

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/22/2025

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	31.32	30.58	28.92	27.73	28.66	32.47	43.32	43.24	37.24	33.11	32.22	32.86	32.63	32.92	32.37	34.24	38.36	43.39	46.65	51.92	54.36	43.01	36.50	33.76
24138	1.27	1.05	1.04	0.86	1.21	1.52	1.79	3.17	3.48	3.16	3.19	3.08	2.96	3.10	2.97	3.07	3.44	4.24	4.66	5.02	5.03	3.66	2.89	2.53
	-13.73	-16.21	-14.24	-15.62	-11.48	-10.73	-18.24	-3.19	-0.01	-1.19	-0.07	-2.24	-3.45	-2.63	-3.55	-4.73	-5.49	-3.78	-0.01	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.34	30.59	28.93	27.74	28.68	32.49	43.33	43.24	37.21	33.72	32.15	34.09	34.31	34.14	33.09	35.46	38.26	43.40	46.70	51.92	54.41	43.05	36.63	33.79
24260	1.29	1.05	1.05	0.87	1.23	1.54	1.79	3.17	3.44	3.05	3.07	2.95	2.86	2.99	2.87	2.96	3.33	4.10	4.70	5.02	5.08	3.70	3.02	2.56
	-13.73	-16.21	-14.24	-15.62	-11.48	-10.73	-18.24	-3.19	-0.02	-1.91	-0.12	-3.60	-5.24	-3.95	-4.37	-6.05	-5.50	-3.93	-0.02	-0.01	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.34	30.59	28.93	27.74	28.68	32.49	43.33	43.24	37.21	33.72	32.15	34.09	34.31	34.14	33.09	35.46	38.26	43.40	46.70	51.92	54.41	43.05	36.63	33.79
24261	1.29	1.05	1.05	0.87	1.23	1.54	1.79	3.17	3.44	3.05	3.07	2.95	2.86	2.99	2.87	2.96	3.33	4.10	4.70	5.02	5.08	3.70	3.02	2.56
	-13.73	-16.21	-14.24	-15.62	-11.48	-10.73	-18.24	-3.19	-0.02	-1.91	-0.12	-3.60	-5.24	-3.95	-4.37	-6.05	-5.50	-3.93	-0.02	-0.01	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.32	34.23	32.13	31.36	31.18	34.78	47.50	43.32	36.08	30.77	30.90	29.30	28.46	29.37	30.12	31.16	37.89	41.34	44.84	50.22	52.93	42.03	35.63	33.10
24011	0.91	0.73	0.76	0.64	0.91	1.19	1.49	2.47	2.33	2.01	1.94	1.76	1.60	1.60	1.50	1.51	1.62	2.16	2.85	3.33	3.60	2.68	2.02	1.87
	-17.08	-20.17	-17.73	-19.45	-14.30	-13.37	-22.72	-3.97	0.00	0.00	0.00	0.00	-0.64	-0.57	-2.77	-3.21	-6.83	-3.81	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.40	34.28	32.18	31.40	31.23	34.87	47.63	43.51	36.22	30.88	31.01	29.44	28.57	29.48	30.22	31.24	37.98	41.45	45.05	50.46	53.18	42.23	35.73	33.23
23798	0.98	0.77	0.80	0.68	0.96	1.27	1.61	2.66	2.46	2.13	2.06	1.90	1.70	1.71	1.60	1.59	1.71	2.27	3.06	3.56	3.85	2.87	2.12	2.00
	-17.09	-20.18	-17.74	-19.47	-14.31	-13.38	-22.73	-3.97	0.00	0.00	0.00	0.00	-0.64	-0.57	-2.77	-3.21	-6.84	-3.82	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.32	34.23	32.13	31.36	31.18	34.78	47.50	43.32	36.08	30.77	30.90	29.30	28.46	29.37	30.12	31.16	37.89	41.34	44.84	50.22	52.93	42.03	35.63	33.10
24028	0.91	0.73	0.76	0.64	0.91	1.19	1.49	2.47	2.33	2.01	1.94	1.76	1.60	1.60	1.50	1.51	1.62	2.16	2.85	3.33	3.60	2.68	2.02	1.87
	-17.08	-20.17	-17.73	-19.45	-14.30	-13.37	-22.72	-3.97	0.00	0.00	0.00	0.00	-0.64	-0.57	-2.77	-3.21	-6.83	-3.81	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.80	33.65	31.60	30.78	30.74	34.36	46.69	43.07	36.55	31.17	31.39	29.91	29.09	30.06	30.73	31.77	38.49	42.14	45.68	50.93	53.52	42.46	36.13	33.63
23527	0.88	0.72	0.74	0.62	0.88	1.15	1.33	2.33	2.80	2.42	2.43	2.37	2.26	2.31	2.22	2.25	2.50	3.11	3.70	4.03	4.19	3.11	2.52	2.40
	-16.60	-19.60	-17.23	-18.90	-13.89	-12.99	-22.08	-3.86	0.00	0.00	0.00	0.00	-0.62	-0.55	-2.65	-3.08	-6.56	-3.66	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	33.31	33.25	31.21	30.45	30.25	33.70	45.92	41.45	34.40	29.33	29.54	28.12	27.40	28.30	29.06	30.07	36.74	39.93	42.91	47.83	50.26	40.06	34.15	31.76
24190	0.36	0.29	0.31	0.26	0.37	0.47	0.51	0.70	0.64	0.58	0.58	0.58	0.55	0.54	0.52	0.50	0.65	0.85	0.92	0.94	0.94	0.71	0.54	0.53
	-16.63	-19.63	-17.25	-18.93	-13.91	-13.01	-22.11	-3.86	0.00	0.00	0.00	0.00	-0.63	-0.56	-2.70	-3.13	-6.66	-3.72	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	16.09	13.10	13.42	11.06	15.67	19.92	22.87	36.11	32.88	27.95	28.20	26.74	25.46	26.54	25.20	25.78	28.64	34.45	41.02	45.77	48.29	38.80	33.31	31.01
355683	-0.23	-0.23	-0.22	-0.20	-0.30	-0.30	-0.42	-0.77	-0.88	-0.81	-0.75	-0.80	-0.76	-0.65	-0.65	-0.66	-0.79	-0.92	-0.97	-1.13	-1.04	-0.55	-0.30	-0.22
	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	33.22	33.08	31.08	30.28	30.20	33.71	45.81	41.83	34.77	29.56	29.65	28.15	27.28	28.20	28.88	29.90	36.50	39.90	43.45	48.49	51.05	40.65	34.62	32.26
323833	0.54	0.44	0.46	0.39	0.54	0.69	0.77	1.14	1.01	0.80	0.69	0.61	0.45	0.46	0.41	0.42	0.59	0.92	1.47	1.60	1.73	1.30	1.01	1.03
	-16.36	-19.31	-16.98	-18.63	-13.69	-12.80	-21.76	-3.80	0.00	0.00	0.00	0.00	-0.61	-0.54	-2.62	-3.04	-6.47	-3.61	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	33.22	33.08	31.08	30.27	30.20	33.71	45.82	41.83	34.77	29.56	29.65	28.15	27.28	28.20	28.88	29.90	36.50	39.86	43.45	48.49	51.05	40.65	34.62	32.23
323834	0.54	0.44	0.46	0.38	0.54	0.69	0.77	1.14	1.01	0.80	0.69	0.61	0.45	0.46	0.41	0.42	0.59	0.88	1.47	1.60	1.73	1.30	1.01	1.00
	-16.36	-19.32	-16.98	-18.63	-13.69	-12.80	-21.76	-3.80	0.00	0.00	0.00	0.00	-0.61	-0.54	-2.62	-3.04	-6.47	-3.61	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	33.31	33.25	31.21	30.45	30.25	33.70	45.92	41.45	34.40	29.33	29.54	28.12	27.40	28.30	29.06	30.07	36.74	39.93	42.91	47.83	50.26	40.06	34.15	31.76
23571	0.36	0.29	0.31	0.26	0.37	0.47	0.51	0.70	0.64	0.58	0.58	0.58	0.55	0.54	0.52	0.50	0.65	0.85	0.92	0.94	0.94	0.71	0.54	0.53
	-16.63	-19.63	-17.25	-18.93	-13.91	-13.01	-22.11	-3.86	0.00	0.00	0.00	0.00	-0.63	-0.56	-2.70	-3.13	-6.66	-3.72	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	33.31 0.36 -16.63	33.25 0.29 -19.63	31.21 0.31 -17.25	30.45 0.26 -18.93	30.25 0.37 -13.91	33.70 0.47 -13.01	45.92 0.51 -22.11	41.45 0.70 -3.86	34.40 0.64 0.00	29.33 0.58 0.00	29.54 0.58 0.00	28.12 0.58 0.00	27.40 0.55 -0.63	28.30 0.54 -0.56	29.06 0.52 -2.70	30.07 0.50 -3.13	36.74 0.65 -6.66	39.93 0.85 -3.72	42.91 0.92 0.00	47.83 0.94 0.00	50.26 0.94 0.00	40.06 0.71 0.00	34.15 0.54 0.00	31.76 0.53 0.00
ALBANY___3 23573	33.31 0.36 -16.63	33.25 0.29 -19.63	31.21 0.31 -17.25	30.45 0.26 -18.93	30.25 0.37 -13.91	33.70 0.47 -13.01	45.92 0.51 -22.11	41.45 0.70 -3.86	34.40 0.64 0.00	29.33 0.58 0.00	29.54 0.58 0.00	28.12 0.58 0.00	27.40 0.55 -0.63	28.30 0.54 -0.56	29.06 0.52 -2.70	30.07 0.50 -3.13	36.74 0.65 -6.66	39.93 0.85 -3.72	42.91 0.92 0.00	47.83 0.94 0.00	50.26 0.94 0.00	40.06 0.71 0.00	34.15 0.54 0.00	31.76 0.53 0.00
ALBANY___4 23574	33.31 0.36 -16.63	33.25 0.29 -19.63	31.21 0.31 -17.25	30.45 0.26 -18.93	30.25 0.37 -13.91	33.70 0.47 -13.01	45.92 0.51 -22.11	41.45 0.70 -3.86	34.40 0.64 0.00	29.33 0.58 0.00	29.54 0.58 0.00	28.12 0.58 0.00	27.40 0.55 -0.63	28.30 0.54 -0.56	29.06 0.52 -2.70	30.07 0.50 -3.13	36.74 0.65 -6.66	39.93 0.85 -3.72	42.91 0.92 0.00	47.83 0.94 0.00	50.26 0.94 0.00	40.06 0.71 0.00	34.15 0.54 0.00	31.76 0.53 0.00
ALBANY___LFGE 323615	33.56 0.49 -16.75	33.52 0.41 -19.78	31.45 0.42 -17.38	30.68 0.35 -19.08	30.48 0.50 -14.02	33.96 0.63 -13.11	46.29 0.72 -22.28	41.85 1.07 -3.89	34.67 0.91 0.00	29.56 0.80 0.00	29.80 0.84 0.00	28.34 0.80 0.00	27.61 0.76 -0.63	28.52 0.76 -0.56	29.29 0.72 -2.72	30.31 0.71 -3.15	37.03 0.88 -6.71	40.28 1.17 -3.74	43.29 1.30 0.00	48.30 1.41 0.00	50.76 1.43 0.00	40.42 1.06 0.00	34.38 0.77 0.00	32.01 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	16.16 -0.16 0.00	13.14 -0.19 0.00	13.46 -0.18 0.00	11.10 -0.16 0.00	15.73 -0.24 0.00	20.00 -0.22 0.00	22.97 -0.33 0.00	36.26 -0.63 0.00	32.94 -0.81 0.00	28.04 -0.72 0.00	28.84 -0.69 -0.58	27.50 -0.74 -0.70	26.19 -0.71 -0.68	27.33 -0.57 -0.70	25.93 -0.59 -0.67	26.52 -0.61 -0.68	29.47 -0.71 -0.74	35.42 -0.81 -0.86	41.19 -0.80 0.00	45.77 -1.13 0.00	48.34 -0.99 0.00	38.96 -0.39 0.00	33.47 -0.13 0.00	31.20 -0.03 0.00
ALCOA_RYNLDS___DRP 24188	16.16 -0.16 0.00	13.14 -0.19 0.00	13.46 -0.18 0.00	11.10 -0.16 0.00	15.73 -0.24 0.00	20.00 -0.22 0.00	22.97 -0.33 0.00	36.26 -0.63 0.00	32.94 -0.81 0.00	28.04 -0.72 0.00	28.84 -0.69 -0.58	27.50 -0.74 -0.70	26.19 -0.71 -0.68	27.33 -0.57 -0.70	25.93 -0.59 -0.67	26.52 -0.61 -0.68	29.47 -0.71 -0.74	35.42 -0.81 -0.86	41.19 -0.80 0.00	45.77 -1.13 0.00	48.34 -0.99 0.00	38.96 -0.39 0.00	33.47 -0.13 0.00	31.20 -0.03 0.00
ALCOA___DSASP 323711	16.16 -0.16 0.00	13.14 -0.19 0.00	13.46 -0.18 0.00	11.10 -0.16 0.00	15.73 -0.24 0.00	20.00 -0.22 0.00	22.97 -0.33 0.00	36.26 -0.63 0.00	32.94 -0.81 0.00	28.04 -0.72 0.00	28.84 -0.70 -0.58	27.50 -0.74 -0.70	26.19 -0.71 -0.68	27.32 -0.57 -0.70	25.93 -0.59 -0.67	26.52 -0.61 -0.68	29.47 -0.71 -0.74	35.42 -0.81 -0.86	41.19 -0.80 0.00	45.77 -1.13 0.00	48.34 -0.99 0.00	38.96 -0.39 0.00	33.47 -0.13 0.00	31.20 -0.03 0.00
ALLEGHENY___COGEN 23514	18.42 -0.51 -2.60	16.05 -0.35 -3.07	15.97 -0.37 -2.70	13.92 -0.30 -2.96	17.78 -0.37 -2.18	21.71 -0.55 -2.04	26.17 -0.58 -3.46	36.34 -1.14 -0.60	32.61 -1.15 0.00	27.29 -1.47 0.00	27.25 -1.71 0.00	25.89 -1.65 0.00	24.69 -1.63 -0.10	25.46 -1.82 -0.09	24.67 -1.60 -0.42	25.32 -1.61 -0.49	28.91 -1.56 -1.04	34.60 -1.34 -0.58	41.23 -0.75 0.00	47.18 0.28 0.00	50.02 0.69 0.00	40.26 0.91 0.00	34.68 1.08 0.00	31.42 0.19 0.00
ALTAMONT_115KV_TB 2 55880	33.46 0.51 -16.63	33.38 0.41 -19.64	31.32 0.42 -17.26	30.55 0.35 -18.94	30.38 0.50 -13.92	33.86 0.63 -13.01	46.13 0.72 -22.12	41.93 1.18 -3.87	34.80 1.05 0.00	29.68 0.92 0.00	29.88 0.93 0.00	28.42 0.88 0.00	27.69 0.84 -0.63	28.62 0.87 -0.56	29.37 0.83 -2.69	30.41 0.85 -3.12	37.03 0.94 -6.65	40.32 1.24 -3.71	43.45 1.47 0.00	48.44 1.55 0.00	50.90 1.58 0.00	40.53 1.18 0.00	34.55 0.94 0.00	32.10 0.87 0.00
ALTONA_WT_PWR 323606	15.95 -0.37 0.00	12.90 -0.43 0.00	13.20 -0.44 0.00	10.86 -0.39 0.00	15.41 -0.56 0.00	19.70 -0.53 0.00	22.66 -0.63 0.00	35.85 -1.03 0.00	32.51 -1.25 0.00	27.52 -1.24 0.00	0.14 -1.24 27.58	-7.13 -1.29 33.37	-7.21 -1.26 32.17	-7.16 -1.14 33.21	-7.23 -1.19 31.89	-7.29 -1.24 32.49	-7.25 -1.38 35.30	-7.16 -1.52 41.01	40.56 -1.43 0.00	45.67 -1.22 0.00	48.49 -0.84 0.00	38.96 -0.39 0.00	33.44 -0.17 0.00	31.20 -0.03 0.00
AMERICAN_REF_FUEL 24010	16.92 -1.76 -2.36	14.78 -1.33 -2.79	14.68 -1.40 -2.45	12.80 -1.15 -2.69	16.32 -1.63 -1.98	19.81 -2.26 -1.85	23.80 -2.63 -3.14	33.30 -4.13 -0.55	30.62 -3.14 0.00	26.00 -2.76 0.00	26.03 -2.92 0.00	24.84 -2.70 0.00	23.74 -2.57 -0.09	24.45 -2.83 -0.08	23.72 -2.51 -0.38	24.22 -2.67 -0.44	27.49 -2.88 -0.94	32.57 -3.33 -0.53	38.08 -3.90 0.00	42.95 -3.94 0.00	45.33 -3.99 0.00	36.83 -2.52 0.00	32.16 -1.44 0.00	28.95 -2.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.35 -1.60 -2.63	15.24 -1.19 -3.10	15.14 -1.23 -2.72	13.27 -0.98 -2.99	16.75 -1.42 -2.20	20.40 -1.88 -2.05	24.62 -2.17 -3.49	34.28 -3.21 -0.61	31.96 -1.79 0.00	26.83 -1.93 0.00	26.78 -2.17 0.00	25.53 -2.01 0.00	24.14 -2.18 -0.10	24.92 -2.37 -0.09	24.21 -2.07 -0.43	24.80 -2.14 -0.50	28.37 -2.12 -1.05	33.76 -2.19 -0.59	40.05 -1.93 0.00	45.35 -1.55 0.00	48.04 -1.28 0.00	39.00 -0.35 0.00	33.98 0.37 0.00	30.76 -0.47 0.00
ARTHUR KILL_GT_1 23520	31.43 1.37 -13.74	30.67 1.13 -16.21	29.02 1.13 -14.25	27.82 0.93 -15.63	28.78 1.32 -11.49	32.62 1.66 -10.74	43.30 1.77 -18.24	43.20 3.13 -3.19	37.29 3.51 -0.02	33.07 2.73 -1.58	31.78 2.72 -0.11	33.15 2.64 -2.97	33.16 2.54 -4.40	33.22 2.69 -3.33	32.40 2.56 -3.99	34.55 2.67 -5.43	38.06 3.12 -5.50	43.06 3.82 -3.87	46.61 4.62 -0.01	51.81 4.92 0.00	54.30 4.98 0.01	43.10 3.74 -0.01	36.71 3.09 -0.01	33.99 2.75 -0.01
ARTHUR_KILL_2 23512	31.40 1.34 -13.74	30.65 1.11 -16.21	29.00 1.10 -14.25	27.79 0.90 -15.63	28.75 1.29 -11.49	32.58 1.62 -10.74	43.26 1.72 -18.24	43.13 3.06 -3.19	37.22 3.44 -0.02	33.01 2.67 -1.58	31.73 2.66 -0.11	33.07 2.56 -2.97	33.11 2.49 -4.40	33.16 2.64 -3.33	32.35 2.51 -3.99	34.49 2.62 -5.43	37.97 3.03 -5.50	42.95 3.71 -3.87	46.48 4.49 -0.01	51.68 4.79 0.00	54.10 4.78 0.01	42.98 3.62 -0.01	36.64 3.03 -0.01	33.89 2.65 -0.01
ARTHUR_KILL_3 23513	31.24 1.19 -13.73	30.51 0.97 -16.21	28.84 0.95 -14.24	27.66 0.79 -15.62	28.57 1.12 -11.48	32.33 1.38 -10.73	43.14 1.61 -18.24	42.95 2.88 -3.19	36.94 3.17 -0.01	33.23 2.90 -1.57	31.98 2.92 -0.10	33.33 2.84 -2.96	33.34 2.73 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.08 3.15 -5.50	43.08 3.86 -3.86	46.32 4.33 -0.01	51.54 4.64 -0.01	53.96 4.64 0.00	42.74 3.38 0.00	36.30 2.69 0.00	33.57 2.34 0.00

ARTHUR_KILL_COGEN 323718	31.43 1.37 -13.74	30.67 1.13 -16.21	29.02 1.13 -14.25	27.82 0.93 -15.63	28.78 1.32 -11.49	32.62 1.66 -10.74	43.30 1.77 -18.24	43.20 3.13 -3.19	37.29 3.51 -0.02	33.07 2.73 -1.58	31.78 2.72 -0.11	33.15 2.64 -2.97	33.16 2.54 -4.40	33.22 2.69 -3.33	32.40 2.56 -3.99	34.55 2.67 -5.43	38.06 3.12 -5.50	43.06 3.82 -3.87	46.61 4.62 -0.01	51.81 4.92 0.00	54.30 4.98 0.01	43.10 3.74 -0.01	36.71 3.09 -0.01	33.99 2.75 -0.01
ASHOKAN____ 23654	31.55 -0.02 -15.24	31.32 0.00 -18.00	29.43 -0.03 -15.82	28.60 -0.02 -17.36	28.71 -0.02 -12.76	32.19 0.04 -11.93	43.68 0.12 -20.27	40.72 0.29 -3.54	35.78 2.03 0.00	30.37 1.61 0.00	30.38 1.42 0.00	28.81 1.27 0.00	26.97 0.18 -0.57	28.24 0.54 -0.50	28.54 0.26 -2.43	29.58 0.32 -2.82	35.83 0.38 -6.01	39.39 0.67 -3.36	45.01 3.02 0.00	50.22 3.33 0.00	52.73 3.40 0.00	41.71 2.36 0.00	35.69 2.08 0.00	33.17 1.94 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.97 3.21 -0.01	33.28 2.96 -1.56	32.00 2.96 -0.09	33.33 2.84 -2.95	33.35 2.75 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.47 2.86 -0.01	33.70 2.47 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.97 3.21 -0.01	33.28 2.96 -1.56	32.00 2.96 -0.09	33.33 2.84 -2.95	33.35 2.75 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.47 2.86 -0.01	33.70 2.47 -0.01
ASTORIA_GT2_1 24094	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT2_2 24095	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT2_3 24096	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT2_4 24097	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT3_1 24098	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT3_2 24099	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT3_3 24100	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT3_4 24101	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT4_1 24102	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT4_2 24103	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT4_3 24104	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01

ASTORIA_GT4_4 24105	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.98 3.21 -0.02	33.28 2.96 -1.56	32.00 2.95 -0.09	33.33 2.84 -2.95	33.33 2.73 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.37 4.37 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.57 2.96 -0.01	33.70 2.47 -0.01
ASTORIA_GT_1 23523	31.33 1.27 -13.74	30.58 1.04 -16.21	28.91 1.02 -14.25	27.73 0.84 -15.63	28.67 1.21 -11.49	32.46 1.50 -10.74	43.28 1.75 -18.24	43.10 3.03 -3.19	37.00 3.24 -0.01	33.34 3.02 -1.56	32.06 3.01 -0.09	33.38 2.89 -2.95	33.38 2.78 -4.38	33.42 2.91 -3.31	32.62 2.79 -3.97	34.74 2.88 -5.42	38.19 3.27 -5.49	43.23 4.00 -3.87	46.44 4.45 -0.01	51.69 4.79 -0.01	54.16 4.84 0.00	42.97 3.62 0.00	36.51 2.89 -0.01	33.74 2.50 -0.01
ASTORIA_GT_10 24110	31.35 1.29 -13.74	30.59 1.05 -16.21	28.94 1.05 -14.25	27.75 0.87 -15.63	28.69 1.23 -11.49	32.50 1.54 -10.74	43.28 1.75 -18.24	43.17 3.10 -3.19	37.15 3.38 -0.02	33.60 2.93 -1.91	32.00 2.92 -0.12	33.95 2.81 -3.60	34.16 2.70 -5.24	34.00 2.86 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.19 3.89 -3.93	46.54 4.53 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.97 3.62 0.00	36.61 2.99 -0.01	33.80 2.56 -0.01
ASTORIA_GT_11 24225	31.35 1.29 -13.74	30.59 1.05 -16.21	28.94 1.05 -14.25	27.75 0.87 -15.63	28.69 1.23 -11.49	32.50 1.54 -10.74	43.28 1.75 -18.24	43.17 3.10 -3.19	37.15 3.38 -0.02	33.60 2.93 -1.91	32.00 2.92 -0.12	33.95 2.81 -3.60	34.16 2.70 -5.24	34.00 2.86 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.19 3.89 -3.93	46.54 4.53 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.97 3.62 0.00	36.61 2.99 -0.01	33.80 2.56 -0.01
ASTORIA_GT_12 24226	31.35 1.29 -13.74	30.59 1.05 -16.21	28.94 1.05 -14.25	27.75 0.87 -15.63	28.69 1.23 -11.49	32.50 1.54 -10.74	43.28 1.75 -18.24	43.17 3.10 -3.19	37.15 3.38 -0.02	33.60 2.93 -1.91	32.00 2.92 -0.12	33.95 2.81 -3.60	34.16 2.70 -5.24	34.00 2.86 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.19 3.89 -3.93	46.54 4.53 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.97 3.62 0.00	36.61 2.99 -0.01	33.80 2.56 -0.01
ASTORIA_GT_13 24227	31.35 1.29 -13.74	30.59 1.05 -16.21	28.94 1.05 -14.25	27.75 0.87 -15.63	28.69 1.23 -11.49	32.50 1.54 -10.74	43.28 1.75 -18.24	43.17 3.10 -3.19	37.15 3.38 -0.02	33.60 2.93 -1.91	32.00 2.92 -0.12	33.95 2.81 -3.60	34.16 2.70 -5.24	34.00 2.86 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.19 3.89 -3.93	46.54 4.53 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.97 3.62 0.00	36.61 2.99 -0.01	33.80 2.56 -0.01
ASTORIA_GT_5 24106	31.33 1.27 -13.74	30.58 1.04 -16.21	28.91 1.02 -14.25	27.73 0.84 -15.63	28.67 1.21 -11.49	32.46 1.50 -10.74	43.28 1.75 -18.24	43.13 3.06 -3.19	37.04 3.27 -0.02	33.34 3.02 -1.56	32.06 3.01 -0.09	33.38 2.89 -2.95	33.38 2.78 -4.38	33.42 2.91 -3.31	32.64 2.82 -3.97	34.74 2.88 -5.42	38.19 3.27 -5.49	43.23 4.00 -3.87	46.45 4.45 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.97 3.62 0.00	36.61 2.99 -0.01	33.74 2.50 -0.01
ASTORIA_GT_7 24107	31.33 1.27 -13.74	30.58 1.04 -16.21	28.91 1.02 -14.25	27.73 0.84 -15.63	28.67 1.21 -11.49	32.46 1.50 -10.74	43.28 1.75 -18.24	43.13 3.06 -3.19	37.04 3.27 -0.02	33.34 3.02 -1.56	32.06 3.01 -0.09	33.38 2.89 -2.95	33.38 2.78 -4.38	33.42 2.91 -3.31	32.64 2.82 -3.97	34.74 2.88 -5.42	38.19 3.27 -5.49	43.23 4.00 -3.87	46.45 4.45 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.97 3.62 0.00	36.61 2.99 -0.01	33.74 2.50 -0.01
ASTORIA_GT_8 24108	31.33 1.27 -13.74	30.58 1.04 -16.21	28.91 1.02 -14.25	27.73 0.84 -15.63	28.67 1.21 -11.49	32.46 1.50 -10.74	43.28 1.75 -18.24	43.13 3.06 -3.19	37.04 3.27 -0.02	33.34 3.02 -1.56	32.06 3.01 -0.09	33.38 2.89 -2.95	33.38 2.78 -4.38	33.42 2.91 -3.31	32.64 2.82 -3.97	34.74 2.88 -5.42	38.19 3.27 -5.49	43.23 4.00 -3.87	46.45 4.45 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.97 3.62 0.00	36.61 2.99 -0.01	33.74 2.50 -0.01
ASTORIA___2 24149	31.30 1.24 -13.74	30.57 1.03 -16.21	28.90 1.01 -14.25	27.72 0.83 -15.63	28.64 1.18 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.97 3.21 -0.01	33.28 2.96 -1.56	32.00 2.96 -0.09	33.33 2.84 -2.95	33.35 2.75 -4.38	33.39 2.88 -3.31	32.59 2.77 -3.97	34.72 2.86 -5.42	38.13 3.21 -5.49	43.16 3.93 -3.87	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.90 3.54 0.00	36.47 2.86 -0.01	33.70 2.47 -0.01
ASTORIA___3 23516	31.35 1.29 -13.74	30.59 1.05 -16.21	28.94 1.05 -14.25	27.75 0.87 -15.63	28.69 1.23 -11.49	32.50 1.54 -10.74	43.28 1.75 -18.24	43.17 3.10 -3.19	37.15 3.38 -0.02	33.57 2.90 -1.91	32.00 2.92 -0.12	33.95 2.81 -3.60	34.18 2.73 -5.24	34.00 2.85 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.19 3.89 -3.93	46.54 4.54 -0.02	51.69 4.79 -0.01	54.16 4.84 0.00	42.97 3.62 0.00	36.51 2.89 -0.01	33.80 2.56 -0.01
ASTORIA___4 23517	31.35 1.29 -13.74	30.59 1.05 -16.21	28.94 1.05 -14.25	27.75 0.87 -15.63	28.69 1.23 -11.49	32.50 1.54 -10.74	43.28 1.75 -18.24	43.17 3.10 -3.19	37.15 3.38 -0.02	33.60 2.93 -1.91	32.00 2.92 -0.12	33.95 2.81 -3.60	34.16 2.70 -5.24	34.00 2.86 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.19 3.89 -3.93	46.54 4.53 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.97 3.62 0.00	36.61 2.99 -0.01	33.80 2.56 -0.01
ASTORIA___5 23518	31.35 1.29 -13.74	30.59 1.05 -16.21	28.94 1.05 -14.25	27.75 0.87 -15.63	28.69 1.23 -11.49	32.50 1.54 -10.74	43.28 1.75 -18.24	43.17 3.10 -3.19	37.15 3.38 -0.02	33.57 2.90 -1.91	32.00 2.92 -0.12	33.95 2.81 -3.60	34.18 2.73 -5.24	34.00 2.85 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.19 3.89 -3.93	46.54 4.54 -0.02	51.69 4.79 -0.01	54.16 4.84 0.00	42.97 3.62 0.00	36.51 2.89 -0.01	33.80 2.56 -0.01
AST_ENERGY_2_CC3 323677	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.70 0.82 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.23 1.70 -18.24	43.10 3.03 -3.19	37.04 3.27 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.36 2.86 -2.96	33.36 2.75 -4.39	33.40 2.88 -3.32	32.60 2.77 -3.98	34.72 2.86 -5.43	38.14 3.21 -5.50	43.19 3.96 -3.86	46.45 4.45 -0.01	51.69 4.79 -0.01	54.16 4.84 0.00	42.90 3.54 0.00	36.40 2.79 0.00	33.67 2.44 0.00
AST_ENERGY_2_CC4 323678	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.70 0.82 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.23 1.70 -18.24	43.10 3.03 -3.19	37.04 3.27 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.36 2.86 -2.96	33.36 2.75 -4.39	33.40 2.88 -3.32	32.60 2.77 -3.98	34.72 2.86 -5.43	38.14 3.21 -5.50	43.19 3.96 -3.86	46.45 4.45 -0.01	51.69 4.79 -0.01	54.16 4.84 0.00	42.90 3.54 0.00	36.40 2.79 0.00	33.67 2.44 0.00

ATHENS_STG_1 23668	31.90	31.50	29.68	28.72	29.09	32.65	44.04	41.84	35.27	30.08	30.32	28.89	28.09	29.03	29.56	30.57	36.88	40.54	44.08	49.10	51.55	40.97	34.89	32.45
	0.60	0.49	0.50	0.42	0.59	0.71	0.84	1.48	1.52	1.32	1.36	1.35	1.31	1.33	1.29	1.32	1.47	1.84	2.10	2.20	2.22	1.61	1.28	1.22
	-14.97	-17.68	-15.54	-17.05	-12.53	-11.71	-19.91	-3.48	0.00	0.00	0.00	0.00	-0.56	-0.50	-2.42	-2.81	-5.98	-3.34	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	31.90	31.50	29.68	28.72	29.09	32.65	44.04	41.84	35.27	30.08	30.32	28.89	28.09	29.03	29.56	30.57	36.88	40.54	44.08	49.10	51.55	40.97	34.89	32.45
	0.60	0.49	0.50	0.42	0.59	0.71	0.84	1.48	1.52	1.32	1.36	1.35	1.31	1.33	1.29	1.32	1.47	1.84	2.10	2.20	2.22	1.61	1.28	1.22
	-14.97	-17.68	-15.54	-17.05	-12.53	-11.71	-19.91	-3.48	0.00	0.00	0.00	0.00	-0.56	-0.50	-2.42	-2.81	-5.98	-3.34	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	31.90	31.50	29.68	28.72	29.09	32.65	44.04	41.84	35.27	30.08	30.32	28.89	28.09	29.03	29.56	30.57	36.88	40.54	44.08	49.10	51.55	40.97	34.89	32.45
	0.60	0.49	0.50	0.42	0.59	0.71	0.84	1.48	1.52	1.32	1.36	1.35	1.31	1.33	1.29	1.32	1.47	1.84	2.10	2.20	2.22	1.61	1.28	1.22
	-14.97	-17.68	-15.54	-17.05	-12.53	-11.71	-19.91	-3.48	0.00	0.00	0.00	0.00	-0.56	-0.50	-2.42	-2.81	-5.98	-3.34	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN___LFGE 323710	18.00	15.36	15.42	13.23	17.37	21.49	25.60	37.08	33.62	28.58	28.73	27.32	26.05	26.96	25.86	26.47	29.87	35.42	41.69	46.80	49.28	39.31	33.51	31.04
	-0.15	-0.12	-0.11	-0.10	-0.13	-0.16	-0.12	-0.22	-0.14	-0.17	-0.23	-0.22	-0.24	-0.30	-0.28	-0.32	-0.29	-0.35	-0.29	-0.09	-0.05	-0.04	-0.10	-0.19
	-1.82	-2.15	-1.89	-2.07	-1.52	-1.42	-2.42	-0.42	0.00	0.00	0.00	0.00	-0.07	-0.06	-0.29	-0.34	-0.73	-0.41	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	31.34	30.48	28.74	27.63	28.55	32.68	43.59	44.06	37.33	32.27	32.17	30.85	29.96	30.99	31.20	32.36	38.44	43.53	47.12	52.34	54.76	43.49	36.94	34.01
	1.29	0.95	0.86	0.75	1.10	1.72	2.05	3.98	3.58	3.45	3.21	3.11	2.96	3.13	3.02	3.15	3.53	4.31	5.12	5.44	5.43	4.13	3.33	2.78
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.20	-0.78	-0.67	-2.33	-2.77	-5.47	-3.85	-0.01	-0.01	-0.01	-0.01	0.00	0.00
BABYLON__69_KV_BK2 356345	31.47	30.58	28.84	27.71	28.66	32.88	43.82	44.39	37.64	32.53	32.40	31.09	30.16	31.26	31.45	32.62	38.79	43.99	47.62	53.00	55.45	44.05	37.54	34.29
	1.42	1.04	0.95	0.83	1.21	1.92	2.28	4.32	3.88	3.71	3.45	3.36	3.17	3.40	3.28	3.41	3.89	4.81	5.63	6.10	6.12	4.68	3.93	3.06
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.19	-0.77	-0.66	-2.32	-2.77	-5.47	-3.81	-0.01	-0.01	-0.01	-0.01	0.00	0.00
BALL_HILL_WT_PWR 323825	17.57	15.39	15.28	13.36	16.92	20.57	24.79	34.50	32.10	27.09	27.08	25.83	24.43	25.19	24.43	25.00	28.50	33.82	39.97	45.11	47.70	38.65	33.57	30.42
	-1.34	-0.99	-1.04	-0.83	-1.21	-1.68	-1.93	-2.99	-1.65	-1.67	-1.88	-1.71	-1.89	-2.09	-1.83	-1.93	-1.97	-2.12	-2.01	-1.78	-1.63	-0.71	-0.03	-0.81
	-2.58	-3.05	-2.68	-2.94	-2.16	-2.02	-3.43	-0.60	0.00	0.00	0.00	0.00	-0.10	-0.09	-0.42	-0.49	-1.04	-0.58	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS___WT_PWR 323822	18.58	16.38	16.22	14.29	17.76	21.50	26.11	35.23	31.96	27.00	27.02	25.78	24.48	25.29	24.53	25.14	28.74	34.00	40.18	45.58	48.24	38.80	33.47	30.60
	-0.95	-0.73	-0.75	-0.62	-0.89	-1.23	-1.44	-2.40	-1.79	-1.76	-1.94	-1.76	-1.86	-2.01	-1.83	-1.90	-1.97	-2.09	-1.80	-1.31	-1.09	-0.55	-0.13	-0.62
	-3.21	-3.79	-3.33	-3.65	-2.68	-2.51	-4.27	-0.75	0.00	0.00	0.00	0.00	-0.12	-0.11	-0.52	-0.60	-1.28	-0.72	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	31.23	30.43	28.70	27.59	28.49	32.49	43.33	43.50	37.03	32.07	31.99	30.66	29.79	30.75	30.95	32.04	38.06	42.77	46.28	51.50	53.92	42.78	36.57	33.73
	1.18	0.89	0.82	0.71	1.04	1.54	1.79	3.43	3.27	3.25	3.04	2.95	2.83	2.91	2.79	2.86	3.15	3.68	4.28	4.60	4.59	3.42	2.96	2.50
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.17	-0.74	-0.64	-2.31	-2.74	-5.47	-3.73	-0.01	-0.01	-0.01	-0.01	0.00	0.00
BARRETT_IC_10 23701	31.23	30.43	28.70	27.59	28.49	32.49	43.33	43.50	37.03	32.07	31.99	30.66	29.79	30.75	30.95	32.04	38.06	42.77	46.28	51.50	53.92	42.78	36.57	33.73
	1.18	0.89	0.82	0.71	1.04	1.54	1.79	3.43	3.27	3.25	3.04	2.95	2.83	2.91	2.79	2.86	3.15	3.68	4.28	4.60	4.59	3.42	2.96	2.50
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.17	-0.74	-0.64	-2.31	-2.74	-5.47	-3.73	-0.01	-0.01	-0.01	-0.01	0.00	0.00
BARRETT_IC_11 23702	31.23	30.43	28.70	27.59	28.49	32.49	43.33	43.50	37.03	32.07	31.99	30.66	29.79	30.75	30.95	32.04	38.06	42.77	46.28	51.50	53.92	42.78	36.57	33.73
	1.18	0.89	0.82	0.71	1.04	1.54	1.79	3.43	3.27	3.25	3.04	2.95	2.83	2.91	2.79	2.86	3.15	3.68	4.28	4.60	4.59	3.42	2.96	2.50
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.17	-0.74	-0.64	-2.31	-2.74	-5.47	-3.73	-0.01	-0.01	-0.01	-0.01	0.00	0.00
BARRETT_IC_12 23703	31.23	30.43	28.70	27.59	28.49	32.49	43.33	43.50	37.03	32.07	31.99	30.66	29.79	30.75	30.95	32.04	38.06	42.77	46.28	51.50	53.92	42.78	36.57	33.73
	1.18	0.89	0.82	0.71	1.04	1.54	1.79	3.43	3.27	3.25	3.04	2.95	2.83	2.91	2.79	2.86	3.15	3.68	4.28	4.60	4.59	3.42	2.96	2.50
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.17	-0.74	-0.64	-2.31	-2.74	-5.47	-3.73	-0.01	-0.01	-0.01	-0.01	0.00	0.00
BARRETT_IC_2 23705	31.23	30.43	28.70	27.59	28.49	32.49	43.33	43.50	37.03	32.07	31.99	30.66	29.79	30.75	30.95	32.04	38.06	42.77	46.28	51.50	53.92	42.78	36.57	33.73
	1.18	0.89	0.82	0.71	1.04	1.54	1.79	3.43	3.27	3.25	3.04	2.95	2.83	2.91	2.79	2.86	3.15	3.68	4.28	4.60	4.59	3.42	2.96	2.50
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.17	-0.74	-0.64	-2.31	-2.74	-5.47	-3.73	-0.01	-0.01	-0.01	-0.01	0.00	0.00
BARRETT_IC_3 23706	31.23	30.43	28.70	27.59	28.49	32.49	43.33	43.50	37.03	32.07	31.99	30.66	29.79	30.75	30.95	32.04	38.06	42.77	46.28	51.50	53.92	42.78	36.57	33.73
	1.18	0.89	0.82	0.71	1.04	1.54	1.79	3.43	3.27	3.25	3.04	2.95	2.83	2.91	2.79	2.86	3.15	3.68	4.28	4.60	4.59	3.42	2.96	2.50
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.17	-0.74	-0.64	-2.31	-2.74	-5.47	-3.73	-0.01	-0.01	-0.01	-0.01	0.00	0.00
BARRETT_IC_4 23707	31.23	30.43	28.70	27.59	28.49	32.49	43.33	43.50	37.03	32.07	31.99	30.66	29.79	30.75	30.95	32.04	38.06	42.77	46.28	51.50	53.92	42.78	36.57	33.73
	1.18	0.89	0.82	0.71	1.04	1.54	1.79	3.43	3.27	3.25	3.04	2.95	2.83	2.91	2.79	2.86	3.15	3.68	4.28	4.60	4.59	3.42	2.96	2.50
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.17	-0.74	-0.64	-2.31	-2.74	-5.47	-3.73	-0.01	-0.01	-0.01	-0.01	0.00	0.00

BARRETT_IC_5 23708	31.23 1.18 -13.73	30.43 0.89 -16.21	28.70 0.82 -14.25	27.59 0.71 -15.62	28.49 1.04 -11.48	32.49 1.54 -10.73	43.33 1.79 -18.24	43.50 3.43 -3.19	37.03 3.27 0.00	32.07 3.25 -0.06	31.99 3.04 0.00	30.66 2.95 -0.17	29.79 2.83 -0.74	30.75 2.91 -0.64	30.95 2.79 -2.31	32.04 2.86 -2.74	38.06 3.15 -5.47	42.77 3.68 -3.73	46.28 4.28 -0.01	51.50 4.60 -0.01	53.92 4.59 -0.01	42.78 3.42 -0.01	36.57 2.96 0.00	33.73 2.50 0.00
BARRETT_IC_6 23709	31.23 1.18 -13.73	30.43 0.89 -16.21	28.70 0.82 -14.25	27.59 0.71 -15.62	28.49 1.04 -11.48	32.49 1.54 -10.73	43.33 1.79 -18.24	43.50 3.43 -3.19	37.03 3.27 0.00	32.07 3.25 -0.06	31.99 3.04 0.00	30.66 2.95 -0.17	29.79 2.83 -0.74	30.75 2.91 -0.64	30.95 2.79 -2.31	32.04 2.86 -2.74	38.06 3.15 -5.47	42.77 3.68 -3.73	46.28 4.28 -0.01	51.50 4.60 -0.01	53.92 4.59 -0.01	42.78 3.42 -0.01	36.57 2.96 0.00	33.73 2.50 0.00
BARRETT_IC_7 23710	31.23 1.18 -13.73	30.43 0.89 -16.21	28.70 0.82 -14.25	27.59 0.71 -15.62	28.49 1.04 -11.48	32.49 1.54 -10.73	43.33 1.79 -18.24	43.43 3.36 -3.19	37.03 3.27 0.00	32.07 3.25 -0.06	31.99 3.04 0.00	30.66 2.95 -0.17	29.79 2.83 -0.74	30.72 2.88 -0.64	30.95 2.79 -2.31	32.04 2.86 -2.74	38.06 3.15 -5.47	42.77 3.68 -3.73	46.19 4.20 -0.01	51.50 4.60 -0.01	53.92 4.59 -0.01	42.79 3.42 -0.01	36.80 3.19 0.00	33.73 2.50 0.00
BARRETT_IC_8 23711	31.23 1.18 -13.73	30.43 0.89 -16.21	28.70 0.82 -14.25	27.59 0.71 -15.62	28.49 1.04 -11.48	32.49 1.54 -10.73	43.33 1.79 -18.24	43.50 3.43 -3.19	37.03 3.27 0.00	32.07 3.25 -0.06	31.99 3.04 0.00	30.66 2.95 -0.17	29.79 2.83 -0.74	30.75 2.91 -0.64	30.95 2.79 -2.31	32.04 2.86 -2.74	38.06 3.15 -5.47	42.77 3.68 -3.73	46.28 4.28 -0.01	51.50 4.60 -0.01	53.92 4.59 -0.01	42.78 3.42 -0.01	36.57 2.96 0.00	33.73 2.50 0.00
BARRETT_IC_9 23700	31.23 1.18 -13.73	30.43 0.89 -16.21	28.70 0.82 -14.25	27.59 0.71 -15.62	28.49 1.04 -11.48	32.49 1.54 -10.73	43.33 1.79 -18.24	43.50 3.43 -3.19	37.03 3.27 0.00	32.07 3.25 -0.06	31.99 3.04 0.00	30.66 2.95 -0.17	29.79 2.83 -0.74	30.75 2.91 -0.64	30.95 2.79 -2.31	32.04 2.86 -2.74	38.06 3.15 -5.47	42.77 3.68 -3.73	46.28 4.28 -0.01	51.50 4.60 -0.01	53.92 4.59 -0.01	42.78 3.42 -0.01	36.57 2.96 0.00	33.73 2.50 0.00
BARRETT___1 23545	31.23 1.18 -13.73	30.43 0.89 -16.21	28.70 0.82 -14.25	27.59 0.71 -15.62	28.49 1.04 -11.48	32.49 1.54 -10.73	43.33 1.79 -18.24	43.50 3.43 -3.19	37.03 3.27 0.00	32.07 3.25 -0.06	31.99 3.04 0.00	30.66 2.95 -0.17	29.79 2.83 -0.74	30.75 2.91 -0.64	30.95 2.79 -2.31	32.04 2.86 -2.74	38.06 3.15 -5.47	42.77 3.68 -3.73	46.28 4.28 -0.01	51.50 4.60 -0.01	53.92 4.59 -0.01	42.78 3.42 -0.01	36.57 2.96 0.00	33.73 2.50 0.00
BARRETT___2 23546	31.23 1.18 -13.73	30.43 0.89 -16.21	28.70 0.82 -14.25	27.59 0.71 -15.62	28.49 1.04 -11.48	32.49 1.54 -10.73	43.33 1.79 -18.24	43.50 3.43 -3.19	37.03 3.27 0.00	32.07 3.25 -0.06	31.99 3.04 0.00	30.66 2.95 -0.17	29.79 2.83 -0.74	30.75 2.91 -0.64	30.95 2.79 -2.31	32.04 2.86 -2.74	38.06 3.15 -5.47	42.77 3.68 -3.73	46.28 4.28 -0.01	51.50 4.60 -0.01	53.92 4.59 -0.01	42.78 3.42 -0.01	36.57 2.96 0.00	33.73 2.50 0.00
BATAVIA__115KV_TB1 55881	17.41 -1.14 -2.23	15.13 -0.83 -2.63	15.06 -0.89 -2.31	13.06 -0.73 -2.54	16.84 -0.99 -1.86	20.57 -1.40 -1.74	24.67 -1.58 -2.96	34.93 -2.47 -0.52	31.97 -1.79 0.00	27.09 -1.67 0.00	27.16 -1.80 0.00	25.86 -1.68 0.00	24.68 -1.63 -0.08	25.42 -1.85 -0.07	24.61 -1.60 -0.36	25.14 -1.72 -0.42	28.53 -1.80 -0.89	33.92 -1.95 -0.50	39.80 -2.18 0.00	45.06 -1.83 0.00	47.65 -1.68 0.00	38.53 -0.83 0.00	33.04 -0.57 0.00	30.17 -1.06 0.00
BAYONEEC___CTG1 323682	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.02 2.95 -3.19	37.01 3.24 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.36 2.76 0.00	33.63 2.40 0.00
BAYONEEC___CTG10 323750	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.02 2.95 -3.19	37.01 3.24 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.36 2.76 0.00	33.63 2.40 0.00
BAYONEEC___CTG2 323683	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.02 2.95 -3.19	37.01 3.24 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.36 2.76 0.00	33.63 2.40 0.00
BAYONEEC___CTG3 323684	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.02 2.95 -3.19	37.01 3.24 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.36 2.76 0.00	33.63 2.40 0.00
BAYONEEC___CTG4 323685	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.02 2.95 -3.19	37.01 3.24 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.36 2.76 0.00	33.63 2.40 0.00
BAYONEEC___CTG5 323686	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.02 2.95 -3.19	37.01 3.24 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.36 2.76 0.00	33.63 2.40 0.00
BAYONEEC___CTG6 323687	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.02 2.95 -3.19	37.01 3.24 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.36 2.76 0.00	33.63 2.40 0.00

BAYONEEC___CTG7 323688	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.02 2.95 -3.19	37.01 3.24 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.36 2.76 0.00	33.63 2.40 0.00
BAYONEEC___CTG8 323689	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.02 2.95 -3.19	37.01 3.24 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.36 2.76 0.00	33.63 2.40 0.00
BAYONEEC___CTG9 323749	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.02 2.95 -3.19	37.01 3.24 -0.01	33.26 2.93 -1.57	32.01 2.96 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.85 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.36 2.76 0.00	33.63 2.40 0.00
BEACON___LESR 323632	33.49 0.56 -16.61	33.40 0.47 -19.61	31.35 0.48 -17.24	30.58 0.40 -18.92	30.43 0.56 -13.90	33.95 0.73 -13.00	46.24 0.86 -22.09	41.89 1.14 -3.86	34.77 1.01 0.00	29.62 0.86 0.00	29.83 0.87 0.00	28.37 0.83 0.00	27.61 0.76 -0.63	28.51 0.76 -0.56	29.29 0.75 -2.69	30.30 0.74 -3.12	37.09 1.00 -6.65	40.39 1.31 -3.71	43.54 1.55 0.00	48.58 1.69 0.00	51.05 1.73 0.00	40.65 1.30 0.00	34.58 0.98 0.00	32.17 0.94 0.00
BEAVER RIVER___HYD 24048	16.60 -0.28 -0.56	13.75 -0.24 -0.66	13.94 -0.27 -0.58	11.68 -0.21 -0.64	16.13 -0.30 -0.47	20.38 -0.28 -0.44	23.75 -0.28 -0.74	36.46 -0.55 -0.13	33.01 -0.74 0.00	27.89 -0.86 0.00	30.03 -0.84 -1.92	28.89 -0.96 -2.32	27.48 -1.00 -2.26	28.52 -1.01 -2.33	27.17 -0.98 -2.31	27.85 -0.95 -2.36	31.08 -1.03 -2.67	37.35 -0.99 -2.97	41.15 -0.84 0.00	46.33 -0.56 0.00	48.83 -0.49 0.00	39.04 -0.32 0.00	33.41 -0.20 0.00	31.26 0.03 0.00
BEEBEE_GT_13 23619	17.43 -0.87 -1.98	15.03 -0.63 -2.33	15.02 -0.67 -2.05	12.96 -0.55 -2.25	16.87 -0.75 -1.65	20.70 -1.07 -1.55	24.73 -1.19 -2.63	35.50 -1.84 -0.46	32.30 -1.45 0.00	27.52 -1.24 0.00	27.63 -1.33 0.00	26.30 -1.24 0.00	25.19 -1.10 -0.07	26.01 -1.25 -0.07	25.06 -1.11 -0.32	25.60 -1.22 -0.37	28.93 -1.30 -0.79	34.36 -1.45 -0.44	40.18 -1.81 0.00	45.30 -1.59 0.00	47.80 -1.53 0.00	38.49 -0.87 0.00	32.94 -0.67 0.00	30.20 -1.03 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.53 1.47 -13.74	30.74 1.20 -16.21	29.08 1.19 -14.25	27.86 0.98 -15.63	28.85 1.39 -11.49	32.72 1.76 -10.74	43.51 1.98 -18.24	43.61 3.54 -3.19	37.58 3.81 -0.02	33.77 3.11 -1.91	32.17 3.10 -0.12	34.15 3.00 -3.60	34.34 2.88 -5.24	34.19 3.05 -3.95	33.14 2.92 -4.37	35.51 3.01 -6.05	38.41 3.47 -5.50	43.54 4.24 -3.93	47.17 5.16 -0.02	52.40 5.49 -0.02	54.91 5.57 -0.01	43.53 4.17 0.00	37.04 3.43 -0.01	34.17 2.94 -0.01
BETHLEHEM___GRP 23843	33.31 0.36 -16.63	33.25 0.29 -19.63	31.21 0.31 -17.25	30.45 0.26 -18.93	30.25 0.37 -13.91	33.70 0.47 -13.01	45.92 0.51 -22.11	41.45 0.70 -3.86	34.40 0.64 0.00	29.33 0.58 0.00	29.54 0.58 0.00	28.12 0.58 0.00	27.40 0.55 -0.63	28.30 0.54 -0.56	29.06 0.52 -2.70	30.07 0.50 -3.13	36.74 0.65 -6.66	39.93 0.85 -3.72	42.91 0.92 0.00	47.83 0.94 0.00	50.26 0.94 0.00	40.06 0.71 0.00	34.15 0.54 0.00	31.76 0.53 0.00
BETHLEHEM___GS1 323560	33.31 0.36 -16.63	33.25 0.29 -19.63	31.21 0.31 -17.25	30.45 0.26 -18.93	30.25 0.37 -13.91	33.70 0.47 -13.01	45.92 0.51 -22.11	41.45 0.70 -3.86	34.36 0.61 0.00	29.33 0.57 0.00	29.54 0.58 0.00	28.12 0.58 0.00	27.40 0.55 -0.63	28.30 0.54 -0.56	29.06 0.52 -2.70	30.07 0.50 -3.13	36.74 0.65 -6.66	39.93 0.85 -3.72	42.91 0.92 0.00	47.83 0.94 0.00	50.26 0.93 0.00	40.06 0.71 0.00	34.11 0.50 0.00	31.76 0.53 0.00
BETHLEHEM___GS2 323561	33.31 0.36 -16.63	33.25 0.29 -19.63	31.21 0.31 -17.25	30.45 0.26 -18.93	30.25 0.37 -13.91	33.70 0.47 -13.01	45.92 0.51 -22.11	41.45 0.70 -3.86	34.36 0.61 0.00	29.33 0.57 0.00	29.54 0.58 0.00	28.12 0.58 0.00	27.40 0.55 -0.63	28.30 0.54 -0.56	29.06 0.52 -2.70	30.07 0.50 -3.13	36.74 0.65 -6.66	39.93 0.85 -3.72	42.91 0.92 0.00	47.83 0.94 0.00	50.26 0.93 0.00	40.06 0.71 0.00	34.11 0.50 0.00	31.76 0.53 0.00
BETHLEHEM___GS3 323562	33.31 0.36 -16.63	33.25 0.29 -19.63	31.21 0.31 -17.25	30.45 0.26 -18.93	30.25 0.37 -13.91	33.70 0.47 -13.01	45.92 0.51 -22.11	41.45 0.70 -3.86	34.36 0.61 0.00	29.33 0.57 0.00	29.54 0.58 0.00	28.12 0.58 0.00	27.40 0.55 -0.63	28.30 0.54 -0.56	29.06 0.52 -2.70	30.07 0.50 -3.13	36.74 0.65 -6.66	39.93 0.85 -3.72	42.91 0.92 0.00	47.83 0.94 0.00	50.26 0.93 0.00	40.06 0.71 0.00	34.11 0.50 0.00	31.76 0.53 0.00
BETHLEHEM___STEEL 23779	17.32 -1.50 -2.50	15.16 -1.12 -2.95	15.04 -1.19 -2.59	13.14 -0.97 -2.85	16.69 -1.37 -2.09	20.30 -1.88 -1.96	24.43 -2.19 -3.32	34.03 -3.43 -0.58	31.56 -2.19 0.00	26.71 -2.04 0.00	26.73 -2.23 0.00	25.53 -2.01 0.00	24.22 -2.10 -0.09	24.94 -2.34 -0.08	24.19 -2.07 -0.41	24.72 -2.19 -0.47	28.11 -2.33 -1.00	33.31 -2.62 -0.56	39.17 -2.81 0.00	44.31 -2.58 0.00	46.86 -2.47 0.00	38.02 -1.34 0.00	32.67 -0.94 0.00	29.89 -1.34 0.00
BETHLHEM_115KV_TB1 79974	33.33 0.39 -16.62	33.27 0.32 -19.62	31.21 0.33 -17.25	30.45 0.27 -18.92	30.26 0.38 -13.91	33.71 0.49 -13.00	45.95 0.56 -22.10	41.56 0.81 -3.86	34.46 0.71 0.00	29.39 0.63 0.00	29.62 0.67 0.00	28.17 0.63 0.00	27.45 0.60 -0.63	28.35 0.60 -0.56	29.11 0.57 -2.69	30.15 0.58 -3.12	36.79 0.71 -6.65	40.04 0.95 -3.71	42.99 1.01 0.00	47.93 1.03 0.00	50.36 1.04 0.00	40.14 0.79 0.00	34.21 0.60 0.00	31.82 0.59 0.00
BETHPAGE_CC_5 323564	31.34 1.29 -13.73	30.50 0.96 -16.21	28.77 0.89 -14.25	27.65 0.77 -15.62	28.57 1.12 -11.48	32.63 1.68 -10.73	43.51 1.98 -18.24	43.83 3.76 -3.19	37.23 3.48 0.00	32.21 3.39 -0.06	32.14 3.19 0.00	30.85 3.08 -0.22	29.99 2.96 -0.81	30.99 3.10 -0.69	31.16 2.97 -2.34	32.31 3.07 -2.80	38.29 3.38 -5.47	43.41 4.10 -3.94	46.78 4.78 -0.01	52.02 5.11 -0.01	54.47 5.13 -0.01	43.22 3.86 -0.01	36.80 3.19 0.00	33.88 2.65 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.32 -1.53 -2.53	15.16 -1.15 -2.98	15.05 -1.21 -2.62	13.15 -0.99 -2.88	16.66 -1.42 -2.12	20.28 -1.92 -1.98	24.42 -2.24 -3.36	34.04 -3.43 -0.59	31.56 -2.19 0.00	26.69 -2.07 0.00	26.73 -2.23 0.00	25.53 -2.01 0.00	24.22 -2.10 -0.10	24.92 -2.37 -0.08	24.16 -2.09 -0.41	24.72 -2.19 -0.47	28.12 -2.33 -1.01	33.31 -2.62 -0.56	39.21 -2.77 0.00	44.36 -2.53 0.00	46.96 -2.37 0.00	38.06 -1.30 0.00	32.73 -0.87 0.00	29.92 -1.31 0.00

BINGHAMTON___COGEN 23790	20.66 -0.11 -4.45	18.50 -0.08 -5.26	18.18 -0.08 -4.62	16.26 -0.07 -5.07	19.60 -0.10 -3.73	23.55 -0.16 -3.49	29.05 -0.16 -5.92	37.66 -0.26 -1.04	33.79 0.03 0.00	28.73 -0.03 0.00	28.87 -0.09 0.00	27.49 -0.06 0.00	26.23 -0.16 -0.17	27.13 -0.22 -0.15	26.39 -0.18 -0.72	27.07 -0.21 -0.84	31.04 -0.18 -1.78	36.22 -0.14 -0.99	42.03 0.04 0.00	47.08 0.19 0.00	49.57 0.25 0.00	39.59 0.24 0.00	33.81 0.20 0.00	31.29 0.06 0.00
BIXINCNT_115KV_LOAD 355685	17.01 -1.98 -2.66	14.91 -1.56 -3.15	14.82 -1.58 -2.76	13.00 -1.29 -3.03	16.35 -1.85 -2.23	19.86 -2.45 -2.09	23.95 -2.89 -3.54	33.00 -4.50 -0.62	30.82 -2.94 0.00	26.00 -2.76 0.00	26.00 -2.95 0.00	24.92 -2.62 0.00	23.36 -2.96 -0.10	24.02 -3.26 -0.09	23.31 -2.97 -0.43	23.88 -3.07 -0.50	27.32 -3.18 -1.07	32.71 -3.25 -0.60	38.96 -3.02 0.00	44.27 -2.63 0.00	47.01 -2.32 0.00	38.13 -1.22 0.00	32.77 -0.84 0.00	30.10 -1.12 0.00
BLACK RIVER___HYD 24047	16.92 -0.15 -0.75	14.07 -0.13 -0.88	14.24 -0.18 -0.77	11.98 -0.12 -0.85	16.42 -0.18 -0.62	20.69 -0.12 -0.58	24.24 -0.05 -0.99	36.84 -0.22 -0.17	33.28 -0.47 0.00	28.04 -0.72 0.00	29.58 -0.70 -1.32	28.31 -0.83 -1.60	26.90 -0.89 -1.57	27.86 -0.95 -1.62	26.57 -0.93 -1.65	27.29 -0.85 -1.70	30.51 -0.91 -1.99	36.69 -0.81 -2.13	41.44 -0.55 0.00	46.85 -0.05 0.00	49.43 0.10 0.00	39.43 0.08 0.00	33.68 0.07 0.00	31.35 0.13 0.00
BLACKRVR_115KV_TB2 79977	16.92 -0.15 -0.75	14.07 -0.13 -0.88	14.24 -0.18 -0.77	11.98 -0.12 -0.85	16.42 -0.18 -0.62	20.69 -0.12 -0.58	24.24 -0.05 -0.99	36.84 -0.22 -0.17	33.28 -0.47 0.00	28.04 -0.72 0.00	29.58 -0.69 -1.32	28.31 -0.83 -1.60	26.90 -0.89 -1.57	27.86 -0.95 -1.62	26.57 -0.93 -1.65	27.29 -0.85 -1.70	30.51 -0.91 -1.99	36.68 -0.81 -2.13	41.44 -0.55 0.00	46.85 -0.05 0.00	49.43 0.10 0.00	39.43 0.08 0.00	33.68 0.07 0.00	31.35 0.12 0.00
BLISS_WT_PWR 323608	16.87 -2.12 -2.66	14.79 -1.68 -3.15	14.70 -1.71 -2.76	12.90 -1.40 -3.03	16.20 -2.00 -2.23	19.68 -2.63 -2.09	23.74 -3.10 -3.54	32.67 -4.83 -0.62	30.55 -3.21 0.00	25.71 -3.05 0.00	25.71 -3.24 0.00	24.68 -2.86 0.00	23.07 -3.25 -0.10	23.75 -3.54 -0.09	23.08 -3.21 -0.43	23.61 -3.33 -0.50	27.09 -3.41 -1.07	32.53 -3.43 -0.60	38.83 -3.15 0.00	44.13 -2.77 0.00	46.86 -2.46 0.00	38.06 -1.30 0.00	33.07 -0.54 0.00	30.07 -1.15 0.00
BLUESTONE___WT_PWR 323821	21.66 0.57 -4.77	19.45 0.49 -5.63	19.06 0.48 -4.95	17.13 0.44 -5.43	20.58 0.62 -3.99	24.78 0.83 -3.73	30.73 1.09 -6.34	39.65 1.66 -1.11	35.41 1.65 0.00	29.82 1.06 0.00	30.09 1.13 0.00	28.56 1.02 0.00	27.19 0.79 -0.18	28.09 0.73 -0.16	27.27 0.65 -0.77	28.05 0.71 -0.89	32.22 0.88 -1.90	37.77 1.34 -1.06	44.00 2.02 0.00	49.56 2.67 0.00	52.24 2.91 0.00	41.60 2.24 0.00	35.52 1.91 0.00	32.76 1.53 0.00
BLUE_CIRC_CHEM_DRP 24182	33.21 0.49 -16.40	33.09 0.40 -19.36	31.08 0.42 -17.02	30.28 0.35 -18.68	30.19 0.50 -13.72	33.66 0.61 -12.83	45.80 0.70 -21.81	41.76 1.07 -3.81	34.67 0.91 0.00	29.48 0.72 0.00	29.62 0.67 0.00	28.17 0.63 0.00	27.36 0.52 -0.61	28.28 0.54 -0.54	28.97 0.49 -2.63	29.97 0.48 -3.05	36.56 0.62 -6.50	39.88 0.88 -3.63	43.20 1.22 0.00	48.25 1.36 0.00	50.76 1.43 0.00	40.46 1.10 0.00	34.48 0.87 0.00	32.07 0.84 0.00
BOC_GAS_DRP 24189	33.36 0.46 -16.58	33.27 0.37 -19.57	31.22 0.38 -17.20	30.45 0.32 -18.88	30.29 0.45 -13.87	33.76 0.57 -12.97	45.97 0.63 -22.05	41.77 1.03 -3.85	34.70 0.95 0.00	29.59 0.83 0.00	29.80 0.84 0.00	28.37 0.83 0.00	27.63 0.79 -0.63	28.57 0.82 -0.55	29.31 0.78 -2.68	30.32 0.77 -3.11	36.95 0.88 -6.63	40.20 1.13 -3.70	43.29 1.30 0.00	48.25 1.36 0.00	50.71 1.38 0.00	40.38 1.02 0.00	34.42 0.81 0.00	31.98 0.75 0.00
BOONVILLE_115KV_TB1 79983	16.93 0.11 -0.49	14.00 0.09 -0.58	14.22 0.07 -0.51	11.89 0.07 -0.56	16.48 0.10 -0.41	20.79 0.18 -0.39	24.23 0.28 -0.66	37.40 0.41 -0.11	34.02 0.27 0.00	28.81 0.06 0.00	29.82 0.12 -0.74	28.47 0.03 -0.90	27.08 -0.03 -0.89	28.06 -0.05 -0.91	26.71 -0.08 -0.94	27.38 -0.03 -0.97	30.58 0.00 -1.15	36.72 0.14 -1.22	42.36 0.38 0.00	47.55 0.66 0.00	50.07 0.74 0.00	39.94 0.59 0.00	34.08 0.47 0.00	31.76 0.53 0.00
BORALEX_4TH_BRANCH 23824	33.81 0.88 -16.60	33.65 0.72 -19.60	31.60 0.74 -17.23	30.78 0.62 -18.90	30.74 0.88 -13.89	34.37 1.15 -12.99	46.70 1.33 -22.08	43.06 2.32 -3.86	36.56 2.80 0.00	31.17 2.42 0.00	31.39 2.43 0.00	29.91 2.37 0.00	29.09 2.25 -0.62	30.06 2.31 -0.55	30.73 2.22 -2.65	31.77 2.25 -3.08	38.49 2.50 -6.56	42.14 3.11 -3.66	45.68 3.69 0.00	50.93 4.03 0.00	53.52 4.19 0.00	42.46 3.11 0.00	36.16 2.55 0.00	33.63 2.40 0.00
BOWLINE___1 23526	30.40 0.93 -13.15	29.62 0.77 -15.52	28.04 0.76 -13.64	26.88 0.63 -14.99	27.89 0.91 -11.01	31.61 1.09 -10.30	42.05 1.26 -17.50	42.23 2.29 -3.06	36.29 2.53 0.00	31.00 2.24 0.00	31.22 2.26 0.00	29.72 2.18 0.00	28.84 2.12 -0.49	29.87 2.23 -0.44	30.09 2.12 -2.12	31.12 2.22 -2.46	37.15 2.47 -5.24	41.55 3.04 -3.14	45.43 3.44 0.00	50.55 3.66 0.00	52.98 3.65 0.00	41.99 2.64 0.00	35.66 2.05 0.00	33.04 1.81 0.00
BOWLINE___2 23595	30.40 0.93 -13.15	29.62 0.77 -15.52	28.05 0.76 -13.64	26.88 0.63 -14.99	27.89 0.91 -11.01	31.61 1.09 -10.30	42.05 1.26 -17.50	42.23 2.29 -3.06	36.29 2.53 0.00	31.00 2.24 0.00	31.22 2.26 0.00	29.72 2.18 0.00	28.84 2.12 -0.49	29.87 2.23 -0.44	30.12 2.14 -2.12	31.12 2.22 -2.46	37.15 2.47 -5.24	41.58 3.08 -3.14	45.43 3.44 0.00	50.55 3.66 0.00	53.03 3.70 0.00	41.99 2.64 0.00	35.69 2.08 0.00	33.04 1.81 0.00
BRADY___115KV_TB2 356060	16.16 -0.16 0.00	13.14 -0.19 0.00	13.45 -0.19 0.00	11.10 -0.16 0.00	15.71 -0.26 0.00	20.02 -0.20 0.00	22.99 -0.30 0.00	36.22 -0.66 0.00	32.84 -0.91 0.00	27.87 -0.89 0.00	30.17 -0.87 -2.08	29.12 -0.94 -2.52	27.73 -0.92 -2.43	28.91 -0.79 -2.51	27.45 -0.80 -2.41	28.10 -0.79 -2.45	31.18 -0.91 -2.66	37.51 -0.95 -3.09	41.14 -0.84 0.00	45.86 -1.03 0.00	48.39 -0.94 0.00	39.08 -0.28 0.00	33.61 0.00 0.00	31.29 0.06 0.00
BRANSCOMB___SOLAR 323811	34.13 0.80 -17.00	34.05 0.65 -20.07	31.96 0.68 -17.64	31.18 0.56 -19.36	31.00 0.80 -14.23	34.58 1.05 -13.30	47.18 1.28 -22.61	42.97 2.14 -3.95	35.71 1.96 0.00	30.34 1.58 0.00	30.49 1.53 0.00	29.00 1.46 0.00	28.22 1.36 -0.64	29.15 1.39 -0.57	29.88 1.29 -2.74	30.92 1.30 -3.18	37.65 1.44 -6.77	41.06 1.91 -3.78	44.42 2.43 0.00	49.75 2.86 0.00	52.44 3.11 0.00	41.68 2.32 0.00	35.36 1.75 0.00	32.88 1.65 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.41 1.35 -13.73	30.52 0.99 -16.21	28.79 0.90 -14.25	27.68 0.80 -15.62	28.62 1.17 -11.48	32.84 1.88 -10.73	43.77 2.24 -18.24	44.31 4.24 -3.19	37.53 3.78 0.00	32.47 3.65 -0.06	32.31 3.36 0.00	30.98 3.28 -0.17	30.05 3.09 -0.74	31.15 3.32 -0.63	31.36 3.21 -2.31	32.52 3.33 -2.74	38.73 3.83 -5.47	43.79 4.70 -3.72	47.49 5.50 -0.01	52.81 5.91 -0.01	55.21 5.87 -0.01	43.93 4.57 -0.01	37.41 3.80 0.00	34.20 2.97 0.00

