

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/16/2025

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	30.81	28.80	26.67	26.51	27.15	26.88	31.59	34.64	37.99	34.56	37.23	34.44	34.63	34.37	33.63	33.81	37.78	41.55	45.31	51.30	46.22	38.20	33.63	31.92
24138	1.46	1.34	1.38	1.24	1.29	1.31	1.17	1.25	1.35	1.54	1.82	1.88	1.84	1.72	1.70	2.02	2.41	2.44	3.04	3.18	2.90	2.27	1.78	1.58
	-5.41	-6.23	-3.44	-5.28	-5.10	-5.36	-10.95	-13.23	-15.53	-8.63	-7.41	-5.37	-5.27	-6.52	-6.16	-2.96	-1.46	-5.30	-0.09	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.88	28.82	26.69	26.53	27.17	26.90	31.65	34.70	38.01	34.64	37.32	34.50	34.69	34.43	33.68	33.90	37.88	41.62	45.39	51.40	46.30	38.27	33.73	32.04
24260	1.53	1.36	1.40	1.26	1.31	1.33	1.23	1.31	1.37	1.61	1.90	1.93	1.90	1.78	1.75	2.11	2.51	2.50	3.12	3.27	2.99	2.34	1.88	1.70
	-5.41	-6.23	-3.44	-5.28	-5.10	-5.36	-10.95	-13.23	-15.53	-8.63	-7.41	-5.37	-5.27	-6.52	-6.16	-2.96	-1.46	-5.30	-0.09	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.88	28.82	26.69	26.53	27.17	26.90	31.65	34.70	38.01	34.64	37.32	34.50	34.69	34.43	33.68	33.90	37.88	41.62	45.39	51.40	46.30	38.27	33.73	32.04
24261	1.53	1.36	1.40	1.26	1.31	1.33	1.23	1.31	1.37	1.61	1.90	1.93	1.90	1.78	1.75	2.11	2.51	2.50	3.12	3.27	2.99	2.34	1.88	1.70
	-5.41	-6.23	-3.44	-5.28	-5.10	-5.36	-10.95	-13.23	-15.53	-8.63	-7.41	-5.37	-5.27	-6.52	-6.16	-2.96	-1.46	-5.30	-0.09	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	32.10	30.25	27.39	27.71	28.30	28.03	34.30	37.83	41.75	36.65	39.00	35.61	35.88	35.95	35.11	34.48	37.98	42.69	45.20	51.54	46.22	38.16	33.73	32.04
24011	1.39	1.21	1.22	1.10	1.14	1.11	1.11	1.09	1.18	1.44	1.71	1.69	1.76	1.65	1.62	1.93	2.24	2.23	2.91	3.42	2.90	2.23	1.88	1.70
	-6.78	-7.81	-4.32	-6.61	-6.40	-6.72	-13.72	-16.57	-19.46	-10.82	-9.28	-6.73	-6.60	-8.17	-7.72	-3.71	-1.82	-6.64	-0.11	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.18	30.32	27.45	27.77	28.37	28.10	34.37	37.90	41.82	36.73	39.12	35.73	36.00	36.06	35.22	34.60	38.12	42.83	45.41	51.83	46.43	38.34	33.86	32.13
23798	1.46	1.27	1.29	1.16	1.20	1.17	1.17	1.15	1.25	1.51	1.82	1.79	1.87	1.75	1.73	2.05	2.37	2.37	3.12	3.71	3.12	2.41	2.01	1.79
	-6.79	-7.81	-4.32	-6.62	-6.40	-6.72	-13.73	-16.59	-19.47	-10.83	-9.29	-6.73	-6.61	-8.18	-7.73	-3.71	-1.82	-6.64	-0.11	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	32.10	30.25	27.39	27.71	28.30	28.03	34.30	37.83	41.75	36.65	39.00	35.61	35.88	35.95	35.11	34.48	37.98	42.69	45.20	51.54	46.22	38.16	33.73	32.04
24028	1.39	1.21	1.22	1.10	1.14	1.11	1.11	1.09	1.18	1.44	1.71	1.69	1.76	1.65	1.62	1.93	2.24	2.23	2.91	3.42	2.90	2.23	1.88	1.70
	-6.78	-7.81	-4.32	-6.61	-6.40	-6.72	-13.72	-16.57	-19.46	-10.82	-9.28	-6.73	-6.60	-8.17	-7.72	-3.71	-1.82	-6.64	-0.11	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	31.80	29.94	27.21	27.42	27.99	27.76	33.80	37.29	41.13	36.22	38.51	35.08	35.32	35.40	34.56	34.09	37.61	42.15	44.74	50.77	45.61	37.80	33.47	31.86
23527	1.32	1.17	1.20	1.04	1.06	1.07	1.09	1.13	1.25	1.39	1.54	1.39	1.43	1.38	1.34	1.67	1.93	1.93	2.45	2.65	2.29	1.87	1.62	1.52
	-6.54	-7.54	-4.17	-6.38	-6.17	-6.49	-13.24	-16.00	-18.78	-10.44	-8.96	-6.49	-6.37	-7.89	-7.45	-3.58	-1.76	-6.41	-0.11	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.41	29.60	26.86	27.16	27.75	27.46	33.50	36.96	40.74	35.80	38.06	34.75	34.99	35.06	34.22	33.64	37.11	41.63	44.06	50.05	44.96	37.27	33.03	31.41
24190	0.91	0.81	0.83	0.76	0.79	0.75	0.74	0.75	0.78	0.93	1.06	1.03	1.07	1.02	0.98	1.21	1.42	1.39	1.77	1.92	1.65	1.33	1.18	1.06
	-6.57	-7.56	-4.18	-6.40	-6.20	-6.51	-13.29	-16.06	-18.85	-10.48	-8.99	-6.52	-6.40	-7.91	-7.48	-3.59	-1.77	-6.43	-0.11	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	23.79	21.13	21.74	19.88	20.64	20.08	19.35	20.08	21.00	24.34	27.92	27.06	27.33	26.03	25.66	28.64	33.75	33.55	41.76	47.74	43.10	35.65	31.69	30.16
355683	-0.14	-0.11	-0.11	-0.12	-0.12	-0.12	-0.12	-0.08	-0.11	-0.05	-0.08	-0.14	-0.19	-0.10	-0.10	-0.20	-0.17	-0.27	-0.42	-0.38	-0.22	-0.29	-0.16	-0.18
	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	31.37	29.52	26.83	27.10	27.66	27.39	33.32	36.69	40.42	35.62	37.88	34.64	34.85	34.90	34.10	33.58	37.08	41.56	44.23	50.29	45.22	37.45	33.19	31.56
323833	0.98	0.85	0.87	0.80	0.81	0.79	0.78	0.75	0.78	0.93	1.04	1.03	1.05	0.99	0.98	1.21	1.42	1.42	1.94	2.17	1.90	1.51	1.34	1.22
	-6.46	-7.44	-4.11	-6.30	-6.09	-6.40	-13.07	-15.78	-18.53	-10.30	-8.84	-6.41	-6.29	-7.78	-7.35	-3.53	-1.74	-6.32	-0.11	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	31.35	29.52	26.83	27.10	27.66	27.39	33.30	36.69	40.42	35.62	37.88	34.64	34.85	34.88	34.10	33.55	37.08	41.56	44.19	50.29	45.22	37.45	33.16	31.56
323834	0.96	0.85	0.87	0.80	0.81	0.79	0.76	0.75	0.78	0.93	1.04	1.03	1.05	0.97	0.98	1.18	1.42	1.42	1.90	2.17	1.90	1.51	1.31	1.22
	-6.46	-7.44	-4.11	-6.30	-6.09	-6.40	-13.07	-15.79	-18.53	-10.30	-8.84	-6.41	-6.29	-7.78	-7.35	-3.53	-1.74	-6.32	-0.11	0.00	0.00	0.00	0.00	0.00
ALBANY___1	31.41	29.60	26.86	27.16	27.75	27.46	33.50	36.96	40.74	35.80	38.06	34.75	34.99	35.06	34.22	33.64	37.11	41.63	44.06	50.05	44.96	37.27	33.03	31.41
23571	0.91	0.81	0.83	0.76	0.79	0.75	0.74	0.75	0.78	0.93	1.06	1.03	1.07	1.02	0.98	1.21	1.42	1.39	1.77	1.92	1.65	1.33	1.18	1.06
	-6.57	-7.56	-4.18	-6.40	-6.20	-6.51	-13.29	-16.06	-18.85	-10.48	-8.99	-6.52	-6.40	-7.91	-7.48	-3.59	-1.77	-6.43	-0.11	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	31.41 0.91 -6.57	29.60 0.81 -7.56	26.86 0.83 -4.18	27.16 0.76 -6.40	27.75 0.79 -6.20	27.46 0.75 -6.51	33.50 0.74 -13.29	36.96 0.75 -16.06	40.74 0.78 -18.85	35.80 0.93 -10.48	38.06 1.06 -8.99	34.75 1.03 -6.52	34.99 1.07 -6.40	35.06 1.02 -7.91	34.22 0.98 -7.48	33.64 1.21 -3.59	37.11 1.42 -1.77	41.63 1.39 -6.43	44.06 1.77 -0.11	50.05 1.92 0.00	44.96 1.65 0.00	37.27 1.33 0.00	33.03 1.18 0.00	31.41 1.06 0.00
ALBANY___3 23573	31.41 0.91 -6.57	29.60 0.81 -7.56	26.86 0.83 -4.18	27.16 0.76 -6.40	27.75 0.79 -6.20	27.46 0.75 -6.51	33.50 0.74 -13.29	36.96 0.75 -16.06	40.74 0.78 -18.85	35.80 0.93 -10.48	38.06 1.06 -8.99	34.75 1.03 -6.52	34.99 1.07 -6.40	35.06 1.02 -7.91	34.22 0.98 -7.48	33.64 1.21 -3.59	37.11 1.42 -1.77	41.63 1.39 -6.43	44.06 1.77 -0.11	50.05 1.92 0.00	44.96 1.65 0.00	37.27 1.33 0.00	33.03 1.18 0.00	31.41 1.06 0.00
ALBANY___4 23574	31.41 0.91 -6.57	29.60 0.81 -7.56	26.86 0.83 -4.18	27.16 0.76 -6.40	27.75 0.79 -6.20	27.46 0.75 -6.51	33.50 0.74 -13.29	36.96 0.75 -16.06	40.74 0.78 -18.85	35.80 0.93 -10.48	38.06 1.06 -8.99	34.75 1.03 -6.52	34.99 1.07 -6.40	35.06 1.02 -7.91	34.22 0.98 -7.48	33.64 1.21 -3.59	37.11 1.42 -1.77	41.63 1.39 -6.43	44.06 1.77 -0.11	50.05 1.92 0.00	44.96 1.65 0.00	37.27 1.33 0.00	33.03 1.18 0.00	31.41 1.06 0.00
ALBANY___LFGE 323615	31.57 1.01 -6.63	29.76 0.89 -7.63	26.98 0.92 -4.22	27.30 0.84 -6.46	27.86 0.85 -6.25	27.60 0.83 -6.57	33.70 0.82 -13.41	37.17 0.81 -16.20	40.99 0.87 -19.01	35.99 1.02 -10.57	38.28 1.20 -9.07	34.94 1.17 -6.57	35.18 1.21 -6.45	35.26 1.15 -7.98	34.44 1.13 -7.55	33.82 1.36 -3.62	37.30 1.59 -1.78	41.86 1.56 -6.49	44.27 1.98 -0.11	50.29 2.17 0.00	45.22 1.90 0.00	37.45 1.51 0.00	33.16 1.31 0.00	31.53 1.18 0.00
