1.15	1.36	1.33	1.52	1.65	1.59	1.41	1.33
	-25.59	-19.51	-16.59	-16.05	-16.11	-15.43	-12.61	-18.23	-11.36	-5.20	-8.10	-10.37	-8.60	-6.72	-4.65	-4.57	-2.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	32.82	31.65	28.60	27.82	25.71	27.81	24.91	29.02	30.27	32.19	34.33	35.24	35.50	33.18	33.11	33.33	33.41	34.05	35.84	40.86	41.31	37.95	32.84	29.21
23571	0.21	0.38	0.38	0.37	0.30	0.39	0.39	0.34	0.49	0.73	0.71	0.67	0.73	0.69	0.75	0.75	0.77	0.86	0.81	0.88	0.97	0.89	0.86	0.99
	-25.89	-19.74	-16.78	-16.23	-16.30	-15.61	-12.76	-18.44	-11.49	-5.26	-8.19	-10.49	-8.70	-6.79	-4.71	-4.63	-3.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	32.82 0.21 -25.89	31.65 0.38 -19.74	28.60 0.38 -16.78	27.82 0.37 -16.23	25.71 0.30 -16.30	27.81 0.39 -15.61	24.91 0.39 -12.76	29.02 0.34 -18.44	30.27 0.49 -11.49	32.19 0.73 -5.26	34.33 0.71 -8.19	35.24 0.67 -10.49	35.50 0.73 -8.70	33.18 0.69 -6.79	33.11 0.75 -4.71	33.33 0.75 -4.63	33.41 0.77 -3.02	34.05 0.86 0.00	35.84 0.81 0.00	40.86 0.88 0.00	41.31 0.97 0.00	37.95 0.89 0.00	32.84 0.86 0.00	29.21 0.99 0.00
ALBANY___3 23573	32.82 0.21 -25.89	31.65 0.38 -19.74	28.60 0.38 -16.78	27.82 0.37 -16.23	25.71 0.30 -16.30	27.81 0.39 -15.61	24.91 0.39 -12.76	29.02 0.34 -18.44	30.27 0.49 -11.49	32.19 0.73 -5.26	34.33 0.71 -8.19	35.24 0.67 -10.49	35.50 0.73 -8.70	33.18 0.69 -6.79	33.11 0.75 -4.71	33.33 0.75 -4.63	33.41 0.77 -3.02	34.05 0.86 0.00	35.84 0.81 0.00	40.86 0.88 0.00	41.31 0.97 0.00	37.95 0.89 0.00	32.84 0.86 0.00	29.21 0.99 0.00
ALBANY___4 23574	32.82 0.21 -25.89	31.65 0.38 -19.74	28.60 0.38 -16.78	27.82 0.37 -16.23	25.71 0.30 -16.30	27.81 0.39 -15.61	24.91 0.39 -12.76	29.02 0.34 -18.44	30.27 0.49 -11.49	32.19 0.73 -5.26	34.33 0.71 -8.19	35.24 0.67 -10.49	35.50 0.73 -8.70	33.18 0.69 -6.79	33.11 0.75 -4.71	33.33 0.75 -4.63	33.41 0.77 -3.02	34.05 0.86 0.00	35.84 0.81 0.00	40.86 0.88 0.00	41.31 0.97 0.00	37.95 0.89 0.00	32.84 0.86 0.00	29.21 0.99 0.00
ALBANY___LFGE 323615	33.08 0.26 -26.10	31.88 0.45 -19.90	28.80 0.45 -16.92	28.02 0.44 -16.36	25.90 0.36 -16.43	28.01 0.46 -15.74	25.08 0.46 -12.86	29.24 0.41 -18.59	30.53 0.66 -11.59	32.47 0.97 -5.31	34.65 0.97 -8.26	35.56 0.91 -10.58	35.81 0.97 -8.77	33.47 0.92 -6.85	33.43 1.02 -4.74	33.62 1.00 -4.66	33.70 1.04 -3.05	34.35 1.16 0.00	36.12 1.09 0.00	41.23 1.24 0.00	41.64 1.29 0.00	38.28 1.22 0.00	33.10 1.12 0.00	29.38 1.16 0.00
ALCOA_PA_115KV_PL-6C 55860	6.67 -0.05 0.00	11.37 -0.16 0.00	11.28 -0.16 0.00	11.05 -0.17 0.00	9.00 -0.12 0.00	11.63 -0.18 0.00	11.57 -0.19 0.00	10.04 -0.19 0.00	17.95 -0.33 0.00	25.75 -0.45 0.00	25.02 -0.41 0.00	23.68 -0.39 0.00	25.61 -0.47 0.00	25.31 -0.38 0.00	27.24 -0.41 0.00	27.59 -0.36 0.00	29.23 -0.39 0.00	32.79 -0.40 0.00	34.69 -0.35 0.00	39.66 -0.32 0.00	39.94 -0.40 0.00	36.76 -0.30 0.00	31.69 -0.29 0.00	27.94 -0.28 0.00
ALCOA_RYNLDS___DRP 24188	6.67 -0.05 0.00	11.37 -0.16 0.00	11.28 -0.16 0.00	11.05 -0.17 0.00	9.00 -0.12 0.00	11.63 -0.18 0.00	11.57 -0.19 0.00	10.04 -0.19 0.00	17.95 -0.33 0.00	25.75 -0.45 0.00	25.02 -0.41 0.00	23.68 -0.39 0.00	25.60 -0.47 0.00	25.31 -0.39 0.00	27.24 -0.41 0.00	27.56 -0.39 0.00	29.23 -0.39 0.00	32.79 -0.40 0.00	34.69 -0.35 0.00	39.67 -0.32 0.00	39.94 -0.40 0.00	36.76 -0.30 0.00	31.69 -0.29 0.00	27.97 -0.25 0.00
ALCOA___DSASP 323711	6.67 -0.05 0.00	11.37 -0.16 0.00	11.28 -0.16 0.00	11.05 -0.17 0.00	9.00 -0.12 0.00	11.63 -0.18 0.00	11.57 -0.19 0.00	10.04 -0.19 0.00	17.95 -0.33 0.00	25.75 -0.45 0.00	25.02 -0.41 0.00	23.68 -0.39 0.00	25.60 -0.47 0.00	25.31 -0.39 0.00	27.24 -0.41 0.00	27.56 -0.39 0.00	29.23 -0.39 0.00	32.79 -0.40 0.00	34.69 -0.35 0.00	39.67 -0.32 0.00	39.94 -0.40 0.00	36.76 -0.30 0.00	31.69 -0.29 0.00	27.97 -0.25 0.00
ALLEGHENY___COGEN 23514	19.60 -0.15 -13.03	23.85 -0.14 -12.46	22.77 -0.14 -11.47	22.23 -0.10 -11.11	11.51 -0.12 -2.51	21.99 -0.11 -10.29	21.09 -0.04 -9.37	24.17 -0.03 -13.97	34.58 -0.38 -16.68	45.02 -0.65 -19.47	44.27 -0.94 -19.79	35.95 -1.03 -12.92	43.02 -1.15 -18.09	29.50 -1.23 -5.04	29.85 -1.24 -3.44	30.18 -1.15 -3.38	31.07 -1.01 -2.46	32.59 -0.60 0.00	34.90 -0.14 0.00	40.39 0.40 0.00	41.31 0.97 0.00	37.84 0.78 0.00	32.94 0.96 0.00	28.79 0.56 0.00
ALTAMONT_115KV_TB 2 55880	32.79 0.23 -25.83	31.64 0.42 -19.70	28.60 0.41 -16.74	27.82 0.40 -16.20	25.69 0.32 -16.26	27.81 0.43 -15.58	24.92 0.42 -12.73	29.00 0.37 -18.40	30.39 0.64 -11.47	32.37 0.92 -5.25	34.46 0.86 -8.17	35.36 0.82 -10.47	35.64 0.89 -8.68	33.32 0.85 -6.78	33.27 0.91 -4.70	33.49 0.92 -4.62	33.61 0.98 -3.01	34.28 1.10 0.00	36.12 1.09 0.00	41.22 1.24 0.00	41.64 1.29 0.00	38.28 1.22 0.00	33.04 1.06 0.00	29.27 1.04 0.00
ALTONA_WT_PWR 323606	6.63 -0.09 0.00	11.30 -0.23 0.00	11.19 -0.25 0.00	10.96 -0.26 0.00	8.91 -0.20 0.00	11.53 -0.28 0.00	11.46 -0.31 0.00	9.94 -0.30 0.00	17.77 -0.51 0.00	25.49 -0.71 0.00	24.74 -0.69 0.00	23.44 -0.63 0.00	25.34 -0.73 0.00	25.03 -0.67 0.00	26.99 -0.66 0.00	27.36 -0.59 0.00	29.05 -0.56 0.00	32.59 -0.60 0.00	34.48 -0.56 0.00	39.43 -0.56 0.00	39.74 -0.60 0.00	36.54 -0.52 0.00	31.50 -0.48 0.00	27.80 -0.42 0.00
AMERICAN_REF_FUEL 24010	6.92 -0.81 -1.00	10.58 -0.97 -0.02	10.25 -0.95 0.24	10.06 -0.92 0.24	10.59 -0.84 -2.31	10.67 -1.03 0.11	10.43 -0.95 0.38	8.78 -0.79 0.67	13.83 -1.68 2.78	19.06 -2.41 4.72	18.76 -2.39 4.27	19.90 -2.33 1.83	19.84 -2.55 3.68	22.60 -2.88 0.22	24.45 -3.07 0.13	24.52 -3.30 0.13	25.84 -3.61 0.16	29.50 -3.68 0.00	30.94 -4.10 0.00	35.15 -4.84 0.00	35.95 -4.40 0.00	33.02 -4.04 0.00	29.29 -2.69 0.00	25.74 -2.48 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	7.21 -0.89 -1.38	10.39 -1.43 -0.29	10.01 -1.42 0.01	9.83 -1.37 0.02	10.57 -1.13 -2.58	10.46 -1.45 -0.10	10.19 -1.36 0.21	8.72 -1.09 0.43	14.08 -1.54 2.67	19.40 -2.02 4.78	19.27 -1.88 4.27	20.65 -1.69 1.74	20.72 -1.69 3.66	23.28 -2.29 0.12	25.21 -2.38 0.07	25.48 -2.40 0.07	27.27 -2.22 0.12	30.96 -2.22 0.00	32.62 -2.42 0.00	37.23 -2.76 0.00	38.09 -2.26 0.00	34.83 -2.22 0.00	30.61 -1.37 0.00	26.73 -1.50 0.00
ARTHUR KILL_GT_1 23520	29.93 0.56 -22.65	29.70 0.91 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.07 0.71 -14.25	26.35 0.89 -13.65	23.85 0.93 -11.15	27.16 0.80 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.63 1.96 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.81 2.62 0.00	37.56 2.52 0.00	42.78 2.80 0.00	43.25 2.90 0.00	39.72 2.67 0.00	34.15 2.17 0.00	30.46 2.23 -0.01
ARTHUR_KILL_2 23512	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.28 0.86 -14.19	24.06 0.69 -14.25	26.32 0.86 -13.65	23.81 0.89 -11.15	27.14 0.78 -16.13	29.74 1.41 -10.05	32.82 2.02 -4.60	34.44 1.85 -7.16	34.98 1.73 -9.17	35.58 1.90 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.12 2.12 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.61 2.55 0.00	34.06 2.08 0.00	30.24 2.00 -0.01
ARTHUR_KILL_3 23513	29.83 0.46 -22.64	29.53 0.75 -17.25	26.86 0.75 -14.67	26.15 0.74 -14.18	23.95 0.59 -14.24	26.22 0.77 -13.64	23.75 0.84 -11.15	27.09 0.74 -16.12	29.70 1.37 -10.04	32.70 1.91 -4.60	34.41 1.83 -7.16	34.97 1.73 -9.17	35.57 1.90 -7.60	33.53 1.90 -5.93	33.78 2.02 -4.11	34.03 2.04 -4.04	34.41 2.16 -2.63	35.57 2.39 0.01	37.34 2.31 0.01	42.50 2.52 0.01	42.96 2.62 0.01	39.38 2.34 0.01	33.86 1.89 0.01	29.95 1.72 0.00

ARTHUR_KILL_COGEN 323718	29.93 0.56 -22.65	29.70 0.91 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.07 0.71 -14.25	26.35 0.89 -13.65	23.85 0.93 -11.15	27.16 0.80 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.63 1.96 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.81 2.62 0.00	37.56 2.52 0.00	42.78 2.80 0.00	43.25 2.91 0.00	39.73 2.67 0.00	34.16 2.18 0.00	30.29 2.06 -0.01
ASHOKAN____ 23654	31.32 0.16 -24.44	30.44 0.28 -18.63	27.56 0.27 -15.84	26.80 0.26 -15.32	24.72 0.23 -15.38	26.86 0.32 -14.74	24.13 0.33 -12.04	27.94 0.30 -17.41	29.70 0.57 -10.85	31.95 0.79 -4.97	33.84 0.69 -7.73	34.60 0.62 -9.90	34.80 0.52 -8.21	32.60 0.49 -6.41	32.57 0.47 -4.44	32.85 0.53 -4.37	33.03 0.56 -2.85	34.68 1.49 0.00	36.62 1.58 0.00	41.90 1.92 0.00	42.52 2.18 0.00	39.39 2.34 0.00	33.93 1.95 0.00	30.00 1.78 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.93 0.56 -22.65	29.71 0.91 -17.27	27.04 0.92 -14.68	26.32 0.90 -14.20	24.09 0.72 -14.26	26.35 0.89 -13.65	23.79 0.87 -11.15	27.10 0.75 -16.12	29.73 1.41 -10.04	32.73 1.94 -4.60	34.33 1.75 -7.16	34.87 1.64 -9.17	35.47 1.80 -7.60	33.48 1.85 -5.93	33.73 1.96 -4.11	33.94 1.96 -4.04	34.32 2.07 -2.63	35.47 2.29 0.01	37.20 2.17 0.01	42.34 2.36 0.01	42.84 2.50 0.01	39.23 2.19 0.01	33.73 1.76 0.01	30.40 2.17 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.93 0.56 -22.65	29.72 0.92 -17.27	27.04 0.92 -14.68	26.32 0.90 -14.20	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.10 0.75 -16.12	29.73 1.41 -10.04	32.73 1.94 -4.60	34.33 1.75 -7.16	34.87 1.64 -9.17	35.47 1.80 -7.60	33.48 1.85 -5.93	33.73 1.96 -4.11	33.94 1.96 -4.04	34.32 2.07 -2.63	35.47 2.29 0.01	37.20 2.17 0.01	42.34 2.36 0.01	42.84 2.50 0.01	39.23 2.19 0.01	33.73 1.76 0.01	30.40 2.17 0.00
ASTORIA_GT2_1 24094	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT2_2 24095	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT2_3 24096	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT2_4 24097	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT3_1 24098	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT3_2 24099	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT3_3 24100	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT3_4 24101	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT4_1 24102	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT4_2 24103	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT4_3 24104	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00

ASTORIA_GT4_4 24105	29.93 0.56 -22.65	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.11 0.75 -16.13	29.74 1.41 -10.05	32.74 1.94 -4.60	34.34 1.75 -7.16	34.88 1.64 -9.17	35.50 1.83 -7.60	33.49 1.85 -5.94	33.74 1.96 -4.12	33.95 1.96 -4.04	34.36 2.10 -2.64	35.51 2.32 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.24 2.19 0.00	33.77 1.79 0.00	30.54 2.31 0.00
ASTORIA_GT_1 23523	29.94 0.56 -22.65	29.72 0.93 -17.26	27.05 0.94 -14.67	26.33 0.92 -14.19	24.11 0.74 -14.26	26.37 0.91 -13.65	23.81 0.89 -11.15	27.13 0.77 -16.13	29.78 1.44 -10.05	32.79 1.99 -4.60	34.39 1.81 -7.16	34.93 1.68 -9.17	35.53 1.85 -7.60	33.54 1.90 -5.94	33.79 2.02 -4.12	34.01 2.01 -4.04	34.39 2.13 -2.64	35.58 2.39 0.00	37.28 2.24 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.32 2.26 0.00	33.80 1.82 0.00	30.60 2.37 0.00
ASTORIA_GT_10 24110	29.90 0.53 -22.64	29.65 0.86 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.31 0.85 -13.65	23.80 0.88 -11.15	27.13 0.77 -16.13	29.74 1.41 -10.05	32.79 1.99 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.63 1.96 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.09 2.10 -4.04	34.48 2.22 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.54 2.56 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.96 1.98 0.00	30.37 2.15 0.00
ASTORIA_GT_11 24225	29.90 0.53 -22.64	29.65 0.86 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.31 0.85 -13.65	23.80 0.88 -11.15	27.13 0.77 -16.13	29.74 1.41 -10.05	32.79 1.99 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.63 1.96 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.09 2.10 -4.04	34.48 2.22 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.54 2.56 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.96 1.98 0.00	30.37 2.15 0.00
ASTORIA_GT_12 24226	29.90 0.53 -22.64	29.65 0.86 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.31 0.85 -13.65	23.80 0.88 -11.15	27.13 0.77 -16.13	29.74 1.41 -10.05	32.79 1.99 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.63 1.96 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.09 2.10 -4.04	34.48 2.22 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.54 2.56 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.96 1.98 0.00	30.37 2.15 0.00
ASTORIA_GT_13 24227	29.90 0.53 -22.64	29.65 0.86 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.31 0.85 -13.65	23.80 0.88 -11.15	27.13 0.77 -16.13	29.74 1.41 -10.05	32.79 1.99 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.63 1.96 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.09 2.10 -4.04	34.48 2.22 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.54 2.56 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.96 1.98 0.00	30.37 2.15 0.00
ASTORIA_GT_5 24106	29.94 0.56 -22.65	29.72 0.93 -17.26	27.05 0.94 -14.67	26.33 0.92 -14.19	24.11 0.74 -14.26	26.37 0.91 -13.65	23.81 0.89 -11.15	27.13 0.77 -16.13	29.78 1.44 -10.05	32.79 1.99 -4.60	34.39 1.81 -7.16	34.93 1.68 -9.17	35.53 1.85 -7.60	33.54 1.90 -5.94	33.79 2.02 -4.12	34.01 2.01 -4.04	34.39 2.13 -2.64	35.58 2.39 0.00	37.28 2.24 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.32 2.26 0.00	33.80 1.82 0.00	30.60 2.37 0.00
ASTORIA_GT_7 24107	29.94 0.56 -22.65	29.72 0.93 -17.26	27.05 0.94 -14.67	26.33 0.92 -14.19	24.11 0.74 -14.26	26.37 0.91 -13.65	23.81 0.89 -11.15	27.13 0.77 -16.13	29.78 1.44 -10.05	32.79 1.99 -4.60	34.39 1.81 -7.16	34.93 1.68 -9.17	35.53 1.85 -7.60	33.54 1.90 -5.94	33.79 2.02 -4.12	34.01 2.01 -4.04	34.39 2.13 -2.64	35.58 2.39 0.00	37.28 2.24 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.32 2.26 0.00	33.80 1.82 0.00	30.60 2.37 0.00
ASTORIA_GT_8 24108	29.94 0.56 -22.65	29.72 0.93 -17.26	27.05 0.94 -14.67	26.33 0.92 -14.19	24.11 0.74 -14.26	26.37 0.91 -13.65	23.81 0.89 -11.15	27.13 0.77 -16.13	29.78 1.44 -10.05	32.79 1.99 -4.60	34.39 1.81 -7.16	34.93 1.68 -9.17	35.53 1.85 -7.60	33.54 1.90 -5.94	33.79 2.02 -4.12	34.01 2.01 -4.04	34.39 2.13 -2.64	35.58 2.39 0.00	37.28 2.24 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.32 2.26 0.00	33.80 1.82 0.00	30.60 2.37 0.00
ASTORIA___2 24149	29.93 0.56 -22.65	29.72 0.92 -17.27	27.04 0.92 -14.68	26.32 0.90 -14.20	24.10 0.73 -14.26	26.35 0.89 -13.65	23.80 0.88 -11.15	27.10 0.75 -16.12	29.73 1.41 -10.04	32.73 1.94 -4.60	34.33 1.75 -7.16	34.87 1.64 -9.17	35.49 1.82 -7.60	33.48 1.85 -5.93	33.73 1.96 -4.11	33.94 1.96 -4.04	34.35 2.10 -2.63	35.50 2.32 0.01	37.20 2.17 0.01	42.38 2.40 0.01	42.84 2.50 0.01	39.23 2.19 0.01	33.73 1.76 0.01	30.40 2.17 0.00
ASTORIA___3 23516	29.90 0.53 -22.64	29.65 0.87 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.31 0.85 -13.65	23.80 0.88 -11.15	27.13 0.77 -16.13	29.74 1.41 -10.05	32.82 2.02 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.61 1.93 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.09 2.10 -4.04	34.48 2.22 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.54 2.56 0.01	43.00 2.66 0.01	39.46 2.41 0.00	33.93 1.95 0.00	30.23 2.00 0.00
ASTORIA___4 23517	29.90 0.53 -22.64	29.65 0.86 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.31 0.85 -13.65	23.80 0.88 -11.15	27.13 0.77 -16.13	29.74 1.41 -10.05	32.79 1.99 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.63 1.96 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.09 2.10 -4.04	34.48 2.22 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.54 2.56 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.96 1.98 0.00	30.37 2.15 0.00
ASTORIA___5 23518	29.90 0.53 -22.64	29.65 0.87 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.31 0.85 -13.65	23.80 0.88 -11.15	27.12 0.76 -16.13	29.74 1.41 -10.05	32.79 1.99 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.61 1.93 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.09 2.10 -4.04	34.48 2.22 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.54 2.56 0.01	43.00 2.66 0.01	39.46 2.41 0.00	33.93 1.95 0.00	30.23 2.00 0.00
AST_ENERGY_2_CC3 323677	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.76 1.43 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.00 2.02 0.00	30.09 1.86 0.00
AST_ENERGY_2_CC4 323678	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.76 1.43 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.00 2.02 0.00	30.09 1.86 0.00

ATHENS_STG_1 23668	30.84 0.30 -23.81	30.21 0.53 -18.16	27.40 0.53 -15.44	26.67 0.52 -14.93	24.52 0.42 -14.99	26.71 0.54 -14.36	24.05 0.55 -11.73	27.69 0.49 -16.96	29.73 0.88 -10.57	32.30 1.26 -4.84	34.18 1.22 -7.54	34.87 1.16 -9.65	35.32 1.25 -8.00	33.18 1.23 -6.25	33.29 1.30 -4.33	33.52 1.31 -4.25	33.79 1.39 -2.78	34.75 1.56 0.00	36.54 1.51 0.00	41.66 1.68 0.00	42.12 1.77 0.00	38.68 1.63 0.00	33.32 1.34 0.00	29.44 1.21 0.00
ATHENS_STG_2 23670	30.84 0.30 -23.81	30.21 0.53 -18.16	27.40 0.53 -15.44	26.67 0.52 -14.93	24.52 0.42 -14.99	26.71 0.54 -14.36	24.05 0.55 -11.73	27.69 0.49 -16.96	29.73 0.88 -10.57	32.30 1.26 -4.84	34.18 1.22 -7.54	34.87 1.16 -9.65	35.32 1.25 -8.00	33.18 1.23 -6.25	33.29 1.30 -4.33	33.52 1.31 -4.25	33.79 1.39 -2.78	34.75 1.56 0.00	36.54 1.51 0.00	41.66 1.68 0.00	42.12 1.77 0.00	38.68 1.63 0.00	33.32 1.34 0.00	29.44 1.21 0.00
ATHENS_STG_3 23677	30.84 0.30 -23.81	30.21 0.53 -18.16	27.40 0.53 -15.44	26.67 0.52 -14.93	24.52 0.42 -14.99	26.71 0.54 -14.36	24.05 0.55 -11.73	27.69 0.49 -16.96	29.73 0.88 -10.57	32.30 1.26 -4.84	34.18 1.22 -7.54	34.87 1.16 -9.65	35.32 1.25 -8.00	33.18 1.23 -6.25	33.29 1.30 -4.33	33.52 1.31 -4.25	33.79 1.39 -2.78	34.75 1.56 0.00	36.54 1.51 0.00	41.66 1.68 0.00	42.12 1.77 0.00	38.68 1.63 0.00	33.32 1.34 0.00	29.44 1.21 0.00
AUBURN____LFGE 323710	9.84 0.00 -3.12	13.94 0.03 -2.38	13.50 0.03 -2.02	13.21 0.03 -1.96	11.10 0.02 -1.96	13.75 0.06 -1.88	13.37 0.07 -1.54	12.53 0.07 -2.22	19.74 0.07 -1.39	26.96 0.13 -0.63	26.49 0.08 -0.99	25.38 0.05 -1.26	27.20 0.08 -1.05	26.52 0.00 -0.82	28.20 -0.03 -0.57	28.48 -0.03 -0.56	29.98 0.00 -0.36	33.25 0.07 0.00	35.18 0.14 0.00	40.23 0.24 0.00	40.75 0.40 0.00	37.39 0.33 0.00	32.27 0.29 0.00	28.34 0.11 0.00
BABYLON_RES_REC 323704	30.06 0.69 -22.65	29.84 1.05 -17.26	27.04 0.93 -14.68	26.31 0.90 -14.19	24.12 0.76 -14.25	26.37 0.91 -13.65	23.95 1.04 -11.16	27.26 0.90 -16.13	30.09 1.76 -10.05	33.34 2.54 -4.60	40.39 2.59 -12.37	42.64 2.41 -16.16	42.73 2.63 -14.02	43.42 2.57 -15.16	42.79 2.77 -12.36	43.47 2.82 -12.69	47.20 3.05 -14.53	47.22 3.42 -10.62	47.51 3.44 -9.04	48.34 3.84 -4.52	48.08 3.96 -3.77	43.71 3.59 -3.06	35.06 3.07 -0.01	30.68 2.45 0.00
BALL_HILL_WT_PWR 323825	6.60 -0.71 -0.58	9.96 -1.06 0.51	9.63 -1.05 0.76	9.45 -1.02 0.75	10.77 -0.86 -2.52	10.15 -1.10 0.57	9.89 -1.05 0.83	8.04 -0.84 1.36	13.20 -1.22 3.86	18.29 -1.68 6.23	18.07 -1.63 5.73	19.86 -1.56 2.65	19.45 -1.64 4.98	22.98 -2.26 0.46	24.93 -2.43 0.30	25.14 -2.52 0.29	26.90 -2.43 0.29	30.66 -2.52 0.00	32.30 -2.73 0.00	36.83 -3.16 0.00	37.60 -2.74 0.00	34.50 -2.56 0.00	30.38 -1.60 0.00	26.62 -1.61 0.00
BARON_WINDS____WT_PWR 323822	-4.37 -0.46 10.63	-1.65 -0.71 12.46	-1.36 -0.70 12.10	-1.20 -0.68 11.74	11.67 -0.57 -3.12	0.52 -0.69 10.60	0.82 -0.62 10.32	-5.93 -0.51 15.66	-6.00 -0.77 23.52	-6.00 -1.02 31.17	-6.00 -1.04 30.38	5.56 -1.03 17.48	-2.19 -1.04 27.22	18.62 -1.49 5.58	22.34 -1.55 3.77	22.73 -1.51 3.71	25.42 -1.33 2.86	31.92 -1.26 0.00	33.85 -1.19 0.00	38.79 -1.20 0.00	39.50 -0.85 0.00	36.21 -0.85 0.00	31.63 -0.35 0.00	27.74 -0.48 0.00
BARRETT_IC_1 23704	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT_IC_10 23701	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT_IC_11 23702	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT_IC_12 23703	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT_IC_2 23705	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT_IC_3 23706	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT_IC_4 23707	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT_IC_5 23708	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00

BARRETT_IC_6 23709	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT_IC_7 23710	29.97 0.61 -22.64	29.70 0.91 -17.26	26.95 0.84 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.42 2.19 -16.16	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.08 -3.06	34.60 2.62 0.00	30.51 2.29 0.00
BARRETT_IC_8 23711	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT_IC_9 23700	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT___1 23545	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BARRETT___2 23546	29.98 0.61 -22.65	29.72 0.93 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.05 0.68 -14.25	26.29 0.83 -13.65	23.86 0.94 -11.16	27.18 0.82 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.43 2.19 -16.17	42.49 2.40 -14.02	43.19 2.34 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.70 3.20 -4.52	47.47 3.35 -3.77	43.19 3.07 -3.06	34.61 2.62 -0.01	30.37 2.14 0.00
BATAVIA___115KV_TB1 55881	7.73 -0.50 -1.50	11.57 -0.58 -0.62	11.22 -0.56 -0.34	11.02 -0.53 -0.33	10.75 -0.49 -2.13	11.62 -0.59 -0.40	11.36 -0.53 -0.13	9.91 -0.42 -0.09	15.62 -1.06 1.60	21.53 -1.49 3.18	21.08 -1.58 2.77	21.53 -1.56 0.97	22.07 -1.67 2.34	23.93 -1.82 -0.06	25.75 -1.96 -0.05	25.91 -2.10 -0.05	27.34 -2.25 0.02	31.10 -2.09 0.00	32.76 -2.28 0.00	37.39 -2.60 0.00	38.21 -2.14 0.00	35.06 -2.00 0.00	30.86 -1.12 0.00	26.56 -1.67 0.00
BAYONEEC___CTG1 323682	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00
BAYONEEC___CTG10 323750	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00
BAYONEEC___CTG2 323683	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00
BAYONEEC___CTG3 323684	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00
BAYONEEC___CTG4 323685	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00
BAYONEEC___CTG5 323686	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00
BAYONEEC___CTG6 323687	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00
BAYONEEC___CTG7 323688	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00

BAYONEEC___CTG8 323689	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00
BAYONEEC___CTG9 323749	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00
BAYPORT_69_KV_BK 2 356364	30.15 0.79 -22.64	29.95 1.16 -17.26	27.17 1.05 -14.68	26.43 1.01 -14.19	24.22 0.86 -14.25	26.49 1.03 -13.65	24.08 1.16 -11.16	27.38 1.01 -16.13	30.31 1.97 -10.05	33.68 2.88 -4.60	40.77 2.97 -12.37	42.93 2.70 -16.16	43.07 2.97 -14.02	43.76 2.90 -15.16	43.17 3.15 -12.36	43.83 3.19 -12.69	47.61 3.47 -14.53	47.69 3.88 -10.62	48.03 3.96 -9.04	48.98 4.48 -4.52	48.68 4.56 -3.77	44.23 4.11 -3.06	35.50 3.52 0.00	31.16 2.94 0.00
BEACON___LESR 323632	32.90 0.29 -25.88	31.77 0.51 -19.73	28.72 0.50 -16.78	27.94 0.49 -16.23	25.80 0.39 -16.29	27.93 0.52 -15.61	25.03 0.52 -12.75	29.13 0.46 -18.44	30.54 0.77 -11.49	32.58 1.13 -5.26	34.73 1.12 -8.19	35.62 1.06 -10.49	35.89 1.12 -8.69	33.54 1.05 -6.79	33.53 1.16 -4.71	33.72 1.15 -4.62	33.85 1.21 -3.02	34.55 1.36 0.00	36.33 1.30 0.00	41.47 1.48 0.00	41.88 1.53 0.00	38.50 1.44 0.00	33.29 1.31 0.00	29.52 1.30 0.00
BEAVER RIVER___HYD 24048	7.64 -0.13 -1.05	12.03 -0.30 -0.80	11.82 -0.30 -0.68	11.57 -0.30 -0.66	9.55 -0.23 -0.66	12.13 -0.31 -0.63	11.96 -0.32 -0.52	10.71 -0.27 -0.75	18.18 -0.57 -0.46	25.49 -0.92 -0.21	24.86 -0.89 -0.33	23.63 -0.87 -0.42	25.51 -0.91 -0.35	24.92 -1.05 -0.27	26.69 -1.16 -0.19	26.97 -1.17 -0.19	28.61 -1.13 -0.12	32.09 -1.09 0.00	35.00 -0.04 0.00	40.19 0.20 0.00	40.79 0.44 0.00	37.54 0.48 0.00	32.23 0.25 0.00	28.37 0.14 0.00
BEEBEE_GT_13 23619	9.36 -0.24 -2.87	13.43 -0.29 -2.19	13.03 -0.27 -1.86	12.76 -0.26 -1.80	10.69 -0.23 -1.81	13.26 -0.28 -1.73	12.93 -0.25 -1.41	12.10 -0.18 -2.04	18.88 -0.68 -1.27	25.89 -0.89 -0.59	25.42 -0.92 -0.91	24.34 -0.89 -1.16	26.13 -0.91 -0.97	25.78 -0.67 -0.75	27.49 -0.69 -0.52	27.68 -0.78 -0.51	29.00 -0.95 -0.33	32.32 -0.86 0.00	34.06 -0.98 0.00	38.83 -1.16 0.00	39.50 -0.85 0.00	36.24 -0.82 0.00	31.56 -0.42 0.00	27.43 0.00 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.93 0.56 -22.65	29.71 0.92 -17.26	27.04 0.93 -14.67	26.31 0.90 -14.19	24.08 0.72 -14.25	26.37 0.91 -13.65	23.86 0.94 -11.15	27.18 0.82 -16.13	29.85 1.52 -10.05	32.95 2.15 -4.60	34.62 2.03 -7.16	35.15 1.90 -9.17	35.76 2.09 -7.60	33.77 2.13 -5.94	34.04 2.27 -4.12	34.29 2.29 -4.04	34.69 2.43 -2.64	35.91 2.72 0.00	37.67 2.63 0.00	42.86 2.88 0.00	43.33 2.99 0.00	39.80 2.74 0.00	34.22 2.24 0.00	30.52 2.29 -0.01
BETHLEHEM___GRP 23843	32.82 0.21 -25.89	31.65 0.38 -19.74	28.60 0.38 -16.78	27.82 0.37 -16.23	25.71 0.30 -16.30	27.81 0.39 -15.61	24.91 0.39 -12.76	29.02 0.34 -18.44	30.27 0.49 -11.49	32.19 0.73 -5.26	34.33 0.71 -8.19	35.24 0.67 -10.49	35.50 0.73 -8.70	33.18 0.69 -6.79	33.11 0.75 -4.71	33.33 0.75 -4.63	33.41 0.77 -3.02	34.05 0.86 0.00	35.84 0.81 0.00	40.86 0.88 0.00	41.31 0.97 0.00	37.95 0.89 0.00	32.84 0.86 0.00	29.21 0.99 0.00
BETHLEHEM___GS1 323560	32.82 0.21 -25.89	31.65 0.38 -19.74	28.60 0.38 -16.78	27.82 0.37 -16.23	25.71 0.30 -16.30	27.81 0.39 -15.61	24.91 0.39 -12.76	29.01 0.34 -18.44	30.27 0.49 -11.49	32.19 0.73 -5.26	34.33 0.71 -8.19	35.23 0.67 -10.49	35.50 0.73 -8.70	33.18 0.69 -6.79	33.11 0.75 -4.71	33.33 0.75 -4.63	33.41 0.77 -3.02	34.05 0.86 0.00	35.84 0.81 0.00	40.86 0.88 0.00	41.31 0.97 0.00	37.94 0.89 0.00	32.84 0.86 0.00	29.18 0.96 0.00
BETHLEHEM___GS2 323561	32.82 0.21 -25.89	31.65 0.38 -19.74	28.60 0.38 -16.78	27.82 0.37 -16.23	25.71 0.30 -16.30	27.81 0.39 -15.61	24.91 0.39 -12.76	29.01 0.34 -18.44	30.27 0.49 -11.49	32.19 0.73 -5.26	34.33 0.71 -8.19	35.23 0.67 -10.49	35.50 0.73 -8.70	33.18 0.69 -6.79	33.11 0.75 -4.71	33.33 0.75 -4.63	33.41 0.77 -3.02	34.05 0.86 0.00	35.84 0.81 0.00	40.86 0.88 0.00	41.31 0.97 0.00	37.94 0.89 0.00	32.84 0.86 0.00	29.18 0.96 0.00
BETHLEHEM___GS3 323562	32.82 0.21 -25.89	31.65 0.38 -19.74	28.60 0.38 -16.78	27.82 0.37 -16.23	25.71 0.30 -16.30	27.81 0.39 -15.61	24.91 0.39 -12.76	29.01 0.34 -18.44	30.27 0.49 -11.49	32.19 0.73 -5.26	34.33 0.71 -8.19	35.23 0.67 -10.49	35.50 0.73 -8.70	33.18 0.69 -6.79	33.11 0.75 -4.71	33.33 0.75 -4.63	33.41 0.77 -3.02	34.05 0.86 0.00	35.84 0.81 0.00	40.86 0.88 0.00	41.31 0.97 0.00	37.94 0.89 0.00	32.84 0.86 0.00	29.18 0.96 0.00
BETHLEHEM___STEEL 23779	6.62 -0.71 -0.60	10.01 -1.05 0.47	9.68 -1.04 0.72	9.50 -1.01 0.71	10.74 -0.85 -2.47	10.19 -1.09 0.53	9.94 -1.04 0.79	8.10 -0.84 1.30	13.27 -1.26 3.75	18.38 -1.76 6.07	18.12 -1.73 5.57	19.84 -1.66 2.57	19.48 -1.75 4.84	22.89 -2.36 0.44	24.80 -2.57 0.28	24.96 -2.71 0.28	26.70 -2.64 0.28	30.46 -2.72 0.00	32.02 -3.01 0.00	36.51 -3.48 0.00	37.32 -3.03 0.00	34.24 -2.82 0.00	30.22 -1.76 0.00	26.02 -2.20 0.00
BETHLHEM_115KV_TB1 79974	32.81 0.22 -25.87	31.63 0.38 -19.72	28.60 0.39 -16.77	27.82 0.38 -16.22	25.69 0.30 -16.28	27.80 0.39 -15.60	24.90 0.39 -12.75	29.01 0.35 -18.43	30.30 0.53 -11.48	32.22 0.76 -5.26	34.37 0.76 -8.18	35.27 0.72 -10.48	35.52 0.76 -8.69	33.23 0.75 -6.79	33.16 0.80 -4.70	33.36 0.78 -4.62	33.46 0.83 -3.02	34.12 0.93 0.00	35.88 0.84 0.00	40.94 0.96 0.00	41.35 1.01 0.00	38.02 0.96 0.00	32.88 0.90 0.00	29.24 1.02 0.00
BETHPAGE_CC_5 323564	30.04 0.67 -22.65	29.82 1.03 -17.26	27.03 0.92 -14.68	26.30 0.89 -14.19	24.11 0.75 -14.25	26.37 0.91 -13.65	23.94 1.02 -11.16	27.26 0.90 -16.13	30.07 1.74 -10.05	33.34 2.54 -4.60	40.39 2.59 -12.37	42.66 2.43 -16.16	42.75 2.66 -14.02	43.45 2.59 -15.16	42.81 2.79 -12.36	43.47 2.82 -12.69	47.17 3.02 -14.53	47.16 3.35 -10.62	47.40 3.33 -9.04	48.22 3.72 -4.52	47.99 3.87 -3.77	43.60 3.48 -3.06	34.96 2.97 -0.01	30.62 2.40 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	6.79 -0.73 -0.80	10.14 -1.11 0.28	9.81 -1.09 0.55	9.63 -1.05 0.53	10.72 -0.89 -2.50	10.30 -1.13 0.37	10.04 -1.08 0.64	8.28 -0.87 1.08	13.64 -1.17 3.48	18.83 -1.62 5.74	18.58 -1.60 5.25	20.17 -1.54 2.36	19.91 -1.62 4.55	22.92 -2.42 0.36	24.80 -2.63 0.23	24.96 -2.77 0.23	26.80 -2.58 0.24	30.46 -2.72 0.00	32.06 -2.98 0.00	36.51 -3.48 0.00	37.32 -3.03 0.00	34.24 -2.82 0.00	30.22 -1.76 0.00	26.02 -2.20 0.00

BINGHAMTON___COGEN 23790	14.89 0.03 -8.14	17.82 0.09 -6.20	16.81 0.09 -5.27	16.42 0.10 -5.10	14.31 0.07 -5.12	16.82 0.11 -4.91	15.89 0.12 -4.01	16.14 0.11 -5.80	22.15 0.26 -3.61	28.24 0.39 -1.65	28.35 0.36 -2.58	27.68 0.31 -3.30	29.17 0.37 -2.73	27.99 0.15 -2.14	29.28 0.14 -1.48	29.55 0.14 -1.45	30.80 0.24 -0.95	33.45 0.27 0.00	35.32 0.28 0.00	40.31 0.32 0.00	40.83 0.48 0.00	37.46 0.41 0.00	32.40 0.42 0.00	28.48 0.25 0.00
BIXINCNT_115KV_LOAD 355685	7.54 -1.02 -1.83	10.66 -1.60 -0.74	10.24 -1.60 -0.40	10.04 -1.56 -0.38	10.46 -1.29 -2.63	10.70 -1.58 -0.47	10.36 -1.54 -0.14	9.07 -1.25 -0.09	14.90 -1.37 2.01	20.41 -1.81 3.98	20.22 -1.73 3.48	21.22 -1.61 1.24	21.47 -1.67 2.94	22.90 -2.85 -0.06	24.67 -3.04 -0.06	24.93 -3.07 -0.05	27.01 -2.58 0.03	30.40 -2.79 0.00	32.09 -2.94 0.00	36.67 -3.32 0.00	37.52 -2.82 0.00	34.39 -2.67 0.00	30.29 -1.69 0.00	26.11 -2.12 0.00
BLACK RIVER___HYD 24047	8.10 0.00 -1.37	12.51 -0.07 -1.05	12.27 -0.06 -0.89	12.01 -0.07 -0.86	9.93 -0.05 -0.86	12.59 -0.05 -0.83	12.37 -0.07 -0.68	11.17 -0.04 -0.98	18.69 -0.20 -0.61	26.06 -0.42 -0.28	25.42 -0.43 -0.43	24.22 -0.41 -0.56	26.17 -0.37 -0.46	25.44 -0.62 -0.36	27.22 -0.69 -0.25	27.47 -0.73 -0.25	29.18 -0.59 -0.16	32.65 -0.53 0.00	35.28 0.25 0.00	40.59 0.60 0.00	41.31 0.97 0.00	37.98 0.93 0.00	32.52 0.54 0.00	28.59 0.37 0.00
BLACKRVR_115KV_TB2 79977	8.10 0.00 -1.37	12.50 -0.07 -1.05	12.27 -0.06 -0.89	12.01 -0.07 -0.86	9.93 -0.05 -0.86	12.59 -0.05 -0.83	12.37 -0.07 -0.68	11.17 -0.04 -0.98	18.69 -0.20 -0.61	26.06 -0.42 -0.28	25.42 -0.43 -0.43	24.22 -0.41 -0.56	26.17 -0.37 -0.46	25.44 -0.62 -0.36	27.22 -0.69 -0.25	27.47 -0.73 -0.25	29.18 -0.59 -0.16	32.66 -0.53 0.00	35.28 0.25 0.00	40.58 0.60 0.00	41.31 0.97 0.00	37.98 0.93 0.00	32.52 0.54 0.00	28.56 0.34 0.00
BLISS_WT_PWR 323608	7.46 -1.09 -1.83	10.53 -1.74 -0.74	10.10 -1.74 -0.40	9.91 -1.69 -0.38	10.36 -1.39 -2.63	10.58 -1.70 -0.47	10.24 -1.66 -0.14	8.97 -1.35 -0.09	14.75 -1.52 2.01	20.22 -1.99 3.98	20.07 -1.88 3.48	21.05 -1.78 1.24	21.29 -1.85 2.94	22.75 -3.01 -0.06	24.59 -3.13 -0.06	24.85 -3.16 -0.05	26.92 -2.67 0.03	30.33 -2.85 0.00	32.06 -2.98 0.00	36.63 -3.36 0.00	37.48 -2.86 0.00	34.39 -2.67 0.00	30.28 -1.70 0.00	26.50 -1.72 0.00
BLUESTONE___WT_PWR 323821	18.53 0.32 -11.49	20.83 0.54 -8.76	19.44 0.55 -7.45	18.97 0.55 -7.20	16.78 0.44 -7.23	19.33 0.59 -6.93	17.74 0.32 -5.66	18.73 0.31 -8.18	23.95 0.57 -5.10	29.32 0.79 -2.34	29.87 0.81 -3.64	29.54 0.82 -4.66	30.85 0.91 -3.86	29.46 0.75 -3.01	30.66 0.91 -2.09	30.96 0.95 -2.05	32.14 1.19 -1.34	34.51 1.33 0.00	36.40 1.37 0.00	41.66 1.68 0.00	42.28 1.94 0.00	38.87 1.82 0.00	33.42 1.44 0.00	29.50 1.27 0.00
BLUE_CIRC_CHEM_DRP 24182	32.60 0.26 -25.62	31.52 0.46 -19.54	28.51 0.46 -16.61	27.73 0.45 -16.06	25.60 0.36 -16.13	27.73 0.47 -15.45	24.85 0.46 -12.62	28.88 0.40 -18.25	30.35 0.69 -11.37	32.40 1.00 -5.21	34.50 0.97 -8.11	35.37 0.91 -10.38	35.67 0.99 -8.61	33.34 0.93 -6.72	33.31 1.00 -4.66	33.54 1.01 -4.58	33.67 1.07 -2.99	34.41 1.23 0.00	36.23 1.19 0.00	41.30 1.32 0.00	41.80 1.45 0.00	38.43 1.37 0.00	33.20 1.22 0.00	29.44 1.21 0.00
BOC_GAS_DRP 24189	32.68 0.22 -25.74	31.55 0.39 -19.63	28.51 0.39 -16.68	27.74 0.38 -16.14	25.62 0.31 -16.20	27.73 0.40 -15.52	24.85 0.40 -12.68	28.92 0.35 -18.34	30.31 0.60 -11.43	32.29 0.86 -5.23	34.41 0.84 -8.15	35.29 0.79 -10.43	35.58 0.86 -8.65	33.27 0.82 -6.75	33.22 0.89 -4.68	33.45 0.89 -4.60	33.54 0.92 -3.00	34.21 1.03 0.00	36.02 0.98 0.00	41.10 1.12 0.00	41.52 1.17 0.00	38.17 1.11 0.00	32.97 0.99 0.00	29.21 0.99 0.00
BOONVILLE_115KV_TB1 79983	7.76 0.01 -1.03	12.30 -0.01 -0.78	12.09 -0.01 -0.67	11.85 -0.01 -0.64	9.76 0.00 -0.65	12.43 0.00 -0.62	12.27 0.00 -0.51	10.99 0.02 -0.73	18.70 -0.04 -0.46	26.30 -0.10 -0.21	25.67 -0.08 -0.32	24.44 -0.05 -0.42	26.39 -0.03 -0.34	25.81 -0.15 -0.27	27.68 -0.17 -0.19	27.91 -0.22 -0.18	29.59 -0.15 -0.12	33.09 -0.10 0.00	35.63 0.60 0.00	40.82 0.84 0.00	41.39 1.05 0.00	38.06 1.00 0.00	32.68 0.70 0.00	28.79 0.56 0.00
BORALEX_4TH_BRANCH 23824	33.03 0.41 -25.90	31.99 0.71 -19.75	28.94 0.71 -16.79	28.15 0.70 -16.24	25.98 0.57 -16.30	28.16 0.73 -15.62	25.27 0.74 -12.76	29.34 0.66 -18.45	30.97 1.19 -11.50	33.19 1.73 -5.27	35.30 1.68 -8.20	36.13 1.56 -10.49	36.47 1.69 -8.70	34.11 1.62 -6.80	34.11 1.74 -4.71	34.34 1.76 -4.63	34.50 1.87 -3.02	35.31 2.12 0.00	37.21 2.17 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.39 2.33 0.00	34.06 2.08 0.00	30.09 1.86 0.00
BOWLINE___1 23526	29.44 0.44 -22.28	29.24 0.73 -16.98	26.60 0.72 -14.44	25.91 0.72 -13.97	23.72 0.58 -14.02	26.00 0.76 -13.43	23.54 0.80 -10.98	26.81 0.71 -15.87	29.47 1.30 -9.89	32.59 1.86 -4.53	34.28 1.81 -7.05	34.78 1.68 -9.03	35.41 1.85 -7.48	33.37 1.82 -5.85	33.64 1.94 -4.05	33.89 1.96 -3.98	34.29 2.07 -2.60	35.47 2.29 0.00	37.25 2.21 0.00	42.42 2.44 0.00	42.89 2.54 0.00	39.39 2.34 0.00	33.83 1.85 0.00	29.89 1.66 0.00
BOWLINE___2 23595	29.44 0.44 -22.28	29.24 0.73 -16.99	26.60 0.72 -14.44	25.91 0.72 -13.97	23.72 0.58 -14.02	26.00 0.76 -13.43	23.54 0.80 -10.98	26.81 0.71 -15.87	29.47 1.30 -9.89	32.59 1.86 -4.53	34.28 1.81 -7.05	34.78 1.68 -9.03	35.41 1.85 -7.48	33.37 1.82 -5.85	33.64 1.94 -4.05	33.89 1.96 -3.98	34.29 2.07 -2.60	35.47 2.29 0.00	37.25 2.21 0.00	42.42 2.44 0.00	42.89 2.54 0.00	39.39 2.34 0.00	33.83 1.85 0.00	29.89 1.66 0.00
BRADY___115KV_TB2 356060	6.69 -0.03 0.00	11.40 -0.13 0.00	11.30 -0.14 0.00	11.08 -0.15 0.00	9.02 -0.09 0.00	11.67 -0.14 0.00	11.60 -0.16 0.00	10.05 -0.18 0.00	17.92 -0.37 0.00	25.62 -0.58 0.00	24.84 -0.58 0.00	23.49 -0.58 0.00	25.37 -0.70 0.00	25.08 -0.62 0.00	26.99 -0.66 0.00	27.34 -0.61 0.00	28.99 -0.62 0.00	32.69 -0.50 0.00	34.72 -0.32 0.00	39.83 -0.16 0.00	40.14 -0.20 0.00	36.98 -0.07 0.00	31.82 -0.16 0.00	28.05 -0.17 0.00
BRANSCOMB___SOLAR 323811	33.63 0.36 -26.55	32.40 0.63 -20.24	29.28 0.63 -17.21	28.48 0.62 -16.64	26.32 0.49 -16.71	28.47 0.65 -16.01	25.49 0.65 -13.08	29.71 0.56 -18.91	31.11 1.04 -11.79	33.14 1.55 -5.40	35.27 1.45 -8.40	36.18 1.35 -10.76	36.45 1.46 -8.92	33.97 1.31 -6.97	33.92 1.44 -4.83	34.12 1.42 -4.74	34.34 1.63 -3.10	35.01 1.82 0.00	36.96 1.93 0.00	42.22 2.24 0.00	42.68 2.34 0.00	39.24 2.19 0.00	33.83 1.85 0.00	29.80 1.58 0.00
BRDGHMPT_69_KV_BK1 55812	30.12 0.75 -22.64	29.84 1.05 -17.26	27.00 0.88 -14.68	26.26 0.84 -14.19	24.08 0.72 -14.25	26.31 0.85 -13.65	23.91 0.99 -11.16	27.27 0.91 -16.13	30.16 1.83 -10.05	33.47 2.67 -4.60	40.59 2.80 -12.37	42.69 2.46 -16.16	42.81 2.71 -14.02	43.50 2.65 -15.16	42.93 2.90 -12.36	43.58 2.93 -12.69	47.34 3.20 -14.53	47.26 3.45 -10.62	47.58 3.50 -9.04	48.46 3.96 -4.52	48.20 4.07 -3.77	43.75 3.63 -3.06	35.08 3.10 0.00	30.82 2.60 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	30.10 0.73 -22.64	29.89 1.10 -17.26	27.11 1.00 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.33 0.97 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.57 2.77 -12.37	42.78 2.55 -16.16	42.91 2.82 -14.02	43.60 2.75 -15.16	42.98 2.96 -12.36	43.67 3.02 -12.69	47.40 3.26 -14.53	47.42 3.62 -10.62	47.72 3.64 -9.04	48.62 4.12 -4.52	48.36 4.24 -3.77	43.93 3.82 -3.06	35.27 3.29 0.00	30.96 2.74 0.00
BRISTLHL_115KV_TB1 79998	8.60 -0.11 -1.98	12.88 -0.16 -1.51	12.57 -0.16 -1.29	12.31 -0.16 -1.24	10.23 -0.13 -1.25	12.85 -0.15 -1.20	12.60 -0.14 -0.98	11.53 -0.11 -1.41	18.89 -0.27 -0.88	26.21 -0.39 -0.40	25.67 -0.38 -0.63	24.49 -0.39 -0.80	26.35 -0.39 -0.67	25.81 -0.41 -0.52	27.52 -0.50 -0.36	27.80 -0.50 -0.35	29.31 -0.53 -0.23	32.56 -0.63 0.00	34.44 -0.60 0.00	39.31 -0.68 0.00	39.78 -0.56 0.00	36.50 -0.56 0.00	31.50 -0.48 0.00	27.74 -0.48 0.00
BROOKHAVEN___DRP 24191	30.09 0.73 -22.64	29.86 1.07 -17.26	27.07 0.95 -14.68	26.32 0.91 -14.19	24.14 0.77 -14.25	26.39 0.93 -13.65	23.99 1.07 -11.16	27.29 0.93 -16.13	30.16 1.83 -10.05	33.45 2.65 -4.60	40.52 2.72 -12.37	42.64 2.41 -16.16	42.75 2.66 -14.02	43.45 2.60 -15.16	42.90 2.88 -12.36	43.55 2.91 -12.69	47.31 3.17 -14.53	47.32 3.52 -10.62	47.65 3.57 -9.04	48.54 4.04 -4.52	48.28 4.16 -3.77	43.82 3.71 -3.06	35.21 3.23 0.00	30.91 2.68 0.00
BROOKLYN_NAVY_YARD 23515	29.85 0.49 -22.64	29.58 0.79 -17.26	26.92 0.80 -14.67	26.20 0.79 -14.19	23.99 0.63 -14.25	26.27 0.81 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.84 2.04 -4.60	34.49 1.91 -7.16	35.05 1.81 -9.17	35.66 1.98 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.12 2.12 -4.04	34.51 2.25 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.54 2.48 0.00	34.00 2.02 0.00	30.09 1.86 0.00
BROOKLYN___ARMY_DRP 323595	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
BROOME_2_LFGE 323671	14.89 0.03 -8.14	17.82 0.09 -6.20	16.81 0.09 -5.27	16.42 0.10 -5.10	14.31 0.07 -5.12	16.82 0.11 -4.91	15.89 0.12 -4.01	16.14 0.11 -5.80	22.15 0.26 -3.61	28.24 0.39 -1.65	28.35 0.36 -2.58	27.68 0.31 -3.30	29.17 0.36 -2.73	27.99 0.16 -2.14	29.28 0.14 -1.48	29.55 0.14 -1.45	30.80 0.24 -0.95	33.45 0.26 0.00	35.32 0.28 0.00	40.30 0.32 0.00	40.83 0.49 0.00	37.46 0.41 0.00	32.39 0.41 0.00	28.51 0.28 0.00
BROOME___LFGE 323600	14.89 0.03 -8.14	17.82 0.09 -6.20	16.81 0.09 -5.27	16.42 0.10 -5.10	14.31 0.07 -5.12	16.82 0.11 -4.91	15.89 0.12 -4.01	16.14 0.11 -5.80	22.15 0.26 -3.61	28.24 0.39 -1.65	28.35 0.36 -2.58	27.68 0.31 -3.30	29.17 0.36 -2.73	27.99 0.16 -2.14	29.28 0.14 -1.48	29.55 0.14 -1.45	30.80 0.24 -0.95	33.45 0.26 0.00	35.32 0.28 0.00	40.30 0.32 0.00	40.83 0.49 0.00	37.46 0.41 0.00	32.39 0.41 0.00	28.51 0.28 0.00
BROWNFLS_115KV_TB_3_5 80003	7.28 -0.17 -0.72	11.71 -0.37 -0.55	11.54 -0.37 -0.47	11.30 -0.37 -0.45	9.30 -0.27 -0.45	11.87 -0.38 -0.44	11.73 -0.39 -0.36	10.41 -0.34 -0.51	17.93 -0.68 -0.32	25.32 -1.02 -0.15	24.66 -0.99 -0.23	23.42 -0.94 -0.29	25.25 -1.07 -0.24	24.78 -1.10 -0.19	26.60 -1.19 -0.13	26.88 -1.20 -0.13	28.49 -1.21 -0.08	31.99 -1.19 0.00	34.48 -0.56 0.00	39.59 -0.40 0.00	40.02 -0.32 0.00	36.91 -0.15 0.00	31.69 -0.29 0.00	27.91 -0.31 0.00
BROWNSV1_27_KV_LOAD 356125	29.90 0.54 -22.64	29.66 0.88 -17.26	27.00 0.88 -14.67	26.27 0.85 -14.19	24.06 0.69 -14.25	26.35 0.89 -13.65	23.87 0.95 -11.15	27.20 0.84 -16.13	29.89 1.55 -10.05	33.00 2.20 -4.60	34.70 2.11 -7.16	35.24 2.00 -9.17	35.87 2.19 -7.60	33.82 2.18 -5.94	34.10 2.32 -4.12	34.34 2.35 -4.04	34.74 2.49 -2.64	35.97 2.79 0.00	37.74 2.70 0.00	42.98 3.00 0.00	43.45 3.11 0.00	39.84 2.78 0.00	34.22 2.24 0.00	30.43 2.20 0.00
BURROWS___LYONSDAL 23803	7.71 -0.04 -1.03	12.19 -0.13 -0.79	11.99 -0.11 -0.67	11.76 -0.11 -0.65	9.68 -0.08 -0.65	12.32 -0.11 -0.62	12.15 -0.12 -0.51	10.89 -0.08 -0.73	18.52 -0.22 -0.46	26.04 -0.37 -0.21	25.39 -0.36 -0.33	24.15 -0.34 -0.42	26.08 -0.34 -0.35	25.50 -0.46 -0.27	27.35 -0.50 -0.19	27.60 -0.53 -0.18	29.26 -0.47 -0.12	32.75 -0.43 0.00	35.49 0.46 0.00	40.70 0.72 0.00	41.27 0.93 0.00	37.95 0.89 0.00	32.59 0.61 0.00	28.70 0.48 0.00
CAITHNESS_CC_1 323624	30.08 0.71 -22.65	29.86 1.07 -17.26	27.04 0.93 -14.68	26.31 0.90 -14.19	24.13 0.77 -14.25	26.37 0.91 -13.65	23.96 1.05 -11.16	27.27 0.91 -16.13	30.13 1.79 -10.05	33.39 2.59 -4.60	40.46 2.67 -12.37	42.62 2.38 -16.16	42.70 2.61 -14.02	43.42 2.57 -15.16	42.84 2.82 -12.36	43.50 2.85 -12.69	47.25 3.11 -14.53	47.26 3.45 -10.62	47.58 3.50 -9.04	48.46 3.96 -4.52	48.15 4.03 -3.77	43.75 3.63 -3.06	35.12 3.14 -0.01	30.71 2.48 0.00
CALPINE BETH_PAGE_GT4 24209	30.03 0.67 -22.64	29.79 1.00 -17.26	27.03 0.92 -14.68	26.30 0.89 -14.19	24.11 0.75 -14.25	26.37 0.91 -13.65	23.94 1.02 -11.16	27.26 0.90 -16.13	30.07 1.74 -10.05	33.34 2.54 -4.60	40.36 2.57 -12.37	42.66 2.43 -16.16	42.75 2.66 -14.02	43.45 2.60 -15.16	42.79 2.77 -12.36	43.47 2.82 -12.69	47.14 2.99 -14.53	47.16 3.35 -10.62	47.40 3.33 -9.04	48.22 3.72 -4.52	47.95 3.83 -3.77	43.60 3.48 -3.06	34.92 2.94 0.00	30.74 2.51 0.00
CALPINE_BETH_PAGE_GT_4 323586	30.04 0.67 -22.65	29.82 1.03 -17.26	27.03 0.92 -14.68	26.30 0.89 -14.19	24.11 0.75 -14.25	26.37 0.91 -13.65	23.94 1.02 -11.16	27.26 0.90 -16.13	30.07 1.74 -10.05	33.34 2.54 -4.60	40.36 2.57 -12.37	42.66 2.43 -16.16	42.75 2.66 -14.02	43.45 2.59 -15.16	42.79 2.77 -12.36	43.47 2.82 -12.69	47.13 2.99 -14.53	47.16 3.35 -10.62	47.40 3.33 -9.04	48.22 3.72 -4.52	47.96 3.83 -3.77	43.60 3.48 -3.06	34.93 2.94 -0.01	30.62 2.40 0.00
CALPINE_BP_GT1 23823	30.04 0.67 -22.65	29.82 1.03 -17.26	27.03 0.92 -14.68	26.30 0.89 -14.19	24.11 0.75 -14.25	26.37 0.91 -13.65	23.94 1.02 -11.16	27.26 0.90 -16.13	30.07 1.74 -10.05	33.34 2.54 -4.60	40.36 2.57 -12.37	42.66 2.43 -16.16	42.75 2.66 -14.02	43.45 2.59 -15.16	42.79 2.77 -12.36	43.47 2.82 -12.69	47.13 2.99 -14.53	47.16 3.35 -10.62	47.40 3.33 -9.04	48.22 3.72 -4.52	47.96 3.83 -3.77	43.60 3.48 -3.06	34.93 2.94 -0.01	30.62 2.40 0.00
CALSPAN___DRP 24200	6.62 -0.71 -0.60	10.01 -1.05 0.47	9.68 -1.04 0.72	9.50 -1.01 0.71	10.74 -0.85 -2.47	10.19 -1.09 0.53	9.94 -1.04 0.79	8.10 -0.84 1.30	13.27 -1.26 3.75	18.38 -1.76 6.07	18.12 -1.73 5.57	19.84 -1.66 2.57	19.48 -1.75 4.84	22.89 -2.36 0.44	24.80 -2.57 0.28	24.96 -2.71 0.28	26.70 -2.64 0.28	30.46 -2.72 0.00	32.02 -3.01 0.00	36.51 -3.48 0.00	37.32 -3.03 0.00	34.24 -2.82 0.00	30.22 -1.76 0.00	26.02 -2.20 0.00