BRISTLHL_115KV_TB1 79998	17.11 -0.31 -1.10	14.36 -0.27 -1.30	14.52 -0.26 -1.14	12.30 -0.21 -1.25	16.59 -0.30 -0.92	20.72 -0.36 -0.86	24.34 -0.42 -1.46	36.40 -0.74 -0.26	33.08 -0.68 0.00	28.18 -0.58 0.00	28.32 -0.64 0.00	26.96 -0.58 0.00	25.71 -0.55 -0.04	26.61 -0.63 -0.04	25.43 -0.59 -0.18	26.04 -0.61 -0.21	29.23 -0.65 -0.44	34.69 -0.92 -0.25	40.93 -1.05 0.00	45.86 -1.03 0.00	48.24 -1.09 0.00	38.45 -0.91 0.00	32.84 -0.77 0.00	30.51 -0.72 0.00
BROOKHAVEN___DRP 24191	31.16 1.11 -13.73	30.28 0.75 -16.21	28.54 0.65 -14.25	27.50 0.62 -15.62	28.34 0.89 -11.48	32.76 1.80 -10.73	43.56 2.03 -18.24	44.20 4.13 -3.19	37.06 3.31 0.00	32.07 3.25 -0.06	31.76 2.81 0.00	30.54 2.84 -0.16	29.52 2.57 -0.73	30.87 3.05 -0.63	31.10 2.95 -2.30	32.27 3.09 -2.74	38.59 3.68 -5.47	43.70 4.63 -3.70	47.41 5.42 -0.01	52.48 5.58 -0.01	54.71 5.38 -0.01	43.89 4.53 -0.01	37.10 3.50 0.00	33.91 2.69 0.00
BROOKLYN_NAVY_YARD 23515	31.31 1.26 -13.73	30.56 1.03 -16.21	28.91 1.02 -14.24	27.71 0.83 -15.62	28.65 1.20 -11.48	32.45 1.50 -10.73	43.28 1.75 -18.24	43.17 3.10 -3.19	37.11 3.34 -0.01	33.34 3.02 -1.57	32.07 3.01 -0.10	33.42 2.92 -2.96	33.42 2.81 -4.39	33.46 2.94 -3.32	32.65 2.82 -3.98	34.78 2.91 -5.43	38.20 3.27 -5.50	43.26 4.03 -3.86	46.53 4.54 -0.01	51.78 4.88 -0.01	54.26 4.93 0.00	42.93 3.58 0.00	36.46 2.86 0.00	33.73 2.50 0.00
BROOKLYN___ARMY_DRP 323595	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
BROOKVLE_69_KV_TB1 55790	31.33 1.27 -13.73	30.52 0.99 -16.21	28.83 0.94 -14.25	27.68 0.80 -15.62	28.60 1.15 -11.48	32.55 1.60 -10.73	43.44 1.91 -18.24	43.57 3.50 -3.19	37.20 3.44 0.00	32.10 3.28 -0.06	32.14 3.19 0.00	31.02 3.08 -0.40	30.22 2.96 -1.04	31.14 3.07 -0.87	31.27 2.97 -2.44	32.46 3.04 -2.98	38.30 3.38 -5.48	44.13 4.14 -4.63	46.70 4.70 -0.02	51.97 5.06 -0.02	54.42 5.08 -0.01	43.19 3.82 -0.01	36.87 3.26 0.00	33.88 2.65 0.00
BROOME_2_LFGE 323671	20.66 -0.11 -4.45	18.51 -0.08 -5.26	18.18 -0.08 -4.62	16.26 -0.07 -5.07	19.60 -0.10 -3.73	23.55 -0.16 -3.49	29.05 -0.16 -5.92	37.66 -0.26 -1.04	33.82 0.07 0.00	28.73 -0.03 0.00	28.87 -0.09 0.00	27.49 -0.05 0.00	26.23 -0.16 -0.17	27.13 -0.22 -0.15	26.39 -0.18 -0.72	27.07 -0.21 -0.84	31.04 -0.18 -1.78	36.22 -0.14 -0.99	42.03 0.04 0.00	47.08 0.19 0.00	49.57 0.25 0.00	39.59 0.24 0.00	33.88 0.27 0.00	31.29 0.06 0.00
BROOME___LFGE 323600	20.66 -0.11 -4.45	18.51 -0.08 -5.26	18.18 -0.08 -4.62	16.26 -0.07 -5.07	19.60 -0.10 -3.73	23.55 -0.16 -3.49	29.05 -0.16 -5.92	37.66 -0.26 -1.04	33.82 0.07 0.00	28.73 -0.03 0.00	28.87 -0.09 0.00	27.49 -0.05 0.00	26.23 -0.16 -0.17	27.13 -0.22 -0.15	26.39 -0.18 -0.72	27.07 -0.21 -0.84	31.04 -0.18 -1.78	36.22 -0.14 -0.99	42.03 0.04 0.00	47.08 0.19 0.00	49.57 0.25 0.00	39.59 0.24 0.00	33.88 0.27 0.00	31.29 0.06 0.00
BROWNFLS_115KV_TB_3_5 80003	16.25 -0.49 -0.41	13.37 -0.44 -0.49	13.60 -0.46 -0.43	11.34 -0.38 -0.47	15.77 -0.54 -0.34	19.96 -0.59 -0.32	23.16 -0.68 -0.55	35.76 -1.22 -0.10	32.37 -1.38 0.00	27.43 -1.32 0.00	31.10 -1.30 -3.44	30.33 -1.38 -4.17	28.89 -1.36 -4.03	30.03 -1.33 -4.16	28.58 -1.32 -4.05	29.28 -1.30 -4.13	32.54 -1.47 -4.57	39.02 -1.56 -5.21	40.43 -1.55 0.00	45.35 -1.55 0.00	47.85 -1.48 0.00	38.41 -0.94 0.00	33.04 -0.57 0.00	30.85 -0.37 0.00
BROWNSV1_27_KV_LOAD 356125	31.37 1.32 -13.73	30.61 1.08 -16.21	28.95 1.06 -14.24	27.75 0.88 -15.62	28.69 1.25 -11.48	32.51 1.56 -10.73	43.37 1.84 -18.24	43.32 3.25 -3.19	37.28 3.51 -0.01	33.46 3.13 -1.57	32.18 3.13 -0.10	33.53 3.03 -2.96	33.52 2.91 -4.39	33.57 3.05 -3.32	32.75 2.92 -3.98	34.88 3.01 -5.43	38.32 3.38 -5.50	43.44 4.21 -3.86	46.78 4.79 -0.01	52.06 5.16 -0.01	54.51 5.18 0.00	43.17 3.82 0.00	36.70 3.09 0.00	33.85 2.62 0.00
BURROWS___LYONSDAL 23803	16.85 0.02 -0.51	13.92 0.00 -0.60	14.14 -0.03 -0.52	11.83 0.00 -0.58	16.39 0.00 -0.42	20.68 0.06 -0.40	24.10 0.14 -0.67	37.15 0.15 -0.12	33.79 0.03 0.00	28.58 -0.17 0.00	29.82 -0.12 -0.97	28.50 -0.22 -1.18	27.09 -0.29 -1.16	28.09 -0.30 -1.19	26.75 -0.31 -1.21	27.42 -0.26 -1.24	30.62 -0.26 -1.45	36.79 -0.14 -1.56	42.07 0.08 0.00	47.27 0.38 0.00	49.77 0.44 0.00	39.67 0.31 0.00	33.88 0.27 0.00	31.64 0.41 0.00
CAITHNESS_CC_1 323624	31.19 1.14 -13.73	30.31 0.77 -16.21	28.57 0.68 -14.25	27.52 0.64 -15.62	28.38 0.93 -11.48	32.72 1.76 -10.73	43.56 2.03 -18.24	44.20 4.13 -3.19	37.10 3.34 0.00	32.10 3.28 -0.06	31.82 2.87 0.00	30.59 2.89 -0.16	29.59 2.65 -0.73	30.87 3.05 -0.63	31.07 2.92 -2.30	32.27 3.09 -2.74	38.53 3.62 -5.47	43.63 4.56 -3.70	47.41 5.42 -0.01	52.43 5.53 -0.01	54.66 5.33 -0.01	43.77 4.41 -0.01	36.70 3.09 0.00	33.92 2.69 0.00
CALPINE BETH_PAGE_GT4 24209	31.34 1.29 -13.73	30.50 0.96 -16.21	28.77 0.89 -14.25	27.65 0.77 -15.62	28.57 1.12 -11.48	32.64 1.68 -10.73	43.47 1.93 -18.24	43.65 3.58 -3.19	37.13 3.38 0.00	32.13 3.31 -0.06	32.08 3.13 0.00	30.82 3.03 -0.25	29.98 2.91 -0.85	30.94 3.02 -0.72	31.13 2.92 -2.36	32.26 2.99 -2.83	38.18 3.27 -5.48	43.35 3.93 -4.05	46.49 4.49 -0.01	51.83 4.92 -0.01	54.22 4.88 -0.01	43.02 3.66 -0.01	36.94 3.33 0.00	33.82 2.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.34 1.29 -13.73	30.50 0.96 -16.21	28.77 0.89 -14.25	27.65 0.77 -15.62	28.57 1.12 -11.48	32.63 1.68 -10.73	43.47 1.93 -18.24	43.72 3.65 -3.19	37.16 3.41 0.00	32.13 3.31 -0.06	32.08 3.13 0.00	30.82 3.03 -0.25	29.98 2.91 -0.85	30.94 3.02 -0.72	31.10 2.89 -2.36	32.26 2.99 -2.83	38.18 3.27 -5.48	43.35 3.93 -4.05	46.57 4.58 -0.01	51.83 4.92 -0.01	54.22 4.88 -0.01	43.03 3.66 -0.01	36.70 3.09 0.00	33.82 2.59 0.00
CALPINE_BP_GT1 23823	31.34 1.29 -13.73	30.50 0.96 -16.21	28.77 0.89 -14.25	27.65 0.77 -15.62	28.57 1.12 -11.48	32.63 1.68 -10.73	43.47 1.93 -18.24	43.72 3.65 -3.19	37.16 3.41 0.00	32.13 3.31 -0.06	32.08 3.13 0.00	30.82 3.03 -0.25	29.98 2.91 -0.85	30.94 3.02 -0.72	31.10 2.89 -2.36	32.26 2.99 -2.83	38.18 3.27 -5.48	43.35 3.93 -4.05	46.57 4.58 -0.01	51.83 4.92 -0.01	54.22 4.88 -0.01	43.03 3.66 -0.01	36.70 3.09 0.00	33.82 2.59 0.00
CALSPAN___DRP 24200	17.32 -1.50 -2.50	15.16 -1.12 -2.95	15.04 -1.19 -2.59	13.14 -0.97 -2.85	16.69 -1.37 -2.09	20.30 -1.88 -1.96	24.43 -2.19 -3.32	34.03 -3.43 -0.58	31.56 -2.19 0.00	26.71 -2.04 0.00	26.73 -2.23 0.00	25.53 -2.01 0.00	24.22 -2.10 -0.09	24.94 -2.34 -0.08	24.19 -2.07 -0.41	24.72 -2.19 -0.47	28.11 -2.33 -1.00	33.31 -2.62 -0.56	39.17 -2.81 0.00	44.31 -2.58 0.00	46.86 -2.47 0.00	38.02 -1.34 0.00	32.67 -0.94 0.00	29.89 -1.34 0.00

CALVERTON___SOLAR 323806	31.15 1.09 -13.73	30.27 0.73 -16.21	28.51 0.63 -14.25	27.48 0.60 -15.62	28.31 0.86 -11.48	32.78 1.82 -10.73	43.59 2.05 -18.24	44.35 4.28 -3.19	37.06 3.31 0.00	32.04 3.22 -0.06	31.68 2.72 0.00	30.51 2.81 -0.16	29.44 2.49 -0.73	30.87 3.05 -0.63	31.05 2.89 -2.30	32.24 3.07 -2.74	38.61 3.71 -5.47	43.77 4.70 -3.70	47.62 5.63 -0.01	52.53 5.62 -0.01	54.76 5.43 -0.01	43.96 4.60 -0.01	36.67 3.06 0.00	33.94 2.72 0.00
CANDIGU_WT_PWR 323617	18.58 -0.95 -3.21	16.38 -0.73 -3.79	16.22 -0.75 -3.33	14.29 -0.62 -3.65	17.76 -0.89 -2.68	21.50 -1.23 -2.51	26.11 -1.44 -4.27	35.23 -2.40 -0.75	31.96 -1.79 0.00	27.00 -1.76 0.00	27.02 -1.94 0.00	25.78 -1.76 0.00	24.48 -1.86 -0.12	25.29 -2.01 -0.11	24.53 -1.83 -0.52	25.14 -1.90 -0.60	28.74 -1.97 -1.28	34.00 -2.09 -0.72	40.18 -1.80 0.00	45.58 -1.31 0.00	48.24 -1.09 0.00	38.80 -0.55 0.00	33.47 -0.13 0.00	30.60 -0.62 0.00
CARR STREET_E_SYR 24060	17.39 -0.20 -1.26	14.66 -0.16 -1.49	14.80 -0.15 -1.31	12.56 -0.13 -1.44	16.85 -0.18 -1.06	20.97 -0.24 -0.99	24.74 -0.23 -1.68	36.74 -0.44 -0.29	33.38 -0.37 0.00	28.44 -0.32 0.00	28.61 -0.35 0.00	27.24 -0.30 0.00	25.95 -0.31 -0.05	26.86 -0.38 -0.04	25.72 -0.34 -0.20	26.31 -0.37 -0.24	29.55 -0.38 -0.50	35.08 -0.57 -0.28	41.36 -0.63 0.00	46.28 -0.61 0.00	48.68 -0.64 0.00	38.84 -0.51 0.00	33.17 -0.44 0.00	30.79 -0.44 0.00
CARTHAGE___PAPER 23857	16.75 -0.24 -0.67	13.91 -0.21 -0.79	14.09 -0.25 -0.70	11.83 -0.19 -0.77	16.26 -0.27 -0.56	20.53 -0.22 -0.53	24.00 -0.19 -0.90	36.60 -0.44 -0.16	33.08 -0.67 0.00	27.89 -0.86 0.00	29.67 -0.84 -1.55	28.43 -0.99 -1.88	27.03 -1.02 -1.84	28.03 -1.06 -1.89	26.72 -1.03 -1.90	27.45 -0.95 -1.95	30.66 -1.03 -2.25	36.87 -0.95 -2.46	41.27 -0.71 0.00	46.52 -0.38 0.00	49.08 -0.25 0.00	39.20 -0.16 0.00	33.54 -0.07 0.00	31.29 0.06 0.00
CASSADAGA_WT_PWR 323784	17.32 -1.65 -2.64	15.22 -1.23 -3.12	15.11 -1.27 -2.74	13.28 -0.99 -3.01	16.71 -1.47 -2.21	20.37 -1.92 -2.07	24.61 -2.19 -3.51	34.29 -3.21 -0.61	32.07 -1.69 0.00	26.83 -1.93 0.00	26.76 -2.20 0.00	25.50 -2.04 0.00	24.07 -2.26 -0.10	24.81 -2.47 -0.09	24.13 -2.15 -0.43	24.75 -2.19 -0.50	28.35 -2.15 -1.06	33.73 -2.23 -0.59	40.18 -1.80 0.00	45.58 -1.31 0.00	48.34 -0.99 0.00	39.24 -0.12 0.00	34.18 0.57 0.00	30.95 -0.28 0.00
CE_DUNWOOD___DRP 24194	31.10 1.08 -13.70	30.38 0.88 -16.17	28.73 0.87 -14.21	27.56 0.72 -15.59	28.45 1.02 -11.45	32.21 1.27 -10.71	42.98 1.49 -18.20	42.72 2.66 -3.18	36.62 2.87 0.00	31.37 2.56 -0.06	31.54 2.58 0.00	30.16 2.51 -0.11	29.29 2.41 -0.66	30.29 2.53 -0.56	30.55 2.43 -2.27	31.62 2.51 -2.67	37.71 2.83 -5.45	42.33 3.50 -3.46	45.97 3.99 0.00	51.11 4.22 0.00	53.57 4.24 0.00	42.42 3.07 0.00	36.13 2.52 0.00	33.35 2.12 0.00
CE_MILLWOOD___DRP 24193	31.03 1.03 -13.67	30.32 0.85 -16.14	28.67 0.85 -14.19	27.32 0.68 -15.38	28.25 0.97 -11.30	31.99 1.19 -10.57	42.65 1.40 -17.97	42.53 2.51 -3.14	36.49 2.73 0.00	31.21 2.42 -0.04	31.39 2.43 0.00	29.99 2.37 -0.08	29.11 2.28 -0.61	30.12 2.39 -0.53	30.37 2.30 -2.22	31.42 2.38 -2.60	37.49 2.68 -5.38	41.96 3.29 -3.30	45.72 3.74 0.00	50.83 3.94 0.00	53.32 4.00 0.00	42.23 2.87 0.00	35.96 2.35 0.00	33.23 2.00 0.00
CE_NYC2_DRP 24202	31.36 1.31 -13.74	30.61 1.07 -16.21	28.95 1.06 -14.25	27.75 0.87 -15.63	28.70 1.25 -11.49	32.50 1.54 -10.74	43.30 1.77 -18.24	43.21 3.14 -3.19	37.18 3.41 -0.02	33.60 2.93 -1.91	32.03 2.95 -0.12	33.98 2.84 -3.60	34.21 2.75 -5.24	34.03 2.88 -3.95	32.99 2.77 -4.37	35.35 2.86 -6.05	38.15 3.21 -5.50	43.23 3.93 -3.93	46.58 4.58 -0.02	51.78 4.88 -0.01	54.21 4.88 0.00	43.01 3.66 0.00	36.64 3.02 -0.01	33.80 2.56 -0.01
CE_NYC_DRP 24195	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.70 0.82 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.25 1.72 -18.24	43.09 3.02 -3.19	37.04 3.27 -0.01	33.17 2.93 -1.48	32.03 2.98 -0.09	33.19 2.86 -2.79	33.17 2.78 -4.17	33.27 2.91 -3.16	32.52 2.79 -3.88	34.59 2.88 -5.26	38.14 3.21 -5.49	43.17 3.96 -3.84	46.49 4.49 -0.01	51.73 4.83 -0.01	54.16 4.83 0.00	42.90 3.54 0.00	36.50 2.89 0.00	33.66 2.44 0.00
CHAFFEE___LFGE 323603	17.50 -1.62 -2.79	15.39 -1.23 -3.29	15.25 -1.28 -2.89	13.40 -1.04 -3.18	16.82 -1.48 -2.33	20.36 -2.04 -2.18	24.60 -2.40 -3.71	33.73 -3.80 -0.65	31.86 -1.89 0.00	26.86 -1.90 0.00	26.87 -2.09 0.00	25.64 -1.90 0.00	23.83 -2.49 -0.11	24.57 -2.72 -0.09	23.85 -2.46 -0.45	24.38 -2.59 -0.53	27.85 -2.71 -1.12	32.95 -3.04 -0.62	39.51 -2.48 0.00	44.50 -2.39 0.00	47.06 -2.27 0.00	38.02 -1.34 0.00	32.90 -0.71 0.00	30.01 -1.22 0.00
CHATEAUG_35_KV_LOAD 355732	15.72 -0.60 0.00	12.73 -0.60 0.00	13.01 -0.63 0.00	10.71 -0.55 0.00	15.19 -0.78 0.00	19.39 -0.83 0.00	22.29 -1.00 0.00	35.22 -1.66 0.00	31.90 -1.86 0.00	27.03 -1.73 0.00	-1.85 -1.74 29.07	-9.38 -1.74 35.18	-9.34 -1.65 33.91	-9.36 -1.55 35.01	-9.27 -1.50 33.62	-9.34 -1.53 34.25	-9.51 -1.74 37.21	-9.88 -2.02 43.23	39.89 -2.10 0.00	44.83 -2.06 0.00	47.50 -1.83 0.00	38.21 -1.14 0.00	32.84 -0.77 0.00	30.64 -0.59 0.00
CHATEAUG_WT_PWR 323614	15.74 -0.59 0.00	12.75 -0.57 0.00	13.04 -0.60 0.00	10.73 -0.53 0.00	15.22 -0.75 0.00	19.43 -0.79 0.00	22.34 -0.96 0.00	35.30 -1.58 0.00	32.03 -1.72 0.00	27.15 -1.61 0.00	0.15 -1.62 27.18	-6.98 -1.62 32.90	-7.04 -1.55 31.71	-7.01 -1.47 32.74	-7.04 -1.45 31.44	-7.06 -1.48 32.02	-7.07 -1.71 34.79	-7.00 -1.95 40.42	39.93 -2.06 0.00	44.88 -2.02 0.00	47.60 -1.73 0.00	38.25 -1.10 0.00	32.87 -0.74 0.00	30.67 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	15.72 -0.60 0.00	12.73 -0.60 0.00	13.01 -0.63 0.00	10.71 -0.55 0.00	15.19 -0.78 0.00	19.39 -0.83 0.00	22.29 -1.00 0.00	35.22 -1.66 0.00	31.90 -1.86 0.00	27.03 -1.73 0.00	-1.85 -1.74 29.07	-9.38 -1.74 35.18	-9.34 -1.65 33.91	-9.36 -1.55 35.01	-9.27 -1.50 33.62	-9.34 -1.53 34.25	-9.51 -1.74 37.21	-9.88 -2.02 43.23	39.89 -2.10 0.00	44.83 -2.06 0.00	47.50 -1.83 0.00	38.21 -1.14 0.00	32.84 -0.77 0.00	30.64 -0.59 0.00
CHAUTAUQUA___LFGE 323629	17.56 -1.35 -2.59	15.39 -1.00 -3.06	15.28 -1.05 -2.69	13.38 -0.83 -2.95	16.92 -1.21 -2.17	20.59 -1.66 -2.03	24.83 -1.91 -3.45	34.61 -2.88 -0.60	32.27 -1.48 0.00	27.15 -1.61 0.00	27.10 -1.85 0.00	25.86 -1.68 0.00	24.46 -1.86 -0.10	25.22 -2.07 -0.09	24.49 -1.78 -0.42	25.05 -1.88 -0.49	28.59 -1.88 -1.04	33.97 -1.98 -0.58	40.22 -1.76 0.00	45.44 -1.45 0.00	48.10 -1.23 0.00	39.00 -0.35 0.00	33.91 0.30 0.00	30.70 -0.53 0.00
CHERRYST_13_KV_LD 356241	31.32 1.27 -13.73	30.57 1.04 -16.21	28.92 1.04 -14.24	27.72 0.84 -15.62	28.66 1.21 -11.48	32.47 1.52 -10.73	43.30 1.77 -18.24	43.21 3.14 -3.19	37.18 3.41 -0.01	33.29 3.05 -1.49	32.12 3.07 -0.09	33.32 2.97 -2.81	33.27 2.86 -4.19	33.36 2.99 -3.17	32.61 2.87 -3.89	34.68 2.96 -5.28	38.25 3.33 -5.49	43.32 4.10 -3.85	46.62 4.62 -0.01	51.87 4.97 -0.01	54.31 4.98 0.00	43.01 3.66 0.00	36.60 2.99 0.00	33.76 2.53 0.00

CHESTROR_138KV_BK263 355645	29.70 0.78 -12.60	28.85 0.65 -14.87	27.35 0.64 -13.07	26.16 0.54 -14.36	27.29 0.77 -10.55	31.02 0.93 -9.87	41.14 1.07 -16.77	41.77 1.95 -2.93	35.88 2.13 0.00	30.65 1.90 0.00	30.84 1.88 0.00	29.36 1.82 0.00	28.48 1.78 -0.47	29.47 1.85 -0.42	29.67 1.78 -2.03	30.65 1.85 -2.36	36.51 2.06 -5.02	40.86 2.58 -2.92	44.92 2.94 0.00	50.04 3.14 0.00	52.48 3.16 0.00	41.60 2.24 0.00	35.46 1.85 0.00	32.79 1.56 0.00
CH_MIDHUDSON___DRP 24192	31.12 0.95 -13.85	30.46 0.79 -16.35	28.79 0.78 -14.37	27.67 0.64 -15.77	28.48 0.93 -11.59	32.21 1.15 -10.84	43.04 1.33 -18.42	42.46 2.36 -3.22	36.29 2.53 0.00	30.97 2.21 0.00	31.16 2.20 0.00	29.66 2.12 0.00	28.84 2.10 -0.52	29.84 2.18 -0.46	30.19 2.09 -2.24	31.19 2.14 -2.60	37.39 2.41 -5.54	41.44 3.01 -3.07	45.47 3.48 0.00	50.64 3.75 0.00	53.12 3.80 0.00	42.07 2.72 0.00	35.83 2.22 0.00	33.13 1.90 0.00
CH_MISC_IPPS 23765	30.91 0.98 -13.61	30.21 0.81 -16.07	28.57 0.80 -14.12	27.42 0.66 -15.50	28.32 0.96 -11.39	32.07 1.19 -10.65	42.79 1.40 -18.10	42.48 2.43 -3.16	36.39 2.63 0.00	31.00 2.24 0.00	31.19 2.23 0.00	29.66 2.12 0.00	28.83 2.10 -0.51	29.83 2.18 -0.45	30.13 2.09 -2.19	31.17 2.19 -2.54	37.31 2.47 -5.41	41.47 3.11 -2.99	45.60 3.61 0.00	50.78 3.89 0.00	53.27 3.95 0.00	42.15 2.79 0.00	35.86 2.25 0.00	33.20 1.97 0.00
CH_RES_BVR_FALLS 23983	15.85 -0.47 0.00	12.93 -0.40 0.00	13.24 -0.40 0.00	10.94 -0.32 0.00	15.52 -0.45 0.00	19.70 -0.53 0.00	22.64 -0.65 0.00	35.78 -1.11 0.00	32.61 -1.15 0.00	27.72 -1.03 0.00	27.94 -1.01 0.00	26.52 -1.02 0.00	25.25 -0.97 0.00	26.27 -0.92 0.00	24.94 -0.91 0.00	25.52 -0.93 0.00	28.40 -1.03 0.00	34.16 -1.20 0.00	40.73 -1.26 0.00	45.53 -1.36 0.00	48.04 -1.28 0.00	38.53 -0.83 0.00	33.00 -0.60 0.00	30.76 -0.47 0.00
CH_RES_NIAGARA 23895	17.00 -1.66 -2.35	14.86 -1.24 -2.77	14.75 -1.32 -2.43	12.85 -1.08 -2.67	16.40 -1.53 -1.96	19.88 -2.18 -1.84	23.85 -2.56 -3.12	33.37 -4.06 -0.55	30.62 -3.14 0.00	26.05 -2.70 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.87 -2.44 -0.09	24.56 -2.72 -0.08	23.80 -2.43 -0.38	24.32 -2.56 -0.44	27.60 -2.77 -0.94	32.67 -3.22 -0.52	38.04 -3.95 0.00	42.95 -3.94 0.00	45.38 -3.95 0.00	36.84 -2.52 0.00	31.69 -1.92 0.00	28.98 -2.25 0.00
CH_RES_SYRACUSE 23985	17.62 -0.13 -1.43	14.89 -0.12 -1.68	15.01 -0.11 -1.48	12.79 -0.09 -1.62	17.03 -0.13 -1.19	21.18 -0.16 -1.12	25.03 -0.16 -1.90	36.92 -0.30 -0.33	33.48 -0.27 0.00	28.53 -0.23 0.00	28.67 -0.29 0.00	27.29 -0.25 0.00	26.01 -0.26 -0.05	26.95 -0.30 -0.05	25.77 -0.31 -0.23	26.39 -0.32 -0.27	29.68 -0.32 -0.57	35.22 -0.46 -0.32	41.48 -0.50 0.00	46.47 -0.42 0.00	48.88 -0.44 0.00	39.00 -0.35 0.00	33.31 -0.30 0.00	30.89 -0.34 0.00
CLINTON_WT_PWR 323605	15.74 -0.59 0.00	12.75 -0.57 0.00	13.04 -0.60 0.00	10.73 -0.53 0.00	15.22 -0.75 0.00	19.43 -0.79 0.00	22.34 -0.96 0.00	35.30 -1.58 0.00	32.03 -1.72 0.00	27.15 -1.61 27.18	0.15 -1.62 32.90	-6.98 -1.62 31.71	-7.04 -1.55 32.74	-7.01 -1.47 31.44	-7.04 -1.45 32.02	-7.06 -1.48 32.77	-7.07 -1.71 35.61	-7.00 -1.95 41.37	39.93 -2.06 0.00	44.88 -2.02 0.00	47.60 -1.73 0.00	38.25 -1.10 0.00	32.87 -0.74 0.00	30.67 -0.56 0.00
CLINTON___LFGE 323618	15.98 -0.34 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.89 -0.37 0.00	15.44 -0.53 0.00	19.76 -0.46 0.00	22.73 -0.56 0.00	35.96 -0.92 0.00	32.57 -1.18 0.00	27.58 -1.18 27.82	0.01 -1.13 33.67	-7.28 -1.16 32.45	-7.33 -1.10 33.50	-7.28 -0.98 32.17	-7.33 -1.01 32.77	-7.39 -1.06 35.61	-7.35 -1.18 41.37	-7.24 -1.24 0.00	40.73 -1.26 0.00	45.82 -1.08 0.00	48.64 -0.69 0.00	39.04 -0.32 0.00	33.51 -0.10 0.00	31.26 0.03 0.00
COBBLENY_34_KV_TB1 80064	17.51 -1.60 -2.79	15.39 -1.23 -3.29	15.25 -1.28 -2.89	13.40 -1.04 -3.18	16.80 -1.50 -2.33	20.36 -2.04 -2.18	24.60 -2.40 -3.71	33.73 -3.80 -0.65	31.86 -1.89 0.00	26.86 -1.90 0.00	26.87 -2.08 0.00	25.67 -1.87 0.00	23.84 -2.49 -0.11	24.57 -2.72 -0.09	23.82 -2.48 -0.45	24.38 -2.59 -0.53	27.82 -2.74 -1.12	32.95 -3.04 -0.62	39.47 -2.52 0.00	44.50 -2.39 0.00	47.06 -2.27 0.00	38.02 -1.34 0.00	32.63 -0.97 0.00	30.01 -1.22 0.00
COFFEEN___115KV_TB3 355620	17.00 -0.08 -0.76	14.14 -0.08 -0.90	14.30 -0.12 -0.79	12.04 -0.08 -0.86	16.49 -0.11 -0.64	20.80 -0.02 -0.59	24.37 0.07 -1.01	36.99 -0.07 -0.18	33.42 -0.34 0.00	28.12 -0.63 -1.28	29.60 -0.64 -1.55	28.29 -0.80 -1.52	26.88 -0.87 -1.52	27.84 -0.92 -1.57	26.55 -0.90 -1.60	27.27 -0.82 -1.65	30.52 -0.85 -1.94	36.73 -0.71 -2.07	41.61 -0.38 0.00	47.13 0.23 0.00	49.72 0.39 0.00	39.67 0.31 0.00	33.84 0.24 0.00	31.48 0.25 0.00
COLDSPRG_115KV_BK1 355956	17.70 -1.34 -2.72	15.55 -0.99 -3.21	15.42 -1.04 -2.82	13.53 -0.82 -3.10	17.05 -1.20 -2.27	20.77 -1.58 -2.13	25.07 -1.84 -3.62	34.79 -2.73 -0.63	32.64 -1.11 0.00	27.38 -1.38 0.00	27.36 -1.59 0.00	26.11 -1.43 0.00	24.49 -1.84 -0.10	25.22 -2.07 -0.09	24.48 -1.81 -0.44	25.05 -1.90 -0.51	28.67 -1.85 -1.09	34.03 -1.95 -0.61	40.56 -1.43 0.00	45.91 -0.98 0.00	48.64 -0.69 0.00	39.43 0.08 0.00	33.88 0.27 0.00	31.01 -0.22 0.00
COLONIE_LFGE___ 323577	33.83 0.69 -16.82	33.75 0.56 -19.86	31.67 0.57 -17.46	30.90 0.48 -19.16	30.73 0.69 -14.08	34.28 0.89 -13.16	46.71 1.05 -22.37	42.64 1.84 -3.91	35.54 1.79 0.00	30.28 1.52 0.00	30.46 1.50 0.00	29.00 1.46 0.00	28.24 1.39 -0.63	29.17 1.41 -0.56	29.91 1.34 -2.72	30.94 1.35 -3.15	37.64 1.50 -6.71	41.02 1.91 -3.74	44.29 2.31 0.00	49.42 2.53 0.00	51.94 2.61 0.00	41.28 1.93 0.00	35.12 1.51 0.00	32.67 1.44 0.00
COOPERNY_115KV_TB1 80082	27.18 0.57 -10.29	25.95 0.48 -12.14	24.78 0.46 -10.67	23.37 0.39 -11.72	25.14 0.56 -8.61	28.97 0.69 -8.05	37.75 0.77 -13.69	40.68 1.40 -2.39	35.31 1.55 0.00	30.14 1.38 0.00	30.35 1.39 0.00	28.86 1.32 0.00	27.89 1.28 -0.39	28.87 1.33 -0.34	28.80 1.29 -1.66	29.71 1.35 -1.92	35.03 1.50 -4.10	39.57 1.87 -2.33	44.13 2.14 0.00	49.19 2.30 0.00	51.64 2.32 0.00	41.01 1.65 0.00	34.95 1.34 0.00	32.35 1.12 0.00
COPENHAGEN_WT_PWR 323753	16.94 -0.16 -0.78	14.09 -0.16 -0.92	14.26 -0.19 -0.81	12.01 -0.13 -0.89	16.43 -0.19 -0.65	20.70 -0.14 -0.61	24.24 -0.09 -1.04	36.77 -0.30 -0.18	33.25 -0.51 0.00	28.07 -0.69 0.00	29.47 -0.70 -1.21	28.18 -0.83 -1.46	26.80 -0.86 -1.44	27.75 -0.92 -1.48	26.47 -0.91 -1.52	27.17 -0.85 -1.57	30.38 -0.91 -1.86	36.49 -0.85 -1.97	41.36 -0.63 0.00	46.71 -0.19 0.00	49.28 -0.05 0.00	39.31 -0.04 0.00	33.61 0.00 0.00	31.26 0.03 0.00
CORNELL_____ 23752	19.58 0.13 -3.12	17.11 0.09 -3.69	17.00 0.12 -3.24	14.92 0.10 -3.56	18.73 0.14 -2.61	22.87 0.20 -2.44	27.73 0.28 -4.15	38.01 0.41 -0.73	34.16 0.41 0.00	28.96 0.20 0.00	29.07 0.12 0.00	27.62 0.08 0.00	26.36 0.03 -0.12	27.25 -0.05 -0.10	26.30 -0.05 -0.50	26.97 -0.05 -0.59	30.74 0.06 -1.25	36.24 0.18 -0.70	42.49 0.50 0.00	47.78 0.89 0.00	50.31 0.99 0.00	40.14 0.79 0.00	34.21 0.60 0.00	31.67 0.44 0.00

CORONA__69_KV_TB1 355595	31.33 1.27 -13.73	30.51 0.97 -16.21	28.79 0.90 -14.25	27.66 0.78 -15.62	28.57 1.12 -11.48	32.58 1.62 -10.73	43.47 1.93 -18.24	43.65 3.58 -3.19	37.23 3.48 0.00	32.21 3.39 -0.06	32.20 3.24 0.00	31.13 3.14 -0.45	30.35 3.02 -1.12	31.20 3.07 -0.93	31.30 2.97 -2.48	32.52 3.04 -3.03	38.27 3.36 -5.48	44.25 4.03 -4.85	46.62 4.62 -0.02	52.02 5.11 -0.02	54.47 5.13 -0.02	43.19 3.82 -0.02	37.00 3.39 0.00	33.91 2.69 0.00
CORTLAND__115KV_TB3 80093	18.88 0.05 -2.51	16.33 0.04 -2.96	16.30 0.05 -2.60	14.16 0.05 -2.86	18.13 0.06 -2.10	22.27 0.08 -1.96	26.77 0.14 -3.34	37.65 0.18 -0.58	33.99 0.24 0.00	28.87 0.12 0.00	29.02 0.06 0.00	27.60 0.06 0.00	26.31 0.00 -0.09	27.23 -0.05 -0.08	26.20 -0.05 -0.41	26.86 -0.05 -0.47	30.44 0.00 -1.00	36.00 0.07 -0.56	42.24 0.25 0.00	47.36 0.47 0.00	49.87 0.54 0.00	39.79 0.43 0.00	33.91 0.30 0.00	31.45 0.22 0.00
COXSACKIE__GT 23611	32.74 0.54 -15.88	32.55 0.47 -18.75	30.60 0.48 -16.48	29.74 0.39 -18.09	29.82 0.56 -13.29	33.44 0.79 -12.43	45.39 0.98 -21.12	41.90 1.33 -3.69	35.31 1.55 0.00	30.02 1.26 0.00	29.97 1.01 0.00	28.40 0.85 0.00	27.23 0.42 -0.59	28.29 0.57 -0.52	28.82 0.44 -2.53	29.88 0.50 -2.94	36.39 0.71 -6.25	40.06 1.20 -3.49	44.63 2.65 0.00	49.52 2.62 0.00	52.09 2.76 0.00	41.28 1.93 0.00	35.22 1.61 0.00	32.73 1.50 0.00
CPV_VALLEY__CC1 323721	28.77 0.67 -11.78	27.79 0.56 -13.91	26.41 0.55 -12.22	25.15 0.46 -13.42	26.49 0.66 -9.87	30.24 0.79 -9.22	39.88 0.91 -15.68	41.28 1.66 -2.74	35.61 1.86 0.00	30.42 1.67 0.00	30.64 1.68 0.00	29.16 1.62 0.00	28.24 1.57 -0.44	29.25 1.66 -0.39	29.33 1.58 -1.90	30.29 1.64 -2.20	35.98 1.86 -4.69	40.31 2.27 -2.68	44.55 2.56 0.00	49.61 2.72 0.00	52.04 2.71 0.00	41.28 1.93 0.00	35.12 1.51 0.00	32.54 1.31 0.00
CPV_VALLEY__CC2 323722	28.77 0.67 -11.78	27.79 0.56 -13.91	26.41 0.55 -12.22	25.15 0.46 -13.42	26.49 0.66 -9.87	30.24 0.79 -9.22	39.88 0.91 -15.68	41.28 1.66 -2.74	35.61 1.86 0.00	30.42 1.67 0.00	30.64 1.68 0.00	29.16 1.62 0.00	28.24 1.57 -0.44	29.25 1.66 -0.39	29.33 1.58 -1.90	30.29 1.64 -2.20	35.98 1.86 -4.69	40.31 2.27 -2.68	44.55 2.56 0.00	49.61 2.72 0.00	52.04 2.71 0.00	41.28 1.93 0.00	35.12 1.51 0.00	32.54 1.31 0.00
CRESCENT__HYD 24018	33.83 0.69 -16.82	33.75 0.56 -19.86	31.67 0.57 -17.46	30.90 0.48 -19.16	30.73 0.69 -14.08	34.28 0.89 -13.16	46.71 1.05 -22.37	42.64 1.84 -3.91	35.54 1.79 0.00	30.28 1.52 0.00	30.46 1.50 0.00	29.00 1.46 0.00	28.24 1.39 -0.63	29.17 1.41 -0.56	29.91 1.34 -2.72	30.94 1.35 -3.15	37.64 1.50 -6.71	41.02 1.91 -3.74	44.29 2.31 0.00	49.42 2.53 0.00	51.94 2.61 0.00	41.28 1.93 0.00	35.12 1.51 0.00	32.67 1.44 0.00
CRICKET__VALLEY_CC1 323756	31.52 0.86 -14.33	30.96 0.72 -16.92	29.24 0.74 -14.87	28.18 0.61 -16.31	28.82 0.86 -11.99	32.48 1.05 -11.21	43.53 1.19 -19.05	42.35 2.14 -3.33	36.15 2.40 0.00	30.88 2.13 0.00	31.13 2.17 0.00	29.69 2.15 0.00	28.85 2.10 -0.54	29.82 2.15 -0.47	30.22 2.07 -2.30	31.20 2.09 -2.67	37.44 2.32 -5.68	41.42 2.90 -3.15	45.30 3.32 0.00	50.41 3.52 0.00	52.88 3.55 0.00	41.91 2.56 0.00	35.62 2.02 0.00	33.07 1.84 0.00
CRICKET__VALLEY_CC2 323757	31.52 0.86 -14.33	30.96 0.72 -16.92	29.24 0.74 -14.87	28.18 0.61 -16.31	28.82 0.86 -11.99	32.48 1.05 -11.21	43.53 1.19 -19.05	42.35 2.14 -3.33	36.15 2.40 0.00	30.88 2.13 0.00	31.13 2.17 0.00	29.69 2.15 0.00	28.85 2.10 -0.54	29.82 2.15 -0.47	30.22 2.07 -2.30	31.20 2.09 -2.67	37.44 2.32 -5.68	41.42 2.90 -3.15	45.30 3.32 0.00	50.41 3.52 0.00	52.88 3.55 0.00	41.91 2.56 0.00	35.62 2.02 0.00	33.07 1.84 0.00
CRICKET__VALLEY_CC3 323758	31.52 0.86 -14.33	30.96 0.72 -16.92	29.24 0.74 -14.87	28.18 0.61 -16.31	28.82 0.86 -11.99	32.48 1.05 -11.21	43.53 1.19 -19.05	42.35 2.14 -3.33	36.15 2.40 0.00	30.88 2.13 0.00	31.13 2.17 0.00	29.69 2.15 0.00	28.85 2.10 -0.54	29.82 2.15 -0.47	30.22 2.07 -2.30	31.20 2.09 -2.67	37.44 2.32 -5.68	41.42 2.90 -3.15	45.30 3.32 0.00	50.41 3.52 0.00	52.88 3.55 0.00	41.91 2.56 0.00	35.62 2.02 0.00	33.07 1.84 0.00
CRUCIBLE__METL_DRP 24180	17.62 -0.13 -1.43	14.89 -0.12 -1.68	15.01 -0.11 -1.48	12.79 -0.09 -1.62	17.04 -0.13 -1.19	21.18 -0.16 -1.12	25.02 -0.16 -1.90	36.92 -0.30 -0.33	33.48 -0.27 0.00	28.53 -0.23 0.00	28.67 -0.29 0.00	27.29 -0.25 0.00	26.01 -0.26 -0.05	26.95 -0.30 -0.05	25.77 -0.31 -0.23	26.39 -0.32 -0.27	29.68 -0.32 -0.57	35.22 -0.46 -0.32	41.48 -0.50 0.00	46.47 -0.42 0.00	48.88 -0.44 0.00	39.00 -0.35 0.00	33.27 -0.34 0.00	30.89 -0.34 0.00
DAHOWA__HYDRO 323763	34.19 0.83 -17.03	34.10 0.67 -20.11	32.01 0.70 -17.68	31.24 0.59 -19.40	31.05 0.83 -14.25	34.64 1.09 -13.33	47.27 1.33 -22.65	43.05 2.21 -3.96	35.78 2.03 0.00	30.37 1.61 0.00	30.52 1.56 0.00	29.08 1.54 0.00	28.27 1.41 -0.64	29.20 1.44 -0.57	29.96 1.37 -2.74	30.97 1.35 -3.18	37.68 1.47 -6.77	41.13 1.98 -3.78	44.55 2.56 0.00	49.90 3.00 0.00	52.58 3.25 0.00	41.79 2.44 0.00	35.42 1.81 0.00	32.95 1.72 0.00
DANC__LFGE 323619	16.99 -0.24 -0.91	14.18 -0.21 -1.07	14.35 -0.23 -0.94	12.11 -0.18 -1.03	16.47 -0.26 -0.76	20.67 -0.26 -0.71	24.24 -0.26 -1.21	36.54 -0.55 -0.21	33.15 -0.61 0.00	28.07 -0.69 0.00	29.07 -0.70 -0.81	27.78 -0.74 -0.98	26.42 -0.79 -0.98	27.36 -0.84 -1.01	26.11 -0.83 -1.09	26.78 -0.79 -1.13	29.95 -0.88 -1.40	35.86 -0.92 -1.41	41.10 -0.88 0.00	46.28 -0.61 0.00	48.78 -0.54 0.00	38.96 -0.39 0.00	33.31 -0.30 0.00	30.95 -0.28 0.00
DANSKAMMER__1 23586	30.91 0.98 -13.61	30.21 0.81 -16.07	28.57 0.80 -14.12	27.42 0.66 -15.50	28.32 0.96 -11.39	32.07 1.19 -10.65	42.79 1.40 -18.10	42.48 2.43 -3.16	36.39 2.63 0.00	31.00 2.24 0.00	31.19 2.23 0.00	29.66 2.12 0.00	28.83 2.10 -0.51	29.83 2.18 -0.45	30.13 2.09 -2.19	31.17 2.19 -2.54	37.31 2.47 -5.41	41.47 3.11 -2.99	45.60 3.61 0.00	50.78 3.89 0.00	53.27 3.95 0.00	42.15 2.79 0.00	35.86 2.25 0.00	33.20 1.97 0.00
DANSKAMMER__2 23589	30.91 0.98 -13.61	30.21 0.81 -16.07	28.57 0.80 -14.12	27.42 0.66 -15.50	28.32 0.96 -11.39	32.07 1.19 -10.65	42.79 1.40 -18.10	42.48 2.43 -3.16	36.39 2.63 0.00	31.00 2.24 0.00	31.19 2.23 0.00	29.66 2.12 0.00	28.83 2.10 -0.51	29.83 2.18 -0.45	30.13 2.09 -2.19	31.17 2.19 -2.54	37.31 2.47 -5.41	41.47 3.11 -2.99	45.60 3.61 0.00	50.78 3.89 0.00	53.27 3.95 0.00	42.15 2.79 0.00	35.86 2.25 0.00	33.20 1.97 0.00
DANSKAMMER__3 23590	30.91 0.98 -13.61	30.21 0.81 -16.07	28.57 0.80 -14.12	27.42 0.66 -15.50	28.32 0.96 -11.39	32.07 1.19 -10.65	42.79 1.40 -18.10	42.48 2.43 -3.16	36.39 2.63 0.00	31.00 2.24 0.00	31.19 2.23 0.00	29.66 2.12 0.00	28.83 2.10 -0.51	29.83 2.18 -0.45	30.13 2.09 -2.19	31.17 2.19 -2.54	37.31 2.47 -5.41	41.47 3.11 -2.99	45.60 3.61 0.00	50.78 3.89 0.00	53.27 3.95 0.00	42.15 2.79 0.00	35.86 2.25 0.00	33.20 1.97 0.00

DANSKAMMER___4 23591	30.91 0.98 -13.61	30.21 0.81 -16.07	28.57 0.80 -14.12	27.42 0.66 -15.50	28.32 0.96 -11.39	32.07 1.19 -10.65	42.79 1.40 -18.10	42.48 2.43 -3.16	36.39 2.63 0.00	31.00 2.24 0.00	31.19 2.23 0.00	29.66 2.12 0.00	28.83 2.10 -0.51	29.83 2.18 -0.45	30.13 2.09 -2.19	31.17 2.19 -2.54	37.31 2.47 -5.41	41.47 3.11 -2.99	45.60 3.61 0.00	50.78 3.89 0.00	53.27 3.95 0.00	42.15 2.79 0.00	35.86 2.25 0.00	33.20 1.97 0.00
DANSKAMMER___DIESEL 23592	30.91 0.98 -13.61	30.21 0.81 -16.07	28.57 0.80 -14.12	27.42 0.66 -15.50	28.32 0.96 -11.39	32.07 1.19 -10.65	42.79 1.40 -18.10	42.48 2.43 -3.16	36.39 2.63 0.00	31.00 2.24 0.00	31.19 2.23 0.00	29.66 2.12 0.00	28.83 2.10 -0.51	29.82 2.18 -0.45	30.16 2.12 -2.19	31.17 2.19 -2.54	37.31 2.47 -5.41	41.47 3.11 -2.99	45.60 3.61 0.00	50.79 3.89 0.00	53.27 3.95 0.00	42.15 2.79 0.00	35.93 2.32 0.00	33.20 1.97 0.00
DARBY___SOLAR 323810	34.14 0.82 -17.00	34.06 0.65 -20.08	31.97 0.68 -17.65	31.20 0.57 -19.36	31.01 0.81 -14.23	34.58 1.05 -13.30	47.19 1.28 -22.61	42.97 2.14 -3.95	35.75 1.99 0.00	30.42 1.67 0.00	30.55 1.59 0.00	29.05 1.51 0.00	28.25 1.39 -0.64	29.15 1.39 -0.57	29.91 1.32 -2.75	30.95 1.32 -3.18	37.69 1.47 -6.78	41.10 1.94 -3.79	44.50 2.52 0.00	49.85 2.96 0.00	52.49 3.16 0.00	41.71 2.36 0.00	35.39 1.78 0.00	32.91 1.69 0.00
DASHVILLE___HYD 23610	30.96 0.64 -14.00	30.38 0.52 -16.53	28.69 0.52 -14.53	27.64 0.43 -15.95	28.30 0.61 -11.72	31.93 0.75 -10.96	42.80 0.89 -18.63	41.80 1.66 -3.25	36.05 2.30 0.00	30.71 1.96 0.00	30.87 1.91 0.00	29.36 1.82 0.00	28.32 1.57 -0.52	29.43 1.77 -0.46	29.67 1.58 -2.24	30.66 1.61 -2.60	36.78 1.80 -5.55	40.73 2.26 -3.09	45.13 3.15 0.00	50.32 3.42 0.00	52.78 3.45 0.00	41.79 2.44 0.00	35.66 2.05 0.00	33.04 1.81 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.13 1.08 -13.73	30.23 0.69 -16.21	28.46 0.57 -14.25	27.44 0.56 -15.62	28.25 0.80 -11.48	32.76 1.80 -10.73	43.56 2.03 -18.24	44.31 4.24 -3.19	36.99 3.24 0.00	31.98 3.16 -0.06	31.47 2.52 0.00	30.34 2.64 -0.16	29.28 2.33 -0.73	30.74 2.91 -0.63	30.97 2.82 -2.30	32.14 2.96 -2.74	38.50 3.59 -5.47	43.70 4.63 -3.70	47.41 5.42 -0.01	52.44 5.53 -0.01	54.71 5.38 -0.01	43.97 4.60 -0.01	37.00 3.39 0.00	33.91 2.69 0.00
DELAWARE___LFGE 323621	22.68 0.51 -5.85	20.64 0.41 -6.90	20.12 0.41 -6.07	18.27 0.35 -6.66	21.36 0.50 -4.90	25.41 0.61 -4.58	31.82 0.75 -7.78	39.50 1.25 -1.36	35.04 1.28 0.00	29.79 1.04 0.00	30.03 1.07 0.00	28.56 1.02 0.00	27.36 0.92 -0.22	28.32 0.92 -0.19	27.67 0.88 -0.95	28.44 0.90 -1.10	32.80 1.03 -2.34	38.01 1.34 -1.30	43.66 1.68 0.00	48.82 1.92 0.00	51.30 1.97 0.00	40.89 1.53 0.00	34.85 1.24 0.00	32.29 1.06 0.00
DERFIELD_115KV_TB7 355931	16.39 0.07 0.00	13.38 0.05 0.00	13.69 0.05 0.00	11.30 0.05 0.00	16.03 0.06 0.00	20.32 0.10 0.00	23.41 0.12 0.00	37.07 0.18 0.00	33.96 0.20 0.00	28.90 0.14 0.00	29.10 0.14 0.00	27.68 0.14 0.00	26.35 0.13 0.00	27.33 0.14 0.00	25.95 0.10 0.00	26.57 0.13 0.00	29.58 0.15 0.00	35.54 0.18 0.00	42.19 0.21 0.00	47.17 0.28 0.00	49.57 0.25 0.00	39.55 0.20 0.00	33.74 0.13 0.00	31.35 0.12 0.00
DOGLEVILLE___HYD 23807	15.96 -0.36 0.00	13.09 -0.24 0.00	13.41 -0.23 0.00	11.12 -0.13 0.00	15.79 -0.18 0.00	20.04 -0.18 0.00	23.13 -0.16 0.00	36.55 -0.33 0.00	33.28 -0.47 0.00	28.10 -0.66 0.00	28.12 -0.84 0.00	26.52 -1.02 0.00	25.14 -1.08 0.00	26.06 -1.14 0.00	24.69 -1.16 0.00	25.25 -1.19 0.00	27.96 -1.47 0.00	33.67 -1.70 0.00	40.10 -1.89 0.00	44.93 -1.97 0.00	47.35 -1.97 0.00	37.94 -1.42 0.00	32.40 -1.21 0.00	30.20 -1.03 0.00
DUNKIRK___115KV_TB_200 55889	17.59 -1.32 -2.59	15.41 -0.97 -3.05	15.30 -1.02 -2.68	13.39 -0.81 -2.95	16.95 -1.18 -2.17	20.63 -1.62 -2.02	24.87 -1.86 -3.44	34.64 -2.84 -0.60	32.27 -1.49 0.00	27.17 -1.58 0.00	27.16 -1.80 0.00	25.92 -1.62 0.00	24.51 -1.81 -0.10	25.27 -2.01 -0.09	24.51 -1.76 -0.42	25.08 -1.85 -0.49	28.62 -1.85 -1.04	33.97 -1.98 -0.58	40.14 -1.85 0.00	45.39 -1.50 0.00	48.04 -1.28 0.00	38.92 -0.43 0.00	33.47 -0.13 0.00	30.67 -0.56 0.00
DUNKIRK___1 23563	17.59 -1.32 -2.59	15.41 -0.97 -3.05	15.30 -1.02 -2.68	13.39 -0.81 -2.95	16.95 -1.18 -2.17	20.63 -1.62 -2.02	24.87 -1.86 -3.44	34.64 -2.84 -0.60	32.27 -1.49 0.00	27.17 -1.58 0.00	27.16 -1.80 0.00	25.92 -1.62 0.00	24.51 -1.81 -0.10	25.27 -2.01 -0.09	24.51 -1.76 -0.42	25.08 -1.85 -0.49	28.62 -1.85 -1.04	33.97 -1.98 -0.58	40.14 -1.85 0.00	45.39 -1.50 0.00	48.04 -1.28 0.00	38.92 -0.43 0.00	33.47 -0.13 0.00	30.67 -0.56 0.00
DUNKIRK___2 23564	17.59 -1.32 -2.59	15.41 -0.97 -3.05	15.30 -1.02 -2.68	13.39 -0.81 -2.95	16.95 -1.18 -2.17	20.63 -1.62 -2.02	24.87 -1.86 -3.44	34.64 -2.84 -0.60	32.27 -1.49 0.00	27.17 -1.58 0.00	27.16 -1.80 0.00	25.92 -1.62 0.00	24.51 -1.81 -0.10	25.27 -2.01 -0.09	24.51 -1.76 -0.42	25.08 -1.85 -0.49	28.62 -1.85 -1.04	33.97 -1.98 -0.58	40.14 -1.85 0.00	45.39 -1.50 0.00	48.04 -1.28 0.00	38.92 -0.43 0.00	33.47 -0.13 0.00	30.67 -0.56 0.00
DUNKIRK___3 23565	17.57 -1.34 -2.58	15.39 -0.99 -3.05	15.28 -1.04 -2.68	13.36 -0.83 -2.94	16.92 -1.21 -2.16	20.56 -1.68 -2.02	24.79 -1.93 -3.43	34.50 -2.99 -0.60	32.10 -1.65 0.00	27.09 -1.67 0.00	27.07 -1.88 0.00	25.83 -1.71 0.00	24.46 -1.86 -0.10	25.19 -2.09 -0.09	24.43 -1.84 -0.42	25.00 -1.93 -0.49	28.50 -1.97 -1.04	33.82 -2.12 -0.58	39.89 -2.10 0.00	45.11 -1.78 0.00	47.70 -1.63 0.00	38.65 -0.71 0.00	33.21 -0.40 0.00	30.42 -0.81 0.00
DUNKIRK___4 23566	17.57 -1.34 -2.58	15.39 -0.99 -3.05	15.28 -1.04 -2.68	13.36 -0.83 -2.94	16.92 -1.21 -2.16	20.56 -1.68 -2.02	24.79 -1.93 -3.43	34.50 -2.99 -0.60	32.10 -1.65 0.00	27.09 -1.67 0.00	27.07 -1.88 0.00	25.83 -1.71 0.00	24.46 -1.86 -0.10	25.19 -2.09 -0.09	24.43 -1.84 -0.42	25.00 -1.93 -0.49	28.50 -1.97 -1.04	33.82 -2.12 -0.58	39.89 -2.10 0.00	45.11 -1.78 0.00	47.70 -1.63 0.00	38.65 -0.71 0.00	33.21 -0.40 0.00	30.42 -0.81 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.18 1.13 -13.73	30.45 0.92 -16.21	28.78 0.90 -14.24	27.62 0.74 -15.62	28.52 1.07 -11.48	32.29 1.33 -10.73	43.09 1.56 -18.24	42.87 2.80 -3.19	36.76 3.00 0.00	31.46 2.70 0.00	31.68 2.72 0.00	30.16 2.62 0.00	29.28 2.54 -0.51	30.32 2.67 -0.46	30.62 2.56 -2.21	31.65 2.64 -2.56	37.87 2.97 -5.46	41.82 3.64 -2.81	46.14 4.16 0.00	51.30 4.41 0.00	53.77 4.44 0.00	42.58 3.23 0.00	36.23 2.62 0.00	33.45 2.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.38 0.88 -13.17	29.61 0.73 -15.55	28.03 0.72 -13.67	26.86 0.60 -15.01	27.84 0.85 -11.03	31.59 1.05 -10.31	42.03 1.21 -17.53	42.12 2.18 -3.06	36.12 2.36 0.00	30.83 2.07 0.00	31.01 2.06 0.00	29.50 1.96 0.00	28.63 1.91 -0.49	29.65 2.01 -0.44	29.91 1.94 -2.12	30.91 2.01 -2.46	36.93 2.27 -5.23	41.12 2.83 -2.92	45.26 3.27 0.00	50.41 3.52 0.00	52.88 3.55 0.00	41.87 2.52 0.00	35.66 2.05 0.00	32.98 1.75 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.35 1.29 -13.74	30.59 1.05 -16.21	28.93 1.04 -14.25	27.74 0.86 -15.63	28.69 1.23 -11.49	32.48 1.52 -10.74	43.26 1.72 -18.24	43.09 3.02 -3.19	37.01 3.24 -0.02	31.62 2.79 -0.08	31.78 2.81 -0.01	30.38 2.70 -0.14	29.51 2.60 -0.70	30.51 2.72 -0.59	30.78 2.64 -2.30	31.84 2.70 -2.70	37.97 3.06 -5.47	42.68 3.75 -3.56	46.41 4.41 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.93 3.58 0.00	36.61 2.99 -0.01	33.74 2.50 -0.01
E179THST_13_KV_LOAD 356214	31.40 1.34 -13.74	30.65 1.11 -16.21	28.98 1.09 -14.25	27.77 0.89 -15.63	28.73 1.28 -11.49	32.54 1.58 -10.74	43.35 1.82 -18.24	43.28 3.21 -3.19	37.15 3.38 -0.02	31.77 2.93 -0.08	31.89 2.92 -0.01	30.49 2.81 -0.14	29.65 2.73 -0.70	30.65 2.86 -0.59	30.89 2.74 -2.30	31.97 2.83 -2.70	38.11 3.21 -5.47	42.86 3.93 -3.56	46.62 4.62 -0.02	51.83 4.92 -0.01	54.36 5.03 0.00	43.13 3.78 0.00	36.74 3.13 -0.01	33.86 2.62 -0.01
EAST HAMPTON___GT 23717	31.00 0.95 -13.73	30.11 0.57 -16.21	28.32 0.44 -14.25	27.32 0.44 -15.62	28.09 0.64 -11.48	32.54 1.58 -10.73	43.35 1.82 -18.24	44.02 3.95 -3.19	36.69 2.94 0.00	31.67 2.85 -0.06	31.01 2.06 0.00	29.93 2.23 -0.16	28.89 1.94 -0.73	30.36 2.53 -0.63	30.56 2.40 -2.30	31.74 2.56 -2.74	38.00 3.09 -5.47	43.13 4.07 -3.70	46.86 4.87 -0.01	51.78 4.88 -0.01	54.12 4.78 -0.01	43.46 4.09 -0.01	35.96 2.35 0.00	33.57 2.34 0.00
EAST RIVER___6 23660	31.29 1.24 -13.73	30.54 1.01 -16.21	28.89 1.01 -14.24	27.71 0.83 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.25 1.72 -18.24	43.06 2.99 -3.19	37.04 3.27 -0.01	33.21 2.93 -1.52	32.04 2.98 -0.09	33.29 2.89 -2.86	33.29 2.81 -4.26	33.36 2.94 -3.23	32.59 2.82 -3.92	34.68 2.91 -5.33	38.20 3.27 -5.50	43.21 4.00 -3.85	46.53 4.54 -0.01	51.78 4.88 -0.01	54.21 4.88 0.00	42.93 3.58 0.00	36.43 2.82 0.00	33.70 2.47 0.00
EAST RIVER___7 23524	31.29 1.24 -13.73	30.54 1.01 -16.21	28.89 1.01 -14.24	27.71 0.83 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.25 1.72 -18.24	43.06 2.99 -3.19	37.04 3.27 -0.01	33.21 2.93 -1.52	32.04 2.98 -0.09	33.29 2.89 -2.86	33.29 2.81 -4.26	33.36 2.94 -3.23	32.59 2.82 -3.92	34.68 2.91 -5.33	38.20 3.27 -5.50	43.21 4.00 -3.85	46.53 4.54 -0.01	51.78 4.88 -0.01	54.21 4.88 0.00	42.93 3.58 0.00	36.43 2.82 0.00	33.70 2.47 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.10 1.08 -13.70	30.38 0.88 -16.17	28.73 0.87 -14.21	27.56 0.72 -15.59	28.45 1.02 -11.45	32.21 1.27 -10.71	42.98 1.49 -18.20	42.72 2.66 -3.18	36.62 2.87 0.00	31.37 2.56 -0.06	31.54 2.58 0.00	30.16 2.51 -0.11	29.29 2.41 -0.66	30.29 2.53 -0.56	30.55 2.43 -2.27	31.62 2.51 -2.67	37.71 2.83 -5.45	42.33 3.50 -3.46	45.97 3.99 0.00	51.11 4.22 0.00	53.57 4.24 0.00	42.42 3.07 0.00	36.13 2.52 0.00	33.35 2.12 0.00
EAST_HAMPTON___DIESEL 23722	30.98 0.93 -13.73	30.08 0.55 -16.21	28.29 0.41 -14.25	27.30 0.42 -15.62	28.06 0.61 -11.48	32.49 1.54 -10.73	43.28 1.75 -18.24	43.94 3.87 -3.19	36.59 2.84 0.00	31.61 2.79 -0.06	30.92 1.97 0.00	29.85 2.15 -0.16	28.84 1.89 -0.73	30.27 2.45 -0.63	30.48 2.33 -2.30	31.69 2.51 -2.74	37.91 3.00 -5.47	43.03 3.96 -3.70	46.74 4.74 -0.01	51.64 4.73 -0.01	53.97 4.64 -0.01	43.38 4.02 -0.01	35.86 2.25 0.00	33.51 2.28 0.00
EAST_POINT___SOLAR 323840	36.73 1.34 -19.07	36.94 1.09 -22.52	34.55 1.12 -19.79	33.93 0.96 -21.72	33.29 1.36 -15.96	36.86 1.72 -14.92	50.71 2.05 -25.36	44.49 3.17 -4.43	35.78 2.03 0.00	29.73 0.98 0.00	29.62 0.67 0.00	27.98 0.44 0.00	27.10 0.16 -0.72	27.92 0.08 -0.64	28.96 0.03 -3.09	30.05 0.03 -3.58	37.18 0.12 -7.62	40.12 0.49 -4.25	45.05 3.06 0.00	51.54 4.64 0.00	54.36 5.03 0.00	43.29 3.93 0.00	36.63 3.03 0.00	33.94 2.72 0.00
EAST_PULASKI___ESR 323781	17.05 -0.29 -1.02	14.30 -0.24 -1.21	14.46 -0.25 -1.06	12.22 -0.20 -1.17	16.54 -0.29 -0.86	20.70 -0.32 -0.80	24.30 -0.35 -1.36	36.46 -0.66 -0.24	33.11 -0.64 0.00	28.15 -0.61 0.00	28.32 -0.64 0.00	26.88 -0.66 0.00	25.60 -0.65 -0.04	26.52 -0.71 -0.03	25.32 -0.70 -0.17	25.95 -0.69 -0.19	29.08 -0.77 -0.41	34.64 -0.95 -0.23	40.98 -1.01 0.00	46.00 -0.89 0.00	48.44 -0.89 0.00	38.65 -0.71 0.00	33.07 -0.54 0.00	30.70 -0.53 0.00
EAST_RIVER___1 323558	31.29 1.24 -13.73	30.54 1.01 -16.21	28.89 1.01 -14.24	27.70 0.82 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.25 1.72 -18.24	43.10 3.03 -3.19	37.04 3.27 -0.01	33.17 2.93 -1.48	32.03 2.98 -0.09	33.19 2.86 -2.79	33.17 2.78 -4.17	33.27 2.91 -3.16	32.52 2.79 -3.88	34.59 2.88 -5.26	38.14 3.21 -5.49	43.17 3.96 -3.84	46.49 4.49 -0.01	51.73 4.83 -0.01	54.16 4.84 0.00	42.90 3.54 0.00	36.40 2.79 0.00	33.67 2.44 0.00
EAST_RIVER___2 323559	31.29 1.24 -13.73	30.54 1.01 -16.21	28.89 1.01 -14.24	27.71 0.83 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.25 1.72 -18.24	43.06 2.99 -3.19	37.04 3.27 -0.01	33.21 2.93 -1.52	32.04 2.98 -0.09	33.29 2.89 -2.86	33.29 2.81 -4.26	33.36 2.94 -3.23	32.59 2.82 -3.92	34.68 2.91 -5.33	38.20 3.27 -5.50	43.21 4.00 -3.85	46.53 4.54 -0.01	51.78 4.88 -0.01	54.21 4.88 0.00	42.93 3.58 0.00	36.43 2.82 0.00	33.70 2.47 0.00
EAST___DELAWARE_HYD 23607	29.64 0.90 -12.42	28.75 0.76 -14.66	27.26 0.74 -12.89	26.02 0.62 -14.15	27.24 0.88 -10.40	31.06 1.11 -9.72	41.12 1.30 -16.52	42.02 2.25 -2.89	36.19 2.43 0.00	30.74 1.98 0.00	30.90 1.94 0.00	29.39 1.85 0.00	28.49 1.81 -0.46	29.51 1.90 -0.41	29.68 1.84 -2.00	30.69 1.93 -2.31	36.51 2.15 -4.93	40.88 2.76 -2.75	45.26 3.28 0.00	50.55 3.66 0.00	53.03 3.70 0.00	41.95 2.60 0.00	35.73 2.12 0.00	33.07 1.84 0.00
EIGHT_POINT___WT_PWR 323820	18.32 -1.01 -3.01	16.09 -0.79 -3.55	15.97 -0.79 -3.12	14.03 -0.65 -3.43	17.55 -0.94 -2.52	21.32 -1.25 -2.35	25.85 -1.44 -4.00	35.19 -2.40 -0.70	31.90 -1.86 0.00	26.83 -1.93 0.00	26.87 -2.09 0.00	25.61 -1.93 0.00	24.29 -2.05 -0.11	25.07 -2.23 -0.10	24.32 -2.02 -0.49	24.89 -2.12 -0.56	28.49 -2.15 -1.20	33.85 -2.19 -0.67	40.26 -1.72 0.00	45.86 -1.03 0.00	48.68 -0.64 0.00	39.16 -0.20 0.00	33.78 0.17 0.00	30.79 -0.44 0.00
ELBRIDGE_115KV_TB2 80188	17.63 -0.21 -1.52	14.95 -0.17 -1.79	15.04 -0.18 -1.58	12.84 -0.15 -1.73	17.03 -0.21 -1.27	21.15 -0.26 -1.19	25.03 -0.28 -2.02	36.72 -0.52 -0.35	33.32 -0.44 0.00	28.38 -0.37 0.00	28.52 -0.43 0.00	27.15 -0.39 0.00	25.88 -0.39 -0.06	26.79 -0.46 -0.05	25.68 -0.41 -0.25	26.28 -0.45 -0.28	29.57 -0.47 -0.61	35.07 -0.64 -0.34	41.27 -0.71 0.00	46.24 -0.66 0.00	48.64 -0.69 0.00	38.80 -0.55 0.00	33.14 -0.47 0.00	30.76 -0.47 0.00
ELEC_TRO_TEK 24086	31.26 1.21 -13.73	30.44 0.91 -16.21	28.73 0.85 -14.25	27.60 0.72 -15.62	28.50 1.05 -11.48	32.51 1.56 -10.73	43.37 1.84 -18.24	43.50 3.43 -3.19	37.06 3.31 0.00	32.10 3.28 -0.06	32.06 3.10 0.00	30.99 3.00 -0.45	30.23 2.91 -1.10	31.08 2.96 -0.92	31.19 2.87 -2.47	32.38 2.91 -3.03	38.15 3.24 -5.48	44.04 3.85 -4.81	46.41 4.41 -0.02	51.79 4.88 -0.02	54.23 4.88 -0.02	42.95 3.58 -0.02	36.80 3.19 0.00	33.76 2.53 0.00