ALCOA_PA_115KV_PL-6C 55860	23.82 -0.12 0.00	21.15 -0.08 0.00	22.47 -0.09 -0.71	20.77 -0.10 -0.87	21.56 -0.10 -0.90	20.75 -0.10 -0.65	19.98 -0.12 -0.63	20.98 -0.06 -0.88	21.94 -0.08 -0.92	25.42 0.00 -1.03	29.10 -0.06 -1.15	28.21 -0.11 -1.12	28.48 -0.17 -1.13	27.16 -0.05 -1.08	26.78 -0.05 -1.07	29.83 -0.17 -1.16	35.11 -0.14 -1.33	34.90 -0.24 -1.32	43.40 -0.38 -1.59	49.45 -0.24 -1.57	43.18 -0.13 0.00	35.72 -0.22 0.00	31.75 -0.10 0.00	30.19 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	23.82 -0.12 0.00	21.15 -0.08 0.00	22.47 -0.09 -0.71	20.77 -0.10 -0.87	21.56 -0.10 -0.90	20.75 -0.10 -0.65	19.98 -0.12 -0.63	20.98 -0.06 -0.88	21.94 -0.08 -0.92	25.42 0.00 -1.03	29.10 -0.06 -1.15	28.21 -0.11 -1.12	28.48 -0.17 -1.13	27.16 -0.05 -1.08	26.78 -0.05 -1.07	29.83 -0.17 -1.16	35.11 -0.14 -1.33	34.90 -0.24 -1.32	43.40 -0.38 -1.59	49.45 -0.24 -1.57	43.18 -0.13 0.00	35.72 -0.22 0.00	31.75 -0.10 0.00	30.19 -0.15 0.00
ALCOA___DSASP 323711	23.82 -0.12 0.00	21.15 -0.08 0.00	22.47 -0.09 -0.71	20.77 -0.10 -0.87	21.56 -0.10 -0.90	20.75 -0.10 -0.65	19.98 -0.12 -0.63	21.00 -0.04 -0.88	21.94 -0.08 -0.92	25.42 0.00 -1.03	29.10 -0.06 -1.15	28.21 -0.11 -1.12	28.48 -0.16 -1.13	27.16 -0.05 -1.08	26.79 -0.05 -1.07	29.89 -0.11 -1.16	35.11 -0.14 -1.33	34.90 -0.24 -1.32	43.39 -0.38 -1.59	49.45 -0.24 -1.57	43.18 -0.13 0.00	35.72 -0.21 0.00	31.75 -0.10 0.00	30.22 -0.12 0.00
ALLEGHENY___COGEN 23514	23.04 -1.12 -0.23	20.47 -1.02 -0.26	20.97 -1.03 -0.15	20.08 -0.94 -1.02	19.96 -1.02 -0.21	20.16 -0.97 -0.92	20.61 -0.97 -2.11	21.25 -1.19 -2.28	20.31 -1.39 -0.59	22.88 -1.85 -0.34	25.89 -2.41 -0.30	24.98 -2.45 -0.22	26.24 -2.48 -1.19	23.88 -2.46 -0.21	23.64 -2.32 -0.20	26.67 -2.74 -0.57	31.03 -2.92 -0.02	31.48 -2.50 -0.16	39.78 -2.40 -0.01	46.30 -1.83 0.00	41.62 -1.69 0.00	34.93 -1.01 0.00	31.05 -0.79 0.00	29.49 -0.85 0.00
ALTAMONT_115KV_TB 2 55880	31.24 0.74 -6.57	29.45 0.66 -7.56	26.70 0.68 -4.18	27.02 0.62 -6.40	27.60 0.64 -6.19	27.34 0.63 -6.51	33.36 0.60 -13.29	36.84 0.63 -16.05	40.60 0.65 -18.84	35.60 0.73 -10.48	37.84 0.84 -8.99	34.56 0.84 -6.51	34.77 0.85 -6.39	34.85 0.81 -7.91	34.04 0.80 -7.48	33.41 0.98 -3.59	36.84 1.15 -1.77	41.40 1.15 -6.43	43.77 1.48 -0.11	49.71 1.59 0.00	44.70 1.39 0.00	37.05 1.11 0.00	32.80 0.96 0.00	31.22 0.88 0.00
ALTONA_WT_PWR 323606	22.81 -1.12 0.00	20.30 -0.93 0.00	-0.13 -1.03 20.95	-6.84 -0.94 25.90	-6.79 -1.00 26.56	-0.14 -1.03 19.31	-0.18 -0.99 18.66	-6.80 -0.95 26.01	-6.85 -0.87 27.10	-6.85 -0.80 30.44	-6.86 -0.90 33.97	-6.84 -0.98 33.06	-6.86 -1.02 33.36	-6.87 -0.92 32.08	-6.87 -0.93 31.71	-6.80 -1.18 34.45	-6.76 -1.36 39.33	-6.76 -1.49 39.09	-6.75 -1.77 47.16	-0.44 -2.16 46.39	42.06 -1.26 0.00	34.82 -1.11 0.00	30.89 -0.95 0.00	29.28 -1.06 0.00
AMERICAN_REF_FUEL 24010	21.70 -2.68 -0.45	19.35 -2.40 -0.51	19.71 -2.43 -0.29	18.67 -2.24 -0.91	18.82 -2.37 -0.42	18.82 -2.24 -0.86	19.21 -2.16 -1.90	19.77 -2.52 -2.13	19.78 -2.58 -1.25	21.90 -3.19 -0.70	24.72 -3.89 -0.61	23.92 -3.73 -0.44	23.83 -3.66 0.03	23.02 -3.61 -0.50	22.68 -3.56 -0.47	24.64 -4.18 0.02	29.06 -4.95 -0.10	29.55 -4.67 -0.40	36.45 -5.74 -0.01	41.68 -6.45 0.00	37.25 -6.06 0.00	31.55 -4.39 0.00	28.28 -3.57 0.00	26.88 -3.46 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.31 -3.06 -0.44	18.98 -2.76 -0.50	19.36 -2.77 -0.29	18.46 -2.56 -1.02	18.52 -2.66 -0.41	18.61 -2.55 -0.96	19.24 -2.36 -2.13	19.97 -2.56 -2.37	19.71 -2.62 -1.22	21.98 -3.10 -0.69	25.07 -3.53 -0.59	24.18 -3.45 -0.43	24.15 -3.44 -0.08	23.37 -3.24 -0.48	23.10 -3.12 -0.45	25.55 -3.32 -0.03	30.08 -3.93 -0.09	30.35 -3.86 -0.39	37.47 -4.72 -0.01	43.02 -5.10 0.00	38.59 -4.72 0.00	32.67 -3.27 0.00	29.17 -2.68 0.00	27.79 -2.55 0.00
ARTHUR KILL_GT_1 23520	48.43 1.70 -22.79	36.61 1.51 -13.87	27.06 1.66 -3.56	26.79 1.40 -5.39	27.31 1.43 -5.11	27.21 1.53 -5.47	47.85 2.04 -26.33	47.87 2.34 -25.37	48.44 1.44 -25.90	48.43 1.83 -22.21	49.05 1.96 -19.09	49.05 3.07 -18.78	50.13 3.08 -19.53	50.10 1.75 -22.22	50.10 2.89 -21.45	50.14 3.34 -17.96	52.54 3.73 -14.89	52.76 2.37 -16.57	52.81 4.64 -5.99	52.83 4.52 -0.19	52.82 4.94 -4.57	50.37 4.27 -10.16	49.10 3.06 -14.19	47.90 1.97 -15.58
ARTHUR_KILL_2 23512	48.38 1.65 -22.79	36.55 1.44 -13.87	27.02 1.62 -3.56	26.75 1.36 -5.39	27.27 1.39 -5.11	27.15 1.47 -5.47	47.81 2.01 -26.33	47.81 2.28 -25.37	48.38 1.37 -25.90	48.38 1.78 -22.21	49.00 1.91 -19.09	49.00 3.02 -18.78	50.05 3.00 -19.53	50.05 1.70 -22.22	50.05 2.83 -21.45	50.05 3.26 -17.96	52.44 3.63 -14.89	52.69 2.30 -16.57	52.69 4.52 -5.99	52.69 4.38 -0.19	52.69 4.81 -4.57	50.30 4.20 -10.16	49.00 2.96 -14.19	47.81 1.88 -15.58
ARTHUR_KILL_3 23513	47.99 1.27 -22.79	36.27 1.17 -13.87	26.59 1.20 -3.55	26.46 1.08 -5.38	26.99 1.12 -5.10	26.80 1.13 -5.47	46.73 0.93 -26.32	46.51 0.99 -25.36	48.16 1.14 -25.91	47.95 1.34 -22.21	48.70 1.60 -19.10	47.50 1.52 -18.77	48.53 1.49 -19.52	49.83 1.49 -22.21	48.60 1.39 -21.44	48.43 1.64 -17.95	50.82 2.00 -14.90	52.56 2.17 -16.58	50.67 2.49 -6.00	50.92 2.60 -0.20	50.21 2.34 -4.56	47.89 1.80 -10.15	47.43 1.40 -14.18	47.25 1.33 -15.58

ARTHUR_KILL_COGEN 323718	48.43 1.70 -22.79	36.61 1.51 -13.87	27.06 1.66 -3.56	26.79 1.40 -5.39	27.31 1.43 -5.11	27.21 1.53 -5.47	47.85 2.04 -26.33	47.87 2.34 -25.37	48.44 1.44 -25.90	48.43 1.83 -22.21	49.05 1.96 -19.09	49.05 3.07 -18.78	50.13 3.08 -19.53	50.10 1.75 -22.22	50.10 2.89 -21.45	50.14 3.34 -17.96	52.54 3.73 -14.89	52.76 2.37 -16.57	52.81 4.64 -5.99	52.83 4.52 -0.19	52.82 4.94 -4.57	50.37 4.27 -10.16	49.10 3.06 -14.19	47.90 1.97 -15.58
ASHOKAN____ 23654	30.12 0.17 -6.02	28.25 0.09 -6.93	25.76 0.09 -3.83	25.95 0.08 -5.87	26.50 0.06 -5.68	26.33 0.16 -5.96	31.79 0.14 -12.18	35.00 0.12 -14.71	38.42 0.04 -17.27	34.02 0.02 -9.60	36.27 0.03 -8.24	33.23 0.05 -5.97	33.46 0.08 -5.86	33.38 0.00 -7.25	32.67 0.05 -6.85	32.27 0.14 -3.29	35.84 0.30 -1.62	39.98 0.27 -5.89	44.56 2.28 -0.10	50.96 2.84 0.00	45.82 2.51 0.00	37.88 1.94 0.00	33.54 1.69 0.00	31.89 1.55 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.79 1.44 -5.42	28.83 1.36 -6.24	26.63 1.33 -3.45	26.54 1.26 -5.28	27.20 1.33 -5.11	26.87 1.29 -5.37	31.21 0.78 -10.96	34.73 1.35 -13.22	37.87 1.25 -15.52	34.53 1.51 -8.63	37.17 1.77 -7.40	34.54 1.98 -5.36	34.76 1.98 -5.26	34.29 1.65 -6.51	33.80 1.88 -6.15	33.98 2.19 -2.95	37.94 2.58 -1.45	41.44 2.33 -5.29	45.47 3.20 -0.08	51.29 3.18 0.01	46.43 3.12 0.01	38.37 2.44 0.01	33.80 1.94 -0.01	31.78 1.43 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	30.79 1.44 -5.42	28.85 1.38 -6.24	26.63 1.33 -3.45	26.54 1.26 -5.28	27.20 1.33 -5.11	26.87 1.29 -5.37	31.23 0.80 -10.96	34.73 1.35 -13.22	37.87 1.25 -15.52	34.53 1.51 -8.63	37.17 1.77 -7.40	34.54 1.98 -5.36	34.76 1.98 -5.26	34.29 1.65 -6.51	33.80 1.88 -6.15	33.98 2.19 -2.95	37.94 2.58 -1.45	41.44 2.33 -5.29	45.47 3.20 -0.08	51.29 3.18 0.01	46.43 3.12 0.01	38.37 2.44 0.01	33.80 1.94 -0.01	31.78 1.43 -0.01