CALVERTON___SOLAR 323806	30.12 0.75 -22.65	29.90 1.11 -17.26	27.08 0.96 -14.68	26.34 0.92 -14.19	24.15 0.78 -14.25	26.41 0.95 -13.65	24.00 1.08 -11.16	27.30 0.94 -16.13	30.20 1.87 -10.05	33.50 2.70 -4.60	40.57 2.77 -12.37	42.69 2.46 -16.16	42.78 2.69 -14.02	43.47 2.62 -15.16	42.95 2.93 -12.36	43.61 2.96 -12.69	47.37 3.23 -14.53	47.39 3.59 -10.62	47.72 3.64 -9.04	48.62 4.12 -4.52	48.36 4.24 -3.77	43.90 3.78 -3.06	35.25 3.26 -0.01	30.82 2.59 0.00
CANDIGU_WT_PWR 323617	-4.37 -0.46 10.63	-1.65 -0.71 12.46	-1.36 -0.70 12.10	-1.20 -0.68 11.74	11.67 -0.57 -3.12	0.52 -0.69 10.60	0.82 -0.62 10.32	-5.93 -0.51 15.66	-6.00 -0.77 23.52	-6.00 -1.02 31.17	-6.00 -1.04 30.38	5.56 -1.03 17.48	-2.19 -1.04 27.22	18.62 -1.49 5.58	22.34 -1.55 3.77	22.73 -1.51 3.71	25.42 -1.33 2.86	31.92 -1.26 0.00	33.85 -1.19 0.00	38.79 -1.20 0.00	39.50 -0.85 0.00	36.21 -0.85 0.00	31.63 -0.35 0.00	27.74 -0.48 0.00
CARR STREET_E_SYR 24060	8.94 -0.05 -2.26	13.21 -0.05 -1.73	12.86 -0.05 -1.47	12.60 -0.04 -1.42	10.49 -0.05 -1.43	13.14 -0.04 -1.37	12.86 -0.02 -1.12	11.84 -0.01 -1.61	19.20 -0.09 -1.01	26.55 -0.10 -0.46	26.04 -0.10 -0.72	24.87 -0.12 -0.92	26.73 -0.10 -0.76	26.16 -0.13 -0.59	27.91 -0.16 -0.41	28.16 -0.19 -0.40	29.67 -0.21 -0.26	32.92 -0.27 0.00	34.79 -0.24 0.00	39.71 -0.28 0.00	40.19 -0.16 0.00	36.91 -0.15 0.00	31.85 -0.13 0.00	28.08 -0.14 0.00
CARTHAGE___PAPER 23857	7.88 -0.09 -1.25	12.25 -0.23 -0.95	12.03 -0.22 -0.81	11.78 -0.22 -0.78	9.72 -0.17 -0.78	12.34 -0.22 -0.75	12.14 -0.24 -0.61	10.93 -0.19 -0.89	18.36 -0.48 -0.55	25.66 -0.79 -0.25	25.03 -0.79 -0.39	23.80 -0.77 -0.50	25.66 -0.84 -0.42	25.05 -0.98 -0.33	26.78 -1.11 -0.23	27.03 -1.15 -0.22	28.72 -1.04 -0.15	32.26 -0.93 0.00	35.07 0.04 0.00	40.30 0.32 0.00	40.95 0.61 0.00	37.69 0.63 0.00	32.30 0.32 0.00	28.39 0.17 0.00
CASSADAGA_WT_PWR 323784	7.29 -0.98 -1.55	10.40 -1.59 -0.46	10.01 -1.57 -0.14	9.84 -1.52 -0.13	10.47 -1.24 -2.60	10.47 -1.58 -0.24	10.21 -1.47 0.08	8.84 -1.16 0.24	14.34 -1.52 2.42	19.78 -1.94 4.48	19.64 -1.80 3.98	20.93 -1.59 1.55	21.09 -1.59 3.39	23.33 -2.31 0.06	25.26 -2.38 0.02	25.55 -2.38 0.02	27.45 -2.07 0.09	31.10 -2.09 0.00	32.79 -2.24 0.00	37.47 -2.52 0.00	38.33 -2.02 0.00	35.05 -2.00 0.00	30.80 -1.18 0.00	26.87 -1.35 0.00
CE_DUNWOOD___DRP 24194	29.81 0.47 -22.62	29.55 0.77 -17.25	26.88 0.78 -14.66	26.17 0.76 -14.18	23.96 0.61 -14.24	26.24 0.79 -13.64	23.76 0.85 -11.15	27.09 0.75 -16.11	29.71 1.39 -10.04	32.79 1.99 -4.60	34.51 1.93 -7.16	35.04 1.81 -9.17	35.65 1.98 -7.60	33.61 1.98 -5.94	33.87 2.10 -4.11	34.12 2.12 -4.04	34.51 2.25 -2.64	35.67 2.49 0.00	37.46 2.42 0.00	42.62 2.64 0.00	43.13 2.78 0.00	39.54 2.48 0.00	34.00 2.01 0.00	30.14 1.92 0.00
CE_MILLWOOD___DRP 24193	29.76 0.46 -22.58	29.49 0.75 -17.22	26.83 0.76 -14.64	26.12 0.74 -14.16	23.93 0.60 -14.21	26.20 0.78 -13.61	23.71 0.82 -11.13	27.05 0.73 -16.08	29.66 1.35 -10.02	32.73 1.94 -4.59	34.45 1.88 -7.14	34.98 1.76 -9.15	35.59 1.93 -7.58	33.52 1.90 -5.92	33.78 2.02 -4.10	34.05 2.07 -4.03	34.44 2.19 -2.63	35.58 2.39 0.00	37.39 2.35 0.00	42.54 2.56 0.00	43.05 2.70 0.00	39.46 2.41 0.00	33.93 1.95 0.00	30.09 1.86 0.00
CE_NYC2_DRP 24202	29.90 0.53 -22.64	29.65 0.86 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.32 0.86 -13.65	23.81 0.89 -11.15	27.13 0.77 -16.13	29.76 1.43 -10.05	32.82 2.02 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.63 1.96 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.12 2.12 -4.04	34.51 2.25 -2.64	35.67 2.49 0.00	37.42 2.38 0.00	42.58 2.60 0.00	43.05 2.70 0.00	39.50 2.45 0.00	33.96 1.98 0.00	30.37 2.15 0.00
CE_NYC_DRP 24195	29.86 0.50 -22.64	29.61 0.82 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.10 1.85 -9.17	35.71 2.03 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.20 2.21 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.61 2.56 0.00	34.06 2.08 0.00	30.26 2.03 0.00
CHAFFEE___LFGE 323603	7.23 -0.71 -1.22	10.59 -1.07 -0.14	10.23 -1.05 0.16	10.04 -1.02 0.16	10.80 -0.87 -2.55	10.67 -1.11 0.03	10.39 -1.05 0.32	8.80 -0.84 0.60	14.24 -1.17 2.87	19.56 -1.62 5.01	19.28 -1.63 4.51	20.61 -1.56 1.89	20.52 -1.67 3.88	23.12 -2.39 0.19	24.95 -2.60 0.11	25.10 -2.74 0.11	26.86 -2.61 0.15	30.47 -2.72 0.00	32.06 -2.98 0.00	36.55 -3.44 0.00	37.36 -2.99 0.00	34.28 -2.78 0.00	30.25 -1.73 0.00	26.50 -1.72 0.00
CHATEAUG_35_KV_LOAD 355732	6.61 -0.11 0.00	11.26 -0.27 0.00	11.15 -0.29 0.00	10.93 -0.29 0.00	8.89 -0.23 0.00	11.49 -0.32 0.00	11.42 -0.34 0.00	9.91 -0.33 0.00	17.70 -0.59 0.00	25.36 -0.84 0.00	24.61 -0.81 0.00	23.32 -0.75 0.00	25.19 -0.89 0.00	24.90 -0.80 0.00	26.88 -0.77 0.00	27.23 -0.73 0.00	28.91 -0.71 0.00	32.49 -0.70 0.00	34.41 -0.63 0.00	39.35 -0.64 0.00	39.66 -0.69 0.00	36.46 -0.59 0.00	31.40 -0.58 0.00	27.74 -0.48 0.00
CHATEAUG_WT_PWR 323614	6.61 -0.11 0.00	11.26 -0.26 0.00	11.17 -0.27 0.00	10.94 -0.28 0.00	8.90 -0.22 0.00	11.50 -0.31 0.00	11.43 -0.33 0.00	9.93 -0.31 0.00	17.75 -0.53 0.00	25.44 -0.76 0.00	24.68 -0.74 0.00	23.40 -0.67 0.00	25.29 -0.78 0.00	24.98 -0.72 0.00	26.94 -0.72 0.00	27.31 -0.64 0.00	28.96 -0.65 0.00	32.52 -0.66 0.00	34.41 -0.63 0.00	39.31 -0.68 0.00	39.62 -0.73 0.00	36.43 -0.63 0.00	31.41 -0.57 0.00	27.72 -0.51 0.00
CHAT_HIGH_FALL_HYD 323578	6.61 -0.11 0.00	11.26 -0.27 0.00	11.15 -0.29 0.00	10.93 -0.29 0.00	8.89 -0.23 0.00	11.49 -0.32 0.00	11.42 -0.34 0.00	9.91 -0.33 0.00	17.70 -0.59 0.00	25.36 -0.84 0.00	24.61 -0.81 0.00	23.32 -0.75 0.00	25.19 -0.89 0.00	24.90 -0.80 0.00	26.88 -0.77 0.00	27.23 -0.73 0.00	28.91 -0.71 0.00	32.49 -0.70 0.00	34.41 -0.63 0.00	39.35 -0.64 0.00	39.66 -0.69 0.00	36.46 -0.59 0.00	31.40 -0.58 0.00	27.74 -0.48 0.00
CHAUTAUQUA___LFGE 323629	6.97 -0.76 -1.01	10.27 -1.18 0.08	9.91 -1.17 0.36	9.74 -1.12 0.36	10.73 -0.94 -2.55	10.39 -1.20 0.21	10.13 -1.14 0.50	8.47 -0.90 0.86	13.78 -1.28 3.22	19.04 -1.70 5.45	18.85 -1.63 4.95	20.39 -1.52 2.16	20.24 -1.56 4.27	23.23 -2.18 0.28	25.19 -2.30 0.18	25.43 -2.35 0.17	27.23 -2.19 0.20	30.96 -2.22 0.00	32.62 -2.42 0.00	37.23 -2.76 0.00	38.05 -2.30 0.00	34.83 -2.22 0.00	30.64 -1.34 0.00	26.79 -1.44 0.00
CHERRYST_13_KV_LD 356241	29.87 0.51 -22.64	29.63 0.84 -17.26	26.96 0.85 -14.67	26.24 0.83 -14.19	24.03 0.67 -14.25	26.31 0.85 -13.65	23.84 0.92 -11.15	27.17 0.81 -16.13	29.83 1.50 -10.05	32.92 2.12 -4.60	34.62 2.03 -7.16	35.15 1.90 -9.17	35.79 2.11 -7.60	33.74 2.11 -5.94	34.01 2.24 -4.12	34.26 2.26 -4.04	34.66 2.40 -2.64	35.84 2.65 0.00	37.63 2.59 0.00	42.82 2.84 0.00	43.29 2.95 0.00	39.69 2.63 0.00	34.12 2.14 0.00	30.31 2.09 0.00

CHESTROR_138KV_BK263 355645	28.86 0.39 -21.75	28.77 0.66 -16.58	26.19 0.65 -14.10	25.51 0.65 -13.64	23.33 0.53 -13.69	25.61 0.68 -13.11	23.21 0.73 -10.72	26.36 0.63 -15.49	29.11 1.17 -9.66	32.27 1.65 -4.42	33.91 1.60 -6.88	34.40 1.52 -8.81	35.02 1.64 -7.31	33.02 1.62 -5.71	33.33 1.71 -3.95	33.57 1.73 -3.89	33.99 1.84 -2.54	35.21 2.02 0.00	37.03 2.00 0.00	42.14 2.16 0.00	42.65 2.30 0.00	39.21 2.15 0.00	33.68 1.69 0.00	29.83 1.61 0.00
CH_MIDHUDSON___DRP 24192	30.09 0.42 -22.94	29.73 0.71 -17.49	27.02 0.71 -14.87	26.30 0.70 -14.38	24.12 0.57 -14.44	26.38 0.74 -13.83	23.84 0.78 -11.30	27.26 0.69 -16.34	29.75 1.28 -10.18	32.69 1.83 -4.66	34.44 1.75 -7.26	35.03 1.66 -9.30	35.58 1.80 -7.71	33.49 1.77 -6.02	33.68 1.85 -4.17	33.95 1.90 -4.10	34.31 2.01 -2.68	35.41 2.22 0.00	37.21 2.17 0.00	42.42 2.44 0.00	42.93 2.58 0.00	39.43 2.37 0.00	33.90 1.92 0.00	30.03 1.81 0.00
CH_MISC_IPPS 23765	29.84 0.44 -22.68	29.57 0.75 -17.29	26.88 0.74 -14.70	26.17 0.73 -14.22	23.99 0.60 -14.27	26.27 0.79 -13.67	23.76 0.82 -11.17	27.11 0.73 -16.15	29.70 1.35 -10.07	32.75 1.94 -4.61	34.48 1.88 -7.18	35.04 1.78 -9.19	35.59 1.90 -7.62	33.50 1.85 -5.95	33.74 1.96 -4.12	33.99 1.98 -4.05	34.36 2.10 -2.65	35.54 2.36 0.00	37.35 2.31 0.00	42.58 2.60 0.00	43.09 2.74 0.00	39.61 2.55 0.00	34.03 2.05 0.00	30.03 1.81 0.00
CH_RES_BVR_FALLS 23983	6.67 -0.05 0.00	11.41 -0.12 0.00	11.33 -0.11 0.00	11.11 -0.11 0.00	9.02 -0.09 0.00	11.69 -0.12 0.00	11.63 -0.13 0.00	10.12 -0.11 0.00	18.08 -0.20 0.00	25.91 -0.29 0.00	25.14 -0.28 0.00	23.81 -0.26 0.00	25.79 -0.29 0.00	25.44 -0.26 0.00	27.38 -0.28 0.00	27.70 -0.25 0.00	29.35 -0.27 0.00	32.92 -0.27 0.00	34.79 -0.24 0.00	39.71 -0.28 0.00	40.07 -0.28 0.00	36.80 -0.26 0.00	31.76 -0.22 0.00	28.03 -0.20 0.00
CH_RES_NIAGARA 23895	7.04 -0.67 -0.99	10.58 -0.96 -0.01	10.24 -0.95 0.25	10.05 -0.92 0.25	10.54 -0.87 -2.30	10.68 -1.00 0.12	10.44 -0.94 0.38	8.77 -0.79 0.68	13.75 -1.76 2.78	18.94 -2.49 4.77	18.64 -2.47 4.32	19.83 -2.38 1.86	19.80 -2.56 3.72	23.14 -2.34 0.22	24.59 -2.93 0.14	24.63 -3.19 0.13	25.87 -3.58 0.16	29.54 -3.65 0.00	30.97 -4.06 0.00	35.19 -4.80 0.00	35.95 -4.40 0.00	33.02 -4.04 0.00	29.33 -2.65 0.00	25.43 -2.79 0.00
CH_RES_SYRACUSE 23985	9.24 0.00 -2.51	13.47 0.02 -1.92	13.09 0.02 -1.63	12.83 0.03 -1.57	10.70 0.01 -1.58	13.36 0.04 -1.51	13.05 0.05 -1.24	12.08 0.05 -1.79	19.43 0.04 -1.12	26.79 0.08 -0.51	26.27 0.05 -0.79	25.14 0.05 -1.02	27.00 0.08 -0.84	26.38 0.03 -0.66	28.12 0.00 -0.46	28.37 -0.03 -0.45	29.91 0.00 -0.29	33.15 -0.03 0.00	35.00 -0.04 0.00	39.99 0.00 0.00	40.47 0.12 0.00	37.13 0.07 0.00	32.08 0.10 0.00	28.25 0.03 0.00
CLINTON_WT_PWR 323605	6.61 -0.11 0.00	11.26 -0.26 0.00	11.17 -0.27 0.00	10.94 -0.28 0.00	8.90 -0.22 0.00	11.50 -0.31 0.00	11.43 -0.33 0.00	9.93 -0.31 0.00	17.75 -0.53 0.00	25.44 -0.76 0.00	24.68 -0.74 0.00	23.40 -0.67 0.00	25.29 -0.78 0.00	24.98 -0.72 0.00	26.94 -0.72 0.00	27.31 -0.64 0.00	28.96 -0.65 0.00	32.52 -0.66 0.00	34.41 -0.63 0.00	39.31 -0.68 0.00	39.62 -0.73 0.00	36.43 -0.63 0.00	31.41 -0.57 0.00	27.72 -0.51 0.00
CLINTON___LFGE 323618	6.68 -0.05 0.00	11.37 -0.16 0.00	11.27 -0.17 0.00	11.03 -0.19 0.00	8.97 -0.15 0.00	11.60 -0.21 0.00	11.54 -0.22 0.00	10.01 -0.23 0.00	17.90 -0.38 0.00	25.67 -0.52 0.00	24.94 -0.48 0.00	23.64 -0.43 0.00	25.52 -0.55 0.00	25.23 -0.46 0.00	27.19 -0.47 0.00	27.56 -0.39 0.00	29.29 -0.33 0.00	32.89 -0.30 0.00	34.79 -0.24 0.00	39.83 -0.16 0.00	40.15 -0.20 0.00	36.91 -0.15 0.00	31.79 -0.19 0.00	28.03 -0.20 0.00
COBBLENY_34_KV_TB1 80064	7.23 -0.71 -1.22	10.59 -1.07 -0.14	10.23 -1.05 0.16	10.04 -1.02 0.16	10.80 -0.87 -2.55	10.67 -1.11 0.03	10.39 -1.05 0.32	8.80 -0.84 0.60	14.24 -1.17 2.87	19.56 -1.62 5.01	19.28 -1.63 4.51	20.61 -1.56 1.89	20.55 -1.64 3.88	23.15 -2.36 0.19	24.95 -2.60 0.11	25.10 -2.74 0.11	26.86 -2.61 0.15	30.46 -2.72 0.00	32.06 -2.98 0.00	36.55 -3.44 0.00	37.36 -2.99 0.00	34.28 -2.78 0.00	30.22 -1.76 0.00	26.02 -2.20 0.00
COFFEEN___115KV_TB3 355620	8.14 0.03 -1.39	12.55 -0.03 -1.06	12.33 -0.01 -0.90	12.07 -0.02 -0.87	9.98 -0.01 -0.87	12.65 0.00 -0.84	12.42 -0.02 -0.68	11.22 0.00 -0.99	18.75 -0.15 -0.62	26.14 -0.34 -0.28	25.51 -0.36 -0.44	24.30 -0.34 -0.56	26.25 -0.29 -0.47	25.52 -0.54 -0.36	27.27 -0.64 -0.25	27.53 -0.67 -0.25	29.25 -0.53 -0.16	32.75 -0.43 0.00	35.39 0.35 0.00	40.74 0.76 0.00	41.48 1.13 0.00	38.13 1.07 0.00	32.62 0.64 0.00	28.65 0.42 0.00
COLDSPRG_115KV_BK1 355956	8.32 -0.81 -2.40	11.54 -1.30 -1.31	11.10 -1.28 -0.94	10.89 -1.23 -0.90	10.76 -1.03 -2.67	11.45 -1.31 -0.95	11.12 -1.22 -0.58	10.02 -0.96 -0.75	16.28 -0.84 1.16	22.20 -1.05 2.95	21.97 -1.02 2.44	22.54 -0.94 0.59	23.17 -0.91 1.99	23.81 -2.18 -0.30	25.50 -2.38 -0.22	25.76 -2.40 -0.21	27.81 -1.90 -0.09	31.13 -2.06 0.00	32.83 -2.21 0.00	37.55 -2.44 0.00	38.41 -1.94 0.00	35.13 -1.93 0.00	30.80 -1.18 0.00	26.53 -1.69 0.00
COLONIE_LFGE___ 323577	33.32 0.30 -26.30	32.10 0.52 -20.05	29.00 0.52 -17.05	28.22 0.51 -16.49	26.08 0.41 -16.55	28.20 0.53 -15.86	25.25 0.53 -12.96	29.44 0.47 -18.73	30.80 0.84 -11.68	32.78 1.23 -5.35	34.94 1.20 -8.32	35.86 1.13 -10.66	36.11 1.20 -8.83	33.73 1.13 -6.90	33.69 1.25 -4.78	33.88 1.23 -4.70	34.02 1.33 -3.07	34.68 1.49 0.00	36.54 1.51 0.00	41.70 1.72 0.00	42.16 1.82 0.00	38.73 1.67 0.00	33.45 1.47 0.00	29.55 1.33 0.00
COOPERNY_115KV_TB1 80082	25.96 0.36 -18.88	26.52 0.60 -14.40	24.28 0.59 -12.24	23.67 0.61 -11.84	21.49 0.49 -11.88	23.83 0.64 -11.39	21.73 0.66 -9.30	24.26 0.57 -13.45	27.73 1.06 -8.38	31.53 1.49 -3.84	32.85 1.45 -5.98	33.09 1.37 -7.65	33.90 1.49 -6.34	32.12 1.46 -4.95	32.67 1.58 -3.43	32.89 1.57 -3.37	33.51 1.69 -2.20	35.01 1.83 0.00	36.82 1.79 0.00	41.90 1.92 0.00	42.40 2.06 0.00	38.98 1.93 0.00	33.52 1.54 0.00	29.66 1.44 0.00
COPENHAGEN_WT_PWR 323753	8.14 -0.01 -1.43	12.54 -0.08 -1.09	12.30 -0.07 -0.93	12.05 -0.07 -0.90	9.97 -0.05 -0.90	12.62 -0.06 -0.86	12.40 -0.07 -0.71	11.22 -0.04 -1.02	18.72 -0.20 -0.64	26.10 -0.39 -0.29	25.47 -0.41 -0.45	24.24 -0.41 -0.58	26.19 -0.37 -0.48	25.48 -0.59 -0.38	27.26 -0.66 -0.26	27.51 -0.70 -0.26	29.19 -0.59 -0.17	32.65 -0.53 0.00	35.21 0.18 0.00	40.47 0.48 0.00	41.15 0.81 0.00	37.87 0.81 0.00	32.43 0.45 0.00	28.54 0.31 0.00
CORNELL_____ 23752	13.43 0.11 -6.60	17.06 0.22 -5.31	16.27 0.22 -4.61	15.91 0.22 -4.46	12.80 0.16 -3.52	16.30 0.25 -4.25	15.60 0.26 -3.58	15.69 0.24 -5.22	22.80 0.38 -4.13	29.92 0.52 -3.20	29.67 0.43 -3.81	27.92 0.34 -3.52	30.19 0.39 -3.73	27.81 0.21 -1.91	29.20 0.22 -1.32	29.50 0.25 -1.29	30.87 0.39 -0.87	33.72 0.53 0.00	35.70 0.67 0.00	40.86 0.88 0.00	41.44 1.09 0.00	38.02 0.96 0.00	32.81 0.83 0.00	28.82 0.59 0.00

CORONA__69_KV_TB1 355595	29.98 0.61 -22.64	29.74 0.95 -17.26	26.99 0.87 -14.68	26.27 0.85 -14.19	24.07 0.71 -14.25	26.33 0.87 -13.65	23.89 0.98 -11.16	27.21 0.85 -16.13	29.98 1.65 -10.05	33.18 2.38 -4.60	40.21 2.42 -12.37	42.52 2.29 -16.16	42.60 2.50 -14.02	43.32 2.47 -15.16	42.65 2.63 -12.36	43.30 2.66 -12.69	46.96 2.81 -14.53	46.93 3.12 -10.62	47.16 3.08 -9.04	47.90 3.40 -4.52	47.67 3.55 -3.77	43.34 3.22 -3.06	34.67 2.69 0.00	30.59 2.37 0.00
CORTLAND__115KV_TB3 80093	11.29 0.07 -4.50	15.10 0.14 -3.43	14.51 0.15 -2.92	14.19 0.15 -2.82	12.06 0.11 -2.83	14.69 0.17 -2.71	14.16 0.18 -2.22	13.60 0.16 -3.21	20.55 0.27 -2.00	27.48 0.37 -0.92	27.18 0.33 -1.42	26.18 0.29 -1.82	27.90 0.31 -1.51	27.06 0.18 -1.18	28.64 0.17 -0.82	28.92 0.17 -0.80	30.41 0.27 -0.53	33.52 0.33 0.00	35.46 0.42 0.00	40.51 0.52 0.00	41.03 0.69 0.00	37.69 0.63 0.00	32.52 0.54 0.00	28.59 0.37 0.00
COXSACKIE__GT 23611	32.24 0.34 -25.17	31.33 0.61 -19.19	28.36 0.61 -16.32	27.58 0.58 -15.78	25.44 0.48 -15.84	27.65 0.66 -15.18	24.81 0.65 -12.40	28.74 0.57 -17.93	30.44 0.99 -11.17	32.65 1.34 -5.12	34.56 1.17 -7.96	35.35 1.08 -10.20	35.57 1.04 -8.46	33.25 0.95 -6.60	33.26 1.02 -4.58	33.51 1.06 -4.50	33.74 1.19 -2.94	34.88 1.69 0.00	36.86 1.82 0.00	42.22 2.24 0.00	42.85 2.50 0.00	39.58 2.52 0.00	34.12 2.14 0.00	30.14 1.92 0.00
CPV_VALLEY__CC1 323721	28.01 0.35 -20.94	28.08 0.59 -15.96	25.60 0.58 -13.57	24.94 0.59 -13.13	22.77 0.48 -13.18	25.06 0.63 -12.62	22.74 0.66 -10.32	25.71 0.56 -14.91	28.62 1.04 -9.30	31.95 1.49 -4.26	33.50 1.45 -6.63	33.90 1.35 -8.48	34.59 1.49 -7.03	32.65 1.46 -5.49	33.01 1.55 -3.81	33.26 1.56 -3.74	33.72 1.66 -2.44	35.01 1.82 0.00	36.79 1.75 0.00	41.90 1.92 0.00	42.36 2.02 0.00	38.95 1.89 0.00	33.48 1.50 0.00	29.55 1.33 0.00
CPV_VALLEY__CC2 323722	28.01 0.35 -20.94	28.08 0.59 -15.96	25.60 0.58 -13.57	24.94 0.59 -13.13	22.77 0.48 -13.18	25.06 0.63 -12.62	22.74 0.66 -10.32	25.71 0.56 -14.91	28.62 1.04 -9.30	31.95 1.49 -4.26	33.50 1.45 -6.63	33.90 1.35 -8.48	34.59 1.49 -7.03	32.65 1.46 -5.49	33.01 1.55 -3.81	33.26 1.56 -3.74	33.72 1.66 -2.44	35.01 1.82 0.00	36.79 1.75 0.00	41.90 1.92 0.00	42.36 2.02 0.00	38.95 1.89 0.00	33.48 1.50 0.00	29.55 1.33 0.00
CRESCENT__HYD 24018	33.32 0.30 -26.30	32.10 0.52 -20.05	29.00 0.52 -17.05	28.22 0.51 -16.49	26.08 0.41 -16.55	28.20 0.53 -15.86	25.25 0.53 -12.96	29.44 0.47 -18.73	30.80 0.84 -11.68	32.78 1.23 -5.35	34.94 1.20 -8.32	35.86 1.13 -10.66	36.11 1.20 -8.83	33.73 1.13 -6.90	33.69 1.25 -4.78	33.88 1.23 -4.70	34.02 1.33 -3.07	34.68 1.49 0.00	36.54 1.51 0.00	41.70 1.72 0.00	42.16 1.82 0.00	38.73 1.67 0.00	33.45 1.47 0.00	29.55 1.33 0.00
CRICKET__VALLEY_CC1 323756	30.40 0.40 -23.28	29.93 0.66 -17.75	27.18 0.65 -15.09	26.46 0.65 -14.59	24.28 0.52 -14.65	26.52 0.67 -14.03	23.95 0.72 -11.47	27.45 0.63 -16.58	29.79 1.17 -10.33	32.61 1.68 -4.73	34.42 1.63 -7.37	35.02 1.52 -9.43	35.56 1.67 -7.82	33.45 1.65 -6.11	33.63 1.74 -4.23	33.87 1.76 -4.16	34.20 1.87 -2.72	35.28 2.09 0.00	37.03 2.00 0.00	42.18 2.20 0.00	42.68 2.34 0.00	39.17 2.11 0.00	33.67 1.69 0.00	29.75 1.52 0.00
CRICKET__VALLEY_CC2 323757	30.40 0.40 -23.28	29.93 0.66 -17.75	27.18 0.65 -15.09	26.46 0.65 -14.59	24.28 0.52 -14.65	26.52 0.67 -14.03	23.95 0.72 -11.47	27.45 0.63 -16.58	29.79 1.17 -10.33	32.61 1.68 -4.73	34.42 1.63 -7.37	35.02 1.52 -9.43	35.56 1.67 -7.82	33.45 1.65 -6.11	33.63 1.74 -4.23	33.87 1.76 -4.16	34.20 1.87 -2.72	35.28 2.09 0.00	37.03 2.00 0.00	42.18 2.20 0.00	42.68 2.34 0.00	39.17 2.11 0.00	33.67 1.69 0.00	29.75 1.52 0.00
CRICKET__VALLEY_CC3 323758	30.40 0.40 -23.28	29.93 0.66 -17.75	27.18 0.65 -15.09	26.46 0.65 -14.59	24.28 0.52 -14.65	26.52 0.67 -14.03	23.95 0.72 -11.47	27.45 0.63 -16.58	29.79 1.17 -10.33	32.61 1.68 -4.73	34.42 1.63 -7.37	35.02 1.52 -9.43	35.56 1.67 -7.82	33.45 1.65 -6.11	33.63 1.74 -4.23	33.87 1.76 -4.16	34.20 1.87 -2.72	35.28 2.09 0.00	37.03 2.00 0.00	42.18 2.20 0.00	42.68 2.34 0.00	39.17 2.11 0.00	33.67 1.69 0.00	29.75 1.52 0.00
CRUCIBLE__METL_DRP 24180	9.24 0.00 -2.51	13.47 0.02 -1.92	13.09 0.02 -1.63	12.83 0.03 -1.57	10.70 0.01 -1.58	13.36 0.04 -1.51	13.05 0.05 -1.24	12.08 0.05 -1.79	19.43 0.04 -1.12	26.79 0.08 -0.51	26.27 0.05 -0.79	25.14 0.05 -1.02	27.00 0.08 -0.84	26.38 0.03 -0.66	28.12 0.00 -0.46	28.37 -0.03 -0.45	29.91 0.00 -0.29	33.15 -0.03 0.00	35.00 -0.04 0.00	39.99 0.00 0.00	40.47 0.12 0.00	37.13 0.07 0.00	32.08 0.10 0.00	28.22 0.00 0.00
DAHOWA__HYDRO 323763	33.69 0.38 -26.59	32.47 0.67 -20.27	29.34 0.66 -17.23	28.54 0.65 -16.67	26.37 0.52 -16.73	28.53 0.68 -16.03	25.55 0.68 -13.10	29.78 0.60 -18.94	31.20 1.12 -11.80	33.25 1.65 -5.41	35.39 1.55 -8.41	36.29 1.44 -10.77	36.54 1.54 -8.93	34.06 1.39 -6.98	33.98 1.49 -4.83	34.18 1.48 -4.75	34.46 1.75 -3.10	35.14 1.96 0.00	37.14 2.10 0.00	42.42 2.44 0.00	42.89 2.54 0.00	39.43 2.37 0.00	33.96 1.98 0.00	29.92 1.69 0.00
DANC__LFGE 323619	8.33 -0.04 -1.65	12.69 -0.09 -1.26	12.43 -0.08 -1.07	12.17 -0.09 -1.03	10.08 -0.07 -1.04	12.72 -0.08 -1.00	12.49 -0.08 -0.81	11.36 -0.05 -1.18	18.81 -0.20 -0.73	26.19 -0.34 -0.34	25.59 -0.36 -0.52	24.38 -0.36 -0.67	26.29 -0.34 -0.55	25.64 -0.49 -0.43	27.41 -0.55 -0.30	27.63 -0.62 -0.29	29.25 -0.56 -0.19	32.62 -0.56 0.00	34.90 -0.14 0.00	40.03 0.04 0.00	40.67 0.32 0.00	37.39 0.33 0.00	32.14 0.16 0.00	28.28 0.06 0.00
DANSKAMMER__1 23586	29.84 0.44 -22.68	29.57 0.75 -17.29	26.88 0.74 -14.70	26.17 0.73 -14.22	23.99 0.60 -14.27	26.27 0.79 -13.67	23.76 0.82 -11.17	27.11 0.73 -16.15	29.70 1.35 -10.07	32.75 1.94 -4.61	34.48 1.88 -7.18	35.04 1.78 -9.19	35.59 1.90 -7.62	33.50 1.85 -5.95	33.74 1.96 -4.12	33.99 1.98 -4.05	34.36 2.10 -2.65	35.54 2.36 0.00	37.35 2.31 0.00	42.58 2.60 0.00	43.09 2.74 0.00	39.61 2.55 0.00	34.03 2.05 0.00	30.03 1.81 0.00
DANSKAMMER__2 23589	29.84 0.44 -22.68	29.57 0.75 -17.29	26.88 0.74 -14.70	26.17 0.73 -14.22	23.99 0.60 -14.27	26.27 0.79 -13.67	23.76 0.82 -11.17	27.11 0.73 -16.15	29.70 1.35 -10.07	32.75 1.94 -4.61	34.48 1.88 -7.18	35.04 1.78 -9.19	35.59 1.90 -7.62	33.50 1.85 -5.95	33.74 1.96 -4.12	33.99 1.98 -4.05	34.36 2.10 -2.65	35.54 2.36 0.00	37.35 2.31 0.00	42.58 2.60 0.00	43.09 2.74 0.00	39.61 2.55 0.00	34.03 2.05 0.00	30.03 1.81 0.00
DANSKAMMER__3 23590	29.84 0.44 -22.68	29.57 0.75 -17.29	26.88 0.74 -14.70	26.17 0.73 -14.22	23.99 0.60 -14.27	26.27 0.79 -13.67	23.76 0.82 -11.17	27.11 0.73 -16.15	29.70 1.35 -10.07	32.75 1.94 -4.61	34.48 1.88 -7.18	35.04 1.78 -9.19	35.59 1.90 -7.62	33.50 1.85 -5.95	33.74 1.96 -4.12	33.99 1.98 -4.05	34.36 2.10 -2.65	35.54 2.36 0.00	37.35 2.31 0.00	42.58 2.60 0.00	43.09 2.74 0.00	39.61 2.55 0.00	34.03 2.05 0.00	30.03 1.81 0.00

DANSKAMMER___4 23591	29.84 0.44 -22.68	29.57 0.75 -17.29	26.88 0.74 -14.70	26.17 0.73 -14.22	23.99 0.60 -14.27	26.27 0.79 -13.67	23.76 0.82 -11.17	27.11 0.73 -16.15	29.70 1.35 -10.07	32.75 1.94 -4.61	34.48 1.88 -7.18	35.04 1.78 -9.19	35.59 1.90 -7.62	33.50 1.85 -5.95	33.74 1.96 -4.12	33.99 1.98 -4.05	34.36 2.10 -2.65	35.54 2.36 0.00	37.35 2.31 0.00	42.58 2.60 0.00	43.09 2.74 0.00	39.61 2.55 0.00	34.03 2.05 0.00	30.03 1.81 0.00
DANSKAMMER___DIESEL 23592	29.84 0.44 -22.68	29.57 0.75 -17.29	26.88 0.74 -14.70	26.17 0.73 -14.22	23.99 0.60 -14.27	26.27 0.79 -13.67	23.75 0.81 -11.17	27.11 0.73 -16.15	29.70 1.35 -10.07	32.75 1.94 -4.61	34.48 1.88 -7.18	35.04 1.78 -9.19	35.59 1.90 -7.62	33.50 1.85 -5.95	33.74 1.96 -4.12	33.99 1.98 -4.05	34.36 2.10 -2.65	35.54 2.36 0.00	37.35 2.31 0.00	42.58 2.60 0.00	43.09 2.74 0.00	39.61 2.56 0.00	34.03 2.05 0.00	30.14 1.92 0.00
DARBY___SOLAR 323810	33.64 0.36 -26.55	32.42 0.65 -20.24	29.29 0.64 -17.21	28.48 0.62 -16.65	26.32 0.49 -16.71	28.47 0.65 -16.01	25.49 0.65 -13.08	29.72 0.57 -18.91	31.13 1.06 -11.79	33.17 1.57 -5.40	35.30 1.47 -8.40	36.20 1.37 -10.76	36.45 1.46 -8.92	34.00 1.34 -6.97	33.92 1.44 -4.83	34.12 1.42 -4.74	34.37 1.66 -3.10	35.04 1.86 0.00	37.00 1.96 0.00	42.26 2.28 0.00	42.73 2.38 0.00	39.28 2.22 0.00	33.87 1.89 0.00	29.83 1.61 0.00
DASHVILLE___HYD 23610	30.08 0.34 -23.02	29.65 0.56 -17.55	26.92 0.56 -14.92	26.20 0.55 -14.43	24.06 0.46 -14.49	26.28 0.59 -13.88	23.73 0.62 -11.34	27.19 0.55 -16.40	29.54 1.04 -10.22	32.34 1.47 -4.68	34.11 1.40 -7.28	34.72 1.32 -9.33	35.19 1.38 -7.73	33.10 1.36 -6.04	33.28 1.44 -4.19	33.55 1.48 -4.11	33.87 1.57 -2.69	35.14 1.96 0.00	36.96 1.93 0.00	42.18 2.20 0.00	42.69 2.34 0.00	39.28 2.22 0.00	33.80 1.82 0.00	29.95 1.72 0.00
DELAWARE___LFGE 323621	17.87 0.24 -10.91	20.28 0.43 -8.32	18.95 0.43 -7.07	18.49 0.43 -6.84	16.33 0.35 -6.87	18.85 0.46 -6.58	17.58 0.44 -5.38	18.41 0.40 -7.77	23.88 0.75 -4.85	29.46 1.05 -2.22	29.94 1.07 -3.45	29.50 1.01 -4.42	30.89 1.15 -3.67	29.59 1.03 -2.86	30.75 1.11 -1.98	30.99 1.09 -1.95	32.07 1.18 -1.27	34.45 1.26 0.00	36.26 1.23 0.00	41.34 1.36 0.00	41.84 1.49 0.00	38.43 1.37 0.00	33.10 1.12 0.00	29.21 0.99 0.00
DERFIELD_115KV_TB7 355931	6.76 0.04 0.00	11.60 0.07 0.00	11.51 0.07 0.00	11.29 0.07 0.00	9.17 0.05 0.00	11.88 0.07 0.00	11.83 0.07 0.00	10.31 0.07 0.00	18.39 0.11 0.00	26.35 0.16 0.00	25.58 0.15 0.00	24.21 0.14 0.00	26.23 0.16 0.00	25.85 0.15 0.00	27.82 0.17 0.00	28.12 0.17 0.00	29.76 0.15 0.00	33.35 0.17 0.00	35.21 0.18 0.00	40.19 0.20 0.00	40.59 0.24 0.00	37.28 0.22 0.00	32.17 0.19 0.00	28.42 0.20 0.00
DOGLEVILLE___HYD 23807	6.54 -0.19 0.00	11.18 -0.35 0.00	11.11 -0.33 0.00	10.90 -0.33 0.00	8.85 -0.26 0.00	11.47 -0.34 0.00	11.42 -0.34 0.00	9.94 -0.30 0.00	17.73 -0.55 0.00	25.41 -0.79 0.00	24.74 -0.69 0.00	23.47 -0.60 0.00	25.45 -0.63 0.00	25.05 -0.64 0.00	27.02 -0.64 0.00	27.11 -0.84 0.00	28.79 -0.83 0.00	32.26 -0.93 0.00	34.13 -0.91 0.00	39.11 -0.88 0.00	39.62 -0.73 0.00	36.50 -0.56 0.00	31.76 -0.22 0.00	28.20 -0.03 0.00
DUNKIRK___115KV_TB_200 55889	6.95 -0.73 -0.96	10.26 -1.13 0.13	9.92 -1.11 0.41	9.74 -1.08 0.41	10.77 -0.89 -2.55	10.41 -1.15 0.25	10.13 -1.09 0.54	8.44 -0.87 0.92	13.76 -1.22 3.30	19.00 -1.65 5.55	18.78 -1.60 5.04	20.36 -1.49 2.22	20.18 -1.54 4.36	23.26 -2.13 0.30	25.17 -2.30 0.19	25.42 -2.35 0.19	27.21 -2.19 0.21	30.93 -2.26 0.00	32.58 -2.45 0.00	37.19 -2.80 0.00	38.01 -2.34 0.00	34.80 -2.26 0.00	30.64 -1.34 0.00	26.36 -1.86 0.00
DUNKIRK___1 23563	6.95 -0.73 -0.96	10.26 -1.13 0.13	9.92 -1.11 0.41	9.74 -1.08 0.41	10.77 -0.89 -2.55	10.41 -1.15 0.25	10.13 -1.09 0.54	8.44 -0.87 0.92	13.76 -1.22 3.30	19.00 -1.65 5.55	18.78 -1.60 5.04	20.36 -1.49 2.22	20.18 -1.54 4.36	23.26 -2.13 0.30	25.17 -2.30 0.19	25.42 -2.35 0.19	27.21 -2.19 0.21	30.93 -2.26 0.00	32.58 -2.45 0.00	37.19 -2.80 0.00	38.01 -2.34 0.00	34.80 -2.26 0.00	30.64 -1.34 0.00	26.36 -1.86 0.00
DUNKIRK___2 23564	6.95 -0.73 -0.96	10.26 -1.13 0.13	9.92 -1.11 0.41	9.74 -1.08 0.41	10.77 -0.89 -2.55	10.41 -1.15 0.25	10.13 -1.09 0.54	8.44 -0.87 0.92	13.76 -1.22 3.30	19.00 -1.65 5.55	18.78 -1.60 5.04	20.36 -1.49 2.22	20.18 -1.54 4.36	23.26 -2.13 0.30	25.17 -2.30 0.19	25.42 -2.35 0.19	27.21 -2.19 0.21	30.93 -2.26 0.00	32.58 -2.45 0.00	37.19 -2.80 0.00	38.01 -2.34 0.00	34.80 -2.26 0.00	30.64 -1.34 0.00	26.36 -1.86 0.00
DUNKIRK___3 23565	6.74 -0.71 -0.73	10.09 -1.07 0.36	9.76 -1.05 0.63	9.59 -1.02 0.61	10.78 -0.87 -2.54	10.27 -1.10 0.44	10.00 -1.05 0.71	8.21 -0.84 1.19	13.46 -1.17 3.65	18.62 -1.60 5.98	18.37 -1.58 5.47	20.09 -1.49 2.49	19.78 -1.54 4.75	23.11 -2.18 0.40	25.02 -2.38 0.26	25.24 -2.46 0.25	27.05 -2.31 0.26	30.76 -2.42 0.00	32.41 -2.63 0.00	36.95 -3.04 0.00	37.76 -2.58 0.00	34.61 -2.45 0.00	30.45 -1.54 0.00	26.22 -2.00 0.00
DUNKIRK___4 23566	6.74 -0.71 -0.73	10.09 -1.07 0.36	9.76 -1.05 0.63	9.59 -1.02 0.61	10.78 -0.87 -2.54	10.27 -1.10 0.44	10.00 -1.05 0.71	8.21 -0.84 1.19	13.46 -1.17 3.65	18.62 -1.60 5.98	18.37 -1.58 5.47	20.09 -1.49 2.49	19.78 -1.54 4.75	23.11 -2.18 0.40	25.02 -2.38 0.26	25.24 -2.46 0.25	27.05 -2.31 0.26	30.76 -2.42 0.00	32.41 -2.63 0.00	36.95 -3.04 0.00	37.76 -2.58 0.00	34.61 -2.45 0.00	30.45 -1.54 0.00	26.22 -2.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.85 0.48 -22.64	29.58 0.80 -17.26	26.90 0.79 -14.67	26.19 0.77 -14.19	23.99 0.63 -14.25	26.27 0.81 -13.65	23.79 0.87 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.57 1.98 -7.16	35.12 1.88 -9.17	35.74 2.06 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.53 2.49 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.61 2.56 0.00	34.03 2.05 0.00	30.20 1.98 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.39 0.42 -22.25	29.20 0.70 -16.97	26.56 0.70 -14.42	25.87 0.70 -13.95	23.68 0.57 -14.00	25.96 0.73 -13.42	23.49 0.76 -10.96	26.76 0.68 -15.85	29.42 1.26 -9.88	32.50 1.78 -4.52	34.19 1.73 -7.04	34.72 1.64 -9.02	35.30 1.75 -7.47	33.26 1.72 -5.84	33.53 1.83 -4.05	33.77 1.84 -3.98	34.17 1.95 -2.60	35.38 2.19 0.00	37.17 2.14 0.00	42.34 2.36 0.00	42.89 2.54 0.00	39.39 2.33 0.00	33.87 1.89 0.00	29.97 1.75 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.92 0.55 -22.65	29.70 0.91 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.09 0.72 -14.26	26.33 0.87 -13.65	23.78 0.86 -11.15	27.09 0.73 -16.13	29.69 1.35 -10.05	32.71 1.91 -4.60	34.39 1.81 -7.16	34.93 1.68 -9.17	35.53 1.85 -7.60	33.51 1.88 -5.94	33.77 1.99 -4.12	34.01 2.01 -4.04	34.39 2.13 -2.64	35.54 2.36 0.00	37.28 2.24 0.00	42.42 2.44 0.00	42.89 2.54 0.00	39.32 2.26 0.00	33.84 1.85 0.00	30.48 2.26 0.00