ELLENBURG_WT_PWR 323604	15.74 -0.59 0.00	12.75 -0.57 0.00	13.04 -0.60 0.00	10.73 -0.53 0.00	15.22 -0.75 0.00	19.43 -0.79 0.00	22.34 -0.96 0.00	35.30 -1.58 0.00	32.03 -1.72 0.00	27.15 -1.61 0.00	0.15 -1.62 27.18	-6.98 -1.62 32.90	-7.04 -1.55 31.71	-7.01 -1.47 32.74	-7.04 -1.45 31.44	-7.06 -1.48 32.02	-7.07 -1.71 34.79	-7.00 -1.95 40.42	39.93 -2.06 0.00	44.88 -2.02 0.00	47.60 -1.73 0.00	38.25 -1.10 0.00	32.87 -0.74 0.00	30.67 -0.56 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.25 -1.50 -2.43	15.07 -1.12 -2.87	14.98 -1.17 -2.52	13.07 -0.96 -2.76	16.63 -1.37 -2.03	20.22 -1.90 -1.90	24.33 -2.19 -3.23	33.98 -3.47 -0.56	31.49 -2.26 0.00	26.69 -2.07 0.00	26.73 -2.23 0.00	25.50 -2.04 0.00	24.27 -2.05 -0.09	24.97 -2.31 -0.08	24.20 -2.04 -0.40	24.73 -2.17 -0.46	28.09 -2.33 -0.98	33.26 -2.65 -0.55	39.00 -2.98 0.00	44.08 -2.81 0.00	46.61 -2.71 0.00	37.78 -1.57 0.00	32.47 -1.14 0.00	29.70 -1.53 0.00
EMPIRE_CC_1 323656	33.10 0.70 -16.07	32.87 0.57 -18.97	30.92 0.60 -16.68	30.05 0.49 -18.30	30.12 0.70 -13.45	33.69 0.89 -12.57	45.69 1.02 -21.37	42.46 1.84 -3.73	35.04 1.28 0.00	29.88 1.12 0.00	30.09 1.13 0.00	28.61 1.07 0.00	27.85 1.02 -0.61	28.80 1.06 -0.54	29.48 1.01 -2.63	30.52 1.03 -3.05	37.01 1.09 -6.49	40.37 1.38 -3.62	43.58 1.60 0.00	48.63 1.74 0.00	51.10 1.77 0.00	40.65 1.30 0.00	34.62 1.01 0.00	32.17 0.94 0.00
EMPIRE_CC_2 323658	33.10 0.70 -16.07	32.87 0.57 -18.97	30.92 0.60 -16.68	30.05 0.49 -18.30	30.12 0.70 -13.45	33.69 0.89 -12.57	45.69 1.02 -21.37	42.46 1.84 -3.73	35.04 1.28 0.00	29.88 1.12 0.00	30.09 1.13 0.00	28.61 1.07 0.00	27.85 1.02 -0.61	28.80 1.06 -0.54	29.48 1.01 -2.63	30.52 1.03 -3.05	37.01 1.09 -6.49	40.37 1.38 -3.62	43.58 1.60 0.00	48.63 1.74 0.00	51.10 1.77 0.00	40.65 1.30 0.00	34.62 1.01 0.00	32.17 0.94 0.00
ENORWICH_115KV_TB1 80156	21.23 0.65 -4.25	18.92 0.57 -5.02	18.63 0.57 -4.41	16.64 0.54 -4.85	20.31 0.78 -3.56	24.65 1.09 -3.33	30.37 1.42 -5.66	39.97 2.10 -0.99	35.61 1.86 0.00	29.82 1.06 0.00	30.03 1.07 0.00	28.45 0.91 0.00	27.06 0.68 -0.16	27.94 0.60 -0.14	27.03 0.49 -0.69	27.82 0.58 -0.80	31.96 0.82 -1.70	37.73 1.41 -0.95	44.25 2.27 0.00	50.13 3.24 0.00	52.88 3.55 0.00	42.11 2.75 0.00	35.86 2.25 0.00	33.13 1.90 0.00
ERIE_ST_34_KV_TB1-2 80199	17.25 -1.60 -2.53	15.11 -1.20 -2.98	14.99 -1.27 -2.62	13.10 -1.04 -2.88	16.60 -1.49 -2.12	20.20 -2.00 -1.98	24.32 -2.33 -3.36	33.78 -3.69 -0.59	31.66 -2.09 0.00	26.80 -1.96 0.00	26.81 -2.14 0.00	25.61 -1.93 0.00	24.04 -2.28 -0.10	24.75 -2.53 -0.08	23.99 -2.27 -0.41	24.54 -2.38 -0.48	27.95 -2.50 -1.02	33.14 -2.79 -0.57	39.38 -2.60 0.00	44.50 -2.39 0.00	47.01 -2.32 0.00	38.06 -1.30 0.00	32.70 -0.91 0.00	29.92 -1.31 0.00
ERIE_WT_PWR 323693	17.32 -1.50 -2.50	15.16 -1.12 -2.95	15.04 -1.19 -2.59	13.14 -0.97 -2.85	16.67 -1.39 -2.09	20.28 -1.90 -1.96	24.40 -2.21 -3.32	34.00 -3.47 -0.58	31.56 -2.19 0.00	26.69 -2.07 0.00	26.73 -2.23 0.00	25.53 -2.01 0.00	24.19 -2.12 -0.09	24.91 -2.37 -0.08	24.19 -2.07 -0.41	24.72 -2.19 -0.47	28.08 -2.36 -1.00	33.31 -2.62 -0.56	39.26 -2.73 0.00	44.36 -2.53 0.00	46.91 -2.42 0.00	38.02 -1.34 0.00	33.14 -0.47 0.00	29.89 -1.34 0.00
ESPRGFLD_115KV_TB1 80157	16.80 0.96 0.49	13.54 0.79 0.58	13.92 0.79 0.51	11.38 0.68 0.56	16.52 0.96 0.41	21.05 1.21 0.38	24.13 1.49 0.65	39.13 2.36 0.11	35.78 2.03 0.00	30.14 1.38 0.00	30.29 1.33 0.00	28.72 1.18 0.00	27.17 0.97 0.02	28.11 0.92 0.02	26.62 0.85 0.08	27.25 0.90 0.09	30.30 1.06 0.20	36.81 1.56 0.11	44.71 2.73 0.00	50.41 3.52 0.00	53.08 3.75 0.00	42.31 2.95 0.00	35.93 2.32 0.00	33.26 2.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.54 0.11 -3.10	17.07 0.08 -3.67	16.97 0.11 -3.22	14.89 0.09 -3.54	18.70 0.13 -2.60	22.84 0.18 -2.43	27.68 0.26 -4.13	37.97 0.37 -0.72	34.13 0.37 0.00	28.93 0.17 0.00	29.04 0.09 0.00	27.60 0.06 0.00	26.34 0.00 -0.12	27.22 -0.08 -0.10	26.27 -0.08 -0.50	26.97 -0.05 -0.58	30.70 0.03 -1.24	36.20 0.14 -0.69	42.40 0.42 0.00	47.69 0.80 0.00	50.21 0.89 0.00	40.06 0.71 0.00	34.15 0.54 0.00	31.64 0.41 0.00
ETNA____115KV_TB2 80207	19.54 0.11 -3.10	17.07 0.08 -3.67	16.97 0.11 -3.22	14.89 0.09 -3.54	18.70 0.13 -2.60	22.84 0.18 -2.43	27.68 0.26 -4.13	37.97 0.37 -0.72	34.13 0.37 0.00	28.93 0.17 0.00	29.04 0.09 0.00	27.60 0.06 0.00	26.34 0.00 -0.12	27.22 -0.08 -0.10	26.27 -0.08 -0.50	26.97 -0.05 -0.58	30.70 0.03 -1.24	36.20 0.14 -0.69	42.40 0.42 0.00	47.69 0.80 0.00	50.21 0.89 0.00	40.06 0.71 0.00	34.15 0.54 0.00	31.64 0.41 0.00
EUCLID____115KV_TB2 356179	17.23 -0.26 -1.17	14.50 -0.21 -1.38	14.65 -0.20 -1.22	12.41 -0.18 -1.34	16.71 -0.24 -0.98	20.82 -0.32 -0.92	24.52 -0.33 -1.56	36.57 -0.59 -0.27	33.21 -0.54 0.00	28.30 -0.46 0.00	28.46 -0.49 0.00	27.10 -0.44 0.00	25.85 -0.42 -0.04	26.75 -0.49 -0.04	25.57 -0.47 -0.19	26.19 -0.48 -0.22	29.40 -0.50 -0.47	34.92 -0.71 -0.26	41.14 -0.84 0.00	46.05 -0.84 0.00	48.44 -0.89 0.00	38.65 -0.71 0.00	32.97 -0.64 0.00	30.64 -0.59 0.00
E_CANADA_CAP_HY 24051	37.55 1.26 -19.97	37.93 1.03 -23.57	35.41 1.05 -20.72	34.89 0.89 -22.74	33.94 1.26 -16.71	37.40 1.56 -15.62	51.76 1.91 -26.55	44.51 2.99 -4.64	36.08 2.33 0.00	30.25 1.49 0.00	30.35 1.39 0.00	28.72 1.18 0.00	27.89 0.92 -0.75	28.73 0.87 -0.67	29.88 0.80 -3.23	31.01 0.82 -3.75	38.38 0.97 -7.98	41.37 1.55 -4.45	45.22 3.23 0.00	51.20 4.31 0.00	53.96 4.64 0.00	43.05 3.70 0.00	36.46 2.86 0.00	33.79 2.56 0.00
E_CANADA_MHWK_HY 24050	15.96 -0.36 0.00	13.09 -0.24 0.00	13.41 -0.23 0.00	11.12 -0.13 0.00	15.79 -0.18 0.00	20.04 -0.18 0.00	23.13 -0.16 0.00	36.55 -0.33 0.00	33.28 -0.47 0.00	28.10 -0.66 0.00	28.12 -0.84 0.00	26.52 -1.02 0.00	25.14 -1.08 0.00	26.06 -1.14 0.00	24.69 -1.16 0.00	25.25 -1.19 0.00	27.96 -1.47 0.00	33.67 -1.70 0.00	40.10 -1.89 0.00	44.93 -1.97 0.00	47.35 -1.97 0.00	37.94 -1.42 0.00	32.40 -1.21 0.00	30.20 -1.03 0.00
E_FISHKILL____LBMP 23776	31.19 0.93 -13.93	30.53 0.76 -16.45	28.86 0.76 -14.46	27.75 0.63 -15.86	28.52 0.89 -11.66	32.23 1.11 -10.90	43.10 1.28 -18.52	42.41 2.29 -3.24	36.25 2.50 0.00	30.97 2.21 0.00	31.19 2.23 0.00	29.72 2.18 0.00	28.84 2.10 -0.52	29.86 2.20 -0.46	30.21 2.12 -2.24	31.21 2.17 -2.60	37.42 2.44 -5.55	41.34 3.01 -2.97	45.43 3.44 0.00	50.50 3.61 0.00	52.98 3.65 0.00	41.99 2.64 0.00	35.76 2.15 0.00	33.10 1.87 0.00
FALCON____SEABRD_CC1 323796	15.98 -0.34 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.89 -0.37 0.00	15.44 -0.53 0.00	19.74 -0.49 0.00	22.71 -0.58 0.00	35.92 -0.96 0.00	32.57 -1.18 0.00	27.58 -1.18 0.00	0.19 -1.19 27.58	-7.08 -1.24 33.38	-7.13 -1.18 32.17	-7.08 -1.06 33.22	-7.16 -1.11 31.90	-7.21 -1.16 32.49	-7.16 -1.29 35.30	-7.07 -1.42 41.02	40.64 -1.35 0.00	45.77 -1.13 0.00	48.54 -0.79 0.00	39.00 -0.35 0.00	33.51 -0.10 0.00	31.26 0.03 0.00

FALCON___SEABRD_CC2 323797	15.98 -0.34 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.89 -0.37 0.00	15.44 -0.53 0.00	19.74 -0.49 0.00	22.71 -0.58 0.00	35.92 -0.96 0.00	32.57 -1.18 0.00	27.58 -1.18 0.00	0.19 -1.19 27.58	-7.08 -1.24 33.38	-7.13 -1.18 32.17	-7.08 -1.06 33.22	-7.16 -1.11 31.90	-7.21 -1.16 32.49	-7.16 -1.29 35.30	-7.07 -1.42 41.02	40.64 -1.35 0.00	45.77 -1.13 0.00	48.54 -0.79 0.00	39.00 -0.35 0.00	33.51 -0.10 0.00	31.26 0.03 0.00
FAR ROCKAWAY___4 23548	31.42 1.37 -13.73	30.58 1.04 -16.21	28.85 0.97 -14.25	27.71 0.83 -15.62	28.65 1.20 -11.48	32.70 1.74 -10.73	43.61 2.07 -18.24	43.91 3.84 -3.19	37.47 3.71 0.00	32.41 3.59 -0.06	32.40 3.45 0.00	31.24 3.30 -0.39	30.45 3.20 -1.03	31.32 3.26 -0.86	31.44 3.15 -2.44	32.64 3.23 -2.97	38.48 3.56 -5.48	44.24 4.28 -4.60	46.91 4.91 -0.02	52.40 5.49 -0.02	54.91 5.57 -0.01	43.50 4.13 -0.01	37.27 3.66 0.00	34.13 2.90 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.70 0.82 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.25 1.72 -18.24	43.09 3.02 -3.19	37.08 3.31 -0.01	33.29 2.96 -1.57	32.04 2.98 -0.10	33.36 2.86 -2.96	33.39 2.78 -4.39	33.43 2.91 -3.32	32.62 2.79 -3.98	34.75 2.88 -5.43	38.14 3.21 -5.50	43.19 3.96 -3.86	46.49 4.49 -0.01	51.73 4.83 -0.01	54.16 4.83 0.00	42.90 3.54 0.00	36.50 2.89 0.00	33.70 2.47 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.70 0.82 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.25 1.72 -18.24	43.09 3.02 -3.19	37.08 3.31 -0.01	33.29 2.96 -1.57	32.04 2.98 -0.10	33.36 2.86 -2.96	33.39 2.78 -4.39	33.43 2.91 -3.32	32.62 2.79 -3.98	34.75 2.88 -5.43	38.14 3.21 -5.50	43.19 3.96 -3.86	46.49 4.49 -0.01	51.73 4.83 -0.01	54.21 4.88 0.00	42.90 3.54 0.00	36.53 2.92 0.00	33.70 2.47 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.27 1.22 -13.73	30.55 1.01 -16.21	28.88 1.00 -14.24	27.70 0.82 -15.62	28.61 1.17 -11.48	32.41 1.46 -10.73	43.23 1.70 -18.24	43.09 3.02 -3.19	37.04 3.27 -0.01	33.26 2.93 -1.57	32.01 2.95 -0.10	33.36 2.86 -2.96	33.36 2.75 -4.39	33.40 2.88 -3.32	32.60 2.77 -3.98	34.72 2.86 -5.43	38.14 3.21 -5.50	43.19 3.96 -3.86	46.49 4.49 -0.01	51.68 4.78 -0.01	54.16 4.83 0.00	42.90 3.54 0.00	36.50 2.89 0.00	33.66 2.44 0.00
FARRAGUT___LBMP 323566	31.27 1.22 -13.73	30.53 1.00 -16.21	28.88 1.00 -14.24	27.69 0.81 -15.62	28.61 1.17 -11.48	32.39 1.44 -10.73	43.23 1.70 -18.24	43.06 2.99 -3.19	37.04 3.27 -0.01	33.26 2.93 -1.57	32.01 2.95 -0.10	33.33 2.84 -2.96	33.36 2.75 -4.39	33.37 2.86 -3.32	32.60 2.77 -3.98	34.70 2.83 -5.43	38.11 3.18 -5.50	43.15 3.93 -3.86	46.45 4.45 -0.01	51.64 4.74 -0.01	54.11 4.78 0.00	42.86 3.50 0.00	36.47 2.86 0.00	33.66 2.44 0.00
FENNER___WINDPWR 24204	18.18 0.18 -1.68	15.46 0.15 -1.99	15.53 0.15 -1.75	13.30 0.12 -1.92	17.55 0.18 -1.41	21.80 0.26 -1.32	25.88 0.35 -2.24	37.79 0.52 -0.39	34.23 0.47 0.00	29.04 0.29 0.00	29.25 0.29 0.00	27.79 0.25 0.00	26.47 0.18 -0.06	27.39 0.14 -0.06	26.25 0.13 -0.27	26.92 0.16 -0.32	30.31 0.21 -0.67	36.06 0.32 -0.37	42.53 0.54 0.00	47.74 0.84 0.00	50.26 0.93 0.00	40.02 0.67 0.00	34.18 0.57 0.00	31.70 0.47 0.00
FIBERTEK___ENERGY 23856	17.62 -0.13 -1.43	14.89 -0.12 -1.68	15.01 -0.11 -1.48	12.79 -0.09 -1.62	17.04 -0.13 -1.19	21.18 -0.16 -1.12	25.02 -0.16 -1.90	36.92 -0.30 -0.33	33.48 -0.27 0.00	28.53 -0.23 0.00	28.67 -0.29 0.00	27.29 -0.25 0.00	26.01 -0.26 -0.05	26.95 -0.30 -0.05	25.77 -0.31 -0.23	26.39 -0.32 -0.27	29.68 -0.32 -0.57	35.22 -0.46 -0.32	41.48 -0.50 0.00	46.47 -0.42 0.00	48.88 -0.44 0.00	39.00 -0.35 0.00	33.27 -0.34 0.00	30.89 -0.34 0.00
FITZPATRICK____ 23598	16.67 -0.47 -0.82	13.90 -0.39 -0.96	14.10 -0.38 -0.85	11.87 -0.32 -0.93	16.21 -0.45 -0.68	20.30 -0.57 -0.64	23.73 -0.65 -1.09	35.93 -1.14 -0.19	32.71 -1.05 0.00	27.86 -0.89 0.00	28.03 -0.93 0.00	26.69 -0.85 0.00	25.44 -0.81 -0.03	26.35 -0.87 -0.03	25.15 -0.83 -0.13	25.75 -0.85 -0.15	28.82 -0.94 -0.33	34.28 -1.27 -0.18	40.43 -1.55 0.00	45.25 -1.64 0.00	47.60 -1.73 0.00	37.98 -1.38 0.00	32.50 -1.11 0.00	30.20 -1.03 0.00
FLOWRFLD_69_KV_BK1 356044	31.42 1.37 -13.73	30.51 0.97 -16.21	28.77 0.89 -14.25	27.67 0.79 -15.62	28.60 1.15 -11.48	32.90 1.94 -10.73	43.82 2.28 -18.24	44.50 4.43 -3.19	37.57 3.81 0.00	32.50 3.68 -0.06	32.28 3.33 0.00	30.98 3.28 -0.16	30.02 3.07 -0.73	31.23 3.40 -0.63	31.46 3.31 -2.30	32.62 3.44 -2.74	38.94 4.03 -5.47	44.06 4.99 -3.71	47.83 5.84 -0.01	53.09 6.19 -0.01	55.50 6.17 -0.01	44.20 4.84 -0.01	37.57 3.97 0.00	34.32 3.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.01 1.01 -13.67	30.31 0.84 -16.14	28.66 0.83 -14.19	27.51 0.69 -15.57	28.38 0.97 -11.44	32.15 1.23 -10.70	42.92 1.44 -18.18	42.57 2.51 -3.18	36.45 2.70 0.00	31.06 2.30 0.00	31.22 2.26 0.00	29.69 2.15 0.00	28.88 2.15 -0.51	29.88 2.23 -0.45	30.20 2.15 -2.20	31.21 2.22 -2.55	37.37 2.50 -5.44	41.55 3.18 -3.00	45.68 3.69 0.00	50.88 3.99 0.00	53.37 4.04 0.00	42.23 2.87 0.00	35.96 2.35 0.00	33.26 2.03 0.00
FORT ORANGE____ 23900	33.34 0.47 -16.54	33.25 0.39 -19.53	31.20 0.40 -17.17	30.42 0.33 -18.84	30.28 0.46 -13.84	33.77 0.61 -12.94	45.99 0.70 -22.00	41.61 0.88 -3.84	34.60 0.84 0.00	29.39 0.63 0.00	29.59 0.64 0.00	28.15 0.61 0.00	27.42 0.58 -0.63	28.35 0.60 -0.56	29.11 0.57 -2.69	30.12 0.56 -3.12	36.88 0.80 -6.65	40.14 1.06 -3.71	43.16 1.17 0.00	48.30 1.41 0.00	50.76 1.43 0.00	40.42 1.06 0.00	34.41 0.81 0.00	32.01 0.78 0.00
FORT_DRUM_COGEN 23780	16.89 -0.16 -0.73	14.03 -0.16 -0.86	14.21 -0.19 -0.76	11.96 -0.14 -0.83	16.38 -0.21 -0.61	20.66 -0.14 -0.57	24.20 -0.07 -0.97	36.80 -0.26 -0.17	33.25 -0.51 0.00	28.04 -0.72 0.00	29.60 -0.72 -1.36	28.34 -0.85 -1.65	26.92 -0.92 -1.62	27.91 -0.95 -1.67	26.62 -0.93 -1.70	27.31 -0.87 -1.74	30.53 -0.94 -2.04	36.71 -0.85 -2.19	41.40 -0.59 0.00	46.80 -0.09 0.00	49.33 0.00 0.00	39.35 0.00 0.00	33.61 0.00 0.00	31.32 0.09 0.00
FOX_HILLS___ESR 323835	31.45 1.39 -13.74	30.67 1.13 -16.21	29.02 1.13 -14.25	27.82 0.93 -15.63	28.78 1.33 -11.49	32.62 1.66 -10.74	43.35 1.82 -18.24	43.32 3.25 -3.19	37.35 3.58 -0.02	33.52 2.85 -1.91	31.91 2.84 -0.12	33.90 2.75 -3.60	34.10 2.65 -5.24	33.95 2.80 -3.95	32.91 2.69 -4.37	35.27 2.78 -6.05	38.15 3.21 -5.50	43.23 3.93 -3.93	46.79 4.79 -0.02	51.97 5.06 -0.01	54.46 5.13 -0.01	43.21 3.86 0.00	36.84 3.23 -0.01	34.02 2.78 -0.01
FPL FAR_ROCK_GT1 24212	31.42 1.37 -13.73	30.58 1.04 -16.21	28.85 0.97 -14.25	27.71 0.83 -15.62	28.65 1.20 -11.48	32.70 1.74 -10.73	43.61 2.07 -18.24	43.94 3.87 -3.19	37.47 3.71 0.00	32.41 3.59 -0.06	32.40 3.44 0.00	31.23 3.30 -0.39	30.45 3.20 -1.03	31.32 3.26 -0.86	31.44 3.15 -2.44	32.64 3.22 -2.97	38.47 3.56 -5.48	44.24 4.28 -4.60	47.04 5.04 -0.02	52.39 5.48 -0.02	54.91 5.57 -0.01	43.50 4.13 -0.01	37.07 3.46 0.00	34.13 2.90 0.00

FPL FAR_ROCK_GT2 23815	31.42 1.37 -13.73	30.58 1.04 -16.21	28.85 0.97 -14.25	27.71 0.83 -15.62	28.65 1.20 -11.48	32.70 1.74 -10.73	43.61 2.07 -18.24	43.94 3.87 -3.19	37.47 3.71 0.00	32.41 3.59 -0.06	32.40 3.44 0.00	31.23 3.30 -0.39	30.45 3.20 -1.03	31.32 3.26 -0.86	31.44 3.15 -2.44	32.64 3.22 -2.97	38.47 3.56 -5.48	44.24 4.28 -4.60	47.04 5.04 -0.02	52.39 5.48 -0.02	54.91 5.57 -0.01	43.50 4.13 -0.01	37.07 3.46 0.00	34.13 2.90 0.00
FRANKLIN_FALL_HYD 24054	15.82 -0.51 0.00	12.81 -0.52 0.00	13.11 -0.53 0.00	10.79 -0.47 0.00	15.28 -0.69 0.00	19.56 -0.67 0.00	22.48 -0.82 0.00	35.52 -1.36 0.00	32.17 -1.59 0.00	27.26 -1.50 0.00	45.84 -1.51 -18.39	48.23 -1.57 -22.26	46.18 -1.49 -21.45	48.02 -1.33 -22.15	45.80 -1.32 -21.27	46.76 -1.35 -21.67	51.44 -1.53 -23.54	60.98 -1.73 -27.35	40.26 -1.72 0.00	45.16 -1.74 0.00	47.90 -1.43 0.00	38.49 -0.87 0.00	33.10 -0.50 0.00	30.85 -0.37 0.00
FREEPORT_EQUUS_GT1 23764	31.34 1.29 -13.73	30.50 0.96 -16.21	28.77 0.89 -14.25	27.65 0.77 -15.62	28.57 1.12 -11.48	32.62 1.66 -10.73	43.49 1.96 -18.24	43.79 3.72 -3.19	37.23 3.48 0.00	32.21 3.39 -0.06	32.17 3.21 0.00	30.94 3.11 -0.29	30.10 2.99 -0.90	31.06 3.10 -0.76	31.20 2.97 -2.38	32.37 3.07 -2.87	38.32 3.41 -5.48	43.67 4.10 -4.20	46.82 4.83 -0.01	52.11 5.20 -0.01	54.56 5.23 -0.01	43.26 3.90 -0.01	36.84 3.23 0.00	33.92 2.69 0.00
FREEPORT___CT2 23818	31.34 1.29 -13.73	30.50 0.96 -16.21	28.77 0.89 -14.25	27.65 0.77 -15.62	28.57 1.12 -11.48	32.62 1.66 -10.73	43.49 1.96 -18.24	43.79 3.72 -3.19	37.23 3.48 0.00	32.21 3.39 -0.06	32.17 3.21 0.00	30.94 3.11 -0.29	30.10 2.99 -0.90	31.06 3.10 -0.76	31.20 2.97 -2.38	32.37 3.07 -2.87	38.32 3.41 -5.48	43.67 4.10 -4.20	46.82 4.83 -0.01	52.11 5.20 -0.01	54.56 5.23 -0.01	43.26 3.90 -0.01	36.84 3.23 0.00	33.92 2.69 0.00
FRESHKLS_33_KV_LOAD 356253	31.43 1.37 -13.74	30.67 1.13 -16.21	29.02 1.13 -14.25	27.82 0.93 -15.63	28.78 1.33 -11.49	32.62 1.66 -10.74	43.30 1.77 -18.24	43.24 3.17 -3.19	37.28 3.51 -0.02	33.07 2.73 -1.58	31.79 2.72 -0.11	33.15 2.64 -2.97	33.16 2.54 -4.40	33.22 2.69 -3.33	32.43 2.58 -3.99	34.55 2.67 -5.43	38.06 3.12 -5.50	43.06 3.82 -3.87	46.65 4.66 0.00	51.82 4.92 0.00	54.30 4.98 0.01	43.09 3.74 0.00	36.81 3.19 -0.01	33.99 2.75 -0.01
FULTON COGEN____ 23766	17.11 -0.31 -1.10	14.36 -0.27 -1.30	14.52 -0.26 -1.14	12.30 -0.21 -1.25	16.59 -0.30 -0.92	20.72 -0.36 -0.86	24.34 -0.42 -1.46	36.40 -0.74 -0.26	33.08 -0.68 0.00	28.18 -0.58 0.00	28.32 -0.64 0.00	26.96 -0.58 0.00	25.71 -0.55 -0.04	26.61 -0.63 -0.04	25.43 -0.59 -0.18	26.04 -0.61 -0.21	29.23 -0.65 -0.44	34.69 -0.92 -0.25	40.93 -1.05 0.00	45.86 -1.03 0.00	48.24 -1.09 0.00	38.45 -0.91 0.00	32.84 -0.77 0.00	30.51 -0.72 0.00
FULTON___LFGE 323630	36.39 1.19 -18.87	36.58 0.97 -22.28	34.23 1.01 -19.58	33.60 0.86 -21.49	32.98 1.21 -15.79	36.53 1.54 -14.77	50.28 1.89 -25.10	44.22 2.95 -4.39	36.08 2.33 0.00	30.34 1.58 0.00	30.40 1.45 0.00	28.81 1.27 0.00	27.95 1.02 -0.71	28.80 0.98 -0.63	29.81 0.90 -3.05	30.91 0.93 -3.54	38.10 1.12 -7.54	41.27 1.70 -4.21	45.17 3.19 0.00	51.07 4.17 0.00	53.81 4.49 0.00	42.86 3.50 0.00	36.26 2.65 0.00	33.63 2.40 0.00
G.F.CEMENT___DRP 24184	34.32 0.91 -17.08	34.23 0.73 -20.17	32.13 0.76 -17.73	31.36 0.64 -19.45	31.18 0.91 -14.30	34.78 1.19 -13.37	47.50 1.49 -22.72	43.32 2.47 -3.97	36.08 2.33 0.00	30.77 2.01 0.00	30.90 1.94 0.00	29.30 1.76 0.00	28.46 1.60 -0.64	29.37 1.60 -0.57	30.12 1.50 -2.77	31.16 1.51 -3.21	37.89 1.62 -6.83	41.34 2.16 -3.81	44.84 2.85 0.00	50.22 3.33 0.00	52.93 3.60 0.00	42.03 2.68 0.00	35.63 2.02 0.00	33.10 1.87 0.00
GARDENVILLE___LBMP 24039	17.35 -1.53 -2.57	15.21 -1.15 -3.03	15.10 -1.20 -2.66	13.20 -0.98 -2.92	16.71 -1.41 -2.15	20.31 -1.92 -2.01	24.47 -2.24 -3.41	33.94 -3.54 -0.60	31.36 -2.40 0.00	26.54 -2.21 0.00	26.55 -2.40 0.00	25.36 -2.18 0.00	24.09 -2.23 -0.10	24.81 -2.47 -0.09	24.07 -2.20 -0.42	24.60 -2.33 -0.48	28.02 -2.44 -1.03	33.18 -2.76 -0.57	39.05 -2.94 0.00	44.22 -2.67 0.00	46.81 -2.52 0.00	37.94 -1.42 0.00	32.60 -1.01 0.00	29.82 -1.41 0.00
GARDNVLA_35_KV_LD 355827	17.37 -1.44 -2.49	15.20 -1.07 -2.94	15.09 -1.13 -2.58	13.17 -0.92 -2.83	16.73 -1.33 -2.08	20.37 -1.80 -1.95	24.50 -2.10 -3.31	34.22 -3.25 -0.58	31.73 -2.03 0.00	26.86 -1.90 0.00	26.87 -2.08 0.00	25.67 -1.87 0.00	24.37 -1.94 -0.09	25.08 -2.20 -0.08	24.31 -1.94 -0.40	24.87 -2.04 -0.47	28.28 -2.15 -1.00	33.52 -2.40 -0.56	39.38 -2.60 0.00	44.55 -2.34 0.00	47.16 -2.17 0.00	38.25 -1.10 0.00	32.87 -0.74 0.00	30.01 -1.22 0.00
GELCKHM___115KV_LOAD 80723	17.38 -0.21 -1.26	14.63 -0.19 -1.49	14.77 -0.18 -1.31	12.55 -0.15 -1.44	16.82 -0.21 -1.06	20.95 -0.26 -0.99	24.69 -0.28 -1.68	36.70 -0.48 -0.29	33.32 -0.44 0.00	28.38 -0.37 0.00	28.55 -0.41 0.00	27.15 -0.39 0.00	25.90 -0.37 -0.05	26.80 -0.44 -0.04	25.67 -0.39 -0.20	26.26 -0.42 -0.24	29.50 -0.44 -0.50	35.01 -0.64 -0.28	41.23 -0.76 0.00	46.19 -0.70 0.00	48.59 -0.74 0.00	38.76 -0.59 0.00	33.07 -0.54 0.00	30.73 -0.50 0.00
GENERAL___MILLS 23808	17.32 -1.50 -2.50	15.16 -1.12 -2.95	15.04 -1.19 -2.59	13.14 -0.97 -2.85	16.69 -1.37 -2.09	20.30 -1.88 -1.96	24.43 -2.19 -3.32	34.03 -3.43 -0.58	31.56 -2.19 0.00	26.71 -2.04 0.00	26.73 -2.23 0.00	25.53 -2.01 0.00	24.22 -2.10 -0.09	24.94 -2.34 -0.08	24.19 -2.07 -0.41	24.72 -2.19 -0.47	28.11 -2.33 -1.00	33.31 -2.62 -0.56	39.17 -2.81 0.00	44.31 -2.58 0.00	46.86 -2.47 0.00	38.02 -1.34 0.00	32.67 -0.94 0.00	29.89 -1.34 0.00
GE_PLASTICS___DRP 24183	33.34 0.46 -16.56	33.25 0.37 -19.55	31.20 0.38 -17.18	30.43 0.32 -18.85	30.27 0.45 -13.86	33.74 0.57 -12.95	45.96 0.65 -22.02	41.69 0.96 -3.85	34.63 0.88 0.00	29.53 0.78 0.00	29.74 0.78 0.00	28.28 0.74 0.00	27.55 0.71 -0.62	28.48 0.73 -0.55	29.20 0.67 -2.68	30.24 0.69 -3.11	36.91 0.85 -6.62	40.16 1.10 -3.69	43.29 1.30 0.00	48.21 1.31 0.00	50.66 1.33 0.00	40.34 0.98 0.00	34.42 0.81 0.00	31.98 0.75 0.00
GILBOA___1 23756	29.96 0.47 -13.16	29.25 0.39 -15.54	27.69 0.40 -13.66	26.58 0.33 -14.99	27.45 0.46 -11.02	31.09 0.57 -10.30	41.45 0.65 -17.51	41.12 1.18 -3.06	34.94 1.18 0.00	29.79 1.03 0.00	30.00 1.04 0.00	28.56 1.02 0.00	27.69 0.97 -0.50	28.64 1.01 -0.44	28.94 0.96 -2.13	29.89 0.98 -2.47	35.78 1.09 -5.26	39.68 1.38 -2.94	43.58 1.60 0.00	48.53 1.64 0.00	50.95 1.63 0.00	40.61 1.26 0.00	34.62 1.01 0.00	32.17 0.94 0.00
GILBOA___2 23757	29.96 0.47 -13.16	29.25 0.39 -15.54	27.69 0.40 -13.66	26.58 0.33 -14.99	27.45 0.46 -11.02	31.09 0.57 -10.30	41.45 0.65 -17.51	41.12 1.18 -3.06	34.94 1.18 0.00	29.79 1.03 0.00	30.00 1.04 0.00	28.56 1.02 0.00	27.69 0.97 -0.50	28.64 1.01 -0.44	28.94 0.96 -2.13	29.89 0.98 -2.47	35.78 1.09 -5.26	39.68 1.38 -2.94	43.58 1.60 0.00	48.53 1.64 0.00	50.95 1.63 0.00	40.61 1.26 0.00	34.62 1.01 0.00	32.17 0.94 0.00

GILBOA___3 23758	29.96 0.47 -13.16	29.25 0.39 -15.54	27.69 0.40 -13.66	26.58 0.33 -14.99	27.45 0.46 -11.02	31.09 0.57 -10.30	41.45 0.65 -17.51	41.12 1.18 -3.06	34.94 1.18 0.00	29.79 1.03 0.00	30.00 1.04 0.00	28.56 1.02 0.00	27.69 0.97 -0.50	28.64 1.01 -0.44	28.94 0.96 -2.13	29.89 0.98 -2.47	35.78 1.09 -5.26	39.68 1.38 -2.94	43.58 1.60 0.00	48.53 1.64 0.00	50.95 1.63 0.00	40.61 1.26 0.00	34.62 1.01 0.00	32.17 0.94 0.00
GILBOA___4 23759	29.96 0.47 -13.16	29.25 0.39 -15.54	27.69 0.40 -13.66	26.58 0.33 -14.99	27.45 0.46 -11.02	31.09 0.57 -10.30	41.45 0.65 -17.51	41.12 1.18 -3.06	34.94 1.18 0.00	29.79 1.03 0.00	30.00 1.04 0.00	28.56 1.02 0.00	27.69 0.97 -0.50	28.64 1.01 -0.44	28.94 0.96 -2.13	29.89 0.98 -2.47	35.78 1.09 -5.26	39.68 1.38 -2.94	43.58 1.60 0.00	48.53 1.64 0.00	50.95 1.63 0.00	40.61 1.26 0.00	34.62 1.01 0.00	32.17 0.94 0.00
GILBOA___ 23599	29.96 0.47 -13.16	29.25 0.39 -15.54	27.69 0.40 -13.66	26.57 0.33 -14.99	27.45 0.46 -11.02	31.09 0.57 -10.30	41.45 0.65 -17.51	41.12 1.18 -3.06	34.94 1.18 0.00	29.79 1.04 0.00	30.00 1.04 0.00	28.56 1.02 0.00	27.69 0.97 -0.50	28.64 1.01 -0.44	28.94 0.96 -2.13	29.89 0.98 -2.47	35.78 1.09 -5.26	39.68 1.38 -2.94	43.58 1.60 0.00	48.53 1.64 0.00	50.95 1.63 0.00	40.61 1.26 0.00	34.65 1.04 0.00	32.17 0.94 0.00
GINNA___ 23603	16.75 -1.49 -1.91	14.44 -1.15 -2.26	14.43 -1.20 -1.99	12.45 -0.99 -2.18	16.22 -1.36 -1.60	19.90 -1.82 -1.50	23.81 -2.03 -2.55	34.12 -3.21 -0.45	31.02 -2.73 0.00	26.40 -2.36 0.00	26.52 -2.43 0.00	25.23 -2.31 0.00	24.14 -2.15 -0.07	24.95 -2.31 -0.06	24.04 -2.12 -0.31	24.55 -2.25 -0.36	27.73 -2.47 -0.76	32.93 -2.86 -0.43	38.54 -3.44 0.00	43.47 -3.42 0.00	45.77 -3.55 0.00	36.83 -2.52 0.00	31.79 -1.82 0.00	28.92 -2.31 0.00
GLEN PARK___ 23778	16.97 -0.11 -0.76	14.11 -0.11 -0.89	14.27 -0.15 -0.78	12.02 -0.10 -0.86	16.46 -0.14 -0.63	20.75 -0.06 -0.59	24.32 0.02 -1.01	36.91 -0.15 -0.18	33.35 -0.40 0.00	28.07 -0.69 0.00	29.58 -0.66 -1.29	28.28 -0.83 -1.56	26.86 -0.89 -1.54	27.83 -0.95 -1.58	26.54 -0.93 -1.62	27.26 -0.85 -1.66	30.51 -0.88 -1.95	36.68 -0.78 -2.09	41.52 -0.46 0.00	46.99 0.09 0.00	49.57 0.25 0.00	39.55 0.20 0.00	33.78 0.17 0.00	31.42 0.19 0.00
GLENDALE_27_KV_LOAD 356172	31.41 1.35 -13.74	30.65 1.11 -16.21	29.00 1.10 -14.25	27.79 0.90 -15.63	28.75 1.29 -11.49	32.58 1.62 -10.74	43.40 1.86 -18.24	43.35 3.28 -3.19	37.31 3.54 -0.02	33.75 3.08 -1.91	32.15 3.07 -0.12	34.12 2.97 -3.60	34.31 2.86 -5.24	34.14 2.99 -3.95	33.09 2.87 -4.37	35.46 2.96 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.83 4.83 -0.02	52.01 5.11 -0.01	54.51 5.18 0.00	43.21 3.86 0.00	36.78 3.16 -0.01	33.92 2.69 -0.01
GLENWOOD_IC_1_G5 23712	31.28 1.22 -13.73	30.50 0.96 -16.21	28.80 0.91 -14.25	27.66 0.78 -15.62	28.57 1.12 -11.48	32.49 1.54 -10.73	43.35 1.82 -18.24	43.39 3.32 -3.19	37.10 3.34 0.00	31.95 3.13 -0.06	32.03 3.07 0.00	30.95 2.97 -0.43	30.16 2.86 -1.09	31.07 2.96 -0.90	31.18 2.87 -2.46	32.39 2.94 -3.01	38.18 3.27 -5.48	44.09 3.96 -4.76	46.54 4.53 -0.02	51.69 4.78 -0.02	54.13 4.78 -0.02	43.03 3.66 -0.02	36.73 3.13 0.00	33.76 2.53 0.00
GLENWOOD_IC_2_G1 23688	31.21 1.16 -13.73	30.45 0.92 -16.21	28.77 0.89 -14.25	27.62 0.74 -15.62	28.52 1.07 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.17 3.10 -3.19	36.89 3.14 0.00	31.75 2.93 -0.06	31.82 2.87 0.01	30.14 2.78 0.18	29.20 2.70 -0.28	30.28 2.80 -0.28	30.64 2.69 -2.10	31.61 2.78 -2.39	37.98 3.09 -5.46	41.47 3.75 -2.35	46.27 4.28 0.00	51.49 4.60 0.00	53.96 4.64 0.00	42.78 3.42 0.00	36.36 2.76 0.00	33.60 2.37 0.00
GLENWOOD_IC_3_G1 23689	31.21 1.16 -13.73	30.45 0.92 -16.21	28.77 0.89 -14.25	27.62 0.74 -15.62	28.52 1.07 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.17 3.10 -3.19	36.89 3.14 0.00	31.75 2.93 -0.06	31.82 2.87 0.01	30.14 2.78 0.18	29.20 2.70 -0.28	30.28 2.80 -0.28	30.64 2.69 -2.10	31.61 2.78 -2.39	37.98 3.09 -5.46	41.47 3.75 -2.35	46.27 4.28 0.00	51.49 4.60 0.00	53.96 4.64 0.00	42.78 3.42 0.00	36.36 2.76 0.00	33.60 2.37 0.00
GLENWOOD___4 23550	31.28 1.22 -13.73	30.50 0.96 -16.21	28.80 0.91 -14.25	27.66 0.78 -15.62	28.57 1.12 -11.48	32.49 1.54 -10.73	43.35 1.82 -18.24	43.39 3.32 -3.19	37.10 3.34 0.00	31.95 3.13 -0.06	32.03 3.07 0.00	30.95 2.97 -0.43	30.16 2.86 -1.09	31.07 2.96 -0.90	31.18 2.87 -2.46	32.39 2.94 -3.01	38.18 3.27 -5.48	44.09 3.96 -4.76	46.54 4.53 -0.02	51.74 4.83 -0.02	54.18 4.83 -0.02	43.03 3.66 -0.02	36.73 3.13 0.00	33.76 2.53 0.00
GLENWOOD___5 23614	31.28 1.22 -13.73	30.50 0.96 -16.21	28.80 0.91 -14.25	27.66 0.78 -15.62	28.57 1.12 -11.48	32.49 1.54 -10.73	43.35 1.82 -18.24	43.39 3.32 -3.19	37.10 3.34 0.00	31.95 3.13 -0.06	32.03 3.07 0.00	30.95 2.97 -0.43	30.16 2.86 -1.09	31.07 2.96 -0.90	31.18 2.87 -2.46	32.39 2.94 -3.01	38.18 3.27 -5.48	44.09 3.96 -4.76	46.54 4.53 -0.02	51.74 4.83 -0.02	54.18 4.83 -0.02	43.03 3.66 -0.02	36.73 3.13 0.00	33.76 2.53 0.00
GLOBAL GREEN_PORT_GT1 23814	31.13 1.08 -13.73	30.22 0.68 -16.21	28.43 0.55 -14.25	27.42 0.54 -15.62	28.22 0.77 -11.48	32.70 1.74 -10.73	43.54 2.00 -18.24	44.35 4.28 -3.19	36.96 3.21 0.00	31.93 3.11 -0.06	31.36 2.40 0.00	30.23 2.53 -0.16	29.18 2.23 -0.73	30.65 2.83 -0.63	30.84 2.69 -2.30	32.03 2.86 -2.74	38.35 3.44 -5.47	43.56 4.49 -3.70	47.37 5.38 -0.01	52.29 5.39 -0.01	54.66 5.33 -0.01	43.89 4.52 -0.01	36.36 2.76 0.00	33.85 2.62 0.00
GLOBE___DSASP 323697	16.97 -1.70 -2.34	14.81 -1.28 -2.76	14.72 -1.35 -2.43	12.82 -1.10 -2.67	16.37 -1.57 -1.96	19.81 -2.24 -1.83	23.80 -2.61 -3.12	33.26 -4.17 -0.54	30.55 -3.21 0.00	26.00 -2.76 0.00	26.03 -2.92 0.00	24.84 -2.70 0.00	23.79 -2.52 -0.09	24.50 -2.77 -0.08	23.75 -2.48 -0.38	24.24 -2.64 -0.44	27.51 -2.86 -0.93	32.56 -3.32 -0.52	37.95 -4.03 0.00	42.81 -4.08 0.00	45.23 -4.09 0.00	36.72 -2.64 0.00	31.59 -2.02 0.00	28.89 -2.34 0.00
GOETHSLN___LBMP 323567	31.22 1.18 -13.73	30.49 0.96 -16.21	28.84 0.95 -14.24	27.65 0.78 -15.62	28.57 1.12 -11.48	32.33 1.38 -10.73	43.14 1.61 -18.24	42.95 2.88 -3.19	36.94 3.17 -0.01	33.23 2.90 -1.57	31.98 2.92 -0.10	33.31 2.81 -2.96	33.34 2.73 -4.39	33.37 2.86 -3.32	32.57 2.74 -3.98	34.70 2.83 -5.43	38.08 3.15 -5.50	43.08 3.85 -3.86	46.32 4.32 -0.01	51.50 4.60 -0.01	53.96 4.64 0.00	42.74 3.38 0.00	36.40 2.79 0.00	33.54 2.31 0.00
GOLAH___69_KV_TB 1_2 80279	17.41 -0.91 -2.00	15.01 -0.68 -2.36	14.99 -0.72 -2.07	12.94 -0.60 -2.28	16.84 -0.80 -1.67	20.65 -1.13 -1.56	24.69 -1.26 -2.66	35.36 -1.99 -0.46	32.13 -1.62 0.00	27.32 -1.44 0.00	27.39 -1.56 0.00	26.08 -1.46 0.00	24.96 -1.34 -0.08	25.77 -1.50 -0.07	24.83 -1.34 -0.32	25.39 -1.43 -0.37	28.70 -1.53 -0.80	34.08 -1.73 -0.44	39.93 -2.06 0.00	45.16 -1.74 0.00	47.70 -1.63 0.00	38.53 -0.83 0.00	32.94 -0.67 0.00	30.20 -1.03 0.00

GOODYEAR_LAKE_HYD 323669	21.01 0.67 -4.02	18.63 0.56 -4.75	18.36 0.55 -4.17	16.30 0.46 -4.58	19.99 0.65 -3.37	24.20 0.83 -3.15	29.69 1.05 -5.35	39.51 1.70 -0.93	35.37 1.62 0.00	29.99 1.24 0.00	30.23 1.27 0.00	28.72 1.18 0.00	27.39 1.02 -0.15	28.36 1.03 -0.13	27.46 0.96 -0.65	28.20 1.00 -0.75	32.19 1.15 -1.60	37.78 1.52 -0.90	44.13 2.14 0.00	49.47 2.58 0.00	51.99 2.66 0.00	41.44 2.09 0.00	35.29 1.68 0.00	32.67 1.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.65 -0.10 -4.43	18.48 -0.08 -5.23	18.17 -0.07 -4.60	16.25 -0.06 -5.04	19.60 -0.08 -3.71	23.53 -0.16 -3.47	29.02 -0.16 -5.89	37.65 -0.26 -1.03	33.79 0.03 0.00	28.73 -0.03 0.00	28.87 -0.09 0.00	27.46 -0.08 0.00	26.23 -0.16 -0.17	27.13 -0.22 -0.15	26.36 -0.21 -0.72	27.06 -0.21 -0.83	31.03 -0.18 -1.77	36.21 -0.14 -0.99	42.03 0.04 0.00	47.13 0.23 0.00	49.62 0.30 0.00	39.63 0.28 0.00	33.84 0.24 0.00	31.32 0.09 0.00
GOUDEY___7 23579	20.65 -0.10 -4.43	18.48 -0.08 -5.23	18.17 -0.07 -4.60	16.25 -0.06 -5.04	19.60 -0.08 -3.71	23.53 -0.16 -3.47	29.02 -0.16 -5.89	37.65 -0.26 -1.03	33.79 0.03 0.00	28.73 -0.03 0.00	28.87 -0.09 0.00	27.46 -0.08 0.00	26.23 -0.16 -0.17	27.13 -0.22 -0.15	26.36 -0.21 -0.72	27.06 -0.21 -0.83	31.03 -0.18 -1.77	36.21 -0.14 -0.99	42.03 0.04 0.00	47.13 0.23 0.00	49.62 0.30 0.00	39.63 0.28 0.00	33.84 0.24 0.00	31.32 0.09 0.00
GOUDEY___8 23580	20.65 -0.10 -4.43	18.48 -0.08 -5.23	18.17 -0.07 -4.60	16.25 -0.06 -5.04	19.60 -0.08 -3.71	23.53 -0.16 -3.47	29.02 -0.16 -5.89	37.65 -0.26 -1.03	33.79 0.03 0.00	28.73 -0.03 0.00	28.87 -0.09 0.00	27.46 -0.08 0.00	26.23 -0.16 -0.17	27.13 -0.22 -0.15	26.36 -0.21 -0.72	27.06 -0.21 -0.83	31.03 -0.18 -1.77	36.21 -0.14 -0.99	42.03 0.04 0.00	47.13 0.23 0.00	49.62 0.30 0.00	39.63 0.28 0.00	33.84 0.24 0.00	31.32 0.09 0.00
GOWANUS_GT1_1 24077	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT1_2 24078	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT1_3 24079	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT1_4 24080	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT1_5 24084	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT1_6 24111	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT1_7 24112	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT1_8 24113	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT2_1 24114	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT2_2 24115	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT2_3 24116	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01

GOWANUS_GT2_4 24117	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT2_5 24118	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT2_6 24119	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT2_7 24120	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT2_8 24121	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT3_1 24122	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT3_2 24123	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT3_3 24124	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT3_4 24125	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT3_5 24126	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT3_6 24127	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT3_7 24128	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT3_8 24129	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
GOWANUS_GT4_1 24130	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT4_2 24131	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01

GOWANUS_GT4_3 24132	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT4_4 24133	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT4_5 24134	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT4_6 24135	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT4_7 24136	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GOWANUS_GT4_8 24137	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GREENBSH_115KV_TB3 55895	33.38 0.44 -16.61	33.30 0.36 -19.61	31.24 0.37 -17.24	30.48 0.30 -18.92	30.30 0.43 -13.90	33.79 0.57 -13.00	46.01 0.63 -22.09	41.52 0.77 -3.86	34.46 0.71 0.00	29.39 0.63 0.00	29.59 0.64 0.00	28.15 0.61 0.00	27.45 0.60 -0.63	28.35 0.60 -0.56	29.09 0.54 -2.69	30.12 0.56 -3.12	36.88 0.79 -6.65	40.10 1.03 -3.71	43.12 1.13 0.00	48.07 1.17 0.00	50.51 1.18 0.00	40.22 0.87 0.00	34.31 0.71 0.00	31.88 0.66 0.00
GREENIDGE_115KV_TB5 80291	18.76 -0.42 -2.86	16.37 -0.33 -3.37	16.28 -0.33 -2.96	14.24 -0.27 -3.25	17.99 -0.37 -2.39	21.95 -0.51 -2.24	26.56 -0.54 -3.80	36.66 -0.89 -0.66	33.15 -0.61 0.00	28.04 -0.72 0.00	28.12 -0.84 0.00	26.77 -0.77 0.00	25.49 -0.84 -0.11	26.34 -0.95 -0.10	25.43 -0.88 -0.46	26.05 -0.93 -0.54	29.66 -0.91 -1.14	35.12 -0.88 -0.64	41.35 -0.63 0.00	46.33 -0.56 0.00	48.93 -0.39 0.00	39.47 0.12 0.00	33.68 0.07 0.00	31.04 -0.19 0.00
GREENIDGE___3 23582	18.76 -0.42 -2.86	16.37 -0.33 -3.37	16.28 -0.33 -2.96	14.24 -0.27 -3.25	17.99 -0.37 -2.39	21.95 -0.51 -2.24	26.56 -0.54 -3.80	36.66 -0.89 -0.66	33.15 -0.61 0.00	28.04 -0.72 0.00	28.12 -0.84 0.00	26.77 -0.77 0.00	25.49 -0.84 -0.11	26.34 -0.95 -0.10	25.43 -0.88 -0.46	26.05 -0.93 -0.54	29.66 -0.91 -1.14	35.12 -0.88 -0.64	41.35 -0.63 0.00	46.33 -0.56 0.00	48.93 -0.39 0.00	39.47 0.12 0.00	33.68 0.07 0.00	31.04 -0.19 0.00
GREENIDGE___4 23583	18.76 -0.42 -2.86	16.37 -0.33 -3.37	16.28 -0.33 -2.96	14.24 -0.27 -3.25	18.00 -0.37 -2.39	21.96 -0.50 -2.24	26.56 -0.53 -3.80	36.66 -0.89 -0.66	33.15 -0.61 0.00	28.04 -0.72 0.00	28.12 -0.84 0.00	26.77 -0.77 0.00	25.49 -0.84 -0.11	26.34 -0.95 -0.10	25.43 -0.88 -0.46	26.05 -0.93 -0.54	29.66 -0.91 -1.14	35.12 -0.88 -0.64	41.36 -0.63 0.00	46.42 -0.47 0.00	48.93 -0.40 0.00	39.47 0.12 0.00	33.88 0.27 0.00	31.04 -0.19 0.00
GREENLWN_69_KV_BK 3 55738	31.24 1.19 -13.73	30.42 0.88 -16.21	28.69 0.80 -14.25	27.58 0.70 -15.62	28.47 1.02 -11.48	32.53 1.58 -10.73	43.42 1.89 -18.24	43.69 3.61 -3.19	37.13 3.38 0.00	32.16 3.34 -0.06	32.05 3.10 0.00	30.74 3.03 -0.17	29.87 2.91 -0.74	30.85 3.02 -0.64	31.08 2.92 -2.31	32.20 3.01 -2.74	38.29 3.38 -5.47	42.92 3.82 -3.73	46.36 4.37 -0.01	51.59 4.69 -0.01	53.97 4.64 -0.01	42.87 3.50 -0.01	36.94 3.33 0.00	33.79 2.56 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01
GRISSOM___SOLAR 323813	36.09 1.13 -18.65	36.26 0.92 -22.01	33.93 0.94 -19.35	33.29 0.80 -21.23	32.71 1.13 -15.60	36.27 1.46 -14.59	49.86 1.77 -24.80	44.02 2.80 -4.33	36.02 2.26 0.00	30.34 1.58 0.00	30.43 1.48 0.00	28.84 1.29 0.00	28.00 1.08 -0.70	28.88 1.06 -0.62	29.85 0.98 -3.02	30.95 1.00 -3.50	38.07 1.18 -7.45	41.26 1.73 -4.16	45.05 3.06 0.00	50.78 3.89 0.00	53.52 4.19 0.00	42.62 3.26 0.00	36.10 2.49 0.00	33.48 2.25 0.00
GROVEVILLE___HYD 323602	31.01 1.01 -13.67	30.31 0.84 -16.14	28.66 0.83 -14.19	27.51 0.69 -15.57	28.38 0.97 -11.44	32.15 1.23 -10.70	42.92 1.44 -18.18	42.57 2.51 -3.18	36.45 2.70 0.00	31.06 2.30 0.00	31.22 2.26 0.00	29.69 2.15 0.00	28.88 2.15 -0.51	29.88 2.23 -0.45	30.20 2.15 -2.20	31.21 2.22 -2.55	37.37 2.50 -5.44	41.55 3.18 -3.00	45.68 3.69 0.00	50.88 3.99 0.00	53.37 4.04 0.00	42.23 2.87 0.00	35.96 2.35 0.00	33.26 2.03 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.62 -0.13 -1.43	14.89 -0.12 -1.68	15.01 -0.11 -1.48	12.79 -0.09 -1.62	17.04 -0.13 -1.19	21.18 -0.16 -1.12	25.02 -0.16 -1.90	36.92 -0.30 -0.33	33.48 -0.27 0.00	28.53 -0.23 0.00	28.67 -0.29 0.00	27.29 -0.25 0.00	26.01 -0.26 -0.05	26.95 -0.30 -0.05	25.77 -0.31 -0.23	26.39 -0.32 -0.27	29.68 -0.32 -0.57	35.22 -0.46 -0.32	41.48 -0.50 0.00	46.47 -0.42 0.00	48.88 -0.44 0.00	39.00 -0.35 0.00	33.27 -0.34 0.00	30.89 -0.34 0.00