ASTORIA_GT2_1 24094	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT2_2 24095	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT2_3 24096	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT2_4 24097	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT3_1 24098	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT3_2 24099	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT3_3 24100	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT3_4 24101	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT4_1 24102	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT4_2 24103	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT4_3 24104	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00

ASTORIA_GT4_4 24105	30.79 1.44 -5.42	28.85 1.38 -6.24	26.70 1.40 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	31.60 1.17 -10.96	34.57 1.19 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.05 2.12 0.01	33.54 1.69 -0.01	31.92 1.58 0.00
ASTORIA_GT_1 23523	30.84 1.48 -5.42	28.87 1.40 -6.24	26.68 1.38 -3.45	26.58 1.30 -5.28	27.22 1.35 -5.11	26.91 1.33 -5.37	31.25 0.82 -10.96	34.77 1.39 -13.22	37.92 1.29 -15.52	34.58 1.56 -8.63	37.23 1.82 -7.40	34.60 2.04 -5.36	34.82 2.04 -5.26	34.34 1.70 -6.51	33.85 1.93 -6.15	34.04 2.25 -2.95	38.01 2.65 -1.45	41.51 2.40 -5.29	45.56 3.29 -0.08	51.43 3.32 0.01	46.51 3.21 0.01	38.44 2.51 0.01	33.83 1.98 -0.01	31.84 1.49 -0.01
ASTORIA_GT_10 24110	31.31 1.56 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.93 1.35 -5.37	32.24 1.25 -11.52	35.15 1.31 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.90 -7.83	36.63 1.90 -7.53	36.98 1.90 -7.56	35.01 1.78 -7.10	36.11 1.73 -8.62	36.29 2.08 -5.37	40.01 2.48 -3.62	43.43 2.50 -7.11	46.31 3.08 -1.05	51.32 3.18 -0.02	46.99 2.95 -0.73	38.65 2.34 -0.38	34.26 1.88 -0.53	32.07 1.73 0.00
ASTORIA_GT_11 24225	31.31 1.56 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.93 1.35 -5.37	32.24 1.25 -11.52	35.15 1.31 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.90 -7.83	36.63 1.90 -7.53	36.98 1.90 -7.56	35.01 1.78 -7.10	36.11 1.73 -8.62	36.29 2.08 -5.37	40.01 2.48 -3.62	43.43 2.50 -7.11	46.31 3.08 -1.05	51.32 3.18 -0.02	46.99 2.95 -0.73	38.65 2.34 -0.38	34.26 1.88 -0.53	32.07 1.73 0.00
ASTORIA_GT_12 24226	31.31 1.56 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.93 1.35 -5.37	32.24 1.25 -11.52	35.15 1.31 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.90 -7.83	36.63 1.90 -7.53	36.98 1.90 -7.56	35.01 1.78 -7.10	36.11 1.73 -8.62	36.29 2.08 -5.37	40.01 2.48 -3.62	43.43 2.50 -7.11	46.31 3.08 -1.05	51.32 3.18 -0.02	46.99 2.95 -0.73	38.65 2.34 -0.38	34.26 1.88 -0.53	32.07 1.73 0.00
ASTORIA_GT_13 24227	31.31 1.56 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.93 1.35 -5.37	32.24 1.25 -11.52	35.15 1.31 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.90 -7.83	36.63 1.90 -7.53	36.98 1.90 -7.56	35.01 1.78 -7.10	36.11 1.73 -8.62	36.29 2.08 -5.37	40.01 2.48 -3.62	43.43 2.50 -7.11	46.31 3.08 -1.05	51.32 3.18 -0.02	46.99 2.95 -0.73	38.65 2.34 -0.38	34.26 1.88 -0.53	32.07 1.73 0.00
ASTORIA_GT_5 24106	30.84 1.48 -5.42	28.87 1.40 -6.24	26.72 1.42 -3.45	26.58 1.30 -5.28	27.22 1.35 -5.11	26.93 1.35 -5.37	31.64 1.21 -10.96	34.61 1.23 -13.22	37.92 1.29 -15.53	34.56 1.54 -8.63	37.23 1.82 -7.40	34.41 1.85 -5.36	34.60 1.82 -5.26	34.34 1.70 -6.51	33.59 1.67 -6.15	33.78 1.99 -2.95	37.74 2.37 -1.45	41.51 2.40 -5.29	45.26 2.99 -0.08	51.15 3.03 0.01	46.12 2.82 0.01	38.12 2.19 0.01	33.61 1.75 -0.01	31.98 1.64 0.00
ASTORIA_GT_7 24107	30.84 1.48 -5.42	28.87 1.40 -6.24	26.72 1.42 -3.45	26.58 1.30 -5.28	27.22 1.35 -5.11	26.93 1.35 -5.37	31.64 1.21 -10.96	34.61 1.23 -13.22	37.92 1.29 -15.53	34.56 1.54 -8.63	37.23 1.82 -7.40	34.41 1.85 -5.36	34.60 1.82 -5.26	34.34 1.70 -6.51	33.59 1.67 -6.15	33.78 1.99 -2.95	37.74 2.37 -1.45	41.51 2.40 -5.29	45.26 2.99 -0.08	51.15 3.03 0.01	46.12 2.82 0.01	38.12 2.19 0.01	33.61 1.75 -0.01	31.98 1.64 0.00
ASTORIA_GT_8 24108	30.84 1.48 -5.42	28.87 1.40 -6.24	26.72 1.42 -3.45	26.58 1.30 -5.28	27.22 1.35 -5.11	26.93 1.35 -5.37	31.64 1.21 -10.96	34.61 1.23 -13.22	37.92 1.29 -15.53	34.56 1.54 -8.63	37.23 1.82 -7.40	34.41 1.85 -5.36	34.60 1.82 -5.26	34.34 1.70 -6.51	33.59 1.67 -6.15	33.78 1.99 -2.95	37.74 2.37 -1.45	41.51 2.40 -5.29	45.26 2.99 -0.08	51.15 3.03 0.01	46.12 2.82 0.01	38.12 2.19 0.01	33.61 1.75 -0.01	31.98 1.64 0.00
ASTORIA___2 24149	30.79 1.44 -5.42	28.85 1.38 -6.24	26.63 1.33 -3.45	26.54 1.26 -5.28	27.20 1.33 -5.11	26.87 1.29 -5.37	31.23 0.80 -10.96	34.73 1.35 -13.22	37.87 1.25 -15.52	34.53 1.51 -8.63	37.17 1.77 -7.40	34.57 2.01 -5.36	34.76 1.98 -5.26	34.32 1.67 -6.51	33.80 1.88 -6.15	33.98 2.19 -2.95	37.94 2.58 -1.45	41.47 2.37 -5.29	45.47 3.20 -0.08	51.34 3.22 0.01	46.47 3.16 0.01	38.41 2.48 0.01	33.80 1.94 -0.01	31.81 1.46 -0.01
ASTORIA___3 23516	31.31 1.55 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	32.20 1.21 -11.52	35.31 1.47 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.91 -7.83	36.85 2.12 -7.53	37.20 2.12 -7.56	35.01 1.78 -7.10	36.37 1.98 -8.62	36.52 2.31 -5.37	40.25 2.71 -3.62	43.43 2.50 -7.11	46.65 3.42 -1.05	51.61 3.47 -0.02	47.38 3.34 -0.73	39.01 2.70 -0.38	34.45 2.07 -0.53	32.02 1.67 -0.01
ASTORIA___4 23517	31.31 1.56 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.93 1.35 -5.37	32.24 1.25 -11.52	35.15 1.31 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.90 -7.83	36.63 1.90 -7.53	36.98 1.90 -7.56	35.01 1.78 -7.10	36.11 1.73 -8.62	36.29 2.08 -5.37	40.01 2.48 -3.62	43.43 2.50 -7.11	46.31 3.08 -1.05	51.32 3.18 -0.02	46.99 2.95 -0.73	38.65 2.34 -0.38	34.26 1.88 -0.53	32.07 1.73 0.00
ASTORIA___5 23518	31.31 1.55 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	32.20 1.21 -11.52	35.31 1.47 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.91 -7.83	36.85 2.12 -7.53	37.20 2.12 -7.56	35.01 1.78 -7.10	36.37 1.98 -8.62	36.52 2.31 -5.37	40.25 2.71 -3.62	43.43 2.50 -7.11	46.65 3.42 -1.05	51.61 3.47 -0.02	47.38 3.34 -0.73	39.01 2.70 -0.38	34.45 2.07 -0.53	32.02 1.67 -0.01
AST_ENERGY_2_CC3 323677	30.78 1.44 -5.41	28.76 1.30 -6.23	26.62 1.33 -3.44	26.47 1.20 -5.28	27.11 1.25 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.49 1.46 -8.63	37.15 1.74 -7.41	34.36 1.79 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.73 1.93 -2.96	37.71 2.34 -1.46	41.45 2.33 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.09 2.77 0.00	38.13 2.19 0.00	33.57 1.72 0.00	31.89 1.55 0.00
AST_ENERGY_2_CC4 323678	30.78 1.44 -5.41	28.76 1.30 -6.23	26.62 1.33 -3.44	26.47 1.20 -5.28	27.11 1.25 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.49 1.46 -8.63	37.15 1.74 -7.41	34.36 1.79 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.73 1.93 -2.96	37.71 2.34 -1.46	41.45 2.33 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.09 2.77 0.00	38.13 2.19 0.00	33.57 1.72 0.00	31.89 1.55 0.00

ATHENS_STG_1 23668	30.69 0.86 -5.90	28.79 0.76 -6.79	26.39 0.79 -3.76	26.47 0.72 -5.75	27.07 0.75 -5.56	26.77 0.73 -5.85	32.11 0.70 -11.94	35.33 0.75 -14.42	38.82 0.78 -16.93	34.68 0.88 -9.41	37.12 1.04 -8.08	34.09 1.03 -5.85	34.28 1.02 -5.75	34.21 0.97 -7.11	33.44 0.95 -6.72	33.22 1.15 -3.23	36.86 1.36 -1.59	40.95 1.35 -5.78	43.97 1.69 -0.10	49.91 1.78 0.00	44.92 1.60 0.00	37.23 1.29 0.00	32.87 1.02 0.00	31.25 0.91 0.00