E179THST_13_KV_LOAD 356214	29.95 0.58 -22.65	29.75 0.96 -17.26	27.06 0.95 -14.67	26.35 0.93 -14.19	24.12 0.75 -14.26	26.37 0.91 -13.65	23.82 0.91 -11.15	27.13 0.77 -16.13	29.76 1.43 -10.05	32.82 2.02 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.63 1.96 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.12 2.12 -4.04	34.51 2.25 -2.64	35.67 2.49 0.00	37.42 2.38 0.00	42.58 2.60 0.00	43.05 2.70 0.00	39.46 2.41 0.00	33.96 1.98 0.00	30.60 2.37 0.00
EAST HAMPTON___GT 23717	30.08 0.71 -22.65	29.75 0.96 -17.26	26.85 0.73 -14.68	26.10 0.68 -14.19	23.96 0.60 -14.25	26.16 0.70 -13.65	23.75 0.84 -11.16	27.17 0.81 -16.13	30.00 1.66 -10.05	33.24 2.44 -4.60	40.39 2.59 -12.37	42.49 2.26 -16.16	42.57 2.48 -14.02	43.29 2.44 -15.16	42.68 2.66 -12.36	43.33 2.68 -12.69	47.11 2.96 -14.53	46.86 3.05 -10.62	47.16 3.08 -9.04	48.02 3.52 -4.52	47.71 3.59 -3.77	43.34 3.22 -3.06	34.74 2.75 -0.01	30.40 2.17 0.00
EAST RIVER___6 23660	29.83 0.47 -22.64	29.55 0.76 -17.26	26.89 0.78 -14.67	26.18 0.76 -14.19	23.97 0.61 -14.25	26.24 0.78 -13.65	23.75 0.84 -11.15	27.10 0.74 -16.13	29.70 1.37 -10.05	32.74 1.94 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.66 1.98 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.50 2.45 0.00	33.93 1.95 0.00	30.00 1.78 0.00
EAST RIVER___7 23524	29.83 0.47 -22.64	29.55 0.76 -17.26	26.89 0.78 -14.67	26.18 0.76 -14.19	23.97 0.61 -14.25	26.24 0.78 -13.65	23.75 0.84 -11.15	27.10 0.74 -16.13	29.70 1.37 -10.05	32.74 1.94 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.66 1.98 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.50 2.45 0.00	33.93 1.95 0.00	30.00 1.78 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.81 0.47 -22.62	29.55 0.77 -17.25	26.88 0.78 -14.66	26.17 0.76 -14.18	23.96 0.61 -14.24	26.24 0.79 -13.64	23.76 0.85 -11.15	27.09 0.75 -16.11	29.71 1.39 -10.04	32.79 1.99 -4.60	34.51 1.93 -7.16	35.04 1.81 -9.17	35.65 1.98 -7.60	33.61 1.98 -5.94	33.87 2.10 -4.11	34.12 2.12 -4.04	34.51 2.25 -2.64	35.67 2.49 0.00	37.46 2.42 0.00	42.62 2.64 0.00	43.13 2.78 0.00	39.54 2.48 0.00	34.00 2.01 0.00	30.14 1.92 0.00
EAST_HAMPTON___DIESEL 23722	30.06 0.69 -22.65	29.72 0.93 -17.26	26.83 0.71 -14.68	26.08 0.66 -14.19	23.95 0.58 -14.25	26.13 0.67 -13.65	23.73 0.81 -11.16	27.15 0.79 -16.13	29.96 1.63 -10.05	33.18 2.38 -4.60	40.34 2.54 -12.37	42.45 2.21 -16.16	42.52 2.43 -14.02	43.24 2.39 -15.16	42.65 2.63 -12.36	43.30 2.66 -12.69	47.05 2.90 -14.53	46.79 2.99 -10.62	47.09 3.01 -9.04	47.94 3.44 -4.52	47.67 3.55 -3.77	43.26 3.15 -3.06	34.67 2.69 -0.01	30.34 2.12 0.00
EAST_POINT___SOLAR 323840	35.95 0.42 -28.81	34.24 0.74 -21.97	30.85 0.73 -18.68	30.00 0.72 -18.06	27.81 0.57 -18.14	29.95 0.77 -17.37	26.71 0.75 -14.20	31.37 0.61 -20.52	32.15 1.08 -12.79	33.34 1.28 -5.86	35.66 1.12 -9.12	36.90 1.16 -11.68	37.19 1.43 -9.68	34.52 1.26 -7.56	34.33 1.44 -5.24	34.50 1.40 -5.15	34.58 1.60 -3.36	35.14 1.96 0.00	37.25 2.21 0.00	42.74 2.76 0.00	43.25 2.91 0.00	39.76 2.70 0.00	34.25 2.27 0.00	30.06 1.83 0.00
EAST_PULASKI___ESR 323781	8.52 -0.05 -1.85	12.85 -0.09 -1.41	12.56 -0.08 -1.20	12.29 -0.09 -1.16	10.21 -0.07 -1.16	12.84 -0.08 -1.12	12.60 -0.07 -0.91	11.50 -0.05 -1.32	18.94 -0.16 -0.82	26.31 -0.26 -0.38	25.73 -0.28 -0.59	24.56 -0.26 -0.75	26.43 -0.26 -0.62	25.85 -0.33 -0.49	27.58 -0.41 -0.34	27.83 -0.45 -0.33	29.39 -0.44 -0.22	32.65 -0.53 0.00	34.72 -0.32 0.00	39.71 -0.28 0.00	40.27 -0.08 0.00	37.02 -0.04 0.00	31.88 -0.10 0.00	28.08 -0.14 0.00
EAST_RIVER___1 323558	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.10 1.85 -9.17	35.71 2.04 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.20 2.21 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.61 2.55 0.00	34.03 2.05 0.00	30.12 1.89 0.00
EAST_RIVER___2 323559	29.83 0.47 -22.64	29.55 0.76 -17.26	26.89 0.78 -14.67	26.18 0.76 -14.19	23.97 0.61 -14.25	26.24 0.78 -13.65	23.75 0.84 -11.15	27.10 0.74 -16.13	29.70 1.37 -10.05	32.74 1.94 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.66 1.98 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.50 2.45 0.00	33.93 1.95 0.00	30.00 1.78 0.00
EAST___DELAWARE_HYD 23607	28.17 0.39 -21.06	28.24 0.66 -16.06	25.74 0.65 -13.65	25.06 0.64 -13.20	22.90 0.53 -13.26	25.21 0.70 -12.70	22.86 0.72 -10.38	25.87 0.63 -15.00	28.82 1.19 -9.35	32.16 1.68 -4.28	33.69 1.60 -6.66	34.12 1.52 -8.53	34.74 1.59 -7.07	32.76 1.54 -5.53	33.12 1.63 -3.83	33.36 1.65 -3.76	33.82 1.75 -2.46	35.14 1.96 0.00	37.00 1.96 0.00	42.22 2.24 0.00	42.77 2.42 0.00	39.35 2.30 0.00	33.77 1.79 0.00	29.78 1.55 0.00
EIGHT_POINT___WT_PWR 323820	19.68 -0.63 -13.59	23.33 -1.01 -12.82	22.19 -1.00 -11.75	21.64 -0.97 -11.38	11.34 -0.79 -3.02	21.41 -0.96 -10.56	20.46 -0.87 -9.56	23.78 -0.70 -14.24	33.85 -1.06 -16.63	43.93 -1.39 -19.13	43.61 -1.35 -19.54	35.75 -1.25 -12.93	42.78 -1.20 -17.91	29.17 -1.67 -5.14	29.48 -1.69 -3.51	29.81 -1.59 -3.45	30.79 -1.33 -2.50	31.99 -1.19 0.00	33.95 -1.09 0.00	38.99 -1.00 0.00	39.74 -0.60 0.00	36.39 -0.67 0.00	31.76 -0.22 0.00	27.83 -0.40 0.00
ELBRIDGE_115KV_TB2 80188	9.34 -0.04 -2.65	13.52 -0.03 -2.02	13.13 -0.03 -1.72	12.86 -0.02 -1.66	10.76 -0.03 -1.67	13.39 -0.02 -1.60	13.06 -0.01 -1.31	12.13 0.00 -1.89	19.41 -0.05 -1.18	26.66 -0.08 -0.54	26.16 -0.10 -0.84	25.05 -0.10 -1.08	26.89 -0.08 -0.89	26.26 -0.13 -0.70	27.98 -0.17 -0.48	28.23 -0.20 -0.47	29.75 -0.18 -0.31	32.95 -0.23 0.00	34.83 -0.21 0.00	39.79 -0.20 0.00	40.27 -0.08 0.00	36.95 -0.11 0.00	31.92 -0.06 0.00	28.05 -0.17 0.00
ELEC_TRO_TEK 24086	29.96 0.59 -22.64	29.69 0.90 -17.26	26.94 0.82 -14.68	26.21 0.80 -14.19	24.04 0.67 -14.25	26.28 0.81 -13.65	23.85 0.93 -11.16	27.17 0.81 -16.13	29.91 1.57 -10.05	33.08 2.28 -4.60	40.11 2.31 -12.37	42.40 2.17 -16.16	42.47 2.37 -14.02	43.19 2.34 -15.16	42.51 2.49 -12.36	43.16 2.52 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.74 3.24 -4.52	47.47 3.35 -3.77	43.15 3.04 -3.06	34.57 2.59 0.00	30.48 2.26 0.00
ELLENBURG_WT_PWR 323604	6.61 -0.11 0.00	11.26 -0.26 0.00	11.17 -0.27 0.00	10.94 -0.28 0.00	8.90 -0.22 0.00	11.50 -0.31 0.00	11.43 -0.33 0.00	9.93 -0.31 0.00	17.75 -0.53 0.00	25.44 -0.76 0.00	24.68 -0.74 0.00	23.40 -0.67 0.00	25.29 -0.78 0.00	24.98 -0.72 0.00	26.94 -0.72 0.00	27.31 -0.64 0.00	28.96 -0.65 0.00	32.52 -0.66 0.00	34.41 -0.63 0.00	39.31 -0.68 0.00	39.62 -0.73 0.00	36.43 -0.63 0.00	31.41 -0.57 0.00	27.72 -0.51 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	6.46 -0.69 -0.43	9.88 -1.01 0.63	9.58 -1.00 0.87	9.41 -0.97 0.85	10.71 -0.82 -2.42	10.11 -1.04 0.66	9.87 -0.99 0.90	7.97 -0.80 1.47	12.96 -1.39 3.93	17.96 -1.96 6.27	17.70 -1.93 5.79	19.50 -1.85 2.71	19.05 -1.98 5.04	22.88 -2.31 0.50	24.79 -2.54 0.33	24.92 -2.71 0.32	26.56 -2.75 0.31	30.37 -2.82 0.00	31.92 -3.12 0.00	36.31 -3.68 0.00	37.12 -3.23 0.00	34.05 -3.00 0.00	30.09 -1.89 0.00	25.91 -2.31 0.00
EMPIRE_CC_1 323656	32.14 0.27 -25.14	31.18 0.48 -19.17	28.22 0.48 -16.30	27.46 0.47 -15.76	25.32 0.38 -15.82	27.47 0.50 -15.16	24.65 0.49 -12.39	28.58 0.44 -17.91	30.19 0.75 -11.16	32.41 1.10 -5.11	34.45 1.07 -7.96	35.27 1.01 -10.19	35.59 1.07 -8.45	33.32 1.03 -6.60	33.34 1.11 -4.57	33.56 1.12 -4.49	33.67 1.13 -2.93	34.45 1.26 0.00	36.26 1.23 0.00	41.38 1.40 0.00	41.80 1.45 0.00	38.43 1.37 0.00	33.39 1.41 0.00	29.55 1.33 0.00
EMPIRE_CC_2 323658	32.14 0.27 -25.14	31.18 0.48 -19.17	28.22 0.48 -16.30	27.46 0.47 -15.76	25.32 0.38 -15.82	27.47 0.50 -15.16	24.65 0.49 -12.39	28.58 0.44 -17.91	30.19 0.75 -11.16	32.41 1.10 -5.11	34.45 1.07 -7.96	35.27 1.01 -10.19	35.59 1.07 -8.45	33.32 1.03 -6.60	33.34 1.11 -4.57	33.56 1.12 -4.49	33.67 1.13 -2.93	34.45 1.26 0.00	36.26 1.23 0.00	41.38 1.40 0.00	41.80 1.45 0.00	38.43 1.37 0.00	33.39 1.41 0.00	29.55 1.33 0.00
ENORWICH_115KV_TB1 80156	16.30 0.31 -9.27	19.25 0.52 -7.20	18.15 0.54 -6.17	17.72 0.53 -5.97	15.07 0.42 -5.54	18.12 0.59 -5.72	16.98 0.49 -4.72	17.57 0.48 -6.85	23.77 0.80 -4.69	30.06 1.10 -2.77	30.25 1.07 -3.75	29.24 1.01 -4.16	31.00 1.10 -3.83	29.06 0.85 -2.52	30.40 1.00 -1.74	30.70 1.03 -1.71	32.11 1.36 -1.13	34.75 1.56 0.00	36.75 1.72 0.00	42.18 2.20 0.00	42.93 2.58 0.00	39.43 2.37 0.00	33.87 1.89 0.00	29.80 1.58 0.00
ERIE_ST__34_KV_TB1-2 80199	6.90 -0.78 -0.96	10.25 -1.16 0.11	9.90 -1.16 0.39	9.72 -1.12 0.38	10.67 -0.95 -2.50	10.37 -1.20 0.23	10.11 -1.14 0.51	8.42 -0.93 0.88	14.20 -0.88 3.21	19.59 -1.21 5.40	19.30 -1.22 4.91	20.74 -1.18 2.15	20.61 -1.23 4.24	22.84 -2.57 0.29	24.63 -2.85 0.18	24.81 -2.96 0.18	26.87 -2.55 0.20	30.37 -2.82 0.00	31.95 -3.08 0.00	36.43 -3.56 0.00	37.24 -3.11 0.00	34.17 -2.89 0.00	30.09 -1.89 0.00	25.91 -2.31 0.00
ERIE_WT_PWR 323693	6.61 -0.71 -0.60	10.00 -1.06 0.47	9.68 -1.04 0.72	9.50 -1.01 0.71	10.73 -0.86 -2.47	10.18 -1.10 0.53	9.94 -1.04 0.79	8.10 -0.84 1.30	13.27 -1.26 3.75	18.38 -1.75 6.07	18.10 -1.75 5.57	19.84 -1.66 2.57	19.46 -1.77 4.84	22.87 -2.39 0.44	24.80 -2.57 0.28	24.96 -2.71 0.28	26.70 -2.64 0.28	30.47 -2.72 0.00	32.06 -2.98 0.00	36.51 -3.48 0.00	37.32 -3.03 0.00	34.24 -2.82 0.00	30.25 -1.73 0.00	26.50 -1.72 0.00
ESPRGFLD_115KV_TB1 80157	8.79 0.30 -1.77	13.42 0.54 -1.35	13.12 0.54 -1.15	12.86 0.53 -1.11	10.65 0.43 -1.11	13.45 0.58 -1.07	13.20 0.56 -0.87	12.00 0.50 -1.26	19.98 0.91 -0.78	27.79 1.23 -0.36	27.18 1.19 -0.56	25.94 1.16 -0.72	28.00 1.33 -0.59	27.32 1.16 -0.46	29.25 1.27 -0.32	29.50 1.23 -0.32	31.18 1.36 -0.21	34.71 1.53 0.00	36.65 1.61 0.00	41.90 1.92 0.00	42.44 2.10 0.00	38.98 1.93 0.00	33.58 1.60 0.00	29.55 1.33 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	13.25 0.10 -6.43	16.87 0.21 -5.13	16.09 0.21 -4.44	15.72 0.20 -4.30	12.80 0.15 -3.53	16.14 0.24 -4.10	15.45 0.25 -3.44	15.47 0.23 -5.01	22.50 0.37 -3.85	29.51 0.47 -2.85	29.30 0.41 -3.47	27.71 0.34 -3.30	29.85 0.37 -3.41	27.71 0.18 -1.83	29.12 0.19 -1.27	29.42 0.22 -1.24	30.81 0.36 -0.84	33.65 0.46 0.00	35.67 0.63 0.00	40.78 0.80 0.00	41.35 1.01 0.00	37.95 0.89 0.00	32.75 0.77 0.00	28.76 0.54 0.00
ETNA____115KV_TB2 80207	13.25 0.10 -6.43	16.87 0.21 -5.13	16.09 0.21 -4.44	15.72 0.20 -4.30	12.80 0.15 -3.53	16.14 0.24 -4.10	15.45 0.25 -3.44	15.47 0.23 -5.01	22.50 0.37 -3.85	29.51 0.47 -2.85	29.30 0.41 -3.47	27.71 0.34 -3.30	29.85 0.37 -3.41	27.71 0.18 -1.83	29.12 0.19 -1.27	29.42 0.22 -1.24	30.81 0.36 -0.84	33.65 0.46 0.00	35.67 0.63 0.00	40.78 0.80 0.00	41.35 1.01 0.00	37.95 0.89 0.00	32.75 0.77 0.00	28.76 0.54 0.00
EUCLID__115KV_TB2 356179	8.76 -0.07 -2.11	13.03 -0.10 -1.61	12.72 -0.09 -1.37	12.45 -0.09 -1.32	10.36 -0.08 -1.33	12.99 -0.09 -1.27	12.72 -0.08 -1.04	11.68 -0.06 -1.50	19.04 -0.18 -0.94	26.39 -0.24 -0.43	25.84 -0.25 -0.67	24.68 -0.24 -0.85	26.55 -0.23 -0.71	25.99 -0.26 -0.55	27.74 -0.30 -0.38	28.02 -0.31 -0.38	29.51 -0.36 -0.25	32.79 -0.40 0.00	34.62 -0.42 0.00	39.55 -0.44 0.00	39.98 -0.36 0.00	36.72 -0.33 0.00	31.69 -0.29 0.00	27.89 -0.34 0.00
E_CANADA_CAP_HY 24051	37.11 0.36 -30.03	35.05 0.62 -22.90	31.53 0.63 -19.47	30.65 0.61 -18.83	28.50 0.48 -18.90	30.57 0.65 -18.11	27.21 0.65 -14.80	32.17 0.54 -21.39	32.56 0.95 -13.33	33.53 1.23 -6.11	36.07 1.15 -9.50	37.37 1.13 -12.17	37.46 1.30 -10.09	34.71 1.13 -7.88	34.39 1.27 -5.46	34.52 1.20 -5.37	34.45 1.33 -3.50	34.81 1.63 0.00	36.82 1.79 0.00	42.18 2.20 0.00	42.68 2.34 0.00	39.24 2.19 0.00	33.87 1.89 0.00	29.78 1.55 0.00
E_CANADA_MHWK_HY 24050	6.54 -0.19 0.00	11.18 -0.35 0.00	11.11 -0.33 0.00	10.90 -0.33 0.00	8.85 -0.26 0.00	11.47 -0.34 0.00	11.42 -0.34 0.00	9.94 -0.30 0.00	17.73 -0.55 0.00	25.41 -0.79 0.00	24.74 -0.69 0.00	23.47 -0.60 0.00	25.45 -0.63 0.00	25.05 -0.64 0.00	27.02 -0.64 0.00	27.11 -0.84 0.00	28.79 -0.83 0.00	32.26 -0.93 0.00	34.13 -0.91 0.00	39.11 -0.88 0.00	39.62 -0.73 0.00	36.50 -0.55 0.00	31.76 -0.22 0.00	28.17 -0.06 0.00
E_FISHKILL__LBMP 23776	30.13 0.41 -22.99	29.74 0.68 -17.53	27.02 0.67 -14.90	26.31 0.67 -14.42	24.13 0.55 -14.47	26.38 0.71 -13.86	23.83 0.74 -11.33	27.27 0.66 -16.38	29.70 1.21 -10.21	32.60 1.73 -4.68	34.38 1.68 -7.28	34.98 1.59 -9.32	35.52 1.72 -7.72	33.43 1.70 -6.03	33.64 1.80 -4.18	33.91 1.84 -4.11	34.22 1.93 -2.68	35.34 2.16 0.00	37.10 2.07 0.00	42.26 2.28 0.00	42.77 2.42 0.00	39.24 2.19 0.00	33.74 1.76 0.00	29.92 1.69 0.00
FALCON__SEABRD_CC1 323796	6.67 -0.05 0.00	11.37 -0.16 0.00	11.26 -0.18 0.00	11.03 -0.19 0.00	8.97 -0.15 0.00	11.60 -0.21 0.00	11.53 -0.24 0.00	10.01 -0.23 0.00	17.90 -0.38 0.00	25.67 -0.52 0.00	24.91 -0.51 0.00	23.61 -0.46 0.00	25.50 -0.57 0.00	25.21 -0.49 0.00	27.19 -0.47 0.00	27.53 -0.42 0.00	29.26 -0.35 0.00	32.85 -0.33 0.00	34.72 -0.32 0.00	39.71 -0.28 0.00	40.02 -0.32 0.00	36.80 -0.26 0.00	31.72 -0.26 0.00	28.00 -0.23 0.00
FALCON__SEABRD_CC2 323797	6.67 -0.05 0.00	11.37 -0.16 0.00	11.26 -0.18 0.00	11.03 -0.19 0.00	8.97 -0.15 0.00	11.60 -0.21 0.00	11.53 -0.24 0.00	10.01 -0.23 0.00	17.90 -0.38 0.00	25.67 -0.52 0.00	24.91 -0.51 0.00	23.61 -0.46 0.00	25.50 -0.57 0.00	25.21 -0.49 0.00	27.19 -0.47 0.00	27.53 -0.42 0.00	29.26 -0.35 0.00	32.85 -0.33 0.00	34.72 -0.32 0.00	39.71 -0.28 0.00	40.02 -0.32 0.00	36.80 -0.26 0.00	31.72 -0.26 0.00	28.00 -0.23 0.00

FAR ROCKAWAY___4 23548	30.04 0.67 -22.64	29.83 1.04 -17.26	27.08 0.96 -14.68	26.35 0.93 -14.19	24.14 0.77 -14.25	26.41 0.94 -13.65	23.98 1.06 -11.16	27.28 0.92 -16.13	30.13 1.79 -10.05	33.42 2.62 -4.60	40.47 2.67 -12.37	42.76 2.53 -16.16	42.86 2.76 -14.02	43.58 2.72 -15.16	42.90 2.88 -12.36	43.55 2.91 -12.69	47.23 3.08 -14.53	47.19 3.38 -10.62	47.44 3.36 -9.04	48.26 3.76 -4.52	47.99 3.87 -3.77	43.64 3.52 -3.06	34.95 2.97 0.00	30.82 2.60 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.87 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.01 0.65 -14.25	26.30 0.84 -13.65	23.81 0.89 -11.15	27.16 0.80 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.57 1.98 -7.16	35.10 1.85 -9.17	35.74 2.06 -7.60	33.69 2.06 -5.94	33.96 2.19 -4.12	34.20 2.21 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.61 2.56 0.00	34.06 2.08 0.00	30.28 2.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.87 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.02 0.66 -14.25	26.30 0.84 -13.65	23.81 0.89 -11.15	27.16 0.80 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.57 1.98 -7.16	35.10 1.85 -9.17	35.74 2.06 -7.60	33.69 2.06 -5.94	33.96 2.19 -4.12	34.20 2.21 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.56 2.52 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.06 2.08 0.00	30.28 2.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.86 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.81 0.89 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.54 1.96 -7.16	35.10 1.85 -9.17	35.71 2.03 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.61 2.56 0.00	34.06 2.08 0.00	30.26 2.03 0.00
FARRAGUT___LBMP 323566	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.71 2.03 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.70 2.72 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
FARRCKWY_69_KV_BK2 55825	30.04 0.67 -22.64	29.83 1.04 -17.26	27.08 0.96 -14.68	26.35 0.93 -14.19	24.14 0.77 -14.25	26.41 0.94 -13.65	23.98 1.06 -11.16	27.28 0.92 -16.13	30.13 1.79 -10.05	33.42 2.62 -4.60	40.47 2.67 -12.37	42.76 2.53 -16.16	42.86 2.76 -14.02	43.58 2.72 -15.16	42.90 2.88 -12.36	43.55 2.91 -12.69	47.23 3.08 -14.53	47.19 3.38 -10.62	47.44 3.36 -9.04	48.26 3.76 -4.52	47.99 3.87 -3.77	43.64 3.52 -3.06	34.95 2.97 0.00	30.82 2.60 0.00
FENNER___WINDPWR 24204	9.85 0.09 -3.03	14.01 0.17 -2.31	13.58 0.17 -1.96	13.29 0.17 -1.90	11.16 0.14 -1.91	13.82 0.19 -1.83	13.45 0.20 -1.49	12.58 0.18 -2.16	19.92 0.29 -1.34	27.21 0.39 -0.62	26.74 0.36 -0.96	25.63 0.34 -1.23	27.48 0.39 -1.02	26.77 0.28 -0.79	28.51 0.30 -0.55	28.77 0.28 -0.54	30.33 0.36 -0.35	33.59 0.40 0.00	35.60 0.56 0.00	40.71 0.72 0.00	41.23 0.89 0.00	37.87 0.81 0.00	32.62 0.64 0.00	28.76 0.53 0.00
FIBERTEK___ENERGY 23856	9.24 0.00 -2.51	13.47 0.02 -1.92	13.09 0.02 -1.63	12.83 0.03 -1.57	10.70 0.01 -1.58	13.36 0.04 -1.51	13.05 0.05 -1.24	12.08 0.05 -1.79	19.43 0.04 -1.12	26.79 0.08 -0.51	26.27 0.05 -0.79	25.14 0.05 -1.02	27.00 0.08 -0.84	26.38 0.03 -0.66	28.12 0.00 -0.46	28.37 -0.03 -0.45	29.91 0.00 -0.29	33.15 -0.03 0.00	35.00 -0.04 0.00	39.99 0.00 0.00	40.47 0.12 0.00	37.13 0.07 0.00	32.08 0.10 0.00	28.22 0.00 0.00
FITZPATRICK___ 23598	8.07 -0.15 -1.50	12.43 -0.24 -1.14	12.17 -0.24 -0.97	11.93 -0.24 -0.94	9.87 -0.19 -0.94	12.48 -0.24 -0.90	12.27 -0.24 -0.74	11.11 -0.19 -1.07	18.53 -0.42 -0.67	25.90 -0.60 -0.30	25.31 -0.58 -0.47	24.10 -0.58 -0.61	25.98 -0.60 -0.50	25.50 -0.59 -0.39	27.27 -0.66 -0.27	27.52 -0.70 -0.27	29.05 -0.74 -0.17	32.32 -0.86 0.00	34.16 -0.87 0.00	38.99 -1.00 0.00	39.46 -0.89 0.00	36.21 -0.85 0.00	31.25 -0.73 0.00	27.58 -0.65 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.94 0.46 -22.76	29.65 0.77 -17.35	26.96 0.77 -14.75	26.24 0.75 -14.27	24.06 0.62 -14.32	26.33 0.80 -13.72	23.81 0.84 -11.21	27.18 0.74 -16.21	29.77 1.39 -10.10	32.81 1.99 -4.63	34.56 1.93 -7.20	35.12 1.83 -9.22	35.67 1.96 -7.64	33.57 1.90 -5.97	33.81 2.02 -4.14	34.06 2.04 -4.07	34.43 2.16 -2.65	35.58 2.39 0.00	37.42 2.38 0.00	42.62 2.64 0.00	43.17 2.82 0.00	39.69 2.63 0.00	34.09 2.11 0.00	30.17 1.95 0.00
FORT ORANGE___ 23900	32.79 0.25 -25.82	31.66 0.45 -19.68	28.62 0.45 -16.73	27.84 0.44 -16.19	25.71 0.35 -16.25	27.84 0.46 -15.57	24.94 0.46 -12.72	29.02 0.40 -18.39	30.37 0.62 -11.46	32.34 0.89 -5.25	34.46 0.86 -8.17	35.35 0.82 -10.46	35.61 0.86 -8.67	33.29 0.82 -6.77	33.24 0.88 -4.69	33.46 0.89 -4.61	33.58 0.95 -3.01	34.28 1.09 0.00	36.12 1.09 0.00	41.23 1.24 0.00	41.68 1.33 0.00	38.32 1.26 0.00	33.13 1.15 0.00	29.38 1.16 0.00
FORT_DRUM_COGEN 23780	8.06 -0.01 -1.35	12.46 -0.09 -1.03	12.23 -0.08 -0.87	11.99 -0.08 -0.85	9.91 -0.05 -0.85	12.55 -0.07 -0.81	12.35 -0.08 -0.66	11.14 -0.05 -0.96	18.64 -0.24 -0.60	26.03 -0.45 -0.27	25.39 -0.46 -0.43	24.18 -0.43 -0.55	26.11 -0.42 -0.45	25.41 -0.64 -0.35	27.18 -0.72 -0.25	27.44 -0.75 -0.24	29.12 -0.65 -0.16	32.62 -0.56 0.00	35.28 0.25 0.00	40.58 0.60 0.00	41.27 0.93 0.00	37.95 0.89 0.00	32.49 0.51 0.00	28.56 0.34 0.00
FOX_HILLS___ESR 323835	29.91 0.54 -22.65	29.68 0.89 -17.26	27.00 0.88 -14.67	26.28 0.86 -14.19	24.06 0.69 -14.25	26.32 0.86 -13.65	23.82 0.91 -11.15	27.14 0.78 -16.13	29.76 1.43 -10.05	32.82 2.02 -4.60	34.47 1.88 -7.16	34.98 1.73 -9.17	35.61 1.93 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.61 2.55 0.00	34.06 2.08 0.00	30.24 2.00 -0.01
FPL_FAR_ROCK_GT1 24212	30.04 0.67 -22.65	29.84 1.05 -17.26	27.08 0.96 -14.68	26.34 0.92 -14.19	24.14 0.77 -14.25	26.41 0.95 -13.65	23.98 1.06 -11.16	27.28 0.92 -16.13	30.13 1.79 -10.05	33.42 2.62 -4.60	40.46 2.67 -12.37	42.76 2.53 -16.17	42.86 2.76 -14.02	43.57 2.72 -15.16	42.90 2.88 -12.36	43.55 2.91 -12.69	47.22 3.08 -14.53	47.19 3.39 -10.62	47.44 3.36 -9.04	48.26 3.76 -4.52	47.99 3.87 -3.77	43.64 3.52 -3.06	34.96 2.97 -0.01	30.68 2.45 0.00
FPL_FAR_ROCK_GT2 23815	30.04 0.67 -22.65	29.84 1.05 -17.26	27.08 0.96 -14.68	26.34 0.92 -14.19	24.14 0.77 -14.25	26.41 0.95 -13.65	23.98 1.06 -11.16	27.28 0.92 -16.13	30.13 1.79 -10.05	33.42 2.62 -4.60	40.46 2.67 -12.37	42.76 2.53 -16.17	42.86 2.76 -14.02	43.57 2.72 -15.16	42.90 2.88 -12.36	43.55 2.91 -12.69	47.22 3.08 -14.53	47.19 3.39 -10.62	47.44 3.36 -9.04	48.26 3.76 -4.52	47.99 3.87 -3.77	43.64 3.52 -3.06	34.96 2.97 -0.01	30.68 2.45 0.00

FRANKLIN_FALL_HYD 24054	6.64 -0.09 0.00	11.30 -0.23 0.00	11.20 -0.24 0.00	10.96 -0.26 0.00	8.92 -0.19 0.00	11.55 -0.26 0.00	11.49 -0.27 0.00	9.98 -0.26 0.00	17.83 -0.46 0.00	25.57 -0.63 0.00	24.84 -0.58 0.00	23.54 -0.53 0.00	25.40 -0.68 0.00	25.11 -0.59 0.00	27.05 -0.61 0.00	27.42 -0.53 0.00	29.08 -0.53 0.00	32.69 -0.50 0.00	34.62 -0.42 0.00	39.67 -0.32 0.00	39.98 -0.36 0.00	36.80 -0.26 0.00	31.66 -0.32 0.00	27.91 -0.31 0.00
FREEPORT_EQUS_GT1 23764	30.03 0.66 -22.65	29.80 1.01 -17.26	27.03 0.92 -14.68	26.30 0.89 -14.19	24.10 0.74 -14.25	26.37 0.91 -13.65	23.93 1.01 -11.16	27.25 0.89 -16.13	30.07 1.74 -10.05	33.32 2.52 -4.60	40.36 2.57 -12.37	42.64 2.41 -16.16	42.73 2.63 -14.02	43.45 2.59 -15.16	42.79 2.77 -12.36	43.44 2.79 -12.69	47.13 2.99 -14.53	47.12 3.32 -10.62	47.40 3.33 -9.04	48.18 3.68 -4.52	47.96 3.83 -3.77	43.56 3.45 -3.06	34.90 2.91 -0.01	30.60 2.37 0.00
FREEPORT___CT2 23818	30.03 0.66 -22.65	29.80 1.01 -17.26	27.03 0.92 -14.68	26.30 0.89 -14.19	24.10 0.74 -14.25	26.37 0.91 -13.65	23.93 1.01 -11.16	27.25 0.89 -16.13	30.07 1.74 -10.05	33.32 2.52 -4.60	40.36 2.57 -12.37	42.64 2.41 -16.16	42.73 2.63 -14.02	43.45 2.59 -15.16	42.79 2.77 -12.36	43.44 2.79 -12.69	47.13 2.99 -14.53	47.12 3.32 -10.62	47.40 3.33 -9.04	48.18 3.68 -4.52	47.96 3.83 -3.77	43.56 3.45 -3.06	34.90 2.91 -0.01	30.60 2.37 0.00
FRESHKLS_33_KV_LOAD 356253	29.93 0.56 -22.65	29.70 0.91 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.07 0.71 -14.25	26.35 0.89 -13.65	23.85 0.93 -11.15	27.16 0.80 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.63 1.96 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.81 2.62 0.00	37.56 2.52 0.00	42.78 2.80 0.00	43.25 2.91 0.00	39.73 2.67 0.00	34.16 2.18 0.00	30.29 2.06 -0.01
FULTON COGEN____ 23766	8.60 -0.11 -1.98	12.88 -0.16 -1.51	12.57 -0.16 -1.29	12.31 -0.16 -1.24	10.23 -0.13 -1.25	12.85 -0.15 -1.20	12.60 -0.14 -0.98	11.53 -0.11 -1.41	18.89 -0.27 -0.88	26.21 -0.39 -0.40	25.67 -0.38 -0.63	24.49 -0.39 -0.80	26.35 -0.39 -0.67	25.81 -0.41 -0.52	27.52 -0.50 -0.36	27.80 -0.50 -0.35	29.31 -0.53 -0.23	32.56 -0.63 0.00	34.44 -0.60 0.00	39.31 -0.68 0.00	39.78 -0.56 0.00	36.50 -0.56 0.00	31.50 -0.48 0.00	27.74 -0.48 0.00
FULTON___LFGE 323630	35.62 0.37 -28.53	33.92 0.65 -21.75	30.57 0.64 -18.49	29.73 0.63 -17.88	27.57 0.50 -17.95	29.68 0.67 -17.20	26.48 0.66 -14.06	31.12 0.56 -20.32	31.93 0.99 -12.67	33.31 1.31 -5.80	35.67 1.22 -9.03	36.79 1.16 -11.56	36.93 1.28 -9.58	34.31 1.13 -7.49	34.12 1.27 -5.19	34.28 1.23 -5.10	34.37 1.42 -3.33	34.91 1.72 0.00	36.96 1.93 0.00	42.34 2.36 0.00	42.85 2.50 0.00	39.39 2.34 0.00	33.93 1.95 0.00	29.83 1.61 0.00
G.F.CEMENT___DRP 24184	33.80 0.43 -26.65	32.61 0.76 -20.32	29.47 0.76 -17.27	28.67 0.74 -16.71	26.47 0.58 -16.77	28.66 0.78 -16.07	25.67 0.78 -13.13	29.89 0.68 -18.98	31.39 1.28 -11.83	33.53 1.91 -5.42	35.61 1.75 -8.43	36.51 1.64 -10.80	36.75 1.72 -8.95	34.23 1.54 -6.99	34.16 1.66 -4.84	34.36 1.65 -4.76	34.71 1.98 -3.11	35.41 2.22 0.00	37.46 2.42 0.00	42.82 2.84 0.00	43.29 2.95 0.00	39.80 2.74 0.00	34.25 2.27 0.00	30.17 1.95 0.00
GARDENVILLE___LBMP 24039	6.16 -0.71 -0.15	9.53 -1.05 0.95	9.24 -1.03 1.17	9.08 -1.00 1.14	10.74 -0.85 -2.47	9.81 -1.07 0.93	9.58 -1.02 1.16	7.55 -0.83 1.86	12.51 -1.28 4.49	17.42 -1.78 7.00	17.15 -1.78 6.50	19.25 -1.68 3.13	18.59 -1.80 5.68	22.72 -2.34 0.64	24.67 -2.57 0.42	24.86 -2.68 0.41	26.57 -2.67 0.38	30.43 -2.75 0.00	32.02 -3.01 0.00	36.47 -3.52 0.00	37.28 -3.07 0.00	34.20 -2.85 0.00	30.19 -1.79 0.00	25.99 -2.23 0.00
GARDNVLA_35_KV_LD 355827	6.80 -0.70 -0.77	10.18 -1.05 0.30	9.84 -1.04 0.56	9.67 -1.01 0.55	10.74 -0.85 -2.48	10.34 -1.09 0.39	10.09 -1.02 0.65	8.32 -0.83 1.09	13.55 -1.26 3.47	18.75 -1.73 5.72	18.47 -1.73 5.23	20.05 -1.66 2.36	19.80 -1.75 4.53	23.02 -2.31 0.36	24.91 -2.52 0.23	25.07 -2.66 0.23	26.80 -2.58 0.24	30.53 -2.65 0.00	32.09 -2.94 0.00	36.55 -3.44 0.00	37.36 -2.99 0.00	34.28 -2.78 0.00	30.29 -1.69 0.00	26.05 -2.17 0.00
GELCKHM___115KV_LOAD 80723	8.93 -0.05 -2.25	13.19 -0.06 -1.72	12.84 -0.06 -1.46	12.59 -0.04 -1.41	10.49 -0.05 -1.42	13.12 -0.05 -1.36	12.84 -0.04 -1.11	11.82 -0.02 -1.61	19.19 -0.09 -1.00	26.52 -0.13 -0.46	26.01 -0.13 -0.71	24.84 -0.14 -0.91	26.70 -0.13 -0.76	26.13 -0.15 -0.59	27.87 -0.19 -0.41	28.13 -0.22 -0.40	29.64 -0.24 -0.26	32.92 -0.27 0.00	34.76 -0.28 0.00	39.71 -0.28 0.00	40.18 -0.16 0.00	36.87 -0.19 0.00	31.82 -0.16 0.00	28.00 -0.23 0.00
GENERAL___MILLS 23808	6.62 -0.71 -0.60	10.01 -1.05 0.47	9.68 -1.04 0.72	9.50 -1.01 0.71	10.74 -0.85 -2.47	10.19 -1.09 0.53	9.94 -1.04 0.79	8.10 -0.84 1.30	13.27 -1.26 3.75	18.38 -1.76 6.07	18.12 -1.73 5.57	19.84 -1.66 2.57	19.48 -1.75 4.84	22.89 -2.36 0.44	24.80 -2.57 0.28	24.96 -2.71 0.28	26.70 -2.64 0.28	30.46 -2.72 0.00	32.02 -3.01 0.00	36.51 -3.48 0.00	37.32 -3.03 0.00	34.24 -2.82 0.00	30.22 -1.76 0.00	26.02 -2.20 0.00
GE_PLASTICS___DRP 24183	32.69 0.22 -25.74	31.56 0.40 -19.63	28.53 0.40 -16.69	27.75 0.39 -16.14	25.64 0.32 -16.20	27.75 0.41 -15.52	24.86 0.41 -12.68	28.93 0.36 -18.34	30.30 0.59 -11.43	32.30 0.86 -5.23	34.41 0.84 -8.15	35.30 0.79 -10.43	35.56 0.83 -8.65	33.27 0.82 -6.76	33.20 0.86 -4.68	33.42 0.87 -4.60	33.54 0.92 -3.00	34.21 1.03 0.00	36.02 0.98 0.00	41.10 1.12 0.00	41.52 1.17 0.00	38.17 1.11 0.00	32.97 0.99 0.00	29.27 1.04 0.00
GILBOA___1 23756	28.01 0.24 -21.04	28.02 0.45 -16.04	25.54 0.46 -13.64	24.86 0.45 -13.19	22.72 0.36 -13.24	24.97 0.47 -12.69	22.58 0.45 -10.37	25.61 0.39 -14.99	28.34 0.71 -9.34	31.50 1.02 -4.28	33.07 0.99 -6.66	33.54 0.94 -8.53	34.16 1.02 -7.07	32.19 0.98 -5.52	32.51 1.02 -3.83	32.75 1.03 -3.76	33.17 1.10 -2.46	34.41 1.23 0.00	36.23 1.19 0.00	41.30 1.32 0.00	41.80 1.45 0.00	38.35 1.30 0.00	33.10 1.12 0.00	29.21 0.99 0.00
GILBOA___2 23757	28.01 0.24 -21.04	28.02 0.45 -16.04	25.54 0.46 -13.64	24.86 0.45 -13.19	22.72 0.36 -13.24	24.97 0.47 -12.69	22.58 0.45 -10.37	25.61 0.39 -14.99	28.34 0.71 -9.34	31.50 1.02 -4.28	33.07 0.99 -6.66	33.54 0.94 -8.53	34.16 1.02 -7.07	32.19 0.98 -5.52	32.51 1.02 -3.83	32.75 1.03 -3.76	33.17 1.10 -2.46	34.41 1.23 0.00	36.23 1.19 0.00	41.30 1.32 0.00	41.80 1.45 0.00	38.35 1.30 0.00	33.10 1.12 0.00	29.21 0.99 0.00
GILBOA___3 23758	28.01 0.24 -21.04	28.02 0.45 -16.04	25.54 0.46 -13.64	24.86 0.45 -13.19	22.72 0.36 -13.24	24.97 0.47 -12.69	22.58 0.45 -10.37	25.61 0.39 -14.99	28.34 0.71 -9.34	31.50 1.02 -4.28	33.07 0.99 -6.66	33.54 0.94 -8.53	34.16 1.02 -7.07	32.19 0.98 -5.52	32.51 1.02 -3.83	32.75 1.03 -3.76	33.17 1.10 -2.46	34.41 1.23 0.00	36.23 1.19 0.00	41.30 1.32 0.00	41.80 1.45 0.00	38.35 1.30 0.00	33.10 1.12 0.00	29.21 0.99 0.00

GILBOA___4 23759	28.01 0.24 -21.04	28.02 0.45 -16.04	25.54 0.46 -13.64	24.86 0.45 -13.19	22.72 0.36 -13.24	24.97 0.47 -12.69	22.58 0.45 -10.37	25.61 0.39 -14.99	28.34 0.71 -9.34	31.50 1.02 -4.28	33.07 0.99 -6.66	33.54 0.94 -8.53	34.16 1.02 -7.07	32.19 0.98 -5.52	32.51 1.02 -3.83	32.75 1.03 -3.76	33.17 1.10 -2.46	34.41 1.23 0.00	36.23 1.19 0.00	41.30 1.32 0.00	41.80 1.45 0.00	38.35 1.30 0.00	33.10 1.12 0.00	29.21 0.99 0.00
GILBOA____ 23599	28.01 0.24 -21.04	28.02 0.45 -16.04	25.54 0.46 -13.64	24.86 0.45 -13.19	22.72 0.36 -13.24	24.97 0.47 -12.69	22.58 0.45 -10.37	25.61 0.39 -14.99	28.34 0.71 -9.34	31.50 1.02 -4.28	33.07 0.99 -6.66	33.54 0.94 -8.53	34.16 1.02 -7.07	32.19 0.98 -5.52	32.51 1.02 -3.83	32.75 1.03 -3.76	33.17 1.10 -2.46	34.41 1.23 0.00	36.23 1.19 0.00	41.30 1.32 0.00	41.80 1.45 0.00	38.35 1.30 0.00	33.10 1.12 0.00	29.27 1.04 0.00
GINNA____ 23603	9.01 -0.49 -2.77	12.89 -0.75 -2.12	12.50 -0.74 -1.80	12.24 -0.72 -1.74	10.27 -0.59 -1.75	12.72 -0.77 -1.67	12.40 -0.73 -1.37	11.61 -0.60 -1.98	18.12 -1.39 -1.23	24.87 -1.89 -0.56	24.42 -1.88 -0.88	23.39 -1.81 -1.12	25.10 -1.90 -0.93	24.78 -1.65 -0.73	26.42 -1.74 -0.50	26.63 -1.82 -0.50	27.90 -2.04 -0.32	31.03 -2.16 0.00	32.69 -2.35 0.00	37.31 -2.68 0.00	37.88 -2.46 0.00	34.76 -2.30 0.00	30.19 -1.79 0.00	26.50 -1.72 0.00
GLEN PARK____ 23778	8.12 0.01 -1.38	12.54 -0.05 -1.06	12.30 -0.03 -0.90	12.05 -0.04 -0.87	9.96 -0.03 -0.87	12.62 -0.02 -0.84	12.41 -0.04 -0.68	11.21 -0.01 -0.99	18.71 -0.18 -0.61	26.11 -0.37 -0.28	25.48 -0.38 -0.44	24.25 -0.39 -0.56	26.23 -0.31 -0.47	25.47 -0.59 -0.36	27.25 -0.66 -0.25	27.50 -0.70 -0.25	29.21 -0.56 -0.16	32.72 -0.46 0.00	35.35 0.31 0.00	40.66 0.68 0.00	41.39 1.05 0.00	38.06 1.00 0.00	32.59 0.61 0.00	28.65 0.42 0.00
GLENDALE_27_KV_LOAD 356172	29.90 0.54 -22.64	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.70 -14.25	26.35 0.89 -13.65	23.85 0.93 -11.15	27.17 0.81 -16.13	29.83 1.50 -10.05	32.92 2.12 -4.60	34.60 2.01 -7.16	35.12 1.88 -9.17	35.76 2.09 -7.60	33.72 2.08 -5.94	33.99 2.21 -4.12	34.23 2.24 -4.04	34.63 2.37 -2.64	35.84 2.65 0.00	37.56 2.52 0.00	42.74 2.76 0.00	43.25 2.90 0.00	39.69 2.63 0.00	34.12 2.14 0.00	30.43 2.20 0.00
GLENWOOD_IC_1_G5 23712	29.94 0.58 -22.64	29.69 0.90 -17.26	26.97 0.86 -14.68	26.25 0.83 -14.19	24.06 0.69 -14.25	26.32 0.86 -13.65	23.87 0.95 -11.16	27.20 0.84 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.42 2.19 -16.16	42.52 2.42 -14.02	43.24 2.39 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.84 2.70 -14.53	46.79 2.99 -10.62	47.02 2.94 -9.04	47.78 3.28 -4.52	47.51 3.39 -3.77	43.19 3.08 -3.06	34.51 2.53 0.00	30.48 2.26 0.00
GLENWOOD_IC_2_G1 23688	29.91 0.54 -22.65	29.64 0.85 -17.26	26.94 0.82 -14.68	26.21 0.80 -14.19	24.02 0.66 -14.25	26.29 0.83 -13.65	23.82 0.91 -11.16	27.16 0.80 -16.13	29.85 1.52 -10.05	32.97 2.17 -4.60	39.96 2.16 -12.37	42.25 2.02 -16.16	42.31 2.22 -14.02	43.06 2.21 -15.16	42.37 2.35 -12.36	43.02 2.37 -12.69	46.66 2.52 -14.53	46.59 2.79 -10.62	46.81 2.73 -9.04	47.50 3.00 -4.52	47.27 3.15 -3.77	42.93 2.81 -3.06	34.29 2.30 -0.01	30.20 1.98 0.00
GLENWOOD_IC_3_G1 23689	29.91 0.54 -22.65	29.64 0.85 -17.26	26.94 0.82 -14.68	26.21 0.80 -14.19	24.02 0.66 -14.25	26.29 0.83 -13.65	23.82 0.91 -11.16	27.16 0.80 -16.13	29.85 1.52 -10.05	32.97 2.17 -4.60	39.96 2.16 -12.37	42.25 2.02 -16.16	42.31 2.22 -14.02	43.06 2.21 -15.16	42.37 2.35 -12.36	43.02 2.37 -12.69	46.66 2.52 -14.53	46.59 2.79 -10.62	46.81 2.73 -9.04	47.50 3.00 -4.52	47.27 3.15 -3.77	42.93 2.81 -3.06	34.29 2.30 -0.01	30.20 1.98 0.00
GLENWOOD___4 23550	29.94 0.58 -22.64	29.69 0.90 -17.26	26.97 0.86 -14.68	26.25 0.83 -14.19	24.06 0.69 -14.25	26.32 0.86 -13.65	23.87 0.95 -11.16	27.20 0.84 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.42 2.19 -16.16	42.52 2.42 -14.02	43.24 2.39 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.84 2.70 -14.53	46.79 2.99 -10.62	47.02 2.94 -9.04	47.78 3.28 -4.52	47.51 3.39 -3.77	43.19 3.08 -3.06	34.51 2.53 0.00	30.48 2.26 0.00
GLENWOOD___5 23614	29.94 0.58 -22.64	29.69 0.90 -17.26	26.97 0.86 -14.68	26.25 0.83 -14.19	24.06 0.69 -14.25	26.32 0.86 -13.65	23.87 0.95 -11.16	27.20 0.84 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.42 2.19 -16.16	42.52 2.42 -14.02	43.24 2.39 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.84 2.70 -14.53	46.79 2.99 -10.62	47.02 2.94 -9.04	47.78 3.28 -4.52	47.51 3.39 -3.77	43.19 3.08 -3.06	34.51 2.53 0.00	30.48 2.26 0.00
GLOBAL GREEN_PORT_GT1 23814	30.13 0.76 -22.65	29.86 1.07 -17.26	26.98 0.87 -14.68	26.23 0.82 -14.19	24.07 0.70 -14.25	26.30 0.84 -13.65	23.89 0.98 -11.16	27.27 0.91 -16.13	30.18 1.85 -10.05	33.50 2.70 -4.60	40.64 2.85 -12.37	42.74 2.50 -16.16	42.83 2.74 -14.02	43.55 2.70 -15.16	42.95 2.93 -12.36	43.61 2.96 -12.69	47.40 3.26 -14.53	47.26 3.45 -10.62	47.58 3.50 -9.04	48.50 4.00 -4.52	48.19 4.07 -3.77	43.75 3.63 -3.06	35.09 3.10 -0.01	30.68 2.45 0.00
GLOBE___DSASP 323697	7.05 -0.67 -0.99	10.58 -0.96 -0.01	10.25 -0.95 0.25	10.06 -0.92 0.24	10.52 -0.89 -2.30	10.69 -1.00 0.12	10.44 -0.94 0.38	8.77 -0.79 0.67	13.76 -1.76 2.77	18.93 -2.51 4.75	18.66 -2.47 4.30	19.84 -2.38 1.85	19.81 -2.56 3.71	23.14 -2.34 0.22	24.54 -2.99 0.13	24.58 -3.24 0.13	25.84 -3.61 0.16	29.47 -3.72 0.00	30.90 -4.13 0.00	35.07 -4.92 0.00	35.83 -4.52 0.00	32.94 -4.11 0.00	29.26 -2.72 0.00	25.40 -2.82 0.00
GOETHSLN___LBMP 323567	29.83 0.46 -22.64	29.53 0.75 -17.25	26.86 0.76 -14.67	26.15 0.74 -14.18	23.95 0.59 -14.24	26.22 0.77 -13.64	23.75 0.84 -11.15	27.09 0.74 -16.12	29.70 1.37 -10.04	32.70 1.91 -4.60	34.41 1.83 -7.16	34.94 1.71 -9.17	35.57 1.90 -7.60	33.53 1.90 -5.93	33.79 2.02 -4.11	34.03 2.04 -4.04	34.41 2.16 -2.63	35.57 2.39 0.01	37.34 2.31 0.01	42.50 2.52 0.01	42.96 2.62 0.01	39.38 2.33 0.01	33.87 1.89 0.00	30.12 1.89 0.00
GOLAH___69_KV_TB 1_2 80279	8.96 -0.30 -2.53	12.99 -0.37 -1.83	12.60 -0.35 -1.52	12.35 -0.34 -1.47	10.65 -0.29 -1.83	12.87 -0.37 -1.43	12.56 -0.33 -1.13	11.58 -0.27 -1.61	18.09 -0.86 -0.67	24.81 -1.21 0.18	24.33 -1.25 -0.15	23.53 -1.25 -0.71	25.03 -1.33 -0.28	25.16 -1.13 -0.60	26.83 -1.24 -0.42	27.05 -1.31 -0.41	28.36 -1.51 -0.26	31.76 -1.43 0.00	33.46 -1.58 0.00	38.27 -1.72 0.00	38.93 -1.41 0.00	35.76 -1.30 0.00	31.24 -0.74 0.00	27.15 -1.07 0.00
GOODYEAR_LAKE_HYD 323669	15.27 0.28 -8.27	18.31 0.48 -6.30	17.29 0.49 -5.36	16.89 0.48 -5.18	14.71 0.39 -5.20	17.31 0.52 -4.98	16.34 0.51 -4.07	16.58 0.46 -5.89	22.81 0.86 -3.67	29.08 1.21 -1.68	29.26 1.22 -2.62	28.60 1.18 -3.35	30.18 1.33 -2.78	29.05 1.18 -2.17	30.46 1.30 -1.50	30.69 1.26 -1.48	31.97 1.39 -0.96	34.65 1.46 0.00	36.47 1.44 0.00	41.62 1.64 0.00	42.16 1.82 0.00	38.72 1.67 0.00	33.32 1.34 0.00	29.38 1.16 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	14.86 0.03 -8.10	17.81 0.10 -6.18	16.81 0.11 -5.25	16.41 0.11 -5.08	14.30 0.08 -5.10	16.82 0.13 -4.89	15.88 0.13 -3.99	16.14 0.13 -5.77	22.17 0.29 -3.60	28.26 0.42 -1.65	28.37 0.38 -2.56	27.69 0.34 -3.28	29.19 0.39 -2.72	28.00 0.18 -2.13	29.30 0.17 -1.47	29.57 0.17 -1.45	30.83 0.27 -0.95	33.48 0.30 0.00	35.35 0.32 0.00	40.35 0.36 0.00	40.87 0.52 0.00	37.54 0.48 0.00	32.43 0.45 0.00	28.51 0.28 0.00
GOUDEY___7 23579	14.86 0.03 -8.10	17.81 0.10 -6.18	16.81 0.11 -5.25	16.41 0.11 -5.08	14.30 0.08 -5.10	16.82 0.13 -4.89	15.88 0.13 -3.99	16.14 0.13 -5.77	22.17 0.29 -3.60	28.26 0.42 -1.65	28.37 0.38 -2.56	27.69 0.34 -3.28	29.19 0.39 -2.72	28.00 0.18 -2.13	29.30 0.17 -1.47	29.57 0.17 -1.45	30.83 0.27 -0.95	33.48 0.30 0.00	35.35 0.32 0.00	40.35 0.36 0.00	40.87 0.52 0.00	37.54 0.48 0.00	32.43 0.45 0.00	28.51 0.28 0.00
GOUDEY___8 23580	14.86 0.03 -8.10	17.81 0.10 -6.18	16.81 0.11 -5.25	16.41 0.11 -5.08	14.30 0.08 -5.10	16.82 0.13 -4.89	15.88 0.13 -3.99	16.14 0.13 -5.77	22.17 0.29 -3.60	28.26 0.42 -1.65	28.37 0.38 -2.56	27.69 0.34 -3.28	29.19 0.39 -2.72	28.00 0.18 -2.13	29.30 0.17 -1.47	29.57 0.17 -1.45	30.83 0.27 -0.95	33.48 0.30 0.00	35.35 0.32 0.00	40.35 0.36 0.00	40.87 0.52 0.00	37.54 0.48 0.00	32.43 0.45 0.00	28.51 0.28 0.00
GOWANUS_GT1_1 24077	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT1_2 24078	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT1_3 24079	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT1_4 24080	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT1_5 24084	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT1_6 24111	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT1_7 24112	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT1_8 24113	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT2_1 24114	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT2_2 24115	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT2_3 24116	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT2_4 24117	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01

GOWANUS_GT2_5 24118	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT2_6 24119	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT2_7 24120	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT2_8 24121	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT3_1 24122	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT3_2 24123	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT3_3 24124	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT3_4 24125	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT3_5 24126	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT3_6 24127	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT3_7 24128	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT3_8 24129	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
GOWANUS_GT4_1 24130	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT4_2 24131	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT4_3 24132	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01

GOWANUS_GT4_4 24133	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT4_5 24134	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT4_6 24135	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT4_7 24136	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GOWANUS_GT4_8 24137	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GREENBSH_115KV_TB3 55895	32.83 0.23 -25.88	31.68 0.42 -19.73	28.63 0.41 -16.78	27.85 0.40 -16.23	25.73 0.33 -16.29	27.84 0.43 -15.61	24.94 0.42 -12.75	29.04 0.37 -18.44	30.34 0.57 -11.49	32.30 0.84 -5.26	34.43 0.81 -8.19	35.33 0.77 -10.49	35.60 0.83 -8.69	33.28 0.80 -6.79	33.22 0.86 -4.71	33.44 0.87 -4.62	33.52 0.89 -3.02	34.18 1.00 0.00	35.98 0.95 0.00	41.02 1.04 0.00	41.48 1.13 0.00	38.13 1.07 0.00	32.97 0.99 0.00	29.32 1.10 0.00
GREENDGE_115KV_TB5 80291	15.23 -0.11 -8.62	19.08 -0.13 -7.68	18.22 -0.13 -6.91	17.80 -0.11 -6.69	11.95 -0.11 -2.94	17.99 -0.08 -6.26	17.25 -0.05 -5.53	18.40 -0.02 -8.19	26.77 -0.09 -8.58	35.16 -0.13 -9.09	34.78 -0.20 -9.56	30.66 -0.24 -6.83	34.75 -0.21 -8.88	28.23 -0.44 -2.97	29.22 -0.47 -2.03	29.50 -0.45 -2.00	30.71 -0.33 -1.42	33.02 -0.17 0.00	34.97 -0.07 0.00	40.07 0.08 0.00	40.71 0.36 0.00	37.32 0.26 0.00	32.36 0.38 0.00	28.25 0.03 0.00
GREENIDGE___3 23582	15.23 -0.11 -8.62	19.08 -0.13 -7.68	18.22 -0.13 -6.91	17.80 -0.11 -6.69	11.95 -0.11 -2.94	17.99 -0.08 -6.26	17.25 -0.05 -5.53	18.40 -0.02 -8.19	26.77 -0.09 -8.58	35.16 -0.13 -9.09	34.78 -0.20 -9.56	30.66 -0.24 -6.83	34.75 -0.21 -8.88	28.23 -0.44 -2.97	29.22 -0.47 -2.03	29.50 -0.45 -2.00	30.71 -0.33 -1.42	33.02 -0.17 0.00	34.97 -0.07 0.00	40.07 0.08 0.00	40.71 0.36 0.00	37.32 0.26 0.00	32.36 0.38 0.00	28.25 0.03 0.00
GREENIDGE___4 23583	15.23 -0.11 -8.62	19.08 -0.13 -7.68	18.22 -0.13 -6.91	17.80 -0.11 -6.69	11.95 -0.11 -2.94	17.99 -0.08 -6.26	17.25 -0.05 -5.53	18.40 -0.02 -8.19	26.78 -0.09 -8.58	35.16 -0.13 -9.09	34.78 -0.20 -9.56	30.66 -0.24 -6.83	34.72 -0.24 -8.88	28.20 -0.46 -2.97	29.22 -0.47 -2.03	29.50 -0.45 -2.00	30.71 -0.33 -1.42	33.02 -0.17 0.00	34.97 -0.07 0.00	40.07 0.08 0.00	40.71 0.36 0.00	37.32 0.26 0.00	32.39 0.41 0.00	28.45 0.22 0.00
GREENLWN_69_KV_BK 3 55738	30.00 0.64 -22.64	29.74 0.95 -17.26	26.97 0.86 -14.68	26.23 0.82 -14.19	24.07 0.70 -14.25	26.30 0.84 -13.65	23.89 0.98 -11.16	27.21 0.85 -16.13	29.98 1.65 -10.05	33.18 2.38 -4.60	40.21 2.42 -12.37	42.50 2.26 -16.16	42.57 2.48 -14.02	43.29 2.44 -15.16	42.65 2.63 -12.36	43.30 2.66 -12.69	46.99 2.84 -14.53	46.99 3.19 -10.62	47.19 3.12 -9.04	47.94 3.44 -4.52	47.71 3.59 -3.77	43.41 3.30 -3.06	34.79 2.81 0.00	30.59 2.37 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01
GRISSOM___SOLAR 323813	35.31 0.36 -28.23	33.69 0.63 -21.53	30.37 0.63 -18.30	29.53 0.61 -17.70	27.37 0.48 -17.77	29.48 0.65 -17.02	26.32 0.65 -13.91	30.89 0.54 -20.11	31.77 0.95 -12.53	33.19 1.26 -5.74	35.55 1.20 -8.93	36.62 1.11 -11.44	36.78 1.23 -9.48	34.18 1.08 -7.41	34.01 1.22 -5.13	34.20 1.20 -5.04	34.30 1.39 -3.29	34.88 1.69 0.00	36.93 1.89 0.00	42.26 2.28 0.00	42.77 2.42 0.00	39.32 2.26 0.00	33.87 1.89 0.00	29.80 1.58 0.00
GROVEVILLE___HYD 323602	29.94 0.46 -22.76	29.65 0.77 -17.35	26.96 0.77 -14.75	26.24 0.75 -14.27	24.06 0.62 -14.32	26.33 0.80 -13.72	23.81 0.84 -11.21	27.18 0.74 -16.21	29.77 1.39 -10.10	32.81 1.99 -4.63	34.56 1.93 -7.20	35.12 1.83 -9.22	35.67 1.96 -7.64	33.57 1.90 -5.97	33.81 2.02 -4.14	34.06 2.04 -4.07	34.43 2.16 -2.65	35.58 2.39 0.00	37.42 2.38 0.00	42.62 2.64 0.00	43.17 2.82 0.00	39.69 2.63 0.00	34.09 2.11 0.00	30.17 1.95 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	9.24 0.00 -2.51	13.47 0.02 -1.92	13.09 0.02 -1.63	12.83 0.03 -1.57	10.70 0.01 -1.58	13.36 0.04 -1.51	13.05 0.05 -1.24	12.08 0.05 -1.79	19.43 0.04 -1.12	26.79 0.08 -0.51	26.27 0.05 -0.79	25.14 0.05 -1.02	27.00 0.08 -0.84	26.38 0.03 -0.66	28.12 0.00 -0.46	28.37 -0.03 -0.45	29.91 0.00 -0.29	33.15 -0.03 0.00	35.00 -0.04 0.00	39.99 0.00 0.00	40.47 0.12 0.00	37.13 0.07 0.00	32.08 0.10 0.00	28.22 0.00 0.00
HAMLTNNY_34_KV_TB 80303	9.39 -0.01 -2.67	13.59 0.02 -2.03	13.19 0.02 -1.73	12.93 0.03 -1.67	10.80 0.01 -1.68	13.45 0.04 -1.61	13.14 0.06 -1.31	12.19 0.05 -1.90	19.49 0.02 -1.18	26.79 0.05 -0.54	26.27 0.00 -0.84	25.15 0.00 -1.08	27.00 0.03 -0.90	26.37 -0.03 -0.70	28.09 -0.06 -0.49	28.37 -0.06 -0.48	29.87 -0.06 -0.31	33.12 -0.07 0.00	35.00 -0.04 0.00	39.99 0.00 0.00	40.51 0.16 0.00	37.17 0.11 0.00	32.11 0.13 0.00	28.22 0.00 0.00