HAMLTNNY_34_KV_TB 80303	17.67 -0.64 -1.98	15.21 -0.45 -2.34	15.22 -0.48 -2.06	13.12 -0.39 -2.26	17.12 -0.51 -1.66	21.03 -0.75 -1.55	25.14 -0.79 -2.64	36.16 -1.18 -0.46	32.94 -0.81 0.00	28.07 -0.69 0.00	28.20 -0.75 0.00	26.82 -0.72 0.00	25.67 -0.63 -0.07	26.50 -0.76 -0.07	25.52 -0.65 -0.32	26.05 -0.77 -0.37	29.37 -0.85 -0.79	34.89 -0.92 -0.44	40.85 -1.13 0.00	46.14 -0.75 0.00	48.64 -0.69 0.00	39.16 -0.20 0.00	33.47 -0.13 0.00	30.67 -0.56 0.00
HAMPSHIRE___PAPER_HYD 323593	16.25 -0.49 -0.41	13.37 -0.44 -0.49	13.60 -0.46 -0.43	11.34 -0.38 -0.47	15.77 -0.54 -0.34	19.96 -0.59 -0.32	23.16 -0.68 -0.55	35.76 -1.22 -0.10	32.37 -1.39 0.00	27.43 -1.32 0.00	31.10 -1.30 -3.44	30.33 -1.38 -4.17	28.89 -1.36 -4.03	30.03 -1.33 -4.16	28.58 -1.32 -4.05	29.28 -1.30 -4.13	32.54 -1.47 -4.57	39.03 -1.56 -5.21	40.43 -1.55 0.00	45.30 -1.59 0.00	47.85 -1.48 0.00	38.41 -0.94 0.00	33.00 -0.60 0.00	30.86 -0.37 0.00
HARDSCRABBLE_WT_PWR 323673	15.98 -0.34 0.00	13.10 -0.23 0.00	13.43 -0.20 0.00	11.13 -0.12 0.00	15.81 -0.16 0.00	20.08 -0.14 0.00	23.15 -0.14 0.00	36.59 -0.30 0.00	33.35 -0.40 0.00	28.12 -0.63 0.00	28.12 -0.84 0.00	26.49 -1.05 0.00	25.12 -1.10 0.00	26.03 -1.17 0.00	24.66 -1.19 0.00	25.23 -1.22 0.00	27.96 -1.47 0.00	33.67 -1.70 0.00	40.05 -1.93 0.00	44.93 -1.97 0.00	47.30 -2.02 0.00	37.90 -1.46 0.00	32.37 -1.24 0.00	30.20 -1.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.97 0.91 -12.73	29.10 0.75 -15.03	27.59 0.74 -13.21	26.40 0.62 -14.52	27.52 0.88 -10.67	31.29 1.09 -9.98	41.50 1.26 -16.96	42.10 2.25 -2.96	36.22 2.46 0.00	30.91 2.16 0.00	31.10 2.14 0.00	29.58 2.04 0.00	28.72 2.02 -0.48	29.72 2.09 -0.42	29.95 2.04 -2.05	30.94 2.12 -2.38	36.86 2.35 -5.07	41.31 2.97 -2.97	45.39 3.40 0.00	50.50 3.61 0.00	52.98 3.65 0.00	41.95 2.60 0.00	35.73 2.12 0.00	33.01 1.78 0.00
HARSNRAD_115KV_TB1 81005	17.06 -1.58 -2.32	14.89 -1.17 -2.74	14.79 -1.25 -2.41	12.88 -1.02 -2.64	16.46 -1.45 -1.94	20.04 -2.00 -1.82	24.05 -2.33 -3.09	33.73 -3.69 -0.54	30.99 -2.77 0.00	26.31 -2.44 0.00	26.35 -2.61 0.00	25.14 -2.40 0.00	24.03 -2.28 -0.09	24.75 -2.53 -0.08	23.98 -2.25 -0.38	24.50 -2.38 -0.43	27.80 -2.56 -0.93	32.98 -2.90 -0.52	38.58 -3.40 0.00	43.61 -3.28 0.00	46.07 -3.26 0.00	37.39 -1.97 0.00	32.13 -1.48 0.00	29.36 -1.87 0.00
HARZA MOOSE___RIVER 24016	16.85 0.02 -0.51	13.92 0.00 -0.60	14.14 -0.03 -0.52	11.83 0.00 -0.58	16.39 0.00 -0.42	20.68 0.06 -0.40	24.10 0.14 -0.67	37.15 0.15 -0.12	33.79 0.03 0.00	28.58 -0.17 0.00	29.82 -0.12 -0.97	28.50 -0.22 -1.18	27.09 -0.29 -1.16	28.09 -0.30 -1.19	26.75 -0.31 -1.21	27.42 -0.26 -1.24	30.62 -0.26 -1.45	36.79 -0.14 -1.56	42.07 0.08 0.00	47.27 0.38 0.00	49.77 0.44 0.00	39.67 0.31 0.00	33.88 0.27 0.00	31.64 0.41 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.40 -0.20 -1.27	14.66 -0.17 -1.50	14.80 -0.16 -1.32	12.57 -0.14 -1.45	16.85 -0.19 -1.07	20.98 -0.24 -1.00	24.73 -0.26 -1.69	36.74 -0.44 -0.30	33.38 -0.37 0.00	28.44 -0.32 0.00	28.61 -0.35 0.00	27.21 -0.33 0.00	25.95 -0.31 -0.05	26.86 -0.38 -0.04	25.69 -0.36 -0.21	26.31 -0.37 -0.24	29.56 -0.38 -0.51	35.08 -0.57 -0.28	41.31 -0.67 0.00	46.28 -0.61 0.00	48.69 -0.64 0.00	38.80 -0.55 0.00	33.14 -0.47 0.00	30.76 -0.47 0.00
HELLGATE_13_KV_LD 55870	31.41 1.35 -13.74	30.65 1.11 -16.21	29.00 1.10 -14.25	27.79 0.90 -15.63	28.75 1.29 -11.49	32.56 1.60 -10.74	43.37 1.84 -18.24	43.32 3.25 -3.19	37.28 3.51 -0.02	33.72 3.05 -1.91	32.12 3.04 -0.12	34.06 2.92 -3.60	34.29 2.83 -5.24	34.11 2.96 -3.95	33.06 2.84 -4.37	35.43 2.94 -6.05	38.24 3.30 -5.50	43.33 4.03 -3.93	46.75 4.74 -0.02	51.92 5.02 -0.01	54.41 5.08 0.00	43.13 3.78 0.00	36.74 3.13 -0.01	33.89 2.65 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.41 1.35 -13.74	30.65 1.11 -16.21	29.00 1.10 -14.25	27.79 0.90 -15.63	28.75 1.29 -11.49	32.56 1.60 -10.74	43.37 1.84 -18.24	43.32 3.25 -3.19	37.28 3.51 -0.02	33.72 3.05 -1.91	32.12 3.04 -0.12	34.06 2.92 -3.60	34.29 2.83 -5.24	34.11 2.96 -3.95	33.06 2.84 -4.37	35.43 2.94 -6.05	38.24 3.30 -5.50	43.33 4.03 -3.93	46.75 4.74 -0.02	51.92 5.02 -0.01	54.41 5.08 0.00	43.13 3.78 0.00	36.74 3.13 -0.01	33.89 2.65 -0.01
HEMPSTEAD____ 23647	31.24 1.19 -13.73	30.43 0.89 -16.21	28.72 0.83 -14.25	27.60 0.72 -15.62	28.49 1.04 -11.48	32.47 1.52 -10.73	43.33 1.79 -18.24	43.46 3.39 -3.19	37.03 3.27 0.00	31.98 3.16 -0.06	31.97 3.01 0.00	30.80 2.92 -0.34	30.02 2.83 -0.97	30.92 2.91 -0.81	31.08 2.82 -2.41	32.25 2.88 -2.92	38.12 3.21 -5.48	43.64 3.86 -4.41	46.45 4.45 -0.01	51.69 4.79 -0.01	54.12 4.78 -0.01	42.95 3.58 -0.01	36.53 2.92 0.00	33.70 2.47 0.00
HEWLETT_69_KV_BK3 55828	31.37 1.32 -13.73	30.54 1.00 -16.21	28.81 0.93 -14.25	27.68 0.80 -15.62	28.60 1.15 -11.48	32.64 1.68 -10.73	43.51 1.98 -18.24	43.76 3.69 -3.19	37.33 3.58 0.00	32.30 3.48 -0.06	32.29 3.33 0.00	31.15 3.22 -0.39	30.35 3.09 -1.03	31.21 3.15 -0.86	31.34 3.05 -2.44	32.53 3.12 -2.97	38.36 3.44 -5.48	44.10 4.14 -4.60	46.74 4.74 -0.02	52.16 5.25 -0.02	54.67 5.33 -0.01	43.30 3.94 -0.01	37.10 3.50 0.00	34.01 2.78 0.00
HICKLING___1 23621	19.43 -0.47 -3.58	17.17 -0.37 -4.22	16.98 -0.37 -3.71	15.03 -0.30 -4.07	18.53 -0.43 -2.99	22.40 -0.63 -2.80	27.33 -0.72 -4.76	36.53 -1.18 -0.83	33.11 -0.64 0.00	28.04 -0.72 0.00	28.09 -0.87 0.00	26.77 -0.77 0.00	25.44 -0.92 -0.13	26.26 -1.06 -0.12	25.47 -0.96 -0.58	26.11 -1.00 -0.67	29.86 -1.00 -1.43	35.14 -1.03 -0.80	41.27 -0.71 0.00	46.57 -0.33 0.00	49.18 -0.15 0.00	39.43 0.08 0.00	33.71 0.10 0.00	31.10 -0.12 0.00
HICKLING___2 23622	19.43 -0.47 -3.58	17.17 -0.37 -4.22	16.98 -0.37 -3.71	15.03 -0.30 -4.07	18.53 -0.43 -2.99	22.40 -0.63 -2.80	27.33 -0.72 -4.76	36.53 -1.18 -0.83	33.11 -0.64 0.00	28.04 -0.72 0.00	28.09 -0.87 0.00	26.77 -0.77 0.00	25.44 -0.92 -0.13	26.26 -1.06 -0.12	25.47 -0.96 -0.58	26.11 -1.00 -0.67	29.86 -1.00 -1.43	35.14 -1.03 -0.80	41.27 -0.71 0.00	46.57 -0.33 0.00	49.18 -0.15 0.00	39.43 0.08 0.00	33.71 0.10 0.00	31.10 -0.12 0.00
HIGH FALLS___HY 23754	30.93 1.00 -13.61	30.22 0.83 -16.06	28.56 0.80 -14.12	27.42 0.66 -15.50	28.32 0.96 -11.39	32.07 1.19 -10.65	42.81 1.42 -18.10	42.55 2.51 -3.16	36.39 2.63 0.00	30.91 2.16 0.00	31.07 2.11 0.00	29.58 2.04 0.00	28.75 2.02 -0.51	29.77 2.12 -0.45	30.10 2.07 -2.18	31.14 2.17 -2.53	37.24 2.41 -5.39	41.45 3.08 -3.01	45.51 3.53 0.00	50.83 3.94 0.00	53.27 3.95 0.00	42.11 2.75 0.00	35.93 2.32 0.00	33.13 1.90 0.00
HIGH_RIVER___SOLAR 323847	35.29 0.90 -18.07	35.39 0.73 -21.33	33.15 0.76 -18.75	32.47 0.64 -20.57	32.00 0.91 -15.12	35.51 1.15 -14.14	48.71 1.40 -24.03	43.26 2.18 -4.20	35.41 1.65 0.00	29.91 1.15 0.00	29.94 0.99 0.00	28.37 0.83 0.00	27.56 0.66 -0.68	28.34 0.54 -0.60	29.26 0.49 -2.92	30.36 0.53 -3.39	37.36 0.71 -7.22	40.60 1.20 -4.03	44.38 2.39 0.00	49.99 3.09 0.00	52.63 3.31 0.00	41.91 2.56 0.00	35.56 1.95 0.00	33.01 1.78 0.00

HILLBURN___GT 23639	30.17 0.95 -12.90	29.34 0.79 -15.23	27.80 0.78 -13.39	26.61 0.64 -14.71	27.71 0.93 -10.81	31.46 1.13 -10.11	41.78 1.30 -17.18	42.25 2.36 -3.00	36.39 2.63 0.00	31.08 2.33 0.00	31.27 2.32 0.00	29.77 2.23 0.00	28.88 2.18 -0.48	29.91 2.28 -0.43	30.13 2.20 -2.08	31.13 2.27 -2.41	37.11 2.53 -5.14	41.55 3.15 -3.03	45.51 3.53 0.00	50.65 3.75 0.00	53.07 3.75 0.00	42.07 2.71 0.00	35.73 2.12 0.00	33.07 1.84 0.00
HILLSIDE_115KV_TB1 80332	19.46 -0.55 -3.69	17.26 -0.43 -4.36	17.03 -0.44 -3.83	15.12 -0.35 -4.21	18.55 -0.51 -3.09	22.37 -0.75 -2.89	27.34 -0.86 -4.91	36.34 -1.40 -0.86	32.98 -0.78 0.00	27.95 -0.81 0.00	28.03 -0.93 0.00	26.71 -0.83 0.00	25.39 -0.97 -0.14	26.23 -1.09 -0.12	25.46 -0.98 -0.60	26.10 -1.03 -0.69	29.82 -1.09 -1.48	35.06 -1.13 -0.82	41.02 -0.97 0.00	46.14 -0.75 0.00	48.64 -0.69 0.00	39.00 -0.35 0.00	33.34 -0.27 0.00	30.82 -0.41 0.00
HISHELDN_WT_PWR 323625	17.51 -1.52 -2.70	15.37 -1.15 -3.19	15.24 -1.20 -2.80	13.36 -0.98 -3.08	16.84 -1.39 -2.26	20.44 -1.90 -2.11	24.65 -2.24 -3.59	33.93 -3.58 -0.63	31.09 -2.67 0.00	26.28 -2.47 0.00	26.29 -2.66 0.00	25.12 -2.42 0.00	23.86 -2.47 -0.10	24.59 -2.69 -0.09	23.88 -2.40 -0.44	24.46 -2.49 -0.51	27.89 -2.62 -1.08	33.07 -2.90 -0.60	39.09 -2.90 0.00	44.31 -2.58 0.00	47.01 -2.32 0.00	38.02 -1.34 0.00	33.07 -0.54 0.00	29.95 -1.28 0.00
HOLTSVILLE_IC_1 23690	31.28 1.22 -13.73	30.40 0.87 -16.21	28.66 0.78 -14.25	27.58 0.70 -15.62	28.47 1.02 -11.48	32.72 1.76 -10.73	43.61 2.07 -18.24	44.20 4.13 -3.19	37.26 3.51 0.00	32.24 3.42 -0.06	32.02 3.07 0.00	30.76 3.06 -0.16	29.81 2.86 -0.73	30.98 3.15 -0.63	31.18 3.02 -2.30	32.35 3.17 -2.74	38.56 3.65 -5.47	43.59 4.53 -3.70	47.37 5.38 -0.01	52.48 5.58 -0.01	54.81 5.47 -0.01	43.73 4.37 -0.01	36.84 3.23 0.00	33.98 2.75 0.00
HOLTSVILLE_IC_10 23699	31.34 1.29 -13.73	30.44 0.91 -16.21	28.70 0.82 -14.25	27.61 0.73 -15.62	28.52 1.07 -11.48	32.82 1.86 -10.73	43.72 2.19 -18.24	44.42 4.35 -3.19	37.43 3.68 0.00	32.36 3.54 -0.06	32.14 3.19 0.00	30.87 3.17 -0.16	29.89 2.94 -0.73	31.12 3.29 -0.63	31.31 3.15 -2.30	32.49 3.30 -2.74	38.76 3.85 -5.47	43.88 4.81 -3.71	47.75 5.75 -0.01	52.86 5.96 -0.01	55.20 5.87 -0.01	44.04 4.68 -0.01	37.04 3.43 0.00	34.16 2.93 0.00
HOLTSVILLE_IC_2 23691	31.28 1.22 -13.73	30.40 0.87 -16.21	28.66 0.78 -14.25	27.58 0.70 -15.62	28.47 1.02 -11.48	32.72 1.76 -10.73	43.61 2.07 -18.24	44.20 4.13 -3.19	37.26 3.51 0.00	32.24 3.42 -0.06	32.02 3.07 0.00	30.76 3.06 -0.16	29.81 2.86 -0.73	30.98 3.15 -0.63	31.18 3.02 -2.30	32.35 3.17 -2.74	38.56 3.65 -5.47	43.59 4.53 -3.70	47.37 5.38 -0.01	52.48 5.58 -0.01	54.81 5.47 -0.01	43.73 4.37 -0.01	36.84 3.23 0.00	33.98 2.75 0.00
HOLTSVILLE_IC_3 23692	31.28 1.22 -13.73	30.40 0.87 -16.21	28.66 0.78 -14.25	27.58 0.70 -15.62	28.47 1.02 -11.48	32.72 1.76 -10.73	43.61 2.07 -18.24	44.20 4.13 -3.19	37.26 3.51 0.00	32.24 3.42 -0.06	32.02 3.07 0.00	30.76 3.06 -0.16	29.81 2.86 -0.73	30.98 3.15 -0.63	31.18 3.02 -2.30	32.35 3.17 -2.74	38.56 3.65 -5.47	43.59 4.53 -3.70	47.37 5.38 -0.01	52.48 5.58 -0.01	54.81 5.47 -0.01	43.73 4.37 -0.01	36.84 3.23 0.00	33.98 2.75 0.00
HOLTSVILLE_IC_4 23693	31.28 1.22 -13.73	30.40 0.87 -16.21	28.66 0.78 -14.25	27.58 0.70 -15.62	28.47 1.02 -11.48	32.72 1.76 -10.73	43.61 2.07 -18.24	44.20 4.13 -3.19	37.26 3.51 0.00	32.24 3.42 -0.06	32.02 3.07 0.00	30.76 3.06 -0.16	29.81 2.86 -0.73	30.98 3.15 -0.63	31.18 3.02 -2.30	32.35 3.17 -2.74	38.56 3.65 -5.47	43.59 4.53 -3.70	47.37 5.38 -0.01	52.48 5.58 -0.01	54.81 5.47 -0.01	43.73 4.37 -0.01	36.84 3.23 0.00	33.98 2.75 0.00
HOLTSVILLE_IC_5 23694	31.28 1.22 -13.73	30.40 0.87 -16.21	28.66 0.78 -14.25	27.58 0.70 -15.62	28.47 1.02 -11.48	32.72 1.76 -10.73	43.61 2.07 -18.24	44.20 4.13 -3.19	37.26 3.51 0.00	32.24 3.42 -0.06	32.02 3.07 0.00	30.76 3.06 -0.16	29.81 2.86 -0.73	30.98 3.15 -0.63	31.18 3.02 -2.30	32.35 3.17 -2.74	38.56 3.65 -5.47	43.59 4.53 -3.70	47.37 5.38 -0.01	52.48 5.58 -0.01	54.81 5.47 -0.01	43.73 4.37 -0.01	36.84 3.23 0.00	33.98 2.75 0.00
HOLTSVILLE_IC_6 23695	31.34 1.29 -13.73	30.44 0.91 -16.21	28.70 0.82 -14.25	27.61 0.73 -15.62	28.52 1.07 -11.48	32.82 1.86 -10.73	43.72 2.19 -18.24	44.42 4.35 -3.19	37.43 3.68 0.00	32.36 3.54 -0.06	32.14 3.19 0.00	30.87 3.17 -0.16	29.89 2.94 -0.73	31.12 3.29 -0.63	31.31 3.15 -2.30	32.49 3.30 -2.74	38.76 3.85 -5.47	43.88 4.81 -3.71	47.75 5.75 -0.01	52.86 5.96 -0.01	55.20 5.87 -0.01	44.04 4.68 -0.01	37.04 3.43 0.00	34.16 2.93 0.00
HOLTSVILLE_IC_7 23696	31.34 1.29 -13.73	30.44 0.91 -16.21	28.70 0.82 -14.25	27.61 0.73 -15.62	28.52 1.07 -11.48	32.82 1.86 -10.73	43.72 2.19 -18.24	44.42 4.35 -3.19	37.43 3.68 0.00	32.36 3.54 -0.06	32.14 3.19 0.00	30.87 3.17 -0.16	29.89 2.94 -0.73	31.12 3.29 -0.63	31.31 3.15 -2.30	32.49 3.30 -2.74	38.76 3.85 -5.47	43.88 4.81 -3.71	47.75 5.75 -0.01	52.86 5.96 -0.01	55.20 5.87 -0.01	44.04 4.68 -0.01	37.04 3.43 0.00	34.16 2.93 0.00
HOLTSVILLE_IC_8 23697	31.34 1.29 -13.73	30.44 0.91 -16.21	28.70 0.82 -14.25	27.61 0.73 -15.62	28.52 1.07 -11.48	32.82 1.86 -10.73	43.72 2.19 -18.24	44.42 4.35 -3.19	37.43 3.68 0.00	32.36 3.54 -0.06	32.14 3.19 0.00	30.87 3.17 -0.16	29.89 2.94 -0.73	31.12 3.29 -0.63	31.31 3.15 -2.30	32.49 3.30 -2.74	38.76 3.85 -5.47	43.88 4.81 -3.71	47.75 5.75 -0.01	52.86 5.96 -0.01	55.20 5.87 -0.01	44.04 4.68 -0.01	37.04 3.43 0.00	34.16 2.93 0.00
HOLTSVILLE_IC_9 23698	31.34 1.29 -13.73	30.44 0.91 -16.21	28.70 0.82 -14.25	27.61 0.73 -15.62	28.52 1.07 -11.48	32.82 1.86 -10.73	43.72 2.19 -18.24	44.42 4.35 -3.19	37.43 3.68 0.00	32.36 3.54 -0.06	32.14 3.19 0.00	30.87 3.17 -0.16	29.89 2.94 -0.73	31.12 3.29 -0.63	31.31 3.15 -2.30	32.49 3.30 -2.74	38.76 3.85 -5.47	43.88 4.81 -3.71	47.75 5.75 -0.01	52.86 5.96 -0.01	55.20 5.87 -0.01	44.04 4.68 -0.01	37.04 3.43 0.00	34.16 2.93 0.00
HOMER_HL_115KV_TB2 355744	17.57 -1.53 -2.79	15.46 -1.16 -3.29	15.31 -1.21 -2.89	13.45 -0.98 -3.17	16.88 -1.42 -2.33	20.44 -1.96 -2.18	24.69 -2.31 -3.70	33.84 -3.69 -0.65	31.93 -1.82 0.00	26.97 -1.78 0.00	26.99 -1.97 0.00	25.75 -1.79 0.00	23.94 -2.39 -0.11	24.68 -2.61 -0.09	23.92 -2.38 -0.45	24.48 -2.49 -0.52	27.93 -2.62 -1.12	33.09 -2.90 -0.62	39.63 -2.35 0.00	44.69 -2.20 0.00	47.25 -2.07 0.00	38.17 -1.18 0.00	32.77 -0.84 0.00	30.17 -1.06 0.00
HOWARD_WT_PWR 323690	18.32 -1.05 -3.04	16.10 -0.81 -3.59	15.98 -0.82 -3.16	14.06 -0.66 -3.47	17.56 -0.96 -2.55	21.33 -1.27 -2.38	25.87 -1.47 -4.05	35.15 -2.44 -0.71	31.86 -1.89 0.00	26.83 -1.93 0.00	26.84 -2.11 0.00	25.59 -1.95 0.00	24.24 -2.10 -0.11	25.04 -2.26 -0.10	24.27 -2.07 -0.49	24.85 -2.17 -0.57	28.44 -2.21 -1.22	33.82 -2.23 -0.68	40.22 -1.76 0.00	45.82 -1.08 0.00	48.64 -0.69 0.00	39.12 -0.23 0.00	33.78 0.17 0.00	30.79 -0.44 0.00

HQ_GEN_CEDARS 23644	16.16 -0.16 0.00	13.15 -0.17 0.00	13.47 -0.16 0.00	11.10 -0.16 0.00	15.73 -0.24 0.00	20.00 -0.22 0.00	22.97 -0.33 0.00	36.26 -0.63 0.00	32.94 -0.81 0.00	28.04 -0.72 0.00	29.19 -0.69 -0.92	27.91 -0.74 -1.12	26.59 -0.71 -1.08	27.74 -0.57 -1.11	26.32 -0.59 -1.07	26.92 -0.61 -1.09	29.88 -0.74 -1.18	35.93 -0.81 -1.37	41.19 -0.80 0.00	45.67 -1.22 0.00	48.24 -1.09 0.00	39.00 -0.35 0.00	33.51 -0.10 0.00	31.23 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	16.16 -0.16 0.00	13.15 -0.17 0.00	13.48 -0.16 0.00	11.10 -0.16 0.00	15.73 -0.24 0.00	20.00 -0.22 0.00	22.97 -0.33 0.00	36.26 -0.63 0.00	32.94 -0.81 0.00	28.04 -0.72 0.00	29.19 -0.70 -0.92	27.92 -0.74 -1.12	26.59 -0.71 -1.08	27.74 -0.57 -1.11	26.32 -0.59 -1.07	26.92 -0.61 -1.09	29.88 -0.73 -1.18	35.93 -0.81 -1.37	41.19 -0.80 0.00	45.67 -1.22 0.00	48.24 -1.09 0.00	39.00 -0.35 0.00	33.51 -0.10 0.00	31.23 0.00 0.00
HQ_GEN_IMPORT 323601	16.16 -0.16 0.00	13.18 -0.15 0.00	13.50 -0.14 0.00	11.13 -0.12 0.00	15.79 -0.18 0.00	20.02 -0.20 0.00	23.04 -0.26 0.00	36.44 -0.44 0.00	33.25 -0.51 0.00	28.30 -0.46 0.00	28.52 -0.43 0.00	27.10 -0.44 0.00	25.80 -0.42 0.00	26.82 -0.38 0.00	25.46 -0.39 0.00	26.05 -0.40 0.00	28.99 -0.44 0.00	34.84 -0.53 0.00	41.40 -0.59 0.00	46.24 -0.66 0.00	48.68 -0.64 0.00	38.96 -0.39 0.00	33.34 -0.27 0.00	31.04 -0.19 0.00
HQ_GEN_WHEEL 23651	16.16 -0.16 0.00	13.18 -0.15 0.00	13.50 -0.14 0.00	11.13 -0.12 0.00	15.79 -0.18 0.00	20.02 -0.20 0.00	23.04 -0.26 0.00	36.44 -0.44 0.00	33.25 -0.51 0.00	28.30 -0.46 0.00	28.52 -0.43 0.00	27.10 -0.44 0.00	25.80 -0.42 0.00	26.82 -0.38 0.00	25.46 -0.39 0.00	26.05 -0.40 0.00	28.99 -0.44 0.00	34.84 -0.53 0.00	41.40 -0.59 0.00	46.24 -0.66 0.00	48.68 -0.64 0.00	38.96 -0.39 0.00	33.34 -0.27 0.00	31.04 -0.19 0.00
HUDSON AVE_GT_3 23810	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.71 0.83 -15.62	28.63 1.18 -11.48	32.43 1.48 -10.73	43.25 1.72 -18.24	43.13 3.06 -3.19	37.08 3.31 -0.01	33.29 2.96 -1.57	32.04 2.98 -0.10	33.39 2.89 -2.96	33.39 2.78 -4.39	33.43 2.91 -3.32	32.62 2.79 -3.98	34.75 2.88 -5.43	38.17 3.24 -5.50	43.23 4.00 -3.86	46.53 4.53 -0.01	51.73 4.83 -0.01	54.21 4.88 0.00	42.93 3.58 0.00	36.53 2.92 0.00	33.70 2.47 0.00
HUDSON AVE_GT_4 23540	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.71 0.83 -15.62	28.63 1.18 -11.48	32.43 1.48 -10.73	43.25 1.72 -18.24	43.13 3.06 -3.19	37.08 3.31 -0.01	33.29 2.96 -1.57	32.04 2.98 -0.10	33.39 2.89 -2.96	33.39 2.78 -4.39	33.43 2.91 -3.32	32.62 2.79 -3.98	34.75 2.88 -5.43	38.17 3.24 -5.50	43.23 4.00 -3.86	46.53 4.53 -0.01	51.73 4.83 -0.01	54.21 4.88 0.00	42.93 3.58 0.00	36.53 2.92 0.00	33.70 2.47 0.00
HUDSON AVE_GT_5 23657	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.71 0.83 -15.62	28.63 1.18 -11.48	32.43 1.48 -10.73	43.25 1.72 -18.24	43.13 3.06 -3.19	37.08 3.31 -0.01	33.29 2.96 -1.57	32.04 2.98 -0.10	33.39 2.89 -2.96	33.39 2.78 -4.39	33.43 2.91 -3.32	32.62 2.79 -3.98	34.75 2.88 -5.43	38.17 3.24 -5.50	43.23 4.00 -3.86	46.53 4.53 -0.01	51.73 4.83 -0.01	54.21 4.88 0.00	42.93 3.58 0.00	36.53 2.92 0.00	33.70 2.47 0.00
HUDSON_AVE_10 24168	31.31 1.26 -13.73	30.56 1.03 -16.21	28.91 1.02 -14.24	27.71 0.83 -15.62	28.65 1.20 -11.48	32.45 1.50 -10.73	43.28 1.75 -18.24	43.17 3.10 -3.19	37.14 3.38 -0.01	33.35 3.02 -1.57	32.07 3.01 -0.10	33.42 2.92 -2.96	33.42 2.81 -4.39	33.46 2.94 -3.32	32.65 2.82 -3.98	34.78 2.91 -5.43	38.20 3.27 -5.50	43.26 4.03 -3.86	46.57 4.58 -0.01	51.78 4.88 -0.01	54.26 4.93 0.00	42.93 3.58 0.00	36.57 2.96 0.00	33.73 2.50 0.00
HUDSON___115KV_TB 4 355613	33.09 0.51 -16.26	32.95 0.43 -19.20	30.95 0.44 -16.88	30.14 0.36 -18.52	30.09 0.51 -13.61	33.64 0.69 -12.73	45.74 0.82 -21.63	41.77 1.11 -3.78	34.90 1.15 0.00	29.96 1.21 0.00	30.00 1.04 0.00	28.45 0.91 0.00	27.40 0.58 -0.60	28.46 0.73 -0.53	28.96 0.54 -2.57	29.98 0.56 -2.98	36.54 0.77 -6.35	40.11 1.20 -3.54	44.34 2.35 0.00	48.86 1.97 0.00	51.35 2.02 0.00	40.85 1.50 0.00	34.82 1.21 0.00	32.35 1.12 0.00
HUNTER MOUNT___DRP 323613	32.61 0.41 -15.88	32.43 0.35 -18.75	30.48 0.35 -16.48	29.64 0.29 -18.09	29.68 0.42 -13.29	33.22 0.57 -12.43	45.11 0.70 -21.12	41.50 0.92 -3.69	34.97 1.22 0.00	29.85 1.09 0.00	29.88 0.93 0.00	28.34 0.80 0.00	27.23 0.42 -0.59	28.32 0.60 -0.52	28.74 0.36 -2.53	29.75 0.37 -2.94	36.25 0.56 -6.25	39.78 0.92 -3.49	44.17 2.18 0.00	48.96 2.06 0.00	51.50 2.17 0.00	40.89 1.53 0.00	34.89 1.28 0.00	32.45 1.22 0.00
HUNTINGTON_RES_REC 323705	31.33 1.27 -13.73	30.45 0.92 -16.21	28.72 0.83 -14.25	27.61 0.73 -15.62	28.52 1.07 -11.48	32.70 1.74 -10.73	43.61 2.07 -18.24	44.13 4.06 -3.19	37.33 3.58 0.00	32.30 3.48 -0.06	32.14 3.19 0.00	30.84 3.14 -0.16	29.92 2.96 -0.73	31.01 3.18 -0.63	31.23 3.07 -2.31	32.38 3.20 -2.74	38.58 3.68 -5.47	43.43 4.35 -3.71	47.16 5.16 -0.01	52.29 5.39 -0.01	54.71 5.38 -0.01	43.49 4.13 -0.01	36.97 3.36 0.00	34.04 2.81 0.00
HUNTLEY___63 23557	17.22 -1.49 -2.38	15.03 -1.11 -2.81	14.94 -1.17 -2.47	13.01 -0.96 -2.71	16.61 -1.36 -1.99	20.19 -1.90 -1.86	24.25 -2.21 -3.17	33.86 -3.58 -0.55	31.19 -2.57 0.00	26.46 -2.30 0.00	26.50 -2.46 0.00	25.28 -2.26 0.00	24.13 -2.18 -0.09	24.86 -2.42 -0.08	24.09 -2.15 -0.39	24.59 -2.30 -0.45	27.97 -2.41 -0.95	33.14 -2.76 -0.53	38.79 -3.19 0.00	43.85 -3.05 0.00	46.37 -2.96 0.00	37.62 -1.73 0.00	32.36 -1.24 0.00	29.54 -1.69 0.00
HUNTLEY___64 23558	17.22 -1.49 -2.38	15.03 -1.11 -2.81	14.94 -1.17 -2.47	13.01 -0.96 -2.71	16.61 -1.36 -1.99	20.19 -1.90 -1.86	24.25 -2.21 -3.17	33.86 -3.58 -0.55	31.19 -2.57 0.00	26.46 -2.30 0.00	26.50 -2.46 0.00	25.28 -2.26 0.00	24.13 -2.18 -0.09	24.86 -2.42 -0.08	24.09 -2.15 -0.39	24.59 -2.30 -0.45	27.97 -2.41 -0.95	33.14 -2.76 -0.53	38.79 -3.19 0.00	43.85 -3.05 0.00	46.37 -2.96 0.00	37.62 -1.73 0.00	32.36 -1.24 0.00	29.54 -1.69 0.00
HUNTLEY___65 23559	17.22 -1.49 -2.38	15.03 -1.11 -2.81	14.94 -1.17 -2.47	13.01 -0.96 -2.71	16.61 -1.36 -1.99	20.19 -1.90 -1.86	24.25 -2.21 -3.17	33.86 -3.58 -0.55	31.19 -2.57 0.00	26.46 -2.30 0.00	26.50 -2.46 0.00	25.28 -2.26 0.00	24.13 -2.18 -0.09	24.86 -2.42 -0.08	24.09 -2.15 -0.39	24.59 -2.30 -0.45	27.97 -2.41 -0.95	33.14 -2.76 -0.53	38.79 -3.19 0.00	43.85 -3.05 0.00	46.37 -2.96 0.00	37.62 -1.73 0.00	32.36 -1.24 0.00	29.54 -1.69 0.00
HUNTLEY___66 23560	17.22 -1.49 -2.38	15.03 -1.11 -2.81	14.94 -1.17 -2.47	13.01 -0.96 -2.71	16.61 -1.36 -1.99	20.19 -1.90 -1.86	24.25 -2.21 -3.17	33.86 -3.58 -0.55	31.19 -2.57 0.00	26.46 -2.30 0.00	26.50 -2.46 0.00	25.28 -2.26 0.00	24.13 -2.18 -0.09	24.86 -2.42 -0.08	24.09 -2.15 -0.39	24.59 -2.30 -0.45	27.97 -2.41 -0.95	33.14 -2.76 -0.53	38.79 -3.19 0.00	43.85 -3.05 0.00	46.37 -2.96 0.00	37.62 -1.73 0.00	32.36 -1.24 0.00	29.54 -1.69 0.00

HUNTLEY___67 23561	17.19 -1.53 -2.40	15.01 -1.15 -2.83	14.91 -1.21 -2.49	13.00 -0.99 -2.73	16.56 -1.42 -2.01	20.14 -1.96 -1.88	24.20 -2.28 -3.19	33.86 -3.58 -0.56	31.32 -2.43 0.00	26.57 -2.19 0.00	26.61 -2.35 0.00	25.42 -2.12 0.00	24.19 -2.12 -0.09	24.91 -2.37 -0.08	24.15 -2.09 -0.39	24.68 -2.22 -0.46	27.96 -2.44 -0.97	33.11 -2.79 -0.54	38.75 -3.23 0.00	43.80 -3.09 0.00	46.27 -3.06 0.00	37.54 -1.81 0.00	32.26 -1.34 0.00	29.51 -1.72 0.00
HUNTLEY___68 23562	17.19 -1.53 -2.40	15.01 -1.15 -2.83	14.91 -1.21 -2.49	13.00 -0.99 -2.73	16.56 -1.42 -2.01	20.14 -1.96 -1.88	24.20 -2.28 -3.19	33.86 -3.58 -0.56	31.32 -2.43 0.00	26.57 -2.19 0.00	26.61 -2.35 0.00	25.42 -2.12 0.00	24.19 -2.12 -0.09	24.91 -2.37 -0.08	24.15 -2.09 -0.39	24.68 -2.22 -0.46	27.96 -2.44 -0.97	33.11 -2.79 -0.54	38.75 -3.23 0.00	43.80 -3.09 0.00	46.27 -3.06 0.00	37.54 -1.81 0.00	32.26 -1.34 0.00	29.51 -1.72 0.00
HYLAND___LFG 323620	18.47 -0.46 -2.60	16.08 -0.32 -3.07	16.01 -0.33 -2.70	13.94 -0.28 -2.96	17.83 -0.32 -2.18	21.77 -0.49 -2.04	26.24 -0.51 -3.46	36.42 -1.07 -0.60	32.57 -1.18 0.00	27.20 -1.55 0.00	27.13 -1.82 0.00	25.78 -1.76 0.00	24.56 -1.76 -0.10	25.35 -1.93 -0.09	24.54 -1.73 -0.42	25.24 -1.69 -0.49	28.85 -1.62 -1.04	34.57 -1.38 -0.58	41.27 -0.71 0.00	47.36 0.47 0.00	50.26 0.93 0.00	40.42 1.06 0.00	34.82 1.21 0.00	31.51 0.28 0.00
INDECK___CORINTH 23802	34.30 0.86 -17.11	34.22 0.69 -20.20	32.12 0.72 -17.76	31.35 0.61 -19.48	31.15 0.86 -14.32	34.74 1.13 -13.39	47.47 1.42 -22.76	43.22 2.36 -3.98	35.95 2.19 0.00	30.68 1.93 0.00	30.84 1.88 0.00	29.30 1.76 0.00	28.47 1.60 -0.65	29.37 1.60 -0.57	30.12 1.50 -2.77	31.13 1.48 -3.21	37.84 1.56 -6.84	41.24 2.05 -3.82	44.71 2.73 0.00	50.08 3.19 0.00	52.73 3.40 0.00	41.91 2.56 0.00	35.49 1.88 0.00	32.98 1.75 0.00
INDECK___ILION 23567	16.23 -0.10 0.00	13.27 -0.05 0.00	13.58 -0.05 0.00	11.25 -0.01 0.00	15.95 -0.02 0.00	20.24 0.02 0.00	23.34 0.05 0.00	36.92 0.04 0.00	33.72 -0.03 0.00	28.58 -0.17 0.00	28.73 -0.23 0.00	27.21 -0.33 0.00	25.85 -0.37 0.00	26.79 -0.41 0.00	25.44 -0.41 0.00	26.02 -0.42 0.00	28.90 -0.53 0.00	34.77 -0.60 0.00	41.35 -0.63 0.00	46.24 -0.66 0.00	48.69 -0.64 0.00	38.88 -0.47 0.00	33.21 -0.40 0.00	30.89 -0.34 0.00
INDECK___OLEAN 23982	17.57 -1.54 -2.79	15.46 -1.16 -3.29	15.31 -1.21 -2.89	13.45 -0.98 -3.17	16.88 -1.42 -2.33	20.44 -1.96 -2.18	24.69 -2.31 -3.70	33.84 -3.69 -0.65	31.96 -1.79 0.00	26.97 -1.78 0.00	26.96 -2.00 0.00	25.75 -1.79 0.00	23.94 -2.39 -0.11	24.68 -2.61 -0.09	23.95 -2.35 -0.45	24.48 -2.49 -0.52	27.93 -2.62 -1.12	33.09 -2.90 -0.62	39.72 -2.27 0.00	44.69 -2.20 0.00	47.26 -2.07 0.00	38.17 -1.18 0.00	33.04 -0.57 0.00	30.17 -1.06 0.00
INDECK___OSWEGO 23783	17.02 -0.37 -1.07	14.28 -0.31 -1.26	14.45 -0.30 -1.11	12.22 -0.26 -1.22	16.51 -0.35 -0.90	20.62 -0.45 -0.84	24.23 -0.49 -1.42	36.25 -0.89 -0.25	32.91 -0.84 0.00	28.04 -0.72 0.00	28.20 -0.75 0.00	26.82 -0.72 0.00	25.58 -0.68 -0.04	26.50 -0.73 -0.04	25.30 -0.72 -0.17	25.90 -0.74 -0.20	29.07 -0.79 -0.43	34.55 -1.06 -0.24	40.73 -1.26 0.00	45.58 -1.31 0.00	47.95 -1.38 0.00	38.25 -1.10 0.00	32.70 -0.91 0.00	30.39 -0.84 0.00
INDECK___YERKES 23781	17.23 -1.47 -2.38	15.04 -1.09 -2.81	14.95 -1.16 -2.47	13.02 -0.95 -2.71	16.62 -1.34 -1.99	20.21 -1.88 -1.86	24.27 -2.19 -3.17	33.86 -3.58 -0.55	31.22 -2.53 0.00	26.45 -2.30 0.00	26.50 -2.46 0.00	25.28 -2.26 0.00	24.11 -2.20 -0.09	24.86 -2.42 -0.08	24.09 -2.15 -0.39	24.59 -2.30 -0.45	27.97 -2.41 -0.95	33.14 -2.76 -0.53	38.83 -3.15 0.00	43.89 -3.00 0.00	46.37 -2.96 0.00	37.66 -1.69 0.00	32.87 -0.74 0.00	29.54 -1.69 0.00
INDIAN POINT_GT_1 24139	31.03 1.03 -13.67	30.31 0.84 -16.14	28.66 0.83 -14.19	27.17 0.65 -15.26	28.11 0.93 -11.21	31.84 1.13 -10.48	42.41 1.30 -17.82	42.36 2.36 -3.11	36.35 2.60 0.00	31.12 2.33 -0.04	31.28 2.32 0.00	29.87 2.26 -0.07	29.02 2.20 -0.60	30.00 2.28 -0.52	30.25 2.20 -2.20	31.29 2.27 -2.57	37.33 2.56 -5.33	41.80 3.18 -3.25	45.55 3.57 0.00	50.69 3.80 0.00	53.12 3.80 0.00	42.11 2.75 0.00	35.83 2.22 0.00	33.10 1.87 0.00
INDIAN POINT_GT_2 23659	31.03 1.03 -13.67	30.31 0.84 -16.14	28.66 0.83 -14.19	27.17 0.65 -15.26	28.11 0.93 -11.21	31.84 1.13 -10.48	42.41 1.30 -17.82	42.36 2.36 -3.11	36.35 2.60 0.00	31.12 2.33 -0.04	31.28 2.32 0.00	29.87 2.26 -0.07	29.02 2.20 -0.60	30.00 2.28 -0.52	30.25 2.20 -2.20	31.29 2.27 -2.57	37.33 2.56 -5.33	41.80 3.18 -3.25	45.55 3.57 0.00	50.69 3.80 0.00	53.12 3.80 0.00	42.11 2.75 0.00	35.83 2.22 0.00	33.10 1.87 0.00
INDIAN POINT_GT_3 24019	31.03 1.03 -13.67	30.31 0.84 -16.14	28.66 0.83 -14.19	27.17 0.65 -15.26	28.11 0.93 -11.21	31.84 1.13 -10.48	42.41 1.30 -17.82	42.36 2.36 -3.11	36.35 2.60 0.00	31.12 2.33 -0.04	31.28 2.32 0.00	29.87 2.26 -0.07	29.02 2.20 -0.60	30.00 2.28 -0.52	30.25 2.20 -2.20	31.29 2.27 -2.57	37.33 2.56 -5.33	41.80 3.18 -3.25	45.55 3.57 0.00	50.69 3.80 0.00	53.12 3.80 0.00	42.11 2.75 0.00	35.83 2.22 0.00	33.10 1.87 0.00
INDIAN POINT___2 23530	31.14 1.09 -13.72	30.42 0.89 -16.20	28.77 0.89 -14.24	26.74 0.62 -14.86	27.77 0.88 -10.92	31.51 1.07 -10.21	41.88 1.23 -17.36	42.17 2.25 -3.03	36.25 2.50 0.00	30.97 2.21 0.00	31.19 2.23 0.00	29.69 2.15 0.00	28.81 2.10 -0.49	29.81 2.18 -0.43	30.05 2.09 -2.10	31.05 2.17 -2.44	37.07 2.44 -5.20	41.46 3.00 -3.09	45.38 3.40 0.00	50.46 3.56 0.00	52.93 3.60 0.00	41.95 2.60 0.00	35.62 2.02 0.00	32.98 1.75 0.00
INDIAN POINT___3 23531	30.80 0.98 -13.50	30.08 0.81 -15.94	28.45 0.80 -14.01	27.29 0.66 -15.37	28.21 0.94 -11.29	31.96 1.17 -10.56	42.59 1.35 -17.95	42.45 2.43 -3.14	36.42 2.67 0.00	31.16 2.36 -0.04	31.33 2.37 0.00	29.93 2.31 -0.08	29.06 2.23 -0.61	30.06 2.34 -0.52	30.32 2.25 -2.22	31.37 2.33 -2.60	37.40 2.59 -5.37	41.88 3.22 -3.30	45.64 3.65 0.00	50.74 3.85 0.00	53.22 3.90 0.00	42.15 2.79 0.00	35.89 2.29 0.00	33.17 1.94 0.00
INGHAM_C_115KV_TB7 356103	15.96 -0.36 0.00	13.09 -0.24 0.00	13.41 -0.23 0.00	11.12 -0.14 0.00	15.79 -0.18 0.00	20.04 -0.18 0.00	23.13 -0.16 0.00	36.55 -0.33 0.00	33.28 -0.47 0.00	28.10 -0.66 0.00	28.09 -0.87 0.00	26.52 -1.02 0.00	25.15 -1.08 0.00	26.06 -1.14 0.00	24.71 -1.14 0.00	25.25 -1.19 0.00	27.96 -1.47 0.00	33.67 -1.70 0.00	40.10 -1.89 0.00	44.92 -1.97 0.00	47.35 -1.97 0.00	37.94 -1.42 0.00	32.40 -1.21 0.00	30.20 -1.03 0.00
IP CORINTH___1 23988	34.30 0.87 -17.11	34.22 0.69 -20.20	32.12 0.72 -17.76	31.35 0.61 -19.48	31.15 0.86 -14.32	34.74 1.13 -13.39	47.47 1.42 -22.76	43.22 2.36 -3.98	35.95 2.19 0.00	30.68 1.93 0.00	30.84 1.88 0.00	29.30 1.76 0.00	28.47 1.60 -0.65	29.37 1.60 -0.57	30.09 1.47 -2.77	31.14 1.48 -3.21	37.84 1.56 -6.84	41.24 2.05 -3.82	44.71 2.73 0.00	50.08 3.19 0.00	52.73 3.40 0.00	41.91 2.56 0.00	35.49 1.88 0.00	32.98 1.75 0.00

IP___TICONDEROGA 23804	34.69 1.27 -17.09	34.52 1.01 -20.18	32.44 1.06 -17.74	31.63 0.90 -19.47	31.54 1.26 -14.31	35.30 1.70 -13.38	48.19 2.17 -22.73	44.32 3.47 -3.97	36.89 3.14 0.00	31.37 2.62 0.00	31.45 2.49 0.00	29.85 2.31 0.00	28.91 2.05 -0.64	29.81 2.04 -0.57	30.45 1.84 -2.77	31.53 1.88 -3.21	38.33 2.06 -6.84	41.98 2.79 -3.82	45.85 3.86 0.00	51.49 4.60 0.00	54.36 5.03 0.00	43.09 3.74 0.00	36.36 2.76 0.00	33.82 2.59 0.00
ISLIP_RES_REC 323679	31.39 1.34 -13.73	30.48 0.95 -16.21	28.73 0.85 -14.25	27.65 0.77 -15.62	28.57 1.12 -11.48	32.88 1.92 -10.73	43.82 2.28 -18.24	44.57 4.50 -3.19	37.57 3.81 0.00	32.47 3.65 -0.06	32.25 3.30 0.00	30.95 3.25 -0.16	29.97 3.01 -0.73	31.23 3.40 -0.63	31.39 3.23 -2.31	32.59 3.41 -2.74	38.88 3.97 -5.47	44.07 4.99 -3.71	47.95 5.96 -0.01	53.09 6.19 -0.01	55.45 6.12 -0.01	44.20 4.84 -0.01	37.17 3.56 0.00	34.26 3.03 0.00
JAMAICA__27_KV_LOAD 355505	31.42 1.37 -13.73	30.64 1.11 -16.21	28.97 1.09 -14.24	27.77 0.89 -15.62	28.73 1.28 -11.48	32.57 1.62 -10.73	43.39 1.86 -18.24	43.39 3.32 -3.19	37.48 3.71 -0.01	33.63 3.31 -1.57	32.27 3.21 -0.10	33.58 3.08 -2.96	33.57 2.96 -4.39	33.65 3.13 -3.32	32.81 2.97 -3.98	34.96 3.09 -5.43	38.37 3.44 -5.50	43.51 4.28 -3.86	46.87 4.87 -0.01	52.15 5.25 -0.01	54.70 5.38 0.00	43.21 3.86 0.00	36.83 3.23 0.00	33.98 2.75 0.00
JANIS___SOLAR 323808	20.42 0.36 -3.74	18.04 0.31 -4.41	17.84 0.33 -3.88	15.82 0.30 -4.26	19.54 0.45 -3.13	23.75 0.61 -2.92	29.08 0.81 -4.97	38.90 1.14 -0.87	34.70 0.94 0.00	29.13 0.37 0.00	29.22 0.26 0.00	27.71 0.17 0.00	26.36 0.00 -0.14	27.24 -0.08 -0.12	26.35 -0.10 -0.60	27.09 -0.05 -0.70	31.07 0.15 -1.49	36.76 0.56 -0.83	43.24 1.26 0.00	48.86 1.97 0.00	51.55 2.22 0.00	41.08 1.73 0.00	35.09 1.48 0.00	32.35 1.12 0.00
JARVIS____ 23743	16.39 0.07 0.00	13.38 0.05 0.00	13.69 0.05 0.00	11.30 0.05 0.00	16.03 0.06 0.00	20.33 0.10 0.00	23.41 0.12 0.00	37.07 0.19 0.00	33.96 0.20 0.00	28.90 0.14 0.00	29.10 0.15 0.00	27.68 0.14 0.00	26.35 0.13 0.00	27.33 0.14 0.00	25.95 0.10 0.00	26.58 0.13 0.00	29.58 0.15 0.00	35.54 0.18 0.00	42.20 0.21 0.00	47.18 0.28 0.00	49.57 0.25 0.00	39.55 0.20 0.00	33.74 0.13 0.00	31.35 0.13 0.00
JENNISON___1 23625	21.60 0.51 -4.77	19.39 0.44 -5.63	19.01 0.42 -4.95	17.07 0.38 -5.43	20.52 0.56 -3.99	24.70 0.75 -3.73	30.61 0.98 -6.34	39.47 1.48 -1.11	35.21 1.45 0.00	29.71 0.95 0.00	29.91 0.96 0.00	28.42 0.88 0.00	27.08 0.68 -0.18	27.98 0.63 -0.16	27.16 0.54 -0.77	27.94 0.61 -0.89	32.10 0.77 -1.90	37.63 1.20 -1.06	43.79 1.81 0.00	49.33 2.44 0.00	51.94 2.61 0.00	41.40 2.05 0.00	35.29 1.68 0.00	32.60 1.37 0.00
JENNISON___2 23626	21.60 0.51 -4.77	19.39 0.44 -5.63	19.01 0.42 -4.95	17.07 0.38 -5.43	20.52 0.56 -3.99	24.70 0.75 -3.73	30.61 0.98 -6.34	39.47 1.48 -1.11	35.21 1.45 0.00	29.71 0.95 0.00	29.91 0.96 0.00	28.42 0.88 0.00	27.08 0.68 -0.18	27.98 0.63 -0.16	27.16 0.54 -0.77	27.94 0.61 -0.89	32.10 0.77 -1.90	37.63 1.20 -1.06	43.79 1.81 0.00	49.33 2.44 0.00	51.94 2.61 0.00	41.40 2.05 0.00	35.29 1.68 0.00	32.60 1.37 0.00
JERICHO_RISE_WT_PWR 323719	15.67 -0.65 0.00	12.69 -0.64 0.00	12.98 -0.65 0.00	10.68 -0.57 0.00	15.16 -0.81 0.00	19.33 -0.89 0.00	22.22 -1.07 0.00	35.15 -1.73 0.00	31.86 -1.89 0.00	27.00 -1.76 0.00	-1.91 -1.77 29.10	-9.44 -1.76 35.22	-9.38 -1.65 33.95	-9.43 -1.58 35.05	-9.36 -1.55 33.66	-9.43 -1.59 34.29	-9.61 -1.80 37.25	-10.00 -2.09 43.28	39.76 -2.23 0.00	44.69 -2.20 0.00	47.35 -1.97 0.00	38.09 -1.26 0.00	32.73 -0.87 0.00	30.54 -0.69 0.00
KATONAH___115KV_46KV_TB4 355592	31.22 1.06 -13.83	30.53 0.87 -16.33	28.85 0.86 -14.36	27.71 0.71 -15.75	28.56 1.02 -11.57	32.32 1.27 -10.82	43.17 1.49 -18.39	42.71 2.62 -3.21	36.62 2.87 0.00	31.29 2.53 0.00	31.48 2.52 0.00	29.96 2.42 0.00	29.15 2.41 -0.52	30.10 2.45 -0.46	30.43 2.35 -2.23	31.46 2.43 -2.58	37.71 2.77 -5.50	41.93 3.47 -3.10	45.93 3.95 0.00	51.07 4.17 0.00	53.57 4.24 0.00	42.38 3.03 0.00	36.06 2.45 0.00	33.32 2.09 0.00
KCE_NY_1 323755	34.23 0.83 -17.07	34.16 0.68 -20.15	32.06 0.71 -17.71	31.29 0.60 -19.44	31.09 0.83 -14.29	34.65 1.07 -13.36	47.30 1.30 -22.70	43.03 2.18 -3.97	35.78 2.03 0.00	30.45 1.70 0.00	30.61 1.65 0.00	29.11 1.57 0.00	28.30 1.44 -0.64	29.23 1.47 -0.57	29.98 1.37 -2.76	31.02 1.37 -3.20	37.78 1.53 -6.82	41.19 2.01 -3.80	44.59 2.60 0.00	49.85 2.96 0.00	52.49 3.16 0.00	41.71 2.36 0.00	35.39 1.78 0.00	32.91 1.69 0.00
KCE_NY_6_ESR 323823	17.32 -1.50 -2.50	15.16 -1.12 -2.95	15.04 -1.19 -2.59	13.14 -0.97 -2.85	16.67 -1.39 -2.09	20.28 -1.90 -1.96	24.40 -2.21 -3.32	34.00 -3.47 -0.58	31.56 -2.19 0.00	26.69 -2.07 0.00	26.73 -2.23 0.00	25.53 -2.01 0.00	24.19 -2.12 -0.09	24.91 -2.37 -0.08	24.19 -2.07 -0.41	24.72 -2.19 -0.47	28.08 -2.36 -1.00	33.31 -2.62 -0.56	39.26 -2.73 0.00	44.36 -2.53 0.00	46.91 -2.42 0.00	38.02 -1.34 0.00	33.14 -0.47 0.00	29.89 -1.34 0.00
KEDC_PORT_JEFF_GT2 24210	31.42 1.37 -13.73	30.51 0.97 -16.21	28.77 0.89 -14.25	27.67 0.79 -15.62	28.60 1.15 -11.48	32.94 1.98 -10.73	43.86 2.33 -18.24	44.64 4.57 -3.19	37.60 3.85 0.00	32.50 3.68 -0.06	32.28 3.33 0.00	31.01 3.30 -0.16	30.02 3.07 -0.73	31.26 3.43 -0.63	31.46 3.31 -2.30	32.64 3.46 -2.74	38.97 4.06 -5.47	44.17 5.09 -3.71	48.04 6.05 -0.01	53.19 6.29 -0.01	55.55 6.22 -0.01	44.32 4.96 -0.01	37.27 3.66 0.00	34.35 3.12 0.00
KEDC_PORT_JEFF_GT3 24211	31.42 1.37 -13.73	30.51 0.97 -16.21	28.77 0.89 -14.25	27.67 0.79 -15.62	28.60 1.15 -11.48	32.94 1.98 -10.73	43.86 2.33 -18.24	44.64 4.57 -3.19	37.60 3.85 0.00	32.50 3.68 -0.06	32.28 3.33 0.00	31.01 3.30 -0.16	30.02 3.07 -0.73	31.26 3.43 -0.63	31.46 3.31 -2.30	32.64 3.46 -2.74	38.97 4.06 -5.47	44.17 5.09 -3.71	48.04 6.05 -0.01	53.19 6.29 -0.01	55.55 6.22 -0.01	44.32 4.96 -0.01	37.27 3.66 0.00	34.35 3.12 0.00
KEDC_GLWD_GT4 24219	31.28 1.22 -13.73	30.50 0.96 -16.21	28.80 0.91 -14.25	27.66 0.78 -15.62	28.57 1.12 -11.48	32.49 1.54 -10.73	43.35 1.82 -18.24	43.43 3.36 -3.19	37.10 3.34 0.00	31.95 3.13 -0.06	32.02 3.07 0.00	30.95 2.98 -0.43	30.16 2.86 -1.09	31.07 2.96 -0.90	31.16 2.84 -2.46	32.39 2.93 -3.01	38.18 3.27 -5.48	44.09 3.96 -4.76	46.45 4.45 -0.02	51.70 4.79 -0.02	54.13 4.78 -0.02	43.03 3.66 -0.02	36.57 2.96 0.00	33.76 2.53 0.00
KEDC_GLWD_GT5 24220	31.28 1.22 -13.73	30.50 0.96 -16.21	28.80 0.91 -14.25	27.66 0.78 -15.62	28.57 1.12 -11.48	32.49 1.54 -10.73	43.35 1.82 -18.24	43.43 3.36 -3.19	37.10 3.34 0.00	31.95 3.13 -0.06	32.02 3.07 0.00	30.95 2.98 -0.43	30.16 2.86 -1.09	31.07 2.96 -0.90	31.16 2.84 -2.46	32.39 2.93 -3.01	38.18 3.27 -5.48	44.09 3.96 -4.76	46.45 4.45 -0.02	51.70 4.79 -0.02	54.13 4.78 -0.02	43.03 3.66 -0.02	36.57 2.96 0.00	33.76 2.53 0.00