ATHENS_STG_2 23670	30.69 0.86 -5.90	28.79 0.76 -6.79	26.39 0.79 -3.76	26.47 0.72 -5.75	27.07 0.75 -5.56	26.77 0.73 -5.85	32.11 0.70 -11.94	35.33 0.75 -14.42	38.82 0.78 -16.93	34.68 0.88 -9.41	37.12 1.04 -8.08	34.09 1.03 -5.85	34.28 1.02 -5.75	34.21 0.97 -7.11	33.44 0.95 -6.72	33.22 1.15 -3.23	36.86 1.36 -1.59	40.95 1.35 -5.78	43.97 1.69 -0.10	49.91 1.78 0.00	44.92 1.60 0.00	37.23 1.29 0.00	32.87 1.02 0.00	31.25 0.91 0.00
ATHENS_STG_3 23677	30.69 0.86 -5.90	28.79 0.76 -6.79	26.39 0.79 -3.76	26.47 0.72 -5.75	27.07 0.75 -5.56	26.77 0.73 -5.85	32.11 0.70 -11.94	35.33 0.75 -14.42	38.82 0.78 -16.93	34.68 0.88 -9.41	37.12 1.04 -8.08	34.09 1.03 -5.85	34.28 1.02 -5.75	34.21 0.97 -7.11	33.44 0.95 -6.72	33.22 1.15 -3.23	36.86 1.36 -1.59	40.95 1.35 -5.78	43.97 1.69 -0.10	49.91 1.78 0.00	44.92 1.60 0.00	37.23 1.29 0.00	32.87 1.02 0.00	31.25 0.91 0.00
AUBURN___LFGE 323710	24.42 -0.50 -0.98	21.92 -0.45 -1.13	21.99 -0.48 -0.62	20.33 -0.44 -0.77	21.23 -0.46 -0.93	20.57 -0.44 -0.81	20.66 -0.41 -1.60	21.71 -0.44 -1.99	23.52 -0.42 -2.83	25.48 -0.49 -1.57	28.82 -0.53 -1.35	27.69 -0.49 -0.97	28.11 -0.44 -1.03	26.83 -0.50 -1.20	26.41 -0.49 -1.13	28.84 -0.58 -0.58	33.55 -0.64 -0.27	34.18 -0.61 -0.98	41.56 -0.63 -0.02	47.50 -0.63 0.00	42.66 -0.65 0.00	35.47 -0.47 0.00	31.40 -0.45 0.00	29.92 -0.42 0.00
BABYLON_RES_REC 323704	31.02 1.67 -5.41	28.86 1.40 -6.23	26.73 1.44 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.66 1.25 -10.95	34.96 1.57 -13.22	38.19 1.56 -15.52	34.71 1.68 -8.63	37.29 1.88 -7.41	34.42 1.85 -5.37	34.63 1.84 -5.27	34.40 1.75 -6.52	33.68 1.75 -6.16	33.93 2.13 -2.96	37.99 2.61 -1.45	41.89 2.77 -5.30	45.73 3.46 -0.09	51.54 3.42 0.00	46.43 3.12 0.00	38.60 2.66 0.00	33.70 1.85 0.00	31.95 1.61 0.00
BABYLON__69_KV_BK2 356345	31.26 1.91 -5.41	29.06 1.59 -6.23	26.88 1.59 -3.44	26.63 1.36 -5.28	27.24 1.37 -5.10	27.00 1.43 -5.36	31.80 1.38 -10.95	35.16 1.77 -13.22	38.43 1.79 -15.52	34.93 1.90 -8.63	37.54 2.13 -7.41	34.66 2.09 -5.37	34.85 2.06 -5.27	34.61 1.96 -6.52	33.88 1.96 -6.16	34.19 2.39 -2.96	38.29 2.92 -1.45	42.23 3.11 -5.30	46.11 3.84 -0.09	52.02 3.90 0.00	46.78 3.47 0.00	38.88 2.95 0.00	34.08 2.23 0.00	32.35 2.00 0.00
BALL_HILL_WT_PWR 323825	21.85 -2.54 -0.45	19.46 -2.29 -0.52	19.85 -2.29 -0.30	18.88 -2.12 -1.01	18.99 -2.20 -0.43	19.05 -2.10 -0.94	19.61 -1.95 -2.09	20.36 -2.14 -2.33	20.18 -2.20 -1.27	22.50 -2.61 -0.71	25.65 -2.97 -0.61	24.74 -2.91 -0.45	24.68 -2.89 -0.05	23.89 -2.74 -0.50	23.56 -2.68 -0.47	25.94 -2.91 -0.02	30.56 -3.46 -0.10	30.81 -3.41 -0.41	37.97 -4.22 -0.01	43.60 -4.53 0.00	39.07 -4.24 0.00	33.03 -2.91 0.00	29.46 -2.39 0.00	28.04 -2.31 0.00
BARON_WINDS___WT_PWR 323822	22.05 -2.15 -0.27	19.61 -1.93 -0.31	20.04 -1.99 -0.18	19.46 -1.80 -1.26	19.13 -1.89 -0.26	19.51 -1.84 -1.15	20.34 -1.75 -2.62	21.09 -1.90 -2.83	19.85 -1.96 -0.71	22.51 -2.29 -0.41	25.67 -2.69 -0.36	24.86 -2.61 -0.27	21.81 -2.64 3.07	23.92 -2.46 -0.25	23.55 -2.45 -0.23	24.51 -2.74 1.59	30.79 -3.15 -0.03	31.00 -3.01 -0.19	38.64 -3.54 -0.01	44.46 -3.66 0.00	39.89 -3.42 0.00	33.60 -2.34 0.00	29.91 -1.94 0.00	28.55 -1.79 0.00
BARRETT_IC_1 23704	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT_IC_10 23701	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT_IC_11 23702	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT_IC_12 23703	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT_IC_2 23705	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT_IC_3 23706	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT_IC_4 23707	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00

BARRETT_IC_5 23708	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT_IC_6 23709	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT_IC_7 23710	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.74 1.17 -5.36	31.53 1.11 -10.95	34.76 1.37 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.76 -7.41	34.33 1.77 -5.37	34.52 1.73 -5.27	34.29 1.65 -6.52	33.55 1.62 -6.16	33.79 1.99 -2.96	37.75 2.37 -1.45	41.55 2.43 -5.30	45.27 2.99 -0.09	50.96 2.84 0.00	45.96 2.64 0.00	38.24 2.30 0.00	33.60 1.75 0.00	31.89 1.55 0.00
BARRETT_IC_8 23711	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT_IC_9 23700	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT___1 23545	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BARRETT___2 23546	30.83 1.48 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.73 1.17 -5.36	31.55 1.13 -10.95	34.78 1.39 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.18 1.77 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.58 1.65 -6.16	33.78 1.99 -2.96	37.78 2.41 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	50.91 2.79 0.00	46.00 2.69 0.00	38.27 2.33 0.00	33.54 1.69 0.00	31.80 1.46 0.00
BATAVIA___115KV_TB1 55881	22.73 -1.65 -0.45	20.28 -1.47 -0.51	20.69 -1.44 -0.29	19.49 -1.36 -0.85	19.73 -1.45 -0.42	19.63 -1.37 -0.81	19.95 -1.29 -1.76	20.64 -1.51 -1.99	20.73 -1.63 -1.25	23.05 -2.05 -0.70	26.09 -2.52 -0.60	25.30 -2.34 -0.44	25.31 -2.26 -0.05	24.28 -2.35 -0.50	23.95 -2.29 -0.48	26.18 -2.68 -0.03	30.90 -3.12 -0.10	31.28 -2.94 -0.41	38.86 -3.33 -0.01	44.56 -3.56 0.00	40.02 -3.29 0.00	33.71 -2.23 0.00	29.94 -1.91 0.00	28.34 -2.00 0.00
BAYONEEC___CTG1 323682	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.49 1.07 -10.95	34.54 1.15 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.50 1.57 -6.16	33.64 1.85 -2.96	37.61 2.24 -1.46	41.38 2.27 -5.30	45.05 2.78 -0.09	51.06 2.94 0.00	45.96 2.64 0.00	38.02 2.08 0.00	33.47 1.62 0.00	31.80 1.46 0.00
BAYONEEC___CTG10 323750	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.49 1.07 -10.95	34.54 1.15 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.50 1.57 -6.16	33.64 1.85 -2.96	37.61 2.24 -1.46	41.38 2.27 -5.30	45.05 2.78 -0.09	51.06 2.94 0.00	45.96 2.64 0.00	38.02 2.08 0.00	33.47 1.62 0.00	31.80 1.46 0.00
BAYONEEC___CTG2 323683	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.49 1.07 -10.95	34.54 1.15 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.50 1.57 -6.16	33.64 1.85 -2.96	37.61 2.24 -1.46	41.38 2.27 -5.30	45.05 2.78 -0.09	51.06 2.94 0.00	45.96 2.64 0.00	38.02 2.08 0.00	33.47 1.62 0.00	31.80 1.46 0.00
BAYONEEC___CTG3 323684	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.49 1.07 -10.95	34.54 1.15 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.50 1.57 -6.16	33.64 1.85 -2.96	37.61 2.24 -1.46	41.38 2.27 -5.30	45.05 2.78 -0.09	51.06 2.94 0.00	45.96 2.64 0.00	38.02 2.08 0.00	33.47 1.62 0.00	31.80 1.46 0.00
BAYONEEC___CTG4 323685	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.49 1.07 -10.95	34.54 1.15 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.50 1.57 -6.16	33.64 1.85 -2.96	37.61 2.24 -1.46	41.38 2.27 -5.30	45.05 2.78 -0.09	51.06 2.94 0.00	45.96 2.64 0.00	38.02 2.08 0.00	33.47 1.62 0.00	31.80 1.46 0.00