HAMPSHIRE___PAPER_HYD 323593	7.28 -0.17 -0.72	11.71 -0.37 -0.55	11.54 -0.37 -0.47	11.30 -0.37 -0.45	9.30 -0.27 -0.45	11.87 -0.38 -0.44	11.73 -0.39 -0.36	10.41 -0.34 -0.51	17.93 -0.68 -0.32	25.32 -1.02 -0.15	24.66 -0.99 -0.23	23.42 -0.94 -0.29	25.27 -1.04 -0.24	24.81 -1.08 -0.19	26.60 -1.19 -0.13	26.88 -1.20 -0.13	28.48 -1.22 -0.08	31.99 -1.19 0.00	34.48 -0.56 0.00	39.59 -0.40 0.00	40.02 -0.32 0.00	36.91 -0.15 0.00	31.69 -0.29 0.00	27.91 -0.31 0.00
HARDSCRABBLE_WT_PWR 323673	6.51 -0.22 0.00	11.14 -0.39 0.00	11.06 -0.38 0.00	10.85 -0.37 0.00	8.82 -0.29 0.00	11.43 -0.38 0.00	11.38 -0.39 0.00	9.91 -0.33 0.00	17.68 -0.60 0.00	25.33 -0.86 0.00	24.66 -0.76 0.00	23.40 -0.67 0.00	25.37 -0.70 0.00	24.98 -0.72 0.00	26.97 -0.69 0.00	27.09 -0.87 0.00	28.76 -0.86 0.00	32.22 -0.96 0.00	34.09 -0.94 0.00	39.03 -0.96 0.00	39.54 -0.81 0.00	36.43 -0.63 0.00	31.66 -0.32 0.00	28.08 -0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.06 0.44 -21.89	28.95 0.74 -16.69	26.36 0.73 -14.19	25.66 0.72 -13.72	23.48 0.59 -13.78	25.78 0.77 -13.20	23.35 0.80 -10.78	26.53 0.71 -15.59	29.32 1.32 -9.72	32.53 1.89 -4.45	34.18 1.83 -6.93	34.67 1.73 -8.87	35.28 1.85 -7.35	33.26 1.82 -5.74	33.57 1.94 -3.98	33.82 1.96 -3.91	34.24 2.07 -2.55	35.48 2.29 0.00	37.28 2.24 0.00	42.46 2.48 0.00	43.01 2.66 0.00	39.50 2.45 0.00	33.93 1.95 0.00	30.06 1.83 0.00
HARSNRAD_115KV_TB1 81005	7.02 -0.71 -1.01	10.65 -0.92 -0.05	10.33 -0.90 0.21	10.14 -0.88 0.21	10.59 -0.77 -2.25	10.77 -0.96 0.08	10.52 -0.91 0.34	8.88 -0.74 0.62	14.08 -1.55 2.65	19.41 -2.23 4.56	19.10 -2.21 4.11	20.17 -2.14 1.76	20.21 -2.32 3.54	22.98 -2.52 0.20	24.80 -2.74 0.12	24.90 -2.93 0.12	26.30 -3.17 0.15	30.00 -3.19 0.00	31.50 -3.54 0.00	35.83 -4.16 0.00	36.63 -3.71 0.00	33.65 -3.41 0.00	29.81 -2.17 0.00	25.63 -2.60 0.00
HARZA MOOSE___RIVER 24016	7.71 -0.04 -1.03	12.19 -0.13 -0.79	11.99 -0.11 -0.67	11.76 -0.11 -0.65	9.68 -0.08 -0.65	12.32 -0.11 -0.62	12.15 -0.12 -0.51	10.89 -0.08 -0.73	18.52 -0.22 -0.46	26.04 -0.37 -0.21	25.39 -0.36 -0.33	24.15 -0.34 -0.42	26.08 -0.34 -0.35	25.50 -0.46 -0.27	27.35 -0.50 -0.19	27.60 -0.53 -0.18	29.26 -0.47 -0.12	32.75 -0.43 0.00	35.49 0.46 0.00	40.70 0.72 0.00	41.27 0.93 0.00	37.95 0.89 0.00	32.59 0.61 0.00	28.70 0.48 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	8.97 -0.05 -2.29	13.23 -0.05 -1.74	12.88 -0.05 -1.48	12.61 -0.04 -1.43	10.51 -0.05 -1.44	13.14 -0.05 -1.38	12.86 -0.04 -1.13	11.84 -0.02 -1.63	19.21 -0.09 -1.02	26.56 -0.10 -0.47	26.02 -0.13 -0.72	24.88 -0.12 -0.93	26.74 -0.10 -0.77	26.14 -0.15 -0.60	27.88 -0.19 -0.42	28.16 -0.20 -0.41	29.68 -0.21 -0.27	32.92 -0.27 0.00	34.79 -0.25 0.00	39.71 -0.28 0.00	40.18 -0.16 0.00	36.87 -0.19 0.00	31.85 -0.13 0.00	28.03 -0.20 0.00
HELLGATE_13_KV_LD 55870	29.93 0.56 -22.64	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.09 0.72 -14.25	26.36 0.90 -13.65	23.85 0.93 -11.15	27.16 0.80 -16.13	29.81 1.48 -10.05	32.92 2.12 -4.60	34.57 1.98 -7.16	35.10 1.85 -9.17	35.74 2.06 -7.60	33.72 2.08 -5.94	33.99 2.21 -4.12	34.23 2.24 -4.04	34.63 2.37 -2.64	35.81 2.62 0.00	37.56 2.52 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.51 2.29 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.93 0.56 -22.64	29.71 0.92 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.09 0.72 -14.25	26.36 0.90 -13.65	23.85 0.93 -11.15	27.16 0.80 -16.13	29.81 1.48 -10.05	32.92 2.12 -4.60	34.57 1.98 -7.16	35.10 1.85 -9.17	35.74 2.06 -7.60	33.72 2.08 -5.94	33.99 2.21 -4.12	34.23 2.24 -4.04	34.63 2.37 -2.64	35.81 2.62 0.00	37.56 2.52 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.51 2.29 0.00
HEMPSTEAD___ 23647	29.96 0.59 -22.65	29.70 0.91 -17.26	26.95 0.83 -14.68	26.22 0.81 -14.19	24.04 0.67 -14.25	26.29 0.83 -13.65	23.85 0.93 -11.16	27.18 0.82 -16.13	29.91 1.57 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.42 2.19 -16.16	42.49 2.40 -14.02	43.21 2.36 -15.16	42.54 2.52 -12.36	43.19 2.54 -12.69	46.87 2.72 -14.53	46.83 3.02 -10.62	47.05 2.98 -9.04	47.78 3.28 -4.52	47.55 3.43 -3.77	43.19 3.07 -3.06	34.58 2.59 -0.01	30.34 2.12 0.00
HICKLING___1 23621	14.11 -0.18 -7.56	17.53 -0.23 -6.23	16.67 -0.23 -5.46	16.29 -0.21 -5.28	12.64 -0.19 -3.72	16.63 -0.19 -5.01	15.88 -0.15 -4.27	16.38 -0.10 -6.25	23.58 -0.05 -5.35	30.79 -0.03 -4.62	30.61 -0.08 -5.26	28.41 -0.12 -4.46	31.08 -0.05 -5.05	27.46 -0.51 -2.28	28.65 -0.58 -1.57	28.96 -0.53 -1.54	30.35 -0.33 -1.06	32.92 -0.27 0.00	34.83 -0.21 0.00	39.87 -0.12 0.00	40.55 0.20 0.00	37.20 0.15 0.00	32.36 0.38 0.00	28.20 -0.03 0.00
HICKLING___2 23622	14.11 -0.18 -7.56	17.53 -0.23 -6.23	16.67 -0.23 -5.46	16.29 -0.21 -5.28	12.64 -0.19 -3.72	16.63 -0.19 -5.01	15.88 -0.15 -4.27	16.38 -0.10 -6.25	23.58 -0.05 -5.35	30.79 -0.03 -4.62	30.61 -0.08 -5.26	28.41 -0.12 -4.46	31.08 -0.05 -5.05	27.46 -0.51 -2.28	28.65 -0.58 -1.57	28.96 -0.53 -1.54	30.35 -0.33 -1.06	32.92 -0.27 0.00	34.83 -0.21 0.00	39.87 -0.12 0.00	40.55 0.20 0.00	37.20 0.15 0.00	32.36 0.38 0.00	28.20 -0.03 0.00
HIGH FALLS___HY 23754	29.72 0.46 -22.54	29.49 0.77 -17.19	26.82 0.77 -14.61	26.11 0.75 -14.13	23.92 0.62 -14.19	26.22 0.81 -13.59	23.72 0.85 -11.11	27.04 0.75 -16.06	29.70 1.41 -10.01	32.75 1.96 -4.58	34.44 1.88 -7.13	34.96 1.76 -9.14	35.50 1.85 -7.57	33.44 1.82 -5.92	33.69 1.94 -4.10	33.96 1.98 -4.03	34.35 2.10 -2.63	35.54 2.36 0.00	37.42 2.38 0.00	42.66 2.68 0.00	43.25 2.90 0.00	39.76 2.71 0.00	34.12 2.14 0.00	30.17 1.95 0.00
HIGH_RIVER___SOLAR 323847	34.47 0.28 -27.47	32.98 0.51 -20.94	29.75 0.50 -17.80	28.94 0.49 -17.22	26.79 0.39 -17.29	28.89 0.52 -16.56	25.80 0.51 -13.53	30.23 0.43 -19.57	31.21 0.73 -12.19	32.70 0.92 -5.59	34.93 0.81 -8.69	36.02 0.82 -11.13	36.27 0.97 -9.23	33.78 0.87 -7.21	33.62 0.97 -4.99	33.84 0.98 -4.91	33.95 1.13 -3.20	34.55 1.36 0.00	36.51 1.47 0.00	41.74 1.76 0.00	42.20 1.86 0.00	38.80 1.74 0.00	33.45 1.47 0.00	29.46 1.24 0.00
HILLBURN___GT 23639	29.24 0.46 -22.06	29.10 0.75 -16.82	26.49 0.75 -14.30	25.79 0.74 -13.83	23.60 0.60 -13.88	25.89 0.78 -13.30	23.46 0.82 -10.87	26.68 0.73 -15.71	29.43 1.35 -9.79	32.59 1.91 -4.49	34.28 1.88 -6.98	34.77 1.76 -8.94	35.39 1.90 -7.41	33.36 1.87 -5.79	33.69 2.02 -4.01	33.93 2.04 -3.94	34.35 2.16 -2.57	35.54 2.36 0.00	37.35 2.31 0.00	42.51 2.52 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.93 1.95 0.00	29.95 1.72 0.00
HILLSIDE_115KV_TB1 80332	14.24 -0.18 -7.70	17.57 -0.23 -6.27	16.68 -0.23 -5.47	16.30 -0.21 -5.29	12.86 -0.19 -3.94	16.64 -0.20 -5.03	15.85 -0.18 -4.26	16.34 -0.12 -6.23	23.36 -0.07 -5.15	30.36 -0.08 -4.24	30.22 -0.13 -4.93	28.24 -0.17 -4.33	30.71 -0.13 -4.77	27.41 -0.57 -2.28	28.62 -0.61 -1.57	28.91 -0.59 -1.54	30.25 -0.41 -1.05	32.79 -0.40 0.00	34.65 -0.39 0.00	39.63 -0.36 0.00	40.27 -0.08 0.00	36.95 -0.11 0.00	32.08 0.10 0.00	28.03 -0.20 0.00

HISHELDN_WT_PWR 323625	2.45 -0.69 3.59	5.56 -1.06 4.91	5.48 -1.04 4.92	5.43 -1.01 4.78	10.87 -0.87 -2.62	6.48 -1.07 4.25	6.45 -1.01 4.30	2.85 -0.81 6.58	5.97 -1.37 10.94	9.13 -1.91 15.16	8.97 -1.88 14.57	14.31 -1.76 8.00	11.25 -1.85 12.97	21.08 -2.29 2.33	23.66 -2.43 1.57	23.92 -2.49 1.54	25.96 -2.43 1.23	30.73 -2.46 0.00	32.41 -2.63 0.00	37.03 -2.96 0.00	37.81 -2.54 0.00	34.68 -2.37 0.00	30.54 -1.44 0.00	26.79 -1.44 0.00
HOLTSVILLE_IC_1 23690	30.08 0.71 -22.65	29.86 1.07 -17.26	27.05 0.94 -14.68	26.31 0.90 -14.19	24.13 0.77 -14.25	26.38 0.92 -13.65	23.96 1.05 -11.16	27.28 0.92 -16.13	30.13 1.79 -10.05	33.39 2.59 -4.60	40.46 2.67 -12.37	42.64 2.41 -16.16	42.73 2.63 -14.02	43.45 2.59 -15.16	42.84 2.82 -12.36	43.53 2.88 -12.69	47.25 3.11 -14.53	47.29 3.48 -10.62	47.54 3.47 -9.04	48.42 3.92 -4.52	48.15 4.03 -3.77	43.75 3.63 -3.06	35.12 3.14 -0.01	30.71 2.48 0.00
HOLTSVILLE_IC_10 23699	30.12 0.75 -22.65	29.92 1.13 -17.26	27.10 0.98 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.59 2.80 -12.37	42.76 2.53 -16.16	42.86 2.76 -14.02	43.57 2.72 -15.16	42.98 2.96 -12.36	43.67 3.02 -12.69	47.43 3.29 -14.53	47.49 3.68 -10.62	47.79 3.71 -9.04	48.70 4.20 -4.52	48.40 4.27 -3.77	43.97 3.85 -3.06	35.31 3.33 -0.01	30.85 2.63 0.00
HOLTSVILLE_IC_2 23691	30.08 0.71 -22.65	29.86 1.07 -17.26	27.05 0.94 -14.68	26.31 0.90 -14.19	24.13 0.77 -14.25	26.38 0.92 -13.65	23.96 1.05 -11.16	27.28 0.92 -16.13	30.13 1.79 -10.05	33.39 2.59 -4.60	40.46 2.67 -12.37	42.64 2.41 -16.16	42.73 2.63 -14.02	43.45 2.59 -15.16	42.84 2.82 -12.36	43.53 2.88 -12.69	47.25 3.11 -14.53	47.29 3.48 -10.62	47.54 3.47 -9.04	48.42 3.92 -4.52	48.15 4.03 -3.77	43.75 3.63 -3.06	35.12 3.14 -0.01	30.71 2.48 0.00
HOLTSVILLE_IC_3 23692	30.08 0.71 -22.65	29.86 1.07 -17.26	27.05 0.94 -14.68	26.31 0.90 -14.19	24.13 0.77 -14.25	26.38 0.92 -13.65	23.96 1.05 -11.16	27.28 0.92 -16.13	30.13 1.79 -10.05	33.39 2.59 -4.60	40.46 2.67 -12.37	42.64 2.41 -16.16	42.73 2.63 -14.02	43.45 2.59 -15.16	42.84 2.82 -12.36	43.53 2.88 -12.69	47.25 3.11 -14.53	47.29 3.48 -10.62	47.54 3.47 -9.04	48.42 3.92 -4.52	48.15 4.03 -3.77	43.75 3.63 -3.06	35.12 3.14 -0.01	30.71 2.48 0.00
HOLTSVILLE_IC_4 23693	30.08 0.71 -22.65	29.86 1.07 -17.26	27.05 0.94 -14.68	26.31 0.90 -14.19	24.13 0.77 -14.25	26.38 0.92 -13.65	23.96 1.05 -11.16	27.28 0.92 -16.13	30.13 1.79 -10.05	33.39 2.59 -4.60	40.46 2.67 -12.37	42.64 2.41 -16.16	42.73 2.63 -14.02	43.45 2.59 -15.16	42.84 2.82 -12.36	43.53 2.88 -12.69	47.25 3.11 -14.53	47.29 3.48 -10.62	47.54 3.47 -9.04	48.42 3.92 -4.52	48.15 4.03 -3.77	43.75 3.63 -3.06	35.12 3.14 -0.01	30.71 2.48 0.00
HOLTSVILLE_IC_5 23694	30.08 0.71 -22.65	29.86 1.07 -17.26	27.05 0.94 -14.68	26.31 0.90 -14.19	24.13 0.77 -14.25	26.38 0.92 -13.65	23.96 1.05 -11.16	27.28 0.92 -16.13	30.13 1.79 -10.05	33.39 2.59 -4.60	40.46 2.67 -12.37	42.64 2.41 -16.16	42.73 2.63 -14.02	43.45 2.59 -15.16	42.84 2.82 -12.36	43.53 2.88 -12.69	47.25 3.11 -14.53	47.29 3.48 -10.62	47.54 3.47 -9.04	48.42 3.92 -4.52	48.15 4.03 -3.77	43.75 3.63 -3.06	35.12 3.14 -0.01	30.71 2.48 0.00
HOLTSVILLE_IC_6 23695	30.12 0.75 -22.65	29.92 1.13 -17.26	27.10 0.98 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.59 2.80 -12.37	42.76 2.53 -16.16	42.86 2.76 -14.02	43.57 2.72 -15.16	42.98 2.96 -12.36	43.67 3.02 -12.69	47.43 3.29 -14.53	47.49 3.68 -10.62	47.79 3.71 -9.04	48.70 4.20 -4.52	48.40 4.27 -3.77	43.97 3.85 -3.06	35.31 3.33 -0.01	30.85 2.63 0.00
HOLTSVILLE_IC_7 23696	30.12 0.75 -22.65	29.92 1.13 -17.26	27.10 0.98 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.59 2.80 -12.37	42.76 2.53 -16.16	42.86 2.76 -14.02	43.57 2.72 -15.16	42.98 2.96 -12.36	43.67 3.02 -12.69	47.43 3.29 -14.53	47.49 3.68 -10.62	47.79 3.71 -9.04	48.70 4.20 -4.52	48.40 4.27 -3.77	43.97 3.85 -3.06	35.31 3.33 -0.01	30.85 2.63 0.00
HOLTSVILLE_IC_8 23697	30.12 0.75 -22.65	29.92 1.13 -17.26	27.10 0.98 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.59 2.80 -12.37	42.76 2.53 -16.16	42.86 2.76 -14.02	43.57 2.72 -15.16	42.98 2.96 -12.36	43.67 3.02 -12.69	47.43 3.29 -14.53	47.49 3.68 -10.62	47.79 3.71 -9.04	48.70 4.20 -4.52	48.40 4.27 -3.77	43.97 3.85 -3.06	35.31 3.33 -0.01	30.85 2.63 0.00
HOLTSVILLE_IC_9 23698	30.12 0.75 -22.65	29.92 1.13 -17.26	27.10 0.98 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.59 2.80 -12.37	42.76 2.53 -16.16	42.86 2.76 -14.02	43.57 2.72 -15.16	42.98 2.96 -12.36	43.67 3.02 -12.69	47.43 3.29 -14.53	47.49 3.68 -10.62	47.79 3.71 -9.04	48.70 4.20 -4.52	48.40 4.27 -3.77	43.97 3.85 -3.06	35.31 3.33 -0.01	30.85 2.63 0.00
HOMER_HL_115KV_TB2 355744	9.05 -0.81 -3.14	12.33 -1.26 -2.05	11.83 -1.24 -1.63	11.61 -1.19 -1.57	10.85 -1.00 -2.74	12.10 -1.28 -1.57	11.71 -1.20 -1.15	10.87 -0.97 -1.61	17.79 -0.42 0.07	24.01 -0.58 1.61	23.74 -0.58 1.10	23.69 -0.63 -0.25	24.67 -0.63 0.78	23.71 -2.60 -0.61	25.21 -2.88 -0.43	25.47 -2.91 -0.42	27.72 -2.13 -0.24	30.56 -2.62 0.00	32.23 -2.80 0.00	36.79 -3.20 0.00	37.56 -2.78 0.00	34.43 -2.63 0.00	30.19 -1.79 0.00	26.02 -2.20 0.00
HOWARD_WT_PWR 323690	19.06 -0.64 -12.98	22.66 -1.03 -12.16	21.55 -1.01 -11.12	21.03 -0.97 -10.77	11.39 -0.80 -3.08	20.84 -0.97 -10.00	19.93 -0.87 -9.03	22.98 -0.70 -13.44	32.76 -1.04 -15.52	42.53 -1.36 -17.70	42.23 -1.32 -18.13	34.94 -1.23 -12.09	41.54 -1.17 -16.64	28.91 -1.65 -4.86	29.31 -1.66 -3.31	29.64 -1.56 -3.26	30.70 -1.27 -2.36	32.02 -1.16 0.00	34.02 -1.02 0.00	39.03 -0.96 0.00	39.78 -0.56 0.00	36.43 -0.63 0.00	31.79 -0.19 0.00	27.86 -0.37 0.00
HQ_GEN_CEDARS 23644	6.66 -0.07 0.00	11.34 -0.18 0.00	11.26 -0.18 0.00	11.03 -0.19 0.00	8.98 -0.14 0.00	11.61 -0.20 0.00	11.55 -0.21 0.00	10.02 -0.21 0.00	17.92 -0.37 0.00	25.67 -0.52 0.00	24.94 -0.48 0.00	23.64 -0.43 0.00	25.53 -0.55 0.00	25.23 -0.46 0.00	27.19 -0.47 0.00	27.50 -0.45 0.00	29.14 -0.47 0.00	32.72 -0.46 0.00	34.65 -0.39 0.00	39.63 -0.36 0.00	39.90 -0.44 0.00	36.72 -0.33 0.00	31.63 -0.35 0.00	27.91 -0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	6.66 -0.07 0.00	11.34 -0.18 0.00	11.26 -0.18 0.00	11.03 -0.19 0.00	8.98 -0.14 0.00	11.61 -0.20 0.00	11.55 -0.21 0.00	10.02 -0.22 0.00	17.92 -0.37 0.00	25.67 -0.52 0.00	24.94 -0.48 0.00	23.64 -0.43 0.00	25.55 -0.52 0.00	25.23 -0.46 0.00	27.19 -0.47 0.00	27.50 -0.45 0.00	29.14 -0.47 0.00	32.72 -0.46 0.00	34.65 -0.38 0.00	39.62 -0.36 0.00	39.90 -0.44 0.00	36.72 -0.33 0.00	31.65 -0.35 -0.02	27.89 -0.31 0.02

HQ_GEN_CHPE_PROXY 323851	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.76 1.43 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.02 2.02 -0.02	30.06 1.86 0.02
HQ_GEN_IMPORT 323601	6.67 -0.05 0.00	11.41 -0.12 0.00	11.33 -0.11 0.00	11.10 -0.12 0.00	9.02 -0.09 0.00	11.68 -0.13 0.00	11.63 -0.13 0.00	10.11 -0.12 0.00	18.10 -0.18 0.00	25.93 -0.26 0.00	25.17 -0.25 0.00	23.83 -0.24 0.00	25.81 -0.26 0.00	25.46 -0.23 0.00	27.41 -0.25 0.00	27.73 -0.22 0.00	29.38 -0.24 0.00	32.92 -0.27 0.00	34.79 -0.24 0.00	39.71 -0.28 0.00	39.98 -0.36 0.00	36.72 -0.33 0.00	31.72 -0.29 -0.02	27.95 -0.25 0.02
HQ_GEN_WHEEL 23651	6.67 -0.05 0.00	11.41 -0.12 0.00	11.33 -0.11 0.00	11.10 -0.12 0.00	9.02 -0.09 0.00	11.68 -0.13 0.00	11.63 -0.13 0.00	10.11 -0.12 0.00	18.10 -0.18 0.00	25.93 -0.26 0.00	25.17 -0.25 0.00	23.83 -0.24 0.00	25.81 -0.26 0.00	25.46 -0.23 0.00	27.41 -0.25 0.00	27.73 -0.22 0.00	29.38 -0.24 0.00	32.92 -0.27 0.00	34.79 -0.24 0.00	39.71 -0.28 0.00	39.98 -0.36 0.00	36.72 -0.33 0.00	31.72 -0.29 -0.02	27.95 -0.25 0.02
HUDSON AVE_GT_3 23810	29.87 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.01 0.65 -14.25	26.30 0.84 -13.65	23.81 0.89 -11.15	27.16 0.80 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.57 1.98 -7.16	35.10 1.85 -9.17	35.74 2.06 -7.60	33.69 2.06 -5.94	33.96 2.19 -4.12	34.20 2.21 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.56 2.52 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.06 2.08 0.00	30.28 2.06 0.00
HUDSON AVE_GT_4 23540	29.87 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.01 0.65 -14.25	26.30 0.84 -13.65	23.81 0.89 -11.15	27.16 0.80 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.57 1.98 -7.16	35.10 1.85 -9.17	35.74 2.06 -7.60	33.69 2.06 -5.94	33.96 2.19 -4.12	34.20 2.21 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.56 2.52 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.06 2.08 0.00	30.28 2.06 0.00
HUDSON AVE_GT_5 23657	29.87 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.01 0.65 -14.25	26.30 0.84 -13.65	23.81 0.89 -11.15	27.16 0.80 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.57 1.98 -7.16	35.10 1.85 -9.17	35.74 2.06 -7.60	33.69 2.06 -5.94	33.96 2.19 -4.12	34.20 2.21 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.56 2.52 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.06 2.08 0.00	30.28 2.06 0.00
HUDSON_AVE_10 24168	29.85 0.49 -22.64	29.58 0.80 -17.26	26.92 0.80 -14.67	26.20 0.79 -14.19	23.99 0.63 -14.25	26.27 0.81 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.84 2.04 -4.60	34.49 1.91 -7.16	35.05 1.81 -9.17	35.66 1.98 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.12 2.12 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.46 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.54 2.48 0.00	34.03 2.05 0.00	30.23 2.00 0.00
HUDSON___115KV_TB 4 355613	32.56 0.29 -25.55	31.52 0.52 -19.48	28.51 0.51 -16.56	27.74 0.50 -16.02	25.60 0.41 -16.08	27.76 0.54 -15.40	24.88 0.53 -12.59	28.90 0.47 -18.20	30.39 0.77 -11.34	32.47 1.07 -5.19	34.50 0.99 -8.08	35.34 0.91 -10.35	35.59 0.94 -8.58	33.27 0.87 -6.70	33.24 0.94 -4.64	33.49 0.98 -4.56	33.66 1.07 -2.98	34.58 1.39 0.00	36.47 1.44 0.00	41.70 1.72 0.00	42.20 1.86 0.00	38.87 1.82 0.00	33.55 1.57 0.00	29.75 1.52 0.00
HUNTER MOUNT___DRP 323613	32.17 0.28 -25.17	31.22 0.50 -19.19	28.25 0.49 -16.32	27.47 0.47 -15.78	25.35 0.39 -15.84	27.51 0.52 -15.18	24.67 0.51 -12.40	28.61 0.45 -17.93	30.22 0.77 -11.17	32.39 1.07 -5.12	34.35 0.97 -7.96	35.18 0.91 -10.20	35.42 0.89 -8.46	33.12 0.82 -6.60	33.12 0.89 -4.58	33.34 0.89 -4.50	33.56 1.01 -2.94	34.58 1.39 0.00	36.51 1.47 0.00	41.74 1.76 0.00	42.28 1.94 0.00	39.02 1.96 0.00	33.68 1.69 0.00	29.83 1.61 0.00
HUNTINGTON_RES_REC 323705	30.06 0.69 -22.65	29.83 1.04 -17.26	27.02 0.90 -14.68	26.29 0.88 -14.19	24.11 0.75 -14.25	26.35 0.89 -13.65	23.94 1.02 -11.16	27.25 0.89 -16.13	30.07 1.74 -10.05	33.34 2.54 -4.60	40.39 2.59 -12.37	42.62 2.38 -16.16	42.70 2.61 -14.02	43.42 2.57 -15.16	42.79 2.77 -12.36	43.47 2.82 -12.69	47.20 3.05 -14.53	47.22 3.42 -10.62	47.47 3.40 -9.04	48.30 3.80 -4.52	48.03 3.91 -3.77	43.67 3.56 -3.06	35.03 3.04 -0.01	30.62 2.40 0.00
HUNTLEY___63 23557	6.98 -0.67 -0.92	10.51 -0.93 0.08	10.18 -0.93 0.34	9.99 -0.90 0.33	10.63 -0.82 -2.33	10.63 -0.98 0.20	10.39 -0.92 0.46	8.69 -0.75 0.79	13.84 -1.48 2.96	19.13 -2.07 5.00	18.80 -2.08 4.54	20.09 -2.00 1.98	20.02 -2.14 3.92	23.15 -2.29 0.26	24.84 -2.66 0.16	24.94 -2.85 0.16	26.38 -3.05 0.18	30.10 -3.09 0.00	31.60 -3.43 0.00	35.99 -4.00 0.00	36.80 -3.55 0.00	33.80 -3.26 0.00	29.90 -2.08 0.00	25.82 -2.40 0.00
HUNTLEY___64 23558	6.98 -0.67 -0.92	10.51 -0.93 0.08	10.18 -0.93 0.34	9.99 -0.90 0.33	10.63 -0.82 -2.33	10.63 -0.98 0.20	10.39 -0.92 0.46	8.69 -0.75 0.79	13.84 -1.48 2.96	19.13 -2.07 5.00	18.80 -2.08 4.54	20.09 -2.00 1.98	20.02 -2.14 3.92	23.15 -2.29 0.26	24.84 -2.66 0.16	24.94 -2.85 0.16	26.38 -3.05 0.18	30.10 -3.09 0.00	31.60 -3.43 0.00	35.99 -4.00 0.00	36.80 -3.55 0.00	33.80 -3.26 0.00	29.90 -2.08 0.00	25.82 -2.40 0.00
HUNTLEY___65 23559	6.98 -0.67 -0.92	10.51 -0.93 0.08	10.18 -0.93 0.34	9.99 -0.90 0.33	10.63 -0.82 -2.33	10.63 -0.98 0.20	10.39 -0.92 0.46	8.69 -0.75 0.79	13.84 -1.48 2.96	19.13 -2.07 5.00	18.80 -2.08 4.54	20.09 -2.00 1.98	20.02 -2.14 3.92	23.15 -2.29 0.26	24.84 -2.66 0.16	24.94 -2.85 0.16	26.38 -3.05 0.18	30.10 -3.09 0.00	31.60 -3.43 0.00	35.99 -4.00 0.00	36.80 -3.55 0.00	33.80 -3.26 0.00	29.90 -2.08 0.00	25.82 -2.40 0.00
HUNTLEY___66 23560	6.98 -0.67 -0.92	10.51 -0.93 0.08	10.18 -0.93 0.34	9.99 -0.90 0.33	10.63 -0.82 -2.33	10.63 -0.98 0.20	10.39 -0.92 0.46	8.69 -0.75 0.79	13.84 -1.48 2.96	19.13 -2.07 5.00	18.80 -2.08 4.54	20.09 -2.00 1.98	20.02 -2.14 3.92	23.15 -2.29 0.26	24.84 -2.66 0.16	24.94 -2.85 0.16	26.38 -3.05 0.18	30.10 -3.09 0.00	31.60 -3.43 0.00	35.99 -4.00 0.00	36.80 -3.55 0.00	33.80 -3.26 0.00	29.90 -2.08 0.00	25.82 -2.40 0.00
HUNTLEY___67 23561	6.69 -0.69 -0.66	10.17 -0.99 0.37	9.85 -0.97 0.61	9.68 -0.94 0.60	10.68 -0.80 -2.37	10.34 -1.03 0.44	10.11 -0.96 0.69	8.29 -0.80 1.14	13.29 -1.54 3.45	18.37 -2.17 5.65	18.11 -2.14 5.18	19.64 -2.07 2.36	19.36 -2.22 4.50	22.95 -2.36 0.38	24.84 -2.57 0.25	24.94 -2.77 0.24	26.44 -2.93 0.25	30.20 -2.99 0.00	31.71 -3.33 0.00	36.07 -3.92 0.00	36.84 -3.51 0.00	33.83 -3.22 0.00	29.93 -2.05 0.00	25.77 -2.46 0.00

HUNTLEY___68 23562	6.69 -0.69 -0.66	10.17 -0.99 0.37	9.85 -0.97 0.61	9.68 -0.94 0.60	10.68 -0.80 -2.37	10.34 -1.03 0.44	10.11 -0.96 0.69	8.29 -0.80 1.14	13.29 -1.54 3.45	18.37 -2.17 5.65	18.11 -2.14 5.18	19.64 -2.07 2.36	19.36 -2.22 4.50	22.95 -2.36 0.38	24.84 -2.57 0.25	24.94 -2.77 0.24	26.44 -2.93 0.25	30.20 -2.99 0.00	31.71 -3.33 0.00	36.07 -3.92 0.00	36.84 -3.51 0.00	33.83 -3.22 0.00	29.93 -2.05 0.00	25.77 -2.46 0.00
HYLAND___LFGE 323620	19.63 -0.12 -13.03	23.90 -0.09 -12.46	22.81 -0.09 -11.47	22.28 -0.06 -11.11	11.54 -0.08 -2.51	22.04 -0.06 -10.29	21.14 0.01 -9.37	24.20 0.00 -13.97	34.62 -0.35 -16.68	45.02 -0.65 -19.47	44.22 -0.99 -19.79	35.85 -1.13 -12.92	42.89 -1.28 -18.09	29.37 -1.36 -5.04	29.74 -1.35 -3.44	30.07 -1.26 -3.38	30.98 -1.10 -2.46	32.59 -0.60 0.00	34.97 -0.07 0.00	40.59 0.60 0.00	41.56 1.21 0.00	38.06 1.00 0.00	33.13 1.15 0.00	28.93 0.71 0.00
INDECK___CORINTH 23802	33.82 0.41 -26.68	32.60 0.73 -20.35	29.46 0.72 -17.30	28.66 0.71 -16.73	26.46 0.56 -16.79	28.64 0.74 -16.09	25.65 0.74 -13.15	29.89 0.65 -19.01	31.35 1.23 -11.85	33.46 1.83 -5.43	35.52 1.65 -8.44	36.42 1.54 -10.81	36.65 1.62 -8.96	34.11 1.41 -7.00	34.06 1.55 -4.85	34.23 1.51 -4.77	34.63 1.90 -3.11	35.31 2.13 0.00	37.35 2.31 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.69 2.63 0.00	34.16 2.18 0.00	30.06 1.83 0.00
INDECK___ILION 23567	6.54 -0.19 0.00	11.18 -0.35 0.00	11.11 -0.33 0.00	10.90 -0.33 0.00	8.85 -0.26 0.00	11.47 -0.34 0.00	11.42 -0.34 0.00	9.94 -0.30 0.00	17.73 -0.55 0.00	25.41 -0.79 0.00	24.74 -0.69 0.00	23.47 -0.60 0.00	25.45 -0.63 0.00	25.05 -0.64 0.00	27.02 -0.64 0.00	27.11 -0.84 0.00	28.79 -0.83 0.00	32.26 -0.93 0.00	34.13 -0.91 0.00	39.11 -0.88 0.00	39.62 -0.73 0.00	36.50 -0.56 0.00	31.76 -0.22 0.00	28.20 -0.03 0.00
INDECK___OLEAN 23982	9.05 -0.81 -3.14	12.33 -1.26 -2.05	11.83 -1.24 -1.63	11.60 -1.19 -1.57	10.85 -1.00 -2.74	12.10 -1.28 -1.57	11.71 -1.20 -1.15	10.87 -0.97 -1.61	17.79 -0.42 0.07	24.01 -0.58 1.61	23.74 -0.58 1.10	23.69 -0.63 -0.25	24.64 -0.65 0.78	23.66 -2.65 -0.61	25.24 -2.85 -0.43	25.46 -2.91 -0.42	27.70 -2.16 -0.24	30.56 -2.62 0.00	32.23 -2.80 0.00	36.78 -3.20 0.00	37.56 -2.78 0.00	34.43 -2.63 0.00	30.22 -1.76 0.00	26.36 -1.86 0.00
INDECK___OSWEGO 23783	8.55 -0.11 -1.93	12.83 -0.17 -1.47	12.53 -0.16 -1.25	12.27 -0.16 -1.21	10.19 -0.14 -1.21	12.81 -0.17 -1.16	12.56 -0.15 -0.95	11.49 -0.12 -1.37	18.85 -0.29 -0.86	26.17 -0.42 -0.39	25.60 -0.43 -0.61	24.44 -0.41 -0.78	26.30 -0.42 -0.65	25.77 -0.44 -0.51	27.48 -0.53 -0.35	27.74 -0.56 -0.34	29.28 -0.56 -0.23	32.52 -0.66 0.00	34.41 -0.63 0.00	39.31 -0.68 0.00	39.74 -0.60 0.00	36.50 -0.55 0.00	31.50 -0.48 0.00	27.77 -0.45 0.00
INDECK___YERKES 23781	6.98 -0.67 -0.92	10.51 -0.93 0.08	10.18 -0.93 0.34	9.99 -0.90 0.33	10.63 -0.82 -2.33	10.63 -0.98 0.20	10.39 -0.92 0.46	8.69 -0.75 0.79	13.86 -1.46 2.96	19.13 -2.07 5.00	18.83 -2.06 4.54	20.11 -1.97 1.98	20.02 -2.14 3.92	23.15 -2.29 0.26	24.84 -2.66 0.16	24.94 -2.85 0.16	26.38 -3.05 0.18	30.13 -3.05 0.00	31.64 -3.40 0.00	35.99 -4.00 0.00	36.84 -3.51 0.00	33.80 -3.26 0.00	29.93 -2.05 0.00	26.39 -1.83 0.00
INDIAN POINT_GT_1 24139	29.70 0.45 -22.52	29.45 0.75 -17.17	26.78 0.74 -14.60	26.07 0.73 -14.12	23.88 0.59 -14.18	26.16 0.77 -13.58	23.67 0.81 -11.10	27.00 0.72 -16.04	29.62 1.33 -10.00	32.69 1.91 -4.58	34.41 1.86 -7.13	34.93 1.73 -9.13	35.54 1.90 -7.57	33.51 1.90 -5.91	33.77 2.02 -4.09	34.02 2.04 -4.02	34.41 2.16 -2.63	35.58 2.39 0.00	37.35 2.31 0.00	42.50 2.52 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.90 1.92 0.00	30.06 1.83 0.00
INDIAN POINT_GT_2 23659	29.70 0.45 -22.52	29.45 0.75 -17.17	26.78 0.74 -14.60	26.07 0.73 -14.12	23.88 0.59 -14.18	26.16 0.77 -13.58	23.67 0.81 -11.10	27.00 0.72 -16.04	29.62 1.33 -10.00	32.69 1.91 -4.58	34.41 1.86 -7.13	34.93 1.73 -9.13	35.54 1.90 -7.57	33.51 1.90 -5.91	33.77 2.02 -4.09	34.02 2.04 -4.02	34.41 2.16 -2.63	35.58 2.39 0.00	37.35 2.31 0.00	42.50 2.52 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.90 1.92 0.00	30.06 1.83 0.00
INDIAN POINT_GT_3 24019	29.70 0.45 -22.52	29.45 0.75 -17.17	26.78 0.74 -14.60	26.07 0.73 -14.12	23.88 0.59 -14.18	26.16 0.77 -13.58	23.67 0.81 -11.10	27.00 0.72 -16.04	29.62 1.33 -10.00	32.69 1.91 -4.58	34.41 1.86 -7.13	34.93 1.73 -9.13	35.54 1.90 -7.57	33.51 1.90 -5.91	33.77 2.02 -4.09	34.02 2.04 -4.02	34.41 2.16 -2.63	35.58 2.39 0.00	37.35 2.31 0.00	42.50 2.52 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.90 1.92 0.00	30.06 1.83 0.00
INDIAN POINT___2 23530	29.52 0.45 -22.35	29.31 0.74 -17.04	26.67 0.74 -14.49	25.96 0.73 -14.01	23.77 0.59 -14.07	26.05 0.77 -13.48	23.59 0.81 -11.01	26.87 0.72 -15.92	29.54 1.33 -9.92	32.63 1.89 -4.54	34.33 1.83 -7.07	34.86 1.73 -9.06	35.46 1.88 -7.51	33.44 1.87 -5.86	33.71 1.99 -4.06	33.96 2.01 -3.99	34.36 2.13 -2.61	35.54 2.36 0.00	37.31 2.28 0.00	42.51 2.52 0.00	42.97 2.62 0.00	39.43 2.37 0.00	33.87 1.89 0.00	29.92 1.69 0.00
INDIAN POINT___3 23531	29.70 0.45 -22.53	29.44 0.74 -17.18	26.78 0.73 -14.60	26.08 0.73 -14.12	23.89 0.59 -14.18	26.16 0.77 -13.58	23.68 0.81 -11.10	27.00 0.72 -16.05	29.62 1.33 -10.00	32.66 1.89 -4.58	34.38 1.83 -7.13	34.93 1.73 -9.13	35.52 1.88 -7.57	33.46 1.85 -5.91	33.75 1.99 -4.10	33.99 2.01 -4.03	34.38 2.13 -2.63	35.51 2.32 0.00	37.31 2.28 0.00	42.50 2.52 0.00	42.97 2.62 0.00	39.43 2.37 0.00	33.90 1.92 0.00	30.06 1.83 0.00
INDIANHDD_69_KV_BK1 55831	30.08 0.71 -22.64	29.84 1.05 -17.26	27.05 0.94 -14.68	26.32 0.91 -14.19	24.14 0.77 -14.25	26.38 0.92 -13.65	23.98 1.06 -11.16	27.28 0.92 -16.13	30.14 1.81 -10.05	33.42 2.62 -4.60	40.47 2.67 -12.37	42.69 2.46 -16.16	42.78 2.69 -14.02	43.50 2.65 -15.16	42.90 2.88 -12.36	43.58 2.93 -12.69	47.31 3.17 -14.53	47.36 3.55 -10.62	47.61 3.54 -9.04	48.50 4.00 -4.52	48.24 4.12 -3.77	43.82 3.71 -3.06	35.15 3.17 0.00	30.88 2.65 0.00
INGHAM_C_115KV_TB7 356103	6.54 -0.19 0.00	11.18 -0.35 0.00	11.11 -0.33 0.00	10.90 -0.33 0.00	8.85 -0.26 0.00	11.47 -0.34 0.00	11.42 -0.34 0.00	9.94 -0.30 0.00	17.73 -0.55 0.00	25.41 -0.79 0.00	24.74 -0.69 0.00	23.47 -0.60 0.00	25.45 -0.63 0.00	25.05 -0.64 0.00	27.02 -0.64 0.00	27.11 -0.84 0.00	28.79 -0.83 0.00	32.26 -0.93 0.00	34.13 -0.91 0.00	39.11 -0.88 0.00	39.62 -0.73 0.00	36.50 -0.56 0.00	31.76 -0.22 0.00	28.20 -0.03 0.00
IP CORINTH___1 23988	33.82 0.41 -26.68	32.60 0.73 -20.35	29.46 0.72 -17.30	28.66 0.71 -16.73	26.46 0.56 -16.79	28.64 0.74 -16.09	25.65 0.74 -13.15	29.89 0.64 -19.01	31.35 1.22 -11.85	33.46 1.83 -5.43	35.52 1.65 -8.44	36.42 1.54 -10.81	36.65 1.62 -8.96	34.11 1.41 -7.00	34.06 1.55 -4.85	34.23 1.51 -4.77	34.62 1.90 -3.11	35.31 2.12 0.00	37.35 2.31 0.00	42.70 2.72 0.00	43.17 2.82 0.00	39.69 2.63 0.00	34.15 2.17 0.00	30.09 1.86 0.00

IP___TICONDEROGA 23804	34.00 0.61 -26.66	32.93 1.07 -20.33	29.80 1.08 -17.28	28.98 1.04 -16.71	26.72 0.83 -16.78	28.99 1.11 -16.07	25.99 1.09 -13.14	30.17 0.94 -18.99	31.87 1.76 -11.84	34.24 2.62 -5.42	36.32 2.47 -8.44	37.16 2.29 -10.80	37.40 2.37 -8.96	34.77 2.08 -7.00	34.77 2.27 -4.85	34.98 2.26 -4.76	35.39 2.67 -3.11	36.27 3.09 0.00	38.47 3.43 0.00	44.14 4.16 0.00	44.66 4.32 0.00	41.13 4.08 0.00	35.31 3.33 0.00	31.02 2.79 0.00
ISLIP_RES_REC 323679	30.14 0.77 -22.65	29.95 1.16 -17.26	27.13 1.02 -14.68	26.39 0.98 -14.19	24.20 0.84 -14.25	26.46 1.00 -13.65	24.06 1.14 -11.16	27.35 0.99 -16.13	30.27 1.94 -10.05	33.60 2.80 -4.60	40.69 2.90 -12.37	42.86 2.62 -16.16	42.96 2.87 -14.02	43.68 2.83 -15.16	43.09 3.07 -12.36	43.78 3.13 -12.69	47.52 3.37 -14.53	47.62 3.81 -10.62	47.93 3.85 -9.04	48.86 4.36 -4.52	48.60 4.48 -3.77	44.12 4.00 -3.06	35.41 3.42 -0.01	30.96 2.74 0.00
JAMAICA__27_KV_LOAD 355505	29.88 0.52 -22.64	29.63 0.84 -17.26	26.95 0.84 -14.67	26.23 0.82 -14.19	24.02 0.66 -14.25	26.32 0.86 -13.65	23.87 0.95 -11.15	27.22 0.86 -16.13	29.92 1.59 -10.05	33.00 2.20 -4.60	34.54 1.96 -7.16	35.10 1.85 -9.17	35.71 2.03 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.81 2.62 0.00	37.60 2.56 0.00	42.78 2.80 0.00	43.25 2.90 0.00	39.69 2.63 0.00	34.19 2.21 0.00	30.37 2.15 0.00
JANIS___SOLAR 323808	14.91 0.20 -7.99	18.16 0.36 -6.27	17.19 0.36 -5.39	16.80 0.36 -5.22	14.02 0.27 -4.63	17.20 0.40 -4.99	16.28 0.38 -4.14	16.60 0.35 -6.02	23.12 0.53 -4.31	29.65 0.66 -2.80	29.58 0.53 -3.62	28.28 0.43 -3.77	30.13 0.42 -3.64	28.11 0.20 -2.21	29.43 0.25 -1.53	29.79 0.34 -1.50	31.24 0.62 -1.00	34.05 0.86 0.00	36.16 1.12 0.00	41.50 1.52 0.00	42.16 1.82 0.00	38.68 1.63 0.00	33.32 1.34 0.00	29.32 1.10 0.00
JARVIS____ 23743	6.77 0.04 0.00	11.60 0.07 0.00	11.51 0.07 0.00	11.29 0.07 0.00	9.17 0.06 0.00	11.88 0.07 0.00	11.83 0.07 0.00	10.31 0.07 0.00	18.39 0.11 0.00	26.35 0.16 0.00	25.58 0.15 0.00	24.22 0.15 0.00	26.23 0.16 0.00	25.85 0.16 0.00	27.83 0.17 0.00	28.12 0.17 0.00	29.76 0.15 0.00	33.35 0.17 0.00	35.21 0.18 0.00	40.19 0.20 0.00	40.59 0.24 0.00	37.28 0.22 0.00	32.17 0.19 0.00	28.39 0.17 0.00
JENNISON___1 23625	17.23 0.28 -10.23	19.81 0.48 -7.80	18.56 0.49 -6.63	18.13 0.49 -6.41	15.94 0.39 -6.44	18.51 0.53 -6.17	17.18 0.38 -5.04	17.88 0.36 -7.28	23.48 0.66 -4.54	29.19 0.92 -2.08	29.60 0.94 -3.24	29.13 0.91 -4.14	30.53 1.02 -3.43	29.20 0.82 -2.68	30.46 0.94 -1.86	30.73 0.95 -1.83	31.99 1.18 -1.19	34.48 1.29 0.00	36.40 1.37 0.00	41.62 1.64 0.00	42.24 1.90 0.00	38.84 1.78 0.00	33.42 1.44 0.00	29.44 1.21 0.00
JENNISON___2 23626	17.23 0.28 -10.23	19.81 0.48 -7.80	18.56 0.49 -6.63	18.13 0.49 -6.41	15.94 0.39 -6.44	18.51 0.53 -6.17	17.18 0.38 -5.04	17.88 0.36 -7.28	23.48 0.66 -4.54	29.19 0.92 -2.08	29.60 0.94 -3.24	29.13 0.91 -4.14	30.53 1.02 -3.43	29.20 0.82 -2.68	30.46 0.94 -1.86	30.73 0.95 -1.83	31.99 1.18 -1.19	34.48 1.29 0.00	36.40 1.37 0.00	41.62 1.64 0.00	42.24 1.90 0.00	38.84 1.78 0.00	33.42 1.44 0.00	29.44 1.21 0.00
JERICHO_RISE_WT_PWR 323719	6.60 -0.13 0.00	11.24 -0.29 0.00	11.14 -0.30 0.00	10.91 -0.31 0.00	8.87 -0.25 0.00	11.47 -0.34 0.00	11.40 -0.36 0.00	9.90 -0.34 0.00	17.70 -0.59 0.00	25.36 -0.84 0.00	24.63 -0.79 0.00	23.35 -0.72 0.00	25.24 -0.84 0.00	24.93 -0.77 0.00	26.88 -0.77 0.00	27.25 -0.70 0.00	28.94 -0.68 0.00	32.49 -0.70 0.00	34.34 -0.70 0.00	39.27 -0.72 0.00	39.54 -0.81 0.00	36.35 -0.71 0.00	31.34 -0.64 0.00	27.66 -0.56 0.00
KATONAH___115KV_46KV_TB4 355592	30.05 0.47 -22.85	29.73 0.78 -17.42	27.04 0.79 -14.81	26.31 0.76 -14.33	24.13 0.63 -14.38	26.40 0.81 -13.78	23.88 0.86 -11.26	27.27 0.76 -16.28	29.84 1.41 -10.15	32.91 2.07 -4.65	34.66 2.01 -7.23	35.26 1.93 -9.26	35.89 2.14 -7.68	33.77 2.08 -6.00	34.03 2.21 -4.15	34.27 2.24 -4.08	34.62 2.34 -2.67	35.77 2.59 0.00	37.53 2.49 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.61 2.56 0.00	34.03 2.05 0.00	30.17 1.95 0.00
KCE_NY_1 323755	33.72 0.36 -26.63	32.47 0.63 -20.31	29.33 0.63 -17.26	28.54 0.62 -16.70	26.37 0.49 -16.76	28.52 0.65 -16.06	25.53 0.65 -13.12	29.77 0.56 -18.97	31.17 1.06 -11.82	33.18 1.57 -5.42	35.35 1.50 -8.43	36.28 1.42 -10.79	36.53 1.51 -8.95	34.07 1.39 -6.99	34.02 1.52 -4.84	34.22 1.51 -4.76	34.41 1.69 -3.11	35.08 1.89 0.00	37.00 1.96 0.00	42.22 2.24 0.00	42.68 2.34 0.00	39.24 2.19 0.00	33.83 1.85 0.00	29.83 1.61 0.00
KCE_NY_6_ESR 323823	6.61 -0.71 -0.60	10.00 -1.06 0.47	9.68 -1.04 0.72	9.50 -1.01 0.71	10.73 -0.86 -2.47	10.18 -1.10 0.53	9.94 -1.04 0.79	8.10 -0.84 1.30	13.27 -1.26 3.75	18.38 -1.75 6.07	18.10 -1.75 5.57	19.84 -1.66 2.57	19.46 -1.77 4.84	22.87 -2.39 0.44	24.80 -2.57 0.28	24.96 -2.71 0.28	26.70 -2.64 0.28	30.47 -2.72 0.00	32.06 -2.98 0.00	36.51 -3.48 0.00	37.32 -3.03 0.00	34.24 -2.82 0.00	30.25 -1.73 0.00	26.50 -1.72 0.00
KEDC_PORT_JEFF_GT2 24210	30.10 0.73 -22.65	29.91 1.12 -17.26	27.09 0.97 -14.68	26.36 0.94 -14.19	24.17 0.80 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.31 0.95 -16.13	30.20 1.87 -10.05	33.50 2.70 -4.60	40.57 2.77 -12.37	42.74 2.50 -16.16	42.86 2.76 -14.02	43.55 2.70 -15.16	42.95 2.93 -12.36	43.64 2.99 -12.69	47.37 3.23 -14.53	47.46 3.65 -10.62	47.72 3.64 -9.04	48.62 4.12 -4.52	48.36 4.24 -3.77	43.93 3.82 -3.06	35.25 3.26 -0.01	30.82 2.59 0.00
KEDC_PORT_JEFF_GT3 24211	30.10 0.73 -22.65	29.91 1.12 -17.26	27.09 0.97 -14.68	26.36 0.94 -14.19	24.17 0.80 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.31 0.95 -16.13	30.20 1.87 -10.05	33.50 2.70 -4.60	40.57 2.77 -12.37	42.74 2.50 -16.16	42.86 2.76 -14.02	43.55 2.70 -15.16	42.95 2.93 -12.36	43.64 2.99 -12.69	47.37 3.23 -14.53	47.46 3.65 -10.62	47.72 3.64 -9.04	48.62 4.12 -4.52	48.36 4.24 -3.77	43.93 3.82 -3.06	35.25 3.26 -0.01	30.82 2.59 0.00
KEDC_GLWD_GT4 24219	29.95 0.58 -22.65	29.70 0.91 -17.26	26.97 0.86 -14.68	26.25 0.83 -14.19	24.06 0.69 -14.25	26.32 0.86 -13.65	23.87 0.95 -11.16	27.20 0.84 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.42 2.19 -16.16	42.49 2.40 -14.02	43.24 2.39 -15.16	42.56 2.54 -12.36	43.19 2.54 -12.69	46.84 2.69 -14.53	46.79 2.99 -10.62	47.02 2.94 -9.04	47.78 3.28 -4.52	47.51 3.39 -3.77	43.19 3.07 -3.06	34.51 2.53 -0.01	30.34 2.12 0.00
KEDC_GLWD_GT5 24220	29.95 0.58 -22.65	29.70 0.91 -17.26	26.97 0.86 -14.68	26.25 0.83 -14.19	24.06 0.69 -14.25	26.32 0.86 -13.65	23.87 0.95 -11.16	27.20 0.84 -16.13	29.92 1.59 -10.05	33.11 2.31 -4.60	40.13 2.34 -12.37	42.42 2.19 -16.16	42.49 2.40 -14.02	43.24 2.39 -15.16	42.56 2.54 -12.36	43.19 2.54 -12.69	46.84 2.69 -14.53	46.79 2.99 -10.62	47.02 2.94 -9.04	47.78 3.28 -4.52	47.51 3.39 -3.77	43.19 3.07 -3.06	34.51 2.53 -0.01	30.34 2.12 0.00