KENSICO____ 23655	31.10 1.08 -13.70	30.38 0.88 -16.17	28.73 0.87 -14.21	27.56 0.72 -15.59	28.45 1.02 -11.45	32.21 1.27 -10.71	42.98 1.49 -18.20	42.72 2.66 -3.18	36.62 2.87 0.00	31.37 2.56 -0.06	31.54 2.58 0.00	30.16 2.51 -0.11	29.29 2.41 -0.66	30.29 2.53 -0.56	30.55 2.43 -2.27	31.62 2.51 -2.67	37.71 2.83 -5.45	42.33 3.50 -3.46	45.97 3.99 0.00	51.11 4.22 0.00	53.57 4.24 0.00	42.42 3.07 0.00	36.13 2.52 0.00	33.35 2.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.32 0.95 -13.05	29.52 0.79 -15.41	27.96 0.78 -13.54	26.77 0.64 -14.87	27.80 0.91 -10.92	31.59 1.15 -10.21	42.03 1.37 -17.36	42.31 2.40 -3.03	36.29 2.53 0.00	30.86 2.10 0.00	31.01 2.06 0.00	29.50 1.96 0.00	28.62 1.91 -0.49	29.64 2.01 -0.43	29.91 1.96 -2.10	30.91 2.04 -2.43	36.91 2.30 -5.18	41.19 2.94 -2.89	45.43 3.44 0.00	50.74 3.85 0.00	53.22 3.90 0.00	42.07 2.72 0.00	35.86 2.25 0.00	33.13 1.90 0.00
KIAC_JFK_GT1 23816	31.34 1.29 -13.73	30.57 1.04 -16.21	28.91 1.02 -14.24	27.71 0.83 -15.62	28.65 1.20 -11.48	32.47 1.52 -10.73	43.19 1.65 -18.24	43.06 2.99 -3.19	37.28 3.51 -0.01	33.49 3.16 -1.57	32.12 3.07 -0.10	33.44 2.95 -2.96	33.44 2.83 -4.39	33.51 2.99 -3.32	32.68 2.84 -3.98	34.83 2.96 -5.43	38.08 3.15 -5.50	43.19 3.96 -3.86	46.49 4.49 -0.01	51.73 4.83 -0.01	54.16 4.83 0.00	42.82 3.46 0.00	36.63 3.02 0.00	33.79 2.56 0.00
KIAC_JFK_GT2 23817	31.34 1.29 -13.73	30.57 1.04 -16.21	28.91 1.02 -14.24	27.71 0.83 -15.62	28.65 1.20 -11.48	32.47 1.52 -10.73	43.19 1.65 -18.24	43.06 2.99 -3.19	37.28 3.51 -0.01	33.49 3.16 -1.57	32.12 3.07 -0.10	33.44 2.95 -2.96	33.44 2.83 -4.39	33.51 2.99 -3.32	32.68 2.84 -3.98	34.83 2.96 -5.43	38.08 3.15 -5.50	43.19 3.96 -3.86	46.49 4.49 -0.01	51.73 4.83 -0.01	54.16 4.83 0.00	42.82 3.46 0.00	36.63 3.02 0.00	33.79 2.56 0.00
KIAC_JFK____ 323774	31.34 1.29 -13.73	30.57 1.04 -16.21	28.91 1.02 -14.24	27.71 0.83 -15.62	28.65 1.20 -11.48	32.47 1.52 -10.73	43.19 1.65 -18.24	43.06 2.99 -3.19	37.08 3.31 -0.01	33.49 3.16 -1.57	32.12 3.07 -0.10	33.45 2.95 -2.96	33.47 2.86 -4.39	33.51 2.99 -3.32	32.68 2.84 -3.98	34.83 2.96 -5.43	38.08 3.15 -5.50	43.19 3.96 -3.86	46.45 4.45 -0.01	51.73 4.83 -0.01	54.21 4.88 0.00	42.82 3.46 0.00	36.57 2.96 0.00	33.79 2.56 0.00
KINTIGH____ 23543	17.21 -1.27 -2.16	14.93 -0.95 -2.55	14.88 -1.00 -2.24	12.89 -0.82 -2.46	16.63 -1.15 -1.81	20.27 -1.64 -1.69	24.27 -1.89 -2.87	34.40 -2.99 -0.50	31.39 -2.36 0.00	26.74 -2.01 0.00	26.81 -2.14 0.00	25.56 -1.98 0.00	24.54 -1.76 -0.08	25.28 -1.99 -0.07	24.44 -1.76 -0.35	24.97 -1.88 -0.40	28.26 -2.03 -0.86	33.51 -2.33 -0.48	39.05 -2.94 0.00	44.03 -2.86 0.00	46.47 -2.86 0.00	37.58 -1.77 0.00	32.23 -1.38 0.00	29.54 -1.69 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	15.98 -0.34 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.89 -0.37 0.00	15.44 -0.53 0.00	19.76 -0.47 0.00	22.73 -0.56 0.00	35.96 -0.92 0.00	32.57 -1.18 0.00	27.58 -1.18 0.00	0.01 -1.13 27.82	-7.28 -1.16 33.67	-7.36 -1.13 32.45	-7.28 -0.98 33.50	-7.33 -1.01 32.17	-7.39 -1.06 32.77	-7.35 -1.18 35.61	-7.24 -1.24 41.37	40.72 -1.26 0.00	45.81 -1.08 0.00	48.64 -0.69 0.00	39.04 -0.31 0.00	33.54 -0.07 0.00	31.26 0.03 0.00
LACHUTE__HYDRO 323717	34.69 1.27 -17.09	34.52 1.01 -20.18	32.44 1.06 -17.74	31.63 0.90 -19.47	31.54 1.26 -14.31	35.30 1.70 -13.38	48.19 2.17 -22.73	44.32 3.47 -3.97	36.89 3.14 0.00	31.37 2.62 0.00	31.45 2.49 0.00	29.85 2.31 0.00	28.91 2.05 -0.64	29.81 2.04 -0.57	30.50 1.89 -2.77	31.53 1.88 -3.21	38.33 2.06 -6.84	41.98 2.79 -3.82	45.84 3.86 0.00	51.49 4.60 0.00	54.36 5.03 0.00	43.09 3.74 0.00	36.36 2.76 0.00	33.82 2.59 0.00
LAWRNCV_115KV_TB1 80681	15.75 -0.57 0.00	12.81 -0.52 0.00	13.11 -0.53 0.00	10.81 -0.45 0.00	15.32 -0.65 0.00	19.54 -0.69 0.00	22.41 -0.89 0.00	35.33 -1.55 0.00	32.03 -1.72 0.00	27.23 -1.52 0.00	31.53 -1.51 -4.07	30.93 -1.54 -4.93	29.48 -1.49 -4.75	30.72 -1.39 -4.91	29.19 -1.37 -4.71	29.87 -1.37 -4.80	33.03 -1.62 -5.21	39.59 -1.84 -6.06	40.10 -1.89 0.00	44.64 -2.25 0.00	47.16 -2.17 0.00	38.13 -1.22 0.00	32.90 -0.71 0.00	30.70 -0.53 0.00
LEDERLE____ 23769	30.40 1.00 -13.09	29.60 0.83 -15.45	28.04 0.82 -13.58	26.85 0.68 -14.92	27.89 0.96 -10.96	31.69 1.21 -10.25	42.16 1.44 -17.42	42.51 2.58 -3.04	36.59 2.84 0.00	31.23 2.47 0.00	31.42 2.46 0.00	29.91 2.37 0.00	29.05 2.33 -0.49	30.05 2.42 -0.44	30.31 2.35 -2.11	31.32 2.43 -2.45	37.29 2.65 -5.21	41.77 3.29 -3.11	45.72 3.74 0.00	50.83 3.94 0.00	53.32 4.00 0.00	42.23 2.87 0.00	35.96 2.35 0.00	33.20 1.97 0.00
LIGHTHSE_115KV_TB6 355974	17.03 -0.29 -1.01	14.27 -0.24 -1.19	14.42 -0.26 -1.04	12.20 -0.20 -1.15	16.52 -0.29 -0.84	20.69 -0.32 -0.79	24.28 -0.35 -1.34	36.45 -0.66 -0.23	33.11 -0.64 0.00	28.12 -0.63 0.00	28.32 -0.64 0.00	26.88 -0.66 0.00	25.58 -0.68 -0.04	26.50 -0.73 -0.03	25.26 -0.75 -0.16	25.92 -0.71 -0.19	29.01 -0.82 -0.40	34.64 -0.95 -0.22	40.98 -1.01 0.00	46.05 -0.84 0.00	48.49 -0.84 0.00	38.72 -0.63 0.00	33.10 -0.50 0.00	30.76 -0.47 0.00
LINDEN COGEN____ 23786	31.23 1.18 -13.73	30.49 0.96 -16.21	28.82 0.94 -14.24	27.65 0.78 -15.62	28.55 1.10 -11.48	32.33 1.38 -10.73	43.12 1.58 -18.24	42.91 2.84 -3.19	36.91 3.14 -0.01	33.20 2.88 -1.57	31.95 2.90 -0.10	33.31 2.81 -2.96	33.31 2.70 -4.39	33.35 2.83 -3.32	32.55 2.71 -3.98	34.67 2.80 -5.43	38.05 3.12 -5.50	43.05 3.82 -3.86	46.28 4.28 -0.01	51.50 4.60 -0.01	53.91 4.59 0.00	42.74 3.38 0.00	36.26 2.65 0.00	33.54 2.31 0.00
LINDHRST_69_KV_BK1 356055	31.41 1.35 -13.73	30.54 1.00 -16.21	28.80 0.91 -14.25	27.68 0.80 -15.62	28.62 1.17 -11.48	32.78 1.82 -10.73	43.70 2.17 -18.24	44.16 4.09 -3.19	37.50 3.75 0.00	32.41 3.59 -0.06	32.31 3.36 0.00	31.02 3.28 -0.21	30.13 3.12 -0.79	31.16 3.29 -0.67	31.36 3.18 -2.33	32.50 3.28 -2.78	38.62 3.71 -5.47	43.80 4.56 -3.87	47.29 5.29 -0.01	52.67 5.77 -0.01	55.11 5.77 -0.01	43.73 4.37 -0.01	37.34 3.73 0.00	34.16 2.94 0.00
LIPA_MISC_IPP 23656	31.16 1.11 -13.73	30.28 0.75 -16.21	28.54 0.65 -14.25	27.50 0.62 -15.62	28.34 0.89 -11.48	32.76 1.80 -10.73	43.56 2.03 -18.24	44.20 4.13 -3.19	37.06 3.31 0.00	32.07 3.25 -0.06	31.76 2.81 0.00	30.54 2.84 -0.16	29.52 2.57 -0.73	30.87 3.05 -0.63	31.10 2.95 -2.30	32.27 3.09 -2.74	38.59 3.68 -5.47	43.70 4.63 -3.70	47.41 5.42 -0.01	52.48 5.58 -0.01	54.71 5.38 -0.01	43.89 4.53 -0.01	37.10 3.50 0.00	33.91 2.69 0.00
LISF__SOLAR 323691	31.18 1.13 -13.73	30.29 0.76 -16.21	28.55 0.67 -14.25	27.51 0.63 -15.62	28.36 0.91 -11.48	32.78 1.82 -10.73	43.61 2.07 -18.24	44.35 4.28 -3.19	37.13 3.38 0.00	32.10 3.28 -0.06	31.76 2.81 0.00	30.57 2.86 -0.16	29.55 2.60 -0.73	30.90 3.07 -0.63	31.10 2.95 -2.30	32.30 3.12 -2.74	38.61 3.71 -5.47	43.77 4.70 -3.70	47.62 5.63 -0.01	52.57 5.67 -0.01	54.81 5.47 -0.01	43.96 4.60 -0.01	36.73 3.13 0.00	33.98 2.75 0.00

LITTLE FALLS___HYD 24013	15.96 -0.36 0.00	13.09 -0.24 0.00	13.41 -0.23 0.00	11.12 -0.14 0.00	15.79 -0.18 0.00	20.04 -0.18 0.00	23.13 -0.16 0.00	36.55 -0.33 0.00	33.28 -0.47 0.00	28.10 -0.66 0.00	28.09 -0.87 0.00	26.52 -1.02 0.00	25.15 -1.08 0.00	26.06 -1.14 0.00	24.71 -1.14 0.00	25.25 -1.19 0.00	27.96 -1.47 0.00	33.67 -1.70 0.00	40.10 -1.89 0.00	44.92 -1.97 0.00	47.35 -1.97 0.00	37.94 -1.42 0.00	32.40 -1.21 0.00	30.20 -1.03 0.00
LITTLRIV_115KV_TB1 356100	16.16 -0.41 -0.24	13.23 -0.39 -0.29	13.48 -0.41 -0.25	11.20 -0.34 -0.28	15.66 -0.51 -0.20	19.93 -0.49 -0.19	22.98 -0.63 -0.32	35.76 -1.18 -0.06	32.30 -1.45 0.00	27.38 -1.38 0.00	32.25 -1.33 -4.62	31.70 -1.43 -5.59	30.20 -1.42 -5.40	31.49 -1.28 -5.57	29.97 -1.27 -5.38	30.66 -1.27 -5.49	33.94 -1.50 -6.01	40.70 -1.59 -6.93	40.47 -1.51 0.00	45.16 -1.74 0.00	47.70 -1.63 0.00	38.57 -0.79 0.00	33.27 -0.34 0.00	31.01 -0.22 0.00
LI_NEWBRDGE___DRP 323616	31.21 1.16 -13.73	30.40 0.87 -16.21	28.68 0.79 -14.25	27.57 0.69 -15.62	28.46 1.01 -11.48	32.49 1.54 -10.73	43.35 1.82 -18.24	43.50 3.43 -3.19	37.03 3.27 0.00	32.07 3.25 -0.06	31.99 3.04 0.00	30.62 2.95 -0.13	29.77 2.86 -0.69	30.74 2.94 -0.60	30.98 2.84 -2.29	32.03 2.88 -2.71	38.11 3.21 -5.47	42.78 3.82 -3.60	46.36 4.37 -0.01	51.73 4.83 -0.01	54.12 4.78 -0.01	42.90 3.54 -0.01	36.80 3.19 0.00	33.70 2.47 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.04 -1.58 -2.30	14.86 -1.19 -2.72	14.77 -1.25 -2.39	12.86 -1.02 -2.62	16.45 -1.45 -1.93	20.03 -2.00 -1.80	24.03 -2.33 -3.07	33.73 -3.69 -0.54	30.99 -2.77 0.00	26.31 -2.44 0.00	26.35 -2.61 0.00	25.14 -2.40 0.00	24.03 -2.28 -0.09	24.74 -2.53 -0.08	23.97 -2.25 -0.37	24.47 -2.41 -0.43	27.79 -2.56 -0.92	32.98 -2.90 -0.51	38.58 -3.40 0.00	43.61 -3.28 0.00	46.07 -3.26 0.00	37.39 -1.97 0.00	32.13 -1.48 0.00	29.36 -1.87 0.00
LOCKPORT___CC1 323769	17.06 -1.58 -2.32	14.88 -1.19 -2.74	14.81 -1.24 -2.41	12.88 -1.02 -2.64	16.46 -1.45 -1.94	20.04 -2.00 -1.82	24.05 -2.33 -3.09	33.73 -3.69 -0.54	31.02 -2.73 0.00	26.34 -2.42 0.00	26.35 -2.61 0.00	25.14 -2.40 0.00	24.00 -2.31 -0.09	24.75 -2.53 -0.08	23.98 -2.25 -0.38	24.50 -2.38 -0.43	27.80 -2.56 -0.93	32.98 -2.90 -0.52	38.62 -3.36 0.00	43.61 -3.28 0.00	46.07 -3.26 0.00	37.39 -1.97 0.00	32.63 -0.98 0.00	29.36 -1.87 0.00
LOCKPORT___CC2 323770	17.06 -1.58 -2.32	14.88 -1.19 -2.74	14.81 -1.24 -2.41	12.88 -1.02 -2.64	16.46 -1.45 -1.94	20.04 -2.00 -1.82	24.05 -2.33 -3.09	33.73 -3.69 -0.54	31.02 -2.73 0.00	26.34 -2.42 0.00	26.35 -2.61 0.00	25.14 -2.40 0.00	24.00 -2.31 -0.09	24.75 -2.53 -0.08	23.98 -2.25 -0.38	24.50 -2.38 -0.43	27.80 -2.56 -0.93	32.98 -2.90 -0.52	38.62 -3.36 0.00	43.61 -3.28 0.00	46.07 -3.26 0.00	37.39 -1.97 0.00	32.63 -0.98 0.00	29.36 -1.87 0.00
LOCKPORT___CC3 323771	17.06 -1.58 -2.32	14.88 -1.19 -2.74	14.81 -1.24 -2.41	12.88 -1.02 -2.64	16.46 -1.45 -1.94	20.04 -2.00 -1.82	24.05 -2.33 -3.09	33.73 -3.69 -0.54	31.02 -2.73 0.00	26.34 -2.42 0.00	26.35 -2.61 0.00	25.14 -2.40 0.00	24.00 -2.31 -0.09	24.75 -2.53 -0.08	23.98 -2.25 -0.38	24.50 -2.38 -0.43	27.80 -2.56 -0.93	32.98 -2.90 -0.52	38.62 -3.36 0.00	43.61 -3.28 0.00	46.07 -3.26 0.00	37.39 -1.97 0.00	32.63 -0.98 0.00	29.36 -1.87 0.00
LONG_LAKE_PHOENIX 24014	17.11 -0.31 -1.10	14.36 -0.27 -1.30	14.52 -0.26 -1.14	12.30 -0.21 -1.25	16.59 -0.30 -0.92	20.72 -0.36 -0.86	24.34 -0.42 -1.46	36.40 -0.74 -0.26	33.08 -0.68 0.00	28.18 -0.58 0.00	28.32 -0.64 0.00	26.96 -0.58 0.00	25.71 -0.55 -0.04	26.61 -0.63 -0.04	25.43 -0.59 -0.18	26.04 -0.61 -0.21	29.23 -0.65 -0.44	34.69 -0.92 -0.25	40.93 -1.05 0.00	45.86 -1.03 0.00	48.24 -1.09 0.00	38.45 -0.91 0.00	32.84 -0.77 0.00	30.51 -0.72 0.00
LOVETT___3 23632	30.48 0.96 -13.19	29.69 0.79 -15.57	28.10 0.78 -13.69	26.94 0.65 -15.03	27.94 0.93 -11.05	31.69 1.13 -10.33	42.18 1.33 -17.56	42.35 2.40 -3.07	36.39 2.63 0.00	31.11 2.36 0.00	31.33 2.37 0.00	29.83 2.29 0.00	28.95 2.23 -0.50	29.95 2.31 -0.44	30.23 2.25 -2.13	31.24 2.33 -2.47	37.28 2.59 -5.26	41.75 3.22 -3.16	45.60 3.61 0.00	50.74 3.85 0.00	53.17 3.85 0.00	42.15 2.79 0.00	35.86 2.25 0.00	33.13 1.90 0.00
LOVETT___4 23642	30.48 0.96 -13.19	29.69 0.79 -15.57	28.10 0.78 -13.69	26.94 0.65 -15.03	27.94 0.93 -11.05	31.69 1.13 -10.33	42.18 1.33 -17.56	42.35 2.40 -3.07	36.39 2.63 0.00	31.11 2.36 0.00	31.33 2.37 0.00	29.83 2.29 0.00	28.95 2.23 -0.50	29.95 2.31 -0.44	30.23 2.25 -2.13	31.24 2.33 -2.47	37.28 2.59 -5.26	41.75 3.22 -3.16	45.60 3.61 0.00	50.74 3.85 0.00	53.17 3.85 0.00	42.15 2.79 0.00	35.86 2.25 0.00	33.13 1.90 0.00
LOVETT___5 23593	30.48 0.96 -13.19	29.69 0.79 -15.57	28.10 0.78 -13.69	26.94 0.65 -15.03	27.94 0.93 -11.05	31.69 1.13 -10.33	42.18 1.33 -17.56	42.35 2.40 -3.07	36.39 2.63 0.00	31.11 2.36 0.00	31.33 2.37 0.00	29.83 2.29 0.00	28.95 2.23 -0.50	29.95 2.31 -0.44	30.23 2.25 -2.13	31.24 2.33 -2.47	37.28 2.59 -5.26	41.75 3.22 -3.16	45.60 3.61 0.00	50.74 3.85 0.00	53.17 3.85 0.00	42.15 2.79 0.00	35.86 2.25 0.00	33.13 1.90 0.00
LOWER RAQUET___HYD 24057	15.88 -0.70 -0.26	13.00 -0.63 -0.30	13.26 -0.64 -0.27	11.01 -0.54 -0.29	15.40 -0.78 -0.21	19.58 -0.85 -0.20	22.56 -1.07 -0.34	35.10 -1.84 -0.06	31.73 -2.02 0.00	26.97 -1.78 0.00	32.27 -1.77 -5.08	31.87 -1.82 -6.14	30.42 -1.73 -5.93	31.66 -1.66 -6.12	30.13 -1.63 -5.91	30.83 -1.64 -6.03	34.12 -1.91 -6.60	40.81 -2.16 -7.61	39.72 -2.27 0.00	44.27 -2.63 0.00	46.81 -2.51 0.00	37.86 -1.50 0.00	32.70 -0.91 0.00	30.51 -0.72 0.00
LOWER___HUDSON 24059	33.83 0.69 -16.82	33.75 0.56 -19.86	31.67 0.57 -17.46	30.90 0.48 -19.16	30.73 0.69 -14.08	34.28 0.89 -13.16	46.71 1.05 -22.37	42.64 1.84 -3.91	35.54 1.79 0.00	30.28 1.52 0.00	30.46 1.50 0.00	29.00 1.46 0.00	28.24 1.39 -0.63	29.17 1.41 -0.56	29.91 1.34 -2.72	30.94 1.35 -3.15	37.64 1.50 -6.71	41.02 1.91 -3.74	44.29 2.31 0.00	49.42 2.53 0.00	51.94 2.61 0.00	41.28 1.93 0.00	35.12 1.51 0.00	32.67 1.44 0.00
LOWVILLE_115KV_TB2 356335	16.71 -0.15 -0.53	13.82 -0.13 -0.63	14.03 -0.16 -0.55	11.75 -0.11 -0.61	16.26 -0.16 -0.45	20.52 -0.12 -0.42	23.93 -0.07 -0.71	36.79 -0.22 -0.12	33.35 -0.41 0.00	28.18 -0.58 0.00	29.86 -0.55 -1.45	28.67 -0.63 -1.76	27.23 -0.71 -1.72	28.23 -0.73 -1.77	26.89 -0.72 -1.77	27.59 -0.66 -1.81	30.80 -0.71 -2.07	37.05 -0.60 -2.28	41.56 -0.42 0.00	46.80 -0.09 0.00	49.33 0.00 0.00	39.35 0.00 0.00	33.64 0.03 0.00	31.54 0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.23 0.83 -17.07	34.15 0.67 -20.15	32.05 0.70 -17.71	31.28 0.59 -19.44	31.09 0.83 -14.29	34.65 1.07 -13.36	47.28 1.28 -22.70	42.99 2.14 -3.97	35.75 1.99 0.00	30.45 1.70 0.00	30.61 1.65 0.00	29.11 1.57 0.00	28.31 1.44 -0.64	29.24 1.47 -0.57	29.98 1.37 -2.76	31.02 1.37 -3.20	37.78 1.53 -6.82	41.15 1.98 -3.80	44.55 2.56 0.00	49.80 2.91 0.00	52.43 3.11 0.00	41.68 2.32 0.00	35.39 1.78 0.00	32.92 1.69 0.00

LUTHERNY_35_KV_BK2 355980	34.23 0.83 -17.07	34.16 0.68 -20.15	32.06 0.71 -17.71	31.29 0.60 -19.44	31.09 0.83 -14.29	34.65 1.07 -13.36	47.30 1.30 -22.70	43.03 2.18 -3.97	35.78 2.03 0.00	30.45 1.70 0.00	30.61 1.65 0.00	29.11 1.57 0.00	28.31 1.44 -0.64	29.24 1.47 -0.57	29.98 1.37 -2.76	31.02 1.37 -3.20	37.78 1.53 -6.82	41.19 2.02 -3.80	44.59 2.60 0.00	49.85 2.95 0.00	52.48 3.16 0.00	41.72 2.36 0.00	35.42 1.81 0.00	32.92 1.69 0.00
LWR__OSWEGATCHIE_HYD 23850	16.25 -0.49 -0.41	13.37 -0.44 -0.49	13.60 -0.46 -0.43	11.34 -0.38 -0.47	15.77 -0.54 -0.34	19.96 -0.59 -0.32	23.16 -0.68 -0.55	35.76 -1.22 -0.10	32.37 -1.38 0.00	27.43 -1.32 0.00	31.10 -1.30 -3.44	30.33 -1.38 -4.17	28.89 -1.36 -4.03	30.03 -1.33 -4.16	28.58 -1.32 -4.05	29.28 -1.30 -4.13	32.54 -1.47 -4.57	39.02 -1.56 -5.21	40.43 -1.55 0.00	45.35 -1.55 0.00	47.85 -1.48 0.00	38.41 -0.94 0.00	33.04 -0.57 0.00	30.85 -0.37 0.00
LYONS_FALL_HYD 23570	16.85 0.02 -0.51	13.92 0.00 -0.60	14.14 -0.03 -0.52	11.83 0.00 -0.58	16.39 0.00 -0.42	20.68 0.06 -0.40	24.10 0.14 -0.67	37.15 0.15 -0.12	33.79 0.03 0.00	28.58 -0.17 0.00	29.82 -0.12 -0.97	28.50 -0.22 -1.18	27.09 -0.29 -1.16	28.09 -0.30 -1.19	26.75 -0.31 -1.21	27.42 -0.26 -1.24	30.62 -0.27 -1.45	36.79 -0.14 -1.56	42.07 0.08 0.00	47.22 0.33 0.00	49.77 0.44 0.00	39.67 0.31 0.00	33.88 0.27 0.00	31.63 0.40 0.00
MADISON__COUNTY_LFGE 323628	17.45 0.29 -0.83	14.55 0.24 -0.98	14.73 0.23 -0.86	12.41 0.20 -0.95	16.95 0.29 -0.70	21.28 0.40 -0.65	24.93 0.54 -1.11	37.89 0.81 -0.19	34.46 0.71 0.00	29.22 0.46 0.00	29.48 0.52 0.00	27.98 0.44 0.00	26.59 0.34 -0.03	27.55 0.33 -0.03	26.27 0.28 -0.13	26.92 0.32 -0.16	30.15 0.38 -0.33	36.15 0.60 -0.19	42.87 0.88 0.00	48.11 1.22 0.00	50.61 1.28 0.00	40.34 0.98 0.00	34.38 0.77 0.00	31.92 0.69 0.00
MALONE__115KV_TB1 356076	15.82 -0.51 0.00	12.81 -0.52 0.00	13.11 -0.53 0.00	10.79 -0.47 0.00	15.28 -0.69 0.00	19.56 -0.67 0.00	22.48 -0.82 0.00	35.52 -1.36 0.00	32.17 -1.59 0.00	27.26 -1.50 0.00	45.84 -1.51 -18.39	48.23 -1.57 -22.26	46.18 -1.49 -21.45	48.02 -1.33 -22.15	45.80 -1.32 -21.27	46.76 -1.35 -21.67	51.44 -1.53 -23.54	60.98 -1.73 -27.35	40.26 -1.72 0.00	45.16 -1.74 0.00	47.90 -1.43 0.00	38.49 -0.87 0.00	33.10 -0.50 0.00	30.85 -0.37 0.00
MAPLEWOD_115KV_TB3 80458	33.67 0.62 -16.73	33.58 0.51 -19.75	31.52 0.52 -17.36	30.75 0.44 -19.05	30.59 0.62 -14.00	34.10 0.79 -13.09	46.45 0.91 -22.25	42.39 1.62 -3.89	35.07 1.32 0.00	29.88 1.12 0.00	30.09 1.13 0.00	28.64 1.10 0.00	27.88 1.02 -0.63	28.82 1.06 -0.56	29.54 0.98 -2.71	30.59 1.00 -3.15	37.23 1.09 -6.70	40.52 1.41 -3.74	43.62 1.64 0.00	48.68 1.78 0.00	51.15 1.83 0.00	40.73 1.38 0.00	34.68 1.08 0.00	32.23 1.00 0.00
MAPLE_RIDGE_WT_1 323574	15.80 -0.52 0.00	12.89 -0.44 0.00	13.20 -0.44 0.00	10.92 -0.34 0.00	15.49 -0.48 0.00	19.66 -0.57 0.00	22.59 -0.70 0.00	35.74 -1.14 0.00	32.57 -1.18 0.00	27.69 -1.06 0.00	27.92 -1.04 0.00	26.49 -1.05 0.00	25.22 -1.00 0.00	26.22 -0.98 0.00	24.92 -0.93 0.00	25.49 -0.95 0.00	28.38 -1.06 0.00	34.16 -1.20 0.00	40.73 -1.26 0.00	45.58 -1.31 0.00	48.10 -1.23 0.00	38.53 -0.83 0.00	33.00 -0.60 0.00	30.76 -0.47 0.00
MAPLE_RIDGE_WT_2 323611	15.80 -0.52 0.00	12.89 -0.44 0.00	13.20 -0.44 0.00	10.92 -0.34 0.00	15.49 -0.48 0.00	19.66 -0.57 0.00	22.59 -0.70 0.00	35.74 -1.14 0.00	32.57 -1.18 0.00	27.69 -1.06 0.00	27.92 -1.04 0.00	26.49 -1.05 0.00	25.22 -1.00 0.00	26.22 -0.98 0.00	24.92 -0.93 0.00	25.49 -0.95 0.00	28.38 -1.06 0.00	34.16 -1.20 0.00	40.73 -1.26 0.00	45.58 -1.31 0.00	48.10 -1.23 0.00	38.53 -0.83 0.00	33.00 -0.60 0.00	30.76 -0.47 0.00
MARBLE_RIVER_WT_PWR 323696	15.70 -0.62 0.00	12.73 -0.60 0.00	13.01 -0.63 0.00	10.71 -0.55 0.00	15.19 -0.78 0.00	19.38 -0.85 0.00	22.27 -1.02 0.00	35.19 -1.70 0.00	31.93 -1.82 0.00	27.06 -1.70 0.00	0.12 -1.71 27.13	-7.00 -1.71 32.83	-7.00 -1.57 31.65	-7.00 -1.52 32.67	-7.00 -1.47 31.38	-7.00 -1.48 31.96	-7.00 -1.71 34.73	-6.99 -2.01 40.35	39.84 -2.14 0.00	44.74 -2.16 0.00	47.45 -1.87 0.00	38.17 -1.18 0.00	32.77 -0.84 0.00	30.57 -0.66 0.00
MARSHVLE_115KV_TB1 80742	37.31 1.27 -19.72	37.64 1.04 -23.28	35.16 1.06 -20.46	34.62 0.91 -22.45	33.76 1.29 -16.50	37.27 1.62 -15.43	51.49 1.98 -26.22	44.53 3.06 -4.58	36.12 2.36 0.00	30.25 1.50 0.00	30.32 1.36 0.00	28.70 1.16 0.00	27.86 0.89 -0.74	28.67 0.82 -0.66	29.76 0.72 -3.19	30.91 0.77 -3.70	38.26 0.94 -7.88	41.29 1.52 -4.40	45.26 3.27 0.00	51.30 4.41 0.00	54.11 4.78 0.00	43.13 3.78 0.00	36.50 2.89 0.00	33.82 2.59 0.00
MARSH_HILL_WT_PWR 323713	18.32 -1.01 -3.01	16.09 -0.79 -3.55	15.97 -0.79 -3.12	14.03 -0.65 -3.43	17.55 -0.94 -2.52	21.32 -1.25 -2.35	25.85 -1.44 -4.00	35.19 -2.40 -0.70	31.90 -1.86 0.00	26.83 -1.93 0.00	26.87 -2.09 0.00	25.61 -1.93 0.00	24.29 -2.05 -0.11	25.07 -2.23 -0.10	24.29 -2.04 -0.49	24.89 -2.12 -0.56	28.49 -2.15 -1.20	33.85 -2.19 -0.67	40.26 -1.72 0.00	45.86 -1.03 0.00	48.68 -0.64 0.00	39.16 -0.20 0.00	33.78 0.17 0.00	30.79 -0.44 0.00
MCINTYRE_115KV_TB2 80467	16.13 -0.20 0.00	13.13 -0.20 0.00	13.42 -0.22 0.00	11.08 -0.18 0.00	15.68 -0.29 0.00	20.02 -0.20 0.00	22.99 -0.30 0.00	36.18 -0.70 0.00	32.71 -1.05 0.00	27.69 -1.06 0.00	31.80 -1.04 -3.89	31.12 -1.13 -4.71	29.63 -1.13 -4.54	30.90 -0.98 -4.68	29.36 -0.98 -4.50	30.04 -0.98 -4.58	33.29 -1.12 -4.98	40.02 -1.13 -5.78	41.06 -0.92 0.00	45.77 -1.13 0.00	48.39 -0.94 0.00	39.08 -0.28 0.00	33.68 0.07 0.00	31.39 0.16 0.00
MECO____69_KV_BK1 80468	36.60 1.37 -18.91	36.76 1.11 -22.32	34.40 1.15 -19.62	33.77 0.98 -21.53	33.18 1.39 -15.82	36.80 1.78 -14.79	50.63 2.19 -25.15	44.67 3.39 -4.39	36.49 2.73 0.00	30.65 1.90 0.00	30.69 1.74 0.00	29.06 1.51 0.00	28.19 1.26 -0.71	29.00 1.17 -0.63	29.99 1.09 -3.06	31.13 1.14 -3.55	38.37 1.38 -7.56	41.71 2.12 -4.22	45.72 3.74 0.00	51.68 4.78 0.00	54.51 5.18 0.00	43.37 4.01 0.00	36.63 3.02 0.00	34.01 2.78 0.00
MENANDS__115KV_TB5 355628	33.58 0.55 -16.70	33.50 0.45 -19.72	31.45 0.48 -17.33	30.67 0.39 -19.02	30.50 0.56 -13.98	34.00 0.71 -13.07	46.32 0.82 -22.21	42.17 1.40 -3.88	34.87 1.11 0.00	29.73 0.98 0.00	29.94 0.98 0.00	28.50 0.96 0.00	27.77 0.92 -0.63	28.68 0.92 -0.56	29.44 0.88 -2.71	30.48 0.90 -3.14	37.10 0.97 -6.69	40.37 1.27 -3.74	43.41 1.43 0.00	48.39 1.50 0.00	50.86 1.53 0.00	40.50 1.14 0.00	34.52 0.91 0.00	32.07 0.84 0.00
MG INDUSTRY__DRP 24185	33.21 0.49 -16.40	33.09 0.40 -19.36	31.08 0.42 -17.02	30.28 0.35 -18.68	30.19 0.50 -13.72	33.66 0.61 -12.83	45.80 0.70 -21.81	41.76 1.07 -3.81	34.67 0.91 0.00	29.48 0.72 0.00	29.62 0.67 0.00	28.17 0.63 0.00	27.36 0.52 -0.61	28.28 0.54 -0.54	28.97 0.49 -2.63	29.97 0.48 -3.05	36.56 0.62 -6.50	39.88 0.88 -3.63	43.20 1.22 0.00	48.25 1.36 0.00	50.76 1.43 0.00	40.46 1.10 0.00	34.48 0.87 0.00	32.07 0.84 0.00

MID___OSWEGATCHIE_HYD 23849	16.25 -0.49 -0.41	13.37 -0.44 -0.49	13.60 -0.46 -0.43	11.34 -0.38 -0.47	15.77 -0.54 -0.34	19.96 -0.59 -0.32	23.16 -0.68 -0.55	35.76 -1.22 -0.10	32.37 -1.38 0.00	27.43 -1.32 0.00	31.10 -1.30 -3.44	30.33 -1.38 -4.17	28.89 -1.36 -4.03	30.03 -1.33 -4.16	28.58 -1.32 -4.05	29.28 -1.30 -4.13	32.54 -1.47 -4.57	39.02 -1.56 -5.21	40.43 -1.55 0.00	45.35 -1.55 0.00	47.85 -1.48 0.00	38.41 -0.94 0.00	33.04 -0.57 0.00	30.85 -0.37 0.00
MID___RAQUETTE_HYD 23851	15.88 -0.70 -0.26	13.00 -0.63 -0.30	13.26 -0.64 -0.27	11.01 -0.54 -0.29	15.40 -0.78 -0.21	19.57 -0.85 -0.20	22.56 -1.07 -0.34	35.10 -1.84 -0.06	31.73 -2.03 0.00	26.97 -1.78 0.00	32.27 -1.77 -5.08	31.87 -1.82 -6.14	30.39 -1.76 -5.93	31.66 -1.66 -6.12	30.13 -1.63 -5.91	30.83 -1.64 -6.03	34.12 -1.91 -6.60	40.82 -2.16 -7.61	39.72 -2.27 0.00	44.31 -2.58 0.00	46.81 -2.52 0.00	37.86 -1.50 0.00	32.70 -0.91 0.00	30.51 -0.72 0.00
MILLIKEN___1 23584	19.25 0.11 -2.81	16.73 0.08 -3.32	16.66 0.11 -2.92	14.55 0.09 -3.20	18.45 0.13 -2.35	22.61 0.18 -2.20	27.29 0.26 -3.74	37.91 0.37 -0.65	34.13 0.37 0.00	28.93 0.17 0.00	29.04 0.09 0.00	27.60 0.06 0.00	26.33 0.00 -0.11	27.24 -0.05 -0.09	26.25 -0.05 -0.45	26.92 -0.05 -0.53	30.59 0.03 -1.12	36.13 0.14 -0.63	42.40 0.42 0.00	47.64 0.75 0.00	50.21 0.89 0.00	40.02 0.67 0.00	34.15 0.54 0.00	31.60 0.37 0.00
MILLIKEN___2 23585	19.25 0.11 -2.81	16.73 0.08 -3.32	16.66 0.11 -2.92	14.55 0.09 -3.20	18.45 0.13 -2.35	22.61 0.18 -2.20	27.29 0.26 -3.74	37.91 0.37 -0.65	34.13 0.37 0.00	28.93 0.17 0.00	29.04 0.09 0.00	27.60 0.06 0.00	26.33 0.00 -0.11	27.24 -0.05 -0.09	26.25 -0.05 -0.45	26.92 -0.05 -0.53	30.59 0.03 -1.12	36.13 0.14 -0.63	42.40 0.42 0.00	47.64 0.75 0.00	50.21 0.89 0.00	40.02 0.67 0.00	34.15 0.54 0.00	31.60 0.37 0.00
MILLIKEN___DIESEL 23629	19.25 0.11 -2.81	16.73 0.08 -3.32	16.66 0.11 -2.92	14.55 0.09 -3.20	18.45 0.13 -2.35	22.61 0.18 -2.20	27.29 0.26 -3.74	37.91 0.37 -0.65	34.13 0.37 0.00	28.93 0.17 0.00	29.04 0.09 0.00	27.60 0.06 0.00	26.33 0.00 -0.11	27.24 -0.05 -0.09	26.25 -0.05 -0.45	26.92 -0.05 -0.53	30.59 0.03 -1.12	36.13 0.14 -0.63	42.40 0.42 0.00	47.64 0.75 0.00	50.21 0.89 0.00	40.02 0.67 0.00	34.15 0.54 0.00	31.60 0.37 0.00
MILLSEAT___LFGE 323607	17.28 -1.29 -2.25	15.05 -0.93 -2.65	14.98 -1.00 -2.33	13.00 -0.82 -2.56	16.72 -1.13 -1.88	20.41 -1.58 -1.76	24.47 -1.82 -2.99	34.57 -2.84 -0.52	31.69 -2.06 0.00	26.86 -1.90 0.00	26.90 -2.06 0.00	25.64 -1.90 0.00	24.44 -1.86 -0.08	25.20 -2.07 -0.07	24.40 -1.81 -0.36	24.93 -1.93 -0.42	28.27 -2.06 -0.90	33.60 -2.26 -0.50	39.47 -2.52 0.00	44.69 -2.20 0.00	47.16 -2.17 0.00	38.21 -1.14 0.00	33.24 -0.37 0.00	29.92 -1.31 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.03 1.03 -13.67	30.32 0.85 -16.14	28.67 0.85 -14.19	27.32 0.68 -15.38	28.25 0.97 -11.30	31.99 1.19 -10.57	42.65 1.40 -17.97	42.53 2.51 -3.14	36.49 2.73 0.00	31.21 2.42 -0.04	31.39 2.43 0.00	29.99 2.37 -0.08	29.11 2.28 -0.61	30.12 2.39 -0.53	30.37 2.30 -2.22	31.42 2.38 -2.60	37.49 2.68 -5.38	41.96 3.29 -3.30	45.72 3.74 0.00	50.83 3.94 0.00	53.32 4.00 0.00	42.23 2.87 0.00	35.96 2.35 0.00	33.23 2.00 0.00
MILLWOOD_13_KV_LOAD 356217	31.06 1.06 -13.67	30.34 0.87 -16.14	28.69 0.86 -14.19	27.34 0.70 -15.38	28.26 0.99 -11.30	32.03 1.23 -10.57	42.68 1.42 -17.97	42.57 2.54 -3.14	36.52 2.77 0.00	31.27 2.47 -0.04	31.45 2.49 0.00	30.02 2.40 -0.08	29.16 2.33 -0.61	30.14 2.42 -0.53	30.40 2.33 -2.22	31.45 2.41 -2.60	37.52 2.71 -5.38	42.06 3.40 -3.30	45.85 3.86 0.00	50.97 4.08 0.00	53.42 4.09 0.00	42.31 2.95 0.00	35.99 2.39 0.00	33.26 2.03 0.00
MODEL_CITY_ENERGY 24167	16.93 -1.73 -2.33	14.79 -1.29 -2.76	14.70 -1.36 -2.42	12.79 -1.13 -2.66	16.33 -1.60 -1.95	19.85 -2.20 -1.83	23.83 -2.56 -3.10	33.41 -4.02 -0.54	30.72 -3.04 0.00	26.08 -2.67 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.79 -2.52 -0.09	24.53 -2.75 -0.08	23.77 -2.46 -0.38	24.29 -2.59 -0.44	27.57 -2.80 -0.93	32.67 -3.22 -0.52	38.21 -3.78 0.00	43.14 -3.75 0.00	45.53 -3.80 0.00	36.95 -2.40 0.00	32.26 -1.35 0.00	29.04 -2.19 0.00
MODERN_LFGE___ 323580	16.93 -1.73 -2.33	14.79 -1.29 -2.76	14.70 -1.36 -2.42	12.79 -1.13 -2.66	16.33 -1.60 -1.95	19.85 -2.20 -1.83	23.83 -2.56 -3.10	33.41 -4.02 -0.54	30.72 -3.04 0.00	26.08 -2.67 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.79 -2.52 -0.09	24.53 -2.75 -0.08	23.77 -2.46 -0.38	24.29 -2.59 -0.44	27.57 -2.80 -0.93	32.67 -3.22 -0.52	38.21 -3.78 0.00	43.14 -3.75 0.00	45.53 -3.80 0.00	36.95 -2.40 0.00	32.26 -1.35 0.00	29.04 -2.19 0.00
MOHAWK_PAPER___DRP 24187	33.67 0.62 -16.73	33.58 0.51 -19.75	31.52 0.52 -17.36	30.75 0.44 -19.05	30.59 0.62 -14.00	34.10 0.79 -13.09	46.45 0.91 -22.25	42.39 1.62 -3.89	35.07 1.32 0.00	29.88 1.12 0.00	30.09 1.13 0.00	28.64 1.10 0.00	27.88 1.02 -0.63	28.82 1.06 -0.56	29.54 0.98 -2.71	30.59 1.00 -3.15	37.23 1.09 -6.70	40.52 1.41 -3.74	43.62 1.64 0.00	48.68 1.78 0.00	51.15 1.83 0.00	40.73 1.38 0.00	34.68 1.08 0.00	32.23 1.00 0.00
MOHICAN___35_KV_115KV_LD 80490	34.32 0.91 -17.08	34.23 0.73 -20.17	32.13 0.76 -17.73	31.36 0.64 -19.45	31.18 0.91 -14.30	34.78 1.19 -13.37	47.50 1.49 -22.72	43.32 2.47 -3.97	36.08 2.33 0.00	30.77 2.01 0.00	30.90 1.94 0.00	29.30 1.76 0.00	28.46 1.60 -0.64	29.37 1.60 -0.57	30.12 1.50 -2.77	31.16 1.51 -3.21	37.89 1.62 -6.83	41.34 2.16 -3.81	44.84 2.85 0.00	50.22 3.33 0.00	52.93 3.60 0.00	42.03 2.68 0.00	35.63 2.02 0.00	33.10 1.87 0.00
MONGAUP___HYD 23641	29.53 0.82 -12.39	28.64 0.69 -14.63	27.16 0.67 -12.85	25.93 0.55 -14.12	27.15 0.80 -10.38	30.94 1.01 -9.70	40.95 1.16 -16.49	41.76 1.99 -2.88	35.88 2.13 0.00	30.51 1.75 0.00	30.67 1.71 0.00	29.16 1.62 0.00	28.29 1.60 -0.47	29.27 1.66 -0.41	29.45 1.60 -2.00	30.45 1.69 -2.32	36.31 1.94 -4.94	40.73 2.51 -2.86	45.05 3.06 0.00	50.31 3.42 0.00	52.83 3.50 0.00	41.75 2.40 0.00	35.56 1.95 0.00	32.88 1.65 0.00
MONTAUK___DIESEL 23721	31.00 0.95 -13.73	30.11 0.57 -16.21	28.32 0.44 -14.25	27.32 0.44 -15.62	28.09 0.64 -11.48	32.53 1.58 -10.73	43.35 1.82 -18.24	43.94 3.87 -3.19	36.66 2.90 0.00	31.67 2.85 -0.06	31.01 2.06 0.00	29.93 2.23 -0.16	28.89 1.94 -0.73	30.36 2.53 -0.63	30.58 2.43 -2.30	31.74 2.56 -2.74	38.00 3.09 -5.47	43.13 4.07 -3.70	46.74 4.74 -0.01	51.78 4.88 -0.01	54.12 4.78 -0.01	43.46 4.09 -0.01	36.47 2.86 0.00	33.57 2.34 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.31 -1.65 -2.64	15.22 -1.23 -3.12	15.11 -1.27 -2.74	13.28 -0.99 -3.01	16.71 -1.47 -2.21	20.37 -1.92 -2.07	24.61 -2.19 -3.51	34.29 -3.21 -0.61	32.03 -1.72 0.00	26.83 -1.93 0.00	26.76 -2.20 0.00	25.50 -2.04 0.00	24.07 -2.25 -0.10	24.81 -2.47 -0.09	24.11 -2.17 -0.43	24.75 -2.19 -0.50	28.35 -2.15 -1.06	33.73 -2.23 -0.59	40.10 -1.89 0.00	45.53 -1.36 0.00	48.34 -0.99 0.00	39.24 -0.12 0.00	33.81 0.20 0.00	30.95 -0.28 0.00

MORRIS_RIDGE___SOLAR 323848	18.06 -1.21 -2.95	15.87 -0.93 -3.48	15.74 -0.96 -3.06	13.83 -0.79 -3.36	17.32 -1.12 -2.47	20.99 -1.54 -2.31	25.42 -1.79 -3.92	34.54 -3.02 -0.69	31.39 -2.36 0.00	26.45 -2.30 0.00	26.47 -2.49 0.00	25.28 -2.26 0.00	24.00 -2.33 -0.11	24.79 -2.50 -0.10	24.05 -2.27 -0.48	24.64 -2.35 -0.55	28.14 -2.47 -1.18	33.34 -2.69 -0.66	39.59 -2.39 0.00	45.06 -1.83 0.00	47.80 -1.53 0.00	38.53 -0.83 0.00	33.34 -0.27 0.00	30.35 -0.87 0.00
MORTIMER_115KV_TB3 55949	17.42 -0.88 -1.98	15.03 -0.64 -2.34	15.01 -0.68 -2.06	12.94 -0.57 -2.26	16.86 -0.77 -1.66	20.68 -1.09 -1.55	24.72 -1.21 -2.64	35.43 -1.92 -0.46	32.24 -1.52 0.00	27.46 -1.29 0.00	27.57 -1.39 0.00	26.25 -1.29 0.00	25.17 -1.13 -0.07	25.96 -1.31 -0.07	25.03 -1.14 -0.32	25.57 -1.24 -0.37	28.87 -1.35 -0.79	34.29 -1.52 -0.44	40.10 -1.89 0.00	45.21 -1.69 0.00	47.70 -1.63 0.00	38.45 -0.91 0.00	32.87 -0.74 0.00	30.14 -1.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.24 1.19 -13.73	30.51 0.97 -16.21	28.85 0.97 -14.25	27.68 0.80 -15.62	28.58 1.13 -11.48	32.37 1.42 -10.73	43.19 1.65 -18.24	43.02 2.95 -3.19	36.95 3.17 -0.02	30.68 2.82 0.89	31.74 2.84 0.06	28.62 2.75 1.68	27.19 2.65 1.68	28.80 2.77 1.17	29.72 2.66 -1.21	30.13 2.75 -0.94	37.96 3.09 -5.44	43.18 3.82 -3.99	46.37 4.37 -0.02	51.54 4.64 -0.01	54.01 4.69 0.00	42.78 3.42 0.00	36.40 2.79 0.00	33.60 2.37 0.00
MUNSVILLE_WIND_PWR 323609	21.25 0.67 -4.25	18.93 0.59 -5.02	18.65 0.60 -4.41	16.69 0.59 -4.85	20.38 0.85 -3.56	24.73 1.17 -3.33	30.49 1.54 -5.66	40.16 2.29 -0.99	35.78 2.03 0.00	29.91 1.15 0.00	30.14 1.19 0.00	28.56 1.02 0.00	27.11 0.73 -0.16	27.99 0.65 -0.14	27.08 0.54 -0.69	27.90 0.66 -0.80	32.01 0.88 -1.70	37.83 1.52 -0.95	44.42 2.43 0.00	50.31 3.42 0.00	53.12 3.80 0.00	42.31 2.95 0.00	36.10 2.49 0.00	33.26 2.03 0.00
N SALMON___HYD 24042	15.82 -0.51 0.00	12.81 -0.52 0.00	13.11 -0.53 0.00	10.79 -0.47 0.00	15.28 -0.69 0.00	19.56 -0.67 0.00	22.48 -0.82 0.00	35.52 -1.36 0.00	32.17 -1.59 0.00	27.26 -1.50 0.00	45.84 -1.51 -18.39	48.23 -1.57 -22.26	46.21 -1.47 -21.45	48.02 -1.33 -22.15	45.80 -1.32 -21.27	46.76 -1.35 -21.67	51.44 -1.53 -23.54	60.99 -1.73 -27.35	40.26 -1.72 0.00	45.16 -1.73 0.00	47.89 -1.43 0.00	38.49 -0.87 0.00	33.11 -0.50 0.00	30.86 -0.37 0.00
N.AKRON__115KV_KNAPP 355671	17.28 -1.31 -2.26	15.04 -0.96 -2.67	14.96 -1.02 -2.35	13.00 -0.83 -2.58	16.71 -1.15 -1.89	20.38 -1.62 -1.77	24.44 -1.86 -3.01	34.49 -2.91 -0.53	31.63 -2.13 0.00	26.83 -1.93 0.00	26.87 -2.08 0.00	25.61 -1.93 0.00	24.44 -1.86 -0.09	25.18 -2.09 -0.08	24.38 -1.84 -0.37	24.91 -1.96 -0.42	28.25 -2.09 -0.90	33.57 -2.30 -0.50	39.34 -2.65 0.00	44.55 -2.34 0.00	47.11 -2.22 0.00	38.13 -1.22 0.00	32.73 -0.87 0.00	29.89 -1.34 0.00
N.BELMOR_69_KV_BK1 55787	31.31 1.26 -13.73	30.48 0.95 -16.21	28.76 0.87 -14.25	27.63 0.75 -15.62	28.55 1.10 -11.48	32.60 1.64 -10.73	43.47 1.93 -18.24	43.69 3.61 -3.19	37.20 3.44 0.00	32.16 3.34 -0.06	32.11 3.16 0.00	30.90 3.06 -0.31	30.10 2.96 -0.92	31.02 3.05 -0.78	31.19 2.95 -2.39	32.34 3.01 -2.88	38.27 3.36 -5.48	43.70 4.07 -4.27	46.66 4.66 -0.01	52.02 5.11 -0.01	54.47 5.13 -0.01	43.18 3.82 -0.01	36.97 3.36 0.00	33.88 2.65 0.00
N.E_GEN_SANDY PD 24062	32.41 0.82 -15.27	32.02 0.67 -18.03	30.16 0.68 -15.84	29.21 0.56 -17.38	29.56 0.81 -12.78	35.10 0.99 -13.89	44.74 1.14 -20.30	45.40 2.03 -6.49	50.00 2.50 -13.75	49.26 2.21 -18.29	41.90 2.23 -10.71	39.82 2.20 -10.08	37.46 2.15 -9.09	38.42 2.20 -9.02	36.30 2.12 -8.33	36.80 2.14 -8.22	44.43 2.38 -12.61	48.90 2.97 -10.56	62.40 3.40 -17.02	60.40 3.66 -9.85	56.00 3.70 -2.97	52.20 2.71 -10.13	40.40 2.12 -4.67	35.30 2.00 -2.07
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.41 0.96 -13.13	29.62 0.80 -15.50	28.05 0.79 -13.62	26.87 0.65 -14.96	27.89 0.93 -11.00	31.66 1.15 -10.28	42.14 1.37 -17.47	42.41 2.47 -3.05	36.45 2.70 0.00	31.14 2.39 0.00	31.36 2.40 0.00	29.85 2.31 0.00	28.97 2.25 -0.49	30.00 2.37 -0.44	30.24 2.27 -2.12	31.25 2.35 -2.46	37.28 2.62 -5.23	41.75 3.25 -3.13	45.68 3.69 0.00	50.79 3.89 0.00	53.22 3.90 0.00	42.19 2.83 0.00	35.89 2.29 0.00	33.17 1.94 0.00
N.QUEENS_27_KV_LOAD 356247	31.33 1.27 -13.74	30.58 1.04 -16.21	28.91 1.02 -14.25	27.73 0.84 -15.63	28.67 1.21 -11.49	32.46 1.50 -10.74	43.28 1.75 -18.24	43.13 3.06 -3.19	37.04 3.27 -0.02	33.34 3.02 -1.56	32.06 3.01 -0.09	33.38 2.89 -2.95	33.38 2.78 -4.38	33.42 2.91 -3.31	32.64 2.82 -3.97	34.74 2.88 -5.42	38.19 3.27 -5.49	43.23 4.00 -3.87	46.45 4.45 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.97 3.62 0.00	36.61 2.99 -0.01	33.74 2.50 -0.01
N.TROY___115KV_TB1 355778	33.83 0.69 -16.82	33.75 0.56 -19.86	31.67 0.57 -17.46	30.90 0.48 -19.16	30.73 0.69 -14.08	34.28 0.89 -13.16	46.71 1.05 -22.37	42.64 1.84 -3.91	35.54 1.79 0.00	30.28 1.52 0.00	30.46 1.51 0.00	29.00 1.46 0.00	28.24 1.39 -0.63	29.17 1.41 -0.56	29.91 1.34 -2.72	30.94 1.35 -3.15	37.64 1.50 -6.71	41.02 1.91 -3.74	44.29 2.31 0.00	49.43 2.53 0.00	51.94 2.61 0.00	41.28 1.93 0.00	35.15 1.55 0.00	32.67 1.44 0.00
NARROWS_GT1_1 24228	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT1_2 24229	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT1_3 24230	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT1_4 24231	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01

NARROWS_GT1_5 24232	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT1_6 24233	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT1_7 24234	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT1_8 24235	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT2_1 24236	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT2_2 24237	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT2_3 24238	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT2_4 24239	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT2_5 24240	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT2_6 24241	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT2_7 24242	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NARROWS_GT2_8 24243	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.46 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.17 5.25 -0.02	54.66 5.33 -0.01	43.34 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.61 0.41 -15.88	32.43 0.35 -18.75	30.48 0.35 -16.48	29.64 0.29 -18.09	29.68 0.42 -13.29	33.22 0.57 -12.43	45.11 0.70 -21.12	41.50 0.92 -3.69	34.97 1.22 0.00	29.85 1.09 0.00	29.88 0.93 0.00	28.34 0.80 0.00	27.23 0.42 -0.59	28.32 0.60 -0.52	28.74 0.36 -2.53	29.75 0.37 -2.94	36.25 0.56 -6.25	39.78 0.92 -3.49	44.17 2.18 0.00	48.96 2.06 0.00	51.50 2.17 0.00	40.89 1.53 0.00	34.89 1.28 0.00	32.45 1.22 0.00
NCHELSEA_115KV_TR2 355582	30.95 1.00 -13.63	30.25 0.83 -16.09	28.60 0.82 -14.15	27.46 0.68 -15.52	28.34 0.96 -11.41	32.08 1.19 -10.67	42.82 1.40 -18.13	42.49 2.43 -3.17	36.39 2.63 0.00	31.03 2.27 0.00	31.19 2.23 0.00	29.69 2.15 0.00	28.86 2.12 -0.51	29.85 2.20 -0.45	30.16 2.12 -2.19	31.18 2.19 -2.54	37.32 2.47 -5.42	41.48 3.11 -3.00	45.64 3.65 0.00	50.83 3.94 0.00	53.32 4.00 0.00	42.19 2.83 0.00	35.93 2.32 0.00	33.23 2.00 0.00
NEG CAPITAL___MECHNVIL 23645	34.17 0.85 -17.00	34.08 0.69 -20.07	31.98 0.71 -17.64	31.21 0.60 -19.35	31.04 0.85 -14.22	34.61 1.09 -13.30	47.22 1.33 -22.60	43.05 2.21 -3.95	35.85 2.09 0.00	30.54 1.78 0.00	30.69 1.74 0.00	29.19 1.65 0.00	28.38 1.52 -0.64	29.31 1.55 -0.57	30.07 1.47 -2.75	31.11 1.48 -3.18	37.86 1.65 -6.78	41.27 2.12 -3.78	44.67 2.69 0.00	49.94 3.05 0.00	52.58 3.25 0.00	41.75 2.40 0.00	35.46 1.85 0.00	32.98 1.75 0.00

NEG CENTRAL_HIGH_ACRES 23767	17.19 -1.03 -1.90	14.78 -0.79 -2.24	14.80 -0.80 -1.97	12.74 -0.68 -2.16	16.63 -0.93 -1.59	20.45 -1.25 -1.48	24.42 -1.40 -2.52	35.15 -2.18 -0.44	31.96 -1.79 0.00	27.17 -1.58 0.00	27.31 -1.65 0.00	26.00 -1.54 0.00	24.88 -1.42 -0.07	25.68 -1.58 -0.06	24.73 -1.42 -0.31	25.26 -1.53 -0.36	28.51 -1.68 -0.76	33.88 -1.91 -0.42	39.72 -2.27 0.00	44.74 -2.16 0.00	47.16 -2.17 0.00	37.94 -1.42 0.00	32.70 -0.91 0.00	29.76 -1.47 0.00
NEG CENTRAL___DRP 24199	17.93 -0.31 -1.92	15.35 -0.24 -2.26	15.40 -0.23 -1.99	13.25 -0.19 -2.18	17.32 -0.26 -1.61	21.38 -0.34 -1.50	25.49 -0.35 -2.55	36.74 -0.59 -0.45	33.35 -0.41 0.00	28.30 -0.46 0.00	28.41 -0.55 0.00	27.04 -0.50 0.00	25.77 -0.52 -0.07	26.64 -0.63 -0.06	25.56 -0.59 -0.31	26.17 -0.63 -0.36	29.58 -0.62 -0.77	35.12 -0.67 -0.43	41.44 -0.55 0.00	46.52 -0.38 0.00	49.03 -0.30 0.00	39.28 -0.08 0.00	33.51 -0.10 0.00	30.95 -0.28 0.00
NEG CENTRAL___INDECK 23768	18.34 -0.59 -2.60	15.97 -0.43 -3.07	15.90 -0.44 -2.70	13.86 -0.36 -2.97	17.69 -0.46 -2.18	21.59 -0.67 -2.04	26.03 -0.72 -3.46	36.20 -1.29 -0.61	32.64 -1.11 0.00	27.46 -1.29 0.00	27.45 -1.51 0.00	26.14 -1.40 0.00	24.90 -1.42 -0.10	25.71 -1.58 -0.09	24.87 -1.40 -0.42	25.50 -1.43 -0.49	29.06 -1.41 -1.04	34.64 -1.31 -0.58	41.06 -0.92 0.00	46.85 -0.05 0.00	49.62 0.30 0.00	39.90 0.55 0.00	34.41 0.81 0.00	31.20 -0.03 0.00
NEG CENTRAL___SENECA 23627	18.11 -0.39 -2.18	15.59 -0.31 -2.57	15.60 -0.30 -2.26	13.49 -0.25 -2.48	17.46 -0.34 -1.82	21.46 -0.47 -1.71	25.72 -0.47 -2.90	36.65 -0.74 -0.51	33.25 -0.51 0.00	28.15 -0.60 0.00	28.23 -0.72 0.00	26.88 -0.66 0.00	25.62 -0.68 -0.08	26.45 -0.82 -0.07	25.45 -0.75 -0.35	26.06 -0.79 -0.41	29.54 -0.77 -0.87	35.11 -0.74 -0.49	41.40 -0.59 0.00	46.52 -0.38 0.00	49.08 -0.25 0.00	39.47 0.12 0.00	33.68 0.07 0.00	31.01 -0.22 0.00
NEG CENTRAL___STATE_STREET 24147	18.00 -0.15 -1.82	15.36 -0.12 -2.15	15.42 -0.11 -1.89	13.23 -0.10 -2.07	17.37 -0.13 -1.52	21.49 -0.16 -1.42	25.60 -0.12 -2.42	37.08 -0.22 -0.42	33.62 -0.14 0.00	28.58 -0.17 0.00	28.73 -0.23 0.00	27.32 -0.22 0.00	26.05 -0.24 -0.07	26.96 -0.30 -0.06	25.86 -0.28 -0.29	26.47 -0.32 -0.34	29.87 -0.29 -0.73	35.42 -0.35 -0.41	41.69 -0.29 0.00	46.80 -0.09 0.00	49.28 -0.05 0.00	39.31 -0.04 0.00	33.51 -0.10 0.00	31.04 -0.19 0.00
NEG MILLWOOD___DRP 24198	31.17 1.06 -13.78	30.46 0.87 -16.27	28.80 0.86 -14.30	27.67 0.72 -15.69	28.52 1.02 -11.53	32.30 1.29 -10.78	43.13 1.51 -18.32	42.70 2.62 -3.20	36.62 2.87 0.00	31.23 2.47 0.00	31.42 2.46 0.00	29.88 2.34 0.00	29.10 2.36 -0.52	30.05 2.39 -0.46	30.37 2.30 -2.22	31.40 2.38 -2.58	37.63 2.71 -5.49	41.86 3.43 -3.06	45.93 3.95 0.00	51.11 4.22 0.00	53.62 4.29 0.00	42.42 3.07 0.00	36.10 2.49 0.00	33.35 2.12 0.00
NEG NORTH_FLCN_SEA 23793	15.98 -0.34 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.89 -0.37 0.00	15.44 -0.53 0.00	19.74 -0.49 0.00	22.71 -0.58 0.00	35.92 -0.96 0.00	32.57 -1.18 0.00	27.58 -1.18 0.00	0.19 -1.19 27.58	-7.08 -1.24 33.38	-7.16 -1.21 32.17	-7.08 -1.06 33.22	-7.16 -1.11 31.90	-7.22 -1.16 32.49	-7.17 -1.30 35.30	-7.07 -1.41 41.02	40.64 -1.34 0.00	45.77 -1.13 0.00	48.54 -0.79 0.00	39.00 -0.35 0.00	33.51 -0.10 0.00	31.26 0.03 0.00
NEG NORTH_KES_CHATEGAY 23792	15.72 -0.60 0.00	12.73 -0.60 0.00	13.01 -0.63 0.00	10.71 -0.55 0.00	15.19 -0.78 0.00	19.39 -0.83 0.00	22.29 -1.00 0.00	35.22 -1.66 0.00	31.90 -1.86 0.00	27.03 -1.73 0.00	-1.85 -1.74 29.07	-9.38 -1.74 35.18	-9.34 -1.65 33.91	-9.36 -1.55 35.01	-9.27 -1.50 33.62	-9.34 -1.53 34.25	-9.51 -1.74 37.21	-9.88 -2.02 43.23	39.89 -2.10 0.00	44.83 -2.06 0.00	47.50 -1.83 0.00	38.21 -1.14 0.00	32.84 -0.77 0.00	30.64 -0.59 0.00
NEG NORTH___ALICE_FALLS 23915	15.98 -0.34 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.89 -0.37 0.00	15.44 -0.53 0.00	19.76 -0.47 0.00	22.73 -0.56 0.00	35.96 -0.92 0.00	32.57 -1.18 0.00	27.58 -1.18 0.00	0.01 -1.13 27.82	-7.28 -1.16 33.67	-7.36 -1.13 32.45	-7.28 -0.98 33.50	-7.33 -1.01 32.17	-7.39 -1.06 32.77	-7.35 -1.18 35.61	-7.24 -1.24 41.37	40.72 -1.26 0.00	45.81 -1.08 0.00	48.64 -0.69 0.00	39.04 -0.31 0.00	33.54 -0.07 0.00	31.26 0.03 0.00
NEG NORTH___LWR_SARANAC 23913	15.98 -0.34 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.89 -0.37 0.00	15.44 -0.53 0.00	19.76 -0.47 0.00	22.73 -0.56 0.00	35.96 -0.92 0.00	32.57 -1.18 0.00	27.58 -1.18 0.00	0.01 -1.13 27.82	-7.28 -1.16 33.67	-7.36 -1.13 32.45	-7.28 -0.98 33.50	-7.33 -1.01 32.17	-7.39 -1.06 32.77	-7.35 -1.18 35.61	-7.24 -1.24 41.37	40.72 -1.26 0.00	45.81 -1.08 0.00	48.64 -0.69 0.00	39.04 -0.31 0.00	33.54 -0.07 0.00	31.26 0.03 0.00
NEG NORTH___PLATTSBURG 23628	15.98 -0.34 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.89 -0.37 0.00	15.44 -0.53 0.00	19.76 -0.46 0.00	22.73 -0.56 0.00	35.96 -0.92 0.00	32.57 -1.18 0.00	27.58 -1.18 0.00	0.01 -1.13 27.82	-7.28 -1.16 33.67	-7.33 -1.10 32.45	-7.28 -0.98 33.50	-7.33 -1.01 32.17	-7.39 -1.06 32.77	-7.35 -1.18 35.61	-7.24 -1.24 41.37	40.73 -1.26 0.00	45.82 -1.08 0.00	48.64 -0.69 0.00	39.04 -0.32 0.00	33.51 -0.10 0.00	31.26 0.03 0.00
NEG WEST_LEA_LOCKPORT 23791	17.06 -1.58 -2.32	14.89 -1.17 -2.74	14.79 -1.25 -2.41	12.88 -1.02 -2.64	16.46 -1.45 -1.94	20.04 -2.00 -1.82	24.05 -2.33 -3.09	33.73 -3.69 -0.54	30.99 -2.77 0.00	26.31 -2.44 0.00	26.35 -2.61 0.00	25.14 -2.40 0.00	24.03 -2.28 -0.09	24.75 -2.53 -0.08	23.98 -2.25 -0.38	24.50 -2.38 -0.43	27.80 -2.56 -0.93	32.98 -2.90 -0.52	38.58 -3.40 0.00	43.61 -3.28 0.00	46.07 -3.26 0.00	37.39 -1.97 0.00	32.13 -1.48 0.00	29.36 -1.87 0.00
NEG WEST___LANCASTER 23811	17.18 -1.76 -2.62	15.07 -1.35 -3.09	14.95 -1.40 -2.72	13.10 -1.15 -2.98	16.52 -1.64 -2.19	20.03 -2.24 -2.05	24.17 -2.61 -3.49	33.25 -4.24 -0.61	31.49 -2.26 0.00	26.63 -2.13 0.00	26.67 -2.29 0.00	25.45 -2.09 0.00	23.62 -2.70 -0.10	24.35 -2.94 -0.09	23.62 -2.66 -0.43	24.14 -2.80 -0.50	27.52 -2.97 -1.06	32.56 -3.40 -0.59	39.09 -2.90 0.00	44.13 -2.77 0.00	46.66 -2.66 0.00	37.74 -1.61 0.00	32.36 -1.24 0.00	29.76 -1.47 0.00
NEG_PENN_ALLEGHNY 23528	20.68 -0.10 -4.45	18.50 -0.08 -5.25	18.19 -0.07 -4.62	16.27 -0.06 -5.07	19.62 -0.08 -3.72	23.57 -0.14 -3.48	29.07 -0.14 -5.92	37.70 -0.22 -1.03	33.89 0.14 0.00	28.79 0.03 0.00	28.93 -0.03 0.00	27.54 0.00 0.00	26.28 -0.10 -0.17	27.18 -0.16 -0.15	26.42 -0.15 -0.72	27.12 -0.16 -0.84	31.10 -0.12 -1.78	36.25 -0.11 -0.99	42.07 0.08 0.00	47.18 0.28 0.00	49.67 0.35 0.00	39.63 0.28 0.00	33.91 0.30 0.00	31.32 0.09 0.00
NEG___GEN_MONROE 24207	17.41 -0.91 -2.00	15.01 -0.68 -2.36	14.99 -0.72 -2.07	12.94 -0.60 -2.28	16.84 -0.80 -1.67	20.65 -1.13 -1.56	24.69 -1.26 -2.66	35.36 -1.99 -0.46	32.13 -1.62 0.00	27.32 -1.44 0.00	27.39 -1.56 0.00	26.08 -1.46 0.00	24.96 -1.34 -0.08	25.77 -1.50 -0.07	24.83 -1.34 -0.32	25.39 -1.43 -0.37	28.70 -1.53 -0.80	34.08 -1.73 -0.44	39.93 -2.06 0.00	45.16 -1.74 0.00	47.70 -1.63 0.00	38.53 -0.83 0.00	32.94 -0.67 0.00	30.20 -1.03 0.00