BAYONEEC___CTG5 323686	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.49 1.07 -10.95	34.54 1.15 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.50 1.57 -6.16	33.64 1.85 -2.96	37.61 2.24 -1.46	41.38 2.27 -5.30	45.05 2.78 -0.09	51.06 2.94 0.00	45.96 2.64 0.00	38.02 2.08 0.00	33.47 1.62 0.00	31.80 1.46 0.00
BAYONEEC___CTG6 323687	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.49 1.07 -10.95	34.54 1.15 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.50 1.57 -6.16	33.64 1.85 -2.96	37.61 2.24 -1.46	41.38 2.27 -5.30	45.05 2.78 -0.09	51.06 2.94 0.00	45.96 2.64 0.00	38.02 2.08 0.00	33.47 1.62 0.00	31.80 1.46 0.00

BAYONEEC___CTG7 323688	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.49 1.07 -10.95	34.54 1.15 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.50 1.57 -6.16	33.64 1.85 -2.96	37.61 2.24 -1.46	41.38 2.27 -5.30	45.05 2.78 -0.09	51.06 2.94 0.00	45.96 2.64 0.00	38.02 2.08 0.00	33.47 1.62 0.00	31.80 1.46 0.00
BAYONEEC___CTG8 323689	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.49 1.07 -10.95	34.54 1.15 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.50 1.57 -6.16	33.64 1.85 -2.96	37.61 2.24 -1.46	41.38 2.27 -5.30	45.05 2.78 -0.09	51.06 2.94 0.00	45.96 2.64 0.00	38.02 2.08 0.00	33.47 1.62 0.00	31.80 1.46 0.00
BAYONEEC___CTG9 323749	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.49 1.07 -10.95	34.54 1.15 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.50 1.57 -6.16	33.64 1.85 -2.96	37.61 2.24 -1.46	41.38 2.27 -5.30	45.05 2.78 -0.09	51.06 2.94 0.00	45.96 2.64 0.00	38.02 2.08 0.00	33.47 1.62 0.00	31.80 1.46 0.00
BEACON___LESR 323632	31.62 1.13 -6.56	29.77 0.98 -7.56	27.03 1.01 -4.18	27.32 0.92 -6.40	27.89 0.94 -6.19	27.62 0.91 -6.50	33.65 0.90 -13.28	37.09 0.89 -16.04	40.89 0.95 -18.83	36.01 1.15 -10.47	38.34 1.34 -8.99	35.02 1.31 -6.51	35.26 1.35 -6.39	35.32 1.28 -7.91	34.50 1.26 -7.47	33.95 1.53 -3.59	37.48 1.80 -1.76	42.00 1.76 -6.43	44.52 2.23 -0.11	50.62 2.50 0.00	45.48 2.16 0.00	37.66 1.72 0.00	33.35 1.50 0.00	31.71 1.37 0.00
BEAVER RIVER___HYD 24048	23.57 -0.62 -0.25	20.95 -0.57 -0.29	22.64 -0.59 -1.39	21.20 -0.56 -1.76	21.98 -0.58 -1.79	21.00 -0.59 -1.38	20.45 -0.62 -1.60	21.70 -0.60 -2.14	22.77 -0.65 -2.31	25.78 -0.80 -2.19	29.42 -0.92 -2.34	28.38 -1.01 -2.19	28.70 -1.02 -2.20	27.35 -0.97 -2.18	26.96 -0.95 -2.15	29.96 -1.04 -2.16	35.17 -1.12 -2.37	35.37 -0.98 -2.54	43.89 -1.05 -2.77	50.02 -0.82 -2.72	42.62 -0.69 0.00	35.22 -0.72 0.00	31.12 -0.73 0.00	29.55 -0.79 0.00
BEEBEE_GT_13 23619	23.12 -1.27 -0.45	20.63 -1.13 -0.52	21.00 -1.14 -0.29	19.69 -1.06 -0.76	20.05 -1.14 -0.43	19.86 -1.07 -0.72	20.05 -0.99 -1.57	20.80 -1.15 -1.79	21.14 -1.25 -1.27	23.55 -1.56 -0.71	26.69 -1.93 -0.61	25.85 -1.80 -0.45	26.08 -1.71 -0.26	24.85 -1.80 -0.52	24.48 -1.78 -0.49	26.81 -2.16 -0.14	31.48 -2.54 -0.11	31.84 -2.40 -0.42	39.41 -2.78 -0.01	45.04 -3.08 0.00	40.45 -2.86 0.00	33.92 -2.01 0.00	30.13 -1.72 0.00	28.61 -1.73 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.52 1.80 -22.79	36.70 1.59 -13.87	27.04 1.64 -3.55	26.86 1.48 -5.38	27.39 1.52 -5.11	27.21 1.54 -5.47	47.23 1.42 -26.33	47.04 1.51 -25.37	48.55 1.54 -25.90	48.45 1.85 -22.21	49.28 2.18 -19.09	49.76 2.12 -20.44	50.93 2.12 -21.29	50.36 2.01 -22.22	51.07 1.96 -23.34	50.96 2.31 -19.81	53.27 2.78 -16.57	54.60 2.81 -17.98	52.39 3.46 -6.75	51.99 3.66 -0.21	51.77 3.34 -5.12	48.76 2.66 -10.16	48.27 2.23 -14.19	47.35 2.00 -15.00
BETHLEHEM___GRP 23843	31.41 0.91 -6.57	29.60 0.81 -7.56	26.86 0.83 -4.18	27.16 0.76 -6.40	27.75 0.79 -6.20	27.46 0.75 -6.51	33.50 0.74 -13.29	36.96 0.75 -16.06	40.74 0.78 -18.85	35.80 0.93 -10.48	38.06 1.06 -8.99	34.75 1.03 -6.52	34.99 1.07 -6.40	35.06 1.02 -7.91	34.22 0.98 -7.48	33.64 1.21 -3.59	37.11 1.42 -1.77	41.63 1.39 -6.43	44.06 1.77 -0.11	50.05 1.92 0.00	44.96 1.65 0.00	37.27 1.33 0.00	33.03 1.18 0.00	31.41 1.06 0.00
BETHLEHEM___GS1 323560	31.41 0.91 -6.57	29.60 0.81 -7.56	26.86 0.83 -4.18	27.16 0.76 -6.40	27.75 0.79 -6.20	27.46 0.75 -6.51	33.50 0.74 -13.29	36.96 0.75 -16.06	40.74 0.78 -18.85	35.80 0.93 -10.48	38.06 1.06 -8.99	34.75 1.03 -6.52	34.99 1.07 -6.40	35.06 1.02 -7.91	34.25 1.00 -7.48	33.64 1.21 -3.59	37.11 1.42 -1.77	41.63 1.39 -6.43	44.06 1.77 -0.11	50.05 1.93 0.00	45.00 1.69 0.00	37.30 1.37 0.00	33.03 1.18 0.00	31.40 1.06 0.00
BETHLEHEM___GS2 323561	31.41 0.91 -6.57	29.60 0.81 -7.56	26.86 0.83 -4.18	27.16 0.76 -6.40	27.75 0.79 -6.20	27.46 0.75 -6.51	33.50 0.74 -13.29	36.96 0.75 -16.06	40.74 0.78 -18.85	35.80 0.93 -10.48	38.06 1.06 -8.99	34.75 1.03 -6.52	34.99 1.07 -6.40	35.06 1.02 -7.91	34.25 1.00 -7.48	33.64 1.21 -3.59	37.11 1.42 -1.77	41.63 1.39 -6.43	44.06 1.77 -0.11	50.05 1.93 0.00	45.00 1.69 0.00	37.30 1.37 0.00	33.03 1.18 0.00	31.40 1.06 0.00
BETHLEHEM___GS3 323562	31.41 0.91 -6.57	29.60 0.81 -7.56	26.86 0.83 -4.18	27.16 0.76 -6.40	27.75 0.79 -6.20	27.46 0.75 -6.51	33.50 0.74 -13.29	36.96 0.75 -16.06	40.74 0.78 -18.85	35.80 0.93 -10.48	38.06 1.06 -8.99	34.75 1.03 -6.52	34.99 1.07 -6.40	35.06 1.02 -7.91	34.25 1.00 -7.48	33.64 1.21 -3.59	37.11 1.42 -1.77	41.63 1.39 -6.43	44.06 1.77 -0.11	50.05 1.93 0.00	45.00 1.69 0.00	37.30 1.37 0.00	33.03 1.18 0.00	31.40 1.06 0.00
BETHLEHEM___STEEL 23779	21.97 -2.42 -0.45	19.56 -2.19 -0.52	19.95 -2.18 -0.29	18.92 -2.04 -0.96	19.07 -2.12 -0.43	19.07 -2.04 -0.91	19.62 -1.85 -2.00	20.30 -2.10 -2.24	20.15 -2.22 -1.26	22.44 -2.66 -0.71	25.53 -3.08 -0.61	24.76 -2.88 -0.45	24.72 -2.81 -0.01	23.86 -2.77 -0.50	23.58 -2.65 -0.47	25.95 -2.88 0.00	30.49 -3.53 -0.10	30.70 -3.52 -0.40	37.93 -4.26 -0.01	43.31 -4.81 0.00	38.90 -4.42 0.00	32.92 -3.02 0.00	29.30 -2.55 0.00	27.86 -2.49 0.00
BETHLHEM_115KV_TB1 79974	31.38 0.89 -6.56	29.58 0.79 -7.56	26.83 0.81 -4.18	27.14 0.74 -6.40	27.70 0.75 -6.19	27.43 0.73 -6.51	33.45 0.70 -13.28	36.93 0.73 -16.05	40.70 0.76 -18.84	35.77 0.90 -10.47	38.03 1.04 -8.99	34.72 1.01 -6.51	34.93 1.02 -6.39	35.01 0.97 -7.91	34.19 0.95 -7.48	33.61 1.18 -3.59	37.04 1.36 -1.77	41.56 1.32 -6.43	43.98 1.69 -0.11	50.00 1.88 0.00	44.92 1.60 0.00	37.23 1.29 0.00	32.96 1.11 0.00	31.38 1.03 0.00
BETHPAGE_CC_5 323564	31.02 1.67 -5.41	28.86 1.40 -6.23	26.73 1.44 -3.44	26.49 1.22 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.64 1.23 -10.95	34.90 1.51 -13.22	38.15 1.52 -15.52	34.68 1.66 -8.63	37.29 1.88 -7.41	34.47 1.90 -5.37	34.66 1.87 -5.27	34.43 1.78 -6.52	33.70 1.78 -6.16	33.93 2.13 -2.96	37.99 2.61 -1.45	41.85 2.74 -5.30	45.65 3.38 -0.09	51.44 3.32 0.00	46.34 3.03 0.00	38.49 2.55 0.00	33.66 1.81 0.00	31.92 1.58 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.87 -2.51 -0.45	19.50 -2.25 -0.52	19.89 -2.25 -0.29	18.87 -2.10 -0.98	19.01 -2.18 -0.42	19.02 -2.10 -0.92	19.59 -1.91 -2.03	20.27 -2.16 -2.26	20.10 -2.26 -1.25	22.41 -2.68 -0.70	25.59 -3.02 -0.61	24.79 -2.86 -0.45	24.76 -2.78 -0.02	23.94 -2.69 -0.50	23.66 -2.58 -0.47	26.10 -2.74 -0.01	30.62 -3.39 -0.10	30.80 -3.42 -0.40	38.01 -4.18 -0.01	43.46 -4.67 0.00	39.03 -4.29 0.00	33.03 -2.91 0.00	29.36 -2.48 0.00	27.92 -2.43 0.00