KENSICO____ 23655	29.81 0.47 -22.62	29.55 0.77 -17.25	26.88 0.78 -14.66	26.17 0.76 -14.18	23.96 0.61 -14.24	26.24 0.79 -13.64	23.76 0.85 -11.15	27.09 0.75 -16.11	29.71 1.39 -10.04	32.79 1.99 -4.60	34.51 1.93 -7.16	35.04 1.81 -9.17	35.65 1.98 -7.60	33.61 1.98 -5.94	33.87 2.10 -4.11	34.12 2.12 -4.04	34.51 2.25 -2.64	35.67 2.49 0.00	37.46 2.42 0.00	42.62 2.64 0.00	43.13 2.78 0.00	39.54 2.48 0.00	34.00 2.01 0.00	30.14 1.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.05 0.45 -21.87	28.95 0.75 -16.68	26.36 0.74 -14.18	25.67 0.74 -13.71	23.49 0.61 -13.77	25.80 0.80 -13.19	23.36 0.82 -10.78	26.54 0.73 -15.58	29.35 1.35 -9.71	32.56 1.91 -4.45	34.17 1.83 -6.92	34.64 1.71 -8.86	35.22 1.80 -7.35	33.21 1.77 -5.74	33.52 1.88 -3.98	33.76 1.90 -3.91	34.21 2.04 -2.55	35.51 2.32 0.00	37.35 2.31 0.00	42.62 2.64 0.00	43.17 2.82 0.00	39.72 2.67 0.00	34.09 2.11 0.00	30.14 1.92 0.00
KIAC_JFK_GT1 23816	29.85 0.48 -22.64	29.57 0.78 -17.26	26.89 0.78 -14.67	26.18 0.76 -14.19	23.98 0.62 -14.25	26.27 0.81 -13.65	23.81 0.89 -11.15	27.17 0.81 -16.13	29.83 1.50 -10.05	32.87 2.07 -4.60	34.42 1.83 -7.16	34.98 1.73 -9.17	35.58 1.90 -7.60	33.54 1.90 -5.94	33.79 2.02 -4.12	34.04 2.04 -4.04	34.45 2.19 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.58 2.60 0.00	43.05 2.70 0.00	39.46 2.41 0.00	34.03 2.05 0.00	30.23 2.00 0.00
KIAC_JFK_GT2 23817	29.85 0.48 -22.64	29.57 0.78 -17.26	26.89 0.78 -14.67	26.18 0.76 -14.19	23.98 0.62 -14.25	26.27 0.81 -13.65	23.81 0.89 -11.15	27.17 0.81 -16.13	29.83 1.50 -10.05	32.87 2.07 -4.60	34.42 1.83 -7.16	34.98 1.73 -9.17	35.58 1.90 -7.60	33.54 1.90 -5.94	33.79 2.02 -4.12	34.04 2.04 -4.04	34.45 2.19 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.58 2.60 0.00	43.05 2.70 0.00	39.46 2.41 0.00	34.03 2.05 0.00	30.23 2.00 0.00
KIAC_JFK____ 323774	29.85 0.48 -22.64	29.57 0.78 -17.26	26.89 0.78 -14.67	26.18 0.76 -14.19	23.98 0.62 -14.25	26.27 0.81 -13.65	23.81 0.89 -11.15	27.17 0.81 -16.13	29.83 1.50 -10.05	32.87 2.07 -4.60	34.42 1.83 -7.16	34.98 1.73 -9.17	35.58 1.90 -7.60	33.54 1.90 -5.94	33.79 2.02 -4.12	34.04 2.04 -4.04	34.45 2.19 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.58 2.60 0.00	43.05 2.70 0.00	39.46 2.41 0.00	34.03 2.05 0.00	30.09 1.86 0.00
KINTIGH_24_KV_GSU 356498	7.67 -0.53 -1.48	11.42 -0.71 -0.61	11.07 -0.71 -0.34	10.86 -0.68 -0.32	10.64 -0.57 -2.10	11.46 -0.74 -0.39	11.19 -0.69 -0.12	9.75 -0.57 -0.09	15.19 -1.52 1.58	20.89 -2.15 3.16	20.54 -2.14 2.75	21.03 -2.07 0.97	21.51 -2.24 2.32	23.93 -1.82 -0.06	25.75 -1.96 -0.05	25.88 -2.13 -0.05	27.08 -2.52 0.02	30.70 -2.49 0.00	32.27 -2.77 0.00	36.67 -3.32 0.00	37.40 -2.94 0.00	34.35 -2.70 0.00	30.28 -1.70 0.00	26.62 -1.61 0.00
KINTIGH____ 23543	7.67 -0.53 -1.48	11.42 -0.71 -0.61	11.07 -0.71 -0.34	10.86 -0.68 -0.32	10.64 -0.57 -2.10	11.46 -0.74 -0.39	11.19 -0.69 -0.12	9.75 -0.57 -0.09	15.19 -1.52 1.58	20.86 -2.17 3.16	20.54 -2.14 2.75	21.03 -2.07 0.97	21.54 -2.22 2.32	23.93 -1.82 -0.06	25.74 -1.96 -0.05	25.88 -2.12 -0.05	27.08 -2.52 0.02	30.70 -2.49 0.00	32.27 -2.77 0.00	36.67 -3.32 0.00	37.40 -2.95 0.00	34.35 -2.71 0.00	30.29 -1.69 0.00	26.14 -2.09 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	6.68 -0.05 0.00	11.37 -0.16 0.00	11.27 -0.17 0.00	11.03 -0.19 0.00	8.97 -0.15 0.00	11.60 -0.21 0.00	11.54 -0.22 0.00	10.01 -0.23 0.00	17.90 -0.38 0.00	25.67 -0.52 0.00	24.94 -0.48 0.00	23.64 -0.43 0.00	25.53 -0.55 0.00	25.21 -0.49 0.00	27.19 -0.47 0.00	27.56 -0.39 0.00	29.29 -0.33 0.00	32.89 -0.30 0.00	34.79 -0.25 0.00	39.83 -0.16 0.00	40.14 -0.20 0.00	36.91 -0.15 0.00	31.79 -0.19 0.00	28.03 -0.20 0.00
LACHUTE____HYDRO 323717	34.00 0.61 -26.66	32.93 1.07 -20.33	29.80 1.08 -17.28	28.98 1.04 -16.71	26.72 0.83 -16.78	28.99 1.11 -16.07	25.99 1.09 -13.14	30.17 0.94 -18.99	31.87 1.76 -11.84	34.24 2.62 -5.42	36.32 2.47 -8.44	37.16 2.29 -10.80	37.40 2.37 -8.96	34.75 2.06 -7.00	34.77 2.27 -4.85	34.98 2.26 -4.76	35.39 2.67 -3.11	36.27 3.09 0.00	38.47 3.44 0.00	44.14 4.16 0.00	44.66 4.32 0.00	41.13 4.08 0.00	35.31 3.33 0.00	30.99 2.77 0.00
LAWRNCV_115KV_TB1 80681	6.93 -0.13 -0.33	11.48 -0.30 -0.25	11.36 -0.30 -0.21	11.11 -0.31 -0.21	9.09 -0.23 -0.21	11.69 -0.32 -0.20	11.60 -0.33 -0.16	10.15 -0.32 -0.24	17.84 -0.59 -0.15	25.43 -0.84 -0.07	24.71 -0.81 -0.10	23.46 -0.75 -0.13	25.30 -0.89 -0.11	24.96 -0.82 -0.09	26.83 -0.89 -0.06	27.17 -0.84 -0.06	28.74 -0.92 -0.04	32.26 -0.93 0.00	34.30 -0.74 0.00	39.27 -0.72 0.00	39.58 -0.77 0.00	36.54 -0.52 0.00	31.44 -0.54 0.00	27.72 -0.51 0.00
LEDERLE____ 23769	29.42 0.48 -22.22	29.25 0.78 -16.94	26.62 0.78 -14.40	25.93 0.77 -13.93	23.73 0.63 -13.98	26.02 0.81 -13.40	23.57 0.86 -10.95	26.82 0.76 -15.83	29.56 1.41 -9.86	32.73 2.02 -4.52	34.41 1.96 -7.03	34.90 1.83 -9.00	35.52 1.98 -7.46	33.51 1.98 -5.83	33.80 2.10 -4.04	34.05 2.12 -3.97	34.46 2.25 -2.59	35.64 2.46 0.00	37.46 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.61 2.56 0.00	34.03 2.05 0.00	30.17 1.95 0.00
LIGHTHSE_115KV_TB6 355974	8.50 -0.05 -1.82	12.82 -0.09 -1.39	12.54 -0.08 -1.18	12.28 -0.08 -1.14	10.19 -0.07 -1.15	12.84 -0.07 -1.10	12.59 -0.07 -0.90	11.48 -0.05 -1.30	18.93 -0.16 -0.81	26.30 -0.26 -0.37	25.72 -0.28 -0.58	24.52 -0.29 -0.74	26.42 -0.26 -0.61	25.81 -0.36 -0.48	27.55 -0.44 -0.33	27.77 -0.50 -0.33	29.35 -0.47 -0.21	32.66 -0.53 0.00	34.72 -0.32 0.00	39.75 -0.24 0.00	40.35 0.00 0.00	37.09 0.04 0.00	31.95 -0.03 0.00	28.08 -0.14 0.00
LINDEN COGEN____ 23786	29.81 0.46 -22.63	29.53 0.75 -17.25	26.86 0.75 -14.67	26.14 0.73 -14.18	23.95 0.59 -14.24	26.22 0.77 -13.64	23.74 0.82 -11.15	27.09 0.74 -16.12	29.68 1.35 -10.04	32.70 1.91 -4.60	34.41 1.83 -7.16	34.41 1.71 -8.63	34.41 1.88 -6.46	33.53 1.90 -5.93	33.78 2.02 -4.11	34.03 2.04 -4.04	34.41 2.16 -2.63	34.41 2.39 1.17	34.41 2.28 2.90	34.41 2.48 8.06	34.41 2.62 8.56	34.41 2.34 4.98	33.83 1.85 0.01	29.94 1.72 0.00
LINDHRST_69_KV_BK1 356055	30.11 0.75 -22.64	29.92 1.13 -17.26	27.13 1.02 -14.68	26.40 0.99 -14.19	24.19 0.83 -14.25	26.46 1.00 -13.65	24.05 1.13 -11.16	27.35 0.99 -16.13	30.25 1.92 -10.05	33.60 2.80 -4.60	40.67 2.87 -12.37	42.93 2.70 -16.16	43.04 2.95 -14.02	43.73 2.88 -15.16	43.09 3.07 -12.36	43.78 3.13 -12.69	47.49 3.35 -14.53	47.56 3.75 -10.62	47.86 3.78 -9.04	48.78 4.28 -4.52	48.52 4.40 -3.77	44.08 3.97 -3.06	35.34 3.36 0.00	31.07 2.85 0.00
LIPA_MISC_IPP 23656	30.09 0.73 -22.64	29.86 1.07 -17.26	27.07 0.95 -14.68	26.32 0.91 -14.19	24.14 0.77 -14.25	26.39 0.93 -13.65	23.99 1.07 -11.16	27.29 0.93 -16.13	30.16 1.83 -10.05	33.45 2.65 -4.60	40.52 2.72 -12.37	42.64 2.41 -16.16	42.75 2.66 -14.02	43.45 2.60 -15.16	42.90 2.88 -12.36	43.55 2.91 -12.69	47.31 3.17 -14.53	47.32 3.52 -10.62	47.65 3.57 -9.04	48.54 4.04 -4.52	48.28 4.16 -3.77	43.82 3.71 -3.06	35.21 3.23 0.00	30.91 2.68 0.00

LISF__SOLAR 323691	30.12 0.75 -22.65	29.91 1.12 -17.26	27.09 0.97 -14.68	26.35 0.93 -14.19	24.16 0.79 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.31 0.95 -16.13	30.20 1.87 -10.05	33.50 2.70 -4.60	40.57 2.77 -12.37	42.69 2.46 -16.16	42.78 2.69 -14.02	43.50 2.65 -15.16	42.92 2.90 -12.36	43.61 2.96 -12.69	47.37 3.23 -14.53	47.42 3.62 -10.62	47.72 3.64 -9.04	48.66 4.16 -4.52	48.36 4.24 -3.77	43.93 3.82 -3.06	35.28 3.29 -0.01	30.85 2.63 0.00
LITTLE FALLS__HYD 24013	6.54 -0.19 0.00	11.18 -0.35 0.00	11.11 -0.33 0.00	10.90 -0.33 0.00	8.85 -0.26 0.00	11.47 -0.34 0.00	11.42 -0.34 0.00	9.94 -0.30 0.00	17.73 -0.55 0.00	25.41 -0.79 0.00	24.74 -0.69 0.00	23.47 -0.60 0.00	25.45 -0.63 0.00	25.05 -0.64 0.00	27.02 -0.64 0.00	27.11 -0.84 0.00	28.79 -0.83 0.00	32.26 -0.93 0.00	34.13 -0.91 0.00	39.11 -0.88 0.00	39.62 -0.73 0.00	36.50 -0.56 0.00	31.76 -0.22 0.00	28.20 -0.03 0.00
LITTLRIV_115KV_TB1 356100	6.99 -0.09 -0.35	11.57 -0.23 -0.27	11.43 -0.24 -0.23	11.20 -0.25 -0.22	9.16 -0.17 -0.22	11.78 -0.25 -0.21	11.67 -0.27 -0.17	10.21 -0.28 -0.25	17.89 -0.55 -0.16	25.43 -0.84 -0.07	24.67 -0.86 -0.11	23.37 -0.84 -0.14	25.18 -1.02 -0.12	24.86 -0.93 -0.09	26.73 -1.00 -0.06	27.06 -0.95 -0.06	28.68 -0.98 -0.04	32.32 -0.86 0.00	34.44 -0.60 0.00	39.59 -0.40 0.00	39.90 -0.44 0.00	36.83 -0.22 0.00	31.63 -0.35 0.00	27.89 -0.34 0.00
LI_NEWBRDGE__DRP 323616	29.95 0.59 -22.64	29.67 0.88 -17.26	26.92 0.80 -14.68	26.19 0.77 -14.19	24.02 0.66 -14.25	26.24 0.78 -13.65	23.82 0.91 -11.16	27.15 0.79 -16.13	29.87 1.54 -10.05	33.03 2.23 -4.60	40.03 2.24 -12.37	42.33 2.09 -16.16	42.39 2.29 -14.02	43.11 2.26 -15.16	42.46 2.43 -12.36	43.11 2.46 -12.69	46.75 2.61 -14.53	46.73 2.92 -10.62	46.95 2.87 -9.04	47.66 3.16 -4.52	47.43 3.31 -3.77	43.12 3.00 -3.06	34.54 2.56 0.00	30.43 2.20 0.00
LOCKPORT_115KV_TB60_63_64 80432	7.15 -0.72 -1.15	10.83 -0.90 -0.20	10.50 -0.88 0.06	10.31 -0.85 0.06	10.57 -0.77 -2.23	10.92 -0.93 -0.05	10.66 -0.88 0.22	9.09 -0.72 0.43	14.36 -1.54 2.39	19.81 -2.17 4.21	19.46 -2.19 3.77	20.40 -2.12 1.55	20.54 -2.29 3.24	23.00 -2.57 0.13	24.82 -2.77 0.07	24.92 -2.96 0.07	26.27 -3.23 0.12	29.97 -3.22 0.00	31.46 -3.57 0.00	35.79 -4.20 0.00	36.59 -3.75 0.00	33.61 -3.45 0.00	29.74 -2.24 0.00	25.57 -2.65 0.00
LOCKPORT__CC1 323769	7.02 -0.71 -1.01	10.65 -0.92 -0.05	10.33 -0.90 0.21	10.14 -0.88 0.21	10.59 -0.77 -2.25	10.76 -0.97 0.08	10.52 -0.91 0.34	8.88 -0.74 0.62	14.08 -1.55 2.65	19.41 -2.23 4.56	19.10 -2.21 4.11	20.17 -2.14 1.76	20.18 -2.35 3.54	22.96 -2.54 0.20	24.80 -2.74 0.12	24.90 -2.93 0.12	26.30 -3.17 0.15	30.00 -3.19 0.00	31.50 -3.54 0.00	35.83 -4.16 0.00	36.63 -3.71 0.00	33.65 -3.41 0.00	29.80 -2.18 0.00	26.16 -2.06 0.00
LOCKPORT__CC2 323770	7.02 -0.71 -1.01	10.65 -0.92 -0.05	10.33 -0.90 0.21	10.14 -0.88 0.21	10.59 -0.77 -2.25	10.76 -0.97 0.08	10.52 -0.91 0.34	8.88 -0.74 0.62	14.08 -1.55 2.65	19.41 -2.23 4.56	19.10 -2.21 4.11	20.17 -2.14 1.76	20.18 -2.35 3.54	22.96 -2.54 0.20	24.80 -2.74 0.12	24.90 -2.93 0.12	26.30 -3.17 0.15	30.00 -3.19 0.00	31.50 -3.54 0.00	35.83 -4.16 0.00	36.63 -3.71 0.00	33.65 -3.41 0.00	29.80 -2.18 0.00	26.16 -2.06 0.00
LOCKPORT__CC3 323771	7.02 -0.71 -1.01	10.65 -0.92 -0.05	10.33 -0.90 0.21	10.14 -0.88 0.21	10.59 -0.77 -2.25	10.76 -0.97 0.08	10.52 -0.91 0.34	8.88 -0.74 0.62	14.08 -1.55 2.65	19.41 -2.23 4.56	19.10 -2.21 4.11	20.17 -2.14 1.76	20.18 -2.35 3.54	22.96 -2.54 0.20	24.80 -2.74 0.12	24.90 -2.93 0.12	26.30 -3.17 0.15	30.00 -3.19 0.00	31.50 -3.54 0.00	35.83 -4.16 0.00	36.63 -3.71 0.00	33.65 -3.41 0.00	29.80 -2.18 0.00	26.16 -2.06 0.00
LOCUSVLY_69_KV_BK2 55797	30.00 0.63 -22.64	29.76 0.97 -17.26	27.02 0.90 -14.68	26.29 0.88 -14.19	24.09 0.73 -14.25	26.36 0.90 -13.65	23.92 1.00 -11.16	27.24 0.88 -16.13	30.03 1.70 -10.05	33.26 2.46 -4.60	40.31 2.52 -12.37	42.59 2.36 -16.16	42.68 2.58 -14.02	43.42 2.57 -15.16	42.73 2.71 -12.36	43.39 2.74 -12.69	47.05 2.90 -14.53	47.06 3.25 -10.62	47.26 3.19 -9.04	48.06 3.56 -4.52	47.79 3.67 -3.77	43.45 3.34 -3.06	34.76 2.78 0.00	30.65 2.43 0.00
LONG_LAKE_PHOENIX 24014	8.60 -0.11 -1.98	12.88 -0.16 -1.51	12.57 -0.16 -1.29	12.31 -0.16 -1.24	10.23 -0.13 -1.25	12.85 -0.15 -1.20	12.60 -0.14 -0.98	11.53 -0.11 -1.41	18.89 -0.27 -0.88	26.21 -0.39 -0.40	25.67 -0.38 -0.63	24.49 -0.39 -0.80	26.35 -0.39 -0.67	25.81 -0.41 -0.52	27.52 -0.50 -0.36	27.80 -0.50 -0.35	29.31 -0.53 -0.23	32.56 -0.63 0.00	34.44 -0.60 0.00	39.31 -0.68 0.00	39.78 -0.56 0.00	36.50 -0.56 0.00	31.50 -0.48 0.00	27.74 -0.48 0.00
LOVETT__3 23632	29.47 0.44 -22.30	29.27 0.74 -17.00	26.63 0.73 -14.46	25.92 0.72 -13.98	23.73 0.58 -14.04	26.01 0.76 -13.45	23.55 0.80 -10.99	26.83 0.71 -15.89	29.50 1.32 -9.90	32.59 1.86 -4.53	34.31 1.83 -7.06	34.82 1.71 -9.04	35.44 1.88 -7.49	33.40 1.85 -5.85	33.68 1.96 -4.05	33.92 1.98 -3.98	34.32 2.10 -2.60	35.51 2.32 0.00	37.28 2.24 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.39 2.33 0.00	33.87 1.89 0.00	30.03 1.81 0.00
LOVETT__4 23642	29.47 0.44 -22.30	29.27 0.74 -17.00	26.63 0.73 -14.46	25.92 0.72 -13.98	23.73 0.58 -14.04	26.01 0.76 -13.45	23.55 0.80 -10.99	26.83 0.71 -15.89	29.50 1.32 -9.90	32.59 1.86 -4.53	34.31 1.83 -7.06	34.82 1.71 -9.04	35.44 1.88 -7.49	33.40 1.85 -5.85	33.68 1.96 -4.05	33.92 1.98 -3.98	34.32 2.10 -2.60	35.51 2.32 0.00	37.28 2.24 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.39 2.33 0.00	33.87 1.89 0.00	30.03 1.81 0.00
LOVETT__5 23593	29.47 0.44 -22.30	29.27 0.74 -17.00	26.63 0.73 -14.46	25.92 0.72 -13.98	23.73 0.58 -14.04	26.01 0.76 -13.45	23.55 0.80 -10.99	26.83 0.71 -15.89	29.50 1.32 -9.90	32.59 1.86 -4.53	34.31 1.83 -7.06	34.82 1.71 -9.04	35.44 1.88 -7.49	33.40 1.85 -5.85	33.68 1.96 -4.05	33.92 1.98 -3.98	34.32 2.10 -2.60	35.51 2.32 0.00	37.28 2.24 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.39 2.33 0.00	33.87 1.89 0.00	30.03 1.81 0.00
LOWER RAQUET__HYD 24057	6.95 -0.15 -0.38	11.48 -0.33 -0.29	11.35 -0.33 -0.24	11.11 -0.35 -0.24	9.10 -0.26 -0.24	11.68 -0.35 -0.23	11.58 -0.36 -0.19	10.15 -0.35 -0.27	17.81 -0.64 -0.17	25.33 -0.94 -0.08	24.63 -0.91 -0.12	23.38 -0.84 -0.15	25.21 -0.99 -0.13	24.87 -0.92 -0.10	26.73 -0.99 -0.07	27.07 -0.95 -0.07	28.59 -1.06 -0.04	32.12 -1.06 0.00	34.20 -0.84 0.00	39.19 -0.80 0.00	39.50 -0.85 0.00	36.50 -0.55 0.00	31.37 -0.61 0.00	27.66 -0.56 0.00
LOWER__HUDSON 24059	33.32 0.30 -26.30	32.10 0.52 -20.05	29.00 0.52 -17.05	28.22 0.51 -16.49	26.08 0.41 -16.55	28.20 0.53 -15.86	25.25 0.53 -12.96	29.44 0.47 -18.73	30.80 0.84 -11.68	32.78 1.23 -5.35	34.94 1.20 -8.32	35.86 1.13 -10.66	36.11 1.20 -8.83	33.73 1.13 -6.90	33.69 1.25 -4.78	33.88 1.23 -4.70	34.02 1.33 -3.07	34.68 1.49 0.00	36.54 1.51 0.00	41.70 1.72 0.00	42.16 1.82 0.00	38.73 1.67 0.00	33.45 1.47 0.00	29.55 1.33 0.00

LOWVILLE_115KV_TB2 356335	7.63 -0.13 -1.04	12.02 -0.30 -0.79	11.82 -0.30 -0.67	11.58 -0.29 -0.65	9.54 -0.23 -0.65	12.14 -0.30 -0.63	11.97 -0.31 -0.51	10.73 -0.25 -0.74	18.19 -0.55 -0.46	25.54 -0.86 -0.21	24.91 -0.84 -0.33	23.67 -0.82 -0.42	25.56 -0.86 -0.35	24.99 -0.98 -0.27	26.74 -1.11 -0.19	27.02 -1.12 -0.19	28.67 -1.07 -0.12	32.19 -1.00 0.00	35.32 0.28 0.00	40.54 0.56 0.00	41.15 0.81 0.00	37.83 0.78 0.00	32.49 0.51 0.00	28.59 0.37 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.71 0.36 -26.63	32.47 0.63 -20.31	29.33 0.63 -17.26	28.54 0.62 -16.70	26.36 0.48 -16.76	28.52 0.65 -16.06	25.52 0.64 -13.12	29.77 0.56 -18.97	31.15 1.04 -11.82	33.16 1.55 -5.42	35.33 1.47 -8.43	36.26 1.40 -10.79	36.51 1.49 -8.95	34.05 1.36 -6.99	33.99 1.49 -4.84	34.19 1.48 -4.76	34.38 1.66 -3.11	35.04 1.86 0.00	36.96 1.93 0.00	42.22 2.24 0.00	42.65 2.30 0.00	39.21 2.15 0.00	33.80 1.82 0.00	29.83 1.61 0.00
LUTHERNY_35_KV_BK2 355980	33.72 0.36 -26.63	32.47 0.63 -20.31	29.33 0.63 -17.26	28.54 0.62 -16.70	26.37 0.49 -16.76	28.52 0.65 -16.06	25.53 0.65 -13.12	29.77 0.56 -18.97	31.17 1.06 -11.82	33.18 1.57 -5.42	35.35 1.50 -8.43	36.28 1.42 -10.79	36.53 1.51 -8.95	34.07 1.39 -6.99	34.02 1.52 -4.84	34.22 1.51 -4.76	34.41 1.69 -3.11	35.08 1.89 0.00	37.00 1.96 0.00	42.22 2.24 0.00	42.69 2.34 0.00	39.24 2.19 0.00	33.84 1.85 0.00	29.86 1.64 0.00
LWR__OSWEGATCHIE_HYD 23850	7.28 -0.17 -0.72	11.71 -0.37 -0.55	11.54 -0.37 -0.47	11.30 -0.37 -0.45	9.30 -0.27 -0.45	11.87 -0.38 -0.44	11.73 -0.39 -0.36	10.41 -0.34 -0.51	17.93 -0.68 -0.32	25.32 -1.02 -0.15	24.66 -0.99 -0.23	23.42 -0.94 -0.29	25.25 -1.07 -0.24	24.78 -1.10 -0.19	26.60 -1.19 -0.13	26.88 -1.20 -0.13	28.49 -1.21 -0.08	31.99 -1.19 0.00	34.48 -0.56 0.00	39.59 -0.40 0.00	40.02 -0.32 0.00	36.91 -0.15 0.00	31.69 -0.29 0.00	27.91 -0.31 0.00
LYONS_FALL_HYD 23570	7.71 -0.04 -1.03	12.19 -0.13 -0.79	11.99 -0.11 -0.67	11.76 -0.11 -0.65	9.68 -0.08 -0.65	12.32 -0.11 -0.62	12.15 -0.12 -0.51	10.89 -0.08 -0.73	18.52 -0.22 -0.46	26.04 -0.37 -0.21	25.39 -0.36 -0.33	24.15 -0.34 -0.42	26.08 -0.34 -0.35	25.51 -0.46 -0.27	27.35 -0.50 -0.19	27.60 -0.53 -0.18	29.26 -0.47 -0.12	32.75 -0.43 0.00	35.49 0.45 0.00	40.71 0.72 0.00	41.27 0.93 0.00	37.94 0.89 0.00	32.59 0.61 0.00	28.70 0.48 0.00
MADISON__COUNTY_LFGE 323628	8.36 0.12 -1.52	12.89 0.21 -1.16	12.63 0.21 -0.98	12.37 0.20 -0.95	10.23 0.16 -0.95	12.95 0.22 -0.91	12.75 0.24 -0.75	11.53 0.21 -1.08	19.30 0.35 -0.67	26.95 0.45 -0.31	26.33 0.43 -0.48	25.09 0.41 -0.61	27.05 0.47 -0.51	26.45 0.36 -0.40	28.32 0.39 -0.28	28.59 0.36 -0.27	30.27 0.47 -0.18	33.68 0.50 0.00	35.77 0.74 0.00	40.90 0.92 0.00	41.44 1.09 0.00	38.06 1.00 0.00	32.78 0.80 0.00	28.87 0.65 0.00
MALONE__115KV_TB1 356076	6.64 -0.09 0.00	11.30 -0.23 0.00	11.20 -0.24 0.00	10.96 -0.26 0.00	8.92 -0.19 0.00	11.55 -0.26 0.00	11.49 -0.27 0.00	9.98 -0.26 0.00	17.83 -0.46 0.00	25.57 -0.63 0.00	24.84 -0.58 0.00	23.54 -0.53 0.00	25.40 -0.68 0.00	25.11 -0.59 0.00	27.05 -0.61 0.00	27.42 -0.53 0.00	29.08 -0.53 0.00	32.69 -0.50 0.00	34.62 -0.42 0.00	39.67 -0.32 0.00	39.98 -0.36 0.00	36.80 -0.26 0.00	31.66 -0.32 0.00	27.91 -0.31 0.00
MAPLEWOD_115KV_TB3 80458	33.09 0.28 -26.08	31.91 0.50 -19.88	28.84 0.49 -16.90	28.05 0.48 -16.35	25.92 0.39 -16.41	28.04 0.51 -15.72	25.12 0.51 -12.85	29.25 0.44 -18.58	30.61 0.75 -11.58	32.60 1.10 -5.30	34.77 1.09 -8.25	35.65 1.01 -10.57	35.93 1.10 -8.76	33.59 1.05 -6.84	33.53 1.13 -4.74	33.76 1.15 -4.66	33.84 1.18 -3.04	34.51 1.33 0.00	36.33 1.30 0.00	41.46 1.48 0.00	41.92 1.57 0.00	38.50 1.45 0.00	33.32 1.34 0.00	29.52 1.30 0.00
MAPLE_RIDGE_WT_1 323574	6.54 -0.18 0.00	11.19 -0.33 0.00	11.11 -0.33 0.00	10.90 -0.33 0.00	8.85 -0.26 0.00	11.47 -0.34 0.00	11.41 -0.35 0.00	9.93 -0.31 0.00	17.72 -0.57 0.00	25.38 -0.81 0.00	24.66 -0.76 0.00	23.35 -0.72 0.00	25.29 -0.78 0.00	24.98 -0.72 0.00	26.91 -0.75 0.00	27.25 -0.70 0.00	28.91 -0.71 0.00	32.46 -0.73 0.00	34.34 -0.70 0.00	39.22 -0.76 0.00	39.58 -0.77 0.00	36.35 -0.71 0.00	31.37 -0.61 0.00	27.72 -0.51 0.00
MAPLE_RIDGE_WT_2 323611	6.54 -0.18 0.00	11.19 -0.33 0.00	11.11 -0.33 0.00	10.90 -0.33 0.00	8.85 -0.26 0.00	11.47 -0.34 0.00	11.41 -0.35 0.00	9.93 -0.31 0.00	17.72 -0.57 0.00	25.38 -0.81 0.00	24.66 -0.76 0.00	23.35 -0.72 0.00	25.29 -0.78 0.00	24.98 -0.72 0.00	26.91 -0.75 0.00	27.25 -0.70 0.00	28.91 -0.71 0.00	32.46 -0.73 0.00	34.34 -0.70 0.00	39.22 -0.76 0.00	39.58 -0.77 0.00	36.35 -0.71 0.00	31.37 -0.61 0.00	27.72 -0.51 0.00
MARBLE_RIVER_WT_PWR 323696	6.61 -0.11 0.00	11.26 -0.26 0.00	11.17 -0.27 0.00	10.93 -0.29 0.00	8.89 -0.23 0.00	11.49 -0.32 0.00	11.42 -0.34 0.00	9.92 -0.32 0.00	17.73 -0.55 0.00	25.41 -0.79 0.00	24.68 -0.74 0.00	23.40 -0.67 0.00	25.29 -0.78 0.00	25.00 -0.69 0.00	26.94 -0.72 0.00	27.31 -0.64 0.00	28.96 -0.65 0.00	32.52 -0.66 0.00	34.41 -0.63 0.00	39.34 -0.64 0.00	39.62 -0.73 0.00	36.43 -0.63 0.00	31.41 -0.57 0.00	27.72 -0.51 0.00
MARSHVLE_115KV_TB1 80742	36.77 0.37 -29.67	34.80 0.65 -22.63	31.32 0.64 -19.24	30.45 0.63 -18.60	28.29 0.50 -18.68	30.38 0.67 -17.89	27.04 0.66 -14.62	31.94 0.56 -21.14	32.44 0.99 -13.17	33.49 1.26 -6.03	35.98 1.17 -9.39	37.25 1.16 -12.03	37.37 1.33 -9.97	34.64 1.16 -7.79	34.35 1.30 -5.39	34.48 1.23 -5.30	34.47 1.39 -3.46	34.88 1.69 0.00	36.93 1.89 0.00	42.30 2.32 0.00	42.81 2.46 0.00	39.35 2.30 0.00	33.93 1.95 0.00	29.83 1.61 0.00
MARSH_HILL_WT_PWR 323713	19.69 -0.63 -13.59	23.34 -1.01 -12.82	22.20 -1.00 -11.75	21.64 -0.97 -11.39	11.33 -0.80 -3.02	21.42 -0.96 -10.56	20.46 -0.87 -9.57	23.78 -0.70 -14.24	33.86 -1.06 -16.64	43.94 -1.39 -19.13	43.62 -1.35 -19.54	35.76 -1.25 -12.94	42.79 -1.20 -17.91	29.17 -1.67 -5.14	29.48 -1.69 -3.51	29.81 -1.59 -3.45	30.79 -1.33 -2.50	31.99 -1.19 0.00	33.95 -1.09 0.00	38.99 -1.00 0.00	39.74 -0.60 0.00	36.39 -0.67 0.00	31.76 -0.22 0.00	27.83 -0.40 0.00
MCINTYRE_115KV_TB2 80467	7.02 -0.02 -0.32	11.64 -0.13 -0.24	11.52 -0.13 -0.21	11.29 -0.13 -0.20	9.23 -0.08 -0.20	11.87 -0.13 -0.19	11.77 -0.15 -0.16	10.27 -0.19 -0.23	18.00 -0.42 -0.14	25.55 -0.71 -0.06	24.79 -0.74 -0.10	23.48 -0.72 -0.13	25.29 -0.89 -0.11	24.96 -0.82 -0.08	26.83 -0.89 -0.06	27.17 -0.84 -0.06	28.85 -0.80 -0.04	32.59 -0.60 0.00	34.72 -0.32 0.00	39.91 -0.08 0.00	40.27 -0.08 0.00	37.09 0.04 0.00	31.88 -0.10 0.00	28.11 -0.11 0.00
MECO____69_KV_BK1 80468	35.68 0.42 -28.53	34.03 0.75 -21.75	30.68 0.74 -18.49	29.83 0.72 -17.89	27.65 0.57 -17.96	29.78 0.77 -17.20	26.59 0.76 -14.06	31.20 0.64 -20.32	32.08 1.13 -12.67	33.52 1.52 -5.80	35.87 1.42 -9.03	36.96 1.32 -11.56	37.12 1.46 -9.58	34.47 1.28 -7.49	34.28 1.44 -5.19	34.48 1.43 -5.10	34.60 1.66 -3.33	35.21 2.02 0.00	37.31 2.28 0.00	42.78 2.80 0.00	43.29 2.95 0.00	39.80 2.74 0.00	34.25 2.27 0.00	30.12 1.89 0.00

MENANDS__115KV_TB5 355628	33.02 0.26 -26.03	31.85 0.47 -19.85	28.79 0.47 -16.88	28.00 0.46 -16.32	25.86 0.36 -16.39	27.98 0.47 -15.70	25.07 0.48 -12.83	29.20 0.42 -18.54	30.54 0.69 -11.56	32.51 1.02 -5.29	34.65 0.99 -8.24	35.56 0.94 -10.55	35.84 1.02 -8.75	33.50 0.98 -6.83	33.44 1.05 -4.73	33.67 1.06 -4.65	33.75 1.10 -3.04	34.41 1.23 0.00	36.19 1.16 0.00	41.30 1.32 0.00	41.76 1.41 0.00	38.35 1.30 0.00	33.20 1.22 0.00	29.47 1.24 0.00
MG INDUSTRY__DRP 24185	32.60 0.26 -25.62	31.52 0.46 -19.54	28.51 0.46 -16.61	27.73 0.45 -16.06	25.60 0.36 -16.13	27.73 0.47 -15.45	24.85 0.46 -12.62	28.88 0.40 -18.25	30.35 0.69 -11.37	32.40 1.00 -5.21	34.50 0.97 -8.11	35.37 0.91 -10.38	35.67 0.99 -8.61	33.34 0.93 -6.72	33.31 1.00 -4.66	33.54 1.01 -4.58	33.67 1.07 -2.99	34.41 1.23 0.00	36.23 1.19 0.00	41.30 1.32 0.00	41.80 1.45 0.00	38.43 1.37 0.00	33.20 1.22 0.00	29.44 1.21 0.00
MID__OSWEGATCHIE_HYD 23849	7.28 -0.17 -0.72	11.71 -0.37 -0.55	11.54 -0.37 -0.47	11.30 -0.37 -0.45	9.30 -0.27 -0.45	11.87 -0.38 -0.44	11.73 -0.39 -0.36	10.41 -0.34 -0.51	17.93 -0.68 -0.32	25.32 -1.02 -0.15	24.66 -0.99 -0.23	23.42 -0.94 -0.29	25.25 -1.07 -0.24	24.78 -1.10 -0.19	26.60 -1.19 -0.13	26.88 -1.20 -0.13	28.49 -1.21 -0.08	31.99 -1.19 0.00	34.48 -0.56 0.00	39.59 -0.40 0.00	40.02 -0.32 0.00	36.91 -0.15 0.00	31.69 -0.29 0.00	27.91 -0.31 0.00
MID__RAQUETTE_HYD 23851	6.95 -0.15 -0.38	11.48 -0.33 -0.29	11.35 -0.33 -0.24	11.11 -0.35 -0.24	9.10 -0.26 -0.24	11.68 -0.35 -0.23	11.58 -0.36 -0.19	10.15 -0.35 -0.27	17.81 -0.64 -0.17	25.33 -0.94 -0.08	24.63 -0.92 -0.12	23.38 -0.84 -0.15	25.21 -0.99 -0.13	24.87 -0.93 -0.10	26.73 -1.00 -0.07	27.04 -0.98 -0.07	28.59 -1.07 -0.04	32.12 -1.06 0.00	34.20 -0.84 0.00	39.19 -0.80 0.00	39.50 -0.85 0.00	36.50 -0.56 0.00	31.37 -0.61 0.00	27.69 -0.54 0.00
MILLIKEN__1 23584	12.56 0.10 -5.74	16.30 0.21 -4.57	15.61 0.22 -3.95	15.26 0.21 -3.82	12.44 0.15 -3.17	15.69 0.24 -3.65	15.06 0.25 -3.05	14.91 0.23 -4.45	22.03 0.37 -3.39	29.15 0.50 -2.46	28.85 0.41 -3.02	27.32 0.34 -2.91	29.42 0.37 -2.98	27.53 0.21 -1.63	29.00 0.22 -1.13	29.31 0.25 -1.11	30.71 0.36 -0.74	33.65 0.46 0.00	35.63 0.60 0.00	40.78 0.80 0.00	41.35 1.01 0.00	37.95 0.89 0.00	32.75 0.77 0.00	28.76 0.54 0.00
MILLIKEN__2 23585	12.56 0.10 -5.74	16.30 0.21 -4.57	15.61 0.22 -3.95	15.26 0.21 -3.82	12.44 0.15 -3.17	15.69 0.24 -3.65	15.06 0.25 -3.05	14.91 0.23 -4.45	22.03 0.37 -3.39	29.15 0.50 -2.46	28.85 0.41 -3.02	27.32 0.34 -2.91	29.42 0.37 -2.98	27.53 0.21 -1.63	29.00 0.22 -1.13	29.31 0.25 -1.11	30.71 0.36 -0.74	33.65 0.46 0.00	35.63 0.60 0.00	40.78 0.80 0.00	41.35 1.01 0.00	37.95 0.89 0.00	32.75 0.77 0.00	28.76 0.54 0.00
MILLIKEN__DIESEL 23629	12.56 0.10 -5.74	16.30 0.21 -4.57	15.61 0.22 -3.95	15.26 0.21 -3.82	12.44 0.15 -3.17	15.69 0.24 -3.65	15.06 0.25 -3.05	14.91 0.23 -4.45	22.03 0.37 -3.39	29.15 0.50 -2.46	28.85 0.41 -3.02	27.32 0.34 -2.91	29.42 0.37 -2.98	27.53 0.21 -1.63	29.00 0.22 -1.13	29.31 0.25 -1.11	30.71 0.36 -0.74	33.65 0.46 0.00	35.63 0.60 0.00	40.78 0.80 0.00	41.35 1.01 0.00	37.95 0.89 0.00	32.75 0.77 0.00	28.76 0.54 0.00
MILLSEAT__LFGE 323607	7.55 -0.57 -1.40	11.35 -0.68 -0.50	11.00 -0.66 -0.23	10.80 -0.64 -0.21	10.68 -0.59 -0.21	11.39 -0.72 -0.30	11.14 -0.65 -0.03	9.65 -0.52 0.06	15.24 -1.21 1.83	21.02 -1.70 3.48	20.61 -1.75 3.06	21.19 -1.73 1.14	21.57 -1.90 2.60	23.59 -2.11 0.00	25.43 -2.24 -0.01	25.59 -2.38 -0.01	26.99 -2.58 0.05	30.73 -2.46 0.00	32.34 -2.70 0.00	36.87 -3.12 0.00	37.72 -2.62 0.00	34.61 -2.45 0.00	30.51 -1.47 0.00	26.76 -1.47 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.76 0.46 -22.58	29.49 0.75 -17.22	26.83 0.76 -14.64	26.12 0.74 -14.16	23.93 0.60 -14.21	26.20 0.78 -13.61	23.71 0.82 -11.13	27.05 0.73 -16.08	29.66 1.35 -10.02	32.73 1.94 -4.59	34.45 1.88 -7.14	34.98 1.76 -9.15	35.59 1.93 -7.58	33.52 1.90 -5.92	33.78 2.02 -4.10	34.05 2.07 -4.03	34.44 2.19 -2.63	35.58 2.39 0.00	37.39 2.35 0.00	42.54 2.56 0.00	43.05 2.70 0.00	39.46 2.41 0.00	33.93 1.95 0.00	30.09 1.86 0.00
MILLWOOD_13_KV_LOAD 356217	29.77 0.47 -22.58	29.52 0.77 -17.22	26.85 0.78 -14.64	26.14 0.76 -14.16	23.95 0.62 -14.21	26.23 0.80 -13.61	23.74 0.85 -11.13	27.07 0.75 -16.08	29.70 1.39 -10.02	32.78 1.99 -4.59	34.50 1.93 -7.14	35.05 1.83 -9.15	35.67 2.01 -7.58	33.60 1.98 -5.92	33.87 2.10 -4.10	34.11 2.12 -4.03	34.50 2.25 -2.63	35.67 2.49 0.00	37.46 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.54 2.48 0.00	34.00 2.01 0.00	30.14 1.92 0.00
MODEL_CITY_ENERGY 24167	7.00 -0.79 -1.07	10.68 -0.95 -0.10	10.35 -0.93 0.16	10.16 -0.90 0.16	10.57 -0.82 -0.28	10.76 -1.00 0.04	10.53 -0.93 0.31	8.90 -0.77 0.56	14.05 -1.63 2.60	19.38 -2.33 4.48	19.07 -2.31 4.04	20.10 -2.26 1.71	20.12 -2.48 3.47	22.69 -2.83 0.18	24.54 -3.01 0.11	24.63 -3.21 0.11	25.95 -3.52 0.14	29.60 -3.58 0.00	31.08 -3.96 0.00	35.31 -4.68 0.00	36.11 -4.24 0.00	33.17 -3.89 0.00	29.42 -2.56 0.00	25.82 -2.40 0.00
MODERN_LFGE__ 323580	7.00 -0.79 -1.07	10.68 -0.95 -0.10	10.35 -0.93 0.16	10.16 -0.90 0.16	10.57 -0.82 -0.28	10.76 -1.00 0.04	10.53 -0.93 0.31	8.90 -0.77 0.56	14.05 -1.63 2.60	19.38 -2.33 4.48	19.07 -2.31 4.04	20.10 -2.26 1.71	20.12 -2.48 3.47	22.69 -2.83 0.18	24.54 -3.01 0.11	24.63 -3.21 0.11	25.95 -3.52 0.14	29.60 -3.58 0.00	31.08 -3.96 0.00	35.31 -4.68 0.00	36.11 -4.24 0.00	33.17 -3.89 0.00	29.42 -2.56 0.00	25.82 -2.40 0.00
MOHAWK_PAPER__DRP 24187	33.09 0.28 -26.08	31.91 0.50 -19.88	28.84 0.49 -16.90	28.05 0.48 -16.35	25.92 0.39 -16.41	28.04 0.51 -15.72	25.12 0.51 -12.85	29.25 0.44 -18.58	30.61 0.75 -11.58	32.60 1.10 -5.30	34.77 1.09 -8.25	35.65 1.01 -10.57	35.93 1.10 -8.76	33.59 1.05 -6.84	33.53 1.13 -4.74	33.76 1.15 -4.66	33.84 1.18 -3.04	34.51 1.33 0.00	36.33 1.30 0.00	41.46 1.48 0.00	41.92 1.57 0.00	38.50 1.45 0.00	33.32 1.34 0.00	29.52 1.30 0.00
MOHICAN__35_KV_115KV_LD 80490	33.80 0.43 -26.65	32.61 0.76 -20.32	29.47 0.76 -17.27	28.67 0.74 -16.71	26.47 0.58 -16.77	28.66 0.78 -16.07	25.67 0.78 -13.13	29.89 0.68 -18.98	31.39 1.28 -11.83	33.53 1.91 -5.42	35.61 1.75 -8.43	36.51 1.64 -10.80	36.75 1.72 -8.95	34.23 1.54 -6.99	34.16 1.66 -4.84	34.36 1.65 -4.76	34.71 1.98 -3.11	35.41 2.22 0.00	37.46 2.42 0.00	42.82 2.84 0.00	43.29 2.95 0.00	39.80 2.74 0.00	34.25 2.27 0.00	30.17 1.95 0.00
MONGAUP__HYD 23641	28.68 0.41 -21.54	28.65 0.69 -16.43	26.10 0.70 -13.96	25.41 0.68 -13.51	23.24 0.57 -13.56	25.54 0.74 -12.99	23.14 0.76 -10.62	26.24 0.66 -15.35	29.03 1.19 -9.56	32.18 1.60 -4.38	33.74 1.50 -6.82	34.17 1.37 -8.73	34.80 1.49 -7.24	32.79 1.44 -5.65	33.12 1.55 -3.92	33.37 1.56 -3.85	33.85 1.72 -2.51	35.18 1.99 0.00	37.10 2.07 0.00	42.34 2.36 0.00	42.93 2.58 0.00	39.50 2.45 0.00	33.93 1.95 0.00	29.89 1.66 0.00

MONTAUK___DIESEL 23721	30.07 0.71 -22.64	29.72 0.93 -17.26	26.85 0.73 -14.68	26.10 0.68 -14.19	23.97 0.60 -14.25	26.16 0.70 -13.65	23.75 0.84 -11.16	27.17 0.81 -16.13	30.00 1.66 -10.05	33.24 2.44 -4.60	40.39 2.59 -12.37	42.50 2.26 -16.16	42.57 2.48 -14.02	43.29 2.44 -15.16	42.68 2.66 -12.36	43.33 2.68 -12.69	47.11 2.96 -14.53	46.86 3.05 -10.62	47.16 3.08 -9.04	48.02 3.52 -4.52	47.71 3.59 -3.77	43.34 3.22 -3.06	34.73 2.75 0.00	30.54 2.31 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	7.29 -0.98 -1.55	10.40 -1.59 -0.46	10.01 -1.57 -0.14	9.84 -1.51 -0.13	10.47 -1.24 -2.60	10.47 -1.58 -0.24	10.21 -1.47 0.08	8.84 -1.16 0.24	14.34 -1.52 2.42	19.75 -1.96 4.48	19.64 -1.81 3.98	20.93 -1.59 1.55	21.12 -1.56 3.39	23.38 -2.26 0.06	25.26 -2.38 0.02	25.55 -2.38 0.02	27.45 -2.07 0.09	31.10 -2.09 0.00	32.80 -2.24 0.00	37.47 -2.52 0.00	38.33 -2.02 0.00	35.06 -2.00 0.00	30.77 -1.22 0.00	26.45 -1.78 0.00
MORRIS_RIDGE___SOLAR 323848	-2.55 -0.57 8.71	0.29 -0.89 10.35	0.49 -0.87 10.08	0.60 -0.84 9.78	11.28 -0.71 -2.87	2.11 -0.87 8.82	2.33 -0.81 8.62	-3.51 -0.66 13.09	-2.66 -1.08 19.87	-1.77 -1.49 26.47	-1.83 -1.50 25.75	7.89 -1.44 14.74	1.53 -1.49 23.06	19.08 -1.95 4.66	22.43 -2.07 3.15	22.82 -2.04 3.10	25.32 -1.90 2.40	31.33 -1.86 0.00	33.18 -1.86 0.00	38.07 -1.92 0.00	38.85 -1.49 0.00	35.65 -1.41 0.00	31.21 -0.77 0.00	27.38 -0.85 0.00
MORTIMER_115KV_TB3 55949	9.36 -0.25 -2.88	13.41 -0.31 -2.20	13.00 -0.31 -1.87	12.75 -0.28 -1.81	10.68 -0.25 -1.81	13.23 -0.32 -1.74	12.90 -0.28 -1.42	12.07 -0.21 -2.05	18.83 -0.73 -1.28	25.82 -0.97 -0.59	25.35 -0.99 -0.91	24.28 -0.96 -1.17	26.05 -0.99 -0.97	25.71 -0.75 -0.76	27.41 -0.77 -0.52	27.60 -0.87 -0.51	28.89 -1.07 -0.34	32.22 -0.96 0.00	33.92 -1.12 0.00	38.71 -1.28 0.00	39.38 -0.97 0.00	36.13 -0.93 0.00	31.47 -0.51 0.00	27.35 -0.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.00 0.64 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.71 2.03 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.70 2.72 0.00	43.17 2.82 0.00	39.61 2.56 0.00	34.03 2.05 0.00	30.26 2.03 0.00
MUNSVILLE_WIND_PWR 323609	16.30 0.31 -9.27	19.25 0.52 -7.20	18.15 0.54 -6.17	17.72 0.53 -5.97	15.06 0.41 -5.54	18.12 0.59 -5.72	16.99 0.51 -4.72	17.58 0.49 -6.85	23.79 0.82 -4.69	30.09 1.13 -2.77	30.29 1.12 -3.75	29.31 1.08 -4.16	31.08 1.17 -3.83	29.11 0.90 -2.52	30.48 1.08 -1.74	30.78 1.12 -1.71	32.20 1.45 -1.13	34.84 1.66 0.00	36.86 1.82 0.00	42.30 2.32 0.00	43.05 2.70 0.00	39.58 2.52 0.00	34.00 2.02 0.00	29.92 1.69 0.00
N SALMON___HYD 24042	6.64 -0.09 0.00	11.30 -0.23 0.00	11.20 -0.24 0.00	10.96 -0.26 0.00	8.92 -0.19 0.00	11.55 -0.26 0.00	11.49 -0.27 0.00	9.98 -0.26 0.00	17.83 -0.46 0.00	25.57 -0.63 0.00	24.84 -0.58 0.00	23.54 -0.53 0.00	25.42 -0.65 0.00	25.11 -0.59 0.00	27.05 -0.61 0.00	27.42 -0.53 0.00	29.08 -0.53 0.00	32.69 -0.50 0.00	34.62 -0.42 0.00	39.66 -0.32 0.00	39.98 -0.36 0.00	36.80 -0.26 0.00	31.66 -0.32 0.00	27.91 -0.31 0.00
N.AKRON__115KV_KNAPP 355671	7.48 -0.59 -1.34	11.27 -0.69 -0.43	10.92 -0.69 -0.16	10.72 -0.65 -0.15	10.69 -0.60 -2.18	11.33 -0.72 -0.24	11.08 -0.66 0.03	9.56 -0.53 0.14	15.10 -1.22 1.96	20.83 -1.73 3.64	20.42 -1.78 3.22	21.08 -1.76 1.24	21.43 -1.90 2.74	23.56 -2.11 0.03	25.38 -2.27 0.01	25.51 -2.43 0.01	26.95 -2.61 0.06	30.66 -2.52 0.00	32.27 -2.77 0.00	36.79 -3.20 0.00	37.60 -2.74 0.00	34.54 -2.52 0.00	30.45 -1.54 0.00	26.19 -2.03 0.00
N.BELMOR_69_KV_BK1 55787	30.00 0.64 -22.64	29.76 0.97 -17.26	27.01 0.89 -14.68	26.28 0.86 -14.19	24.08 0.72 -14.25	26.35 0.89 -13.65	23.91 0.99 -11.16	27.23 0.87 -16.13	30.02 1.68 -10.05	33.26 2.46 -4.60	40.29 2.49 -12.37	42.59 2.36 -16.16	42.68 2.58 -14.02	43.37 2.52 -15.16	42.70 2.68 -12.36	43.39 2.74 -12.69	47.05 2.90 -14.53	47.06 3.25 -10.62	47.30 3.22 -9.04	48.10 3.60 -4.52	47.83 3.71 -3.77	43.49 3.37 -3.06	34.83 2.85 0.00	30.68 2.46 0.00
N.E_GEN_SANDY PD 24062	48.60 0.34 -41.53	41.40 0.59 -29.28	34.20 0.58 -22.18	35.40 0.58 -23.60	35.60 0.46 -26.02	32.50 0.60 -20.09	36.20 0.62 -23.81	39.70 0.54 -28.92	36.47 0.97 -17.22	39.38 1.41 -11.77	43.00 1.37 -16.21	45.00 1.27 -19.65	45.10 1.41 -17.62	45.80 1.36 -18.74	43.80 1.44 -14.70	44.00 1.45 -14.60	46.20 1.54 -15.04	49.80 1.72 -14.89	49.30 1.68 -12.58	55.20 1.88 -13.34	57.57 1.98 -15.25	47.10 1.82 -8.23	40.40 1.60 -6.82	32.63 1.44 -2.97
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.43 0.46 -22.25	29.24 0.75 -16.97	26.61 0.74 -14.42	25.91 0.74 -13.95	23.72 0.60 -14.01	26.01 0.78 -13.42	23.55 0.82 -10.96	26.81 0.73 -15.85	29.51 1.35 -9.88	32.63 1.91 -4.52	34.32 1.86 -7.04	34.84 1.76 -9.02	35.45 1.90 -7.47	33.41 1.88 -5.84	33.70 1.99 -4.05	33.97 2.04 -3.98	34.37 2.16 -2.60	35.54 2.36 0.00	37.35 2.31 0.00	42.50 2.52 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.93 1.95 0.00	30.09 1.86 0.00
N.QUEENS_27_KV_LOAD 356247	29.94 0.56 -22.65	29.72 0.93 -17.26	27.05 0.94 -14.67	26.33 0.92 -14.19	24.11 0.74 -14.26	26.37 0.91 -13.65	23.81 0.89 -11.15	27.13 0.77 -16.13	29.78 1.44 -10.05	32.79 1.99 -4.60	34.39 1.81 -7.16	34.93 1.68 -9.17	35.53 1.85 -7.60	33.54 1.90 -5.94	33.79 2.02 -4.12	34.01 2.01 -4.04	34.39 2.13 -2.64	35.58 2.39 0.00	37.28 2.24 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.32 2.26 0.00	33.80 1.82 0.00	30.60 2.37 0.00
N.TROY___115KV_TB1 355778	33.32 0.30 -26.30	32.10 0.52 -20.05	29.00 0.51 -17.05	28.22 0.50 -16.49	26.08 0.41 -16.55	28.20 0.53 -15.86	25.25 0.53 -12.96	29.44 0.47 -18.73	30.80 0.84 -11.68	32.78 1.23 -5.35	34.94 1.19 -8.32	35.86 1.13 -10.66	36.11 1.20 -8.83	33.73 1.13 -6.90	33.66 1.22 -4.78	33.88 1.23 -4.70	34.02 1.33 -3.07	34.68 1.49 0.00	36.54 1.51 0.00	41.70 1.72 0.00	42.16 1.82 0.00	38.72 1.67 0.00	33.45 1.47 0.00	29.58 1.35 0.00
NARROWS_GT1_1 24228	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
NARROWS_GT1_2 24229	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01

NARROWS_GT1_3 24230	29.91	29.68	27.01	26.29	24.06	26.33	23.82	27.15	29.80	32.87	34.52	35.05	35.69	33.67	33.96	34.18	34.60	35.78	37.53	42.71	43.21	39.65	34.09	30.27
	0.54	0.89	0.89	0.88	0.69	0.87	0.91	0.79	1.46	2.07	1.93	1.81	2.01	2.03	2.18	2.18	2.34	2.59	2.49	2.72	2.86	2.59	2.11	2.03
	-22.65	-17.26	-14.67	-14.19	-14.25	-13.65	-11.15	-16.13	-10.05	-4.60	-7.16	-9.17	-7.60	-5.94	-4.12	-4.04	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NARROWS_GT1_4 24231	29.91	29.68	27.01	26.29	24.06	26.33	23.82	27.15	29.80	32.87	34.52	35.05	35.69	33.67	33.96	34.18	34.60	35.78	37.53	42.71	43.21	39.65	34.09	30.27
	0.54	0.89	0.89	0.88	0.69	0.87	0.91	0.79	1.46	2.07	1.93	1.81	2.01	2.03	2.18	2.18	2.34	2.59	2.49	2.72	2.86	2.59	2.11	2.03
	-22.65	-17.26	-14.67	-14.19	-14.25	-13.65	-11.15	-16.13	-10.05	-4.60	-7.16	-9.17	-7.60	-5.94	-4.12	-4.04	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NARROWS_GT1_5 24232	29.91	29.68	27.01	26.29	24.06	26.33	23.82	27.15	29.80	32.87	34.52	35.05	35.69	33.67	33.96	34.18	34.60	35.78	37.53	42.71	43.21	39.65	34.09	30.27
	0.54	0.89	0.89	0.88	0.69	0.87	0.91	0.79	1.46	2.07	1.93	1.81	2.01	2.03	2.18	2.18	2.34	2.59	2.49	2.72	2.86	2.59	2.11	2.03
	-22.65	-17.26	-14.67	-14.19	-14.25	-13.65	-11.15	-16.13	-10.05	-4.60	-7.16	-9.17	-7.60	-5.94	-4.12	-4.04	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NARROWS_GT1_6 24233	29.91	29.68	27.01	26.29	24.06	26.33	23.82	27.15	29.80	32.87	34.52	35.05	35.69	33.67	33.96	34.18	34.60	35.78	37.53	42.71	43.21	39.65	34.09	30.27
	0.54	0.89	0.89	0.88	0.69	0.87	0.91	0.79	1.46	2.07	1.93	1.81	2.01	2.03	2.18	2.18	2.34	2.59	2.49	2.72	2.86	2.59	2.11	2.03
	-22.65	-17.26	-14.67	-14.19	-14.25	-13.65	-11.15	-16.13	-10.05	-4.60	-7.16	-9.17	-7.60	-5.94	-4.12	-4.04	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NARROWS_GT1_7 24234	29.91	29.68	27.01	26.29	24.06	26.33	23.82	27.15	29.80	32.87	34.52	35.05	35.69	33.67	33.96	34.18	34.60	35.78	37.53	42.71	43.21	39.65	34.09	30.27
	0.54	0.89	0.89	0.88	0.69	0.87	0.91	0.79	1.46	2.07	1.93	1.81	2.01	2.03	2.18	2.18	2.34	2.59	2.49	2.72	2.86	2.59	2.11	2.03
	-22.65	-17.26	-14.67	-14.19	-14.25	-13.65	-11.15	-16.13	-10.05	-4.60	-7.16	-9.17	-7.60	-5.94	-4.12	-4.04	-2.64	0.00	0.00	0.00	0.00	0.00	0.00	-0.01
NARROWS_GT1_8 24235	29.91	29.68	27.01	26.29	24.06	26.33	23.82	27.15	29.80	32.87	34.52	35.05	35.69	33.67	33.96	34.18	34.60	35.78	37.53	42.71	43.21	39.65	34.09	30.27
	0.54	0.89	0.89	0.88	0.69	0.87	0.91	0.79	1.46	2.07	1.93	1.81	2.01	2.03	2.18	2.18	2.34	2.59	2.49	2.72	2.86	2.59	2.11	2.03
	-22.65	-17.26	-14.67																					