NEPA__ENERGY 23901	17.77 -1.21 -2.65	15.57 -0.89 -3.13	15.45 -0.94 -2.75	13.53 -0.75 -3.02	17.11 -1.09 -2.22	20.74 -1.56 -2.08	25.01 -1.82 -3.53	34.66 -2.84 -0.62	32.24 -1.52 0.00	27.23 -1.52 0.00	27.25 -1.71 0.00	26.00 -1.54 0.00	24.59 -1.73 -0.10	25.33 -1.96 -0.09	24.55 -1.73 -0.43	25.14 -1.80 -0.50	28.62 -1.88 -1.07	33.95 -2.02 -0.60	40.05 -1.93 0.00	45.16 -1.74 0.00	47.75 -1.58 0.00	38.61 -0.75 0.00	33.14 -0.47 0.00	30.45 -0.78 0.00
NEVERSINK__HYD 23608	29.57 0.90 -12.35	28.65 0.75 -14.58	27.19 0.74 -12.81	25.95 0.62 -14.07	27.19 0.88 -10.34	31.00 1.11 -9.67	41.03 1.30 -16.43	42.00 2.25 -2.87	36.15 2.40 0.00	30.74 1.98 0.00	30.90 1.94 0.00	29.39 1.85 0.00	28.49 1.81 -0.46	29.48 1.88 -0.41	29.64 1.81 -1.98	30.65 1.90 -2.30	36.48 2.15 -4.90	40.86 2.76 -2.74	45.26 3.28 0.00	50.55 3.66 0.00	53.03 3.70 0.00	41.95 2.60 0.00	35.73 2.12 0.00	33.04 1.81 0.00
NEWKRMKL_115KV_TB1 55635	33.49 0.46 -16.71	33.43 0.37 -19.73	31.36 0.38 -17.34	30.61 0.33 -19.03	30.40 0.45 -13.98	33.88 0.59 -13.07	46.16 0.65 -22.22	41.72 0.96 -3.88	34.60 0.84 0.00	29.50 0.75 0.00	29.71 0.75 0.00	28.28 0.74 0.00	27.56 0.71 -0.63	28.46 0.71 -0.56	29.20 0.65 -2.71	30.24 0.66 -3.14	36.95 0.82 -6.69	40.16 1.06 -3.73	43.16 1.18 0.00	48.16 1.27 0.00	50.61 1.28 0.00	40.30 0.94 0.00	34.35 0.74 0.00	31.95 0.72 0.00
NEWTON__FALLS_HYD 23847	16.25 -0.49 -0.41	13.37 -0.44 -0.49	13.60 -0.46 -0.43	11.34 -0.38 -0.47	15.77 -0.54 -0.34	19.96 -0.59 -0.32	23.16 -0.68 -0.55	35.76 -1.22 -0.10	32.37 -1.38 0.00	27.43 -1.32 0.00	31.10 -1.30 -3.44	30.33 -1.38 -4.17	28.89 -1.36 -4.03	30.03 -1.33 -4.16	28.58 -1.32 -4.05	29.28 -1.30 -4.13	32.54 -1.47 -4.57	39.02 -1.56 -5.21	40.43 -1.55 0.00	45.35 -1.55 0.00	47.85 -1.48 0.00	38.41 -0.94 0.00	33.04 -0.57 0.00	30.85 -0.37 0.00
NGRID_A1_DSASP 323792	17.00 -1.67 -2.35	14.84 -1.25 -2.77	14.76 -1.31 -2.43	12.85 -1.08 -2.67	16.40 -1.53 -1.96	19.88 -2.18 -1.84	23.85 -2.56 -3.12	33.37 -4.06 -0.55	30.65 -3.10 0.00	26.08 -2.67 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.84 -2.47 -0.09	24.56 -2.72 -0.08	23.82 -2.40 -0.38	24.32 -2.56 -0.44	27.60 -2.77 -0.94	32.67 -3.22 -0.52	38.12 -3.86 0.00	43.00 -3.89 0.00	45.38 -3.95 0.00	36.83 -2.52 0.00	32.20 -1.41 0.00	28.98 -2.25 0.00
NGRID_A2_DSASP 323793	17.00 -1.67 -2.35	14.84 -1.25 -2.77	14.76 -1.31 -2.43	12.85 -1.08 -2.67	16.40 -1.53 -1.96	19.88 -2.18 -1.84	23.85 -2.56 -3.12	33.37 -4.06 -0.55	30.65 -3.10 0.00	26.08 -2.67 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.84 -2.47 -0.09	24.56 -2.72 -0.08	23.82 -2.40 -0.38	24.32 -2.56 -0.44	27.60 -2.77 -0.94	32.67 -3.22 -0.52	38.12 -3.86 0.00	43.00 -3.89 0.00	45.38 -3.95 0.00	36.83 -2.52 0.00	32.20 -1.41 0.00	28.98 -2.25 0.00
NGRID_A4_DSASP 323807	17.00 -1.67 -2.35	14.84 -1.25 -2.77	14.76 -1.31 -2.43	12.85 -1.08 -2.67	16.40 -1.53 -1.96	19.88 -2.18 -1.84	23.85 -2.56 -3.12	33.37 -4.06 -0.55	30.65 -3.10 0.00	26.08 -2.67 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.84 -2.47 -0.09	24.56 -2.72 -0.08	23.82 -2.40 -0.38	24.32 -2.56 -0.44	27.60 -2.77 -0.94	32.67 -3.22 -0.52	38.12 -3.86 0.00	43.00 -3.89 0.00	45.38 -3.95 0.00	36.83 -2.52 0.00	32.20 -1.41 0.00	28.98 -2.25 0.00
NIAGARA_115E_LBMP 323715	16.86 -1.81 -2.35	14.74 -1.36 -2.77	14.64 -1.43 -2.44	12.75 -1.18 -2.68	16.26 -1.68 -1.97	19.76 -2.31 -1.84	23.71 -2.70 -3.12	33.19 -4.24 -0.55	30.55 -3.21 0.00	25.94 -2.82 0.00	25.94 -3.01 0.00	24.79 -2.75 0.00	23.66 -2.65 -0.09	24.39 -2.88 -0.08	23.67 -2.56 -0.38	24.16 -2.72 -0.44	27.43 -2.94 -0.94	32.46 -3.43 -0.52	37.95 -4.03 0.00	42.86 -4.03 0.00	45.23 -4.09 0.00	36.72 -2.64 0.00	32.06 -1.55 0.00	28.85 -2.37 0.00
NIAGARA_115W_LBMP 323714	16.97 -1.70 -2.34	14.81 -1.28 -2.76	14.72 -1.35 -2.43	12.82 -1.10 -2.67	16.37 -1.56 -1.96	19.81 -2.25 -1.83	23.77 -2.63 -3.12	33.26 -4.17 -0.54	30.58 -3.17 0.00	26.00 -2.76 0.00	26.03 -2.92 0.00	24.84 -2.70 0.00	23.77 -2.54 -0.09	24.50 -2.77 -0.08	23.77 -2.46 -0.38	24.26 -2.62 -0.44	27.51 -2.85 -0.93	32.56 -3.33 -0.52	37.99 -3.99 0.00	42.86 -4.03 0.00	45.23 -4.09 0.00	36.72 -2.64 0.00	32.06 -1.55 0.00	28.89 -2.34 0.00
NIAGARA_230_LBMP 323716	17.04 -1.60 -2.32	14.88 -1.19 -2.74	14.79 -1.25 -2.41	12.86 -1.04 -2.64	16.44 -1.47 -1.94	20.00 -2.04 -1.81	24.00 -2.38 -3.08	33.62 -3.80 -0.54	30.92 -2.84 0.00	26.28 -2.47 0.00	26.32 -2.63 0.00	25.12 -2.42 0.00	24.00 -2.31 -0.09	24.75 -2.53 -0.08	24.00 -2.22 -0.37	24.50 -2.38 -0.43	27.77 -2.59 -0.92	32.88 -3.01 -0.52	38.42 -3.57 0.00	43.33 -3.57 0.00	45.73 -3.60 0.00	37.07 -2.28 0.00	32.37 -1.24 0.00	29.17 -2.06 0.00
NIAGARA__115KV_198_GIBSON 55903	16.97 -1.70 -2.34	14.81 -1.28 -2.76	14.72 -1.35 -2.43	12.82 -1.10 -2.67	16.37 -1.57 -1.96	19.81 -2.24 -1.83	23.80 -2.61 -3.12	33.26 -4.17 -0.54	30.55 -3.21 0.00	26.00 -2.76 0.00	26.03 -2.92 0.00	24.84 -2.70 0.00	23.79 -2.52 -0.09	24.50 -2.77 -0.08	23.75 -2.48 -0.38	24.24 -2.64 -0.44	27.51 -2.86 -0.93	32.56 -3.32 -0.52	37.95 -4.03 0.00	42.81 -4.08 0.00	45.23 -4.09 0.00	36.72 -2.64 0.00	31.59 -2.02 0.00	28.89 -2.34 0.00
NIAGARA____ 23760	17.07 -1.60 -2.35	14.91 -1.19 -2.77	14.82 -1.25 -2.43	12.90 -1.04 -2.67	16.47 -1.47 -1.96	20.02 -2.04 -1.84	24.03 -2.38 -3.11	33.63 -3.80 -0.54	30.92 -2.84 0.00	26.28 -2.47 0.00	26.32 -2.63 0.00	25.12 -2.42 0.00	24.00 -2.31 -0.09	24.75 -2.53 -0.08	24.00 -2.22 -0.38	24.50 -2.38 -0.44	27.77 -2.59 -0.93	32.88 -3.01 -0.52	38.42 -3.57 0.00	43.33 -3.57 0.00	45.73 -3.60 0.00	37.07 -2.28 0.00	32.37 -1.24 0.00	29.17 -2.06 0.00
NINE_MILE_1 23575	16.69 -0.47 -0.84	13.93 -0.39 -0.99	14.13 -0.38 -0.87	11.90 -0.32 -0.96	16.23 -0.45 -0.70	20.32 -0.57 -0.66	23.76 -0.65 -1.12	35.94 -1.14 -0.20	32.71 -1.05 0.00	27.86 -0.89 0.00	28.03 -0.93 0.00	26.69 -0.85 0.00	25.44 -0.81 -0.03	26.35 -0.87 -0.03	25.16 -0.83 -0.14	25.75 -0.85 -0.16	28.83 -0.94 -0.34	34.28 -1.27 -0.19	40.43 -1.55 0.00	45.25 -1.64 0.00	47.60 -1.73 0.00	37.98 -1.38 0.00	32.50 -1.11 0.00	30.20 -1.03 0.00
NINE_MILE_2 23744	16.69 -0.47 -0.84	13.93 -0.39 -0.99	14.13 -0.38 -0.87	11.90 -0.32 -0.96	16.23 -0.45 -0.70	20.32 -0.57 -0.66	23.76 -0.65 -1.12	35.93 -1.14 -0.20	32.71 -1.05 0.00	27.86 -0.89 0.00	28.03 -0.93 0.00	26.69 -0.85 0.00	25.44 -0.81 -0.03	26.35 -0.87 -0.03	25.16 -0.83 -0.14	25.75 -0.85 -0.16	28.83 -0.94 -0.34	34.28 -1.27 -0.19	40.43 -1.55 0.00	45.25 -1.64 0.00	47.60 -1.73 0.00	37.98 -1.38 0.00	32.50 -1.11 0.00	30.20 -1.03 0.00
NM_CAPITAL__DRP 24208	33.51 0.52 -16.67	33.43 0.43 -19.68	31.38 0.45 -17.29	30.61 0.37 -18.98	30.44 0.53 -13.95	33.93 0.67 -13.04	46.20 0.75 -22.16	41.94 1.18 -3.87	34.73 0.98 0.00	29.62 0.86 0.00	29.83 0.87 0.00	28.39 0.85 0.00	27.66 0.81 -0.63	28.57 0.82 -0.56	29.33 0.78 -2.71	30.35 0.77 -3.14	37.00 0.88 -6.68	40.30 1.20 -3.73	43.33 1.34 0.00	48.30 1.41 0.00	50.76 1.43 0.00	40.42 1.06 0.00	34.45 0.84 0.00	32.01 0.78 0.00

NM_CENTRAL___DRP 24181	17.37 -0.18 -1.23	14.62 -0.16 -1.45	14.76 -0.15 -1.27	12.53 -0.12 -1.40	16.82 -0.18 -1.03	20.96 -0.22 -0.96	24.72 -0.21 -1.63	36.76 -0.41 -0.29	33.42 -0.34 0.00	28.47 -0.29 0.00	28.64 -0.32 0.00	27.24 -0.30 0.00	25.98 -0.29 -0.05	26.88 -0.35 -0.04	25.71 -0.34 -0.20	26.33 -0.34 -0.23	29.57 -0.35 -0.49	35.11 -0.53 -0.27	41.35 -0.63 0.00	46.33 -0.56 0.00	48.73 -0.59 0.00	38.84 -0.51 0.00	33.17 -0.44 0.00	30.79 -0.44 0.00
NM_FRONTIER___DRP 24179	16.97 -1.70 -2.34	14.81 -1.28 -2.76	14.72 -1.35 -2.43	12.82 -1.10 -2.67	16.37 -1.57 -1.96	19.81 -2.24 -1.83	23.80 -2.61 -3.12	33.26 -4.17 -0.54	30.55 -3.21 0.00	26.00 -2.76 0.00	26.03 -2.92 0.00	24.84 -2.70 0.00	23.79 -2.52 -0.09	24.50 -2.77 -0.08	23.75 -2.48 -0.38	24.24 -2.64 -0.44	27.51 -2.86 -0.93	32.56 -3.32 -0.52	37.95 -4.03 0.00	42.81 -4.08 0.00	45.23 -4.09 0.00	36.72 -2.64 0.00	31.59 -2.02 0.00	28.89 -2.34 0.00
NM_ST_REGIS___HYD 24053	15.91 -0.65 -0.24	12.99 -0.61 -0.28	13.26 -0.63 -0.24	11.00 -0.53 -0.27	15.40 -0.77 -0.20	19.60 -0.81 -0.18	22.60 -1.00 -0.31	35.20 -1.73 -0.05	31.83 -1.92 0.00	27.00 -1.75 0.00	35.07 -1.71 -7.82	35.24 -1.76 -9.46	33.64 -1.70 -9.13	35.04 -1.58 -9.42	33.35 -1.58 -9.08	34.11 -1.59 -9.25	37.68 -1.85 -10.10	44.96 -2.09 -11.68	39.84 -2.14 0.00	44.50 -2.39 0.00	47.06 -2.27 0.00	38.02 -1.34 0.00	32.80 -0.81 0.00	30.60 -0.62 0.00
NORTHPORT___1 23551	31.29 1.24 -13.73	30.44 0.91 -16.21	28.72 0.83 -14.25	27.61 0.73 -15.62	28.54 1.09 -11.48	32.72 1.76 -10.73	43.61 2.07 -18.24	44.13 4.06 -3.19	37.30 3.54 0.00	32.30 3.48 -0.06	32.11 3.16 0.00	30.81 3.11 -0.15	29.88 2.94 -0.72	30.92 3.10 -0.62	31.15 3.00 -2.30	32.32 3.15 -2.73	38.47 3.56 -5.47	43.39 4.35 -3.68	47.11 5.12 -0.01	52.29 5.39 -0.01	54.62 5.28 -0.01	43.49 4.13 -0.01	36.84 3.23 0.00	33.94 2.72 0.00
NORTHPORT___2 23552	31.29 1.24 -13.73	30.44 0.91 -16.21	28.72 0.83 -14.25	27.61 0.73 -15.62	28.54 1.09 -11.48	32.72 1.76 -10.73	43.61 2.07 -18.24	44.13 4.06 -3.19	37.30 3.54 0.00	32.30 3.48 -0.06	32.11 3.16 0.00	30.81 3.11 -0.15	29.88 2.94 -0.72	30.92 3.10 -0.62	31.15 3.00 -2.30	32.32 3.15 -2.73	38.47 3.56 -5.47	43.39 4.35 -3.68	47.11 5.12 -0.01	52.29 5.39 -0.01	54.62 5.28 -0.01	43.49 4.13 -0.01	36.84 3.23 0.00	33.94 2.72 0.00
NORTHPORT___3 23553	31.21 1.16 -13.73	30.39 0.85 -16.21	28.66 0.78 -14.25	27.56 0.68 -15.62	28.44 0.99 -11.48	32.49 1.54 -10.73	43.37 1.84 -18.24	43.65 3.58 -3.19	37.06 3.31 0.00	32.07 3.25 -0.06	31.99 3.04 0.00	30.65 2.95 -0.16	29.78 2.83 -0.73	30.79 2.96 -0.63	31.00 2.84 -2.30	32.11 2.93 -2.73	38.20 3.30 -5.47	42.67 3.61 -3.69	46.23 4.24 -0.01	51.31 4.41 -0.01	53.68 4.34 -0.01	42.67 3.31 -0.01	36.60 2.99 0.00	33.73 2.50 0.00
NORTHPORT___4 23650	31.21 1.16 -13.73	30.39 0.85 -16.21	28.66 0.78 -14.25	27.56 0.68 -15.62	28.44 0.99 -11.48	32.49 1.54 -10.73	43.37 1.84 -18.24	43.65 3.58 -3.19	37.06 3.31 0.00	32.07 3.25 -0.06	31.99 3.04 0.00	30.65 2.95 -0.16	29.78 2.83 -0.73	30.79 2.96 -0.63	31.00 2.84 -2.30	32.11 2.93 -2.73	38.20 3.30 -5.47	42.67 3.61 -3.69	46.23 4.24 -0.01	51.31 4.41 -0.01	53.68 4.34 -0.01	42.67 3.31 -0.01	36.60 2.99 0.00	33.73 2.50 0.00
NORTHPORT___IC 23718	31.29 1.24 -13.73	30.44 0.91 -16.21	28.72 0.83 -14.25	27.61 0.73 -15.62	28.54 1.09 -11.48	32.72 1.76 -10.73	43.61 2.07 -18.24	44.02 3.95 -3.19	37.30 3.54 0.00	32.30 3.48 -0.06	32.11 3.16 0.00	30.81 3.11 -0.15	29.88 2.94 -0.72	30.92 3.10 -0.62	31.17 3.02 -2.30	32.32 3.15 -2.73	38.47 3.56 -5.47	43.39 4.35 -3.68	47.03 5.04 -0.01	52.30 5.39 -0.01	54.61 5.28 -0.01	43.49 4.13 -0.01	37.10 3.50 0.00	33.95 2.72 0.00
NORTH___COUNTRY_ESR 323785	15.67 -0.65 0.00	12.69 -0.64 0.00	12.98 -0.65 0.00	10.68 -0.57 0.00	15.16 -0.81 0.00	19.33 -0.89 0.00	22.22 -1.07 0.00	35.15 -1.73 0.00	31.86 -1.89 0.00	27.00 -1.76 0.00	-1.91 -1.77 29.10	-9.44 -1.76 35.22	-9.38 -1.65 33.95	-9.43 -1.58 35.05	-9.36 -1.55 33.66	-9.43 -1.59 34.29	-9.61 -1.80 37.25	-10.00 -2.09 43.28	39.76 -2.23 0.00	44.69 -2.20 0.00	47.35 -1.97 0.00	38.09 -1.26 0.00	32.73 -0.87 0.00	30.54 -0.69 0.00
NPX_GEN_1385_PROXY 323591	31.29 1.24 -13.73	30.44 0.91 -16.21	28.72 0.83 -14.25	27.61 0.73 -15.62	28.65 1.20 -11.48	32.96 2.00 -10.73	43.93 2.40 -18.24	44.79 4.72 -3.19	37.60 3.85 0.00	32.53 3.71 -0.06	32.14 3.19 0.00	30.81 3.11 -0.15	29.90 2.96 -0.72	30.84 3.02 -0.62	31.04 2.89 -2.30	32.42 3.25 -2.73	38.61 3.71 -5.47	43.64 4.60 -3.68	48.44 5.50 -0.96	52.48 5.58 -0.01	54.42 5.08 -0.01	43.65 4.29 -0.01	36.84 3.23 0.00	33.94 2.72 0.00
NPX_GEN_CSC 323557	31.05 1.00 -13.73	30.18 0.64 -16.21	28.43 0.55 -14.25	27.42 0.54 -15.62	28.22 0.77 -11.48	32.80 1.84 -10.73	43.56 2.03 -18.24	44.42 4.35 -3.19	36.93 3.17 0.00	31.93 3.11 -0.06	31.50 2.55 0.00	30.40 2.70 -0.16	29.28 2.33 -0.73	30.82 2.99 -0.63	31.02 2.87 -2.30	32.22 3.04 -2.74	38.67 3.77 -5.47	43.87 4.81 -3.70	47.75 5.75 -0.01	52.53 5.62 -0.01	54.62 5.28 -0.01	44.08 4.72 -0.01	36.53 2.92 0.00	33.92 2.69 0.00
NSINS_S___GLNS_FALLS 23858	34.33 0.91 -17.09	34.24 0.73 -20.18	32.14 0.76 -17.74	31.37 0.64 -19.47	31.19 0.91 -14.31	34.79 1.19 -13.38	47.52 1.49 -22.73	43.33 2.47 -3.97	36.08 2.33 0.00	30.77 2.01 0.00	30.93 1.97 0.00	29.41 1.87 0.00	28.54 1.68 -0.64	29.45 1.69 -0.57	30.14 1.53 -2.77	31.19 1.53 -3.21	37.89 1.62 -6.84	41.34 2.16 -3.82	44.88 2.90 0.00	50.22 3.33 0.00	52.93 3.60 0.00	42.03 2.68 0.00	35.63 2.02 0.00	33.10 1.87 0.00
NUCOR_STEEL___DRP 24197	17.98 -0.08 -1.74	15.30 -0.08 -2.05	15.39 -0.05 -1.80	13.18 -0.06 -1.98	17.34 -0.08 -1.45	21.48 -0.10 -1.36	25.53 -0.07 -2.31	37.14 -0.15 -0.40	33.65 -0.10 0.00	28.61 -0.14 0.00	28.75 -0.20 0.00	27.35 -0.19 0.00	26.08 -0.21 -0.07	26.98 -0.27 -0.06	25.87 -0.26 -0.28	26.48 -0.29 -0.33	29.86 -0.26 -0.69	35.44 -0.32 -0.39	41.69 -0.29 0.00	46.80 -0.09 0.00	49.28 -0.05 0.00	39.31 -0.04 0.00	33.54 -0.07 0.00	31.10 -0.12 0.00
NUMBER_THREE_WT_PWR 323818	16.68 -0.18 -0.53	13.81 -0.15 -0.63	14.00 -0.19 -0.56	11.73 -0.13 -0.61	16.23 -0.19 -0.45	20.48 -0.16 -0.42	23.89 -0.12 -0.71	36.71 -0.30 -0.12	33.28 -0.47 0.00	28.12 -0.63 0.00	29.85 -0.61 -1.50	28.67 -0.69 -1.82	27.23 -0.76 -1.77	28.27 -0.76 -1.83	26.90 -0.77 -1.83	27.60 -0.71 -1.87	30.81 -0.77 -2.14	37.05 -0.67 -2.36	41.48 -0.50 0.00	46.66 -0.23 0.00	49.18 -0.15 0.00	39.28 -0.08 0.00	33.57 -0.03 0.00	31.51 0.28 0.00
NYISO_LBMP_REFERENCE 24008	16.32 0.00 0.00	13.33 0.00 0.00	13.64 0.00 0.00	11.26 0.00 0.00	15.97 0.00 0.00	20.22 0.00 0.00	23.29 0.00 0.00	36.88 0.00 0.00	33.75 0.00 0.00	28.76 0.00 0.00	28.96 0.00 0.00	27.54 0.00 0.00	26.22 0.00 0.00	27.20 0.00 0.00	25.85 0.00 0.00	26.44 0.00 0.00	29.43 0.00 0.00	35.37 0.00 0.00	41.98 0.00 0.00	46.89 0.00 0.00	49.33 0.00 0.00	39.35 0.00 0.00	33.61 0.00 0.00	31.23 0.00 0.00

NYPA_BRENTWD____GT 24164	31.41 1.35 -13.73	30.52 0.99 -16.21	28.79 0.90 -14.25	27.68 0.80 -15.62	28.62 1.17 -11.48	32.84 1.88 -10.73	43.77 2.24 -18.24	44.38 4.31 -3.19	37.57 3.81 0.00	32.47 3.65 -0.06	32.31 3.36 0.00	30.98 3.28 -0.17	30.05 3.09 -0.74	31.15 3.32 -0.63	31.33 3.18 -2.31	32.52 3.33 -2.74	38.73 3.82 -5.47	43.79 4.70 -3.72	47.58 5.58 -0.01	52.81 5.91 -0.01	55.20 5.87 -0.01	43.93 4.56 -0.01	37.14 3.53 0.00	34.20 2.97 0.00
NYPA_GOWANUS____GT5 24156	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NYPA_GOWANUS____GT6 24157	31.46 1.40 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.03 2.89 -3.60	34.23 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.35 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 -0.01	36.84 3.23 -0.01	34.08 2.84 -0.01
NYPA_HARLEM__RVR__GT1 24160	31.32 1.26 -13.74	30.58 1.04 -16.21	28.91 1.02 -14.25	27.72 0.83 -15.63	28.65 1.20 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.97 3.21 -0.01	34.56 2.90 -2.90	32.04 2.92 -0.16	35.84 2.81 -5.49	36.64 2.70 -7.71	35.80 2.83 -5.78	34.06 2.71 -5.49	37.12 2.80 -7.88	38.12 3.18 -5.51	43.37 3.86 -4.15	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.93 3.58 0.00	36.47 2.86 -0.01	33.70 2.47 -0.01
NYPA_HARLEM__RVR__GT2 24161	31.32 1.26 -13.74	30.58 1.04 -16.21	28.91 1.02 -14.25	27.72 0.83 -15.63	28.65 1.20 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.97 3.21 -0.01	34.56 2.90 -2.90	32.04 2.92 -0.16	35.84 2.81 -5.49	36.64 2.70 -7.71	35.80 2.83 -5.78	34.06 2.71 -5.49	37.12 2.80 -7.88	38.12 3.18 -5.51	43.37 3.86 -4.15	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.93 3.58 0.00	36.47 2.86 -0.01	33.70 2.47 -0.01
NYPA_KENT____GT 24152	31.41 1.35 -13.74	30.65 1.11 -16.21	29.00 1.10 -14.25	27.80 0.91 -15.63	28.75 1.29 -11.49	32.58 1.62 -10.74	43.37 1.84 -18.24	43.32 3.25 -3.19	37.32 3.54 -0.02	33.63 2.96 -1.91	32.06 2.98 -0.12	34.01 2.86 -3.60	34.23 2.78 -5.24	34.06 2.91 -3.95	33.01 2.79 -4.37	35.38 2.88 -6.05	38.23 3.30 -5.50	43.33 4.03 -3.93	46.79 4.78 -0.02	51.99 5.07 -0.03	54.47 5.13 -0.01	43.18 3.82 -0.01	36.71 3.09 -0.01	33.95 2.72 -0.01
NYPA_POUCH1____GT 24155	31.45 1.39 -13.74	30.67 1.13 -16.21	29.02 1.13 -14.25	27.82 0.93 -15.63	28.78 1.32 -11.49	32.62 1.66 -10.74	43.35 1.82 -18.24	43.32 3.25 -3.19	37.35 3.58 -0.02	33.52 2.85 -1.91	31.92 2.84 -0.12	33.90 2.75 -3.60	34.10 2.65 -5.24	33.95 2.80 -3.95	32.91 2.69 -4.37	35.27 2.78 -6.05	38.15 3.21 -5.50	43.23 3.93 -3.93	46.75 4.74 -0.02	51.97 5.07 -0.01	54.46 5.13 -0.01	43.22 3.86 -0.01	36.74 3.13 -0.01	34.02 2.78 -0.01
NYPA_VERNON____GT2 24162	31.36 1.31 -13.74	30.61 1.07 -16.21	28.96 1.06 -14.25	27.75 0.87 -15.63	28.70 1.25 -11.49	32.50 1.54 -10.74	43.30 1.77 -18.24	43.20 3.13 -3.19	37.18 3.41 -0.02	33.63 2.96 -1.91	32.03 2.96 -0.12	34.01 2.86 -3.60	34.21 2.75 -5.24	34.03 2.88 -3.95	32.99 2.77 -4.37	35.35 2.86 -6.05	38.15 3.21 -5.50	43.23 3.93 -3.93	46.58 4.58 -0.02	51.78 4.88 -0.01	54.26 4.93 0.00	43.01 3.66 0.00	36.54 2.92 -0.01	33.83 2.59 -0.01
NYPA_VERNON____GT3 24163	31.36 1.31 -13.74	30.61 1.07 -16.21	28.96 1.06 -14.25	27.75 0.87 -15.63	28.70 1.25 -11.49	32.50 1.54 -10.74	43.30 1.77 -18.24	43.20 3.13 -3.19	37.18 3.41 -0.02	33.63 2.96 -1.91	32.03 2.96 -0.12	34.01 2.86 -3.60	34.21 2.75 -5.24	34.03 2.88 -3.95	32.99 2.77 -4.37	35.35 2.86 -6.05	38.15 3.21 -5.50	43.23 3.93 -3.93	46.58 4.58 -0.02	51.78 4.88 -0.01	54.26 4.93 0.00	43.01 3.66 0.00	36.54 2.92 -0.01	33.83 2.59 -0.01
NYPA__ASTORIA_CC1 323568	31.35 1.29 -13.74	30.59 1.05 -16.21	28.94 1.05 -14.25	27.75 0.87 -15.63	28.69 1.23 -11.49	32.50 1.54 -10.74	43.28 1.75 -18.24	43.17 3.10 -3.19	37.15 3.38 -0.02	33.57 2.90 -1.91	32.00 2.92 -0.12	33.95 2.81 -3.60	34.18 2.73 -5.24	34.00 2.85 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.19 3.89 -3.93	46.54 4.54 -0.02	51.69 4.79 -0.01	54.16 4.84 0.00	42.97 3.62 0.00	36.51 2.89 -0.01	33.80 2.56 -0.01
NYPA__ASTORIA_CC2 323569	31.35 1.29 -13.74	30.59 1.05 -16.21	28.94 1.05 -14.25	27.75 0.87 -15.63	28.69 1.23 -11.49	32.50 1.54 -10.74	43.28 1.75 -18.24	43.17 3.10 -3.19	37.15 3.38 -0.02	33.57 2.90 -1.91	32.00 2.92 -0.12	33.95 2.81 -3.60	34.18 2.73 -5.24	34.00 2.85 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.19 3.89 -3.93	46.54 4.54 -0.02	51.69 4.79 -0.01	54.16 4.84 0.00	42.97 3.62 0.00	36.51 2.89 -0.01	33.80 2.56 -0.01
NYPA__HOLTSVILL 23794	31.28 1.22 -13.73	30.40 0.87 -16.21	28.66 0.78 -14.25	27.58 0.70 -15.62	28.47 1.02 -11.48	32.72 1.76 -10.73	43.61 2.07 -18.24	44.20 4.13 -3.19	37.26 3.51 0.00	32.24 3.42 -0.06	32.02 3.07 0.00	30.76 3.06 -0.16	29.81 2.86 -0.73	30.98 3.15 -0.63	31.18 3.02 -2.30	32.35 3.17 -2.74	38.56 3.65 -5.47	43.59 4.53 -3.70	47.37 5.38 -0.01	52.48 5.58 -0.01	54.81 5.47 -0.01	43.73 4.37 -0.01	36.84 3.23 0.00	33.98 2.75 0.00
NYPA__HELLGATE_GT1 24158	31.32 1.26 -13.74	30.58 1.04 -16.21	28.91 1.02 -14.25	27.72 0.83 -15.63	28.65 1.20 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.97 3.21 -0.01	31.88 2.90 -0.22	31.90 2.92 -0.02	30.76 2.81 -0.41	29.97 2.70 -1.04	30.87 2.83 -0.85	31.02 2.71 -2.46	32.20 2.80 -2.96	38.09 3.18 -5.47	42.81 3.86 -3.59	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.93 3.58 0.00	36.47 2.86 -0.01	33.70 2.47 -0.01
NYPA__HELLGATE_GT2 24159	31.32 1.26 -13.74	30.58 1.04 -16.21	28.91 1.02 -14.25	27.72 0.83 -15.63	28.65 1.20 -11.49	32.44 1.48 -10.74	43.23 1.70 -18.24	43.06 2.99 -3.19	36.97 3.21 -0.01	31.88 2.90 -0.22	31.90 2.92 -0.02	30.76 2.81 -0.41	29.97 2.70 -1.04	30.87 2.83 -0.85	31.02 2.71 -2.46	32.20 2.80 -2.96	38.09 3.18 -5.47	42.81 3.86 -3.59	46.36 4.37 -0.01	51.59 4.69 -0.01	54.06 4.74 0.00	42.93 3.58 0.00	36.47 2.86 -0.01	33.70 2.47 -0.01
NYS_BARGE__HYD 23848	17.04 -1.58 -2.30	14.86 -1.19 -2.72	14.78 -1.25 -2.39	12.86 -1.02 -2.62	16.45 -1.45 -1.93	20.02 -2.00 -1.80	24.01 -2.35 -3.07	33.73 -3.69 -0.54	31.02 -2.73 0.00	26.31 -2.44 0.00	26.35 -2.61 0.00	25.14 -2.40 0.00	24.00 -2.31 -0.09	24.75 -2.53 -0.08	23.97 -2.25 -0.37	24.49 -2.38 -0.43	27.79 -2.56 -0.92	32.98 -2.90 -0.51	38.62 -3.36 0.00	43.61 -3.28 0.00	46.07 -3.26 0.00	37.39 -1.97 0.00	32.63 -0.98 0.00	29.36 -1.87 0.00

OAK ORCHARD___HYD 24046	17.42 -0.88 -1.98	15.03 -0.64 -2.34	15.01 -0.68 -2.06	12.94 -0.57 -2.26	16.86 -0.77 -1.66	20.68 -1.09 -1.55	24.72 -1.21 -2.64	35.42 -1.92 -0.46	32.27 -1.48 0.00	27.46 -1.29 0.00	27.57 -1.39 0.00	26.25 -1.29 0.00	25.14 -1.15 -0.07	25.96 -1.30 -0.07	25.03 -1.14 -0.32	25.57 -1.24 -0.37	28.87 -1.35 -0.79	34.29 -1.52 -0.44	40.14 -1.85 0.00	45.25 -1.64 0.00	47.70 -1.63 0.00	38.45 -0.90 0.00	33.21 -0.40 0.00	30.14 -1.09 0.00
OAKDALE___35_KV_LOAD 356122	20.63 -0.11 -4.42	18.46 -0.09 -5.22	18.15 -0.08 -4.59	16.23 -0.07 -5.04	19.58 -0.10 -3.70	23.50 -0.18 -3.46	28.99 -0.19 -5.88	37.62 -0.30 -1.03	33.75 0.00 0.00	28.70 -0.06 0.00	28.84 -0.12 0.00	27.46 -0.08 0.00	26.23 -0.16 -0.17	27.10 -0.24 -0.15	26.36 -0.21 -0.72	27.06 -0.21 -0.83	30.99 -0.21 -1.77	36.18 -0.18 -0.99	41.98 0.00 0.00	47.03 0.14 0.00	49.52 0.20 0.00	39.55 0.20 0.00	33.78 0.17 0.00	31.29 0.06 0.00
OCC_CHEM___DRP 24175	17.00 -1.66 -2.35	14.86 -1.24 -2.77	14.75 -1.32 -2.43	12.85 -1.08 -2.67	16.40 -1.53 -1.96	19.88 -2.18 -1.84	23.85 -2.56 -3.12	33.37 -4.06 -0.55	30.62 -3.14 0.00	26.05 -2.70 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.87 -2.44 -0.09	24.56 -2.72 -0.08	23.80 -2.43 -0.38	24.32 -2.56 -0.44	27.60 -2.77 -0.94	32.67 -3.22 -0.52	38.04 -3.95 0.00	42.95 -3.94 0.00	45.38 -3.95 0.00	36.84 -2.52 0.00	31.69 -1.92 0.00	28.98 -2.25 0.00
OH_GEN_PROXY 24063	17.08 -1.57 -2.33	14.90 -1.17 -2.75	14.81 -1.24 -2.41	12.89 -1.01 -2.65	16.48 -1.44 -1.95	20.02 -2.02 -1.82	24.06 -2.33 -3.09	33.70 -3.72 -0.54	31.02 -2.73 0.00	26.37 -2.39 0.00	26.38 -2.58 0.00	25.20 -2.34 0.00	24.08 -2.23 -0.09	24.80 -2.47 -0.08	24.05 -2.17 -0.38	24.55 -2.33 -0.43	27.83 -2.53 -0.93	32.98 -2.90 -0.52	38.54 -3.44 0.00	43.42 -3.47 0.00	45.83 -3.50 0.00	37.15 -2.20 0.00	32.40 -1.21 0.00	29.20 -2.03 0.00
OLIN_CORP_DRP 24177	16.92 -1.76 -2.36	14.78 -1.33 -2.79	14.68 -1.40 -2.45	12.80 -1.15 -2.69	16.32 -1.63 -1.98	19.81 -2.27 -1.85	23.80 -2.63 -3.14	33.30 -4.13 -0.55	30.58 -3.17 0.00	26.00 -2.76 0.00	26.03 -2.92 0.00	24.84 -2.70 0.00	23.77 -2.54 -0.09	24.45 -2.83 -0.08	23.70 -2.53 -0.38	24.21 -2.67 -0.44	27.49 -2.88 -0.94	32.57 -3.32 -0.53	38.00 -3.99 0.00	42.95 -3.94 0.00	45.33 -4.00 0.00	36.84 -2.52 0.00	31.66 -1.95 0.00	28.95 -2.28 0.00
OLIN_CORP_DSASP 323712	17.00 -1.67 -2.35	14.84 -1.25 -2.77	14.76 -1.31 -2.43	12.85 -1.08 -2.67	16.40 -1.53 -1.96	19.88 -2.18 -1.84	23.85 -2.56 -3.12	33.37 -4.06 -0.55	30.65 -3.10 0.00	26.08 -2.67 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.84 -2.47 -0.09	24.56 -2.72 -0.08	23.82 -2.40 -0.38	24.32 -2.56 -0.44	27.60 -2.77 -0.94	32.67 -3.22 -0.52	38.12 -3.86 0.00	43.00 -3.89 0.00	45.38 -3.95 0.00	36.83 -2.52 0.00	32.20 -1.41 0.00	28.98 -2.25 0.00
ONEIDA_HERK_LFGE 323681	16.91 0.12 -0.47	13.98 0.09 -0.56	14.20 0.07 -0.49	11.88 0.08 -0.54	16.48 0.11 -0.40	20.80 0.20 -0.37	24.20 0.28 -0.63	37.40 0.41 -0.11	34.06 0.30 0.00	28.84 0.09 0.00	29.81 0.15 -0.71	28.45 0.06 -0.86	27.04 -0.03 -0.84	28.04 -0.03 -0.87	26.69 -0.05 -0.89	27.34 -0.03 -0.92	30.53 0.00 -1.09	36.70 0.18 -1.16	42.36 0.38 0.00	47.55 0.66 0.00	50.07 0.74 0.00	39.90 0.55 0.00	34.08 0.47 0.00	31.76 0.53 0.00
ONEIDA___115KV_TB4 55905	17.45 0.29 -0.83	14.55 0.24 -0.98	14.73 0.23 -0.86	12.41 0.20 -0.95	16.95 0.29 -0.70	21.28 0.40 -0.65	24.93 0.54 -1.11	37.89 0.81 -0.19	34.46 0.71 0.00	29.22 0.46 0.00	29.48 0.52 0.00	27.98 0.44 0.00	26.59 0.34 -0.03	27.55 0.33 -0.03	26.27 0.28 -0.13	26.92 0.32 -0.16	30.15 0.38 -0.33	36.15 0.60 -0.19	42.87 0.88 0.00	48.11 1.22 0.00	50.61 1.28 0.00	40.34 0.98 0.00	34.38 0.77 0.00	31.92 0.69 0.00
ONONDAGA_REF_OCCRA 23987	17.71 -0.13 -1.52	15.00 -0.12 -1.80	15.11 -0.11 -1.58	12.90 -0.09 -1.73	17.12 -0.13 -1.27	21.25 -0.16 -1.19	25.18 -0.14 -2.02	36.98 -0.26 -0.35	33.55 -0.20 0.00	28.56 -0.20 0.00	28.73 -0.23 0.00	27.32 -0.22 0.00	26.04 -0.24 -0.06	26.98 -0.27 -0.05	25.84 -0.26 -0.25	26.44 -0.29 -0.29	29.75 -0.29 -0.61	35.32 -0.39 -0.34	41.56 -0.42 0.00	46.57 -0.33 0.00	48.98 -0.35 0.00	39.08 -0.28 0.00	33.34 -0.27 0.00	30.95 -0.28 0.00
ONONDAGA___COGEN 23986	17.62 -0.13 -1.43	14.89 -0.12 -1.68	15.01 -0.11 -1.48	12.79 -0.09 -1.62	17.04 -0.13 -1.19	21.18 -0.16 -1.12	25.02 -0.16 -1.90	36.92 -0.30 -0.33	33.48 -0.27 0.00	28.53 -0.23 0.00	28.67 -0.29 0.00	27.29 -0.25 0.00	26.01 -0.26 -0.05	26.95 -0.30 -0.05	25.77 -0.31 -0.23	26.39 -0.32 -0.27	29.68 -0.32 -0.57	35.22 -0.46 -0.32	41.48 -0.50 0.00	46.47 -0.42 0.00	48.88 -0.44 0.00	39.00 -0.35 0.00	33.27 -0.34 0.00	30.89 -0.34 0.00
ONTARIO___LFGE 23819	18.11 -0.39 -2.18	15.59 -0.31 -2.57	15.60 -0.30 -2.26	13.49 -0.25 -2.48	17.46 -0.34 -1.82	21.46 -0.46 -1.71	25.72 -0.47 -2.90	36.65 -0.74 -0.51	33.25 -0.51 0.00	28.15 -0.61 0.00	28.23 -0.72 0.00	26.88 -0.66 0.00	25.60 -0.71 -0.08	26.45 -0.82 -0.07	25.48 -0.72 -0.35	26.06 -0.79 -0.41	29.54 -0.77 -0.87	35.11 -0.74 -0.49	41.44 -0.55 0.00	46.61 -0.28 0.00	49.08 -0.25 0.00	39.47 0.12 0.00	33.88 0.27 0.00	31.01 -0.22 0.00
ORANGEVILLE_WT_PWR 323706	17.63 -1.47 -2.77	15.48 -1.12 -3.27	15.36 -1.16 -2.88	13.46 -0.96 -3.16	16.93 -1.36 -2.32	20.55 -1.84 -2.17	24.81 -2.17 -3.69	33.99 -3.54 -0.64	31.09 -2.67 0.00	26.25 -2.50 0.00	26.27 -2.69 0.00	25.09 -2.45 0.00	23.83 -2.49 -0.10	24.57 -2.72 -0.09	23.87 -2.43 -0.45	24.45 -2.51 -0.52	27.89 -2.65 -1.11	33.09 -2.90 -0.62	39.13 -2.86 0.00	44.45 -2.44 0.00	47.21 -2.12 0.00	38.13 -1.22 0.00	33.11 -0.50 0.00	30.04 -1.19 0.00
ORANGEVILLE___ESR 323794	17.63 -1.47 -2.77	15.48 -1.12 -3.27	15.36 -1.16 -2.88	13.46 -0.96 -3.16	16.93 -1.36 -2.32	20.55 -1.84 -2.17	24.81 -2.17 -3.69	33.99 -3.54 -0.64	31.09 -2.67 0.00	26.25 -2.50 0.00	26.27 -2.69 0.00	25.09 -2.45 0.00	23.83 -2.49 -0.10	24.57 -2.72 -0.09	23.87 -2.43 -0.45	24.45 -2.51 -0.52	27.89 -2.65 -1.11	33.09 -2.90 -0.62	39.13 -2.86 0.00	44.45 -2.44 0.00	47.21 -2.12 0.00	38.13 -1.22 0.00	33.11 -0.50 0.00	30.04 -1.19 0.00
OSWEGATCHIE___HYD 24044	16.25 -0.49 -0.41	13.37 -0.44 -0.49	13.60 -0.46 -0.43	11.34 -0.38 -0.47	15.77 -0.54 -0.34	19.96 -0.59 -0.32	23.16 -0.68 -0.55	35.76 -1.22 -0.10	32.37 -1.39 0.00	27.43 -1.32 0.00	31.10 -1.30 -3.44	30.33 -1.38 -4.17	28.89 -1.36 -4.03	30.03 -1.33 -4.16	28.58 -1.32 -4.05	29.28 -1.30 -4.13	32.54 -1.47 -4.57	39.03 -1.56 -5.21	40.43 -1.55 0.00	45.30 -1.59 0.00	47.85 -1.48 0.00	38.41 -0.94 0.00	33.00 -0.60 0.00	30.86 -0.37 0.00
OSWEGO___5 23606	16.93 -0.37 -0.98	14.18 -0.31 -1.16	14.34 -0.31 -1.02	12.12 -0.26 -1.12	16.44 -0.35 -0.82	20.53 -0.46 -0.77	24.08 -0.51 -1.30	36.23 -0.89 -0.23	32.94 -0.81 0.00	28.07 -0.69 0.00	28.23 -0.72 0.00	26.85 -0.69 0.00	25.60 -0.65 -0.04	26.52 -0.71 -0.03	25.34 -0.67 -0.16	25.94 -0.69 -0.18	29.06 -0.77 -0.39	34.56 -1.03 -0.22	40.77 -1.22 0.00	45.63 -1.26 0.00	48.00 -1.33 0.00	38.33 -1.02 0.00	32.77 -0.84 0.00	30.42 -0.81 0.00

OSWEGO___6 23613	16.93 -0.37 -0.98	14.18 -0.31 -1.16	14.34 -0.31 -1.02	12.12 -0.26 -1.12	16.44 -0.35 -0.82	20.53 -0.46 -0.77	24.08 -0.51 -1.30	36.23 -0.89 -0.23	32.94 -0.81 0.00	28.07 -0.69 0.00	28.23 -0.72 0.00	26.85 -0.69 0.00	25.60 -0.65 -0.04	26.52 -0.71 -0.03	25.34 -0.67 -0.16	25.94 -0.69 -0.18	29.06 -0.77 -0.39	34.56 -1.03 -0.22	40.77 -1.22 0.00	45.63 -1.26 0.00	48.00 -1.33 0.00	38.33 -1.02 0.00	32.77 -0.84 0.00	30.42 -0.81 0.00
OUTOKUMPU-AB___DRP 24206	17.22 -1.49 -2.38	15.03 -1.11 -2.81	14.94 -1.17 -2.47	13.01 -0.96 -2.71	16.61 -1.36 -1.99	20.19 -1.90 -1.86	24.25 -2.21 -3.17	33.86 -3.58 -0.55	31.19 -2.57 0.00	26.46 -2.30 0.00	26.50 -2.46 0.00	25.28 -2.26 0.00	24.13 -2.18 -0.09	24.86 -2.42 -0.08	24.09 -2.15 -0.39	24.59 -2.30 -0.45	27.97 -2.41 -0.95	33.14 -2.76 -0.53	38.79 -3.19 0.00	43.85 -3.05 0.00	46.37 -2.96 0.00	37.62 -1.73 0.00	32.36 -1.24 0.00	29.54 -1.69 0.00
OXBOW___BTM 323836	17.10 -1.58 -2.36	14.93 -1.19 -2.79	14.84 -1.25 -2.45	12.93 -1.02 -2.69	16.48 -1.47 -1.98	20.03 -2.04 -1.85	24.04 -2.40 -3.14	33.60 -3.84 -0.55	30.95 -2.80 0.00	26.25 -2.50 0.00	26.27 -2.69 0.00	25.09 -2.45 0.00	23.98 -2.33 -0.09	24.69 -2.58 -0.08	23.96 -2.27 -0.38	24.45 -2.43 -0.44	27.79 -2.59 -0.94	32.89 -3.01 -0.53	38.46 -3.53 0.00	43.42 -3.47 0.00	45.87 -3.45 0.00	37.23 -2.13 0.00	32.50 -1.11 0.00	29.23 -2.00 0.00
OXBOW____ 24026	17.10 -1.58 -2.36	14.93 -1.19 -2.79	14.84 -1.25 -2.45	12.93 -1.02 -2.69	16.48 -1.47 -1.98	20.03 -2.04 -1.85	24.04 -2.40 -3.14	33.60 -3.84 -0.55	30.89 -2.87 0.00	26.25 -2.50 0.00	26.26 -2.69 0.00	25.09 -2.45 0.00	24.00 -2.31 -0.09	24.69 -2.58 -0.08	23.93 -2.30 -0.38	24.45 -2.43 -0.44	27.79 -2.59 -0.94	32.89 -3.01 -0.53	38.42 -3.57 0.00	43.42 -3.47 0.00	45.87 -3.45 0.00	37.23 -2.13 0.00	32.03 -1.58 0.00	29.23 -2.00 0.00
OXY_CHEM_DSASP 323612	17.00 -1.66 -2.35	14.86 -1.24 -2.77	14.75 -1.32 -2.43	12.85 -1.08 -2.67	16.40 -1.53 -1.96	19.88 -2.18 -1.84	23.85 -2.56 -3.12	33.37 -4.06 -0.55	30.62 -3.14 0.00	26.05 -2.70 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.87 -2.44 -0.09	24.56 -2.72 -0.08	23.80 -2.43 -0.38	24.32 -2.56 -0.44	27.60 -2.77 -0.94	32.67 -3.22 -0.52	38.04 -3.95 0.00	42.95 -3.94 0.00	45.38 -3.95 0.00	36.84 -2.52 0.00	31.69 -1.92 0.00	28.98 -2.25 0.00
OZONE_PARK_ESR 323760	31.37 1.32 -13.73	30.61 1.08 -16.21	28.96 1.08 -14.24	27.75 0.88 -15.62	28.71 1.26 -11.48	32.51 1.56 -10.73	43.37 1.84 -18.24	43.32 3.25 -3.19	37.28 3.51 -0.01	33.46 3.13 -1.57	32.18 3.13 -0.10	33.53 3.03 -2.96	33.52 2.91 -4.39	33.57 3.05 -3.32	32.75 2.92 -3.98	34.88 3.01 -5.43	38.32 3.38 -5.50	43.44 4.21 -3.86	46.78 4.79 -0.01	52.06 5.16 -0.01	54.56 5.23 0.00	43.17 3.82 0.00	36.70 3.09 0.00	33.85 2.62 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	17.00 -1.66 -2.35	14.86 -1.24 -2.77	14.75 -1.32 -2.43	12.85 -1.08 -2.67	16.40 -1.53 -1.96	19.88 -2.18 -1.84	23.85 -2.56 -3.12	33.37 -4.06 -0.55	30.62 -3.14 0.00	26.05 -2.70 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.87 -2.44 -0.09	24.56 -2.72 -0.08	23.80 -2.43 -0.38	24.32 -2.56 -0.44	27.60 -2.77 -0.94	32.67 -3.22 -0.52	38.04 -3.95 0.00	42.95 -3.94 0.00	45.38 -3.95 0.00	36.84 -2.52 0.00	31.69 -1.92 0.00	28.98 -2.25 0.00
PACKARD___115KV_DUPONT_184 80571	17.00 -1.66 -2.35	14.86 -1.24 -2.77	14.75 -1.32 -2.43	12.85 -1.08 -2.67	16.40 -1.53 -1.96	19.88 -2.18 -1.84	23.85 -2.56 -3.12	33.37 -4.06 -0.55	30.62 -3.14 0.00	26.05 -2.70 0.00	26.09 -2.87 0.00	24.92 -2.62 0.00	23.87 -2.44 -0.09	24.56 -2.72 -0.08	23.80 -2.43 -0.38	24.32 -2.56 -0.44	27.60 -2.77 -0.94	32.67 -3.22 -0.52	38.04 -3.95 0.00	42.95 -3.94 0.00	45.38 -3.95 0.00	36.84 -2.52 0.00	31.69 -1.92 0.00	28.98 -2.25 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.35 1.29 -13.74	30.61 1.07 -16.21	28.93 1.04 -14.25	27.74 0.86 -15.63	28.69 1.23 -11.49	32.48 1.52 -10.74	43.28 1.75 -18.24	43.13 3.06 -3.19	37.01 3.24 -0.02	31.62 2.79 -0.08	31.78 2.81 -0.01	30.38 2.70 -0.14	29.51 2.60 -0.70	30.51 2.72 -0.59	30.76 2.61 -2.30	31.84 2.70 -2.70	37.94 3.03 -5.47	42.64 3.71 -3.56	46.41 4.41 -0.02	51.59 4.69 -0.01	54.11 4.78 0.00	42.97 3.62 0.00	36.61 2.99 -0.01	33.77 2.53 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.36 1.31 -13.74	30.62 1.08 -16.21	28.95 1.06 -14.25	27.76 0.88 -15.63	28.72 1.26 -11.49	32.52 1.56 -10.74	43.30 1.77 -18.24	43.17 3.10 -3.19	37.01 3.24 -0.02	31.60 2.76 -0.08	31.78 2.81 -0.01	30.35 2.67 -0.14	29.49 2.57 -0.70	30.48 2.69 -0.59	30.73 2.58 -2.30	31.81 2.67 -2.70	37.94 3.03 -5.47	42.61 3.68 -3.56	46.41 4.41 -0.02	51.64 4.74 -0.01	54.21 4.88 0.00	43.05 3.70 0.00	36.74 3.13 -0.01	33.89 2.65 -0.01
PATROON___115KV_TB1 80586	33.56 0.49 -16.75	33.52 0.41 -19.78	31.44 0.42 -17.38	30.68 0.35 -19.08	30.48 0.50 -14.02	33.96 0.63 -13.11	46.29 0.72 -22.28	41.85 1.07 -3.89	34.67 0.91 0.00	29.56 0.81 0.00	29.80 0.84 0.00	28.34 0.80 0.00	27.61 0.76 -0.63	28.52 0.76 -0.56	29.29 0.72 -2.72	30.31 0.71 -3.15	37.03 0.88 -6.71	40.28 1.17 -3.74	43.29 1.30 0.00	48.30 1.41 0.00	50.76 1.43 0.00	40.42 1.06 0.00	34.42 0.81 0.00	32.01 0.78 0.00
PATTRSNVILLE___SOLAR 323815	35.75 1.03 -18.40	35.89 0.84 -21.72	33.59 0.86 -19.09	32.94 0.73 -20.95	32.41 1.04 -15.40	35.93 1.31 -14.40	49.37 1.61 -24.47	43.63 2.47 -4.28	35.68 1.92 0.00	30.08 1.32 0.00	30.12 1.16 0.00	28.50 0.96 0.00	27.70 0.79 -0.69	28.49 0.68 -0.61	29.45 0.62 -2.98	30.56 0.66 -3.45	37.64 0.85 -7.35	40.85 1.38 -4.10	44.71 2.73 0.00	50.46 3.56 0.00	53.18 3.85 0.00	42.31 2.95 0.00	35.86 2.25 0.00	33.29 2.06 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	17.22 -1.65 -2.55	15.10 -1.24 -3.01	14.97 -1.31 -2.65	13.09 -1.07 -2.90	16.57 -1.53 -2.13	20.16 -2.06 -2.00	24.26 -2.42 -3.39	33.64 -3.84 -0.59	31.59 -2.16 0.00	26.71 -2.04 0.00	26.76 -2.20 0.00	25.53 -2.01 0.00	23.90 -2.41 -0.10	24.62 -2.67 -0.09	23.86 -2.40 -0.42	24.41 -2.51 -0.48	27.81 -2.65 -1.03	32.93 -3.01 -0.57	39.26 -2.73 0.00	44.31 -2.58 0.00	46.86 -2.47 0.00	37.94 -1.42 0.00	32.57 -1.04 0.00	29.86 -1.37 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	31.17 1.06 -13.78	30.46 0.87 -16.27	28.80 0.86 -14.30	27.67 0.72 -15.69	28.52 1.02 -11.53	32.30 1.29 -10.78	43.13 1.51 -18.32	42.70 2.62 -3.20	36.62 2.87 0.00	31.23 2.47 0.00	31.42 2.46 0.00	29.88 2.34 0.00	29.10 2.36 -0.52	30.05 2.39 -0.46	30.37 2.30 -2.22	31.40 2.38 -2.58	37.63 2.71 -5.49	41.86 3.43 -3.06	45.93 3.95 0.00	51.11 4.22 0.00	53.62 4.29 0.00	42.42 3.07 0.00	36.10 2.49 0.00	33.35 2.12 0.00
PEEKSKILL____ 23653	31.03 1.03 -13.67	30.31 0.84 -16.14	28.66 0.83 -14.19	27.17 0.65 -15.26	28.11 0.93 -11.21	31.84 1.13 -10.48	42.41 1.30 -17.82	42.36 2.36 -3.11	36.35 2.60 0.00	31.12 2.33 -0.04	31.28 2.32 0.00	29.87 2.26 -0.07	29.02 2.20 -0.60	30.00 2.28 -0.52	30.25 2.20 -2.20	31.29 2.27 -2.57	37.33 2.56 -5.33	41.80 3.18 -3.25	45.55 3.57 0.00	50.69 3.80 0.00	53.12 3.80 0.00	42.11 2.75 0.00	35.76 2.15 0.00	33.10 1.87 0.00