BINGHAMTON___COGEN 23790	24.92 -0.55 -1.54	22.51 -0.49 -1.77	22.32 -0.50 -0.98	21.29 -0.46 -1.75	21.73 -0.48 -1.45	21.48 -0.46 -1.75	22.68 -0.43 -3.64	24.02 -0.44 -4.31	25.03 -0.46 -4.39	26.28 -0.56 -2.44	29.52 -0.59 -2.10	28.15 -0.57 -1.52	28.37 -0.55 -1.40	27.41 -0.55 -1.83	26.95 -0.54 -1.73	29.04 -0.58 -0.78	33.64 -0.68 -0.40	34.66 -0.64 -1.49	41.45 -0.76 -0.03	47.31 -0.82 0.00	42.53 -0.78 0.00	35.43 -0.50 0.00	31.40 -0.45 0.00	29.89 -0.46 0.00
BIXINCNT_115KV_LOAD 355685	20.95 -3.42 -0.43	18.65 -3.08 -0.50	19.03 -3.10 -0.28	18.18 -2.86 -1.04	18.22 -2.95 -0.41	18.37 -2.81 -0.97	19.00 -2.63 -2.16	19.74 -2.82 -2.40	19.38 -2.93 -1.21	21.78 -3.29 -0.68	25.04 -3.56 -0.59	24.29 -3.35 -0.43	24.25 -3.36 -0.09	23.52 -3.08 -0.48	23.33 -2.89 -0.45	25.85 -3.03 -0.04	30.21 -3.80 -0.09	30.34 -3.86 -0.38	37.38 -4.81 -0.01	43.02 -5.10 0.00	38.64 -4.68 0.00	32.63 -3.31 0.00	29.01 -2.83 0.00	27.67 -2.67 0.00
BLACK RIVER___HYD 24047	23.61 -0.67 -0.35	20.98 -0.66 -0.40	22.29 -0.63 -1.08	20.78 -0.62 -1.40	21.52 -0.67 -1.42	20.67 -0.67 -1.14	20.22 -0.72 -1.47	21.36 -0.73 -1.92	22.46 -0.76 -2.11	25.20 -1.00 -1.81	28.76 -1.12 -1.87	27.71 -1.20 -1.70	28.02 -1.21 -1.71	26.69 -1.18 -1.74	26.28 -1.18 -1.70	29.18 -1.27 -1.61	34.27 -1.36 -1.71	34.62 -1.15 -1.95	42.94 -1.18 -1.94	49.21 -0.82 -1.91	42.62 -0.69 0.00	35.25 -0.68 0.00	31.05 -0.79 0.00	29.49 -0.85 0.00
BLACKRVR_115KV_TB2 79977	23.61 -0.67 -0.35	20.98 -0.66 -0.40	22.29 -0.63 -1.08	20.78 -0.62 -1.40	21.52 -0.66 -1.42	20.67 -0.67 -1.14	20.22 -0.72 -1.47	21.36 -0.73 -1.92	22.46 -0.76 -2.11	25.20 -1.00 -1.81	28.76 -1.12 -1.87	27.71 -1.20 -1.70	28.02 -1.21 -1.71	26.69 -1.18 -1.74	26.31 -1.16 -1.70	29.17 -1.27 -1.61	34.27 -1.36 -1.71	34.62 -1.15 -1.95	42.94 -1.18 -1.94	49.21 -0.82 -1.91	42.62 -0.69 0.00	35.25 -0.68 0.00	31.05 -0.80 0.00	29.46 -0.88 0.00
BLISS_WT_PWR 323608	20.71 -3.66 -0.43	18.42 -3.31 -0.50	18.81 -3.32 -0.28	17.98 -3.06 -1.04	18.02 -3.16 -0.41	18.16 -3.01 -0.97	18.75 -2.88 -2.16	19.46 -3.10 -2.40	19.17 -3.15 -1.21	21.56 -3.51 -0.68	24.81 -3.78 -0.59	23.99 -3.64 -0.43	23.92 -3.69 -0.09	23.31 -3.29 -0.48	23.09 -3.12 -0.45	25.58 -3.29 -0.04	29.90 -4.11 -0.09	30.07 -4.13 -0.38	36.96 -5.23 -0.01	42.69 -5.44 0.00	38.20 -5.11 0.00	32.27 -3.67 0.00	28.82 -3.03 0.00	27.55 -2.79 0.00
BLUESTONE___WT_PWR 323821	26.19 0.05 -2.21	23.78 0.00 -2.55	23.29 0.04 -1.40	21.90 0.02 -1.88	22.87 0.02 -2.09	22.15 0.00 -1.95	23.29 -0.08 -3.90	24.95 -0.02 -4.81	27.49 0.02 -6.36	27.88 -0.05 -3.53	31.09 0.06 -3.03	29.39 0.00 -2.19	29.83 0.06 -2.26	28.84 0.03 -2.69	28.31 0.00 -2.54	30.23 0.12 -1.28	34.66 0.14 -0.61	36.27 0.27 -2.18	42.64 0.42 -0.04	48.99 0.87 0.00	44.13 0.82 0.00	36.73 0.79 0.00	32.45 0.60 0.00	30.86 0.52 0.00
BLUE_CIRC_CHEM_DRP 24182	31.27 0.86 -6.47	29.45 0.76 -7.45	26.75 0.79 -4.12	27.03 0.72 -6.31	27.60 0.73 -6.11	27.32 0.71 -6.42	33.25 0.68 -13.10	36.65 0.67 -15.82	40.40 0.72 -18.57	35.55 0.83 -10.33	37.82 0.95 -8.86	34.55 0.92 -6.42	34.76 0.94 -6.30	34.82 0.89 -7.80	34.01 0.88 -7.37	33.47 1.10 -3.54	36.95 1.29 -1.74	41.41 1.25 -6.34	43.93 1.65 -0.11	49.95 1.83 0.00	44.92 1.60 0.00	37.23 1.29 0.00	32.96 1.11 0.00	31.38 1.03 0.00
BOC_GAS_DRP 24189	31.19 0.72 -6.54	29.40 0.64 -7.53	26.66 0.66 -4.16	26.98 0.60 -6.38	27.55 0.62 -6.17	27.29 0.61 -6.48	33.29 0.58 -13.23	36.73 0.58 -15.99	40.51 0.63 -18.77	35.56 0.73 -10.44	37.80 0.84 -8.96	34.50 0.82 -6.49	34.71 0.83 -6.37	34.79 0.78 -7.88	33.99 0.77 -7.45	33.37 0.95 -3.58	36.80 1.12 -1.76	41.30 1.08 -6.40	43.68 1.39 -0.11	49.62 1.49 0.00	44.61 1.30 0.00	36.98 1.04 0.00	32.74 0.89 0.00	31.16 0.82 0.00
BOONVILLE_115KV_TB1 79983	24.18 0.02 -0.22	21.49 0.00 -0.25	22.49 0.02 -0.63	20.81 0.00 -0.81	21.59 0.00 -0.82	20.85 -0.02 -0.67	20.29 -0.06 -0.88	21.28 -0.02 -1.14	22.35 -0.02 -1.26	25.38 -0.07 -1.06	29.07 -0.03 -1.09	28.10 -0.08 -0.98	28.42 -0.08 -0.99	27.06 -0.08 -1.01	26.65 -0.10 -0.99	29.70 -0.06 -0.92	34.89 0.00 -0.97	35.01 0.07 -1.12	43.44 0.17 -1.09	49.58 0.38 -1.07	43.66 0.35 0.00	36.19 0.25 0.00	31.94 0.10 0.00	30.37 0.03 0.00
BORALEX_4TH_BRANCH 23824	31.80 1.32 -6.54	29.94 1.17 -7.54	27.21 1.20 -4.17	27.42 1.04 -6.38	27.99 1.06 -6.17	27.76 1.07 -6.49	33.80 1.09 -13.24	37.29 1.13 -16.00	41.13 1.25 -18.78	36.23 1.39 -10.44	38.51 1.54 -8.96	35.08 1.39 -6.49	35.32 1.43 -6.37	35.40 1.38 -7.89	34.56 1.34 -7.45	34.12 1.70 -3.58	37.61 1.93 -1.76	42.15 1.93 -6.41	44.74 2.45 -0.11	50.82 2.69 0.00	45.61 2.30 0.00	37.77 1.83 0.00	33.47 1.62 0.00	31.83 1.49 0.00
BOWLINE___1 23526	30.23 1.10 -5.19	28.17 0.96 -5.98	26.14 0.98 -3.31	25.96 0.90 -5.06	26.60 0.94 -4.90	26.32 0.97 -5.15	30.89 0.92 -10.51	33.84 0.99 -12.69	37.02 1.01 -14.90	33.85 1.17 -8.29	36.49 1.37 -7.11	33.74 1.39 -5.15	33.95 1.38 -5.06	33.64 1.25 -6.26	32.94 1.26 -5.91	33.15 1.47 -2.84	37.04 1.73 -1.40	40.63 1.72 -5.08	44.42 2.15 -0.09	50.39 2.26 0.00	45.39 2.08 0.00	37.59 1.65 0.00	33.09 1.24 0.00	31.43 1.09 0.00
BOWLINE___2 23595	30.23 1.10 -5.19	28.17 0.96 -5.98	26.14 0.98 -3.31	25.96 0.90 -5.06	26.60 0.94 -4.90	26.32 0.97 -5.15	30.89 0.92 -10.51	33.85 0.99 -12.70	37.02 1.01 -14.90	33.85 1.17 -8.29	36.49 1.37 -7.11	33.74 1.39 -5.15	33.95 1.38 -5.06	33.64 1.25 -6.26	32.94 1.26 -5.91	33.15 1.47 -2.84	37.04 1.73 -1.40	40.63 1.72 -5.08	44.42 2.15 -0.09	50.39 2.26 0.00	45.39 2.08 0.00	37.59 1.65 0.00	33.09 1.24 0.00	31.43 1.09 0.00
BRADY___115KV_TB2 356060	23.89 -0.05 0.00	21.19 -0.04 0.00	23.37 -0.02 -1.55	21.87 -0.04 -1.92	22.67 -0.06 -1.97	21.57 -0.06 -1.43	20.77 -0.08 -1.38	22.05 -0.04 -1.93	23.05 -0.06 -2.01	26.62 -0.02 -2.25	30.46 -0.06 -2.51	29.51 -0.14 -2.45	29.80 -0.19 -2.47	28.40 -0.10 -2.37	28.01 -0.10 -2.35	31.19 -0.20 -2.55	36.73 -0.10 -2.91	36.54 -0.17 -2.89	45.42 -0.25 -3.49	51.56 0.00 -3.43	43.40 0.09 0.00	35.86 -0.07 0.00	31.85 0.00 0.00	30.25 -0.09 0.00
BRANSCOMB___SOLAR 323811	31.87 1.20 -6.74	30.04 1.04 -7.76	27.21 1.07 -4.29	27.53 0.96 -6.57	28.12 1.00 -6.36	27.85 0.97 -6.68	34.08 0.97 -13.64	37.61 0.97 -16.48	41.49 1.03 -19.34	36.37 1.22 -10.76	38.66 1.43 -9.23	35.27 1.39 -6.69	35.51 1.43 -6.56	35.61 1.36 -8.12	34.78 1.34 -7.68	34.14 1.61 -3.69	37.60 1.86 -1.81	42.31 1.89 -6.60	44.74 2.45 -0.11	50.91 2.79 0.00	45.69 2.38 0.00	37.80 1.87 0.00	33.44 1.59 0.00	31.80 1.46 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.16 1.82 -5.41	28.97 1.51 -6.23	26.82 1.53 -3.44	26.57 1.30 -5.28	27.17 1.31 -5.10	26.92 1.35 -5.36	31.76 1.34 -10.95	35.14 1.75 -13.22	38.38 1.75 -15.52	34.88 1.85 -8.63	37.43 2.02 -7.41	34.55 1.99 -5.37	34.74 1.95 -5.27	34.50 1.86 -6.52	33.78 1.86 -6.16	34.07 2.28 -2.96	38.12 2.75 -1.45	42.06 2.94 -5.30	45.90 3.63 -0.09	51.83 3.71 0.00	46.52 3.21 0.00	38.74 2.80 0.00	33.95 2.10 0.00	32.26 1.91 0.00

BRISTLHL_115KV_TB1 79998	23.71 -0.77 -0.54	21.17 -0.68 -0.62	21.47 -0.72 -0.34	19.86 -0.66 -0.52	20.58 -0.69 -0.51	20.07 -0.67 -0.53	19.91 -0.64 -1.09	20.79 -0.69 -1.31	21.95 -0.70 -1.54	24.42 -0.83 -0.86	27.82 -0.92 -0.74	26.86 -0.87 -0.53	27.22 -0.83 -0.52	25.94 -0.84 -0.65	25.55 -0.82 -0.61	28.12 -1.01 -0.29	32.88 -1.19 -0.14	33.19 -1.15 -0.53	40.80 -1.39 -0.01	46.58 -1.54 0.00	41.93 -1.39 0.00	34.82 -1.11 0.00	30.89 -0.96 0.00	29.49 -0.85 0.00