NCHELSEA_115KV_TR2 355582	29.89 0.45 -22.72	29.61 0.76 -17.32	26.92 0.76 -14.73	26.21 0.74 -14.24	24.02 0.61 -14.30	26.30 0.79 -13.70	23.78 0.82 -11.19	27.15 0.73 -16.18	29.74 1.37 -10.09	32.78 1.96 -4.62	34.52 1.91 -7.19	35.08 1.81 -9.21	35.64 1.93 -7.63	33.53 1.88 -5.96	33.78 1.99 -4.13	34.02 2.01 -4.06	34.40 2.13 -2.65	35.54 2.36 0.00	37.39 2.35 0.00	42.58 2.60 0.00	43.13 2.78 0.00	39.61 2.56 0.00	34.06 2.08 0.00	30.14 1.92 0.00
NEG CAPITAL___MECHNVIL 23645	33.63 0.36 -26.54	32.41 0.65 -20.24	29.28 0.64 -17.20	28.49 0.63 -16.64	26.31 0.49 -16.70	28.46 0.65 -16.00	25.49 0.65 -13.08	29.71 0.57 -18.91	31.13 1.06 -11.78	33.19 1.60 -5.40	35.37 1.55 -8.40	36.27 1.44 -10.75	36.55 1.56 -8.92	34.10 1.44 -6.96	34.06 1.58 -4.82	34.23 1.54 -4.74	34.43 1.72 -3.10	35.11 1.92 0.00	37.00 1.96 0.00	42.26 2.28 0.00	42.73 2.38 0.00	39.28 2.22 0.00	33.87 1.89 0.00	29.83 1.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	9.22 -0.30 -2.80	13.24 -0.43 -2.14	12.83 -0.42 -1.82	12.57 -0.40 -1.76	10.54 -0.34 -1.76	13.06 -0.44 -1.69	12.74 -0.40 -1.38	11.91 -0.32 -2.00	18.65 -0.88 -1.24	25.61 -1.15 -0.57	25.14 -1.17 -0.89	24.07 -1.13 -1.14	25.84 -1.17 -0.94	25.46 -0.98 -0.74	27.14 -1.02 -0.51	27.36 -1.09 -0.50	28.67 -1.27 -0.33	31.89 -1.29 0.00	33.60 -1.44 0.00	38.34 -1.64 0.00	38.97 -1.37 0.00	35.76 -1.30 0.00	31.09 -0.90 0.00	27.29 -0.93 0.00
NEG CENTRAL___DRP 24199	10.67 -0.05 -4.00	14.79 -0.03 -3.29	14.29 -0.03 -2.88	13.98 -0.03 -2.79	11.05 -0.04 -1.98	14.44 -0.01 -2.65	14.03 0.01 -2.25	13.56 0.03 -3.30	21.06 -0.04 -2.82	28.59 -0.03 -2.42	28.09 -0.10 -2.76	26.30 -0.12 -2.35	28.65 -0.08 -2.66	26.70 -0.21 -1.21	28.24 -0.25 -0.83	28.52 -0.25 -0.82	30.00 -0.18 -0.56	33.09 -0.10 0.00	35.00 -0.04 0.00	40.03 0.04 0.00	40.59 0.24 0.00	37.24 0.19 0.00	32.24 0.26 0.00	28.22 0.00 0.00
NEG CENTRAL___INDECK 23768	19.60 -0.20 -13.07	23.81 -0.23 -12.51	22.73 -0.22 -11.51	22.17 -0.20 -11.15	11.44 -0.19 -2.51	21.94 -0.20 -10.33	21.03 -0.14 -9.40	24.16 -0.10 -14.02	34.60 -0.44 -16.75	45.13 -0.63 -19.56	44.51 -0.79 -19.88	36.17 -0.87 -12.97	43.36 -0.89 -18.17	29.75 -1.00 -5.06	30.11 -0.99 -3.45	30.39 -0.95 -3.39	31.20 -0.89 -2.47	32.59 -0.60 0.00	34.69 -0.35 0.00	39.99 0.00 0.00	40.83 0.49 0.00	37.43 0.37 0.00	32.59 0.61 0.00	28.54 0.31 0.00
NEG CENTRAL___SENECA 23627	11.46 -0.08 -4.82	15.51 -0.08 -4.06	14.96 -0.07 -3.58	14.62 -0.07 -3.47	11.22 -0.06 -2.17	15.04 -0.05 -3.28	14.57 -0.01 -2.82	14.39 0.01 -4.15	22.03 -0.05 -3.80	29.68 -0.05 -3.54	29.18 -0.15 -3.91	27.02 -0.17 -3.12	29.65 -0.13 -3.71	26.90 -0.31 -1.51	28.37 -0.33 -1.04	28.64 -0.34 -1.02	30.08 -0.24 -0.71	33.05 -0.13 0.00	35.00 -0.04 0.00	40.03 0.04 0.00	40.67 0.32 0.00	37.32 0.26 0.00	32.33 0.35 0.00	28.25 0.03 0.00
NEG CENTRAL___STATE_STREET 24147	9.84 0.00 -3.12	13.94 0.03 -2.38	13.50 0.03 -2.02	13.21 0.03 -1.96	11.10 0.02 -1.96	13.75 0.06 -1.88	13.37 0.07 -1.54	12.53 0.07 -2.22	19.74 0.07 -1.39	26.96 0.13 -0.63	26.49 0.08 -0.99	25.38 0.05 -1.26	27.20 0.08 -1.05	26.52 0.00 -0.82	28.20 -0.03 -0.57	28.48 -0.03 -0.56	29.98 0.00 -0.36	33.25 0.07 0.00	35.18 0.14 0.00	40.23 0.24 0.00	40.75 0.40 0.00	37.39 0.33 0.00	32.27 0.29 0.00	28.34 0.11 0.00
NEG MILLWOOD___DRP 24198	30.04 0.48 -22.84	29.75 0.81 -17.41	27.05 0.80 -14.81	26.33 0.79 -14.32	24.14 0.65 -14.38	26.42 0.84 -13.77	23.89 0.87 -11.25	27.27 0.77 -16.27	29.87 1.44 -10.14	32.96 2.12 -4.64	34.74 2.08 -7.23	35.32 2.00 -9.26	35.94 2.19 -7.67	33.82 2.13 -5.99	34.05 2.24 -4.15	34.32 2.29 -4.08	34.68 2.40 -2.66	35.84 2.65 0.00	37.60 2.56 0.00	42.82 2.84 0.00	43.37 3.03 0.00	39.72 2.67 0.00	34.12 2.14 0.00	30.26 2.03 0.00
NEG NORTH_FLCN_SEA 23793	6.67 -0.05 0.00	11.37 -0.16 0.00	11.26 -0.18 0.00	11.03 -0.19 0.00	8.97 -0.15 0.00	11.60 -0.21 0.00	11.53 -0.24 0.00	10.01 -0.23 0.00	17.90 -0.38 0.00	25.67 -0.52 0.00	24.91 -0.51 0.00	23.61 -0.46 0.00	25.50 -0.57 0.00	25.21 -0.49 0.00	27.19 -0.47 0.00	27.53 -0.42 0.00	29.26 -0.36 0.00	32.85 -0.33 0.00	34.72 -0.32 0.00	39.71 -0.28 0.00	40.02 -0.32 0.00	36.80 -0.26 0.00	31.72 -0.26 0.00	28.00 -0.23 0.00
NEG NORTH_KES_CHATEGAY 23792	6.61 -0.11 0.00	11.26 -0.27 0.00	11.15 -0.29 0.00	10.93 -0.29 0.00	8.89 -0.23 0.00	11.49 -0.32 0.00	11.42 -0.34 0.00	9.91 -0.33 0.00	17.70 -0.59 0.00	25.36 -0.84 0.00	24.61 -0.81 0.00	23.32 -0.75 0.00	25.19 -0.89 0.00	24.90 -0.80 0.00	26.88 -0.77 0.00	27.23 -0.73 0.00	28.91 -0.71 0.00	32.49 -0.70 0.00	34.41 -0.63 0.00	39.35 -0.64 0.00	39.66 -0.69 0.00	36.46 -0.59 0.00	31.40 -0.58 0.00	27.74 -0.48 0.00
NEG NORTH___ALICE_FALLS 23915	6.68 -0.05 0.00	11.37 -0.16 0.00	11.27 -0.17 0.00	11.03 -0.19 0.00	8.97 -0.15 0.00	11.60 -0.21 0.00	11.54 -0.22 0.00	10.01 -0.23 0.00	17.90 -0.38 0.00	25.67 -0.52 0.00	24.94 -0.48 0.00	23.64 -0.43 0.00	25.53 -0.55 0.00	25.21 -0.49 0.00	27.19 -0.47 0.00	27.56 -0.39 0.00	29.29 -0.33 0.00	32.89 -0.30 0.00	34.79 -0.25 0.00	39.83 -0.16 0.00	40.14 -0.20 0.00	36.91 -0.15 0.00	31.79 -0.19 0.00	28.03 -0.20 0.00
NEG NORTH___LWR_SARANAC 23913	6.68 -0.05 0.00	11.37 -0.16 0.00	11.27 -0.17 0.00	11.03 -0.19 0.00	8.97 -0.15 0.00	11.60 -0.21 0.00	11.54 -0.22 0.00	10.01 -0.23 0.00	17.90 -0.38 0.00	25.67 -0.52 0.00	24.94 -0.48 0.00	23.64 -0.43 0.00	25.53 -0.55 0.00	25.21 -0.49 0.00	27.19 -0.47 0.00	27.56 -0.39 0.00	29.29 -0.33 0.00	32.89 -0.30 0.00	34.79 -0.25 0.00	39.83 -0.16 0.00	40.14 -0.20 0.00	36.91 -0.15 0.00	31.79 -0.19 0.00	28.03 -0.20 0.00
NEG NORTH___PLATTSBURG 23628	6.68 -0.05 0.00	11.37 -0.16 0.00	11.27 -0.17 0.00	11.03 -0.19 0.00	8.97 -0.15 0.00	11.60 -0.21 0.00	11.54 -0.22 0.00	10.01 -0.23 0.00	17.90 -0.38 0.00	25.67 -0.52 0.00	24.94 -0.48 0.00	23.64 -0.43 0.00	25.52 -0.55 0.00	25.23 -0.46 0.00	27.19 -0.47 0.00	27.56 -0.39 0.00	29.29 -0.33 0.00	32.89 -0.30 0.00	34.79 -0.24 0.00	39.83 -0.16 0.00	40.15 -0.20 0.00	36.91 -0.15 0.00	31.79 -0.19 0.00	28.03 -0.20 0.00
NEG WEST_LEA_LOCKPORT 23791	7.02 -0.71 -1.01	10.65 -0.92 -0.05	10.33 -0.90 0.21	10.14 -0.88 0.21	10.59 -0.77 -2.25	10.77 -0.96 0.08	10.52 -0.91 0.34	8.88 -0.74 0.62	14.08 -1.55 2.65	19.41 -2.23 4.56	19.10 -2.21 4.11	20.17 -2.14 1.76	20.21 -2.32 3.54	22.98 -2.52 0.20	24.80 -2.74 0.12	24.90 -2.93 0.12	26.30 -3.17 0.15	30.00 -3.19 0.00	31.50 -3.54 0.00	35.83 -4.16 0.00	36.63 -3.71 0.00	33.65 -3.41 0.00	29.81 -2.17 0.00	25.63 -2.60 0.00
NEG WEST___LANCASTR 23811	7.23 -0.86 -1.36	10.48 -1.31 -0.27	10.10 -1.30 0.04	9.91 -1.27 0.04	10.65 -1.06 -2.59	10.53 -1.36 -0.08	10.24 -1.29 0.23	8.71 -1.06 0.46	15.03 -0.53 2.72	20.62 -0.73 4.85	20.32 -0.76 4.34	21.55 -0.75 1.77	21.57 -0.78 3.72	22.73 -2.83 0.14	24.46 -3.13 0.08	24.66 -3.21 0.08	27.03 -2.46 0.13	30.23 -2.95 0.00	31.81 -3.22 0.00	36.27 -3.72 0.00	37.04 -3.31 0.00	33.98 -3.08 0.00	29.87 -2.11 0.00	25.74 -2.48 0.00

NEG_PENN_ALLEGHNY 23528	14.89 0.03 -8.13	17.83 0.10 -6.20	16.81 0.10 -5.27	16.43 0.11 -5.10	14.30 0.07 -5.12	16.83 0.12 -4.90	15.90 0.13 -4.01	16.15 0.12 -5.79	22.18 0.29 -3.61	28.27 0.42 -1.65	28.40 0.41 -2.57	27.73 0.36 -3.30	29.22 0.42 -2.73	28.01 0.18 -2.13	29.33 0.19 -1.48	29.60 0.20 -1.45	30.86 0.30 -0.95	33.48 0.30 0.00	35.35 0.31 0.00	40.34 0.36 0.00	40.87 0.52 0.00	37.50 0.45 0.00	32.43 0.45 0.00	28.54 0.31 0.00
NEG___GEN_MONROE 24207	8.96 -0.30 -2.53	12.99 -0.37 -1.83	12.60 -0.35 -1.52	12.35 -0.34 -1.47	10.65 -0.29 -1.83	12.87 -0.37 -1.43	12.56 -0.33 -1.13	11.58 -0.27 -1.61	18.09 -0.86 -0.67	24.81 -1.21 0.18	24.33 -1.25 -0.15	23.53 -1.25 -0.71	25.03 -1.33 -0.28	25.16 -1.13 -0.60	26.83 -1.24 -0.42	27.05 -1.31 -0.41	28.36 -1.51 -0.26	31.76 -1.43 0.00	33.46 -1.58 0.00	38.27 -1.72 0.00	38.93 -1.41 0.00	35.76 -1.30 0.00	31.24 -0.74 0.00	27.15 -1.07 0.00
NEPA___ENERGY 23901	7.20 -0.66 -1.13	10.59 -0.96 -0.02	10.23 -0.94 0.27	10.04 -0.91 0.27	10.96 -0.77 -2.61	10.71 -0.97 0.13	10.42 -0.92 0.42	8.75 -0.73 0.76	14.25 -0.90 3.13	19.59 -1.23 5.38	19.34 -1.22 4.86	20.80 -1.18 2.09	20.66 -1.23 4.19	23.45 -2.00 0.24	25.32 -2.19 0.15	25.57 -2.24 0.15	27.39 -2.04 0.18	31.00 -2.19 0.00	32.65 -2.38 0.00	37.19 -2.80 0.00	37.97 -2.38 0.00	34.80 -2.26 0.00	30.57 -1.41 0.00	26.36 -1.86 0.00
NEVERSINK___HYD 23608	28.10 0.41 -20.97	28.20 0.68 -15.99	25.71 0.67 -13.59	25.04 0.67 -13.15	22.87 0.56 -13.20	25.19 0.73 -12.64	22.84 0.74 -10.33	25.83 0.66 -14.94	28.82 1.23 -9.31	32.19 1.73 -4.26	33.74 1.68 -6.64	34.16 1.59 -8.50	34.79 1.67 -7.04	32.82 1.62 -5.50	33.19 1.72 -3.81	33.43 1.73 -3.75	33.90 1.84 -2.45	35.24 2.06 0.00	37.07 2.03 0.00	42.30 2.32 0.00	42.89 2.54 0.00	39.46 2.41 0.00	33.87 1.89 0.00	29.83 1.61 0.00
NEWKRMKL_115KV_TB1 55635	32.99 0.24 -26.03	31.80 0.43 -19.84	28.75 0.43 -16.87	27.95 0.42 -16.32	25.83 0.34 -16.38	27.94 0.44 -15.69	25.02 0.44 -12.82	29.16 0.39 -18.54	30.44 0.60 -11.55	32.38 0.89 -5.29	34.55 0.89 -8.24	35.46 0.84 -10.55	35.73 0.91 -8.74	33.40 0.87 -6.83	33.33 0.94 -4.73	33.52 0.92 -4.65	33.63 0.98 -3.04	34.25 1.06 0.00	36.05 1.02 0.00	41.10 1.12 0.00	41.56 1.21 0.00	38.17 1.11 0.00	33.04 1.06 0.00	29.35 1.13 0.00
NEWTON___FALLS_HYD 23847	7.28 -0.17 -0.72	11.71 -0.37 -0.55	11.54 -0.37 -0.47	11.30 -0.37 -0.45	9.30 -0.27 -0.45	11.87 -0.38 -0.44	11.73 -0.39 -0.36	10.41 -0.34 -0.51	17.93 -0.68 -0.32	25.32 -1.02 -0.15	24.66 -0.99 -0.23	23.42 -0.94 -0.29	25.25 -1.07 -0.24	24.78 -1.10 -0.19	26.60 -1.19 -0.13	26.88 -1.20 -0.13	28.49 -1.21 -0.08	31.99 -1.19 0.00	34.48 -0.56 0.00	39.59 -0.40 0.00	40.02 -0.32 0.00	36.91 -0.15 0.00	31.69 -0.29 0.00	27.91 -0.31 0.00
NGRID_A1_DSASP 323792	7.04 -0.67 -0.99	10.58 -0.96 -0.01	10.24 -0.95 0.25	10.05 -0.92 0.25	10.54 -0.87 -2.30	10.68 -1.00 0.12	10.44 -0.94 0.38	8.77 -0.79 0.68	13.75 -1.76 2.78	18.94 -2.49 4.77	18.64 -2.47 4.32	19.83 -2.38 1.86	19.80 -2.56 3.72	23.14 -2.34 0.22	24.59 -2.93 0.14	24.63 -3.19 0.13	25.87 -3.58 0.16	29.54 -3.65 0.00	30.97 -4.06 0.00	35.19 -4.80 0.00	35.95 -4.40 0.00	33.02 -4.04 0.00	29.33 -2.65 0.00	25.43 -2.79 0.00
NGRID_A2_DSASP 323793	7.04 -0.67 -0.99	10.58 -0.96 -0.01	10.24 -0.95 0.25	10.05 -0.92 0.25	10.54 -0.87 -2.30	10.68 -1.00 0.12	10.44 -0.94 0.38	8.77 -0.79 0.68	13.75 -1.76 2.78	18.94 -2.49 4.77	18.64 -2.47 4.32	19.83 -2.38 1.86	19.80 -2.56 3.72	23.14 -2.34 0.22	24.59 -2.93 0.14	24.63 -3.19 0.13	25.87 -3.58 0.16	29.54 -3.65 0.00	30.97 -4.06 0.00	35.19 -4.80 0.00	35.95 -4.40 0.00	33.02 -4.04 0.00	29.33 -2.65 0.00	25.43 -2.79 0.00
NGRID_A4_DSASP 323807	7.04 -0.67 -0.99	10.58 -0.96 -0.01	10.24 -0.95 0.25	10.05 -0.92 0.25	10.54 -0.87 -2.30	10.68 -1.00 0.12	10.44 -0.94 0.38	8.77 -0.79 0.68	13.75 -1.76 2.78	18.94 -2.49 4.77	18.64 -2.47 4.32	19.83 -2.38 1.86	19.80 -2.56 3.72	23.14 -2.34 0.22	24.59 -2.93 0.14	24.63 -3.19 0.13	25.87 -3.58 0.16	29.54 -3.65 0.00	30.97 -4.06 0.00	35.19 -4.80 0.00	35.95 -4.40 0.00	33.02 -4.04 0.00	29.33 -2.65 0.00	25.43 -2.79 0.00
NIAGARA_115E_LBMP 323715	6.93 -0.82 -1.03	10.61 -0.97 -0.05	10.27 -0.96 0.21	10.09 -0.92 0.21	10.56 -0.85 -2.30	10.70 -1.03 0.09	10.46 -0.95 0.35	8.82 -0.79 0.63	13.90 -1.68 2.70	19.17 -2.41 4.62	18.86 -2.39 4.17	19.96 -2.33 1.78	19.93 -2.55 3.59	22.54 -2.95 0.20	24.38 -3.15 0.12	24.45 -3.38 0.12	25.76 -3.70 0.15	29.40 -3.78 0.00	30.87 -4.17 0.00	35.07 -4.92 0.00	35.83 -4.52 0.00	32.91 -4.15 0.00	29.23 -2.75 0.00	25.66 -2.57 0.00
NIAGARA_115W_LBMP 323714	7.05 -0.67 -0.99	10.58 -0.96 -0.01	10.25 -0.95 0.25	10.06 -0.92 0.24	10.52 -0.89 -2.30	10.69 -1.00 0.12	10.44 -0.94 0.38	8.77 -0.79 0.67	13.76 -1.76 2.77	18.95 -2.49 4.75	18.66 -2.47 4.30	19.84 -2.38 1.85	19.79 -2.58 3.71	23.12 -2.36 0.22	24.54 -2.99 0.13	24.58 -3.24 0.13	25.84 -3.61 0.16	29.47 -3.72 0.00	30.90 -4.13 0.00	35.07 -4.92 0.00	35.83 -4.52 0.00	32.94 -4.11 0.00	29.26 -2.72 0.00	25.97 -2.26 0.00
NIAGARA_230_LBMP 323716	7.08 -0.69 -1.04	10.65 -0.96 -0.07	10.32 -0.94 0.19	10.13 -0.91 0.19	10.62 -0.77 -2.28	10.75 -0.99 0.06	10.50 -0.94 0.33	8.86 -0.78 0.59	13.96 -1.68 2.64	19.19 -2.41 4.60	18.88 -2.39 4.15	20.00 -2.31 1.76	20.00 -2.50 3.57	23.09 -2.42 0.19	24.94 -2.60 0.11	25.02 -2.82 0.11	26.33 -3.14 0.15	30.00 -3.19 0.00	31.50 -3.54 0.00	35.75 -4.24 0.00	36.47 -3.87 0.00	33.54 -3.52 0.00	29.74 -2.24 0.00	26.14 -2.09 0.00
NIAGARA___115KV_198_GIBSON 55903	7.05 -0.67 -0.99	10.58 -0.96 -0.01	10.25 -0.95 0.25	10.06 -0.92 0.24	10.52 -0.89 -2.30	10.69 -1.00 0.12	10.44 -0.94 0.38	8.77 -0.79 0.67	13.76 -1.76 2.77	18.93 -2.51 4.75	18.66 -2.47 4.30	19.84 -2.38 1.85	19.81 -2.56 3.71	23.14 -2.34 0.22	24.54 -2.99 0.13	24.58 -3.24 0.13	25.84 -3.61 0.16	29.47 -3.72 0.00	30.90 -4.13 0.00	35.07 -4.92 0.00	35.83 -4.52 0.00	32.94 -4.11 0.00	29.26 -2.72 0.00	25.40 -2.82 0.00
NIAGARA____ 23760	7.07 -0.69 -1.03	10.65 -0.96 -0.07	10.32 -0.94 0.19	10.13 -0.91 0.19	10.64 -0.77 -2.30	10.75 -0.99 0.06	10.50 -0.94 0.33	8.86 -0.78 0.59	13.96 -1.68 2.64	19.19 -2.41 4.60	18.88 -2.39 4.15	20.00 -2.31 1.76	20.00 -2.50 3.57	23.08 -2.42 0.20	24.93 -2.60 0.13	25.01 -2.82 0.12	26.32 -3.14 0.15	30.00 -3.19 0.00	31.50 -3.54 0.00	35.75 -4.24 0.00	36.47 -3.87 0.00	33.54 -3.52 0.00	29.74 -2.24 0.00	26.14 -2.09 0.00
NINE_MILE_1 23575	8.11 -0.15 -1.54	12.46 -0.24 -1.18	12.20 -0.24 -1.00	11.95 -0.24 -0.97	9.89 -0.19 -0.97	12.49 -0.25 -0.93	12.29 -0.24 -0.76	11.14 -0.19 -1.10	18.55 -0.42 -0.69	25.91 -0.60 -0.31	25.33 -0.58 -0.49	24.12 -0.58 -0.63	25.99 -0.60 -0.52	25.51 -0.59 -0.40	27.27 -0.66 -0.28	27.53 -0.70 -0.28	29.06 -0.74 -0.18	32.32 -0.86 0.00	34.16 -0.87 0.00	38.99 -1.00 0.00	39.42 -0.93 0.00	36.21 -0.85 0.00	31.25 -0.73 0.00	27.55 -0.68 0.00

NINE_MILE_2 23744	8.11 -0.15 -1.54	12.46 -0.24 -1.17	12.20 -0.24 -1.00	11.95 -0.24 -0.97	9.89 -0.19 -0.97	12.49 -0.25 -0.93	12.29 -0.24 -0.76	11.14 -0.19 -1.10	18.55 -0.42 -0.68	25.91 -0.60 -0.31	25.33 -0.58 -0.49	24.12 -0.58 -0.62	25.99 -0.60 -0.52	25.51 -0.59 -0.40	27.27 -0.66 -0.28	27.53 -0.70 -0.28	29.06 -0.74 -0.18	32.32 -0.86 0.00	34.16 -0.87 0.00	38.99 -1.00 0.00	39.46 -0.89 0.00	36.21 -0.85 0.00	31.25 -0.73 0.00	27.58 -0.65 0.00
NM_CAPITAL___DRP 24208	32.96 0.26 -25.98	31.78 0.45 -19.81	28.73 0.45 -16.84	27.95 0.44 -16.29	25.82 0.36 -16.35	27.93 0.46 -15.66	25.02 0.46 -12.80	29.15 0.41 -18.50	30.47 0.66 -11.53	32.45 0.97 -5.28	34.58 0.94 -8.22	35.49 0.89 -10.53	35.76 0.96 -8.73	33.44 0.93 -6.82	33.38 1.00 -4.72	33.60 1.01 -4.64	33.68 1.04 -3.03	34.35 1.16 0.00	36.12 1.09 0.00	41.22 1.24 0.00	41.64 1.29 0.00	38.28 1.22 0.00	33.13 1.15 0.00	29.41 1.19 0.00
NM_CENTRAL___DRP 24181	8.89 -0.04 -2.21	13.16 -0.05 -1.68	12.84 -0.03 -1.43	12.57 -0.03 -1.38	10.47 -0.04 -1.39	13.10 -0.04 -1.33	12.83 -0.02 -1.09	11.80 -0.01 -1.57	19.19 -0.07 -0.98	26.57 -0.08 -0.45	26.02 -0.10 -0.70	24.87 -0.10 -0.89	26.74 -0.08 -0.74	26.15 -0.13 -0.58	27.89 -0.17 -0.40	28.18 -0.17 -0.39	29.70 -0.18 -0.26	32.95 -0.23 0.00	34.83 -0.21 0.00	39.75 -0.24 0.00	40.22 -0.12 0.00	36.91 -0.15 0.00	31.88 -0.10 0.00	28.05 -0.17 0.00
NM_FRONTIER___DRP 24179	7.05 -0.67 -0.99	10.58 -0.96 -0.01	10.25 -0.95 0.25	10.06 -0.92 0.24	10.52 -0.89 -2.30	10.69 -1.00 0.12	10.44 -0.94 0.38	8.77 -0.79 0.67	13.76 -1.76 2.77	18.93 -2.51 4.75	18.66 -2.47 4.30	19.84 -2.38 1.85	19.81 -2.56 3.71	23.14 -2.34 0.22	24.54 -2.99 0.13	24.58 -3.24 0.13	25.84 -3.61 0.16	29.47 -3.72 0.00	30.90 -4.13 0.00	35.07 -4.92 0.00	35.83 -4.52 0.00	32.94 -4.11 0.00	29.26 -2.72 0.00	25.40 -2.82 0.00
NM_ST_REGIS___HYD 24053	6.93 -0.13 -0.34	11.47 -0.31 -0.26	11.35 -0.31 -0.22	11.11 -0.33 -0.21	9.09 -0.24 -0.21	11.68 -0.33 -0.20	11.59 -0.34 -0.17	10.15 -0.33 -0.24	17.83 -0.60 -0.15	25.40 -0.86 -0.07	24.69 -0.84 -0.11	23.44 -0.77 -0.14	25.25 -0.94 -0.11	24.94 -0.85 -0.09	26.81 -0.91 -0.06	27.15 -0.87 -0.06	28.74 -0.92 -0.04	32.26 -0.93 0.00	34.30 -0.74 0.00	39.35 -0.64 0.00	39.66 -0.69 0.00	36.57 -0.48 0.00	31.47 -0.51 0.00	27.74 -0.48 0.00
NORTHPORT___1 23551	30.03 0.66 -22.65	29.79 1.00 -17.26	27.00 0.88 -14.68	26.26 0.84 -14.19	24.09 0.73 -14.25	26.32 0.86 -13.65	23.93 1.01 -11.16	27.24 0.88 -16.13	30.03 1.70 -10.05	33.24 2.44 -4.60	40.26 2.47 -12.37	42.49 2.26 -16.16	42.60 2.50 -14.02	43.29 2.44 -15.16	42.68 2.66 -12.36	43.33 2.68 -12.69	47.05 2.90 -14.53	47.06 3.25 -10.62	47.26 3.19 -9.04	48.06 3.56 -4.52	47.83 3.71 -3.77	43.49 3.37 -3.06	34.90 2.91 -0.01	30.51 2.29 0.00
NORTHPORT___2 23552	30.03 0.66 -22.65	29.79 1.00 -17.26	27.00 0.88 -14.68	26.26 0.84 -14.19	24.09 0.73 -14.25	26.32 0.86 -13.65	23.93 1.01 -11.16	27.24 0.88 -16.13	30.03 1.70 -10.05	33.24 2.44 -4.60	40.26 2.47 -12.37	42.49 2.26 -16.16	42.60 2.50 -14.02	43.29 2.44 -15.16	42.68 2.66 -12.36	43.33 2.68 -12.69	47.05 2.90 -14.53	47.06 3.25 -10.62	47.26 3.19 -9.04	48.06 3.56 -4.52	47.83 3.71 -3.77	43.49 3.37 -3.06	34.90 2.91 -0.01	30.51 2.29 0.00
NORTHPORT___3 23553	30.02 0.65 -22.65	29.77 0.98 -17.26	26.97 0.86 -14.68	26.25 0.83 -14.19	24.07 0.71 -14.25	26.30 0.84 -13.65	23.89 0.98 -11.16	27.22 0.86 -16.13	30.00 1.66 -10.05	33.18 2.38 -4.60	40.21 2.42 -12.37	42.47 2.24 -16.16	42.54 2.45 -14.02	43.27 2.41 -15.16	42.62 2.60 -12.36	43.27 2.63 -12.69	46.96 2.82 -14.53	46.96 3.15 -10.62	47.19 3.12 -9.04	47.94 3.44 -4.52	47.71 3.59 -3.77	43.41 3.30 -3.06	34.83 2.85 -0.01	30.45 2.23 0.00
NORTHPORT___4 23650	30.02 0.65 -22.65	29.77 0.98 -17.26	26.97 0.86 -14.68	26.25 0.83 -14.19	24.07 0.71 -14.25	26.30 0.84 -13.65	23.89 0.98 -11.16	27.22 0.86 -16.13	30.00 1.66 -10.05	33.18 2.38 -4.60	40.21 2.42 -12.37	42.47 2.24 -16.16	42.54 2.45 -14.02	43.27 2.41 -15.16	42.62 2.60 -12.36	43.27 2.63 -12.69	46.96 2.82 -14.53	46.96 3.15 -10.62	47.19 3.12 -9.04	47.94 3.44 -4.52	47.71 3.59 -3.77	43.41 3.30 -3.06	34.83 2.85 -0.01	30.45 2.23 0.00
NORTHPORT___IC 23718	30.02 0.66 -22.64	29.76 0.97 -17.26	27.00 0.88 -14.68	26.26 0.84 -14.19	24.09 0.73 -14.25	26.32 0.86 -13.65	23.93 1.01 -11.16	27.24 0.88 -16.13	30.03 1.70 -10.05	33.24 2.44 -4.60	40.26 2.47 -12.37	42.50 2.26 -16.16	42.60 2.50 -14.02	43.29 2.44 -15.16	42.68 2.66 -12.36	43.33 2.68 -12.69	47.05 2.90 -14.53	47.02 3.22 -10.62	47.26 3.19 -9.04	48.06 3.56 -4.52	47.83 3.71 -3.77	43.49 3.37 -3.06	34.89 2.91 0.00	30.65 2.43 0.00
NORTH___COUNTRY_ESR 323785	6.60 -0.13 0.00	11.24 -0.29 0.00	11.14 -0.30 0.00	10.91 -0.31 0.00	8.87 -0.25 0.00	11.47 -0.34 0.00	11.40 -0.36 0.00	9.90 -0.34 0.00	17.70 -0.59 0.00	25.36 -0.84 0.00	24.63 -0.79 0.00	23.35 -0.72 0.00	25.24 -0.84 0.00	24.93 -0.77 0.00	26.88 -0.77 0.00	27.25 -0.70 0.00	28.94 -0.68 0.00	32.49 -0.70 0.00	34.34 -0.70 0.00	39.27 -0.72 0.00	39.54 -0.81 0.00	36.35 -0.71 0.00	31.34 -0.64 0.00	27.66 -0.56 0.00
NPX_GEN_1385_PROXY 323591	30.17 0.80 -22.65	30.00 1.21 -17.26	27.10 0.98 -14.68	26.40 0.99 -14.19	24.28 0.92 -14.25	26.43 0.97 -13.65	24.20 1.28 -11.16	27.49 1.13 -16.13	30.31 1.98 -10.05	33.47 2.67 -4.60	40.26 2.47 -12.37	42.49 2.26 -16.16	42.60 2.50 -14.02	43.29 2.44 -15.16	42.76 2.74 -12.36	43.44 2.79 -12.69	47.25 3.11 -14.53	47.49 3.68 -10.62	47.54 3.47 -9.04	48.82 4.32 -4.52	48.44 4.32 -3.77	43.82 3.71 -3.06	35.56 3.55 -0.03	30.65 2.45 0.02
NPX_GEN_CSC 323557	30.12 0.75 -22.65	29.91 1.12 -17.26	27.09 0.97 -14.68	26.35 0.93 -14.19	24.16 0.79 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.31 0.95 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.59 2.80 -12.37	42.66 2.43 -16.16	42.78 2.69 -14.02	43.47 2.62 -15.16	42.98 2.96 -12.36	43.64 2.99 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.75 3.68 -9.04	48.66 4.16 -4.52	48.40 4.27 -3.77	43.93 3.82 -3.06	35.31 3.29 -0.03	30.83 2.63 0.02
NSINS_S_GLNS_FALLS 23858	33.82 0.43 -26.66	32.62 0.76 -20.33	29.48 0.76 -17.28	28.68 0.74 -16.72	26.48 0.58 -16.78	28.67 0.78 -16.08	25.68 0.78 -13.14	29.90 0.68 -18.99	31.40 1.28 -11.84	33.56 1.94 -5.42	35.61 1.75 -8.44	36.51 1.64 -10.80	36.75 1.72 -8.96	34.21 1.52 -7.00	34.17 1.66 -4.85	34.36 1.65 -4.76	34.71 1.98 -3.11	35.41 2.22 0.00	37.46 2.42 0.00	42.82 2.84 0.00	43.29 2.95 0.00	39.80 2.74 0.00	34.25 2.27 0.00	30.17 1.95 0.00
NUCOR_STEEL___DRP 24197	9.75 0.03 -3.00	13.90 0.09 -2.28	13.47 0.09 -1.94	13.19 0.09 -1.88	11.06 0.06 -1.89	13.72 0.11 -1.81	13.36 0.12 -1.48	12.48 0.11 -2.13	19.74 0.13 -1.33	27.02 0.21 -0.61	26.52 0.15 -0.95	25.40 0.12 -1.21	27.24 0.16 -1.01	26.56 0.08 -0.79	28.29 0.08 -0.54	28.54 0.06 -0.54	30.05 0.09 -0.35	33.29 0.10 0.00	35.21 0.18 0.00	40.23 0.24 0.00	40.75 0.40 0.00	37.39 0.33 0.00	32.30 0.32 0.00	28.39 0.17 0.00

NUMBER_THREE_WT_PWR 323818	7.61 -0.15 -1.04	12.00 -0.32 -0.79	11.79 -0.32 -0.67	11.55 -0.33 -0.65	9.52 -0.25 -0.65	12.11 -0.33 -0.63	11.93 -0.34 -0.51	10.70 -0.28 -0.74	18.14 -0.60 -0.46	25.47 -0.94 -0.21	24.84 -0.91 -0.33	23.63 -0.87 -0.42	25.51 -0.91 -0.35	24.91 -1.05 -0.27	26.69 -1.16 -0.19	26.94 -1.20 -0.19	28.61 -1.13 -0.12	32.09 -1.09 0.00	35.28 0.25 0.00	40.50 0.52 0.00	41.07 0.73 0.00	37.80 0.74 0.00	32.46 0.48 0.00	28.56 0.34 0.00
NYISO_LBMP_REFERENCE 24008	6.72 0.00 0.00	11.53 0.00 0.00	11.44 0.00 0.00	11.22 0.00 0.00	9.11 0.00 0.00	11.81 0.00 0.00	11.76 0.00 0.00	10.23 0.00 0.00	18.28 0.00 0.00	26.20 0.00 0.00	25.42 0.00 0.00	24.07 0.00 0.00	26.07 0.00 0.00	25.70 0.00 0.00	27.66 0.00 0.00	27.95 0.00 0.00	29.62 0.00 0.00	33.19 0.00 0.00	35.04 0.00 0.00	39.99 0.00 0.00	40.35 0.00 0.00	37.06 0.00 0.00	31.98 0.00 0.00	28.22 0.00 0.00
NYPA_BRENTWD____GT 24164	30.10 0.73 -22.65	29.91 1.12 -17.26	27.11 0.99 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.33 0.97 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.57 2.77 -12.37	42.78 2.55 -16.16	42.91 2.82 -14.02	43.60 2.75 -15.16	42.98 2.96 -12.36	43.67 3.02 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.72 3.64 -9.04	48.62 4.12 -4.52	48.36 4.24 -3.77	43.93 3.82 -3.06	35.28 3.29 -0.01	30.85 2.63 0.00
NYPA_GOWANUS____GT5 24156	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
NYPA_GOWANUS____GT6 24157	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.18 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.78 2.59 0.00	37.53 2.49 0.00	42.71 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.27 2.03 -0.01
NYPA_HARLEM__RVR__GT1 24160	29.93 0.56 -22.65	29.71 0.91 -17.27	27.04 0.92 -14.68	26.32 0.90 -14.20	24.09 0.72 -14.26	26.35 0.89 -13.65	23.79 0.87 -11.15	27.10 0.75 -16.12	29.71 1.39 -10.04	32.73 1.94 -4.60	34.36 1.78 -7.16	34.90 1.66 -9.17	35.49 1.82 -7.60	33.50 1.87 -5.93	33.73 1.96 -4.11	33.97 1.98 -4.04	34.35 2.10 -2.63	35.50 2.32 0.01	37.24 2.21 0.01	42.38 2.40 0.01	42.88 2.54 0.01	39.27 2.22 0.01	33.76 1.79 0.01	30.37 2.14 0.00
NYPA_HARLEM__RVR__GT2 24161	29.93 0.56 -22.65	29.71 0.91 -17.27	27.04 0.92 -14.68	26.32 0.90 -14.20	24.09 0.72 -14.26	26.35 0.89 -13.65	23.79 0.87 -11.15	27.10 0.75 -16.12	29.71 1.39 -10.04	32.73 1.94 -4.60	34.36 1.78 -7.16	34.90 1.66 -9.17	35.49 1.82 -7.60	33.50 1.87 -5.93	33.73 1.96 -4.11	33.97 1.98 -4.04	34.35 2.10 -2.63	35.50 2.32 0.01	37.24 2.21 0.01	42.38 2.40 0.01	42.88 2.54 0.01	39.27 2.22 0.01	33.76 1.79 0.01	30.37 2.14 0.00
NYPA_KENT____GT 24152	29.90 0.53 -22.64	29.66 0.88 -17.26	27.00 0.88 -14.67	26.28 0.86 -14.19	24.06 0.69 -14.25	26.32 0.86 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.66 1.98 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.15 2.15 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.23 2.00 -0.01
NYPA_POUCH1____GT 24155	29.91 0.54 -22.65	29.68 0.89 -17.26	27.00 0.88 -14.67	26.28 0.86 -14.19	24.06 0.69 -14.25	26.32 0.86 -13.65	23.82 0.91 -11.15	27.14 0.78 -16.13	29.76 1.43 -10.05	32.82 2.02 -4.60	34.47 1.88 -7.16	34.98 1.73 -9.17	35.61 1.93 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.61 2.55 0.00	34.06 2.08 0.00	30.24 2.00 -0.01
NYPA_VERNON____GT2 24162	29.89 0.52 -22.64	29.65 0.87 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.32 0.86 -13.65	23.81 0.89 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.66 1.98 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.12 2.12 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.58 2.60 0.00	43.09 2.74 0.00	39.50 2.45 0.00	34.00 2.02 0.00	30.20 1.98 0.00
NYPA_VERNON____GT3 24163	29.89 0.52 -22.64	29.65 0.87 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.32 0.86 -13.65	23.81 0.89 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.66 1.98 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.12 2.12 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.58 2.60 0.00	43.09 2.74 0.00	39.50 2.45 0.00	34.00 2.02 0.00	30.20 1.98 0.00
NYPA__ASTORIA_CC1 323568	29.90 0.53 -22.64	29.65 0.87 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.31 0.85 -13.65	23.80 0.88 -11.15	27.13 0.77 -16.13	29.74 1.41 -10.05	32.82 2.02 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.61 1.93 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.09 2.10 -4.04	34.48 2.22 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.54 2.56 0.01	43.00 2.66 0.01	39.46 2.41 0.00	33.93 1.95 0.00	30.23 2.00 0.00
NYPA__ASTORIA_CC2 323569	29.90 0.53 -22.64	29.65 0.87 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.31 0.85 -13.65	23.80 0.88 -11.15	27.13 0.77 -16.13	29.74 1.41 -10.05	32.82 2.02 -4.60	34.47 1.88 -7.16	35.00 1.76 -9.17	35.61 1.93 -7.60	33.62 1.98 -5.94	33.88 2.10 -4.12	34.09 2.10 -4.04	34.48 2.22 -2.64	35.64 2.46 0.00	37.39 2.35 0.00	42.54 2.56 0.01	43.00 2.66 0.01	39.46 2.41 0.00	33.93 1.95 0.00	30.23 2.00 0.00
NYPA__HOLTSVILL 23794	30.08 0.71 -22.65	29.86 1.07 -17.26	27.05 0.94 -14.68	26.31 0.90 -14.19	24.13 0.77 -14.25	26.38 0.92 -13.65	23.96 1.05 -11.16	27.28 0.92 -16.13	30.13 1.79 -10.05	33.39 2.59 -4.60	40.46 2.67 -12.37	42.64 2.41 -16.16	42.73 2.63 -14.02	43.45 2.59 -15.16	42.84 2.82 -12.36	43.53 2.88 -12.69	47.25 3.11 -14.53	47.29 3.48 -10.62	47.54 3.47 -9.04	48.42 3.92 -4.52	48.15 4.03 -3.77	43.75 3.63 -3.06	35.12 3.14 -0.01	30.71 2.48 0.00
NYPA__HELLGATE_GT1 24158	29.93 0.56 -22.65	29.71 0.91 -17.27	27.04 0.92 -14.68	26.32 0.90 -14.20	24.09 0.72 -14.26	26.35 0.89 -13.65	23.79 0.87 -11.15	27.10 0.75 -16.12	29.71 1.39 -10.04	32.73 1.94 -4.60	34.36 1.78 -7.16	34.90 1.66 -9.17	35.49 1.82 -7.60	33.50 1.87 -5.93	33.73 1.96 -4.11	33.97 1.98 -4.04	34.35 2.10 -2.63	35.50 2.32 0.01	37.24 2.21 0.01	42.38 2.40 0.01	42.88 2.54 0.01	39.27 2.22 0.01	33.76 1.79 0.01	30.37 2.14 0.00

OSWEGATCHIE___HYD 24044	7.28 -0.17 -0.72	11.71 -0.37 -0.55	11.54 -0.37 -0.47	11.30 -0.37 -0.45	9.30 -0.27 -0.45	11.87 -0.38 -0.44	11.73 -0.39 -0.36	10.41 -0.34 -0.51	17.93 -0.68 -0.32	25.32 -1.02 -0.15	24.66 -0.99 -0.23	23.42 -0.94 -0.29	25.27 -1.04 -0.24	24.81 -1.08 -0.19	26.60 -1.19 -0.13	26.88 -1.20 -0.13	28.48 -1.22 -0.08	31.99 -1.19 0.00	34.48 -0.56 0.00	39.59 -0.40 0.00	40.02 -0.32 0.00	36.91 -0.15 0.00	31.69 -0.29 0.00	27.91 -0.31 0.00
OSWEGO___5 23606	8.39 -0.11 -1.78	12.71 -0.17 -1.36	12.42 -0.17 -1.15	12.17 -0.17 -1.11	10.09 -0.15 -1.12	12.71 -0.18 -1.07	12.47 -0.16 -0.88	11.37 -0.13 -1.27	18.76 -0.31 -0.79	26.11 -0.45 -0.36	25.55 -0.43 -0.56	24.36 -0.43 -0.72	26.23 -0.44 -0.60	25.73 -0.44 -0.47	27.48 -0.50 -0.32	27.74 -0.53 -0.32	29.26 -0.56 -0.21	32.55 -0.63 0.00	34.37 -0.67 0.00	39.27 -0.72 0.00	39.70 -0.65 0.00	36.43 -0.63 0.00	31.47 -0.51 0.00	27.74 -0.48 0.00
OSWEGO___6 23613	8.39 -0.11 -1.78	12.71 -0.17 -1.36	12.42 -0.17 -1.15	12.17 -0.17 -1.11	10.09 -0.15 -1.12	12.71 -0.18 -1.07	12.47 -0.16 -0.88	11.37 -0.13 -1.27	18.76 -0.31 -0.79	26.11 -0.45 -0.36	25.55 -0.43 -0.56	24.36 -0.43 -0.72	26.23 -0.44 -0.60	25.73 -0.44 -0.47	27.48 -0.50 -0.32	27.74 -0.53 -0.32	29.26 -0.56 -0.21	32.55 -0.63 0.00	34.37 -0.67 0.00	39.27 -0.72 0.00	39.70 -0.65 0.00	36.43 -0.63 0.00	31.47 -0.51 0.00	27.74 -0.48 0.00
OUTOKUMPU-AB___DRP 24206	6.98 -0.67 -0.92	10.51 -0.93 0.08	10.18 -0.93 0.34	9.99 -0.90 0.33	10.63 -0.82 -2.33	10.63 -0.98 0.20	10.39 -0.92 0.46	8.69 -0.75 0.79	13.84 -1.48 2.96	19.13 -2.07 5.00	18.80 -2.08 4.54	20.09 -2.00 1.98	20.02 -2.14 3.92	23.15 -2.29 0.26	24.84 -2.66 0.16	24.94 -2.85 0.16	26.38 -3.05 0.18	30.10 -3.09 0.00	31.60 -3.43 0.00	35.99 -4.00 0.00	36.80 -3.55 0.00	33.80 -3.26 0.00	29.90 -2.08 0.00	25.82 -2.40 0.00
OXBOW___BTM 323836	7.02 -0.66 -0.95	10.54 -0.95 0.04	10.22 -0.93 0.30	10.03 -0.90 0.29	10.58 -0.85 -2.32	10.66 -0.99 0.16	10.41 -0.93 0.42	8.74 -0.76 0.74	13.80 -1.61 2.87	19.03 -2.28 4.89	18.73 -2.26 4.43	19.98 -2.17 1.92	19.90 -2.35 3.82	23.14 -2.31 0.24	24.74 -2.77 0.15	24.81 -2.99 0.15	26.15 -3.29 0.17	29.87 -3.32 0.00	31.32 -3.71 0.00	35.63 -4.36 0.00	36.43 -3.91 0.00	33.46 -3.59 0.00	29.68 -2.30 0.00	26.22 -2.00 0.00
OXBOW___ 24026	7.02 -0.66 -0.95	10.54 -0.95 0.04	10.22 -0.93 0.30	10.03 -0.90 0.29	10.59 -0.85 -2.32	10.67 -0.98 0.16	10.41 -0.93 0.42	8.74 -0.76 0.74	13.80 -1.61 2.87	19.03 -2.28 4.89	18.73 -2.26 4.43	19.98 -2.17 1.92	19.93 -2.32 3.82	23.17 -2.29 0.24	24.74 -2.77 0.15	24.81 -2.99 0.15	26.16 -3.29 0.17	29.87 -3.32 0.00	31.32 -3.71 0.00	35.63 -4.36 0.00	36.43 -3.91 0.00	33.46 -3.59 0.00	29.65 -2.33 0.00	25.66 -2.57 0.00
OXY_CHEM_DSASP 323612	7.04 -0.67 -0.99	10.58 -0.96 -0.01	10.24 -0.95 0.25	10.05 -0.92 0.25	10.54 -0.87 -2.30	10.68 -1.00 0.12	10.44 -0.94 0.38	8.77 -0.79 0.68	13.75 -1.76 2.78	18.94 -2.49 4.77	18.64 -2.47 4.32	19.83 -2.38 1.86	19.80 -2.56 3.72	23.14 -2.34 0.22	24.59 -2.93 0.14	24.63 -3.19 0.13	25.87 -3.58 0.16	29.54 -3.65 0.00	30.97 -4.06 0.00	35.19 -4.80 0.00	35.95 -4.40 0.00	33.02 -4.04 0.00	29.33 -2.65 0.00	25.43 -2.79 0.00
OZONE_PARK_ESR 323760	29.90 0.54 -22.64	29.66 0.88 -17.26	27.00 0.88 -14.67	26.28 0.86 -14.19	24.06 0.69 -14.25	26.36 0.90 -13.65	23.87 0.95 -11.15	27.21 0.85 -16.13	29.89 1.55 -10.05	33.00 2.20 -4.60	34.70 2.11 -7.16	35.24 2.00 -9.17	35.87 2.19 -7.60	33.82 2.18 -5.94	34.10 2.32 -4.12	34.34 2.35 -4.04	34.74 2.49 -2.64	35.97 2.79 0.00	37.74 2.70 0.00	42.98 3.00 0.00	43.45 3.11 0.00	39.87 2.82 0.00	34.25 2.27 0.00	30.43 2.20 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	7.04 -0.67 -0.99	10.58 -0.96 -0.01	10.24 -0.95 0.25	10.05 -0.92 0.25	10.54 -0.87 -2.30	10.68 -1.00 0.12	10.44 -0.94 0.38	8.77 -0.79 0.68	13.75 -1.76 2.78	18.94 -2.49 4.77	18.64 -2.47 4.32	19.83 -2.38 1.86	19.80 -2.56 3.72	23.14 -2.34 0.22	24.59 -2.93 0.14	24.63 -3.19 0.13	25.87 -3.58 0.16	29.54 -3.65 0.00	30.97 -4.06 0.00	35.19 -4.80 0.00	35.95 -4.40 0.00	33.02 -4.04 0.00	29.33 -2.65 0.00	25.43 -2.79 0.00
PACKARD___115KV_DUPONT_184 80571	7.04 -0.67 -0.99	10.58 -0.96 -0.01	10.24 -0.95 0.25	10.05 -0.92 0.25	10.54 -0.88 -2.30	10.70 -0.99 0.12	10.44 -0.94 0.38	8.77 -0.79 0.68	13.75 -1.76 2.78	18.93 -2.49 4.77	18.64 -2.47 4.32	19.83 -2.38 1.86	19.77 -2.58 3.72	23.11 -2.36 0.22	24.59 -2.93 0.14	24.63 -3.19 0.13	25.87 -3.58 0.16	29.54 -3.65 0.00	30.97 -4.06 0.00	35.19 -4.80 0.00	35.95 -4.40 0.00	33.02 -4.04 0.00	29.33 -2.65 0.00	25.99 -2.23 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.92 0.55 -22.65	29.70 0.91 -17.26	27.03 0.92 -14.67	26.31 0.90 -14.19	24.09 0.72 -14.26	26.33 0.87 -13.65	23.78 0.86 -11.15	27.09 0.73 -16.13	29.67 1.33 -10.05	32.71 1.91 -4.60	34.37 1.78 -7.16	34.90 1.66 -9.17	35.53 1.85 -7.60	33.51 1.88 -5.94	33.77 1.99 -4.12	33.98 1.98 -4.04	34.39 2.13 -2.64	35.54 2.36 0.00	37.24 2.21 0.00	42.42 2.44 0.00	42.89 2.54 0.00	39.32 2.26 0.00	33.84 1.85 0.00	30.48 2.26 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.02 0.65 -22.65	29.86 1.07 -17.26	27.19 1.08 -14.67	26.48 1.07 -14.19	24.23 0.86 -14.26	26.51 1.05 -13.65	23.95 1.04 -11.15	27.24 0.88 -16.13	29.96 1.63 -10.05	33.11 2.31 -4.60	34.75 2.16 -7.16	35.27 2.02 -9.17	35.89 2.22 -7.60	33.85 2.21 -5.94	34.13 2.35 -4.12	34.34 2.35 -4.04	34.77 2.52 -2.64	35.97 2.79 0.00	37.74 2.70 0.00	42.94 2.96 0.00	43.45 3.11 0.00	39.84 2.78 0.00	34.25 2.27 0.00	30.88 2.65 0.00
PATROON_115KV_TB1 80586	33.08 0.26 -26.10	31.88 0.45 -19.90	28.81 0.45 -16.92	28.02 0.44 -16.36	25.90 0.36 -16.43	28.01 0.46 -15.74	25.08 0.46 -12.86	29.24 0.41 -18.59	30.53 0.66 -11.59	32.47 0.97 -5.31	34.65 0.97 -8.26	35.56 0.91 -10.58	35.83 0.99 -8.77	33.47 0.93 -6.85	33.40 1.00 -4.74	33.62 1.01 -4.66	33.70 1.04 -3.05	34.35 1.16 0.00	36.12 1.09 0.00	41.22 1.24 0.00	41.64 1.29 0.00	38.28 1.22 0.00	33.10 1.12 0.00	29.41 1.19 0.00
PATTRSNVILLE___SOLAR 323815	34.29 0.27 -27.29	32.82 0.48 -20.81	29.61 0.48 -17.69	28.80 0.47 -17.11	26.67 0.37 -17.18	28.76 0.50 -16.46	25.71 0.49 -13.45	30.10 0.42 -19.44	31.13 0.73 -12.12	32.74 1.00 -5.55	34.97 0.91 -8.64	36.00 0.87 -11.06	36.23 0.99 -9.17	33.76 0.90 -7.16	33.61 0.99 -4.96	33.81 0.98 -4.88	33.93 1.13 -3.18	34.51 1.33 0.00	36.44 1.40 0.00	41.66 1.68 0.00	42.12 1.77 0.00	38.68 1.63 0.00	33.35 1.37 0.00	29.41 1.19 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	6.98 -0.80 -1.05	10.29 -1.21 0.02	9.95 -1.19 0.30	9.76 -1.16 0.30	10.66 -0.98 -2.52	10.41 -1.24 0.16	10.14 -1.18 0.44	8.49 -0.96 0.78	14.39 -0.80 3.09	19.83 -1.10 5.27	19.53 -1.12 4.77	20.92 -1.08 2.06	20.81 -1.15 4.12	22.80 -2.65 0.25	24.57 -2.93 0.16	24.75 -3.05 0.15	26.88 -2.55 0.18	30.33 -2.85 0.00	31.92 -3.12 0.00	36.39 -3.60 0.00	37.16 -3.19 0.00	34.09 -2.96 0.00	30.03 -1.95 0.00	25.85 -2.37 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.04 0.48 -22.84	29.75 0.81 -17.41	27.05 0.80 -14.81	26.33 0.79 -14.32	24.14 0.65 -14.38	26.42 0.84 -13.77	23.89 0.87 -11.25	27.27 0.77 -16.27	29.87 1.44 -10.14	32.96 2.12 -4.64	34.74 2.08 -7.23	35.32 2.00 -9.26	35.94 2.19 -7.67	33.82 2.13 -5.99	34.05 2.24 -4.15	34.32 2.29 -4.08	34.68 2.40 -2.66	35.84 2.65 0.00	37.60 2.56 0.00	42.82 2.84 0.00	43.37 3.03 0.00	39.72 2.67 0.00	34.12 2.14 0.00	30.26 2.03 0.00
PEEKSKILL____ 23653	29.70 0.45 -22.52	29.45 0.75 -17.17	26.78 0.74 -14.60	26.07 0.73 -14.12	23.88 0.59 -14.18	26.16 0.77 -13.58	23.67 0.81 -11.10	26.99 0.72 -16.04	29.62 1.33 -10.00	32.69 1.91 -4.58	34.40 1.85 -7.13	34.93 1.73 -9.13	35.54 1.90 -7.57	33.48 1.87 -5.91	33.77 2.02 -4.09	34.02 2.04 -4.02	34.40 2.16 -2.63	35.58 2.39 0.00	37.35 2.31 0.00	42.51 2.52 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.90 1.92 0.00	29.95 1.72 0.00
PGE MADISON__WINDPWR 24146	16.30 0.31 -9.27	19.25 0.52 -7.20	18.15 0.54 -6.17	17.72 0.53 -5.97	15.06 0.41 -5.54	18.12 0.59 -5.72	16.99 0.51 -4.72	17.58 0.49 -6.85	23.79 0.82 -4.69	30.09 1.13 -2.77	30.30 1.12 -3.75	29.31 1.08 -4.16	31.08 1.17 -3.83	29.11 0.90 -2.52	30.48 1.08 -1.74	30.78 1.12 -1.71	32.20 1.45 -1.13	34.85 1.66 0.00	36.86 1.82 0.00	42.30 2.32 0.00	43.05 2.70 0.00	39.58 2.52 0.00	34.00 2.01 0.00	29.89 1.67 0.00
PIERCEFIELD____HYD 23852	6.95 -0.15 -0.38	11.48 -0.33 -0.29	11.35 -0.33 -0.24	11.11 -0.35 -0.24	9.10 -0.26 -0.24	11.68 -0.35 -0.23	11.58 -0.36 -0.19	10.15 -0.35 -0.27	17.81 -0.64 -0.17	25.33 -0.94 -0.08	24.63 -0.92 -0.12	23.38 -0.84 -0.15	25.21 -0.99 -0.13	24.87 -0.93 -0.10	26.73 -1.00 -0.07	27.04 -0.98 -0.07	28.59 -1.07 -0.04	32.12 -1.06 0.00	34.20 -0.84 0.00	39.19 -0.80 0.00	39.50 -0.85 0.00	36.50 -0.56 0.00	31.37 -0.61 0.00	27.69 -0.54 0.00
PINELAWN_CC_1 323563	30.06 0.69 -22.65	29.84 1.05 -17.26	27.04 0.93 -14.68	26.31 0.90 -14.19	24.12 0.76 -14.25	26.37 0.91 -13.65	23.95 1.04 -11.16	27.26 0.90 -16.13	30.09 1.76 -10.05	33.34 2.54 -4.60	40.39 2.59 -12.37	42.64 2.41 -16.16	42.73 2.63 -14.02	43.42 2.57 -15.16	42.79 2.77 -12.36	43.47 2.82 -12.69	47.20 3.05 -14.53	47.22 3.42 -10.62	47.51 3.44 -9.04	48.34 3.84 -4.52	48.08 3.96 -3.77	43.71 3.59 -3.06	35.06 3.07 -0.01	30.68 2.45 0.00
PJM_GEN_HTP_PROXY 323702	29.85 0.49 -22.64	29.58 0.79 -17.26	26.92 0.80 -14.67	26.20 0.79 -14.19	24.00 0.64 -14.25	26.27 0.81 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.76 1.43 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.05 2.05 -0.02	30.06 1.86 0.02
PJM_GEN_KEystone 24065	20.00 -0.07 -13.34	21.43 -0.05 -9.95	19.79 -0.03 -8.38	19.30 -0.03 -8.11	17.97 -0.04 -8.89	19.60 -0.05 -7.83	18.09 0.01 -6.32	19.36 0.03 -9.09	23.48 0.22 -4.97	27.76 0.32 -1.25	28.56 0.28 -2.86	29.06 0.22 -4.78	29.70 0.26 -3.36	28.98 -0.08 -3.36	29.91 -0.08 -2.33	30.13 -0.11 -2.29	31.09 0.00 -1.47	33.27 0.00 -0.08	35.10 -0.14 -0.20	40.27 -0.28 -0.56	40.90 -0.04 -0.60	37.33 -0.07 -0.35	32.10 0.10 -0.02	28.20 0.00 0.02
PJM_GEN_NEPTUNE_PROXY 323594	29.96 0.58 -22.65	29.68 0.89 -17.26	26.90 0.79 -14.68	26.18 0.76 -14.19	24.01 0.65 -14.25	26.24 0.78 -13.65	23.81 0.89 -11.16	27.14 0.78 -16.13	29.85 1.52 -10.05	33.00 2.20 -4.60	40.03 2.24 -12.37	42.30 2.07 -16.16	42.36 2.27 -14.02	43.09 2.23 -15.16	42.43 2.41 -12.36	43.08 2.43 -12.69	46.75 2.61 -14.53	46.69 2.89 -10.62	46.91 2.84 -9.04	47.66 3.16 -4.52	47.39 3.27 -3.77	43.08 2.97 -3.06	34.54 2.53 -0.03	30.23 2.03 0.02
PJM_GEN_VFT_PROXY 323633	29.81 0.46 -22.63	29.53 0.75 -17.25	26.86 0.75 -14.67	26.14 0.73 -14.18	23.95 0.59 -14.24	26.22 0.77 -13.64	23.74 0.82 -11.15	27.09 0.74 -16.12	29.68 1.35 -10.04	32.70 1.91 -4.60	34.41 1.83 -7.16	34.41 1.71 -8.63	34.41 1.88 -6.46	33.53 1.90 -5.93	33.78 2.02 -4.11	34.03 2.04 -4.04	34.41 2.16 -2.63	34.41 2.39 1.17	34.41 2.28 2.90	34.41 2.48 8.06	34.41 2.62 8.56	34.41 2.34 4.98	33.85 1.85 -0.02	29.92 1.72 0.03
PLATSBURG_115KV_PMLD1 355749	6.67 -0.05 0.00	11.37 -0.16 0.00	11.26 -0.18 0.00	11.02 -0.20 0.00	8.97 -0.15 0.00	11.59 -0.22 0.00	11.53 -0.24 0.00	10.00 -0.24 0.00	17.88 -0.40 0.00	25.65 -0.55 0.00	24.91 -0.51 0.00	23.59 -0.48 0.00	25.50 -0.57 0.00	25.18 -0.51 0.00	27.16 -0.50 0.00	27.53 -0.42 0.00	29.23 -0.39 0.00	32.82 -0.37 0.00	34.69 -0.35 0.00	39.67 -0.32 0.00	39.98 -0.36 0.00	36.80 -0.26 0.00	31.69 -0.29 0.00	27.97 -0.25 0.00
PLEASANTVLY____LBMP 24000	30.41 0.41 -23.28	29.96 0.68 -17.75	27.20 0.67 -15.09	26.49 0.67 -14.59	24.30 0.54 -14.65	26.54 0.70 -14.03	23.97 0.74 -11.47	27.47 0.66 -16.58	29.82 1.21 -10.33	32.66 1.73 -4.73	34.47 1.68 -7.37	35.07 1.56 -9.43	35.61 1.72 -7.82	33.50 1.70 -6.11	33.69 1.80 -4.23	33.93 1.82 -4.16	34.26 1.93 -2.72	35.31 2.12 0.00	37.10 2.07 0.00	42.26 2.28 0.00	42.77 2.42 0.00	39.24 2.19 0.00	33.74 1.76 0.00	29.92 1.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.97 0.48 -22.76	29.68 0.80 -17.36	27.00 0.80 -14.75	26.28 0.79 -14.27	24.07 0.63 -14.33	26.35 0.81 -13.72	23.85 0.87 -11.22	27.22 0.77 -16.21	29.81 1.43 -10.11	32.87 2.04 -4.63	34.63 2.01 -7.20	35.17 1.88 -9.22	35.81 2.09 -7.65	33.72 2.06 -5.97	33.95 2.16 -4.14	34.20 2.18 -4.07	34.58 2.31 -2.66	35.77 2.59 0.00	37.53 2.49 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.06 2.08 0.00	30.20 1.98 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.97 0.48 -22.76	29.68 0.80 -17.36	27.00 0.80 -14.75	26.28 0.79 -14.27	24.07 0.63 -14.33	26.35 0.81 -13.72	23.85 0.87 -11.22	27.22 0.77 -16.21	29.81 1.43 -10.11	32.87 2.04 -4.63	34.63 2.01 -7.20	35.17 1.88 -9.22	35.81 2.09 -7.65	33.72 2.06 -5.97	33.95 2.16 -4.14	34.20 2.18 -4.07	34.58 2.31 -2.66	35.77 2.59 0.00	37.53 2.49 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.06 2.08 0.00	30.20 1.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.25 0.43 -23.09	29.86 0.73 -17.61	27.13 0.72 -14.97	26.41 0.71 -14.48	24.22 0.57 -14.53	26.49 0.76 -13.92	23.92 0.78 -11.38	27.37 0.69 -16.45	29.81 1.28 -10.25	32.73 1.83 -4.70	34.51 1.78 -7.31	35.11 1.68 -9.36	35.63 1.80 -7.76	33.50 1.75 -6.06	33.71 1.85 -4.20	33.98 1.90 -4.13	34.29 1.98 -2.69	35.41 2.22 0.00	37.24 2.21 0.00	42.46 2.48 0.00	42.97 2.62 0.00	39.50 2.45 0.00	33.96 1.98 0.00	30.06 1.83 0.00
POLETTI____ 23519	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.76 1.43 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.46 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.00 2.01 0.00	30.23 2.00 0.00