PGE MADISON___WINDPWR 24146	21.25 0.67 -4.25	18.93 0.59 -5.02	18.65 0.60 -4.41	16.69 0.59 -4.85	20.38 0.85 -3.56	24.73 1.17 -3.33	30.49 1.54 -5.66	40.16 2.29 -0.99	35.78 2.03 0.00	29.91 1.15 0.00	30.14 1.19 0.00	28.56 1.02 0.00	27.11 0.73 -0.16	27.99 0.65 -0.14	27.08 0.54 -0.69	27.90 0.66 -0.80	32.01 0.88 -1.70	37.83 1.52 -0.95	44.42 2.43 0.00	50.31 3.42 0.00	53.12 3.80 0.00	42.31 2.95 0.00	36.10 2.49 0.00	33.26 2.03 0.00
PIERCEFIELD___HYD 23852	15.88 -0.70 -0.26	13.00 -0.63 -0.30	13.26 -0.64 -0.27	11.01 -0.54 -0.29	15.40 -0.78 -0.21	19.57 -0.85 -0.20	22.56 -1.07 -0.34	35.10 -1.84 -0.06	31.73 -2.03 0.00	26.97 -1.78 0.00	32.27 -1.77 -5.08	31.87 -1.82 -6.14	30.39 -1.76 -5.93	31.66 -1.66 -6.12	30.13 -1.63 -5.91	30.83 -1.64 -6.03	34.12 -1.91 -6.60	40.82 -2.16 -7.61	39.72 -2.27 0.00	44.31 -2.58 0.00	46.81 -2.52 0.00	37.86 -1.50 0.00	32.70 -0.91 0.00	30.51 -0.72 0.00
PINELAWN_CC_1 323563	31.34 1.29 -13.73	30.48 0.95 -16.21	28.74 0.86 -14.25	27.63 0.75 -15.62	28.55 1.10 -11.48	32.68 1.72 -10.73	43.59 2.05 -18.24	44.06 3.98 -3.19	37.33 3.58 0.00	32.27 3.45 -0.06	32.17 3.21 0.00	30.85 3.11 -0.20	29.96 2.96 -0.78	30.99 3.13 -0.67	31.20 3.02 -2.33	32.36 3.15 -2.77	38.44 3.53 -5.47	43.53 4.31 -3.85	47.12 5.12 -0.01	52.34 5.44 -0.01	54.76 5.43 -0.01	43.49 4.13 -0.01	36.94 3.33 0.00	34.01 2.78 0.00
PJM_GEN_HTP_PROXY 323702	31.24 1.19 -13.73	30.52 0.99 -16.21	28.85 0.97 -14.24	27.68 0.80 -15.62	28.58 1.13 -11.48	32.37 1.42 -10.73	43.18 1.65 -18.24	42.98 2.91 -3.19	36.94 3.17 -0.01	32.82 2.88 -1.19	31.93 2.90 -0.07	32.56 2.78 -2.24	32.37 2.70 -3.45	32.62 2.80 -2.63	32.09 2.69 -3.55	33.95 2.78 -4.73	38.04 3.12 -5.49	43.01 3.86 -3.78	46.32 4.33 -0.01	51.54 4.64 0.00	54.02 4.69 0.00	42.78 3.42 0.00	36.30 2.69 0.00	33.57 2.34 0.00
PJM_GEN_KEystone 24065	24.62 -0.11 -8.41	23.20 -0.05 -9.93	22.28 -0.08 -8.73	20.79 -0.06 -9.59	22.94 -0.08 -7.05	26.59 -0.22 -6.59	34.21 -0.28 -11.20	38.54 -0.30 -1.96	34.16 0.41 0.00	29.21 0.35 -0.11	29.22 0.26 -0.01	28.05 0.30 -0.21	27.02 0.21 -0.59	27.84 0.16 -0.48	27.56 0.23 -1.48	28.46 0.24 -1.78	33.09 0.29 -3.36	37.84 0.46 -2.01	42.62 0.63 0.00	47.60 0.70 0.00	50.07 0.74 0.00	39.98 0.63 0.00	34.25 0.64 0.00	31.48 0.25 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.19 1.14 -13.73	30.39 0.85 -16.21	28.68 0.79 -14.25	27.56 0.68 -15.62	28.44 0.99 -11.48	32.47 1.52 -10.73	43.33 1.79 -18.24	43.54 3.47 -3.19	36.99 3.24 0.00	32.07 3.25 -0.06	31.97 3.01 0.00	30.62 2.95 -0.13	29.75 2.83 -0.69	30.71 2.91 -0.60	30.96 2.82 -2.29	32.03 2.88 -2.71	38.11 3.21 -5.47	42.78 3.82 -3.60	46.44 4.45 -0.01	51.69 4.79 -0.01	54.07 4.74 -0.01	42.91 3.54 -0.01	36.53 2.92 0.00	33.70 2.47 0.00
PJM_GEN_VFT_PROXY 323633	31.23 1.18 -13.73	30.49 0.96 -16.21	28.82 0.94 -14.24	27.65 0.78 -15.62	28.55 1.10 -11.48	32.33 1.38 -10.73	43.12 1.58 -18.24	42.91 2.84 -3.19	36.91 3.14 -0.01	33.20 2.88 -1.57	31.95 2.90 -0.10	33.31 2.81 -2.96	33.31 2.70 -4.39	33.35 2.83 -3.32	32.55 2.71 -3.98	34.67 2.80 -5.43	38.05 3.12 -5.50	43.05 3.82 -3.86	46.28 4.28 -0.01	51.50 4.60 -0.01	53.91 4.59 0.00	42.74 3.38 0.00	36.26 2.65 0.00	33.54 2.31 0.00
PLATSBURG_115KV_PMLD1 355749	15.96 -0.36 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.88 -0.38 0.00	15.44 -0.53 0.00	19.74 -0.49 0.00	22.69 -0.61 0.00	35.92 -0.96 0.00	32.57 -1.18 0.00	27.58 -1.18 0.00	0.19 -1.19 27.58	-7.07 -1.24 33.37	-7.16 -1.21 32.17	-7.10 -1.09 33.21	-7.16 -1.11 31.89	-7.21 -1.16 32.49	-7.19 -1.32 35.30	-7.09 -1.45 41.01	40.60 -1.39 0.00	45.72 -1.17 0.00	48.54 -0.79 0.00	39.00 -0.35 0.00	33.51 -0.10 0.00	31.23 0.00 0.00
PLEASANTVLY___LBMP 24000	31.46 0.91 -14.23	30.87 0.75 -16.79	29.15 0.75 -14.76	28.07 0.62 -16.19	28.77 0.89 -11.90	32.44 1.09 -11.13	43.46 1.26 -18.91	42.44 2.25 -3.30	36.18 2.43 0.00	30.94 2.19 0.00	31.16 2.20 0.00	29.69 2.15 0.00	28.83 2.07 -0.53	29.82 2.15 -0.47	30.21 2.07 -2.29	31.24 2.14 -2.66	37.48 2.38 -5.66	41.47 2.97 -3.14	45.34 3.36 0.00	50.46 3.56 0.00	52.93 3.60 0.00	41.95 2.60 0.00	35.73 2.12 0.00	33.07 1.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.18 1.06 -13.80	30.48 0.87 -16.29	28.82 0.86 -14.32	27.67 0.71 -15.70	28.53 1.02 -11.54	32.29 1.27 -10.79	43.10 1.47 -18.34	42.74 2.66 -3.20	36.59 2.84 0.00	31.21 2.53 0.08	31.50 2.55 0.00	29.84 2.45 0.15	28.93 2.39 -0.32	30.01 2.50 -0.32	30.39 2.40 -2.13	31.36 2.49 -2.43	37.69 2.77 -5.49	41.30 3.43 -2.50	45.89 3.90 0.00	51.07 4.17 0.00	53.52 4.19 0.00	42.42 3.07 0.00	36.10 2.49 0.00	33.35 2.12 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.18 1.06 -13.80	30.48 0.87 -16.29	28.82 0.86 -14.32	27.67 0.71 -15.70	28.53 1.02 -11.54	32.29 1.27 -10.79	43.10 1.47 -18.34	42.74 2.66 -3.20	36.59 2.84 0.00	31.21 2.53 0.08	31.50 2.55 0.00	29.84 2.45 0.15	28.93 2.39 -0.32	30.01 2.50 -0.32	30.39 2.40 -2.13	31.36 2.49 -2.43	37.69 2.77 -5.49	41.30 3.43 -2.50	45.89 3.90 0.00	51.07 4.17 0.00	53.52 4.19 0.00	42.42 3.07 0.00	36.10 2.49 0.00	33.35 2.12 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.14 0.98 -13.84	30.48 0.81 -16.34	28.80 0.80 -14.36	27.68 0.66 -15.76	28.51 0.96 -11.58	32.24 1.19 -10.83	43.09 1.40 -18.40	42.53 2.43 -3.22	36.35 2.60 0.00	31.00 2.24 0.00	31.19 2.23 0.00	29.69 2.15 0.00	28.84 2.10 -0.52	29.86 2.20 -0.46	30.21 2.12 -2.24	31.23 2.19 -2.60	37.41 2.44 -5.53	41.50 3.08 -3.06	45.55 3.57 0.00	50.79 3.89 0.00	53.22 3.90 0.00	42.15 2.79 0.00	35.89 2.29 0.00	33.20 1.97 0.00
POLETTI___ 23519	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.70 0.82 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.23 1.70 -18.24	43.09 3.02 -3.19	37.04 3.27 -0.01	33.26 2.93 -1.57	32.01 2.95 -0.10	33.36 2.86 -2.96	33.36 2.75 -4.39	33.40 2.88 -3.32	32.60 2.77 -3.98	34.72 2.86 -5.43	38.14 3.21 -5.50	43.19 3.96 -3.86	46.45 4.45 -0.01	51.68 4.78 -0.01	54.16 4.83 0.00	42.90 3.54 0.00	36.50 2.89 0.00	33.66 2.44 0.00
POMONA___ESR 323819	30.41 0.96 -13.13	29.62 0.80 -15.50	28.05 0.79 -13.62	26.87 0.65 -14.96	27.89 0.93 -11.00	31.66 1.15 -10.28	42.14 1.37 -17.47	42.41 2.47 -3.05	36.46 2.70 0.00	31.14 2.39 0.00	31.36 2.40 0.00	29.85 2.31 0.00	28.97 2.26 -0.49	30.00 2.36 -0.44	30.24 2.28 -2.12	31.25 2.35 -2.46	37.28 2.62 -5.23	41.75 3.25 -3.13	45.64 3.65 0.00	50.78 3.89 0.00	53.22 3.90 0.00	42.19 2.84 0.00	35.83 2.22 0.00	33.17 1.94 0.00
PORT_JEFF_3 23555	31.44 1.39 -13.73	30.52 0.99 -16.21	28.77 0.89 -14.25	27.68 0.80 -15.62	28.60 1.15 -11.48	32.94 1.98 -10.73	43.86 2.33 -18.24	44.68 4.61 -3.19	37.63 3.88 0.00	32.53 3.71 -0.06	32.31 3.36 0.00	31.03 3.33 -0.16	30.04 3.09 -0.73	31.28 3.45 -0.63	31.46 3.31 -2.30	32.67 3.49 -2.74	39.00 4.09 -5.47	44.20 5.13 -3.71	48.08 6.09 -0.01	53.23 6.33 -0.01	55.60 6.27 -0.01	44.36 5.00 -0.01	37.31 3.70 0.00	34.38 3.15 0.00

PORT_JEFF_4 23616	31.44 1.39 -13.73	30.52 0.99 -16.21	28.77 0.89 -14.25	27.68 0.80 -15.62	28.60 1.15 -11.48	32.94 1.98 -10.73	43.86 2.33 -18.24	44.68 4.61 -3.19	37.63 3.88 0.00	32.53 3.71 -0.06	32.31 3.36 0.00	31.03 3.33 -0.16	30.04 3.09 -0.73	31.28 3.45 -0.63	31.46 3.31 -2.30	32.67 3.49 -2.74	39.00 4.09 -5.47	44.20 5.13 -3.71	48.08 6.09 -0.01	53.23 6.33 -0.01	55.60 6.27 -0.01	44.36 5.00 -0.01	37.31 3.70 0.00	34.38 3.15 0.00
PORT_JEFF_IC 23713	31.42 1.37 -13.73	30.51 0.97 -16.21	28.77 0.89 -14.25	27.67 0.79 -15.62	28.60 1.15 -11.48	32.94 1.98 -10.73	43.86 2.33 -18.24	44.57 4.50 -3.19	37.60 3.85 0.00	32.50 3.68 -0.06	32.28 3.33 0.00	31.01 3.30 -0.16	30.02 3.07 -0.73	31.26 3.43 -0.63	31.46 3.31 -2.30	32.64 3.46 -2.74	38.97 4.06 -5.47	44.17 5.09 -3.71	47.96 5.96 -0.01	53.19 6.28 -0.01	55.55 6.22 -0.01	44.32 4.96 -0.01	37.61 4.00 0.00	34.35 3.12 0.00
PPL_PILGRIM_ST_GT1 24216	31.41 1.35 -13.73	30.52 0.99 -16.21	28.79 0.90 -14.25	27.68 0.80 -15.62	28.62 1.17 -11.48	32.84 1.88 -10.73	43.77 2.24 -18.24	44.38 4.31 -3.19	37.57 3.81 0.00	32.47 3.65 -0.06	32.31 3.36 0.00	30.98 3.28 -0.17	30.05 3.09 -0.74	31.15 3.32 -0.63	31.33 3.18 -2.31	32.52 3.33 -2.74	38.73 3.82 -5.47	43.79 4.70 -3.72	47.58 5.58 -0.01	52.81 5.91 -0.01	55.20 5.87 -0.01	43.93 4.56 -0.01	37.14 3.53 0.00	34.20 2.97 0.00
PPL_PILGRIM_ST_GT2 24217	31.41 1.35 -13.73	30.52 0.99 -16.21	28.79 0.90 -14.25	27.68 0.80 -15.62	28.62 1.17 -11.48	32.84 1.88 -10.73	43.77 2.24 -18.24	44.38 4.31 -3.19	37.57 3.81 0.00	32.47 3.65 -0.06	32.31 3.36 0.00	30.98 3.28 -0.17	30.05 3.09 -0.74	31.15 3.32 -0.63	31.33 3.18 -2.31	32.52 3.33 -2.74	38.73 3.82 -5.47	43.79 4.70 -3.72	47.58 5.58 -0.01	52.81 5.91 -0.01	55.20 5.87 -0.01	43.93 4.56 -0.01	37.14 3.53 0.00	34.20 2.97 0.00
PPL_SHRM_GT3 24213	31.06 1.01 -13.73	30.20 0.67 -16.21	28.44 0.56 -14.25	27.43 0.55 -15.62	28.23 0.78 -11.48	32.80 1.84 -10.73	43.56 2.03 -18.24	44.42 4.35 -3.19	36.96 3.21 0.00	31.95 3.13 -0.06	31.53 2.58 0.00	30.40 2.70 -0.16	29.31 2.36 -0.73	30.85 3.02 -0.63	31.05 2.89 -2.30	32.22 3.04 -2.74	38.67 3.77 -5.47	43.88 4.81 -3.70	47.75 5.75 -0.01	52.53 5.62 -0.01	54.66 5.33 -0.01	44.08 4.72 -0.01	36.57 2.96 0.00	33.92 2.69 0.00
PPL_SHRM_GT4 24214	31.06 1.01 -13.73	30.20 0.67 -16.21	28.44 0.56 -14.25	27.43 0.55 -15.62	28.23 0.78 -11.48	32.80 1.84 -10.73	43.56 2.03 -18.24	44.42 4.35 -3.19	36.96 3.21 0.00	31.95 3.13 -0.06	31.53 2.58 0.00	30.40 2.70 -0.16	29.31 2.36 -0.73	30.85 3.02 -0.63	31.05 2.89 -2.30	32.22 3.04 -2.74	38.67 3.77 -5.47	43.88 4.81 -3.70	47.75 5.75 -0.01	52.53 5.62 -0.01	54.66 5.33 -0.01	44.08 4.72 -0.01	36.57 2.96 0.00	33.92 2.69 0.00
PROJECT___ORANGE 1 24174	17.39 -0.18 -1.24	14.65 -0.15 -1.47	14.79 -0.14 -1.29	12.56 -0.11 -1.42	16.85 -0.16 -1.04	21.00 -0.20 -0.97	24.74 -0.21 -1.66	36.80 -0.37 -0.29	33.45 -0.30 0.00	28.50 -0.26 0.00	28.64 -0.32 0.00	27.26 -0.28 0.00	26.01 -0.26 -0.05	26.91 -0.33 -0.04	25.74 -0.31 -0.20	26.36 -0.32 -0.23	29.58 -0.35 -0.50	35.15 -0.50 -0.28	41.40 -0.59 0.00	46.38 -0.52 0.00	48.78 -0.54 0.00	38.88 -0.47 0.00	33.17 -0.44 0.00	30.82 -0.41 0.00
PROJECT___ORANGE 2 24166	17.39 -0.18 -1.24	14.65 -0.15 -1.47	14.79 -0.14 -1.29	12.56 -0.11 -1.42	16.85 -0.16 -1.04	21.00 -0.20 -0.97	24.74 -0.21 -1.66	36.80 -0.37 -0.29	33.45 -0.30 0.00	28.50 -0.26 0.00	28.64 -0.32 0.00	27.26 -0.28 0.00	26.01 -0.26 -0.05	26.91 -0.33 -0.04	25.74 -0.31 -0.20	26.36 -0.32 -0.23	29.58 -0.35 -0.50	35.15 -0.50 -0.28	41.40 -0.59 0.00	46.38 -0.52 0.00	48.78 -0.54 0.00	38.88 -0.47 0.00	33.17 -0.44 0.00	30.82 -0.41 0.00
PUCKETT___SOLAR 323809	21.02 0.15 -4.55	18.82 0.12 -5.37	18.48 0.12 -4.72	16.57 0.12 -5.19	19.96 0.18 -3.81	23.99 0.20 -3.56	29.65 0.30 -6.06	38.35 0.41 -1.06	34.29 0.54 0.00	29.01 0.26 0.00	29.13 0.17 0.00	27.68 0.14 0.00	26.39 0.00 -0.17	27.27 -0.08 -0.15	26.51 -0.08 -0.74	27.24 -0.05 -0.85	31.28 0.03 -1.82	36.63 0.25 -1.01	42.65 0.67 0.00	47.97 1.08 0.00	50.56 1.23 0.00	40.34 0.98 0.00	34.45 0.84 0.00	31.82 0.59 0.00
PYRITES___HYD 24023	16.25 -0.31 -0.24	13.30 -0.31 -0.28	13.56 -0.33 -0.25	11.26 -0.27 -0.27	15.77 -0.40 -0.20	20.07 -0.34 -0.19	23.14 -0.47 -0.32	35.98 -0.96 -0.06	32.51 -1.25 0.00	27.52 -1.24 0.00	32.26 -1.19 -4.49	31.68 -1.29 -5.43	30.18 -1.28 -5.24	31.44 -1.17 -5.41	29.91 -1.16 -5.23	30.64 -1.14 -5.33	33.92 -1.35 -5.84	40.71 -1.38 -6.72	40.72 -1.26 0.00	45.49 -1.41 0.00	48.04 -1.28 0.00	38.84 -0.51 0.00	33.47 -0.13 0.00	31.20 -0.03 0.00
QUAKERRD_115KV_BK1 80622	17.13 -1.11 -1.91	14.75 -0.84 -2.26	14.75 -0.87 -1.99	12.71 -0.73 -2.18	16.58 -0.99 -1.60	20.37 -1.35 -1.50	24.32 -1.51 -2.55	34.93 -2.40 -0.45	31.76 -1.99 0.00	27.03 -1.73 0.00	27.16 -1.80 0.00	25.86 -1.68 0.00	24.77 -1.52 -0.07	25.57 -1.69 -0.06	24.61 -1.55 -0.31	25.16 -1.64 -0.36	28.40 -1.80 -0.76	33.74 -2.05 -0.43	39.47 -2.52 0.00	44.45 -2.44 0.00	46.86 -2.47 0.00	37.70 -1.65 0.00	32.23 -1.38 0.00	29.61 -1.62 0.00
QUENSBRY_115KV_TB8 356137	34.36 0.93 -17.10	34.25 0.73 -20.19	32.16 0.78 -17.75	31.39 0.65 -19.48	31.19 0.91 -14.31	34.82 1.21 -13.38	47.57 1.54 -22.75	43.37 2.51 -3.97	36.12 2.36 0.00	30.83 2.07 0.00	30.96 2.00 0.00	29.39 1.85 0.00	28.54 1.68 -0.65	29.45 1.69 -0.57	30.17 1.55 -2.77	31.21 1.56 -3.21	37.92 1.65 -6.84	41.38 2.19 -3.82	44.92 2.94 0.00	50.32 3.42 0.00	52.98 3.65 0.00	42.07 2.72 0.00	35.63 2.02 0.00	33.10 1.87 0.00
RAMAPO___LBMP 323565	30.21 0.90 -12.99	29.41 0.75 -15.33	27.85 0.74 -13.48	26.68 0.61 -14.82	27.74 0.88 -10.89	31.46 1.05 -10.18	41.80 1.21 -17.30	42.12 2.21 -3.02	36.22 2.46 0.00	30.94 2.19 0.00	31.16 2.20 0.00	29.66 2.12 0.00	28.78 2.07 -0.49	29.78 2.15 -0.43	30.04 2.09 -2.10	31.02 2.14 -2.43	37.03 2.41 -5.18	41.41 2.97 -3.07	45.34 3.36 0.00	50.41 3.52 0.00	52.88 3.55 0.00	41.91 2.56 0.00	35.69 2.08 0.00	32.98 1.75 0.00
RANKINE____ 23646	17.32 -1.50 -2.50	15.16 -1.12 -2.95	15.04 -1.19 -2.59	13.14 -0.97 -2.85	16.69 -1.37 -2.09	20.30 -1.88 -1.96	24.43 -2.19 -3.32	34.03 -3.43 -0.58	31.56 -2.19 0.00	26.71 -2.04 0.00	26.73 -2.23 0.00	25.53 -2.01 0.00	24.22 -2.10 -0.09	24.94 -2.34 -0.08	24.19 -2.07 -0.41	24.72 -2.19 -0.47	28.11 -2.33 -1.00	33.31 -2.62 -0.56	39.17 -2.81 0.00	44.31 -2.58 0.00	46.86 -2.47 0.00	38.02 -1.34 0.00	32.67 -0.94 0.00	29.89 -1.34 0.00
RAVENSWOOD_GT2_1 24244	31.27 1.22 -13.73	30.53 1.00 -16.21	28.87 0.98 -14.24	27.69 0.81 -15.62	28.61 1.17 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.93 2.78 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.06 3.12 -5.50	43.15 3.85 -3.93	46.41 4.41 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.47 2.86 0.00	33.63 2.40 0.00

RAVENSWOOD_GT2_2 24245	31.27 1.22 -13.73	30.53 1.00 -16.21	28.87 0.98 -14.24	27.69 0.81 -15.62	28.61 1.17 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.93 2.78 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.06 3.12 -5.50	43.15 3.85 -3.93	46.41 4.41 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.47 2.86 0.00	33.63 2.40 0.00
RAVENSWOOD_GT2_3 24246	31.27 1.22 -13.73	30.53 1.00 -16.21	28.88 1.00 -14.24	27.69 0.81 -15.62	28.61 1.17 -11.48	32.41 1.46 -10.73	43.23 1.70 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.95 2.81 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.09 3.15 -5.50	43.19 3.89 -3.93	46.45 4.45 -0.02	51.64 4.74 -0.01	54.11 4.78 0.00	42.86 3.50 0.00	36.47 2.86 0.00	33.66 2.44 0.00
RAVENSWOOD_GT2_4 24247	31.27 1.22 -13.73	30.53 1.00 -16.21	28.88 1.00 -14.24	27.69 0.81 -15.62	28.61 1.17 -11.48	32.41 1.46 -10.73	43.23 1.70 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.95 2.81 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.09 3.15 -5.50	43.19 3.89 -3.93	46.45 4.45 -0.02	51.64 4.74 -0.01	54.11 4.78 0.00	42.86 3.50 0.00	36.47 2.86 0.00	33.66 2.44 0.00
RAVENSWOOD_GT3_1 24248	31.27 1.22 -13.73	30.53 1.00 -16.21	28.88 1.00 -14.24	27.69 0.81 -15.62	28.61 1.17 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.93 2.78 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.09 3.15 -5.50	43.15 3.85 -3.93	46.41 4.41 -0.02	51.64 4.74 -0.01	54.06 4.74 0.00	42.86 3.50 0.00	36.47 2.86 0.00	33.63 2.40 0.00
RAVENSWOOD_GT3_2 24249	31.27 1.22 -13.73	30.53 1.00 -16.21	28.88 1.00 -14.24	27.69 0.81 -15.62	28.61 1.17 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.93 2.78 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.09 3.15 -5.50	43.15 3.85 -3.93	46.41 4.41 -0.02	51.64 4.74 -0.01	54.06 4.74 0.00	42.86 3.50 0.00	36.47 2.86 0.00	33.63 2.40 0.00
RAVENSWOOD_GT3_3 24250	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.70 0.82 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.26 1.72 -18.24	43.09 3.02 -3.19	37.04 3.27 -0.02	33.57 2.90 -1.91	32.00 2.92 -0.12	33.98 2.84 -3.60	34.18 2.73 -5.24	34.00 2.86 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.23 3.93 -3.93	46.49 4.49 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.90 3.54 0.00	36.50 2.89 0.00	33.66 2.44 0.00
RAVENSWOOD_GT3_4 24251	31.29 1.24 -13.73	30.55 1.01 -16.21	28.89 1.01 -14.24	27.70 0.82 -15.62	28.63 1.18 -11.48	32.41 1.46 -10.73	43.26 1.72 -18.24	43.09 3.02 -3.19	37.04 3.27 -0.02	33.57 2.90 -1.91	32.00 2.92 -0.12	33.98 2.84 -3.60	34.18 2.73 -5.24	34.00 2.86 -3.95	32.96 2.74 -4.37	35.32 2.83 -6.05	38.12 3.18 -5.50	43.23 3.93 -3.93	46.49 4.49 -0.02	51.68 4.78 -0.01	54.16 4.83 0.00	42.90 3.54 0.00	36.50 2.89 0.00	33.66 2.44 0.00
RAVENSWOOD_GT_1 23729	31.36 1.31 -13.74	30.61 1.07 -16.21	28.95 1.06 -14.25	27.75 0.87 -15.63	28.70 1.25 -11.49	32.50 1.54 -10.74	43.30 1.77 -18.24	43.21 3.14 -3.19	37.18 3.41 -0.02	33.63 2.96 -1.91	32.03 2.95 -0.12	33.98 2.84 -3.60	34.21 2.75 -5.24	34.03 2.88 -3.95	32.99 2.77 -4.37	35.35 2.86 -6.05	38.15 3.21 -5.50	43.23 3.93 -3.93	46.62 4.62 -0.02	51.78 4.88 -0.01	54.26 4.93 0.00	43.01 3.66 0.00	36.64 3.02 -0.01	33.83 2.59 -0.01
RAVENSWOOD_GT_10 24258	31.26 1.21 -13.73	30.53 1.00 -16.21	28.87 0.98 -14.25	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.93 2.78 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.06 3.12 -5.50	43.15 3.85 -3.93	46.41 4.41 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.47 2.86 0.00	33.63 2.40 0.00
RAVENSWOOD_GT_11 24259	31.26 1.21 -13.73	30.53 1.00 -16.21	28.87 0.98 -14.25	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.93 2.78 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.06 3.12 -5.50	43.15 3.85 -3.93	46.41 4.41 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.47 2.86 0.00	33.63 2.40 0.00
RAVENSWOOD_GT_4 24252	31.25 1.19 -13.73	30.53 0.99 -16.21	28.86 0.97 -14.25	27.68 0.80 -15.62	28.59 1.13 -11.48	32.38 1.42 -10.74	43.21 1.68 -18.24	43.02 2.95 -3.19	36.98 3.21 -0.02	33.52 2.85 -1.91	31.94 2.87 -0.12	33.93 2.78 -3.60	34.13 2.67 -5.24	33.95 2.80 -3.95	32.91 2.69 -4.37	35.27 2.78 -6.05	38.06 3.12 -5.50	43.15 3.85 -3.93	46.37 4.37 -0.02	51.59 4.69 -0.01	54.01 4.69 0.00	42.78 3.42 0.00	36.44 2.82 -0.01	33.61 2.37 -0.01
RAVENSWOOD_GT_5 24254	31.25 1.19 -13.73	30.53 0.99 -16.21	28.86 0.97 -14.25	27.68 0.80 -15.62	28.59 1.13 -11.48	32.38 1.42 -10.74	43.21 1.68 -18.24	43.02 2.95 -3.19	36.98 3.21 -0.02	33.52 2.85 -1.91	31.94 2.87 -0.12	33.93 2.78 -3.60	34.13 2.67 -5.24	33.95 2.80 -3.95	32.91 2.69 -4.37	35.27 2.78 -6.05	38.06 3.12 -5.50	43.15 3.85 -3.93	46.37 4.37 -0.02	51.59 4.69 -0.01	54.01 4.69 0.00	42.78 3.42 0.00	36.44 2.82 -0.01	33.61 2.37 -0.01
RAVENSWOOD_GT_6 24253	31.25 1.19 -13.73	30.53 0.99 -16.21	28.86 0.97 -14.25	27.68 0.80 -15.62	28.59 1.13 -11.48	32.38 1.42 -10.74	43.21 1.68 -18.24	43.02 2.95 -3.19	36.98 3.21 -0.02	33.52 2.85 -1.91	31.94 2.87 -0.12	33.93 2.78 -3.60	34.13 2.67 -5.24	33.95 2.80 -3.95	32.91 2.69 -4.37	35.27 2.78 -6.05	38.06 3.12 -5.50	43.15 3.85 -3.93	46.37 4.37 -0.02	51.59 4.69 -0.01	54.01 4.69 0.00	42.78 3.42 0.00	36.44 2.82 -0.01	33.61 2.37 -0.01
RAVENSWOOD_GT_7 24255	31.25 1.19 -13.73	30.53 0.99 -16.21	28.86 0.97 -14.25	27.68 0.80 -15.62	28.59 1.13 -11.48	32.38 1.42 -10.74	43.21 1.68 -18.24	43.02 2.95 -3.19	36.98 3.21 -0.02	33.52 2.85 -1.91	31.94 2.87 -0.12	33.93 2.78 -3.60	34.13 2.67 -5.24	33.95 2.80 -3.95	32.91 2.69 -4.37	35.27 2.78 -6.05	38.06 3.12 -5.50	43.15 3.85 -3.93	46.37 4.37 -0.02	51.59 4.69 -0.01	54.01 4.69 0.00	42.78 3.42 0.00	36.44 2.82 -0.01	33.61 2.37 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.26 1.21 -13.73	30.53 1.00 -16.21	28.87 0.98 -14.25	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.93 2.78 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.06 3.12 -5.50	43.15 3.85 -3.93	46.41 4.41 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.47 2.86 0.00	33.63 2.40 0.00

RAVENSWOOD_GT_9 24257	31.26 1.21 -13.73	30.53 1.00 -16.21	28.87 0.98 -14.25	27.69 0.81 -15.62	28.60 1.15 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.93 2.78 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.06 3.12 -5.50	43.15 3.85 -3.93	46.41 4.41 -0.02	51.59 4.69 -0.01	54.06 4.74 0.00	42.82 3.46 0.00	36.47 2.86 0.00	33.63 2.40 0.00
RAVENSWOOD___1 23533	31.36 1.31 -13.74	30.61 1.07 -16.21	28.96 1.06 -14.25	27.75 0.87 -15.63	28.70 1.25 -11.49	32.50 1.54 -10.74	43.30 1.77 -18.24	43.20 3.13 -3.19	37.18 3.41 -0.02	33.63 2.96 -1.91	32.03 2.96 -0.12	34.01 2.86 -3.60	34.21 2.75 -5.24	34.03 2.88 -3.95	32.99 2.77 -4.37	35.35 2.86 -6.05	38.15 3.21 -5.50	43.23 3.93 -3.93	46.58 4.58 -0.02	51.78 4.88 -0.01	54.26 4.93 0.00	43.01 3.66 0.00	36.54 2.92 -0.01	33.83 2.59 -0.01
RAVENSWOOD___2 23534	31.36 1.31 -13.74	30.61 1.07 -16.21	28.96 1.06 -14.25	27.75 0.87 -15.63	28.70 1.25 -11.49	32.50 1.54 -10.74	43.30 1.77 -18.24	43.20 3.13 -3.19	37.18 3.41 -0.02	33.63 2.96 -1.91	32.03 2.96 -0.12	34.01 2.86 -3.60	34.21 2.75 -5.24	34.03 2.88 -3.95	32.99 2.77 -4.37	35.35 2.86 -6.05	38.15 3.21 -5.50	43.23 3.93 -3.93	46.58 4.58 -0.02	51.78 4.88 -0.01	54.26 4.93 0.00	43.01 3.66 0.00	36.54 2.92 -0.01	33.83 2.59 -0.01
RAVENSWOOD___3 23535	31.28 1.22 -13.73	30.53 1.00 -16.21	28.88 1.00 -14.24	27.69 0.81 -15.62	28.61 1.17 -11.48	32.39 1.44 -10.73	43.21 1.68 -18.24	43.06 2.99 -3.19	37.01 3.24 -0.02	33.54 2.88 -1.91	31.97 2.90 -0.12	33.92 2.78 -3.60	34.16 2.70 -5.24	33.97 2.83 -3.95	32.93 2.71 -4.37	35.30 2.80 -6.05	38.09 3.15 -5.50	43.16 3.86 -3.93	46.41 4.41 -0.02	51.64 4.73 -0.01	54.06 4.74 0.00	42.86 3.50 0.00	36.36 2.76 0.00	33.63 2.40 0.00
RAVENSWOOD___4 23820	31.36 1.31 -13.74	30.61 1.07 -16.21	28.96 1.06 -14.25	27.75 0.87 -15.63	28.70 1.25 -11.49	32.50 1.54 -10.74	43.30 1.77 -18.24	43.20 3.13 -3.19	37.18 3.41 -0.02	33.63 2.96 -1.91	32.03 2.96 -0.12	34.01 2.86 -3.60	34.21 2.75 -5.24	34.03 2.88 -3.95	32.99 2.77 -4.37	35.35 2.86 -6.05	38.15 3.21 -5.50	43.23 3.93 -3.93	46.58 4.58 -0.02	51.78 4.88 -0.01	54.26 4.93 0.00	43.01 3.66 0.00	36.54 2.92 -0.01	33.83 2.59 -0.01
RCPL_TRUST___DRP 24196	31.32 1.27 -13.73	30.57 1.04 -16.21	28.92 1.04 -14.24	27.72 0.84 -15.62	28.66 1.21 -11.48	32.45 1.50 -10.73	43.32 1.79 -18.24	43.24 3.17 -3.19	37.24 3.48 -0.01	33.08 3.13 -1.19	32.19 3.16 -0.07	32.84 3.06 -2.24	32.61 2.94 -3.45	32.90 3.07 -2.63	32.35 2.95 -3.55	34.21 3.04 -4.73	38.34 3.41 -5.49	43.36 4.21 -3.78	46.65 4.66 -0.01	51.87 4.97 0.00	54.31 4.98 0.00	42.97 3.62 0.00	36.57 2.96 0.00	33.73 2.50 0.00
RED___ROCHESTER 323720	17.50 -0.80 -1.98	15.09 -0.57 -2.33	15.08 -0.61 -2.05	12.99 -0.52 -2.25	16.94 -0.69 -1.65	20.78 -0.99 -1.55	24.85 -1.07 -2.63	35.65 -1.70 -0.46	32.47 -1.28 0.00	27.63 -1.12 0.00	27.77 -1.19 0.00	26.41 -1.13 0.00	25.30 -1.00 -0.07	26.15 -1.12 -0.07	25.19 -0.98 -0.32	25.73 -1.09 -0.37	29.04 -1.18 -0.79	34.53 -1.27 -0.44	40.43 -1.55 0.00	45.58 -1.31 0.00	48.10 -1.23 0.00	38.72 -0.63 0.00	33.44 -0.17 0.00	30.35 -0.87 0.00
REGAN___SOLAR 323812	36.31 1.26 -18.73	36.47 1.03 -22.12	34.14 1.06 -19.44	33.49 0.90 -21.33	32.93 1.28 -15.68	36.52 1.64 -14.66	50.21 2.00 -24.92	44.37 3.13 -4.35	36.29 2.53 0.00	30.54 1.78 0.00	30.61 1.65 0.00	29.00 1.46 0.00	28.13 1.21 -0.71	28.99 1.17 -0.63	29.97 1.09 -3.03	31.07 1.11 -3.52	38.28 1.35 -7.49	41.56 2.01 -4.18	45.47 3.48 0.00	51.30 4.41 0.00	54.06 4.74 0.00	43.01 3.66 0.00	36.40 2.79 0.00	33.76 2.53 0.00
RENSSELAER___COGEN 23796	33.38 0.44 -16.61	33.30 0.36 -19.61	31.24 0.37 -17.24	30.48 0.30 -18.92	30.30 0.43 -13.90	33.79 0.57 -13.00	46.01 0.63 -22.09	41.52 0.78 -3.86	34.46 0.71 0.00	29.39 0.63 0.00	29.59 0.64 0.00	28.15 0.61 0.00	27.42 0.58 -0.63	28.35 0.60 -0.56	29.09 0.54 -2.69	30.12 0.56 -3.12	36.88 0.80 -6.65	40.11 1.03 -3.71	43.07 1.09 0.00	48.07 1.17 0.00	50.51 1.18 0.00	40.22 0.86 0.00	34.25 0.64 0.00	31.89 0.66 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.76 1.34 -17.09	34.58 1.07 -20.18	32.51 1.13 -17.74	31.68 0.96 -19.47	31.62 1.34 -14.31	35.40 1.80 -13.38	48.33 2.31 -22.73	44.54 3.69 -3.97	37.10 3.34 0.00	31.55 2.79 0.00	31.62 2.66 0.00	30.02 2.48 0.00	29.04 2.18 -0.64	29.94 2.18 -0.57	30.58 1.96 -2.77	31.64 1.98 -3.21	38.45 2.18 -6.84	42.15 2.97 -3.82	46.10 4.11 0.00	51.77 4.88 0.00	54.65 5.33 0.00	43.33 3.97 0.00	36.53 2.92 0.00	34.01 2.78 0.00
REVERE_CPFR_DRP 24186	17.42 0.38 -0.72	14.48 0.31 -0.85	14.67 0.29 -0.75	12.33 0.25 -0.82	16.92 0.35 -0.60	21.29 0.51 -0.56	24.92 0.68 -0.96	38.05 1.00 -0.17	34.63 0.88 0.00	29.30 0.55 0.00	29.59 0.64 0.00	28.06 0.52 0.00	26.67 0.42 -0.03	27.60 0.38 -0.02	26.30 0.34 -0.12	26.97 0.40 -0.13	30.19 0.47 -0.29	36.27 0.74 -0.16	43.08 1.09 0.00	48.44 1.55 0.00	50.95 1.63 0.00	40.61 1.26 0.00	34.62 1.01 0.00	32.17 0.94 0.00
REYNOLDS_115KV_TB3 80639	33.56 0.60 -16.63	33.45 0.49 -19.63	31.40 0.50 -17.26	30.61 0.42 -18.94	30.48 0.59 -13.92	34.00 0.77 -13.01	46.27 0.86 -22.12	42.44 1.70 -3.86	35.04 1.28 0.00	29.88 1.12 0.00	30.09 1.13 0.00	28.64 1.10 0.00	27.90 1.05 -0.63	28.84 1.09 -0.56	29.58 1.03 -2.70	30.63 1.06 -3.13	37.16 1.06 -6.66	40.39 1.31 -3.72	43.50 1.51 0.00	48.49 1.59 0.00	50.95 1.63 0.00	40.53 1.18 0.00	34.55 0.94 0.00	32.10 0.87 0.00
RIVERBAY____ 323610	31.36 1.31 -13.74	30.62 1.08 -16.21	28.95 1.06 -14.25	27.76 0.88 -15.63	28.72 1.26 -11.49	32.52 1.56 -10.74	43.30 1.77 -18.24	43.17 3.10 -3.19	37.01 3.24 -0.02	31.60 2.76 -0.08	31.78 2.81 -0.01	30.35 2.67 -0.14	29.49 2.57 -0.70	30.48 2.69 -0.59	30.73 2.58 -2.30	31.81 2.67 -2.70	37.94 3.03 -5.47	42.61 3.68 -3.56	46.41 4.41 -0.02	51.64 4.74 -0.01	54.21 4.88 0.00	43.05 3.70 0.00	36.74 3.13 -0.01	33.89 2.65 -0.01
RIVERSDE_115KV_TB3 55908	33.51 0.52 -16.67	33.43 0.43 -19.68	31.38 0.45 -17.29	30.61 0.37 -18.98	30.44 0.53 -13.95	33.93 0.67 -13.04	46.20 0.75 -22.16	41.94 1.18 -3.87	34.73 0.98 0.00	29.62 0.86 0.00	29.83 0.87 0.00	28.39 0.85 0.00	27.66 0.81 -0.63	28.57 0.82 -0.56	29.33 0.78 -2.71	30.35 0.77 -3.14	37.00 0.88 -6.68	40.30 1.20 -3.73	43.33 1.34 0.00	48.30 1.41 0.00	50.76 1.43 0.00	40.42 1.06 0.00	34.45 0.84 0.00	32.01 0.78 0.00
ROARING___BROOK_WT_PWR 323790	15.80 -0.52 0.00	12.89 -0.44 0.00	13.20 -0.44 0.00	10.92 -0.34 0.00	15.49 -0.48 0.00	19.66 -0.57 0.00	22.59 -0.70 0.00	35.74 -1.14 0.00	32.57 -1.18 0.00	27.69 -1.06 0.00	27.92 -1.04 0.00	26.49 -1.05 0.00	25.22 -1.00 0.00	26.22 -0.98 0.00	24.92 -0.93 0.00	25.49 -0.95 0.00	28.38 -1.06 0.00	34.16 -1.20 0.00	40.73 -1.26 0.00	45.58 -1.31 0.00	48.10 -1.23 0.00	38.53 -0.83 0.00	33.00 -0.60 0.00	30.76 -0.47 0.00

ROCHESRG_115KV_T4 355643	17.36 -0.93 -1.97	14.97 -0.68 -2.32	14.96 -0.72 -2.04	12.89 -0.61 -2.24	16.80 -0.81 -1.65	20.59 -1.17 -1.54	24.60 -1.30 -2.62	35.27 -2.07 -0.46	32.13 -1.62 0.00	27.35 -1.41 0.00	27.45 -1.51 0.00	26.16 -1.38 0.00	25.06 -1.23 -0.07	25.88 -1.39 -0.07	24.93 -1.24 -0.32	25.46 -1.35 -0.37	28.78 -1.44 -0.78	34.18 -1.63 -0.44	39.93 -2.06 0.00	45.02 -1.88 0.00	47.45 -1.87 0.00	38.25 -1.10 0.00	32.73 -0.87 0.00	30.04 -1.19 0.00
ROCHESTER_9_IC 23652	17.43 -0.87 -1.98	15.03 -0.63 -2.33	15.02 -0.67 -2.05	12.96 -0.55 -2.25	16.87 -0.75 -1.65	20.70 -1.07 -1.55	24.73 -1.19 -2.63	35.50 -1.84 -0.46	32.30 -1.45 0.00	27.52 -1.24 0.00	27.63 -1.33 0.00	26.30 -1.24 0.00	25.19 -1.10 -0.07	26.01 -1.25 -0.07	25.06 -1.11 -0.32	25.60 -1.22 -0.37	28.93 -1.30 -0.79	34.36 -1.45 -0.44	40.18 -1.81 0.00	45.30 -1.59 0.00	47.80 -1.53 0.00	38.49 -0.87 0.00	32.94 -0.67 0.00	30.20 -1.03 0.00
ROCKVIEW_13_KV_LD 356306	31.19 1.14 -13.73	30.48 0.95 -16.21	28.81 0.93 -14.24	27.64 0.77 -15.62	28.53 1.09 -11.48	32.33 1.38 -10.73	43.14 1.61 -18.24	42.95 2.88 -3.19	36.83 3.07 0.00	31.49 2.73 0.00	31.74 2.78 0.00	30.21 2.67 0.00	29.33 2.60 -0.51	30.37 2.72 -0.46	30.67 2.61 -2.21	31.70 2.70 -2.56	37.93 3.03 -5.46	41.92 3.75 -2.81	46.22 4.24 0.00	51.40 4.50 0.00	53.86 4.54 0.00	42.66 3.31 0.00	36.30 2.69 0.00	33.51 2.28 0.00
ROME____115KV_TB2 80656	17.42 0.38 -0.72	14.48 0.31 -0.85	14.67 0.29 -0.75	12.33 0.25 -0.82	16.92 0.35 -0.60	21.29 0.51 -0.56	24.92 0.68 -0.96	38.05 1.00 -0.17	34.63 0.88 0.00	29.30 0.55 0.00	29.59 0.64 0.00	28.06 0.52 0.00	26.67 0.42 -0.03	27.60 0.38 -0.02	26.30 0.34 -0.12	26.97 0.40 -0.13	30.19 0.47 -0.29	36.27 0.74 -0.16	43.08 1.09 0.00	48.44 1.55 0.00	50.95 1.63 0.00	40.61 1.26 0.00	34.62 1.01 0.00	32.17 0.94 0.00
ROSETON___1 23587	30.83 0.88 -13.62	30.13 0.72 -16.08	28.50 0.72 -14.13	27.37 0.60 -15.51	28.22 0.85 -11.40	31.93 1.05 -10.66	42.62 1.21 -18.12	42.22 2.18 -3.17	36.08 2.33 0.00	30.83 2.07 0.00	31.07 2.11 0.00	29.58 2.04 0.00	28.72 1.99 -0.51	29.72 2.07 -0.45	30.04 1.99 -2.20	31.02 2.04 -2.55	37.16 2.30 -5.42	41.16 2.83 -2.96	45.22 3.23 0.00	50.31 3.42 0.00	52.78 3.45 0.00	41.83 2.48 0.00	35.56 1.95 0.00	32.98 1.75 0.00
ROSETON___2 23588	30.83 0.88 -13.62	30.13 0.72 -16.08	28.50 0.72 -14.13	27.37 0.60 -15.51	28.22 0.85 -11.40	31.93 1.05 -10.66	42.62 1.21 -18.12	42.22 2.18 -3.17	36.08 2.33 0.00	30.83 2.07 0.00	31.07 2.11 0.00	29.58 2.04 0.00	28.72 1.99 -0.51	29.72 2.07 -0.45	30.04 1.99 -2.20	31.02 2.04 -2.55	37.16 2.30 -5.42	41.16 2.83 -2.96	45.22 3.23 0.00	50.31 3.42 0.00	52.78 3.45 0.00	41.83 2.48 0.00	35.56 1.95 0.00	32.98 1.75 0.00
ROTRDAM_115KV_TB3 80664	34.17 0.59 -17.26	34.18 0.48 -20.37	32.05 0.50 -17.91	31.32 0.42 -19.65	31.00 0.59 -14.44	34.47 0.75 -13.50	47.12 0.89 -22.95	42.37 1.48 -4.01	35.07 1.32 0.00	29.88 1.12 0.00	30.06 1.10 0.00	28.59 1.05 0.00	27.84 0.97 -0.65	28.78 1.01 -0.58	29.57 0.93 -2.79	30.63 0.95 -3.24	37.42 1.09 -6.90	40.63 1.41 -3.85	43.79 1.81 0.00	48.91 2.02 0.00	51.40 2.07 0.00	40.89 1.53 0.00	34.82 1.21 0.00	32.35 1.12 0.00
RUSSELL___1 23602	17.50 -0.80 -1.98	15.09 -0.57 -2.33	15.07 -0.61 -2.05	12.99 -0.52 -2.25	16.94 -0.69 -1.65	20.78 -0.99 -1.55	24.85 -1.07 -2.63	35.65 -1.70 -0.46	32.47 -1.28 0.00	27.63 -1.12 0.00	27.77 -1.19 0.00	26.44 -1.10 0.00	25.32 -0.97 -0.07	26.15 -1.12 -0.07	25.19 -0.98 -0.32	25.73 -1.08 -0.37	29.04 -1.18 -0.79	34.53 -1.27 -0.44	40.39 -1.60 0.00	45.58 -1.31 0.00	48.09 -1.23 0.00	38.72 -0.63 0.00	33.10 -0.50 0.00	30.35 -0.87 0.00
RUSSELL___2 23532	17.50 -0.80 -1.98	15.09 -0.57 -2.33	15.07 -0.61 -2.05	12.99 -0.52 -2.25	16.94 -0.69 -1.65	20.78 -0.99 -1.55	24.85 -1.07 -2.63	35.65 -1.70 -0.46	32.47 -1.28 0.00	27.63 -1.12 0.00	27.77 -1.19 0.00	26.44 -1.10 0.00	25.32 -0.97 -0.07	26.15 -1.12 -0.07	25.19 -0.98 -0.32	25.73 -1.08 -0.37	29.04 -1.18 -0.79	34.53 -1.27 -0.44	40.39 -1.60 0.00	45.58 -1.31 0.00	48.09 -1.23 0.00	38.72 -0.63 0.00	33.10 -0.50 0.00	30.35 -0.87 0.00
RUSSELL___3 23549	17.50 -0.80 -1.98	15.09 -0.57 -2.33	15.07 -0.61 -2.05	12.99 -0.52 -2.25	16.94 -0.69 -1.65	20.78 -0.99 -1.55	24.85 -1.07 -2.63	35.65 -1.70 -0.46	32.47 -1.28 0.00	27.63 -1.12 0.00	27.77 -1.19 0.00	26.44 -1.10 0.00	25.32 -0.97 -0.07	26.15 -1.12 -0.07	25.19 -0.98 -0.32	25.73 -1.08 -0.37	29.04 -1.18 -0.79	34.53 -1.27 -0.44	40.39 -1.60 0.00	45.58 -1.31 0.00	48.09 -1.23 0.00	38.72 -0.63 0.00	33.10 -0.50 0.00	30.35 -0.87 0.00
RUSSELL___4 23556	17.50 -0.80 -1.98	15.09 -0.57 -2.33	15.07 -0.61 -2.05	12.99 -0.52 -2.25	16.94 -0.69 -1.65	20.78 -0.99 -1.55	24.85 -1.07 -2.63	35.65 -1.70 -0.46	32.47 -1.28 0.00	27.63 -1.12 0.00	27.77 -1.19 0.00	26.44 -1.10 0.00	25.32 -0.97 -0.07	26.15 -1.12 -0.07	25.19 -0.98 -0.32	25.73 -1.08 -0.37	29.04 -1.18 -0.79	34.53 -1.27 -0.44	40.39 -1.60 0.00	45.58 -1.31 0.00	48.09 -1.23 0.00	38.72 -0.63 0.00	33.10 -0.50 0.00	30.35 -0.87 0.00
RUSSELL___STATION 23914	17.50 -0.80 -1.98	15.09 -0.57 -2.33	15.07 -0.61 -2.05	12.99 -0.52 -2.25	16.94 -0.69 -1.65	20.78 -0.99 -1.55	24.85 -1.07 -2.63	35.65 -1.70 -0.46	32.47 -1.28 0.00	27.63 -1.12 0.00	27.77 -1.19 0.00	26.44 -1.10 0.00	25.32 -0.97 -0.07	26.15 -1.12 -0.07	25.19 -0.98 -0.32	25.73 -1.08 -0.37	29.04 -1.18 -0.79	34.53 -1.27 -0.44	40.39 -1.60 0.00	45.58 -1.31 0.00	48.09 -1.23 0.00	38.72 -0.63 0.00	33.10 -0.50 0.00	30.35 -0.87 0.00
S SALMON___HYD 24043	17.04 -0.29 -1.01	14.27 -0.24 -1.19	14.42 -0.26 -1.04	12.20 -0.20 -1.15	16.52 -0.29 -0.84	20.69 -0.32 -0.79	24.28 -0.35 -1.34	36.45 -0.66 -0.23	33.11 -0.64 0.00	28.12 -0.63 0.00	28.32 -0.64 0.00	26.88 -0.66 0.00	25.58 -0.68 -0.04	26.50 -0.73 -0.03	25.26 -0.75 -0.16	25.92 -0.71 -0.19	29.01 -0.82 -0.40	34.64 -0.95 -0.22	40.98 -1.01 0.00	46.05 -0.84 0.00	48.49 -0.84 0.00	38.72 -0.63 0.00	33.11 -0.50 0.00	30.76 -0.47 0.00
S.PERRY__115KV_TB1 80734	18.34 -0.59 -2.60	15.99 -0.41 -3.07	15.90 -0.44 -2.70	13.86 -0.36 -2.97	17.69 -0.46 -2.18	21.59 -0.67 -2.04	26.03 -0.72 -3.46	36.20 -1.29 -0.61	32.61 -1.15 0.00	27.46 -1.29 0.00	27.48 -1.48 0.00	26.14 -1.40 0.00	24.93 -1.39 -0.10	25.71 -1.58 -0.09	24.87 -1.40 -0.42	25.50 -1.43 -0.49	29.06 -1.41 -1.04	34.64 -1.31 -0.58	41.02 -0.97 0.00	46.85 -0.05 0.00	49.62 0.30 0.00	39.90 0.55 0.00	34.08 0.47 0.00	31.20 -0.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.22 -1.50 -2.40	15.04 -1.12 -2.83	14.94 -1.19 -2.49	13.02 -0.97 -2.73	16.59 -1.39 -2.01	20.18 -1.92 -1.88	24.27 -2.21 -3.19	33.94 -3.50 -0.56	31.43 -2.33 0.00	26.66 -2.10 0.00	26.67 -2.29 0.00	25.47 -2.07 0.00	24.27 -2.05 -0.09	24.97 -2.31 -0.08	24.20 -2.04 -0.39	24.73 -2.17 -0.46	28.05 -2.35 -0.97	33.22 -2.69 -0.54	38.88 -3.11 0.00	43.94 -2.95 0.00	46.42 -2.91 0.00	37.66 -1.69 0.00	32.36 -1.24 0.00	29.57 -1.66 0.00

SAWYER___23_KV_LOAD 55526	17.22	15.04	14.94	13.02	16.59	20.18	24.27	33.94	31.43	26.66	26.67	25.47	24.27	24.97	24.20	24.73	28.05	33.22	38.88	43.94	46.42	37.66	32.36	29.57
	-1.50	-1.12	-1.19	-0.97	-1.39	-1.92	-2.21	-3.50	-2.33	-2.10	-2.29	-2.07	-2.05	-2.31	-2.04	-2.17	-2.35	-2.69	-3.11	-2.95	-2.91	-1.69	-1.24	-1.66
	-2.40	-2.83	-2.49	-2.73	-2.01	-1.88	-3.19	-0.56	0.00	0.00	0.00	0.00	-0.09	-0.08	-0.39	-0.46	-0.97	-0.54	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___I 23801	33.21	33.09	31.08	30.28	30.19	33.66	45.80	41.76	34.67	29.48	29.62	28.17	27.36	28.28	28.97	29.97	36.56	39.88	43.20	48.25	50.76	40.45	34.45	32.07
	0.49	0.40	0.42	0.35	0.50	0.61	0.70	1.07	0.91	0.72	0.67	0.63	0.52	0.54	0.49	0.48	0.62	0.88	1.22	1.36	1.43	1.10	0.84	0.84
	-16.40	-19.36	-17.02	-18.68	-13.72	-12.83	-21.81	-3.81	0.00	0.00	0.00	0.00	-0.61	-0.54	-2.63	-3.05	-6.50	-3.63	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___II 23799	33.34	33.25	31.20	30.43	30.27	33.74	45.96	41.69	34.63	29.53	29.74	28.28	27.55	28.46	29.20	30.24	36.91	40.16	43.29	48.20	50.66	40.34	34.38	31.98
	0.46	0.37	0.38	0.31	0.45	0.57	0.65	0.96	0.88	0.78	0.78	0.74	0.71	0.71	0.67	0.69	0.85	1.10	1.30	1.31	1.33	0.98	0.77	0.75
	-16.56	-19.55	-17.18	-18.85	-13.86	-12.95	-22.02	-3.85	0.00	0.00	0.00	0.00	-0.62	-0.55	-2.68	-3.11	-6.62	-3.69	0.00	0.00	0.00	0.00	0.00	0.00
SENECA OSWGO___HYD 24041	17.11	14.36	14.52	12.30	16.59	20.72	24.34	36.40	33.08	28.18	28.32	26.96	25.71	26.61	25.43	26.04	29.23	34.69	40.94	45.86	48.24	38.45	32.87	30.51
	-0.31	-0.27	-0.26	-0.21	-0.30	-0.36	-0.42	-0.74	-0.67	-0.57	-0.64	-0.58	-0.55	-0.62	-0.59	-0.61	-0.65	-0.92	-1.05	-1.03	-1.09	-0.90	-0.74	-0.72
	-1.10	-1.30	-1.14	-1.25	-0.92	-0.86	-1.46	-0.26	0.00	0.00	0.00	0.00	-0.04	-0.04	-0.18	-0.21	-0.44	-0.25	0.00	0.00	0.00	0.00	0.00	0.00
SENECA___115KV_TB3 355854	17.34	15.17	15.07	13.16	16.70	20.32	24.45	34.07	31.59	26.74	26.79	25.59	24.27	24.97	24.21	24.74	28.14	33.34	39.26	44.41	46.96	38.09	32.73	29.92
	-1.49	-1.11	-1.16	-0.95	-1.36	-1.86	-2.17	-3.39	-2.16	-2.01	-2.17	-1.96	-2.05	-2.31	-2.04	-2.17	-2.30	-2.58	-2.73	-2.49	-2.37	-1.26	-0.87	-1.31
	-2.50	-2.95	-2.59	-2.85	-2.09	-1.96	-3.32	-0.58	0.00	0.00	0.00	0.00	-0.09	-0.08	-0.41	-0.47	-1.00	-0.56	0.00	0.00	0.00	0.00	0.00	0.00
SENECA___ENERGY 23797	17.81	15.23	15.28	13.13	17.20	21.25	25.32	36.58	33.18	28.18	28.29	26.93	25.66	26.55	25.48	26.08	29.45	34.97	41.23	46.28	48.74	39.04	33.44	30.79
	-0.39	-0.31	-0.30	-0.26	-0.34	-0.45	-0.47	-0.74	-0.57	-0.57	-0.66	-0.61	-0.63	-0.71	-0.67	-0.71	-0.73	-0.81	-0.75	-0.61	-0.59	-0.32	-0.17	-0.44
	-1.87	-2.21	-1.94	-2.13	-1.57	-1.47	-2.49	-0.44	0.00	0.00	0.00	0.00	-0.07	-0.06	-0.30	-0.35	-0.75	-0.42	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKER___GT 23640	29.43	28.55	27.08	25.87	27.05	30.78	40.76	41.54	35.68	30.45	30.64	29.16	28.26	29.27	29.45	30.43	36.23	40.56	44.67	49.80	52.24	41.40	35.25	32.67
	0.72	0.60	0.59	0.48	0.70	0.85	0.98	1.77	1.92	1.70	1.68	1.62	1.57	1.66	1.60	1.67	1.86	2.33	2.69	2.91	2.91	2.05	1.65	1.44
	-12.39	-14.63	-12.85	-14.12	-10.38	-9.70	-16.49	-2.88	0.00	0.00	0.00	0.00	-0.47	-0.41	-2.00	-2.32	-4.94	-2.86	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	29.35	28.46	27.00	25.78	26.98	30.73	40.66	41.52	35.71	30.48	30.67	29.19	28.28	29.29	29.46	30.44	36.22	40.57	44.71	49.80	52.24	41.44	35.32	32.67
	0.72	0.60	0.59	0.50	0.70	0.87	0.98	1.77	1.96	1.73	1.71	1.65	1.60	1.69	1.63	1.69	1.88	2.37	2.73	2.91	2.91	2.09	1.71	1.44
	-12.31	-14.53	-12.77	-14.03	-10.31	-9.64	-16.39	-2.86	0.00	0.00	0.00	0.00	-0.46	-0.41	-1.99	-2.30	-4.90	-2.83	0.00	0.00	0.00	0.00	0.00	0.00
SHOREHAM_IC_1 23715	31.06	30.20	28.44	27.43	28.23	32.80	43.56	44.42	36.96	31.95	31.53	30.40	29.31	30.85	31.05	32.22	38.67	43.88	47.75	52.53	54.66	44.08	36.57	33.92
	1.01	0.67	0.56	0.55	0.78	1.84	2.03	4.35	3.21	3.13	2.58	2.70	2.36	3.02	2.89	3.04	3.77	4.81	5.75	5.62	5.33	4.72	2.96	2.69
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.16	-0.73	-0.63	-2.30	-2.74	-5.47	-3.70	-0.01	-0.01	-0.01	-0.01	0.00	0.00
SHOREHAM_IC_2 23716	31.06	30.20	28.44	27.43	28.23	32.80	43.56	44.42	36.96	31.95	31.53	30.40	29.31	30.85	31.05	32.22	38.67	43.88	47.75	52.53	54.66	44.08	36.57	33.92
	1.01	0.67	0.56	0.55	0.78	1.84	2.03	4.35	3.21	3.13	2.58	2.70	2.36	3.02	2.89	3.04	3.77	4.81	5.75	5.62	5.33	4.72	2.96	2.69
	-13.73	-16.21	-14.25	-15.62	-11.48	-10.73	-18.24	-3.19	0.00	-0.06	0.00	-0.16	-0.73	-0.63	-2.30	-2.74	-5.47	-3.70	-0.01	-0.01	-0.01	-0.01	0.00	0.00
SISSONVILLE____ 23735	15.88	13.00	13.26	11.01	15.40	19.57	22.56	35.10	31.73	26.97	32.27	31.87	30.39	31.66	30.13	30.83	34.12	40.82	39.72	44.31	46.81	37.86	32.70	30.51
	-0.70	-0.63	-0.64	-0.54	-0.78	-0.85	-1.07	-1.84	-2.03	-1.78	-1.77	-1.82	-1.76	-1.66	-1.63	-1.64	-1.91	-2.16	-2.27	-2.58	-2.52	-1.50	-0.91	-0.72
	-0.26	-0.30	-0.27	-0.29	-0.21	-0.20	-0.34	-0.06	0.00	0.00	-5.08	-6.14	-5.93	-6.12	-5.91	-6.03	-6.60	-7.61	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS1 24169	16.72	13.96	14.14	11.91	16.25	20.32	23.79	35.94	32.71	27.86	28.06	26.69	25.44	26.35	25.16	25.75	28.83	34.28	40.43	45.21	47.55	37.98	32.47	30.20
	-0.46	-0.37	-0.38	-0.32	-0.43	-0.57	-0.63	-1.14	-1.05	-0.89	-0.90	-0.85	-0.81	-0.87	-0.83	-0.85	-0.94	-1.27	-1.55	-1.69	-1.77	-1.38	-1.14	-1.03
	-0.85	-1.00	-0.88	-0.97	-0.71	-0.66	-1.13	-0.20	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.14	-0.16	-0.34	-0.19	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS2 24170	16.72	13.96	14.14	11.91	16.25	20.32	23.79	35.94	32.71	27.86	28.06	26.69	25.44	26.35	25.16	25.75	28.83	34.28	40.43	45.21	47.55	37.98	32.47	30.20
	-0.46	-0.37	-0.38	-0.32	-0.43	-0.57	-0.63	-1.14	-1.05	-0.89	-0.90	-0.85	-0.81	-0.87	-0.83	-0.85	-0.94	-1.27	-1.55	-1.69	-1.77	-1.38	-1.14	-1.03
	-0.85	-1.00	-0.88	-0.97	-0.71	-0.66	-1.13	-0.20	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.14	-0.16	-0.34	-0.19	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS3 24171	16.72	13.96	14.14	11.91	16.25	20.32	23.79	35.94	32.71	27.86	28.06	26.69	25.44	26.35	25.16	25.75	28.83	34.28	40.43	45.21	47.55	37.98	32.47	30.20
	-0.46	-0.37	-0.38	-0.32	-0.43	-0.57	-0.63	-1.14	-1.05	-0.89	-0.90	-0.85	-0.81	-0.87	-0.83	-0.85	-0.94	-1.27	-1.55	-1.69	-1.77	-1.38	-1.14	-1.03
	-0.85	-1.00	-0.88	-0.97	-0.71	-0.66	-1.13	-0.20	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.14	-0.16	-0.34	-0.19	0.00	0.00	0.00	0.00	0.00	0.00
SITHE_IND_GS4 24172	16.72	13.96	14.14	11.91	16.25	20.32	23.79	35.94	32.71	27.86	28.06	26.69	25.44	26.35	25.16	25.75	28.83	34.28	40.43	45.21	47.55	37.98	32.47	30.20
	-0.46	-0.37	-0.38	-0.32	-0.43	-0.57	-0.63	-1.14	-1.05	-0.89	-0.90	-0.85	-0.81	-0.87	-0.83	-0.85	-0.94	-1.27	-1.55	-1.69	-1.77	-1.38	-1.14	-1.03
	-0.85	-1.00	-0.88	-0.97	-0.71	-0.66	-1.13	-0.20	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.14	-0.16	-0.34	-0.19	0.00	0.00	0.00	0.00	0.00	0.00