BROOKHAVEN___DRP 24191	31.00 1.65 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.33 1.06 -5.28	26.92 1.06 -5.10	26.69 1.13 -5.36	31.59 1.17 -10.95	35.10 1.71 -13.22	38.36 1.73 -15.52	34.71 1.68 -8.63	36.98 1.57 -7.41	34.01 1.44 -5.37	34.16 1.38 -5.27	33.98 1.33 -6.52	33.24 1.31 -6.16	33.50 1.70 -2.96	37.48 2.10 -1.45	41.45 2.33 -5.30	45.10 2.83 -0.09	50.82 2.69 0.00	45.65 2.34 0.00	38.16 2.23 0.00	33.41 1.56 0.00	31.77 1.43 0.00
BROOKLYN_NAVY_YARD 23515	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.57 1.15 -10.95	34.56 1.17 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.31 1.74 -5.37	34.52 1.73 -5.27	34.27 1.62 -6.52	33.55 1.62 -6.16	33.70 1.90 -2.96	37.68 2.31 -1.46	41.42 2.30 -5.30	45.10 2.83 -0.09	51.06 2.94 0.00	46.00 2.69 0.00	38.09 2.16 0.00	33.50 1.66 0.00	31.83 1.49 0.00
BROOKLYN___ARMY_DRP 323595	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
BROOKVLE_69_KV_TB1 55790	31.04 1.70 -5.41	28.89 1.42 -6.23	26.73 1.44 -3.44	26.53 1.26 -5.28	27.15 1.29 -5.10	26.88 1.31 -5.36	31.66 1.25 -10.95	34.92 1.53 -13.22	38.19 1.56 -15.52	34.76 1.73 -8.63	37.43 2.02 -7.41	34.61 2.04 -5.37	34.82 2.04 -5.27	34.58 1.93 -6.52	33.83 1.91 -6.16	34.10 2.31 -2.96	38.12 2.75 -1.45	41.99 2.87 -5.30	45.77 3.50 -0.09	51.64 3.51 0.00	46.52 3.21 0.00	38.60 2.66 0.00	33.89 2.04 0.00	32.16 1.82 0.00
BROOME_2_LFGE 323671	24.92 -0.55 -1.54	22.51 -0.49 -1.77	22.32 -0.50 -0.98	21.29 -0.46 -1.75	21.73 -0.48 -1.45	21.48 -0.46 -1.75	22.66 -0.45 -3.64	24.01 -0.46 -4.31	25.03 -0.46 -4.39	26.28 -0.56 -2.44	29.52 -0.59 -2.10	28.15 -0.57 -1.52	28.37 -0.55 -1.40	27.41 -0.55 -1.83	26.95 -0.54 -1.73	29.01 -0.61 -0.78	33.64 -0.68 -0.40	34.63 -0.68 -1.49	41.40 -0.80 -0.03	47.31 -0.82 0.00	42.53 -0.78 0.00	35.43 -0.50 0.00	31.40 -0.45 0.00	29.89 -0.45 0.00
BROOME___LFGE 323600	24.92 -0.55 -1.54	22.51 -0.49 -1.77	22.32 -0.50 -0.98	21.29 -0.46 -1.75	21.73 -0.48 -1.45	21.48 -0.46 -1.75	22.66 -0.45 -3.64	24.01 -0.46 -4.31	25.03 -0.46 -4.39	26.28 -0.56 -2.44	29.52 -0.59 -2.10	28.15 -0.57 -1.52	28.37 -0.55 -1.40	27.41 -0.55 -1.83	26.95 -0.54 -1.73	29.01 -0.61 -0.78	33.64 -0.68 -0.40	34.63 -0.68 -1.49	41.40 -0.80 -0.03	47.31 -0.82 0.00	42.53 -0.78 0.00	35.43 -0.50 0.00	31.40 -0.45 0.00	29.89 -0.45 0.00
BROWNFLS_115KV_TB_3_5 80003	23.42 -0.69 -0.18	20.82 -0.62 -0.21	23.53 -0.61 -2.30	22.27 -0.60 -2.88	23.08 -0.62 -2.94	21.77 -0.63 -2.19	21.14 -0.64 -2.31	22.71 -0.60 -3.15	23.79 -0.65 -3.34	27.10 -0.76 -3.46	30.92 -0.87 -3.79	29.90 -0.92 -3.62	30.21 -0.96 -3.65	28.80 -0.89 -3.56	28.40 -0.88 -3.51	31.52 -1.01 -3.69	36.98 -1.09 -4.15	37.02 -1.05 -4.25	45.84 -1.27 -4.92	51.86 -1.11 -4.84	42.40 -0.91 0.00	35.04 -0.90 0.00	31.02 -0.83 0.00	29.46 -0.88 0.00
BROWNSV1_27_KV_LOAD 356125	30.93 1.58 -5.41	28.84 1.38 -6.23	26.71 1.42 -3.44	26.55 1.28 -5.28	27.20 1.33 -5.10	26.92 1.35 -5.36	31.67 1.25 -10.95	34.70 1.31 -13.23	38.03 1.39 -15.53	34.64 1.61 -8.63	37.32 1.90 -7.41	34.53 1.96 -5.37	34.72 1.93 -5.27	34.45 1.80 -6.52	33.71 1.78 -6.16	33.93 2.13 -2.96	37.92 2.54 -1.46	41.69 2.57 -5.30	45.48 3.21 -0.09	51.49 3.37 0.00	46.35 3.03 0.00	38.34 2.41 0.00	33.76 1.91 0.00	32.07 1.73 0.00
BURROWS___LYONSDAL 23803	24.02 -0.14 -0.23	21.35 -0.15 -0.26	22.49 -0.13 -0.77	20.86 -0.14 -1.00	21.61 -0.17 -1.01	20.85 -0.16 -0.81	20.30 -0.19 -1.02	21.32 -0.18 -1.34	22.41 -0.17 -1.47	25.40 -0.27 -1.28	29.09 -0.25 -1.33	28.09 -0.33 -1.22	28.44 -0.30 -1.23	27.06 -0.31 -1.24	26.67 -0.31 -1.21	29.68 -0.32 -1.16	34.86 -0.31 -1.24	35.01 -0.20 -1.40	43.43 -0.17 -1.42	49.62 0.10 -1.40	43.40 0.09 0.00	35.94 0.00 0.00	31.72 -0.13 0.00	30.16 -0.18 0.00
CAITHNESS_CC_1 323624	30.97 1.63 -5.41	28.76 1.30 -6.23	26.64 1.35 -3.44	26.35 1.08 -5.28	26.94 1.08 -5.10	26.71 1.15 -5.36	31.59 1.17 -10.95	35.04 1.65 -13.22	38.30 1.67 -15.52	34.68 1.66 -8.63	37.04 1.62 -7.41	34.09 1.52 -5.37	34.27 1.49 -5.27	34.06 1.41 -6.52	33.37 1.44 -6.16	33.58 1.79 -2.96	37.58 2.20 -1.45	41.55 2.44 -5.30	45.18 2.91 -0.09	50.91 2.79 0.00	45.82 2.51 0.00	38.27 2.33 0.00	33.22 1.37 0.00	31.56 1.22 0.00
CALPINE BETH_PAGE_GT4 24209	31.02 1.68 -5.41	28.86 1.40 -6.23	26.71 1.42 -3.44	26.49 1.22 -5.28	27.11 1.25 -5.10	26.86 1.29 -5.36	31.59 1.17 -10.95	34.84 1.45 -13.22	38.09 1.46 -15.52	34.61 1.59 -8.63	37.23 1.82 -7.41	34.42 1.85 -5.37	34.60 1.82 -5.27	34.37 1.72 -6.52	33.65 1.73 -6.16	33.90 2.11 -2.96	37.88 2.51 -1.45	41.79 2.67 -5.30	45.56 3.29 -0.09	51.35 3.22 0.00	46.22 2.90 0.00	38.38 2.44 0.00	33.70 1.85 0.00	31.98 1.64 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.02 1.67 -5.41	28.86 1.40 -6.23	26.73 1.44 -3.44	26.49 1.22 -5.28	27.11 1.25 -5.10	26.86 1.29 -5.36	31.60 1.19 -10.95	34.86 1.47 -13.22	38.09 1.46 -15.52	34.61 1.58 -8.63	37.23 1.82 -7.41	34.42 1.85 -5.37	34.63 1.84 -5.27	34.37 1.72 -6.52	33.68 1.75 -6.16	33.90 2.10 -2.96	37.92 2.55 -1.45	41.78 2.67 -5.30	45.56 3.29 -0.09	51.35 3.22 0.00	46.26 2.95 0.00	38.41 2.48 0.00	33.60 1.75 0.00	31.86 1.52 0.00
CALPINE_BP_GT1 23823	31.02 1.67 -5.41	28.86 1.40 -6.23	26.73 1.44 -3.44	26.49 1.22 -5.28	27.11 1.25 -5.10	26.86 1.29 -5.36	31.60 1.19 -10.95	34.86 1.47 -13.22	38.09 1.46 -15.52	34.61 1.58 -8.63	37.23 1.82 -7.41	34.42 1.85 -5.37	34.63 1.84 -5.27	34.37 1.72 -6.52	33.68 1.75 -6.16	33.90 2.10 -2.96	37.92 2.55 -1.45	41.78 2.67 -5.30	45.56 3.29 -0.09	51.35 3.22 0.00	46.26 2.95 0.00	38.41 2.48 0.00	33.60 1.75 0.00	31.86 1.52 0.00
CALSPAN___DRP 24200	21.97 -2.42 -0.45	19.56 -2.19 -0.52	19.95 -2.18 -0.29	18.92 -2.04 -0.96	19.07 -2.12 -0.43	19.07 -2.04 -0.91	19.62 -1.85 -2.00	20.30 -2.10 -2.24	20.15 -2.22 -1.26	22.44 -2.66 -0.71	25.53 -3.08 -0.61	24.76 -2.88 -0.45	24.72 -2.81 -0.01	23.86 -2.77 -0.50	23.58 -2.65 -0.47	25.95 -2.88 0.00	30.49 -3.53 -0.10	30.70 -3.52 -0.40	37.93 -4.26 -0.01	43.31 -4.81 0.00	38.90 -4.42 0.00	32.92 -3.02 0.00	29.30 -2.55 0.00	27.86 -2.49 0.00

CALVERTON___SOLAR 323806	31.07 1.72 -5.41	28.74 1.27 -6.23	26.64 1.35 -3.44	26.33 1.06 -5.28	26.90 1.04 -5.10	26.69 1.13 -5.36	31.62 1.21 -10.95	35.24 1.85 -13.22	38.53 1.90 -15.52	34.80 1.78 -8.63	36.90 1.48 -7.41	33.82 1.25 -5.37	34.00 1.21 -5.27	33.80 1.15 -6.52	33.11 1.19 -6.16	33.29 1.50 -2.96	37.27 1.90 -1.45	41.28 2.17 -5.30	44.93 2.66 -0.09	50.58 2.45 0.00	45.48 2.16 0.00	38.13 2.19 0.00	32.90 1.05 0.00	31.29 0.94 0.00
CANDIGU_WT_PWR 323617	22.05 -2.15 -0.27	19.61 -1.93 -0.31	20.04 -1.99 -0.18	19.46 -1.80 -1.26	19.13 -1.89 -0.26	19.51 -1.84 -1.15	20.34 -1.75 -2.62	21.09 -1.90 -2.83	19.85 -1.96 -0.71	22.51 -2.29 -0.41	25.67 -2.69 -0.36	24.86 -2.61 -0.27	21.81 -2.64 3.07	23.92 -2.46 -0.25	23.55 -2.45 -0.23	24.51 -2.74 1.59	30.79 -3.15 -0.03	31.00 -3.01 -0.19	38.64 -3.54 -0.01	44.46 -3.66 0.00	39.89 -3.42 0.00	33.60 -2.34 0.00	29.91 -1.94 0.00	28.55 -1.79 0.00
CARR STREET_E_SYR 24060	23.94 -0.60 -0.60	21.39 -0.53 -0.69	21.66 -0.57 -0.38	20.08 -0.50 -0.58	20.79 -0.54 -0.57	20.29 -0.50 -0.59	20.18 -0.51 -1.21	21.09 -0.54 -1.47	22.28 -0.55 -1.72	24.72 -0.63 -0.96	28.10 -0.73 -0.82	27.12 -0.68 -0.60	27.47 -0.63 -0.58	26.20 -0.65 -0.72	25.81 -0.64 -0.68	28.39 -0.78 -0.33	33.17 -0.91 -0.16	33.53 -0.88 -0.59	41.14 -1.05 -0.01	46.97 -1.16 0.00	42.23 -1.08 0.00	35.11 -0.83 0.00	31.15 -0.70 0.00	29.74 -0.61 0.00