POMONA___ESR 323819	29.43 0.46 -22.25	29.24 0.75 -16.97	26.61 0.74 -14.42	25.91 0.74 -13.95	23.72 0.60 -14.01	26.01 0.78 -13.42	23.55 0.82 -10.96	26.81 0.73 -15.85	29.51 1.35 -9.88	32.63 1.91 -4.52	34.32 1.85 -7.04	34.84 1.76 -9.02	35.45 1.90 -7.47	33.41 1.87 -5.84	33.70 1.99 -4.05	33.97 2.04 -3.98	34.37 2.16 -2.60	35.54 2.36 0.00	37.35 2.31 0.00	42.51 2.52 0.00	43.01 2.66 0.00	39.46 2.41 0.00	33.93 1.95 0.00	29.95 1.72 0.00
PORT_JEFF_3 23555	30.10 0.73 -22.65	29.89 1.10 -17.26	27.08 0.96 -14.68	26.34 0.92 -14.19	24.15 0.78 -14.25	26.41 0.95 -13.65	24.00 1.08 -11.16	27.30 0.94 -16.13	30.16 1.83 -10.05	33.47 2.67 -4.60	40.52 2.72 -12.37	42.71 2.48 -16.16	42.81 2.71 -14.02	43.50 2.65 -15.16	42.92 2.90 -12.36	43.58 2.93 -12.69	47.34 3.20 -14.53	47.36 3.55 -10.62	47.65 3.58 -9.04	48.54 4.04 -4.52	48.28 4.16 -3.77	43.86 3.74 -3.06	35.22 3.23 -0.01	30.79 2.57 0.00
PORT_JEFF_4 23616	30.10 0.73 -22.65	29.89 1.10 -17.26	27.08 0.96 -14.68	26.34 0.92 -14.19	24.15 0.78 -14.25	26.41 0.95 -13.65	24.00 1.08 -11.16	27.30 0.94 -16.13	30.16 1.83 -10.05	33.47 2.67 -4.60	40.52 2.72 -12.37	42.71 2.48 -16.16	42.81 2.71 -14.02	43.50 2.65 -15.16	42.92 2.90 -12.36	43.58 2.93 -12.69	47.34 3.20 -14.53	47.36 3.55 -10.62	47.65 3.58 -9.04	48.54 4.04 -4.52	48.28 4.16 -3.77	43.86 3.74 -3.06	35.22 3.23 -0.01	30.79 2.57 0.00
PORT_JEFF_IC 23713	30.10 0.73 -22.64	29.87 1.08 -17.26	27.09 0.97 -14.68	26.36 0.94 -14.19	24.17 0.80 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.31 0.95 -16.13	30.20 1.86 -10.05	33.50 2.70 -4.60	40.57 2.77 -12.37	42.74 2.50 -16.16	42.86 2.76 -14.02	43.55 2.70 -15.16	42.95 2.93 -12.36	43.64 2.99 -12.69	47.40 3.26 -14.53	47.42 3.62 -10.62	47.72 3.64 -9.04	48.62 4.12 -4.52	48.36 4.24 -3.77	43.93 3.82 -3.06	35.24 3.26 0.00	30.96 2.74 0.00
PPL PILGRIM_ST_GT1 24216	30.10 0.73 -22.65	29.91 1.12 -17.26	27.11 0.99 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.33 0.97 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.57 2.77 -12.37	42.78 2.55 -16.16	42.91 2.82 -14.02	43.60 2.75 -15.16	42.98 2.96 -12.36	43.67 3.02 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.72 3.64 -9.04	48.62 4.12 -4.52	48.36 4.24 -3.77	43.93 3.82 -3.06	35.28 3.29 -0.01	30.85 2.63 0.00
PPL PILGRIM_ST_GT2 24217	30.10 0.73 -22.65	29.91 1.12 -17.26	27.11 0.99 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.33 0.97 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.57 2.77 -12.37	42.78 2.55 -16.16	42.91 2.82 -14.02	43.60 2.75 -15.16	42.98 2.96 -12.36	43.67 3.02 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.72 3.64 -9.04	48.62 4.12 -4.52	48.36 4.24 -3.77	43.93 3.82 -3.06	35.28 3.29 -0.01	30.85 2.63 0.00
PPL_SHRM_GT3 24213	30.12 0.75 -22.65	29.92 1.13 -17.26	27.10 0.98 -14.68	26.36 0.94 -14.19	24.17 0.80 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.62 2.82 -12.37	42.69 2.46 -16.16	42.78 2.69 -14.02	43.47 2.62 -15.16	42.98 2.96 -12.36	43.64 2.99 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.79 3.71 -9.04	48.70 4.20 -4.52	48.44 4.32 -3.77	43.97 3.85 -3.06	35.31 3.33 -0.01	30.88 2.65 0.00
PPL_SHRM_GT4 24214	30.12 0.75 -22.65	29.92 1.13 -17.26	27.10 0.98 -14.68	26.36 0.94 -14.19	24.17 0.80 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.62 2.82 -12.37	42.69 2.46 -16.16	42.78 2.69 -14.02	43.47 2.62 -15.16	42.98 2.96 -12.36	43.64 2.99 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.79 3.71 -9.04	48.70 4.20 -4.52	48.44 4.32 -3.77	43.97 3.85 -3.06	35.31 3.33 -0.01	30.88 2.65 0.00
PROJECT___ORANGE 1 24174	8.93 -0.03 -2.23	13.20 -0.03 -1.70	12.85 -0.03 -1.45	12.60 -0.02 -1.40	10.48 -0.04 -1.41	13.13 -0.02 -1.35	12.85 -0.01 -1.10	11.83 0.00 -1.59	19.22 -0.05 -0.99	26.60 -0.05 -0.45	26.05 -0.08 -0.71	24.90 -0.07 -0.91	26.77 -0.05 -0.75	26.18 -0.10 -0.59	27.93 -0.14 -0.41	28.21 -0.14 -0.40	29.73 -0.15 -0.26	32.99 -0.20 0.00	34.83 -0.21 0.00	39.79 -0.20 0.00	40.27 -0.08 0.00	36.95 -0.11 0.00	31.88 -0.10 0.00	28.05 -0.17 0.00
PROJECT___ORANGE 2 24166	8.93 -0.03 -2.23	13.20 -0.03 -1.70	12.85 -0.03 -1.45	12.60 -0.02 -1.40	10.48 -0.04 -1.41	13.13 -0.02 -1.35	12.85 -0.01 -1.10	11.83 0.00 -1.59	19.22 -0.05 -0.99	26.60 -0.05 -0.45	26.05 -0.08 -0.71	24.90 -0.07 -0.91	26.77 -0.05 -0.75	26.18 -0.10 -0.59	27.93 -0.14 -0.41	28.21 -0.14 -0.40	29.73 -0.15 -0.26	32.99 -0.20 0.00	34.83 -0.21 0.00	39.79 -0.20 0.00	40.27 -0.08 0.00	36.95 -0.11 0.00	31.88 -0.10 0.00	28.05 -0.17 0.00
PUCKETT___SOLAR 323809	15.64 0.13 -8.79	18.48 0.25 -6.70	17.40 0.26 -5.70	16.99 0.26 -5.51	14.84 0.20 -5.53	17.39 0.28 -5.30	16.34 0.25 -4.33	16.73 0.24 -6.26	22.62 0.44 -3.90	28.59 0.60 -1.79	28.79 0.59 -2.78	28.16 0.53 -3.56	29.60 0.57 -2.95	28.36 0.36 -2.31	29.64 0.39 -1.60	29.91 0.39 -1.57	31.20 0.56 -1.03	33.81 0.63 0.00	35.74 0.70 0.00	40.86 0.88 0.00	41.44 1.09 0.00	38.02 0.96 0.00	32.81 0.83 0.00	28.90 0.68 0.00
PYRITES___HYD 24023	7.02 -0.05 -0.35	11.61 -0.18 -0.26	11.48 -0.18 -0.23	11.25 -0.19 -0.22	9.20 -0.14 -0.22	11.82 -0.20 -0.21	11.72 -0.21 -0.17	10.25 -0.24 -0.25	17.94 -0.49 -0.15	25.48 -0.79 -0.07	24.72 -0.81 -0.11	23.42 -0.79 -0.14	25.23 -0.96 -0.12	24.89 -0.90 -0.09	26.75 -0.97 -0.06	27.09 -0.92 -0.06	28.74 -0.92 -0.04	32.42 -0.76 0.00	34.58 -0.46 0.00	39.75 -0.24 0.00	40.10 -0.24 0.00	36.98 -0.07 0.00	31.76 -0.22 0.00	28.00 -0.23 0.00
QUAKERRD_115KV_BK1 80622	9.17 -0.33 -2.78	13.16 -0.48 -2.12	12.77 -0.47 -1.80	12.52 -0.45 -1.74	10.48 -0.38 -1.75	13.00 -0.48 -1.68	12.67 -0.46 -1.37	11.85 -0.37 -1.98	18.55 -0.97 -1.23	25.45 -1.31 -0.57	24.98 -1.32 -0.88	23.92 -1.28 -1.13	25.68 -1.33 -0.93	25.35 -1.08 -0.73	27.00 -1.16 -0.51	27.22 -1.23 -0.50	28.52 -1.42 -0.32	31.76 -1.43 0.00	33.46 -1.58 0.00	38.15 -1.84 0.00	38.73 -1.61 0.00	35.57 -1.48 0.00	30.92 -1.06 0.00	26.93 -1.30 0.00
QUEENSBRY_115KV_TB8 356137	33.84 0.45 -26.67	32.66 0.80 -20.33	29.52 0.79 -17.29	28.72 0.77 -16.72	26.51 0.61 -16.78	28.70 0.81 -16.08	25.72 0.81 -13.14	29.95 0.72 -19.00	31.48 1.35 -11.84	33.66 2.04 -5.42	35.72 1.86 -8.44	36.61 1.73 -10.81	36.86 1.83 -8.96	34.31 1.62 -7.00	34.25 1.74 -4.85	34.45 1.73 -4.76	34.83 2.10 -3.11	35.54 2.36 0.00	37.60 2.56 0.00	43.02 3.04 0.00	43.49 3.15 0.00	39.98 2.93 0.00	34.38 2.40 0.00	30.28 2.06 0.00
RAMAPO___LBMP 323565	29.32 0.43 -22.16	29.14 0.71 -16.90	26.52 0.71 -14.37	25.82 0.71 -13.89	23.64 0.57 -13.95	25.92 0.74 -13.36	23.47 0.79 -10.92	26.72 0.70 -15.79	29.40 1.28 -9.84	32.51 1.81 -4.51	34.22 1.78 -7.01	34.71 1.66 -8.98	35.32 1.80 -7.44	33.31 1.80 -5.82	33.60 1.91 -4.03	33.84 1.93 -3.96	34.25 2.04 -2.59	35.41 2.22 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.85 2.50 0.00	39.32 2.26 0.00	33.80 1.82 0.00	29.97 1.75 0.00

RANKINE____ 23646	6.62 -0.71 -0.60	10.01 -1.05 0.47	9.68 -1.04 0.72	9.50 -1.01 0.71	10.74 -0.85 -2.47	10.19 -1.09 0.53	9.94 -1.04 0.79	8.10 -0.84 1.30	13.27 -1.26 3.75	18.38 -1.76 6.07	18.12 -1.73 5.57	19.84 -1.66 2.57	19.48 -1.75 4.84	22.89 -2.36 0.44	24.80 -2.57 0.28	24.96 -2.71 0.28	26.70 -2.64 0.28	30.46 -2.72 0.00	32.02 -3.01 0.00	36.51 -3.48 0.00	37.32 -3.03 0.00	34.24 -2.82 0.00	30.22 -1.76 0.00	26.02 -2.20 0.00
RAVENSWOOD_GT2_1 24244	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
RAVENSWOOD_GT2_2 24245	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
RAVENSWOOD_GT2_3 24246	29.86 0.50 -22.64	29.61 0.82 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.71 2.03 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.15 2.15 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
RAVENSWOOD_GT2_4 24247	29.86 0.50 -22.64	29.61 0.82 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.15 0.79 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.54 1.96 -7.16	35.07 1.83 -9.17	35.71 2.03 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.15 2.15 -4.04	34.57 2.31 -2.64	35.74 2.56 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.17 2.82 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
RAVENSWOOD_GT3_1 24248	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
RAVENSWOOD_GT3_2 24249	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
RAVENSWOOD_GT3_3 24250	29.87 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.02 0.66 -14.25	26.30 0.84 -13.65	23.81 0.89 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.54 1.96 -7.16	35.10 1.85 -9.17	35.71 2.03 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.61 2.56 0.00	34.06 2.08 0.00	30.28 2.06 0.00
RAVENSWOOD_GT3_4 24251	29.87 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.02 0.66 -14.25	26.30 0.84 -13.65	23.81 0.89 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.54 1.96 -7.16	35.10 1.85 -9.17	35.71 2.03 -7.60	33.67 2.03 -5.94	33.93 2.16 -4.12	34.18 2.18 -4.04	34.57 2.31 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.61 2.56 0.00	34.06 2.08 0.00	30.28 2.06 0.00
RAVENSWOOD_GT_1 23729	29.89 0.52 -22.64	29.65 0.86 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.32 0.86 -13.65	23.81 0.89 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.84 2.04 -4.60	34.49 1.91 -7.16	35.05 1.81 -9.17	35.66 1.98 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.12 2.12 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.46 2.42 0.00	42.58 2.60 0.00	43.09 2.74 0.00	39.50 2.45 0.00	34.00 2.01 0.00	30.37 2.15 0.00
RAVENSWOOD_GT_10 24258	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
RAVENSWOOD_GT_11 24259	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
RAVENSWOOD_GT_4 24252	29.86 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.46 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.25 2.03 0.00
RAVENSWOOD_GT_5 24254	29.86 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.46 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.25 2.03 0.00
RAVENSWOOD_GT_6 24253	29.86 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.46 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.25 2.03 0.00

RAVENSWOOD_GT_7 24255	29.86 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.46 2.42 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.25 2.03 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
RAVENSWOOD_GT_9 24257	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.26 2.03 0.00
RAVENSWOOD___1 23533	29.88 0.52 -22.64	29.64 0.85 -17.26	26.97 0.86 -14.67	26.26 0.84 -14.19	24.04 0.67 -14.25	26.31 0.85 -13.65	23.81 0.89 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.66 1.98 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.12 2.12 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.62 2.64 0.00	43.09 2.74 0.00	39.54 2.48 0.00	34.00 2.02 0.00	30.17 1.95 0.00
RAVENSWOOD___2 23534	29.88 0.52 -22.64	29.63 0.84 -17.26	26.96 0.85 -14.67	26.24 0.83 -14.19	24.04 0.67 -14.25	26.31 0.85 -13.65	23.81 0.89 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.66 1.98 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.12 2.12 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.62 2.64 0.00	43.09 2.74 0.00	39.54 2.48 0.00	34.00 2.02 0.00	30.17 1.95 0.00
RAVENSWOOD___3 23535	29.86 0.50 -22.64	29.60 0.81 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.29 0.83 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.52 1.93 -7.16	35.07 1.83 -9.17	35.69 2.01 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.15 2.15 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.49 2.45 0.00	42.66 2.68 0.00	43.13 2.78 0.00	39.58 2.52 0.00	34.03 2.05 0.00	30.09 1.86 0.00
RAVENSWOOD___4 23820	29.87 0.51 -22.64	29.63 0.84 -17.26	26.96 0.85 -14.67	26.24 0.83 -14.19	24.03 0.66 -14.25	26.30 0.84 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.66 1.98 -7.60	33.64 2.01 -5.94	33.90 2.13 -4.12	34.12 2.12 -4.04	34.51 2.25 -2.64	35.71 2.52 0.00	37.45 2.42 0.00	42.62 2.64 0.00	43.09 2.74 0.00	39.54 2.48 0.00	34.00 2.02 0.00	30.14 1.92 0.00
RCPL_TRUST___DRP 24196	29.89 0.52 -22.64	29.65 0.86 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.68 -14.25	26.35 0.89 -13.65	23.86 0.94 -11.15	27.20 0.84 -16.13	29.89 1.55 -10.05	33.00 2.20 -4.60	34.70 2.11 -7.16	35.24 2.00 -9.17	35.87 2.19 -7.60	33.82 2.18 -5.94	34.10 2.32 -4.12	34.34 2.35 -4.04	34.74 2.49 -2.64	35.94 2.75 0.00	37.74 2.70 0.00	42.94 2.96 0.00	43.41 3.07 0.00	39.80 2.74 0.00	34.22 2.24 0.00	30.40 2.17 0.00
RED___ROCHESTER 323720	9.37 -0.22 -2.86	13.45 -0.25 -2.18	13.04 -0.25 -1.85	12.79 -0.22 -1.79	10.71 -0.20 -1.80	13.27 -0.26 -1.72	12.95 -0.22 -1.41	12.12 -0.15 -2.04	18.93 -0.62 -1.27	26.02 -0.76 -0.58	25.54 -0.79 -0.91	24.44 -0.79 -1.16	26.23 -0.81 -0.96	25.88 -0.57 -0.75	27.57 -0.61 -0.52	27.79 -0.67 -0.51	29.12 -0.83 -0.33	32.46 -0.73 0.00	34.20 -0.84 0.00	38.99 -1.00 0.00	39.70 -0.65 0.00	36.43 -0.63 0.00	31.72 -0.26 0.00	27.80 -0.42 0.00
REGAN___SOLAR 323812	35.44 0.40 -28.32	33.82 0.70 -21.59	30.49 0.70 -18.36	29.65 0.67 -17.75	27.48 0.54 -17.82	29.61 0.72 -17.07	26.43 0.72 -13.95	31.00 0.59 -20.17	31.90 1.04 -12.57	33.34 1.39 -5.76	35.68 1.30 -8.96	36.75 1.20 -11.48	36.86 1.28 -9.51	34.26 1.13 -7.43	34.08 1.27 -5.15	34.30 1.29 -5.06	34.40 1.48 -3.30	35.01 1.82 0.00	37.10 2.07 0.00	42.58 2.60 0.00	43.05 2.70 0.00	39.61 2.55 0.00	34.09 2.11 0.00	29.97 1.75 0.00
RENSSELAER___COGEN 23796	32.83 0.23 -25.88	31.68 0.41 -19.73	28.63 0.41 -16.78	27.85 0.40 -16.23	25.73 0.33 -16.29	27.84 0.42 -15.61	24.94 0.42 -12.75	29.04 0.37 -18.44	30.34 0.57 -11.49	32.30 0.84 -5.26	34.43 0.81 -8.19	35.33 0.77 -10.49	35.60 0.83 -8.69	33.29 0.80 -6.79	33.22 0.86 -4.71	33.44 0.87 -4.62	33.52 0.89 -3.02	34.18 0.99 0.00	35.98 0.95 0.00	41.02 1.04 0.00	41.47 1.13 0.00	38.13 1.08 0.00	32.97 0.99 0.00	29.27 1.04 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.02 0.64 -26.66	32.98 1.13 -20.33	29.85 1.13 -17.28	29.03 1.10 -16.71	26.76 0.87 -16.78	29.05 1.17 -16.07	26.05 1.15 -13.14	30.22 0.99 -18.99	31.98 1.86 -11.84	34.42 2.80 -5.42	36.53 2.67 -8.44	37.33 2.46 -10.80	37.58 2.56 -8.96	34.93 2.24 -7.00	34.97 2.46 -4.85	35.15 2.43 -4.76	35.60 2.87 -3.11	36.47 3.29 0.00	38.68 3.64 0.00	44.38 4.40 0.00	44.90 4.56 0.00	41.35 4.30 0.00	35.47 3.49 0.00	31.13 2.91 0.00
REVERE_CPPR_DRP 24186	8.21 0.13 -1.35	12.77 0.21 -1.03	12.54 0.22 -0.88	12.28 0.21 -0.85	10.14 0.17 -0.85	12.86 0.24 -0.82	12.67 0.24 -0.67	11.42 0.23 -0.96	19.23 0.35 -0.60	26.92 0.45 -0.28	26.31 0.46 -0.43	25.05 0.43 -0.55	27.05 0.52 -0.45	26.41 0.36 -0.36	28.32 0.41 -0.25	28.56 0.36 -0.24	30.25 0.47 -0.16	33.72 0.53 0.00	35.98 0.95 0.00	41.18 1.20 0.00	41.76 1.41 0.00	38.35 1.30 0.00	32.97 0.99 0.00	29.04 0.82 0.00
REYNLDDPA_13_KV_LD 356490	6.68 -0.05 0.00	11.39 -0.14 0.00	11.30 -0.14 0.00	11.08 -0.15 0.00	9.01 -0.10 0.00	11.66 -0.15 0.00	11.60 -0.16 0.00	10.07 -0.16 0.00	18.01 -0.27 0.00	25.83 -0.37 0.00	25.09 -0.33 0.00	23.76 -0.31 0.00	25.71 -0.37 0.00	25.39 -0.31 0.00	27.35 -0.30 0.00	27.67 -0.28 0.00	29.32 -0.30 0.00	32.89 -0.30 0.00	34.76 -0.28 0.00	39.66 -0.32 0.00	39.94 -0.40 0.00	36.72 -0.33 0.00	31.69 -0.29 0.00	27.97 -0.25 0.00
REYNOLDS_115KV_TB3 80639	32.93 0.27 -25.94	31.79 0.48 -19.78	28.73 0.48 -16.81	27.95 0.47 -16.26	25.81 0.37 -16.32	27.93 0.48 -15.64	25.04 0.49 -12.78	29.14 0.43 -18.48	30.53 0.73 -11.52	32.52 1.05 -5.27	34.67 1.04 -8.21	35.57 0.99 -10.51	35.83 1.04 -8.71	33.50 1.00 -6.81	33.45 1.08 -4.72	33.68 1.09 -4.63	33.77 1.13 -3.03	34.45 1.26 0.00	36.26 1.23 0.00	41.34 1.36 0.00	41.80 1.45 0.00	38.39 1.33 0.00	33.26 1.28 0.00	29.49 1.27 0.00

RIVERBAY____ 323610	30.02 0.65 -22.65	29.86 1.07 -17.26	27.19 1.08 -14.67	26.48 1.07 -14.19	24.23 0.86 -14.26	26.51 1.05 -13.65	23.95 1.04 -11.15	27.24 0.88 -16.13	29.96 1.63 -10.05	33.11 2.31 -4.60	34.75 2.16 -7.16	35.27 2.02 -9.17	35.89 2.22 -7.60	33.85 2.21 -5.94	34.13 2.35 -4.12	34.34 2.35 -4.04	34.77 2.52 -2.64	35.97 2.79 0.00	37.74 2.70 0.00	42.94 2.96 0.00	43.45 3.11 0.00	39.84 2.78 0.00	34.25 2.27 0.00	30.88 2.65 0.00
RIVERSIDE_115KV_TB3 55908	32.96 0.26 -25.98	31.78 0.45 -19.81	28.73 0.45 -16.84	27.95 0.44 -16.29	25.82 0.36 -16.35	27.93 0.46 -15.66	25.02 0.46 -12.80	29.15 0.41 -18.50	30.47 0.66 -11.53	32.45 0.97 -5.28	34.58 0.94 -8.22	35.49 0.89 -10.53	35.76 0.96 -8.73	33.44 0.93 -6.82	33.38 1.00 -4.72	33.60 1.01 -4.64	33.68 1.04 -3.03	34.35 1.16 0.00	36.12 1.09 0.00	41.22 1.24 0.00	41.64 1.29 0.00	38.28 1.22 0.00	33.13 1.15 0.00	29.41 1.19 0.00
ROARING____BROOK_WT_PWR 323790	6.54 -0.18 0.00	11.19 -0.33 0.00	11.11 -0.33 0.00	10.90 -0.33 0.00	8.85 -0.26 0.00	11.47 -0.34 0.00	11.41 -0.35 0.00	9.93 -0.31 0.00	17.72 -0.57 0.00	25.38 -0.81 0.00	24.66 -0.76 0.00	23.35 -0.72 0.00	25.29 -0.78 0.00	24.98 -0.72 0.00	26.91 -0.75 0.00	27.25 -0.70 0.00	28.91 -0.71 0.00	32.46 -0.73 0.00	34.34 -0.70 0.00	39.22 -0.76 0.00	39.58 -0.77 0.00	36.35 -0.71 0.00	31.37 -0.61 0.00	27.72 -0.51 0.00
ROCHESRG_115KV_T4 355643	8.91 -0.27 -2.46	12.95 -0.35 -1.77	12.57 -0.34 -1.47	12.32 -0.33 -1.42	10.62 -0.27 -1.78	12.84 -0.35 -1.38	12.54 -0.32 -1.09	11.55 -0.25 -1.56	18.12 -0.80 -0.65	24.94 -1.07 0.19	24.47 -1.09 -0.14	23.70 -1.06 -0.68	25.24 -1.10 -0.27	25.43 -0.85 -0.58	27.18 -0.89 -0.40	27.37 -0.98 -0.40	28.68 -1.18 -0.25	32.06 -1.13 0.00	33.78 -1.26 0.00	38.51 -1.48 0.00	39.18 -1.17 0.00	35.94 -1.11 0.00	31.31 -0.67 0.00	27.24 -0.99 0.00
ROCHESTER_9_IC 23652	9.36 -0.24 -2.87	13.43 -0.29 -2.19	13.03 -0.27 -1.86	12.76 -0.26 -1.80	10.69 -0.23 -1.81	13.26 -0.28 -1.73	12.93 -0.25 -1.41	12.10 -0.18 -2.04	18.88 -0.68 -1.27	25.89 -0.89 -0.59	25.42 -0.92 -0.91	24.34 -0.89 -1.16	26.13 -0.91 -0.97	25.78 -0.67 -0.75	27.49 -0.69 -0.52	27.68 -0.78 -0.51	29.00 -0.95 -0.33	32.32 -0.86 0.00	34.06 -0.98 0.00	38.83 -1.16 0.00	39.50 -0.85 0.00	36.24 -0.82 0.00	31.56 -0.42 0.00	27.43 -0.79 0.00
ROCKVIEW_13_KV_LD 356306	29.86 0.50 -22.64	29.61 0.82 -17.26	26.93 0.81 -14.67	26.21 0.80 -14.19	24.01 0.65 -14.25	26.30 0.84 -13.65	23.81 0.89 -11.15	27.16 0.80 -16.13	29.83 1.50 -10.05	32.92 2.12 -4.60	34.67 2.08 -7.16	35.19 1.95 -9.17	35.84 2.16 -7.60	33.77 2.13 -5.94	34.04 2.27 -4.12	34.29 2.29 -4.04	34.69 2.43 -2.64	35.87 2.69 0.00	37.63 2.59 0.00	42.86 2.88 0.00	43.33 2.99 0.00	39.72 2.67 0.00	34.12 2.14 0.00	30.26 2.03 0.00
ROME____115KV_TB2 80656	8.21 0.13 -1.35	12.77 0.21 -1.03	12.54 0.22 -0.88	12.28 0.21 -0.85	10.14 0.17 -0.85	12.86 0.24 -0.82	12.67 0.24 -0.67	11.42 0.23 -0.96	19.23 0.35 -0.60	26.92 0.45 -0.28	26.31 0.46 -0.43	25.05 0.43 -0.55	27.05 0.52 -0.45	26.41 0.36 -0.36	28.32 0.41 -0.25	28.56 0.36 -0.24	30.25 0.47 -0.16	33.72 0.53 0.00	35.98 0.95 0.00	41.18 1.20 0.00	41.76 1.41 0.00	38.35 1.30 0.00	32.97 0.99 0.00	29.04 0.82 0.00
ROSETON____1 23587	29.81 0.40 -22.69	29.50 0.67 -17.30	26.81 0.66 -14.71	26.10 0.65 -14.22	23.92 0.53 -14.28	26.17 0.68 -13.68	23.67 0.73 -11.18	27.03 0.63 -16.16	29.54 1.19 -10.07	32.49 1.68 -4.61	34.23 1.63 -7.18	34.81 1.54 -9.19	35.37 1.67 -7.62	33.30 1.65 -5.95	33.53 1.74 -4.12	33.80 1.79 -4.05	34.13 1.87 -2.65	35.28 2.09 0.00	37.07 2.03 0.00	42.22 2.24 0.00	42.68 2.34 0.00	39.17 2.11 0.00	33.71 1.73 0.00	29.75 1.52 0.00
ROSETON____2 23588	29.81 0.40 -22.69	29.50 0.67 -17.30	26.81 0.66 -14.71	26.10 0.65 -14.22	23.92 0.53 -14.28	26.17 0.68 -13.68	23.67 0.73 -11.18	27.03 0.63 -16.16	29.54 1.19 -10.07	32.49 1.68 -4.61	34.23 1.63 -7.18	34.81 1.54 -9.19	35.37 1.67 -7.62	33.30 1.65 -5.95	33.53 1.74 -4.12	33.80 1.79 -4.05	34.13 1.87 -2.65	35.28 2.09 0.00	37.07 2.03 0.00	42.22 2.24 0.00	42.68 2.34 0.00	39.17 2.11 0.00	33.71 1.73 0.00	29.75 1.52 0.00
ROTTDRAM_115KV_TB3 80664	33.82 0.24 -26.86	32.42 0.42 -20.48	29.26 0.41 -17.41	28.47 0.40 -16.84	26.35 0.33 -16.91	28.43 0.43 -16.20	25.42 0.42 -13.24	29.74 0.37 -19.13	30.88 0.68 -11.93	32.63 0.97 -5.46	34.84 0.92 -8.50	35.82 0.87 -10.89	36.04 0.94 -9.02	33.64 0.90 -7.05	33.51 0.97 -4.88	33.70 0.95 -4.80	33.82 1.07 -3.13	34.38 1.19 0.00	36.26 1.23 0.00	41.38 1.40 0.00	41.84 1.49 0.00	38.43 1.37 0.00	33.16 1.18 0.00	29.27 1.04 0.00
RUSSELL____1 23602	9.37 -0.22 -2.86	13.45 -0.25 -2.18	13.04 -0.25 -1.85	12.79 -0.22 -1.79	10.71 -0.20 -1.80	13.27 -0.26 -1.72	12.95 -0.22 -1.41	12.12 -0.15 -2.04	18.93 -0.62 -1.27	26.02 -0.76 -0.58	25.54 -0.79 -0.91	24.44 -0.79 -1.16	26.25 -0.78 -0.96	25.88 -0.57 -0.75	27.57 -0.61 -0.52	27.79 -0.67 -0.51	29.12 -0.83 -0.33	32.46 -0.73 0.00	34.20 -0.84 0.00	38.99 -1.00 0.00	39.70 -0.65 0.00	36.43 -0.63 0.00	31.69 -0.29 0.00	27.52 -0.71 0.00
RUSSELL____2 23532	9.37 -0.22 -2.86	13.45 -0.25 -2.18	13.04 -0.25 -1.85	12.79 -0.22 -1.79	10.71 -0.20 -1.80	13.27 -0.26 -1.72	12.95 -0.22 -1.41	12.12 -0.15 -2.04	18.93 -0.62 -1.27	26.02 -0.76 -0.58	25.54 -0.79 -0.91	24.44 -0.79 -1.16	26.25 -0.78 -0.96	25.88 -0.57 -0.75	27.57 -0.61 -0.52	27.79 -0.67 -0.51	29.12 -0.83 -0.33	32.46 -0.73 0.00	34.20 -0.84 0.00	38.99 -1.00 0.00	39.70 -0.65 0.00	36.43 -0.63 0.00	31.69 -0.29 0.00	27.52 -0.71 0.00
RUSSELL____3 23549	9.37 -0.22 -2.86	13.45 -0.25 -2.18	13.04 -0.25 -1.85	12.79 -0.22 -1.79	10.71 -0.20 -1.80	13.27 -0.26 -1.72	12.95 -0.22 -1.41	12.12 -0.15 -2.04	18.93 -0.62 -1.27	26.02 -0.76 -0.58	25.54 -0.79 -0.91	24.44 -0.79 -1.16	26.25 -0.78 -0.96	25.88 -0.57 -0.75	27.57 -0.61 -0.52	27.79 -0.67 -0.51	29.12 -0.83 -0.33	32.46 -0.73 0.00	34.20 -0.84 0.00	38.99 -1.00 0.00	39.70 -0.65 0.00	36.43 -0.63 0.00	31.69 -0.29 0.00	27.52 -0.71 0.00
RUSSELL____4 23556	9.37 -0.22 -2.86	13.45 -0.25 -2.18	13.04 -0.25 -1.85	12.79 -0.22 -1.79	10.71 -0.20 -1.80	13.27 -0.26 -1.72	12.95 -0.22 -1.41	12.12 -0.15 -2.04	18.93 -0.62 -1.27	26.02 -0.76 -0.58	25.54 -0.79 -0.91	24.44 -0.79 -1.16	26.25 -0.78 -0.96	25.88 -0.57 -0.75	27.57 -0.61 -0.52	27.79 -0.67 -0.51	29.12 -0.83 -0.33	32.46 -0.73 0.00	34.20 -0.84 0.00	38.99 -1.00 0.00	39.70 -0.65 0.00	36.43 -0.63 0.00	31.69 -0.29 0.00	27.52 -0.71 0.00
RUSSELL____STATION 23914	9.37 -0.22 -2.86	13.45 -0.25 -2.18	13.04 -0.25 -1.85	12.79 -0.22 -1.79	10.71 -0.20 -1.80	13.27 -0.26 -1.72	12.95 -0.22 -1.41	12.12 -0.15 -2.04	18.93 -0.62 -1.27	26.02 -0.76 -0.58	25.54 -0.79 -0.91	24.44 -0.79 -1.16	26.25 -0.78 -0.96	25.88 -0.57 -0.75	27.57 -0.61 -0.52	27.79 -0.67 -0.51	29.12 -0.83 -0.33	32.46 -0.73 0.00	34.20 -0.84 0.00	38.99 -1.00 0.00	39.70 -0.65 0.00	36.43 -0.63 0.00	31.69 -0.29 0.00	27.52 -0.71 0.00

S SALMON___HYD 24043	8.50 -0.05 -1.82	12.82 -0.09 -1.39	12.54 -0.08 -1.18	12.28 -0.08 -1.14	10.19 -0.07 -1.15	12.84 -0.07 -1.10	12.59 -0.07 -0.90	11.48 -0.05 -1.30	18.93 -0.16 -0.81	26.30 -0.26 -0.37	25.72 -0.28 -0.58	24.52 -0.29 -0.74	26.42 -0.26 -0.61	25.81 -0.36 -0.48	27.55 -0.44 -0.33	27.77 -0.50 -0.33	29.35 -0.47 -0.21	32.65 -0.53 0.00	34.72 -0.32 0.00	39.75 -0.24 0.00	40.35 0.00 0.00	37.09 0.04 0.00	31.95 -0.03 0.00	28.14 -0.08 0.00
S.PERRY___115KV_TB1 80734	19.60 -0.20 -13.07	23.81 -0.23 -12.51	22.73 -0.22 -11.51	22.17 -0.20 -11.15	11.44 -0.19 -2.51	21.94 -0.20 -10.33	21.03 -0.14 -9.40	24.16 -0.10 -14.02	34.60 -0.44 -16.75	45.13 -0.63 -19.56	44.51 -0.79 -19.88	36.17 -0.87 -12.97	43.36 -0.89 -18.17	29.78 -0.98 -5.06	30.11 -1.00 -3.45	30.39 -0.95 -3.39	31.20 -0.89 -2.47	32.59 -0.60 0.00	34.69 -0.35 0.00	39.99 0.00 0.00	40.83 0.48 0.00	37.43 0.37 0.00	32.59 0.61 0.00	28.20 -0.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	6.71 -0.68 -0.66	10.18 -0.98 0.36	9.87 -0.96 0.61	9.69 -0.93 0.60	10.69 -0.79 -2.37	10.36 -1.02 0.44	10.12 -0.95 0.69	8.31 -0.79 1.14	13.32 -1.52 3.44	18.41 -2.15 5.64	18.12 -2.14 5.17	19.67 -2.05 2.35	19.40 -2.19 4.49	23.00 -2.31 0.38	24.87 -2.54 0.25	25.00 -2.71 0.24	26.47 -2.90 0.25	30.23 -2.95 0.00	31.78 -3.26 0.00	36.11 -3.88 0.00	36.92 -3.43 0.00	33.91 -3.15 0.00	30.00 -1.98 0.00	25.80 -2.43 0.00
SAWYER___23_KV_LOAD 55526	6.71 -0.68 -0.66	10.18 -0.98 0.36	9.87 -0.96 0.61	9.69 -0.93 0.60	10.69 -0.79 -2.37	10.36 -1.02 0.44	10.12 -0.95 0.69	8.31 -0.79 1.14	13.32 -1.52 3.44	18.41 -2.15 5.64	18.12 -2.14 5.17	19.67 -2.05 2.35	19.40 -2.19 4.49	23.00 -2.31 0.38	24.87 -2.54 0.25	25.00 -2.71 0.24	26.47 -2.90 0.25	30.23 -2.95 0.00	31.78 -3.26 0.00	36.11 -3.88 0.00	36.92 -3.43 0.00	33.91 -3.15 0.00	30.00 -1.98 0.00	25.80 -2.43 0.00
SELKIRK___I 23801	32.60 0.26 -25.62	31.52 0.46 -19.54	28.51 0.46 -16.61	27.73 0.45 -16.06	25.59 0.36 -16.13	27.73 0.47 -15.45	24.85 0.46 -12.62	28.88 0.40 -18.25	30.35 0.69 -11.37	32.40 1.00 -5.21	34.50 0.97 -8.11	35.37 0.91 -10.38	35.65 0.97 -8.61	33.34 0.92 -6.72	33.31 0.99 -4.66	33.53 1.00 -4.58	33.67 1.06 -2.99	34.41 1.23 0.00	36.23 1.19 0.00	41.30 1.32 0.00	41.80 1.45 0.00	38.43 1.37 0.00	33.20 1.21 0.00	29.38 1.16 0.00
SELKIRK___II 23799	32.69 0.22 -25.74	31.56 0.40 -19.63	28.53 0.40 -16.69	27.75 0.39 -16.14	25.64 0.32 -16.20	27.75 0.41 -15.52	24.86 0.41 -12.68	28.93 0.36 -18.34	30.30 0.58 -11.43	32.29 0.86 -5.23	34.41 0.84 -8.15	35.30 0.79 -10.43	35.56 0.83 -8.65	33.25 0.80 -6.76	33.20 0.86 -4.68	33.42 0.87 -4.60	33.54 0.92 -3.00	34.22 1.03 0.00	36.02 0.98 0.00	41.10 1.12 0.00	41.52 1.17 0.00	38.17 1.11 0.00	32.97 0.99 0.00	29.21 0.99 0.00
SENECA OSWGO___HYD 24041	8.60 -0.11 -1.98	12.88 -0.16 -1.51	12.57 -0.16 -1.29	12.31 -0.16 -1.24	10.23 -0.13 -1.25	12.85 -0.15 -1.20	12.60 -0.14 -0.98	11.54 -0.11 -1.41	18.89 -0.27 -0.88	26.21 -0.39 -0.40	25.67 -0.38 -0.63	24.49 -0.39 -0.80	26.35 -0.39 -0.67	25.80 -0.41 -0.52	27.52 -0.50 -0.36	27.80 -0.50 -0.35	29.32 -0.53 -0.23	32.55 -0.63 0.00	34.44 -0.60 0.00	39.31 -0.68 0.00	39.78 -0.56 0.00	36.50 -0.55 0.00	31.50 -0.48 0.00	27.77 -0.45 0.00
SENECA___115KV_TB3 355854	6.62 -0.71 -0.60	10.01 -1.05 0.47	9.69 -1.03 0.72	9.52 -1.00 0.71	10.74 -0.85 -2.47	10.19 -1.09 0.53	9.95 -1.02 0.79	8.11 -0.83 1.30	13.29 -1.24 3.75	18.40 -1.73 6.07	18.12 -1.73 5.57	19.87 -1.64 2.57	19.48 -1.75 4.84	22.89 -2.36 0.44	24.83 -2.54 0.28	24.99 -2.68 0.28	26.73 -2.61 0.28	30.50 -2.69 0.00	32.06 -2.98 0.00	36.55 -3.44 0.00	37.36 -2.99 0.00	34.28 -2.78 0.00	30.28 -1.70 0.00	26.53 -1.69 0.00
SENECA___ENERGY 23797	10.40 -0.09 -3.76	14.48 -0.09 -3.04	14.00 -0.09 -2.65	13.69 -0.09 -2.56	11.00 -0.08 -1.97	14.18 -0.07 -2.44	13.78 -0.05 -2.06	13.21 -0.03 -3.01	20.59 -0.13 -2.43	27.95 -0.18 -1.94	27.48 -0.23 -2.28	25.89 -0.24 -2.06	28.06 -0.24 -2.22	26.46 -0.33 -1.10	28.06 -0.36 -0.76	28.33 -0.36 -0.75	29.80 -0.33 -0.50	32.92 -0.27 0.00	34.83 -0.21 0.00	39.83 -0.16 0.00	40.39 0.04 0.00	37.02 -0.04 0.00	32.04 0.06 0.00	28.20 -0.03 0.00
SHOEMAKER___GT 23640	28.64 0.37 -21.54	28.58 0.62 -16.43	26.02 0.62 -13.96	25.34 0.62 -13.51	23.18 0.51 -13.56	25.46 0.66 -12.99	23.06 0.68 -10.62	26.17 0.59 -15.35	28.94 1.10 -9.56	32.12 1.55 -4.38	33.74 1.50 -6.82	34.20 1.40 -8.73	34.82 1.51 -7.24	32.81 1.46 -5.65	33.15 1.58 -3.92	33.39 1.59 -3.85	33.82 1.69 -2.51	35.08 1.89 0.00	36.89 1.86 0.00	42.02 2.04 0.00	42.52 2.18 0.00	39.09 2.04 0.00	33.61 1.63 0.00	29.66 1.44 0.00
SHOEMAKR_138KV_BK 111 55601	28.56 0.37 -21.46	28.51 0.62 -16.36	25.97 0.62 -13.91	25.31 0.63 -13.46	23.13 0.51 -13.51	25.41 0.66 -12.94	23.03 0.69 -10.58	26.12 0.59 -15.29	28.91 1.10 -9.53	32.11 1.55 -4.36	33.71 1.50 -6.79	34.19 1.42 -8.70	34.82 1.54 -7.21	32.82 1.49 -5.63	33.16 1.60 -3.90	33.41 1.62 -3.83	33.84 1.72 -2.50	35.11 1.92 0.00	36.89 1.86 0.00	42.06 2.08 0.00	42.52 2.18 0.00	39.09 2.04 0.00	33.61 1.63 0.00	29.78 1.55 0.00
SHOREHAM_IC_1 23715	30.12 0.75 -22.65	29.92 1.13 -17.26	27.10 0.98 -14.68	26.36 0.94 -14.19	24.17 0.80 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.62 2.82 -12.37	42.69 2.46 -16.16	42.78 2.69 -14.02	43.47 2.62 -15.16	42.98 2.96 -12.36	43.64 2.99 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.79 3.71 -9.04	48.70 4.20 -4.52	48.44 4.32 -3.77	43.97 3.85 -3.06	35.31 3.33 -0.01	30.88 2.65 0.00
SHOREHAM_IC_2 23716	30.12 0.75 -22.65	29.92 1.13 -17.26	27.10 0.98 -14.68	26.36 0.94 -14.19	24.17 0.80 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.62 2.82 -12.37	42.69 2.46 -16.16	42.78 2.69 -14.02	43.47 2.62 -15.16	42.98 2.96 -12.36	43.64 2.99 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.79 3.71 -9.04	48.70 4.20 -4.52	48.44 4.32 -3.77	43.97 3.85 -3.06	35.31 3.33 -0.01	30.88 2.65 0.00
SISSONVILLE____ 23735	6.95 -0.15 -0.38	11.48 -0.33 -0.29	11.35 -0.33 -0.24	11.11 -0.35 -0.24	9.10 -0.26 -0.24	11.68 -0.35 -0.23	11.58 -0.36 -0.19	10.15 -0.35 -0.27	17.81 -0.64 -0.17	25.33 -0.94 -0.08	24.63 -0.92 -0.12	23.38 -0.84 -0.15	25.21 -0.99 -0.13	24.87 -0.93 -0.10	26.73 -1.00 -0.07	27.04 -0.98 -0.07	28.59 -1.07 -0.04	32.12 -1.06 0.00	34.20 -0.84 0.00	39.19 -0.80 0.00	39.50 -0.85 0.00	36.50 -0.56 0.00	31.37 -0.61 0.00	27.69 -0.54 0.00
SITHE_IND_GS1 24169	8.13 -0.15 -1.56	12.48 -0.23 -1.19	12.22 -0.23 -1.01	11.97 -0.22 -0.98	9.90 -0.19 -0.98	12.51 -0.24 -0.94	12.31 -0.22 -0.77	11.16 -0.18 -1.11	18.57 -0.40 -0.69	25.94 -0.58 -0.32	25.33 -0.58 -0.49	24.15 -0.55 -0.63	26.02 -0.57 -0.52	25.54 -0.57 -0.41	27.31 -0.64 -0.28	27.56 -0.67 -0.28	29.09 -0.71 -0.18	32.36 -0.83 0.00	34.16 -0.87 0.00	39.03 -0.96 0.00	39.46 -0.89 0.00	36.21 -0.85 0.00	31.28 -0.70 0.00	27.58 -0.65 0.00