SITHE___BATAVIA 24024	17.42 -1.11 -2.20	15.13 -0.80 -2.60	15.07 -0.86 -2.29	13.06 -0.71 -2.51	16.86 -0.96 -1.85	20.59 -1.35 -1.73	24.69 -1.54 -2.93	35.00 -2.40 -0.51	32.07 -1.69 0.00	27.15 -1.61 0.00	27.19 -1.77 0.00	25.89 -1.65 0.00	24.70 -1.60 -0.08	25.47 -1.80 -0.07	24.66 -1.55 -0.36	25.16 -1.69 -0.41	28.55 -1.77 -0.88	33.98 -1.88 -0.49	39.93 -2.06 0.00	45.21 -1.69 0.00	47.70 -1.63 0.00	38.60 -0.75 0.00	33.54 -0.07 0.00	30.20 -1.03 0.00
SITHE___INDEPEND 23800	16.72 -0.46 -0.85	13.96 -0.37 -1.00	14.14 -0.38 -0.88	11.91 -0.32 -0.97	16.25 -0.43 -0.71	20.32 -0.57 -0.66	23.79 -0.63 -1.13	35.94 -1.14 -0.20	32.71 -1.05 0.00	27.87 -0.89 0.00	28.06 -0.90 0.00	26.69 -0.85 0.00	25.44 -0.81 -0.03	26.36 -0.87 -0.03	25.16 -0.83 -0.14	25.76 -0.85 -0.16	28.83 -0.94 -0.34	34.28 -1.27 -0.19	40.43 -1.55 0.00	45.21 -1.69 0.00	47.55 -1.78 0.00	37.98 -1.38 0.00	32.43 -1.18 0.00	30.20 -1.03 0.00
SITHE___MASSENA 23902	16.16 -0.16 0.00	13.14 -0.19 0.00	13.46 -0.18 0.00	11.10 -0.16 0.00	15.73 -0.24 0.00	20.00 -0.22 0.00	22.97 -0.33 0.00	36.26 -0.63 0.00	32.94 -0.81 0.00	28.04 -0.72 0.00	28.88 -0.70 -0.62	27.55 -0.74 -0.75	26.24 -0.71 -0.73	27.37 -0.57 -0.75	25.98 -0.59 -0.72	26.57 -0.61 -0.73	29.52 -0.71 -0.80	35.48 -0.81 -0.92	41.19 -0.80 0.00	45.77 -1.13 0.00	48.34 -0.99 0.00	38.96 -0.39 0.00	33.47 -0.13 0.00	31.20 -0.03 0.00
SITHE___OGDNSBRG 24021	16.14 -0.18 0.00	13.13 -0.20 0.00	13.43 -0.20 0.00	11.09 -0.17 0.00	15.70 -0.27 0.00	20.02 -0.20 0.00	22.99 -0.30 0.00	36.18 -0.70 0.00	32.74 -1.01 0.00	27.75 -1.01 0.00	31.32 -0.98 -3.35	30.52 -1.07 -4.05	29.05 -1.08 -3.90	30.30 -0.92 -4.03	28.79 -0.93 -3.87	29.46 -0.93 -3.94	32.66 -1.06 -4.28	39.28 -1.06 -4.98	41.06 -0.92 0.00	45.77 -1.13 0.00	48.39 -0.94 0.00	39.08 -0.28 0.00	33.64 0.03 0.00	31.35 0.12 0.00
SITHE___STERLING 23777	17.45 0.29 -0.83	14.55 0.24 -0.98	14.73 0.23 -0.86	12.41 0.20 -0.95	16.95 0.29 -0.70	21.28 0.40 -0.65	24.94 0.54 -1.11	37.89 0.81 -0.19	34.46 0.71 0.00	29.22 0.46 0.00	29.48 0.52 0.00	27.98 0.44 0.00	26.59 0.34 -0.03	27.55 0.33 -0.03	26.27 0.28 -0.13	26.92 0.32 -0.16	30.15 0.38 -0.33	36.15 0.60 -0.19	42.87 0.88 0.00	48.07 1.17 0.00	50.61 1.28 0.00	40.34 0.98 0.00	34.41 0.81 0.00	31.92 0.69 0.00
SLEIGHT__34_KV_TB1 80719	17.48 -0.72 -1.87	14.99 -0.55 -2.21	15.02 -0.56 -1.95	12.93 -0.46 -2.14	16.92 -0.62 -1.57	20.84 -0.85 -1.47	24.88 -0.91 -2.49	35.88 -1.44 -0.44	32.61 -1.15 0.00	27.72 -1.04 0.00	27.86 -1.10 0.00	26.49 -1.05 0.00	25.35 -0.94 -0.07	26.17 -1.09 -0.06	25.17 -0.98 -0.30	25.74 -1.06 -0.35	29.03 -1.15 -0.75	34.51 -1.27 -0.42	40.47 -1.51 0.00	45.58 -1.31 0.00	48.04 -1.28 0.00	38.57 -0.79 0.00	32.94 -0.67 0.00	30.29 -0.94 0.00
SOUTH CAIRO___GT 23612	32.70 0.49 -15.88	32.51 0.43 -18.75	30.56 0.44 -16.48	29.71 0.36 -18.09	29.77 0.51 -13.29	33.36 0.71 -12.43	45.30 0.89 -21.12	41.75 1.18 -3.69	35.17 1.42 0.00	29.96 1.21 0.00	29.94 0.98 0.00	28.37 0.83 0.00	27.26 0.45 -0.59	28.37 0.65 -0.52	28.79 0.41 -2.53	29.83 0.45 -2.94	36.33 0.65 -6.25	39.95 1.10 -3.49	44.46 2.48 0.00	49.33 2.44 0.00	51.89 2.56 0.00	41.16 1.81 0.00	35.12 1.51 0.00	32.63 1.41 0.00
SOUTH HAMPTN___IC 23720	31.15 1.09 -13.73	30.25 0.72 -16.21	28.48 0.60 -14.25	27.46 0.59 -15.62	28.30 0.85 -11.48	32.80 1.84 -10.73	43.61 2.07 -18.24	44.46 4.39 -3.19	37.06 3.31 0.00	32.04 3.22 -0.06	31.59 2.63 0.00	30.45 2.75 -0.16	29.39 2.44 -0.73	30.84 3.02 -0.63	31.02 2.87 -2.30	32.22 3.04 -2.74	38.61 3.71 -5.47	43.81 4.74 -3.70	47.66 5.67 -0.01	52.57 5.67 -0.01	54.76 5.43 -0.01	44.04 4.68 -0.01	36.60 2.99 0.00	33.94 2.72 0.00
SOUTHDOW_115KV_TB1 355954	17.67 -1.34 -2.69	15.53 -0.97 -3.18	15.41 -1.02 -2.79	13.52 -0.80 -3.06	17.06 -1.17 -2.25	20.79 -1.54 -2.11	25.12 -1.75 -3.58	34.96 -2.54 -0.63	32.74 -1.01 0.00	27.43 -1.32 0.00	27.39 -1.56 0.00	26.14 -1.40 0.00	24.62 -1.70 -0.10	25.36 -1.93 -0.09	24.61 -1.68 -0.44	25.18 -1.77 -0.51	28.84 -1.68 -1.08	34.27 -1.70 -0.60	40.72 -1.26 0.00	46.14 -0.75 0.00	48.93 -0.39 0.00	39.67 0.31 0.00	34.15 0.54 0.00	31.20 -0.03 0.00
SOUTHOLD_69_KV_BK 2 55809	31.13 1.08 -13.73	30.22 0.68 -16.21	28.43 0.55 -14.25	27.42 0.54 -15.62	28.22 0.77 -11.48	32.70 1.74 -10.73	43.54 2.00 -18.24	44.24 4.17 -3.19	36.96 3.21 0.00	31.93 3.11 -0.06	31.36 2.40 0.00	30.23 2.53 -0.16	29.18 2.23 -0.73	30.65 2.83 -0.63	30.87 2.71 -2.30	32.03 2.86 -2.74	38.35 3.44 -5.47	43.56 4.49 -3.70	47.24 5.25 -0.01	52.30 5.39 -0.01	54.66 5.33 -0.01	43.89 4.53 -0.01	36.87 3.26 0.00	33.85 2.62 0.00
SOUTHOLD___IC 23719	31.13 1.08 -13.73	30.22 0.68 -16.21	28.43 0.55 -14.25	27.42 0.54 -15.62	28.22 0.77 -11.48	32.70 1.74 -10.73	43.54 2.00 -18.24	44.35 4.28 -3.19	36.96 3.21 0.00	31.93 3.11 -0.06	31.36 2.40 0.00	30.23 2.53 -0.16	29.18 2.23 -0.73	30.65 2.83 -0.63	30.84 2.69 -2.30	32.03 2.86 -2.74	38.35 3.44 -5.47	43.56 4.49 -3.70	47.37 5.38 -0.01	52.29 5.39 -0.01	54.66 5.33 -0.01	43.89 4.52 -0.01	36.36 2.76 0.00	33.85 2.62 0.00
SOUTH_FORK_WT_PWR 323839	30.98 0.93 -13.73	30.08 0.55 -16.21	28.29 0.41 -14.25	27.30 0.42 -15.62	28.06 0.61 -11.48	32.49 1.54 -10.73	43.28 1.75 -18.24	43.94 3.87 -3.19	36.59 2.84 0.00	31.61 2.79 -0.06	30.92 1.97 0.00	29.85 2.15 -0.16	28.84 1.89 -0.73	30.27 2.45 -0.63	30.48 2.33 -2.30	31.69 2.51 -2.74	37.91 3.00 -5.47	43.03 3.96 -3.70	46.74 4.74 -0.01	51.64 4.73 -0.01	53.97 4.64 -0.01	43.38 4.02 -0.01	35.86 2.25 0.00	33.51 2.28 0.00
SPIERFLS_115KV_TB 1 80737	34.30 0.87 -17.11	34.22 0.69 -20.20	32.12 0.72 -17.76	31.35 0.61 -19.48	31.15 0.86 -14.32	34.74 1.13 -13.39	47.47 1.42 -22.76	43.22 2.36 -3.98	35.95 2.19 0.00	30.68 1.93 0.00	30.84 1.88 0.00	29.30 1.76 0.00	28.47 1.60 -0.65	29.37 1.60 -0.57	30.09 1.47 -2.77	31.14 1.48 -3.21	37.84 1.56 -6.84	41.24 2.05 -3.82	44.71 2.73 0.00	50.08 3.19 0.00	52.73 3.40 0.00	41.91 2.56 0.00	35.49 1.88 0.00	32.98 1.75 0.00
ST LAWRENCE____ 23600	16.00 -0.33 0.00	13.03 -0.29 0.00	13.34 -0.30 0.00	11.00 -0.26 0.00	15.60 -0.37 0.00	19.82 -0.40 0.00	22.76 -0.53 0.00	35.96 -0.92 0.00	32.71 -1.05 0.00	27.84 -0.92 0.00	27.82 -0.90 0.24	26.34 -0.91 0.29	25.10 -0.84 0.28	26.12 -0.79 0.29	24.79 -0.77 0.28	25.36 -0.79 0.29	28.19 -0.91 0.33	33.92 -1.06 0.38	40.81 -1.18 0.00	45.53 -1.36 0.00	48.04 -1.28 0.00	38.57 -0.79 0.00	33.07 -0.54 0.00	30.82 -0.41 0.00
STATE_CA_115KV_115_LB 55624	33.57 0.49 -16.76	33.53 0.41 -19.79	31.45 0.42 -17.39	30.69 0.35 -19.09	30.49 0.50 -14.03	33.97 0.63 -13.11	46.30 0.72 -22.29	41.85 1.07 -3.90	34.67 0.91 0.00	29.56 0.81 0.00	29.80 0.84 0.00	28.34 0.80 0.00	27.61 0.76 -0.63	28.52 0.76 -0.56	29.29 0.72 -2.72	30.31 0.71 -3.15	37.03 0.88 -6.71	40.28 1.17 -3.75	43.29 1.30 0.00	48.30 1.41 0.00	50.76 1.43 0.00	40.42 1.06 0.00	34.42 0.81 0.00	32.01 0.78 0.00

STATE_ST_34_KV_LOAD 55959	18.00 -0.15 -1.82	15.36 -0.12 -2.15	15.42 -0.11 -1.89	13.23 -0.10 -2.07	17.37 -0.13 -1.52	21.49 -0.16 -1.42	25.60 -0.12 -2.42	37.08 -0.22 -0.42	33.62 -0.14 0.00	28.58 -0.17 0.00	28.73 -0.23 0.00	27.32 -0.22 0.00	26.05 -0.24 -0.07	26.96 -0.30 -0.06	25.86 -0.28 -0.29	26.47 -0.32 -0.34	29.87 -0.29 -0.73	35.42 -0.35 -0.41	41.69 -0.29 0.00	46.80 -0.09 0.00	49.28 -0.05 0.00	39.31 -0.04 0.00	33.51 -0.10 0.00	31.04 -0.19 0.00
STATION 5_MISC_HYD 23604	17.43 -0.87 -1.98	15.03 -0.63 -2.33	15.02 -0.67 -2.05	12.96 -0.55 -2.25	16.87 -0.75 -1.65	20.70 -1.07 -1.55	24.73 -1.19 -2.63	35.50 -1.84 -0.46	32.34 -1.42 0.00	27.52 -1.24 0.00	27.63 -1.33 0.00	26.30 -1.24 0.00	25.17 -1.13 -0.07	26.01 -1.25 -0.07	25.08 -1.08 -0.32	25.60 -1.22 -0.37	28.93 -1.29 -0.79	34.35 -1.45 -0.44	40.22 -1.76 0.00	45.35 -1.55 0.00	47.80 -1.53 0.00	38.49 -0.87 0.00	33.27 -0.34 0.00	30.20 -1.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.59 -0.73 -2.00	15.14 -0.55 -2.36	15.15 -0.56 -2.07	13.06 -0.47 -2.28	17.02 -0.62 -1.67	20.92 -0.87 -1.56	25.02 -0.93 -2.66	35.87 -1.48 -0.46	32.57 -1.18 0.00	27.69 -1.06 0.00	27.80 -1.16 0.00	26.44 -1.10 0.00	25.27 -1.02 -0.08	26.09 -1.17 -0.07	25.14 -1.03 -0.32	25.68 -1.14 -0.37	29.05 -1.18 -0.80	34.54 -1.27 -0.44	40.56 -1.43 0.00	45.67 -1.22 0.00	48.14 -1.18 0.00	38.72 -0.63 0.00	33.07 -0.54 0.00	30.39 -0.84 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.37 -0.91 -1.96	14.96 -0.68 -2.31	14.95 -0.72 -2.03	12.89 -0.60 -2.23	16.81 -0.80 -1.64	20.62 -1.13 -1.53	24.64 -1.26 -2.61	35.38 -1.95 -0.46	32.20 -1.55 0.00	27.40 -1.35 0.00	27.54 -1.42 0.00	26.22 -1.32 0.00	25.11 -1.18 -0.07	25.93 -1.33 -0.07	24.98 -1.19 -0.32	25.51 -1.30 -0.37	28.80 -1.41 -0.78	34.21 -1.59 -0.44	40.01 -1.97 0.00	45.11 -1.78 0.00	47.60 -1.73 0.00	38.33 -1.02 0.00	32.77 -0.84 0.00	30.04 -1.19 0.00
STA_56___34_KV_BUS2 355983	17.37 -0.91 -1.96	14.96 -0.68 -2.31	14.95 -0.72 -2.03	12.89 -0.60 -2.23	16.81 -0.80 -1.64	20.62 -1.13 -1.53	24.64 -1.26 -2.61	35.38 -1.95 -0.46	32.20 -1.55 0.00	27.40 -1.35 0.00	27.54 -1.42 0.00	26.22 -1.32 0.00	25.11 -1.18 -0.07	25.93 -1.33 -0.07	24.98 -1.19 -0.32	25.51 -1.30 -0.37	28.80 -1.41 -0.78	34.21 -1.59 -0.44	40.01 -1.97 0.00	45.11 -1.78 0.00	47.60 -1.73 0.00	38.33 -1.02 0.00	32.77 -0.84 0.00	30.04 -1.19 0.00
STA_67___115KV_BK2 355882	17.40 -0.90 -1.97	15.00 -0.65 -2.33	14.99 -0.70 -2.05	12.93 -0.57 -2.25	16.84 -0.78 -1.65	20.66 -1.11 -1.55	24.68 -1.23 -2.63	35.39 -1.95 -0.46	32.24 -1.52 0.00	27.43 -1.32 0.00	27.57 -1.39 0.00	26.25 -1.29 0.00	25.14 -1.15 -0.07	25.96 -1.31 -0.07	25.00 -1.16 -0.32	25.54 -1.27 -0.37	28.87 -1.35 -0.79	34.29 -1.52 -0.44	40.05 -1.93 0.00	45.21 -1.69 0.00	47.65 -1.68 0.00	38.41 -0.94 0.00	32.84 -0.77 0.00	30.14 -1.09 0.00
STA_7___115KV_9TRANS 80674	17.50 -0.80 -1.98	15.09 -0.57 -2.33	15.07 -0.61 -2.05	12.99 -0.52 -2.25	16.94 -0.69 -1.65	20.78 -0.99 -1.55	24.85 -1.07 -2.63	35.65 -1.70 -0.46	32.47 -1.28 0.00	27.63 -1.12 0.00	27.77 -1.19 0.00	26.44 -1.10 0.00	25.32 -0.97 -0.07	26.15 -1.12 -0.07	25.19 -0.98 -0.32	25.73 -1.08 -0.37	29.04 -1.18 -0.79	34.53 -1.27 -0.44	40.39 -1.60 0.00	45.58 -1.31 0.00	48.09 -1.23 0.00	38.72 -0.63 0.00	33.10 -0.50 0.00	30.35 -0.87 0.00
STA_82___115KV_TB1 80780	17.42 -0.88 -1.98	15.01 -0.65 -2.34	15.00 -0.70 -2.06	12.94 -0.57 -2.26	16.86 -0.77 -1.66	20.68 -1.09 -1.55	24.72 -1.21 -2.64	35.43 -1.92 -0.46	32.24 -1.52 0.00	27.46 -1.29 0.00	27.57 -1.39 0.00	26.25 -1.29 0.00	25.14 -1.15 -0.07	25.96 -1.31 -0.07	25.01 -1.16 -0.32	25.57 -1.24 -0.37	28.87 -1.35 -0.79	34.29 -1.52 -0.44	40.10 -1.89 0.00	45.21 -1.69 0.00	47.70 -1.63 0.00	38.41 -0.94 0.00	32.87 -0.74 0.00	30.14 -1.09 0.00
STEEL___WIND 323596	17.32 -1.50 -2.50	15.16 -1.12 -2.95	15.04 -1.19 -2.59	13.14 -0.97 -2.85	16.67 -1.39 -2.09	20.28 -1.90 -1.96	24.40 -2.21 -3.32	34.00 -3.47 -0.58	31.56 -2.19 0.00	26.69 -2.07 0.00	26.73 -2.23 0.00	25.53 -2.01 0.00	24.19 -2.12 -0.09	24.91 -2.37 -0.08	24.19 -2.07 -0.41	24.72 -2.19 -0.47	28.08 -2.36 -1.00	33.31 -2.62 -0.56	39.26 -2.73 0.00	44.36 -2.53 0.00	46.91 -2.42 0.00	38.02 -1.34 0.00	33.14 -0.47 0.00	29.89 -1.34 0.00
STEPHTWN_115KV_BK_2 55603	33.49 0.55 -16.61	33.41 0.47 -19.61	31.35 0.48 -17.24	30.58 0.41 -18.92	30.43 0.56 -13.90	33.95 0.73 -13.00	46.24 0.86 -22.09	41.89 1.14 -3.86	34.80 1.05 0.00	29.62 0.86 0.00	29.83 0.87 0.00	28.37 0.83 0.00	27.63 0.79 -0.63	28.54 0.79 -0.56	29.27 0.72 -2.69	30.31 0.74 -3.12	37.09 1.00 -6.65	40.39 1.31 -3.71	43.54 1.55 0.00	48.58 1.69 0.00	51.05 1.73 0.00	40.65 1.30 0.00	34.62 1.01 0.00	32.17 0.94 0.00
STEUBEN_REC_LFGE 323667	18.51 -0.96 -3.15	16.29 -0.75 -3.71	16.17 -0.74 -3.26	14.23 -0.61 -3.58	17.73 -0.88 -2.63	21.51 -1.17 -2.46	26.15 -1.33 -4.18	35.44 -2.18 -0.73	32.13 -1.62 0.00	27.06 -1.70 0.00	27.07 -1.88 0.00	25.81 -1.74 0.00	24.45 -1.89 -0.12	25.24 -2.07 -0.10	24.45 -1.91 -0.51	25.05 -1.98 -0.59	28.69 -2.00 -1.26	34.05 -2.02 -0.70	40.43 -1.55 0.00	46.05 -0.84 0.00	48.88 -0.44 0.00	39.31 -0.04 0.00	33.68 0.07 0.00	30.92 -0.31 0.00
STILLWATER___SOLAR 323814	34.18 0.82 -17.04	34.11 0.67 -20.12	32.00 0.68 -17.68	31.23 0.57 -19.40	31.04 0.81 -14.26	34.61 1.05 -13.33	47.21 1.26 -22.66	42.94 2.10 -3.96	35.71 1.96 0.00	30.39 1.64 0.00	30.55 1.59 0.00	29.05 1.51 0.00	28.25 1.39 -0.64	29.18 1.41 -0.57	29.95 1.34 -2.75	30.98 1.35 -3.19	37.73 1.50 -6.80	41.11 1.94 -3.79	44.50 2.52 0.00	49.80 2.91 0.00	52.39 3.06 0.00	41.64 2.28 0.00	35.36 1.75 0.00	32.88 1.65 0.00
STONY___BROOK 24151	31.42 1.37 -13.73	30.51 0.97 -16.21	28.77 0.89 -14.25	27.67 0.79 -15.62	28.60 1.15 -11.48	32.92 1.96 -10.73	43.84 2.31 -18.24	44.61 4.54 -3.19	37.60 3.85 0.00	32.50 3.68 -0.06	32.28 3.33 0.00	31.01 3.30 -0.16	30.02 3.07 -0.73	31.26 3.43 -0.63	31.44 3.28 -2.30	32.62 3.44 -2.74	38.94 4.03 -5.47	44.09 5.02 -3.71	48.00 6.00 -0.01	53.14 6.24 -0.01	55.50 6.17 -0.01	44.24 4.88 -0.01	37.27 3.66 0.00	34.32 3.09 0.00
STURGEON_POOL_HYD 23609	31.07 0.80 -13.95	30.46 0.67 -16.47	28.77 0.65 -14.48	27.69 0.54 -15.89	28.41 0.77 -11.68	32.09 0.95 -10.92	42.97 1.12 -18.56	42.19 2.07 -3.24	36.15 2.40 0.00	30.80 2.04 0.00	30.98 2.03 0.00	29.50 1.96 0.00	28.58 1.84 -0.52	29.62 1.96 -0.46	29.95 1.86 -2.24	30.94 1.90 -2.59	37.08 2.12 -5.53	41.10 2.65 -3.08	45.26 3.27 0.00	50.46 3.56 0.00	52.88 3.55 0.00	41.87 2.52 0.00	35.73 2.12 0.00	33.04 1.81 0.00
ST_LAW_115_BK7_LBMP 345037	16.00 -0.33 0.00	13.02 -0.31 0.00	13.34 -0.30 0.00	11.00 -0.26 0.00	15.59 -0.38 0.00	19.80 -0.43 0.00	22.73 -0.56 0.00	35.92 -0.96 0.00	32.67 -1.08 0.00	27.81 -0.95 0.00	28.03 -0.93 0.00	26.60 -0.94 0.00	25.33 -0.89 0.00	26.38 -0.82 0.00	25.05 -0.80 0.00	25.62 -0.82 0.00	28.46 -0.97 0.00	34.23 -1.13 0.00	40.77 -1.22 0.00	45.49 -1.41 0.00	48.00 -1.33 0.00	38.57 -0.79 0.00	33.07 -0.54 0.00	30.82 -0.41 0.00

ST_LAW_115_BK8_LBMP 345038	16.00 -0.33 0.00	13.02 -0.31 0.00	13.34 -0.30 0.00	11.00 -0.26 0.00	15.59 -0.38 0.00	19.80 -0.43 0.00	22.73 -0.56 0.00	35.92 -0.96 0.00	32.67 -1.08 0.00	27.81 -0.95 0.00	28.03 -0.93 0.00	26.60 -0.94 0.00	25.33 -0.89 0.00	26.38 -0.82 0.00	25.05 -0.80 0.00	25.62 -0.82 0.00	28.46 -0.97 0.00	34.23 -1.13 0.00	40.77 -1.22 0.00	45.49 -1.41 0.00	48.00 -1.33 0.00	38.57 -0.79 0.00	33.07 -0.54 0.00	30.82 -0.41 0.00
ST_LAW_230_BK5_LBMP 345035	16.00 -0.33 0.00	13.03 -0.29 0.00	13.34 -0.30 0.00	11.00 -0.26 0.00	15.60 -0.37 0.00	19.82 -0.40 0.00	22.76 -0.53 0.00	35.96 -0.92 0.00	32.71 -1.05 0.00	27.84 -0.92 0.00	27.45 -0.90 0.61	25.90 -0.91 0.73	24.67 -0.84 0.71	25.68 -0.79 0.73	24.37 -0.77 0.70	24.94 -0.79 0.71	27.75 -0.91 0.78	33.41 -1.06 0.90	40.81 -1.18 0.00	45.53 -1.36 0.00	48.04 -1.28 0.00	38.57 -0.79 0.00	33.07 -0.54 0.00	30.82 -0.41 0.00
ST_LAW_230_BK6_LBMP 345036	16.00 -0.33 0.00	13.03 -0.29 0.00	13.34 -0.30 0.00	11.00 -0.26 0.00	15.60 -0.37 0.00	19.82 -0.40 0.00	22.76 -0.53 0.00	35.96 -0.92 0.00	32.71 -1.05 0.00	27.84 -0.92 0.00	27.45 -0.90 0.61	25.90 -0.91 0.73	24.67 -0.84 0.71	25.68 -0.79 0.73	24.37 -0.77 0.70	24.94 -0.79 0.71	27.75 -0.91 0.78	33.41 -1.06 0.90	40.81 -1.18 0.00	45.53 -1.36 0.00	48.04 -1.28 0.00	38.57 -0.79 0.00	33.07 -0.54 0.00	30.82 -0.41 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.80 0.82 -12.66	28.95 0.68 -14.95	27.44 0.67 -13.14	26.26 0.56 -14.43	27.38 0.80 -10.61	31.11 0.97 -9.92	41.27 1.12 -16.86	41.86 2.03 -2.95	35.98 2.23 0.00	30.74 1.98 0.00	30.93 1.97 0.00	29.44 1.90 0.00	28.56 1.86 -0.48	29.55 1.93 -0.42	29.78 1.89 -2.04	30.74 1.93 -2.37	36.66 2.18 -5.05	40.99 2.69 -2.94	45.05 3.06 0.00	50.18 3.28 0.00	52.58 3.26 0.00	41.68 2.32 0.00	35.52 1.92 0.00	32.82 1.59 0.00
SWANROAD_115KV_TB1 355699	16.90 -1.76 -2.34	14.75 -1.33 -2.76	14.66 -1.40 -2.43	12.77 -1.15 -2.66	16.30 -1.63 -1.96	19.81 -2.24 -1.83	23.77 -2.63 -3.11	33.30 -4.13 -0.54	30.58 -3.17 0.00	26.00 -2.76 0.00	26.03 -2.92 0.00	24.84 -2.70 0.00	23.77 -2.54 -0.09	24.45 -2.83 -0.08	23.69 -2.53 -0.38	24.21 -2.67 -0.44	27.48 -2.88 -0.93	32.56 -3.32 -0.52	38.04 -3.95 0.00	43.00 -3.89 0.00	45.43 -3.90 0.00	36.87 -2.48 0.00	31.69 -1.92 0.00	28.95 -2.28 0.00
SYNERGY___BIOGAS 323694	17.42 -1.11 -2.20	15.13 -0.80 -2.60	15.07 -0.86 -2.29	13.06 -0.71 -2.51	16.86 -0.96 -1.85	20.59 -1.35 -1.73	24.69 -1.54 -2.93	35.00 -2.40 -0.51	32.03 -1.72 0.00	27.15 -1.61 0.00	27.22 -1.74 0.00	25.89 -1.65 0.00	24.73 -1.57 -0.08	25.48 -1.80 -0.07	24.63 -1.58 -0.36	25.16 -1.69 -0.41	28.55 -1.77 -0.88	33.98 -1.87 -0.49	39.89 -2.10 0.00	45.16 -1.74 0.00	47.70 -1.63 0.00	38.61 -0.75 0.00	33.07 -0.54 0.00	30.20 -1.03 0.00
SYRACUSE___ENERGY_ST1 323597	17.62 -0.13 -1.43	14.89 -0.12 -1.68	15.01 -0.11 -1.48	12.79 -0.09 -1.62	17.04 -0.13 -1.19	21.18 -0.16 -1.12	25.02 -0.16 -1.90	36.92 -0.30 -0.33	33.48 -0.27 0.00	28.53 -0.23 0.00	28.67 -0.29 0.00	27.29 -0.25 0.00	26.01 -0.26 -0.05	26.95 -0.30 -0.05	25.77 -0.31 -0.23	26.39 -0.32 -0.27	29.68 -0.32 -0.57	35.22 -0.46 -0.32	41.48 -0.50 0.00	46.47 -0.42 0.00	48.88 -0.44 0.00	39.00 -0.35 0.00	33.27 -0.34 0.00	30.89 -0.34 0.00
SYRACUSE___ENERGY_ST2 323598	17.62 -0.13 -1.43	14.89 -0.12 -1.68	15.01 -0.11 -1.48	12.79 -0.09 -1.62	17.04 -0.13 -1.19	21.18 -0.16 -1.12	25.02 -0.16 -1.90	36.92 -0.30 -0.33	33.48 -0.27 0.00	28.53 -0.23 0.00	28.67 -0.29 0.00	27.29 -0.25 0.00	26.01 -0.26 -0.05	26.95 -0.30 -0.05	25.77 -0.31 -0.23	26.39 -0.32 -0.27	29.68 -0.32 -0.57	35.22 -0.46 -0.32	41.48 -0.50 0.00	46.47 -0.42 0.00	48.88 -0.44 0.00	39.00 -0.35 0.00	33.27 -0.34 0.00	30.89 -0.34 0.00
SYRACUSE___POWER 24017	17.67 -0.13 -1.47	14.95 -0.12 -1.74	15.06 -0.11 -1.53	12.85 -0.09 -1.68	17.08 -0.13 -1.23	21.22 -0.16 -1.15	25.09 -0.16 -1.96	36.93 -0.30 -0.34	33.52 -0.24 0.00	28.53 -0.23 0.00	28.70 -0.26 0.00	27.32 -0.22 0.00	26.04 -0.24 -0.06	26.95 -0.30 -0.05	25.80 -0.28 -0.24	26.43 -0.29 -0.28	29.73 -0.29 -0.59	35.27 -0.42 -0.33	41.52 -0.46 0.00	46.52 -0.38 0.00	48.93 -0.39 0.00	39.04 -0.31 0.00	33.31 -0.30 0.00	30.92 -0.31 0.00
TALLMAN___138KV_BK151 55660	30.28 0.95 -13.01	29.46 0.77 -15.36	27.91 0.78 -13.50	26.73 0.64 -14.83	27.78 0.91 -10.90	31.53 1.11 -10.19	41.92 1.30 -17.32	42.27 2.36 -3.03	36.39 2.63 0.00	31.09 2.33 0.00	31.27 2.32 0.00	29.77 2.23 0.00	28.91 2.20 -0.49	29.91 2.28 -0.43	30.15 2.20 -2.10	31.15 2.27 -2.43	37.15 2.53 -5.19	41.60 3.15 -3.08	45.55 3.57 0.00	50.64 3.75 0.00	53.08 3.75 0.00	42.07 2.72 0.00	35.83 2.22 0.00	33.07 1.84 0.00
TEALLAVE_115KV_TB7 355573	17.37 -0.18 -1.23	14.62 -0.16 -1.45	14.76 -0.15 -1.27	12.53 -0.12 -1.40	16.82 -0.18 -1.03	20.96 -0.22 -0.96	24.72 -0.21 -1.63	36.76 -0.41 -0.29	33.42 -0.34 0.00	28.47 -0.29 0.00	28.64 -0.32 0.00	27.24 -0.30 0.00	25.98 -0.29 -0.05	26.88 -0.35 -0.04	25.71 -0.34 -0.20	26.33 -0.34 -0.23	29.57 -0.35 -0.49	35.11 -0.53 -0.27	41.35 -0.63 0.00	46.33 -0.56 0.00	48.73 -0.59 0.00	38.84 -0.51 0.00	33.17 -0.44 0.00	30.79 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	17.19 -1.39 -2.26	14.97 -1.03 -2.67	14.89 -1.09 -2.34	12.94 -0.89 -2.57	16.62 -1.25 -1.89	20.25 -1.74 -1.77	24.29 -2.00 -3.00	34.27 -3.14 -0.53	31.43 -2.33 0.00	26.69 -2.07 0.00	26.73 -2.23 0.00	25.47 -2.07 0.00	24.34 -1.97 -0.09	25.07 -2.20 -0.08	24.28 -1.94 -0.37	24.78 -2.09 -0.42	28.13 -2.21 -0.90	33.39 -2.48 -0.50	39.13 -2.85 0.00	44.27 -2.63 0.00	46.76 -2.56 0.00	37.90 -1.46 0.00	32.50 -1.11 0.00	29.70 -1.53 0.00
TEMPLE___115KV_TB 2 55572	17.39 -0.18 -1.24	14.65 -0.15 -1.47	14.79 -0.14 -1.29	12.56 -0.11 -1.42	16.85 -0.16 -1.04	21.00 -0.20 -0.97	24.74 -0.21 -1.66	36.80 -0.37 -0.29	33.45 -0.30 0.00	28.50 -0.26 0.00	28.64 -0.32 0.00	27.26 -0.28 0.00	26.01 -0.26 -0.05	26.91 -0.33 -0.04	25.74 -0.31 -0.20	26.36 -0.32 -0.23	29.58 -0.35 -0.50	35.15 -0.50 -0.28	41.40 -0.59 0.00	46.38 -0.52 0.00	48.78 -0.54 0.00	38.88 -0.47 0.00	33.17 -0.44 0.00	30.82 -0.41 0.00
TIANA____69_KV_BK 1 55817	31.16 1.11 -13.73	30.27 0.73 -16.21	28.51 0.63 -14.25	27.49 0.61 -15.62	28.31 0.86 -11.48	32.82 1.86 -10.73	43.63 2.10 -18.24	44.39 4.32 -3.19	37.10 3.34 0.00	32.07 3.25 -0.06	31.68 2.72 0.00	30.51 2.81 -0.16	29.44 2.49 -0.73	30.90 3.07 -0.63	31.13 2.97 -2.30	32.30 3.12 -2.74	38.67 3.77 -5.47	43.88 4.81 -3.70	47.62 5.63 -0.01	52.67 5.77 -0.01	54.86 5.52 -0.01	44.12 4.76 -0.01	37.17 3.56 0.00	34.01 2.78 0.00
TILDEN___115KV_TB1 80814	17.67 -0.13 -1.47	14.95 -0.12 -1.74	15.06 -0.11 -1.53	12.85 -0.09 -1.68	17.08 -0.13 -1.23	21.22 -0.16 -1.15	25.09 -0.16 -1.96	36.93 -0.30 -0.34	33.52 -0.24 0.00	28.53 -0.23 0.00	28.70 -0.26 0.00	27.32 -0.22 0.00	26.04 -0.24 -0.06	26.95 -0.30 -0.05	25.80 -0.28 -0.24	26.43 -0.29 -0.28	29.73 -0.29 -0.59	35.27 -0.42 -0.33	41.52 -0.46 0.00	46.52 -0.38 0.00	48.93 -0.39 0.00	39.04 -0.31 0.00	33.31 -0.30 0.00	30.92 -0.31 0.00

TRIGEN___CC 323695	31.26 1.21 -13.73	30.44 0.91 -16.21	28.73 0.85 -14.25	27.60 0.72 -15.62	28.50 1.05 -11.48	32.51 1.56 -10.73	43.37 1.84 -18.24	43.50 3.43 -3.19	37.06 3.31 0.00	32.10 3.28 -0.06	32.06 3.10 0.00	30.99 3.00 -0.45	30.23 2.91 -1.10	31.08 2.96 -0.92	31.19 2.87 -2.47	32.38 2.91 -3.03	38.15 3.24 -5.48	44.04 3.85 -4.81	46.41 4.41 -0.02	51.79 4.88 -0.02	54.23 4.88 -0.02	42.95 3.58 -0.02	36.80 3.19 0.00	33.76 2.53 0.00
TRINITY___115KV___4 BK 55933	33.44 0.47 -16.64	33.36 0.39 -19.65	31.30 0.40 -17.27	30.54 0.33 -18.95	30.36 0.46 -13.93	33.83 0.59 -13.02	46.10 0.68 -22.13	41.78 1.03 -3.87	34.63 0.88 0.00	29.53 0.78 0.00	29.77 0.81 0.00	28.31 0.77 0.00	27.58 0.73 -0.63	28.49 0.73 -0.56	29.25 0.70 -2.70	30.26 0.69 -3.13	36.93 0.82 -6.67	40.18 1.10 -3.72	43.20 1.22 0.00	48.16 1.27 0.00	50.61 1.28 0.00	40.30 0.94 0.00	34.35 0.74 0.00	31.95 0.72 0.00
UNION___PROCESSING_DRP 323587	17.42 -0.88 -1.98	15.03 -0.64 -2.34	15.01 -0.68 -2.06	12.94 -0.57 -2.26	16.86 -0.77 -1.66	20.68 -1.09 -1.55	24.72 -1.21 -2.64	35.43 -1.92 -0.46	32.24 -1.52 0.00	27.46 -1.29 0.00	27.57 -1.39 0.00	26.25 -1.29 0.00	25.17 -1.13 -0.07	25.96 -1.31 -0.07	25.03 -1.14 -0.32	25.57 -1.24 -0.37	28.87 -1.35 -0.79	34.29 -1.52 -0.44	40.10 -1.89 0.00	45.21 -1.69 0.00	47.70 -1.63 0.00	38.45 -0.91 0.00	32.87 -0.74 0.00	30.14 -1.09 0.00
UPPER HUDSON___HYD 24058	34.30 0.86 -17.11	34.22 0.69 -20.20	32.12 0.72 -17.76	31.35 0.61 -19.48	31.15 0.86 -14.32	34.74 1.13 -13.39	47.47 1.42 -22.76	43.22 2.36 -3.98	35.95 2.19 0.00	30.68 1.93 0.00	30.84 1.88 0.00	29.30 1.76 0.00	28.47 1.60 -0.65	29.37 1.60 -0.57	30.12 1.50 -2.77	31.13 1.48 -3.21	37.84 1.56 -6.84	41.24 2.05 -3.82	44.71 2.73 0.00	50.08 3.19 0.00	52.73 3.40 0.00	41.91 2.56 0.00	35.49 1.88 0.00	32.98 1.75 0.00
UPPER RAQUET___HYD 24056	15.88 -0.70 -0.26	13.00 -0.63 -0.30	13.26 -0.64 -0.27	11.01 -0.54 -0.29	15.40 -0.78 -0.21	19.58 -0.85 -0.20	22.56 -1.07 -0.34	35.10 -1.84 -0.06	31.73 -2.02 0.00	26.97 -1.78 0.00	32.27 -1.77 -5.08	31.87 -1.82 -6.14	30.42 -1.73 -5.93	31.66 -1.66 -6.12	30.13 -1.63 -5.91	30.83 -1.64 -6.03	34.12 -1.91 -6.60	40.81 -2.16 -7.61	39.72 -2.27 0.00	44.27 -2.63 0.00	46.81 -2.51 0.00	37.86 -1.50 0.00	32.70 -0.91 0.00	30.51 -0.72 0.00
VALLEY44_115KV_TB2 355964	17.58 -1.53 -2.79	15.46 -1.16 -3.29	15.32 -1.21 -2.89	13.44 -0.99 -3.18	16.88 -1.42 -2.33	20.42 -1.98 -2.18	24.67 -2.33 -3.71	33.81 -3.73 -0.65	31.93 -1.82 0.00	26.94 -1.81 0.00	26.99 -1.97 0.00	25.75 -1.79 0.00	23.94 -2.39 -0.11	24.65 -2.64 -0.09	23.92 -2.38 -0.45	24.48 -2.49 -0.53	27.90 -2.65 -1.12	33.06 -2.94 -0.62	39.59 -2.39 0.00	44.60 -2.30 0.00	47.16 -2.17 0.00	38.09 -1.26 0.00	32.67 -0.94 0.00	30.07 -1.16 0.00
VALLEY___115KV_TB 1-4 80826	16.01 -0.31 0.00	13.13 -0.20 0.00	13.45 -0.19 0.00	11.16 -0.10 0.00	15.84 -0.13 0.00	20.14 -0.08 0.00	23.22 -0.07 0.00	36.70 -0.18 0.00	33.45 -0.30 0.00	28.21 -0.55 0.00	28.20 -0.75 0.00	26.58 -0.96 0.00	25.20 -1.02 0.00	26.08 -1.12 0.00	24.74 -1.11 0.00	25.28 -1.16 0.00	28.02 -1.41 0.00	33.74 -1.63 0.00	40.18 -1.81 0.00	45.06 -1.83 0.00	47.45 -1.87 0.00	38.02 -1.34 0.00	32.47 -1.14 0.00	30.26 -0.97 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.94 0.77 -5.85	20.88 0.65 -6.90	20.33 0.63 -6.07	18.46 0.54 -6.66	21.62 0.75 -4.90	25.77 0.97 -4.58	32.26 1.19 -7.78	40.20 1.95 -1.36	35.71 1.96 0.00	30.28 1.52 0.00	30.58 1.62 0.00	29.06 1.51 0.00	27.78 1.34 -0.22	28.73 1.33 -0.19	28.04 1.24 -0.95	28.83 1.30 -1.10	33.21 1.44 -2.34	38.54 1.87 -1.30	44.38 2.39 0.00	49.66 2.77 0.00	52.24 2.91 0.00	41.60 2.24 0.00	35.46 1.85 0.00	32.85 1.62 0.00
VISCHER___FERRY HYD 24020	33.83 0.69 -16.82	33.75 0.56 -19.86	31.67 0.57 -17.46	30.90 0.48 -19.16	30.73 0.69 -14.08	34.28 0.89 -13.16	46.71 1.05 -22.37	42.64 1.84 -3.91	35.54 1.79 0.00	30.28 1.52 0.00	30.46 1.50 0.00	29.00 1.46 0.00	28.24 1.39 -0.63	29.17 1.41 -0.56	29.91 1.34 -2.72	30.94 1.35 -3.15	37.64 1.50 -6.71	41.02 1.91 -3.74	44.29 2.31 0.00	49.42 2.53 0.00	51.94 2.61 0.00	41.28 1.93 0.00	35.12 1.51 0.00	32.67 1.44 0.00
V_A_10_SYNC_DSASP 323832	17.21 -1.27 -2.16	14.93 -0.95 -2.55	14.88 -1.00 -2.24	12.89 -0.82 -2.46	16.61 -1.17 -1.81	20.27 -1.64 -1.69	24.28 -1.89 -2.87	34.40 -2.99 -0.50	31.43 -2.33 0.00	26.74 -2.01 0.00	26.78 -2.17 0.00	25.56 -1.98 0.00	24.52 -1.78 -0.08	25.28 -1.98 -0.07	24.47 -1.73 -0.35	24.97 -1.88 -0.40	28.26 -2.03 -0.86	33.51 -2.34 -0.48	39.09 -2.90 0.00	44.03 -2.86 0.00	46.46 -2.86 0.00	37.58 -1.77 0.00	32.67 -0.94 0.00	29.54 -1.69 0.00
V_CMM_10_SYNC_DSASP 323787	16.08 -0.24 0.00	13.09 -0.24 0.00	13.41 -0.23 0.00	11.04 -0.21 0.00	15.65 -0.32 0.00	19.90 -0.32 0.00	22.85 -0.44 0.00	36.07 -0.81 0.00	32.84 -0.91 0.00	27.92 -0.83 0.00	28.18 -0.78 0.00	26.71 -0.83 0.00	25.43 -0.79 0.00	26.52 -0.68 0.00	25.18 -0.67 0.00	25.75 -0.69 0.00	28.61 -0.82 0.00	34.41 -0.95 0.00	40.98 -1.01 0.00	45.72 -1.17 0.00	48.24 -1.09 0.00	38.76 -0.59 0.00	33.24 -0.37 0.00	30.98 -0.25 0.00
V_CMP_10_SYNC_DSASP 323788	15.96 -0.36 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.88 -0.38 0.00	15.44 -0.53 0.00	19.74 -0.49 0.00	22.69 -0.61 0.00	35.92 -0.96 0.00	32.57 -1.18 0.00	27.58 -1.18 0.00	0.19 -1.19 27.58	-7.07 -1.24 33.37	-7.13 -1.18 32.17	-7.10 -1.09 33.21	-7.16 -1.11 31.89	-7.21 -1.16 32.49	-7.19 -1.32 35.30	-7.10 -1.45 41.01	40.60 -1.38 0.00	45.72 -1.17 0.00	48.54 -0.79 0.00	39.00 -0.35 0.00	33.47 -0.13 0.00	31.23 0.00 0.00
V_D_10_SYNC_DSASP 323841	16.16 -0.16 0.00	13.14 -0.19 0.00	13.46 -0.18 0.00	11.10 -0.16 0.00	15.73 -0.24 0.00	20.00 -0.22 0.00	22.97 -0.33 0.00	36.26 -0.63 0.00	32.94 -0.81 0.00	28.04 -0.72 0.00	28.84 -0.70 -0.58	27.50 -0.74 -0.70	26.19 -0.71 -0.68	27.32 -0.57 -0.70	25.93 -0.59 -0.67	26.52 -0.61 -0.68	29.47 -0.71 -0.74	35.42 -0.81 -0.86	41.19 -0.80 0.00	45.77 -1.13 0.00	48.34 -0.99 0.00	38.96 -0.39 0.00	33.47 -0.13 0.00	31.20 -0.03 0.00
V_E_10_SYNC_DSASP 323830	21.25 0.67 -4.25	18.93 0.59 -5.02	18.65 0.60 -4.41	16.69 0.59 -4.85	20.38 0.85 -3.56	24.73 1.17 -3.33	30.49 1.54 -5.66	40.16 2.29 -0.99	35.78 2.03 0.00	29.91 1.15 0.00	30.14 1.19 0.00	28.56 1.02 0.00	27.11 0.73 -0.16	27.99 0.65 -0.14	27.08 0.54 -0.69	27.90 0.66 -0.80	32.01 0.88 -1.70	37.83 1.52 -0.95	44.42 2.43 0.00	50.31 3.42 0.00	53.12 3.80 0.00	42.31 2.95 0.00	36.10 2.49 0.00	33.26 2.03 0.00
V_F_30_NSYNC___DSASP 323816	34.23 0.83 -17.07	34.15 0.67 -20.15	32.05 0.70 -17.71	31.28 0.59 -19.44	31.09 0.83 -14.29	34.65 1.07 -13.36	47.27 1.28 -22.70	42.99 2.14 -3.97	35.75 1.99 0.00	30.45 1.70 0.00	30.61 1.65 0.00	29.11 1.57 0.00	28.30 1.44 -0.64	29.21 1.44 -0.57	29.98 1.37 -2.76	31.02 1.37 -3.20	37.78 1.53 -6.82	41.15 1.98 -3.80	44.55 2.56 0.00	49.80 2.91 0.00	52.44 3.11 0.00	41.68 2.32 0.00	35.39 1.78 0.00	32.91 1.69 0.00

V_F_30_SYNC_DSASP 323786	33.56 0.49 -16.75	33.52 0.41 -19.78	31.44 0.42 -17.38	30.68 0.35 -19.08	30.48 0.50 -14.02	33.96 0.63 -13.11	46.29 0.72 -22.28	41.85 1.07 -3.89	34.67 0.91 0.00	29.56 0.81 0.00	29.80 0.84 0.00	28.34 0.80 0.00	27.61 0.76 -0.63	28.52 0.76 -0.56	29.29 0.72 -2.72	30.31 0.71 -3.15	37.03 0.88 -6.71	40.28 1.17 -3.74	43.29 1.30 0.00	48.30 1.41 0.00	50.76 1.43 0.00	40.42 1.06 0.00	34.42 0.81 0.00	32.01 0.78 0.00
V_XM_10_SYNC_DSASP 323789	15.96 -0.36 0.00	12.93 -0.40 0.00	13.23 -0.41 0.00	10.88 -0.38 0.00	15.44 -0.53 0.00	19.74 -0.49 0.00	22.69 -0.61 0.00	35.92 -0.96 0.00	32.57 -1.18 0.00	27.58 -1.18 0.00	0.19 -1.19 27.58	-7.07 -1.24 33.37	-7.13 -1.18 32.17	-7.10 -1.09 33.21	-7.16 -1.11 31.89	-7.21 -1.16 32.49	-7.19 -1.32 35.30	-7.10 -1.45 41.01	40.60 -1.38 0.00	45.72 -1.17 0.00	48.54 -0.79 0.00	39.00 -0.35 0.00	33.47 -0.13 0.00	31.23 0.00 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.45 1.00 -13.13	29.64 0.81 -15.50	28.07 0.80 -13.62	26.89 0.66 -14.97	27.93 0.96 -11.00	31.74 1.23 -10.28	42.24 1.47 -17.48	42.56 2.62 -3.05	36.62 2.87 0.00	31.26 2.50 0.00	31.45 2.49 0.00	29.94 2.40 0.00	29.05 2.33 -0.49	30.08 2.45 -0.44	30.34 2.38 -2.11	31.35 2.46 -2.45	37.27 2.62 -5.22	41.75 3.25 -3.13	45.68 3.69 0.00	50.79 3.89 0.00	53.27 3.95 0.00	42.19 2.83 0.00	35.93 2.32 0.00	33.17 1.94 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.26 1.21 -13.73	30.53 1.00 -16.21	28.86 0.98 -14.24	27.69 0.81 -15.62	28.61 1.17 -11.48	32.39 1.44 -10.73	43.23 1.70 -18.24	43.06 2.99 -3.19	37.04 3.27 -0.01	32.88 2.93 -1.19	32.01 2.98 -0.07	32.64 2.86 -2.24	32.45 2.78 -3.45	32.71 2.88 -2.63	32.17 2.77 -3.55	34.03 2.86 -4.73	38.13 3.21 -5.49	43.11 3.96 -3.78	46.45 4.45 -0.01	51.63 4.74 0.00	54.11 4.78 0.00	42.82 3.46 0.00	36.43 2.82 0.00	33.63 2.40 0.00
W50THST__13_KV_LOAD 356117	31.32 1.27 -13.73	30.58 1.05 -16.21	28.92 1.04 -14.24	27.73 0.86 -15.62	28.66 1.21 -11.48	32.47 1.52 -10.73	43.32 1.79 -18.24	43.24 3.17 -3.19	37.24 3.48 -0.01	33.11 3.16 -1.19	32.22 3.19 -0.07	32.86 3.08 -2.24	32.63 2.96 -3.45	32.92 3.10 -2.63	32.37 2.97 -3.55	34.24 3.07 -4.73	38.37 3.44 -5.49	43.39 4.24 -3.78	46.65 4.66 -0.01	51.92 5.02 0.00	54.36 5.03 0.00	43.01 3.66 0.00	36.57 2.96 0.00	33.76 2.53 0.00
WADING RIVER_IC_1 23522	31.03 0.98 -13.73	30.18 0.64 -16.21	28.42 0.53 -14.25	27.41 0.53 -15.62	28.20 0.75 -11.48	32.82 1.86 -10.73	43.56 2.03 -18.24	44.42 4.35 -3.19	36.93 3.17 0.00	31.93 3.11 -0.06	31.47 2.52 0.00	30.37 2.67 -0.16	29.28 2.33 -0.73	30.82 2.99 -0.63	31.02 2.87 -2.30	32.22 3.04 -2.74	38.70 3.80 -5.47	43.87 4.81 -3.70	47.75 5.75 -0.01	52.53 5.62 -0.01	54.62 5.28 -0.01	44.08 4.72 -0.01	36.53 2.92 0.00	33.88 2.65 0.00
WADING RIVER_IC_2 23547	31.03 0.98 -13.73	30.18 0.64 -16.21	28.42 0.53 -14.25	27.41 0.53 -15.62	28.20 0.75 -11.48	32.82 1.86 -10.73	43.56 2.03 -18.24	44.42 4.35 -3.19	36.93 3.17 0.00	31.93 3.11 -0.06	31.47 2.52 0.00	30.37 2.67 -0.16	29.28 2.33 -0.73	30.82 2.99 -0.63	31.02 2.87 -2.30	32.22 3.04 -2.74	38.70 3.80 -5.47	43.87 4.81 -3.70	47.75 5.75 -0.01	52.53 5.62 -0.01	54.62 5.28 -0.01	44.08 4.72 -0.01	36.53 2.92 0.00	33.88 2.65 0.00
WADING RIVER_IC_3 23601	31.03 0.98 -13.73	30.18 0.64 -16.21	28.42 0.53 -14.25	27.41 0.53 -15.62	28.20 0.75 -11.48	32.82 1.86 -10.73	43.56 2.03 -18.24	44.42 4.35 -3.19	36.93 3.17 0.00	31.93 3.11 -0.06	31.47 2.52 0.00	30.37 2.67 -0.16	29.28 2.33 -0.73	30.82 2.99 -0.63	31.02 2.87 -2.30	32.22 3.04 -2.74	38.70 3.80 -5.47	43.87 4.81 -3.70	47.75 5.75 -0.01	52.53 5.62 -0.01	54.62 5.28 -0.01	44.08 4.72 -0.01	36.53 2.92 0.00	33.88 2.65 0.00
WALDENNY_12_KV_BK2 80841	17.32 -1.49 -2.48	15.15 -1.11 -2.93	15.05 -1.16 -2.57	13.14 -0.95 -2.83	16.69 -1.36 -2.08	20.31 -1.86 -1.94	24.43 -2.17 -3.30	34.10 -3.36 -0.58	31.59 -2.16 0.00	26.74 -2.01 0.00	26.76 -2.20 0.00	25.56 -1.98 0.00	24.30 -2.02 -0.09	25.00 -2.28 -0.08	24.24 -2.02 -0.40	24.77 -2.14 -0.47	28.16 -2.27 -1.00	33.38 -2.55 -0.56	39.21 -2.77 0.00	44.36 -2.53 0.00	46.91 -2.42 0.00	38.06 -1.30 0.00	32.70 -0.91 0.00	29.89 -1.34 0.00
WALDEN__HYDRO 24148	30.38 0.88 -13.17	29.61 0.73 -15.55	28.03 0.72 -13.67	26.86 0.60 -15.01	27.86 0.86 -11.03	31.59 1.05 -10.31	42.05 1.23 -17.53	42.12 2.18 -3.06	36.15 2.40 0.00	30.83 2.07 0.00	31.01 2.06 0.00	29.50 1.96 0.00	28.63 1.91 -0.49	29.65 2.01 -0.44	29.91 1.94 -2.12	30.91 2.01 -2.46	36.93 2.27 -5.23	41.12 2.83 -2.92	45.26 3.27 0.00	50.41 3.52 0.00	52.88 3.55 0.00	41.87 2.52 0.00	35.69 2.08 0.00	32.98 1.75 0.00
WARRENSBURG____ 23737	34.30 0.87 -17.11	34.22 0.69 -20.20	32.12 0.72 -17.76	31.35 0.61 -19.48	31.15 0.86 -14.32	34.74 1.13 -13.39	47.47 1.42 -22.76	43.22 2.36 -3.98	35.95 2.19 0.00	30.68 1.93 0.00	30.84 1.88 0.00	29.30 1.76 0.00	28.47 1.60 -0.65	29.37 1.60 -0.57	30.09 1.47 -2.77	31.14 1.48 -3.21	37.84 1.56 -6.84	41.24 2.05 -3.82	44.71 2.73 0.00	50.08 3.19 0.00	52.73 3.40 0.00	41.91 2.56 0.00	35.49 1.88 0.00	32.98 1.75 0.00
WATERSIDE____6 8 9 23538	31.36 1.31 -13.74	30.61 1.07 -16.21	28.95 1.06 -14.25	27.75 0.87 -15.63	28.70 1.25 -11.49	32.50 1.54 -10.74	43.30 1.77 -18.24	43.21 3.14 -3.19	37.18 3.41 -0.02	33.63 2.96 -1.91	32.03 2.95 -0.12	33.98 2.84 -3.60	34.21 2.75 -5.24	34.03 2.88 -3.95	32.99 2.77 -4.37	35.35 2.86 -6.05	38.15 3.21 -5.50	43.23 3.93 -3.93	46.62 4.62 -0.02	51.78 4.88 -0.01	54.26 4.93 0.00	43.01 3.66 0.00	36.64 3.02 -0.01	33.83 2.59 -0.01
WATKINRD_115KV_LN8_ILLION 55919	16.23 -0.10 0.00	13.27 -0.05 0.00	13.58 -0.05 0.00	11.25 -0.01 0.00	15.95 -0.02 0.00	20.24 0.02 0.00	23.34 0.05 0.00	36.92 0.04 0.00	33.72 -0.03 0.00	28.58 -0.17 0.00	28.73 -0.23 0.00	27.21 -0.33 0.00	25.85 -0.37 0.00	26.79 -0.41 0.00	25.44 -0.41 0.00	26.02 -0.42 0.00	28.90 -0.53 0.00	34.77 -0.60 0.00	41.35 -0.63 0.00	46.24 -0.66 0.00	48.69 -0.64 0.00	38.88 -0.47 0.00	33.21 -0.40 0.00	30.89 -0.34 0.00
WATSON__69_KV_BK 1 55734	31.47 1.42 -13.73	30.56 1.03 -16.21	28.83 0.94 -14.25	27.71 0.83 -15.62	28.66 1.21 -11.48	32.92 1.96 -10.73	43.86 2.33 -18.24	44.53 4.46 -3.19	37.67 3.92 0.00	32.59 3.77 -0.06	32.40 3.45 0.00	31.10 3.39 -0.17	30.14 3.17 -0.74	31.29 3.45 -0.64	31.49 3.33 -2.31	32.65 3.46 -2.75	38.91 4.00 -5.47	44.10 4.99 -3.75	47.83 5.84 -0.01	53.19 6.28 -0.01	55.60 6.26 -0.01	44.20 4.84 -0.01	37.61 4.00 0.00	34.35 3.12 0.00
WDELAWARE__HYD 323627	29.63 0.90 -12.41	28.73 0.76 -14.65	27.25 0.74 -12.87	26.01 0.62 -14.13	27.23 0.88 -10.39	31.05 1.11 -9.71	41.10 1.30 -16.51	42.02 2.25 -2.88	36.15 2.40 0.00	30.74 1.98 0.00	30.90 1.94 0.00	29.39 1.85 0.00	28.49 1.81 -0.46	29.51 1.90 -0.41	29.68 1.84 -1.99	30.68 1.93 -2.31	36.51 2.15 -4.92	40.88 2.76 -2.75	45.26 3.28 0.00	50.55 3.66 0.00	53.03 3.70 0.00	41.95 2.60 0.00	35.73 2.12 0.00	33.07 1.84 0.00

WEST BABYLON___IC 23714	31.46 1.40 -13.73	30.56 1.03 -16.21	28.83 0.94 -14.25	27.70 0.82 -15.62	28.65 1.20 -11.48	32.84 1.88 -10.73	43.79 2.26 -18.24	44.31 4.24 -3.19	37.57 3.81 0.00	32.50 3.68 -0.06	32.37 3.42 0.00	31.07 3.33 -0.20	30.15 3.15 -0.78	31.21 3.35 -0.67	31.43 3.26 -2.33	32.58 3.36 -2.78	38.73 3.83 -5.47	43.95 4.74 -3.85	47.50 5.50 -0.01	52.86 5.96 -0.01	55.30 5.97 -0.01	43.93 4.57 -0.01	37.47 3.86 0.00	34.26 3.03 0.00
WEST CANADA___HYD 24049	16.39 0.07 0.00	13.38 0.05 0.00	13.69 0.05 0.00	11.30 0.05 0.00	16.03 0.06 0.00	20.33 0.10 0.00	23.41 0.12 0.00	37.07 0.19 0.00	33.96 0.20 0.00	28.90 0.14 0.00	29.10 0.15 0.00	27.68 0.14 0.00	26.35 0.13 0.00	27.33 0.14 0.00	25.95 0.10 0.00	26.58 0.13 0.00	29.58 0.15 0.00	35.54 0.18 0.00	42.20 0.21 0.00	47.18 0.28 0.00	49.57 0.25 0.00	39.55 0.20 0.00	33.74 0.13 0.00	31.35 0.13 0.00
WESTERN_NY_WIND 24143	17.41 -1.14 -2.23	15.13 -0.83 -2.63	15.06 -0.89 -2.31	13.06 -0.73 -2.54	16.84 -0.99 -1.86	20.57 -1.40 -1.74	24.67 -1.58 -2.96	34.93 -2.47 -0.52	31.97 -1.79 0.00	27.09 -1.67 0.00	27.16 -1.80 0.00	25.86 -1.68 0.00	24.68 -1.63 -0.08	25.42 -1.85 -0.07	24.61 -1.60 -0.36	25.14 -1.72 -0.42	28.53 -1.80 -0.89	33.92 -1.95 -0.50	39.80 -2.18 0.00	45.06 -1.83 0.00	47.65 -1.68 0.00	38.53 -0.83 0.00	33.04 -0.57 0.00	30.17 -1.06 0.00
WESTOVER___LESR 323668	20.65 -0.10 -4.43	18.48 -0.08 -5.23	18.17 -0.07 -4.60	16.25 -0.06 -5.04	19.60 -0.08 -3.71	23.53 -0.16 -3.47	29.02 -0.16 -5.89	37.65 -0.26 -1.03	33.79 0.03 0.00	28.73 -0.03 0.00	28.87 -0.09 0.00	27.46 -0.08 0.00	26.23 -0.16 -0.17	27.13 -0.22 -0.15	26.36 -0.21 -0.72	27.06 -0.21 -0.83	31.03 -0.18 -1.77	36.21 -0.14 -0.99	42.03 0.04 0.00	47.13 0.23 0.00	49.62 0.30 0.00	39.63 0.28 0.00	33.84 0.24 0.00	31.32 0.09 0.00
WETHRSFD_WT_PWR 323626	17.66 -1.45 -2.79	15.50 -1.12 -3.29	15.39 -1.15 -2.90	13.49 -0.95 -3.18	16.96 -1.34 -2.34	20.59 -1.82 -2.18	24.86 -2.14 -3.71	34.03 -3.50 -0.65	31.09 -2.67 0.00	26.25 -2.50 0.00	26.27 -2.69 0.00	25.09 -2.45 0.00	23.83 -2.49 -0.11	24.57 -2.72 -0.09	23.84 -2.46 -0.45	24.45 -2.51 -0.52	27.90 -2.65 -1.12	33.09 -2.90 -0.62	39.17 -2.81 0.00	44.50 -2.39 0.00	47.26 -2.07 0.00	38.17 -1.18 0.00	33.14 -0.47 0.00	30.07 -1.15 0.00
WHAVSTOR_138KV_BK127 55557	30.43 0.95 -13.16	29.65 0.79 -15.53	28.07 0.78 -13.65	26.90 0.64 -15.00	27.92 0.93 -11.02	31.66 1.13 -10.30	42.16 1.35 -17.51	42.38 2.43 -3.06	36.42 2.67 0.00	31.14 2.39 0.00	31.33 2.37 0.00	29.83 2.29 0.00	28.94 2.23 -0.49	29.97 2.34 -0.44	30.22 2.25 -2.12	31.23 2.33 -2.46	37.27 2.59 -5.24	41.73 3.22 -3.15	45.64 3.65 0.00	50.74 3.85 0.00	53.22 3.90 0.00	42.15 2.79 0.00	35.89 2.29 0.00	33.13 1.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.43 0.95 -13.16	29.65 0.79 -15.53	28.07 0.78 -13.65	26.90 0.64 -15.00	27.92 0.93 -11.02	31.66 1.13 -10.30	42.16 1.35 -17.51	42.38 2.43 -3.06	36.42 2.67 0.00	31.14 2.39 0.00	31.33 2.37 0.00	29.83 2.29 0.00	28.94 2.23 -0.49	29.97 2.34 -0.44	30.22 2.25 -2.12	31.23 2.33 -2.46	37.27 2.59 -5.24	41.73 3.22 -3.15	45.64 3.65 0.00	50.74 3.85 0.00	53.22 3.90 0.00	42.15 2.79 0.00	35.89 2.29 0.00	33.13 1.90 0.00
WHITEHAL_115KV_TB1 80871	34.48 1.06 -17.09	34.35 0.84 -20.18	32.25 0.87 -17.74	31.47 0.74 -19.47	31.31 1.04 -14.31	34.99 1.40 -13.38	47.82 1.79 -22.73	43.77 2.91 -3.97	36.42 2.67 0.00	31.00 2.24 0.00	31.10 2.14 0.00	29.55 2.01 0.00	28.65 1.78 -0.64	29.56 1.80 -0.57	30.25 1.63 -2.77	31.32 1.67 -3.21	38.07 1.80 -6.84	41.59 2.40 -3.82	45.30 3.32 0.00	50.79 3.89 0.00	53.57 4.24 0.00	42.50 3.15 0.00	35.93 2.32 0.00	33.42 2.19 0.00
WHITEPLN_13_KV_LOAD 356215	31.20 1.18 -13.70	30.47 0.97 -16.17	28.81 0.95 -14.21	27.63 0.79 -15.59	28.54 1.12 -11.45	32.33 1.40 -10.71	43.12 1.63 -18.20	43.01 2.95 -3.18	36.89 3.14 0.00	31.58 2.76 -0.06	31.77 2.81 0.00	30.35 2.70 -0.11	29.48 2.60 -0.66	30.51 2.75 -0.56	30.78 2.66 -2.27	31.86 2.75 -2.67	37.97 3.09 -5.45	42.61 3.78 -3.46	46.35 4.37 0.00	51.49 4.60 0.00	53.96 4.64 0.00	42.74 3.38 0.00	36.33 2.72 0.00	33.54 2.31 0.00
WM_FLOYD_69_KV_BK2 356380	31.21 1.16 -13.73	30.32 0.79 -16.21	28.58 0.70 -14.25	27.53 0.65 -15.62	28.39 0.94 -11.48	32.80 1.84 -10.73	43.65 2.12 -18.24	44.35 4.28 -3.19	37.16 3.41 0.00	32.16 3.34 -0.06	31.82 2.87 0.00	30.62 2.92 -0.16	29.60 2.65 -0.73	30.95 3.13 -0.63	31.18 3.02 -2.30	32.33 3.15 -2.74	38.67 3.77 -5.47	43.84 4.77 -3.70	47.58 5.58 -0.01	52.72 5.81 -0.01	54.96 5.62 -0.01	44.05 4.68 -0.01	37.24 3.63 0.00	34.04 2.81 0.00
WOODARD___115KV_TB2 355635	17.38 -0.20 -1.26	14.64 -0.17 -1.48	14.78 -0.16 -1.30	12.55 -0.14 -1.43	16.83 -0.19 -1.05	20.96 -0.24 -0.98	24.71 -0.26 -1.67	36.70 -0.48 -0.29	33.35 -0.41 0.00	28.41 -0.35 0.00	28.58 -0.38 0.00	27.18 -0.36 0.00	25.93 -0.34 -0.05	26.83 -0.41 -0.04	25.66 -0.39 -0.20	26.28 -0.40 -0.24	29.52 -0.41 -0.50	35.05 -0.60 -0.28	41.27 -0.71 0.00	46.24 -0.66 0.00	48.64 -0.69 0.00	38.76 -0.59 0.00	33.10 -0.50 0.00	30.73 -0.50 0.00
YORK___WARBASSE 23770	31.48 1.42 -13.74	30.70 1.16 -16.21	29.04 1.15 -14.25	27.83 0.95 -15.63	28.80 1.34 -11.49	32.66 1.70 -10.74	43.44 1.91 -18.24	43.46 3.39 -3.19	37.45 3.68 -0.02	33.66 2.99 -1.91	32.06 2.98 -0.12	34.04 2.89 -3.60	34.24 2.78 -5.24	34.08 2.94 -3.95	33.04 2.82 -4.37	35.40 2.91 -6.05	38.29 3.36 -5.50	43.40 4.10 -3.93	46.96 4.95 -0.02	52.16 5.25 -0.01	54.66 5.33 -0.01	43.33 3.97 0.00	36.91 3.29 -0.01	34.08 2.84 -0.01