SITHE_IND_GS2 24170	8.13 -0.15 -1.56	12.48 -0.23 -1.19	12.22 -0.23 -1.01	11.97 -0.22 -0.98	9.90 -0.19 -0.98	12.51 -0.24 -0.94	12.31 -0.22 -0.77	11.16 -0.18 -1.11	18.57 -0.40 -0.69	25.94 -0.58 -0.32	25.33 -0.58 -0.49	24.15 -0.55 -0.63	26.02 -0.57 -0.52	25.54 -0.57 -0.41	27.31 -0.64 -0.28	27.56 -0.67 -0.28	29.09 -0.71 -0.18	32.36 -0.83 0.00	34.16 -0.87 0.00	39.03 -0.96 0.00	39.46 -0.89 0.00	36.21 -0.85 0.00	31.28 -0.70 0.00	27.58 -0.65 0.00
SITHE_IND_GS3 24171	8.13 -0.15 -1.56	12.48 -0.23 -1.19	12.22 -0.23 -1.01	11.97 -0.22 -0.98	9.90 -0.19 -0.98	12.51 -0.24 -0.94	12.31 -0.22 -0.77	11.16 -0.18 -1.11	18.57 -0.40 -0.69	25.94 -0.58 -0.32	25.33 -0.58 -0.49	24.15 -0.55 -0.63	26.02 -0.57 -0.52	25.54 -0.57 -0.41	27.31 -0.64 -0.28	27.56 -0.67 -0.28	29.09 -0.71 -0.18	32.36 -0.83 0.00	34.16 -0.87 0.00	39.03 -0.96 0.00	39.46 -0.89 0.00	36.21 -0.85 0.00	31.28 -0.70 0.00	27.58 -0.65 0.00
SITHE_IND_GS4 24172	8.13 -0.15 -1.56	12.48 -0.23 -1.19	12.22 -0.23 -1.01	11.97 -0.22 -0.98	9.90 -0.19 -0.98	12.51 -0.24 -0.94	12.31 -0.22 -0.77	11.16 -0.18 -1.11	18.57 -0.40 -0.69	25.94 -0.58 -0.32	25.33 -0.58 -0.49	24.15 -0.55 -0.63	26.02 -0.57 -0.52	25.54 -0.57 -0.41	27.31 -0.64 -0.28	27.56 -0.67 -0.28	29.09 -0.71 -0.18	32.36 -0.83 0.00	34.16 -0.87 0.00	39.03 -0.96 0.00	39.46 -0.89 0.00	36.21 -0.85 0.00	31.28 -0.70 0.00	27.58 -0.65 0.00
SITHE___BATAVIA 24024	7.84 -0.48 -1.60	11.72 -0.54 -0.73	11.36 -0.54 -0.45	11.15 -0.50 -0.43	10.74 -0.47 -2.10	11.74 -0.57 -0.49	11.48 -0.51 -0.22	10.07 -0.40 -0.23	15.86 -1.02 1.39	21.85 -1.44 2.90	21.42 -1.50 2.50	21.74 -1.52 0.82	22.34 -1.64 2.09	24.00 -1.80 -0.11	25.83 -1.91 -0.08	26.02 -2.01 -0.08	27.46 -2.16 0.00	31.16 -2.03 0.00	32.87 -2.17 0.00	37.51 -2.48 0.00	38.33 -2.02 0.00	35.17 -1.89 0.00	30.93 -1.05 0.00	27.09 -1.13 0.00
SITHE___INDEPEND 23800	8.13 -0.15 -1.56	12.48 -0.23 -1.19	12.22 -0.23 -1.01	11.97 -0.22 -0.98	9.90 -0.19 -0.98	12.51 -0.24 -0.94	12.31 -0.22 -0.77	11.16 -0.18 -1.11	18.57 -0.40 -0.69	25.94 -0.58 -0.32	25.33 -0.58 -0.49	24.15 -0.55 -0.63	26.02 -0.57 -0.52	25.54 -0.57 -0.41	27.31 -0.64 -0.28	27.56 -0.67 -0.28	29.09 -0.71 -0.18	32.36 -0.83 0.00	34.16 -0.88 0.00	39.03 -0.96 0.00	39.46 -0.89 0.00	36.20 -0.85 0.00	31.28 -0.70 0.00	27.52 -0.71 0.00
SITHE___MASSENA 23902	6.67 -0.05 0.00	11.37 -0.16 0.00	11.28 -0.16 0.00	11.05 -0.17 0.00	9.00 -0.12 0.00	11.63 -0.18 0.00	11.57 -0.19 0.00	10.04 -0.19 0.00	17.95 -0.33 0.00	25.73 -0.47 0.00	24.99 -0.43 0.00	23.68 -0.39 0.00	25.61 -0.47 0.00	25.28 -0.41 0.00	27.24 -0.41 0.00	27.56 -0.39 0.00	29.20 -0.41 0.00	32.79 -0.40 0.00	34.69 -0.35 0.00	39.66 -0.32 0.00	39.94 -0.40 0.00	36.76 -0.30 0.00	31.66 -0.32 0.00	27.94 -0.28 0.00
SITHE___OGDNSBRG 24021	6.70 -0.02 0.00	11.40 -0.13 0.00	11.31 -0.13 0.00	11.09 -0.13 0.00	9.02 -0.09 0.00	11.67 -0.14 0.00	11.61 -0.15 0.00	10.05 -0.18 0.00	17.88 -0.40 0.00	25.54 -0.65 0.00	24.71 -0.71 0.00	23.40 -0.67 0.00	25.24 -0.83 0.00	24.93 -0.77 0.00	26.86 -0.80 0.00	27.20 -0.75 0.00	28.88 -0.74 0.00	32.62 -0.56 0.00	34.72 -0.32 0.00	39.87 -0.12 0.00	40.22 -0.12 0.00	37.06 0.00 0.00	31.85 -0.13 0.00	28.08 -0.14 0.00
SITHE___STERLING 23777	8.36 0.12 -1.52	12.89 0.21 -1.16	12.63 0.21 -0.98	12.37 0.20 -0.95	10.23 0.16 -0.95	12.95 0.22 -0.91	12.74 0.24 -0.75	11.53 0.22 -1.08	19.30 0.35 -0.67	26.95 0.44 -0.31	26.33 0.43 -0.48	25.09 0.41 -0.61	27.05 0.47 -0.51	26.45 0.36 -0.40	28.32 0.39 -0.28	28.58 0.36 -0.27	30.27 0.47 -0.18	33.68 0.50 0.00	35.77 0.74 0.00	40.91 0.92 0.00	41.44 1.09 0.00	38.06 1.00 0.00	32.78 0.80 0.00	28.90 0.68 0.00
SLEIGHT__34_KV_TB1 80719	9.37 -0.18 -2.83	13.45 -0.23 -2.16	13.04 -0.23 -1.83	12.78 -0.21 -1.77	10.70 -0.19 -1.78	13.29 -0.22 -1.71	12.97 -0.19 -1.39	12.11 -0.14 -2.01	19.03 -0.51 -1.26	26.12 -0.65 -0.58	25.63 -0.69 -0.89	24.54 -0.67 -1.15	26.35 -0.68 -0.95	25.87 -0.57 -0.74	27.56 -0.61 -0.51	27.81 -0.64 -0.51	29.18 -0.77 -0.33	32.46 -0.73 0.00	34.23 -0.81 0.00	39.11 -0.88 0.00	39.70 -0.65 0.00	36.43 -0.63 0.00	31.60 -0.38 0.00	27.57 -0.65 0.00
SOUTH CAIRO___GT 23612	32.22 0.32 -25.17	31.30 0.58 -19.19	28.33 0.57 -16.32	27.55 0.55 -15.78	25.41 0.46 -15.84	27.60 0.61 -15.18	24.77 0.60 -12.40	28.70 0.53 -17.93	30.37 0.91 -11.17	32.57 1.26 -5.12	34.51 1.12 -7.96	35.30 1.04 -10.20	35.52 0.99 -8.46	33.23 0.93 -6.60	33.20 0.97 -4.58	33.46 1.01 -4.50	33.68 1.13 -2.94	34.78 1.59 0.00	36.75 1.72 0.00	42.06 2.08 0.00	42.65 2.30 0.00	39.39 2.33 0.00	33.96 1.98 0.00	30.09 1.86 0.00
SOUTH HAMPTN___IC 23720	30.13 0.76 -22.65	29.91 1.12 -17.26	27.06 0.95 -14.68	26.32 0.91 -14.19	24.14 0.77 -14.25	26.38 0.92 -13.65	23.98 1.06 -11.16	27.31 0.95 -16.13	30.22 1.88 -10.05	33.55 2.75 -4.60	40.64 2.85 -12.37	42.74 2.50 -16.16	42.86 2.76 -14.02	43.55 2.70 -15.16	43.01 2.99 -12.36	43.67 3.02 -12.69	47.43 3.29 -14.53	47.39 3.59 -10.62	47.72 3.64 -9.04	48.66 4.16 -4.52	48.36 4.24 -3.77	43.90 3.78 -3.06	35.25 3.26 -0.01	30.82 2.59 0.00
SOUTHDOW_115KV_TB1 355954	7.99 -0.83 -2.09	11.20 -1.34 -1.00	10.76 -1.33 -0.65	10.57 -1.28 -0.62	10.70 -1.06 -2.65	11.15 -1.36 -0.69	10.85 -1.26 -0.34	9.65 -0.98 -0.39	15.60 -1.06 1.62	21.36 -1.34 3.50	21.16 -1.27 2.99	22.00 -1.13 0.93	22.48 -1.10 2.50	23.79 -2.08 -0.17	25.52 -2.27 -0.13	25.82 -2.26 -0.13	27.77 -1.87 -0.02	31.26 -1.92 0.00	32.94 -2.10 0.00	37.67 -2.32 0.00	38.57 -1.78 0.00	35.28 -1.78 0.00	30.96 -1.02 0.00	26.64 -1.58 0.00
SOUTHOLD_69_KV_BK 2 55809	30.12 0.76 -22.64	29.84 1.05 -17.26	26.99 0.87 -14.68	26.23 0.82 -14.19	24.07 0.70 -14.25	26.30 0.84 -13.65	23.89 0.98 -11.16	27.27 0.91 -16.13	30.18 1.85 -10.05	33.50 2.70 -4.60	40.64 2.85 -12.37	42.74 2.50 -16.16	42.83 2.74 -14.02	43.55 2.70 -15.16	42.95 2.93 -12.36	43.61 2.96 -12.69	47.40 3.26 -14.53	47.26 3.45 -10.62	47.58 3.50 -9.04	48.50 4.00 -4.52	48.20 4.07 -3.77	43.75 3.63 -3.06	35.08 3.10 0.00	30.82 2.60 0.00
SOUTHOLD___IC 23719	30.13 0.76 -22.65	29.86 1.07 -17.26	26.98 0.87 -14.68	26.23 0.82 -14.19	24.07 0.70 -14.25	26.30 0.84 -13.65	23.89 0.98 -11.16	27.27 0.91 -16.13	30.18 1.85 -10.05	33.50 2.70 -4.60	40.64 2.85 -12.37	42.74 2.50 -16.16	42.83 2.74 -14.02	43.55 2.70 -15.16	42.95 2.93 -12.36	43.61 2.96 -12.69	47.40 3.26 -14.53	47.26 3.45 -10.62	47.58 3.50 -9.04	48.50 4.00 -4.52	48.19 4.07 -3.77	43.75 3.63 -3.06	35.09 3.10 -0.01	30.68 2.45 0.00
SOUTH_FORK_WT_PWR 323839	30.06 0.69 -22.65	29.72 0.93 -17.26	26.83 0.71 -14.68	26.08 0.66 -14.19	23.95 0.58 -14.25	26.13 0.67 -13.65	23.73 0.81 -11.16	27.15 0.79 -16.13	29.96 1.63 -10.05	33.18 2.38 -4.60	40.34 2.54 -12.37	42.45 2.21 -16.16	42.52 2.43 -14.02	43.24 2.39 -15.16	42.65 2.63 -12.36	43.30 2.66 -12.69	47.05 2.90 -14.53	46.79 2.99 -10.62	47.09 3.01 -9.04	47.94 3.44 -4.52	47.67 3.55 -3.77	43.26 3.15 -3.06	34.67 2.69 -0.01	30.34 2.12 0.00

SPIERFLS_115KV_TB 1 80737	33.82 0.41 -26.68	32.60 0.73 -20.35	29.46 0.72 -17.30	28.66 0.71 -16.73	26.46 0.56 -16.79	28.64 0.74 -16.09	25.65 0.74 -13.15	29.89 0.64 -19.01	31.35 1.22 -11.85	33.46 1.83 -5.43	35.52 1.65 -8.44	36.42 1.54 -10.81	36.65 1.62 -8.96	34.11 1.41 -7.00	34.06 1.55 -4.85	34.23 1.51 -4.77	34.62 1.90 -3.11	35.31 2.12 0.00	37.35 2.31 0.00	42.70 2.72 0.00	43.17 2.82 0.00	39.69 2.63 0.00	34.15 2.17 0.00	30.09 1.86 0.00
ST LAWRENCE____ 23600	6.63 -0.09 0.00	11.32 -0.21 0.00	11.22 -0.22 0.00	11.01 -0.21 0.00	8.95 -0.16 0.00	11.57 -0.24 0.00	11.52 -0.25 0.00	10.00 -0.23 0.00	17.88 -0.40 0.00	25.65 -0.55 0.00	24.89 -0.54 0.00	23.59 -0.48 0.00	25.50 -0.57 0.00	25.18 -0.51 0.00	27.13 -0.53 0.00	27.48 -0.48 0.00	29.11 -0.50 0.00	32.65 -0.53 0.00	34.51 -0.52 0.00	39.43 -0.56 0.00	39.66 -0.69 0.00	36.46 -0.59 0.00	31.47 -0.51 0.00	27.74 -0.48 0.00
STATE_CA_115KV_115_LB 55624	33.09 0.26 -26.11	31.89 0.45 -19.91	28.83 0.46 -16.93	28.03 0.44 -16.37	25.91 0.36 -16.44	28.02 0.46 -15.75	25.09 0.46 -12.87	29.25 0.41 -18.60	30.53 0.66 -11.59	32.48 0.97 -5.31	34.65 0.97 -8.26	35.57 0.91 -10.58	35.84 0.99 -8.77	33.47 0.93 -6.85	33.43 1.02 -4.75	33.62 1.01 -4.67	33.70 1.04 -3.05	34.35 1.16 0.00	36.12 1.09 0.00	41.22 1.24 0.00	41.64 1.29 0.00	38.28 1.22 0.00	33.10 1.12 0.00	29.41 1.19 0.00
STATE_ST_34_KV_LOAD 55959	9.84 0.00 -3.12	13.94 0.03 -2.38	13.50 0.03 -2.02	13.21 0.03 -1.96	11.10 0.02 -1.96	13.75 0.06 -1.88	13.37 0.07 -1.54	12.53 0.07 -2.22	19.74 0.07 -1.39	26.96 0.13 -0.63	26.49 0.08 -0.99	25.38 0.05 -1.26	27.20 0.08 -1.05	26.52 0.00 -0.82	28.20 -0.03 -0.57	28.48 -0.03 -0.56	29.98 0.00 -0.36	33.25 0.07 0.00	35.18 0.14 0.00	40.23 0.24 0.00	40.75 0.40 0.00	37.39 0.33 0.00	32.27 0.29 0.00	28.34 0.11 0.00
STATION 5_MISC_HYD 23604	9.36 -0.24 -2.87	13.43 -0.29 -2.19	13.03 -0.27 -1.86	12.76 -0.26 -1.80	10.69 -0.23 -1.81	13.26 -0.28 -1.73	12.93 -0.25 -1.41	12.10 -0.18 -2.04	18.88 -0.68 -1.27	25.92 -0.86 -0.59	25.44 -0.89 -0.91	24.34 -0.89 -1.16	26.13 -0.91 -0.97	25.78 -0.67 -0.75	27.49 -0.69 -0.52	27.68 -0.78 -0.51	29.00 -0.95 -0.33	32.32 -0.86 0.00	34.06 -0.98 0.00	38.82 -1.16 0.00	39.50 -0.85 0.00	36.24 -0.82 0.00	31.60 -0.38 0.00	27.72 -0.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	9.47 -0.15 -2.90	13.55 -0.18 -2.21	13.13 -0.18 -1.88	12.87 -0.17 -1.82	10.79 -0.15 -1.82	13.38 -0.18 -1.75	13.05 -0.14 -1.43	12.21 -0.09 -2.06	19.17 -0.40 -1.29	26.29 -0.50 -0.59	25.81 -0.53 -0.92	24.71 -0.53 -1.17	26.52 -0.52 -0.97	26.02 -0.44 -0.76	27.71 -0.47 -0.53	27.97 -0.50 -0.52	29.36 -0.59 -0.34	32.66 -0.53 0.00	34.48 -0.56 0.00	39.35 -0.64 0.00	39.98 -0.36 0.00	36.65 -0.41 0.00	31.82 -0.16 0.00	27.74 -0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	9.31 -0.26 -2.84	13.36 -0.33 -2.17	12.95 -0.33 -1.84	12.69 -0.31 -1.78	10.64 -0.26 -1.79	13.18 -0.34 -1.71	12.86 -0.31 -1.40	12.02 -0.24 -2.02	18.79 -0.75 -1.26	25.78 -1.00 -0.58	25.31 -1.02 -0.90	24.23 -0.99 -1.15	26.01 -1.02 -0.96	25.67 -0.77 -0.75	27.37 -0.80 -0.52	27.56 -0.89 -0.51	28.88 -1.07 -0.33	32.19 -1.00 0.00	33.88 -1.16 0.00	38.67 -1.32 0.00	39.30 -1.05 0.00	36.06 -1.00 0.00	31.37 -0.61 0.00	27.29 -0

STONY___BROOK 24151	30.12 0.75 -22.65	29.92 1.13 -17.26	27.10 0.98 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.59 2.80 -12.37	42.78 2.55 -16.16	42.89 2.79 -14.02	43.60 2.75 -15.16	43.01 2.99 -12.36	43.69 3.05 -12.69	47.43 3.29 -14.53	47.49 3.68 -10.62	47.79 3.71 -9.04	48.70 4.20 -4.52	48.44 4.32 -3.77	43.97 3.85 -3.06	35.31 3.33 -0.01	30.85 2.63 0.00
STURGEON_POOL_HYD 23609	30.08 0.39 -22.96	29.68 0.65 -17.51	26.96 0.64 -14.88	26.26 0.64 -14.40	24.09 0.52 -14.45	26.34 0.68 -13.84	23.79 0.72 -11.31	27.23 0.63 -16.36	29.66 1.19 -10.19	32.54 1.68 -4.67	34.32 1.63 -7.27	34.89 1.52 -9.30	35.40 1.62 -7.71	33.31 1.59 -6.03	33.52 1.69 -4.17	33.79 1.73 -4.10	34.10 1.81 -2.68	35.31 2.12 0.00	37.14 2.10 0.00	42.34 2.36 0.00	42.85 2.50 0.00	39.39 2.33 0.00	33.87 1.89 0.00	30.00 1.78 0.00
ST_LAW_115_BK7_LBMP 345037	6.62 -0.10 0.00	11.31 -0.22 0.00	11.21 -0.23 0.00	10.99 -0.24 0.00	8.94 -0.17 0.00	11.56 -0.25 0.00	11.50 -0.26 0.00	9.99 -0.25 0.00	17.86 -0.42 0.00	25.60 -0.60 0.00	24.86 -0.56 0.00	23.54 -0.53 0.00	25.48 -0.60 0.00	25.16 -0.54 0.00	27.11 -0.55 0.00	27.45 -0.50 0.00	29.05 -0.56 0.00	32.59 -0.60 0.00	34.48 -0.56 0.00	39.39 -0.60 0.00	39.62 -0.73 0.00	36.46 -0.59 0.00	31.44 -0.54 0.00	27.72 -0.51 0.00
ST_LAW_115_BK8_LBMP 345038	6.62 -0.10 0.00	11.31 -0.22 0.00	11.21 -0.23 0.00	10.99 -0.24 0.00	8.94 -0.17 0.00	11.56 -0.25 0.00	11.50 -0.26 0.00	9.99 -0.25 0.00	17.86 -0.42 0.00	25.60 -0.60 0.00	24.86 -0.56 0.00	23.54 -0.53 0.00	25.48 -0.60 0.00	25.16 -0.54 0.00	27.11 -0.55 0.00	27.45 -0.50 0.00	29.05 -0.56 0.00	32.59 -0.60 0.00	34.48 -0.56 0.00	39.39 -0.60 0.00	39.62 -0.73 0.00	36.46 -0.59 0.00	31.44 -0.54 0.00	27.72 -0.51 0.00
ST_LAW_230_BK5_LBMP 345035	6.63 -0.09 0.00	11.32 -0.21 0.00	11.22 -0.22 0.00	11.01 -0.21 0.00	8.95 -0.16 0.00	11.57 -0.24 0.00	11.52 -0.25 0.00	10.00 -0.23 0.00	17.88 -0.40 0.00	25.65 -0.55 0.00	24.89 -0.54 0.00	23.59 -0.48 0.00	25.50 -0.57 0.00	25.18 -0.51 0.00	27.13 -0.53 0.00	27.48 -0.48 0.00	29.11 -0.50 0.00	32.65 -0.53 0.00	34.51 -0.52 0.00	39.43 -0.56 0.00	39.66 -0.69 0.00	36.46 -0.59 0.00	31.47 -0.51 0.00	27.74 -0.48 0.00
ST_LAW_230_BK6_LBMP 345036	6.63 -0.09 0.00	11.32 -0.21 0.00	11.22 -0.22 0.00	11.01 -0.21 0.00	8.95 -0.16 0.00	11.57 -0.24 0.00	11.52 -0.25 0.00	10.00 -0.23 0.00	17.88 -0.40 0.00	25.65 -0.55 0.00	24.89 -0.54 0.00	23.59 -0.48 0.00	25.50 -0.57 0.00	25.18 -0.51 0.00	27.13 -0.53 0.00	27.48 -0.48 0.00	29.11 -0.50 0.00	32.65 -0.53 0.00	34.51 -0.52 0.00	39.43 -0.56 0.00	39.66 -0.69 0.00	36.46 -0.59 0.00	31.47 -0.51 0.00	27.74 -0.48 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.94 0.40 -21.81	28.83 0.67 -16.63	26.26 0.67 -14.14	25.57 0.67 -13.68	23.39 0.55 -13.73	25.67 0.71 -13.15	23.25 0.74 -10.75	26.43 0.66 -15.54	29.17 1.21 -9.68	32.33 1.70 -4.44	33.98 1.65 -6.90	34.47 1.56 -8.84	35.10 1.69 -7.33	33.09 1.67 -5.72	33.39 1.77 -3.97	33.64 1.79 -3.90	34.06 1.90 -2.54	35.28 2.09 0.00	37.07 2.03 0.00	42.22 2.24 0.00	42.73 2.38 0.00	39.24 2.19 0.00	33.74 1.76 0.00	29.89 1.67 0.00
SWANROAD_115KV_TB1 355699	6.98 -0.81 -1.06	10.66 -0.96 -0.09	10.32 -0.95 0.17	10.13 -0.92 0.17	10.56 -0.84 -2.28	10.77 -0.99 0.05	10.51 -0.94 0.32	8.88 -0.78 0.58	14.01 -1.65 2.62	19.30 -2.38 4.51	18.99 -2.36 4.07	20.06 -2.29 1.72	20.10 -2.48 3.50	22.64 -2.88 0.18	24.45 -3.10 0.11	24.52 -3.33 0.11	25.86 -3.61 0.14	29.50 -3.68 0.00	30.94 -4.10 0.00	35.19 -4.80 0.00	35.95 -4.40 0.00	33.05 -4.00 0.00	29.29 -2.69 0.00	25.18 -3.05 0.00
SYNERGY___BIOGAS 323694	7.84 -0.48 -1.60	11.72 -0.54 -0.73	11.35 -0.54 -0.45	11.15 -0.50 -0.43	10.74 -0.47 -2.10	11.74 -0.57 -0.49	11.48 -0.51 -0.22	10.07 -0.40 -0.23	15.86 -1.02 1.39	21.85 -1.44 2.90	21.42 -1.50 2.50	21.73 -1.52 0.82	22.36 -1.62 2.09	24.03 -1.77 -0.11	25.83 -1.91 -0.08	26.02 -2.01 -0.08	27.43 -2.19 0.00	31.16 -2.02 0.00	32.87 -2.17 0.00	37.51 -2.48 0.00	38.33 -2.02 0.00	35.17 -1.89 0.00	30.92 -1.06 0.00	26.62 -1.61 0.00
SYRACUSE___ENERGY_ST1 323597	9.24 0.00 -2.51	13.47 0.02 -1.92	13.09 0.02 -1.63	12.83 0.03 -1.57	10.70 0.01 -1.58	13.36 0.04 -1.51	13.05 0.05 -1.24	12.08 0.05 -1.79	19.43 0.04 -1.12	26.79 0.08 -0.51	26.27 0.05 -0.79	25.14 0.05 -1.02	27.00 0.08 -0.84	26.38 0.03 -0.66	28.12 0.00 -0.46	28.37 -0.03 -0.45	29.91 0.00 -0.29	33.15 -0.03 0.00	35.00 -0.04 0.00	39.99 0.00 0.00	40.47 0.12 0.00	37.13 0.07 0.00	32.08 0.10 0.00	28.22 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	9.24 0.00 -2.51	13.47 0.02 -1.92	13.09 0.02 -1.63	12.83 0.03 -1.57	10.70 0.01 -1.58	13.36 0.04 -1.51	13.05 0.05 -1.24	12.08 0.05 -1.79	19.43 0.04 -1.12	26.79 0.08 -0.51	26.27 0.05 -0.79	25.14 0.05 -1.02	27.00 0.08 -0.84	26.38 0.03 -0.66	28.12 0.00 -0.46	28.37 -0.03 -0.45	29.91 0.00 -0.29	33.15 -0.03 0.00	35.00 -0.04 0.00	39.99 0.00 0.00	40.47 0.12 0.00	37.13 0.07 0.00	32.08 0.10 0.00	28.22 0.00 0.00
SYRACUSE___POWER 24017	9.35 -0.01 -2.64	13.54 0.00 -2.01	13.15 0.00 -1.71	12.87 0.00 -1.65	10.76 -0.01 -1.66	13.41 0.01 -1.59	13.09 0.02 -1.30	12.14 0.03 -1.88	19.45 0.00 -1.17	26.76 0.03 -0.54	26.26 0.00 -0.83	25.14 0.00 -1.07	26.98 0.03 -0.89	26.34 -0.05 -0.69	28.05 -0.08 -0.48	28.34 -0.08 -0.47	29.83 -0.09 -0.31	33.09 -0.10 0.00	34.97 -0.07 0.00	39.91 -0.08 0.00	40.43 0.08 0.00	37.09 0.04 0.00	32.01 0.03 0.00	28.17 -0.06 0.00
TALLMAN__138KV_BK151 55660	29.33 0.45 -22.16	29.17 0.75 -16.89	26.55 0.74 -14.36	25.84 0.73 -13.89	23.65 0.59 -13.95	25.94 0.77 -13.36	23.49 0.81 -10.92	26.73 0.72 -15.78	29.45 1.33 -9.84	32.59 1.89 -4.51	34.29 1.86 -7.01	34.78 1.73 -8.98	35.39 1.88 -7.44	33.39 1.88 -5.81	33.68 1.99 -4.03	33.92 2.01 -3.96	34.33 2.13 -2.59	35.51 2.32 0.00	37.31 2.28 0.00	42.46 2.48 0.00	42.97 2.62 0.00	39.43 2.37 0.00	33.90 1.92 0.00	30.06 1.83 0.00
TEALLAVE_115KV_TB7 355573	8.89 -0.04 -2.21	13.16 -0.05 -1.68	12.84 -0.03 -1.43	12.57 -0.03 -1.38	10.47 -0.04 -1.39	13.10 -0.04 -1.33	12.83 -0.02 -1.09	11.80 -0.01 -1.57	19.19 -0.07 -0.98	26.57 -0.08 -0.45	26.02 -0.10 -0.70	24.87 -0.10 -0.89	26.74 -0.08 -0.74	26.15 -0.13 -0.58	27.89 -0.17 -0.40	28.18 -0.17 -0.39	29.70 -0.18 -0.26	32.95 -0.23 0.00	34.83 -0.21 0.00	39.75 -0.24 0.00	40.22 -0.12 0.00	36.91 -0.15 0.00	31.88 -0.10 0.00	28.05 -0.17 0.00
TELGRAPH_34_KV_EAST 80808	7.47 -0.61 -1.35	11.22 -0.75 -0.44	10.88 -0.73 -0.18	10.68 -0.71 -0.16	10.65 -0.64 -2.17	11.29 -0.77 -0.25	11.03 -0.72 0.02	9.54 -0.57 0.13	15.05 -1.30 1.93	20.75 -1.83 3.61	20.38 -1.86 3.19	21.02 -1.83 1.22	21.41 -1.96 2.71	23.52 -2.16 0.02	25.31 -2.35 0.00	25.43 -2.52 0.00	26.83 -2.72 0.06	30.53 -2.65 0.00	32.09 -2.94 0.00	36.55 -3.44 0.00	37.36 -2.99 0.00	34.31 -2.74 0.00	30.25 -1.73 0.00	26.05 -2.17 0.00

TEMPLE___115KV_TB 2 55572	8.93 -0.03 -2.23	13.20 -0.03 -1.70	12.85 -0.03 -1.45	12.60 -0.02 -1.40	10.48 -0.04 -1.41	13.13 -0.02 -1.35	12.85 -0.01 -1.10	11.83 0.00 -1.59	19.22 -0.05 -0.99	26.60 -0.05 -0.45	26.05 -0.08 -0.71	24.90 -0.07 -0.91	26.77 -0.05 -0.75	26.18 -0.10 -0.59	27.93 -0.14 -0.41	28.21 -0.14 -0.40	29.73 -0.15 -0.26	32.99 -0.20 0.00	34.83 -0.21 0.00	39.79 -0.20 0.00	40.27 -0.08 0.00	36.95 -0.11 0.00	31.88 -0.10 0.00	28.05 -0.17 0.00
TIANA___69_KV_BK 1 55817	30.13 0.77 -22.64	29.91 1.12 -17.26	27.10 0.98 -14.68	26.36 0.94 -14.19	24.17 0.80 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.33 0.97 -16.13	30.25 1.92 -10.05	33.60 2.80 -4.60	40.69 2.90 -12.37	42.78 2.55 -16.16	42.88 2.79 -14.02	43.60 2.75 -15.16	43.04 3.01 -12.36	43.72 3.07 -12.69	47.49 3.35 -14.53	47.49 3.68 -10.62	47.82 3.75 -9.04	48.74 4.24 -4.52	48.48 4.36 -3.77	44.01 3.89 -3.06	35.34 3.36 0.00	31.02 2.79 0.00
TILDEN___115KV_TB1 80814	9.35 -0.01 -2.64	13.54 0.00 -2.01	13.15 0.00 -1.71	12.87 0.00 -1.65	10.76 -0.01 -1.66	13.41 0.01 -1.59	13.09 0.02 -1.30	12.14 0.03 -1.88	19.45 0.00 -1.17	26.76 0.03 -0.54	26.26 0.00 -0.83	25.14 0.00 -1.07	26.98 0.03 -0.89	26.34 -0.05 -0.69	28.05 -0.08 -0.48	28.34 -0.08 -0.47	29.83 -0.09 -0.31	33.09 -0.10 0.00	34.97 -0.07 0.00	39.91 -0.08 0.00	40.43 0.08 0.00	37.09 0.04 0.00	32.01 0.03 0.00	28.17 -0.06 0.00
TRIGEN___CC 323695	29.96 0.59 -22.64	29.69 0.90 -17.26	26.94 0.82 -14.68	26.21 0.80 -14.19	24.04 0.67 -14.25	26.28 0.81 -13.65	23.85 0.93 -11.16	27.17 0.81 -16.13	29.91 1.57 -10.05	33.08 2.28 -4.60	40.11 2.31 -12.37	42.40 2.17 -16.16	42.47 2.37 -14.02	43.19 2.34 -15.16	42.51 2.49 -12.36	43.16 2.52 -12.69	46.81 2.67 -14.53	46.76 2.95 -10.62	46.98 2.91 -9.04	47.74 3.24 -4.52	47.47 3.35 -3.77	43.15 3.04 -3.06	34.57 2.59 0.00	30.48 2.26 0.00
TRINITY___115KV___ 4 BK 55933	32.89 0.24 -25.93	31.72 0.43 -19.77	28.67 0.42 -16.81	27.89 0.42 -16.25	25.77 0.34 -16.32	27.88 0.44 -15.63	24.97 0.44 -12.77	29.08 0.38 -18.47	30.40 0.60 -11.51	32.36 0.89 -5.27	34.49 0.86 -8.20	35.39 0.82 -10.51	35.67 0.89 -8.71	33.35 0.85 -6.80	33.28 0.91 -4.71	33.51 0.92 -4.63	33.59 0.95 -3.02	34.25 1.06 0.00	36.05 1.02 0.00	41.10 1.12 0.00	41.56 1.21 0.00	38.17 1.11 0.00	33.04 1.06 0.00	29.35 1.13 0.00
UNION___PROCESSING_DRP 323587	9.36 -0.25 -2.88	13.41 -0.31 -2.20	13.00 -0.31 -1.87	12.75 -0.28 -1.81	10.68 -0.25 -1.81	13.23 -0.32 -1.74	12.90 -0.28 -1.42	12.07 -0.21 -2.05	18.83 -0.73 -1.28	25.82 -0.97 -0.59	25.35 -0.99 -0.91	24.28 -0.96 -1.17	26.05 -0.99 -0.97	25.71 -0.75 -0.76	27.41 -0.77 -0.52	27.60 -0.87 -0.51	28.89 -1.07 -0.34	32.22 -0.96 0.00	33.92 -1.12 0.00	38.71 -1.28 0.00	39.38 -0.97 0.00	36.13 -0.93 0.00	31.47 -0.51 0.00	27.35 -0.87 0.00
UPPER HUDSON___HYD 24058	33.82 0.41 -26.68	32.60 0.73 -20.35	29.46 0.72 -17.30	28.66 0.71 -16.73	26.46 0.56 -16.79	28.64 0.74 -16.09	25.65 0.74 -13.15	29.89 0.65 -19.01	31.35 1.23 -11.85	33.46 1.83 -5.43	35.52 1.65 -8.44	36.42 1.54 -10.81	36.65 1.62 -8.96	34.11 1.41 -7.00	34.06 1.55 -4.85	34.23 1.51 -4.77	34.63 1.90 -3.11	35.31 2.13 0.00	37.35 2.31 0.00	42.71 2.72 0.00	43.17 2.82 0.00	39.69 2.63 0.00	34.16 2.18 0.00	30.06 1.83 0.00
UPPER RAQUET___HYD 24056	6.95 -0.15 -0.38	11.48 -0.33 -0.29	11.35 -0.33 -0.24	11.11 -0.35 -0.24	9.10 -0.26 -0.24	11.68 -0.35 -0.23	11.58 -0.36 -0.19	10.15 -0.35 -0.27	17.81 -0.64 -0.17	25.33 -0.94 -0.08	24.63 -0.91 -0.12	23.38 -0.84 -0.15	25.21 -0.99 -0.13	24.87 -0.92 -0.10	26.73 -0.99 -0.07	27.07 -0.95 -0.07	28.59 -1.06 -0.04	32.12 -1.06 0.00	34.20 -0.84 0.00	39.19 -0.80 0.00	39.50 -0.85 0.00	36.50 -0.55 0.00	31.37 -0.61 0.00	27.66 -0.56 0.00
VALLEY44___115KV_TB2 355964	8.50 -0.79 -2.57	11.79 -1.21 -1.47	11.33 -1.19 -1.08	11.11 -1.16 -1.04	10.86 -0.97 -2.71	11.66 -1.23 -1.08	11.29 -1.16 -0.69	10.22 -0.94 -0.92	16.84 -0.48 0.97	22.82 -0.65 2.72	22.55 -0.66 2.21	22.94 -0.70 0.43	23.56 -0.73 1.78	23.49 -2.57 -0.36	25.07 -2.85 -0.26	25.33 -2.88 -0.26	27.54 -2.19 -0.12	30.53 -2.65 0.00	32.20 -2.84 0.00	36.71 -3.28 0.00	37.48 -2.86 0.00	34.35 -2.71 0.00	30.16 -1.82 0.00	25.99 -2.23 0.00
VALLEY___115KV_TB 1-4 80826	6.58 -0.14 0.00	11.26 -0.27 0.00	11.19 -0.25 0.00	10.97 -0.25 0.00	8.91 -0.20 0.00	11.55 -0.26 0.00	11.50 -0.26 0.00	10.02 -0.21 0.00	17.88 -0.40 0.00	25.62 -0.58 0.00	24.94 -0.48 0.00	23.64 -0.43 0.00	25.66 -0.42 0.00	25.26 -0.44 0.00	27.24 -0.41 0.00	27.39 -0.56 0.00	29.08 -0.53 0.00	32.56 -0.63 0.00	34.41 -0.63 0.00	39.39 -0.60 0.00	39.86 -0.48 0.00	36.69 -0.37 0.00	31.82 -0.16 0.00	28.20 -0.03 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.99 0.35 -10.91	20.45 0.60 -8.32	19.13 0.62 -7.07	18.67 0.61 -6.84	16.48 0.49 -6.87	19.04 0.65 -6.58	17.78 0.64 -5.38	18.60 0.59 -7.77	24.22 1.10 -4.85	30.01 1.60 -2.22	30.50 1.63 -3.45	30.08 1.59 -4.42	31.51 1.77 -3.67	30.15 1.59 -2.86	31.41 1.77 -1.98	31.58 1.68 -1.95	32.67 1.78 -1.27	35.01 1.83 0.00	36.75 1.72 0.00	41.90 1.92 0.00	42.48 2.14 0.00	39.02 1.96 0.00	33.58 1.60 0.00	29.61 1.38 0.00
VISCHER___FERRY HYD 24020	33.32 0.30 -26.30	32.10 0.52 -20.05	29.00 0.52 -17.05	28.22 0.51 -16.49	26.08 0.41 -16.55	28.20 0.53 -15.86	25.25 0.53 -12.96	29.44 0.47 -18.73	30.80 0.84 -11.68	32.78 1.23 -5.35	34.94 1.20 -8.32	35.86 1.13 -10.66	36.11 1.20 -8.83	33.73 1.13 -6.90	33.69 1.25 -4.78	33.88 1.23 -4.70	34.02 1.33 -3.07	34.68 1.49 0.00	36.54 1.51 0.00	41.70 1.72 0.00	42.16 1.82 0.00	38.73 1.67 0.00	33.45 1.47 0.00	29.55 1.33 0.00
V_A_10_SYNC_DSASP 323832	7.67 -0.53 -1.48	11.42 -0.71 -0.61	11.07 -0.71 -0.34	10.86 -0.68 -0.32	10.64 -0.57 -2.10	11.46 -0.74 -0.39	11.19 -0.69 -0.12	9.75 -0.57 -0.09	15.19 -1.52 1.58	20.86 -2.17 3.16	20.54 -2.14 2.75	21.03 -2.07 0.97	21.54 -2.22 2.32	23.93 -1.82 -0.06	25.74 -1.96 -0.05	25.88 -2.12 -0.05	27.08 -2.52 0.02	30.70 -2.49 0.00	32.27 -2.77 0.00	36.67 -3.32 0.00	37.40 -2.95 0.00	34.35 -2.71 0.00	30.29 -1.69 0.00	26.14 -2.09 0.00
V_CMM_10_SYNC_DSASP 323787	6.65 -0.07 0.00	11.34 -0.18 0.00	11.26 -0.18 0.00	11.03 -0.19 0.00	8.98 -0.14 0.00	11.61 -0.20 0.00	11.55 -0.21 0.00	10.03 -0.20 0.00	17.94 -0.35 0.00	25.70 -0.50 0.00	24.97 -0.46 0.00	23.66 -0.41 0.00	25.58 -0.50 0.00	25.29 -0.41 0.00	27.24 -0.41 0.00	27.56 -0.39 0.00	29.20 -0.41 0.00	32.75 -0.43 0.00	34.62 -0.42 0.00	39.55 -0.44 0.00	39.78 -0.56 0.00	36.57 -0.48 0.00	31.56 -0.42 0.00	27.86 -0.37 0.00
V_CMP_10_SYNC_DSASP 323788	6.67 -0.05 0.00	11.37 -0.16 0.00	11.26 -0.18 0.00	11.02 -0.20 0.00	8.97 -0.15 0.00	11.59 -0.22 0.00	11.53 -0.24 0.00	10.00 -0.24 0.00	17.88 -0.40 0.00	25.65 -0.55 0.00	24.91 -0.51 0.00	23.59 -0.48 0.00	25.50 -0.57 0.00	25.18 -0.51 0.00	27.16 -0.50 0.00	27.53 -0.42 0.00	29.23 -0.39 0.00	32.82 -0.37 0.00	34.69 -0.35 0.00	39.67 -0.32 0.00	39.98 -0.36 0.00	36.80 -0.26 0.00	31.69 -0.29 0.00	27.97 -0.25 0.00

V_D_10_SYNC_DSASP 323841	6.67 -0.05 0.00	11.37 -0.16 0.00	11.28 -0.16 0.00	11.05 -0.17 0.00	9.00 -0.12 0.00	11.63 -0.18 0.00	11.57 -0.19 0.00	10.04 -0.19 0.00	17.95 -0.33 0.00	25.75 -0.45 0.00	25.02 -0.41 0.00	23.68 -0.39 0.00	25.60 -0.47 0.00	25.31 -0.39 0.00	27.24 -0.41 0.00	27.56 -0.39 0.00	29.23 -0.39 0.00	32.79 -0.40 0.00	34.69 -0.35 0.00	39.67 -0.32 0.00	39.94 -0.40 0.00	36.76 -0.30 0.00	31.69 -0.29 0.00	27.97 -0.25 0.00
V_E_10_SYNC_DSASP 323830	16.30 0.31 -9.27	19.25 0.52 -7.20	18.15 0.54 -6.17	17.72 0.53 -5.97	15.06 0.41 -5.54	18.12 0.59 -5.72	16.99 0.51 -4.72	17.58 0.49 -6.85	23.79 0.82 -4.69	30.09 1.13 -2.77	30.30 1.12 -3.75	29.31 1.08 -4.16	31.08 1.17 -3.83	29.11 0.90 -2.52	30.48 1.08 -1.74	30.78 1.12 -1.71	32.20 1.45 -1.13	34.85 1.66 0.00	36.86 1.82 0.00	42.30 2.32 0.00	43.05 2.70 0.00	39.58 2.52 0.00	34.00 2.01 0.00	29.89 1.67 0.00
V_F_30_NSYNC___DSASP 323816	33.71 0.36 -26.63	32.47 0.63 -20.31	29.33 0.63 -17.26	28.54 0.62 -16.70	26.36 0.48 -16.76	28.52 0.65 -16.06	25.52 0.64 -13.12	29.77 0.56 -18.97	31.15 1.04 -11.82	33.16 1.55 -5.42	35.33 1.47 -8.43	36.26 1.40 -10.79	36.51 1.49 -8.95	34.05 1.36 -6.99	33.99 1.49 -4.84	34.19 1.48 -4.76	34.38 1.66 -3.11	35.04 1.86 0.00	36.96 1.93 0.00	42.22 2.24 0.00	42.65 2.30 0.00	39.21 2.15 0.00	33.80 1.82 0.00	29.83 1.61 0.00
V_F_30_SYNC_DSASP 323786	33.08 0.26 -26.10	31.88 0.45 -19.90	28.81 0.45 -16.92	28.02 0.44 -16.36	25.90 0.36 -16.43	28.01 0.46 -15.74	25.08 0.46 -12.86	29.24 0.41 -18.59	30.53 0.66 -11.59	32.47 0.97 -5.31	34.65 0.97 -8.26	35.56 0.91 -10.58	35.83 0.99 -8.77	33.47 0.93 -6.85	33.40 1.00 -4.74	33.62 1.01 -4.66	33.70 1.04 -3.05	34.35 1.16 0.00	36.12 1.09 0.00	41.22 1.24 0.00	41.64 1.29 0.00	38.28 1.22 0.00	33.10 1.12 0.00	29.41 1.19 0.00
V_XM_10_SYNC_DSASP 323789	6.67 -0.05 0.00	11.37 -0.16 0.00	11.26 -0.18 0.00	11.02 -0.20 0.00	8.97 -0.15 0.00	11.59 -0.22 0.00	11.53 -0.24 0.00	10.00 -0.24 0.00	17.88 -0.40 0.00	25.65 -0.55 0.00	24.91 -0.51 0.00	23.59 -0.48 0.00	25.50 -0.57 0.00	25.18 -0.51 0.00	27.16 -0.50 0.00	27.53 -0.42 0.00	29.23 -0.39 0.00	32.82 -0.37 0.00	34.69 -0.35 0.00	39.67 -0.32 0.00	39.98 -0.36 0.00	36.80 -0.26 0.00	31.69 -0.29 0.00	27.97 -0.25 0.00
W.BABYLN_69_KV_BK1 56697	30.12 0.76 -22.64	29.93 1.14 -17.26	27.16 1.04 -14.68	26.41 1.00 -14.19	24.21 0.85 -14.25	26.48 1.02 -13.65	24.07 1.15 -11.16	27.36 1.00 -16.13	30.27 1.94 -10.05	33.63 2.83 -4.60	40.69 2.90 -12.37	42.93 2.70 -16.16	43.04 2.95 -14.02	43.76 2.90 -15.16	43.12 3.10 -12.36	43.81 3.16 -12.69	47.55 3.41 -14.53	47.59 3.78 -10.62	47.93 3.85 -9.04	48.82 4.32 -4.52	48.56 4.44 -3.77	44.12 4.00 -3.06	35.40 3.42 0.00	31.10 2.88 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.45 0.47 -22.26	29.27 0.77 -16.97	26.63 0.77 -14.43	25.94 0.76 -13.95	23.74 0.62 -14.01	26.03 0.80 -13.42	23.58 0.85 -10.97	26.84 0.75 -15.85	29.55 1.39 -9.88	32.69 1.96 -4.53	34.40 1.93 -7.04	34.89 1.81 -9.02	35.51 1.96 -7.48	33.46 1.93 -5.84	33.75 2.05 -4.05	34.02 2.10 -3.98	34.43 2.22 -2.60	35.61 2.42 0.00	37.42 2.38 0.00	42.62 2.64 0.00	43.09 2.74 0.00	39.58 2.52 0.00	34.00 2.01 0.00	30.14 1.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.86 0.50 -22.64	29.61 0.82 -17.26	26.94 0.82 -14.67	26.22 0.81 -14.19	24.01 0.65 -14.25	26.30 0.84 -13.65	23.81 0.89 -11.15	27.16 0.80 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.57 1.98 -7.16	35.12 1.88 -9.17	35.74 2.06 -7.60	33.69 2.06 -5.94	33.96 2.19 -4.12	34.20 2.21 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.56 2.52 0.00	42.74 2.76 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.28 2.06 0.00
W50THST__13_KV_LOAD 356117	29.89 0.53 -22.64	29.65 0.86 -17.26	26.98 0.87 -14.67	26.27 0.85 -14.19	24.05 0.69 -14.25	26.35 0.89 -13.65	23.87 0.95 -11.15	27.21 0.85 -16.13	29.91 1.57 -10.05	33.03 2.23 -4.60	34.72 2.14 -7.16	35.24 2.00 -9.17	35.89 2.22 -7.60	33.85 2.21 -5.94	34.12 2.35 -4.12	34.37 2.38 -4.04	34.77 2.52 -2.64	35.97 2.79 0.00	37.74 2.70 0.00	42.94 2.96 0.00	43.41 3.07 0.00	39.84 2.78 0.00	34.22 2.24 0.00	30.40 2.17 0.00
WADING RIVER_IC_1 23522	30.12 0.75 -22.65	29.92 1.13 -17.26	27.09 0.97 -14.68	26.35 0.93 -14.19	24.16 0.79 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.31 0.95 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.62 2.82 -12.37	42.66 2.43 -16.16	42.78 2.69 -14.02	43.47 2.62 -15.16	42.98 2.96 -12.36	43.64 2.99 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.75 3.68 -9.04	48.70 4.20 -4.52	48.40 4.27 -3.77	43.97 3.85 -3.06	35.28 3.29 -0.01	30.85 2.63 0.00
WADING RIVER_IC_2 23547	30.12 0.75 -22.65	29.92 1.13 -17.26	27.09 0.97 -14.68	26.35 0.93 -14.19	24.16 0.79 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.31 0.95 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.62 2.82 -12.37	42.66 2.43 -16.16	42.78 2.69 -14.02	43.47 2.62 -15.16	42.98 2.96 -12.36	43.64 2.99 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.75 3.68 -9.04	48.70 4.20 -4.52	48.40 4.27 -3.77	43.97 3.85 -3.06	35.28 3.29 -0.01	30.85 2.63 0.00
WADING RIVER_IC_3 23601	30.12 0.75 -22.65	29.92 1.13 -17.26	27.09 0.97 -14.68	26.35 0.93 -14.19	24.16 0.79 -14.25	26.42 0.96 -13.65	24.01 1.09 -11.16	27.31 0.95 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.62 2.82 -12.37	42.66 2.43 -16.16	42.78 2.69 -14.02	43.47 2.62 -15.16	42.98 2.96 -12.36	43.64 2.99 -12.69	47.40 3.26 -14.53	47.46 3.65 -10.62	47.75 3.68 -9.04	48.70 4.20 -4.52	48.40 4.27 -3.77	43.97 3.85 -3.06	35.28 3.29 -0.01	30.85 2.63 0.00
WALDENNY_12_KV_BK2 80841	6.67 -0.71 -0.65	10.09 -1.03 0.41	9.77 -1.01 0.66	9.58 -0.99 0.65	10.73 -0.84 -2.45	10.27 -1.06 0.48	10.03 -1.00 0.74	8.21 -0.81 1.22	13.38 -1.28 3.63	18.52 -1.78 5.90	18.23 -1.78 5.41	19.89 -1.71 2.48	19.58 -1.80 4.70	22.92 -2.36 0.41	24.82 -2.57 0.27	24.98 -2.71 0.26	26.66 -2.70 0.26	30.43 -2.75 0.00	31.99 -3.05 0.00	36.43 -3.56 0.00	37.24 -3.11 0.00	34.20 -2.85 0.00	30.19 -1.79 0.00	25.97 -2.26 0.00
WALDEN___HYDRO 24148	29.40 0.42 -22.25	29.20 0.70 -16.97	26.56 0.70 -14.42	25.87 0.70 -13.95	23.68 0.57 -14.00	25.97 0.74 -13.42	23.50 0.78 -10.96	26.76 0.68 -15.85	29.42 1.26 -9.88	32.50 1.78 -4.52	34.19 1.73 -7.04	34.72 1.64 -9.02	35.30 1.75 -7.47	33.26 1.72 -5.84	33.53 1.83 -4.05	33.77 1.84 -3.98	34.17 1.95 -2.60	35.38 2.19 0.00	37.21 2.17 0.00	42.38 2.40 0.00	42.89 2.54 0.00	39.43 2.37 0.00	33.87 1.89 0.00	30.00 1.78 0.00
WARRENSBURG____ 23737	33.82 0.41 -26.68	32.60 0.73 -20.35	29.46 0.72 -17.30	28.66 0.71 -16.73	26.46 0.56 -16.79	28.64 0.74 -16.09	25.65 0.74 -13.15	29.89 0.64 -19.01	31.35 1.22 -11.85	33.46 1.83 -5.43	35.52 1.65 -8.44	36.42 1.54 -10.81	36.65 1.62 -8.96	34.11 1.41 -7.00	34.06 1.55 -4.85	34.23 1.51 -4.77	34.62 1.90 -3.11	35.31 2.12 0.00	37.35 2.31 0.00	42.70 2.72 0.00	43.17 2.82 0.00	39.69 2.63 0.00	34.15 2.17 0.00	30.09 1.86 0.00

WATERSIDE___6 8 9 23538	29.87 0.51 -22.64	29.63 0.84 -17.26	26.96 0.85 -14.67	26.24 0.83 -14.19	24.03 0.67 -14.25	26.31 0.85 -13.65	23.80 0.88 -11.15	27.14 0.78 -16.13	29.78 1.44 -10.05	32.82 2.02 -4.60	34.49 1.91 -7.16	35.02 1.78 -9.17	35.66 1.98 -7.60	33.64 2.00 -5.94	33.90 2.13 -4.12	34.12 2.12 -4.04	34.54 2.28 -2.64	35.71 2.52 0.00	37.46 2.42 0.00	42.62 2.64 0.00	43.09 2.74 0.00	39.54 2.48 0.00	34.00 2.01 0.00	30.31 2.09 0.00
WATKINRD_115KV_LN8_ILLION 55919	6.54 -0.19 0.00	11.18 -0.35 0.00	11.11 -0.33 0.00	10.90 -0.33 0.00	8.85 -0.26 0.00	11.47 -0.34 0.00	11.42 -0.34 0.00	9.94 -0.30 0.00	17.73 -0.55 0.00	25.41 -0.79 0.00	24.74 -0.69 0.00	23.47 -0.60 0.00	25.45 -0.63 0.00	25.05 -0.64 0.00	27.02 -0.64 0.00	27.11 -0.84 0.00	28.79 -0.83 0.00	32.26 -0.93 0.00	34.13 -0.91 0.00	39.11 -0.88 0.00	39.62 -0.73 0.00	36.50 -0.56 0.00	31.76 -0.22 0.00	28.20 -0.03 0.00
WDELAWARE___HYD 323627	28.16 0.39 -21.04	28.22 0.65 -16.05	25.73 0.65 -13.64	25.05 0.64 -13.19	22.89 0.53 -13.25	25.20 0.70 -12.69	22.85 0.72 -10.37	25.85 0.62 -14.99	28.81 1.19 -9.34	32.13 1.65 -4.28	33.68 1.60 -6.66	34.12 1.52 -8.53	34.73 1.59 -7.07	32.76 1.54 -5.52	33.12 1.63 -3.83	33.36 1.65 -3.76	33.82 1.75 -2.46	35.14 1.96 0.00	37.00 1.96 0.00	42.18 2.20 0.00	42.77 2.42 0.00	39.35 2.30 0.00	33.77 1.79 0.00	29.75 1.52 0.00
WEST BABYLON___IC 23714	30.12 0.76 -22.64	29.93 1.14 -17.26	27.16 1.04 -14.68	26.41 1.00 -14.19	24.21 0.85 -14.25	26.48 1.02 -13.65	24.07 1.15 -11.16	27.36 1.00 -16.13	30.27 1.94 -10.05	33.63 2.83 -4.60	40.69 2.90 -12.37	42.93 2.70 -16.16	43.04 2.95 -14.02	43.76 2.90 -15.16	43.12 3.10 -12.36	43.81 3.16 -12.69	47.55 3.41 -14.53	47.59 3.78 -10.62	47.93 3.85 -9.04	48.82 4.32 -4.52	48.56 4.44 -3.77	44.12 4.00 -3.06	35.40 3.42 0.00	31.10 2.88 0.00
WEST CANADA___HYD 24049	6.77 0.04 0.00	11.60 0.07 0.00	11.51 0.07 0.00	11.29 0.07 0.00	9.17 0.06 0.00	11.88 0.07 0.00	11.83 0.07 0.00	10.31 0.07 0.00	18.39 0.11 0.00	26.35 0.16 0.00	25.58 0.15 0.00	24.22 0.15 0.00	26.23 0.16 0.00	25.85 0.16 0.00	27.83 0.17 0.00	28.12 0.17 0.00	29.76 0.15 0.00	33.35 0.17 0.00	35.21 0.18 0.00	40.19 0.20 0.00	40.59 0.24 0.00	37.28 0.22 0.00	32.17 0.19 0.00	28.39 0.17 0.00
WESTERN_NY_WIND 24143	7.73 -0.50 -1.50	11.57 -0.58 -0.62	11.22 -0.56 -0.34	11.02 -0.53 -0.33	10.75 -0.49 -2.13	11.62 -0.59 -0.40	11.36 -0.53 -0.13	9.91 -0.42 -0.09	15.62 -1.06 1.60	21.53 -1.49 3.18	21.08 -1.58 2.77	21.53 -1.56 0.97	22.07 -1.67 2.34	23.93 -1.82 -0.06	25.75 -1.96 -0.05	25.91 -2.10 -0.05	27.34 -2.25 0.02	31.10 -2.09 0.00	32.76 -2.28 0.00	37.39 -2.60 0.00	38.21 -2.14 0.00	35.06 -2.00 0.00	30.86 -1.12 0.00	26.56 -1.67 0.00
WESTOVER___LESR 323668	14.86 0.03 -8.10	17.81 0.10 -6.18	16.81 0.11 -5.25	16.41 0.11 -5.08	14.30 0.08 -5.10	16.82 0.13 -4.89	15.88 0.13 -3.99	16.14 0.13 -5.77	22.17 0.29 -3.60	28.26 0.42 -1.65	28.37 0.38 -2.56	27.69 0.34 -3.28	29.19 0.39 -2.72	28.00 0.18 -2.13	29.30 0.17 -1.47	29.57 0.17 -1.45	30.83 0.27 -0.95	33.48 0.30 0.00	35.35 0.32 0.00	40.35 0.36 0.00	40.87 0.52 0.00	37.54 0.48 0.00	32.43 0.45 0.00	28.51 0.28 0.00
WETHRSFD_WT_PWR 323626	0.62 -0.66 5.45	3.61 -1.04 6.88	3.63 -1.02 6.79	3.64 -0.99 6.59	10.99 -0.84 -2.71	4.86 -1.04 5.91	4.91 -0.99 5.86	0.52 -0.78 8.94	2.81 -1.30 14.18	5.10 -1.83 19.26	4.99 -1.80 18.62	11.94 -1.69 10.45	7.67 -1.77 16.63	20.31 -2.21 3.18	23.17 -2.35 2.14	23.50 -2.35 2.10	25.71 -2.25 1.65	30.93 -2.26 0.00	32.69 -2.35 0.00	37.39 -2.60 0.00	38.17 -2.18 0.00	35.02 -2.04 0.00	30.77 -1.22 0.00	26.98 -1.24 0.00
WHAVSTOR_138KV_BK127 55557	29.44 0.44 -22.28	29.25 0.74 -16.99	26.61 0.73 -14.44	25.91 0.72 -13.97	23.72 0.58 -14.02	26.00 0.76 -13.43	23.55 0.81 -10.98	26.82 0.72 -15.87	29.49 1.32 -9.89	32.59 1.86 -4.53	34.30 1.83 -7.05	34.81 1.71 -9.03	35.43 1.88 -7.48	33.39 1.85 -5.85	33.67 1.96 -4.05	33.92 1.98 -3.98	34.32 2.10 -2.60	35.51 2.32 0.00	37.28 2.24 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.39 2.33 0.00	33.87 1.89 0.00	30.03 1.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.44 0.44 -22.28	29.25 0.74 -16.99	26.61 0.73 -14.44	25.91 0.72 -13.97	23.72 0.58 -14.02	26.00 0.76 -13.43	23.55 0.81 -10.98	26.82 0.72 -15.87	29.49 1.32 -9.89	32.59 1.86 -4.53	34.30 1.83 -7.05	34.81 1.71 -9.03	35.43 1.88 -7.48	33.39 1.85 -5.85	33.67 1.96 -4.05	33.92 1.98 -3.98	34.32 2.10 -2.60	35.51 2.32 0.00	37.28 2.24 0.00	42.46 2.48 0.00	42.93 2.58 0.00	39.39 2.33 0.00	33.87 1.89 0.00	30.03 1.81 0.00
WHITEHAL_115KV_TB1 80871	33.89 0.50 -26.66	32.74 0.89 -20.33	29.60 0.88 -17.28	28.80 0.86 -16.71	26.58 0.68 -16.78	28.79 0.91 -16.07	25.80 0.91 -13.14	30.01 0.79 -18.99	31.60 1.48 -11.84	33.82 2.20 -5.42	35.89 2.03 -8.44	36.77 1.90 -10.80	37.01 1.98 -8.96	34.41 1.72 -7.00	34.39 1.88 -4.85	34.59 1.87 -4.76	35.01 2.28 -3.11	35.77 2.59 0.00	37.91 2.87 0.00	43.42 3.44 0.00	43.90 3.55 0.00	40.39 3.34 0.00	34.70 2.72 0.00	30.51 2.29 0.00
WHITEPLN_13_KV_LOAD 356215	29.90 0.56 -22.62	29.70 0.92 -17.25	27.03 0.93 -14.66	26.30 0.90 -14.18	24.07 0.72 -14.24	26.39 0.94 -13.64	23.90 0.99 -11.15	27.23 0.88 -16.11	29.97 1.65 -10.04	33.21 2.41 -4.60	34.97 2.39 -7.16	35.47 2.24 -9.17	36.15 2.48 -7.60	34.07 2.44 -5.94	34.32 2.54 -4.11	34.56 2.57 -4.04	34.98 2.72 -2.64	36.21 3.02 0.00	37.95 2.91 0.00	43.22 3.24 0.00	43.73 3.39 0.00	40.06 3.00 0.00	34.35 2.37 0.00	30.37 2.15 0.00
WM_FLOYD_69_KV_BK2 356380	30.12 0.75 -22.64	29.90 1.11 -17.26	27.10 0.98 -14.68	26.37 0.95 -14.19	24.17 0.81 -14.25	26.43 0.97 -13.65	24.02 1.11 -11.16	27.32 0.96 -16.13	30.22 1.88 -10.05	33.52 2.72 -4.60	40.62 2.82 -12.37	42.74 2.50 -16.16	42.83 2.74 -14.02	43.55 2.70 -15.16	42.98 2.96 -12.36	43.67 3.02 -12.69	47.43 3.29 -14.53	47.46 3.65 -10.62	47.79 3.71 -9.04	48.74 4.24 -4.52	48.44 4.32 -3.77	44.01 3.89 -3.06	35.34 3.36 0.00	31.02 2.79 0.00
WOODARD__115KV_TB2 355635	8.92 -0.05 -2.24	13.19 -0.05 -1.71	12.85 -0.05 -1.45	12.58 -0.04 -1.41	10.48 -0.05 -1.41	13.11 -0.05 -1.35	12.83 -0.04 -1.10	11.81 -0.02 -1.60	19.19 -0.09 -1.00	26.55 -0.10 -0.46	26.01 -0.13 -0.71	24.86 -0.12 -0.91	26.72 -0.10 -0.75	26.16 -0.13 -0.59	27.90 -0.17 -0.41	28.16 -0.20 -0.40	29.67 -0.21 -0.26	32.92 -0.27 0.00	34.79 -0.25 0.00	39.71 -0.28 0.00	40.18 -0.16 0.00	36.87 -0.19 0.00	31.85 -0.13 0.00	28.03 -0.20 0.00
YORK___WARBASSE 23770	29.91 0.54 -22.65	29.68 0.89 -17.26	27.01 0.89 -14.67	26.29 0.88 -14.19	24.06 0.69 -14.25	26.33 0.87 -13.65	23.82 0.91 -11.15	27.15 0.79 -16.13	29.80 1.46 -10.05	32.87 2.07 -4.60	34.52 1.93 -7.16	35.05 1.81 -9.17	35.69 2.01 -7.60	33.67 2.03 -5.94	33.96 2.19 -4.12	34.18 2.18 -4.04	34.60 2.34 -2.64	35.77 2.59 0.00	37.53 2.49 0.00	42.70 2.72 0.00	43.21 2.86 0.00	39.65 2.59 0.00	34.09 2.11 0.00	30.43 2.20 -0.01