CARTHAGE___PAPER 23857	23.58 -0.67 -0.31	20.96 -0.64 -0.36	22.41 -0.63 -1.20	20.94 -0.60 -1.54	21.68 -0.64 -1.56	20.79 -0.65 -1.23	20.31 -0.68 -1.52	21.48 -0.69 -2.01	22.56 -0.74 -2.19	25.42 -0.93 -1.95	28.99 -1.06 -2.05	27.95 -1.14 -1.89	28.24 -1.18 -1.90	26.92 -1.12 -1.91	26.53 -1.11 -1.87	29.45 -1.21 -1.82	34.60 -1.29 -1.97	34.88 -1.12 -2.18	43.31 -1.14 -2.26	49.53 -0.82 -2.22	42.62 -0.69 0.00	35.22 -0.72 0.00	31.08 -0.76 0.00	29.49 -0.85 0.00
CASSADAGA_WT_PWR 323784	21.09 -3.28 -0.43	18.74 -2.99 -0.50	19.14 -2.99 -0.28	18.25 -2.78 -1.03	18.29 -2.89 -0.41	18.40 -2.77 -0.96	19.02 -2.59 -2.14	19.76 -2.78 -2.38	19.49 -2.83 -1.21	21.78 -3.29 -0.68	24.92 -3.67 -0.59	23.99 -3.64 -0.43	24.00 -3.60 -0.08	23.24 -3.37 -0.48	23.04 -3.17 -0.45	25.61 -3.26 -0.03	30.14 -3.87 -0.09	30.34 -3.86 -0.38	37.51 -4.68 -0.01	43.17 -4.96 0.00	38.77 -4.55 0.00	32.81 -3.13 0.00	29.24 -2.61 0.00	27.86 -2.49 0.00
CE_DUNWOOD___DRP 24194	30.63 1.29 -5.40	28.60 1.15 -6.22	26.46 1.18 -3.44	26.32 1.06 -5.27	26.96 1.10 -5.09	26.66 1.11 -5.35	31.45 1.05 -10.93	34.49 1.13 -13.20	37.76 1.16 -15.49	34.37 1.37 -8.62	36.99 1.60 -7.39	34.16 1.60 -5.36	34.37 1.60 -5.26	34.13 1.49 -6.51	33.38 1.47 -6.15	33.58 1.79 -2.95	37.47 2.10 -1.45	41.20 2.10 -5.29	44.89 2.62 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	37.91 1.98 0.00	33.41 1.56 0.00	31.74 1.40 0.00
CE_MILLWOOD___DRP 24193	30.49 1.22 -5.33	28.45 1.08 -6.14	26.33 1.09 -3.39	26.20 1.00 -5.20	26.83 1.04 -5.03	26.53 1.05 -5.28	31.25 0.99 -10.78	34.26 1.07 -13.03	37.50 1.10 -15.29	34.19 1.29 -8.50	36.82 1.51 -7.30	34.01 1.52 -5.29	34.22 1.51 -5.19	33.96 1.41 -6.42	33.23 1.39 -6.07	33.42 1.67 -2.92	37.32 1.97 -1.43	41.00 1.96 -5.22	44.72 2.45 -0.09	50.67 2.55 0.00	45.61 2.30 0.00	37.77 1.83 0.00	33.31 1.47 0.00	31.65 1.30 0.00
CE_NYC2_DRP 24202	31.31 1.56 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.93 1.35 -5.37	32.24 1.25 -11.52	35.15 1.31 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.90 -7.83	36.63 1.90 -7.53	36.98 1.90 -7.56	35.01 1.78 -7.10	36.14 1.75 -8.62	36.29 2.08 -5.37	40.01 2.48 -3.62	43.43 2.50 -7.11	46.36 3.12 -1.05	51.32 3.18 -0.02	46.99 2.95 -0.73	38.65 2.34 -0.38	34.26 1.88 -0.53	32.07 1.73 0.00
CE_NYC_DRP 24195	30.78 1.44 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.92 1.29 -15.53	34.51 1.49 -8.63	37.18 1.76 -7.41	34.36 1.80 -5.37	34.58 1.79 -5.27	34.32 1.67 -6.52	33.58 1.65 -6.16	33.76 1.96 -2.96	37.71 2.34 -1.46	41.48 2.37 -5.30	45.22 2.95 -0.09	51.20 3.08 0.00	46.09 2.77 0.00	38.13 2.19 0.00	33.60 1.75 0.00	31.92 1.58 0.00
CHAFFEE___LFGE 323603	21.44 -2.92 -0.42	19.06 -2.65 -0.48	19.48 -2.64 -0.28	18.64 -2.46 -1.10	18.67 -2.49 -0.40	18.76 -2.47 -1.02	19.45 -2.30 -2.28	20.26 -2.42 -2.52	19.86 -2.41 -1.16	22.42 -2.63 -0.66	25.91 -2.66 -0.57	24.98 -2.64 -0.42	24.98 -2.70 -0.15	24.26 -2.33 -0.45	23.87 -2.32 -0.43	26.80 -2.10 -0.06	31.36 -2.65 -0.08	31.31 -2.87 -0.36	38.44 -3.75 -0.01	44.18 -3.95 0.00	39.59 -3.73 0.00	33.39 -2.55 0.00	29.72 -2.13 0.00	28.25 -2.09 0.00
CHATEAUG_35_KV_LOAD 355732	23.19 -0.74 0.00	20.60 -0.64 0.00	-0.98 -0.70 22.13	-8.00 -0.64 27.36	-7.98 -0.69 28.06	-0.86 -0.67 20.40	-0.88 -0.64 19.71	-7.92 -0.60 27.48	-8.17 -0.65 28.62	-8.42 -0.66 32.16	-8.69 -0.81 35.89	-8.59 -0.87 34.92	-8.66 -0.94 35.25	-8.55 -0.78 33.89	-8.50 -0.77 33.50	-8.51 -0.95 36.40	-8.68 -1.05 41.54	-8.60 -1.12 41.30	-9.11 -1.48 49.82	-2.38 -1.49 49.01	42.40 -0.91 0.00	35.07 -0.86 0.00	31.18 -0.67 0.00	29.55 -0.79 0.00
CHATEAUG_WT_PWR 323614	23.12 -0.81 0.00	20.53 -0.70 0.00	0.45 -0.77 20.63	-6.23 -0.72 25.51	-6.15 -0.75 26.16	0.45 -0.73 19.02	0.39 -0.70 18.38	-6.13 -0.66 25.63	-6.30 -0.72 26.69	-6.33 -0.73 29.99	-6.33 -0.87 33.46	-6.29 -0.92 32.57	-6.34 -0.99 32.87	-6.31 -0.84 31.61	-6.32 -0.85 31.23	-6.08 -0.98 33.94	-5.94 -1.12 38.74	-5.91 -1.22 38.51	-5.88 -1.60 46.45	0.74 -1.69 45.70	42.27 -1.04 0.00	35.00 -0.93 0.00	31.08 -0.76 0.00	29.49 -0.85 0.00
CHAT_HIGH_FALL_HYD 323578	23.19 -0.74 0.00	20.60 -0.64 0.00	-0.98 -0.70 22.13	-8.00 -0.64 27.36	-7.98 -0.69 28.06	-0.86 -0.67 20.40	-0.88 -0.64 19.71	-7.92 -0.60 27.48	-8.17 -0.65 28.62	-8.42 -0.66 32.16	-8.69 -0.81 35.89	-8.59 -0.87 34.92	-8.66 -0.94 35.25	-8.55 -0.78 33.89	-8.50 -0.77 33.50	-8.51 -0.95 36.40	-8.68 -1.05 41.54	-8.60 -1.12 41.30	-9.11 -1.48 49.82	-2.38 -1.49 49.01	42.40 -0.91 0.00	35.07 -0.86 0.00	31.18 -0.67 0.00	29.55 -0.79 0.00
CHAUTAUQUA___LFGE 323629	21.75 -2.63 -0.45	19.37 -2.38 -0.51	19.76 -2.38 -0.29	18.79 -2.22 -1.01	18.90 -2.28 -0.42	18.95 -2.20 -0.95	19.54 -2.03 -2.10	20.28 -2.22 -2.34	20.07 -2.28 -1.24	22.39 -2.71 -0.70	25.56 -3.05 -0.60	24.62 -3.02 -0.44	24.58 -3.00 -0.06	23.80 -2.82 -0.49	23.47 -2.76 -0.47	25.92 -2.94 -0.02	30.49 -3.53 -0.09	30.76 -3.45 -0.40	37.97 -4.22 -0.01	43.60 -4.53 0.00	39.07 -4.24 0.00	33.06 -2.88 0.00	29.49 -2.36 0.00	28.07 -2.28 0.00
CHERRYST_13_KV_LD 356241	30.83 1.48 -5.41	28.80 1.34 -6.23	26.64 1.35 -3.44	26.51 1.24 -5.28	27.13 1.27 -5.10	26.86 1.29 -5.36	31.63 1.21 -10.95	34.66 1.27 -13.23	37.97 1.33 -15.53	34.59 1.56 -8.63	37.26 1.85 -7.41	34.44 1.88 -5.37	34.63 1.84 -5.27	34.37 1.72 -6.52	33.63 1.70 -6.16	33.84 2.05 -2.96	37.82 2.44 -1.46	41.55 2.43 -5.30	45.31 3.04 -0.09	51.35 3.22 0.00	46.22 2.90 0.00	38.20 2.26 0.00	33.66 1.82 0.00	31.98 1.64 0.00

CHESTROR_138KV_BK263 355645	29.85 0.93 -4.98	27.79 0.83 -5.73	25.87 0.85 -3.17	25.63 0.78 -4.85	26.29 0.83 -4.69	25.98 0.85 -4.93	30.34 0.80 -10.07	33.18 0.85 -12.17	36.26 0.87 -14.28	33.33 1.00 -7.94	36.00 1.18 -6.81	33.33 1.20 -4.94	33.55 1.18 -4.85	33.22 1.10 -6.00	32.52 1.08 -5.67	32.86 1.30 -2.72	36.75 1.49 -1.34	40.14 1.45 -4.87	44.08 1.81 -0.08	50.10 1.97 0.00	45.05 1.73 0.00	37.30 1.37 0.00	32.93 1.08 0.00	31.28 0.94 0.00
CH_MIDHUDSON___DRP 24192	30.63 1.22 -5.47	28.62 1.08 -6.30	26.44 1.11 -3.48	26.33 1.00 -5.34	26.96 1.04 -5.16	26.68 1.05 -5.42	31.54 0.99 -11.07	34.59 1.05 -13.38	37.91 1.10 -15.70	34.39 1.27 -8.73	36.98 1.48 -7.49	34.10 1.47 -5.43	34.33 1.49 -5.33	34.11 1.38 -6.59	33.36 1.37 -6.23	33.47 1.64 -2.99	37.32 1.93 -1.47	41.10 1.93 -5.36	44.68 2.40 -0.09	50.72 2.60 0.00	45.61 2.30 0.00	37.73 1.80 0.00	33.31 1.47 0.00	31.65 1.30 0.00
CH_MISC_IPPS 23765	30.60 1.29 -5.37	28.55 1.12 -6.19	26.42 1.16 -3.42	26.28 1.04 -5.24	26.93 1.10 -5.07	26.66 1.13 -5.33	31.40 1.05 -10.88	34.41 1.11 -13.14	37.67 1.14 -15.42	34.28 1.32 -8.58	36.93 1.57 -7.36	34.11 1.58 -5.33	34.35 1.60 -5.23	34.07 1.46 -6.48	33.35 1.47 -6.12	33.51 1.73 -2.94	37.40 2.04 -1.45	41.07 1.99 -5.26	44.76 2.49 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	37.88 1.94 0.00	33.38 1.53 0.00	31.68 1.33 0.00
CH_RES_BVR_FALLS 23983	23.26 -0.67 0.00	20.64 -0.59 0.00	21.23 -0.61 0.00	19.44 -0.56 0.00	20.18 -0.58 0.00	19.64 -0.57 0.00	18.93 -0.55 0.00	19.62 -0.54 0.00	20.54 -0.57 0.00	23.76 -0.63 0.00	27.28 -0.73 0.00	26.49 -0.71 0.00	26.78 -0.74 0.00	25.45 -0.68 0.00	25.10 -0.67 0.00	28.09 -0.75 0.00	33.04 -0.88 0.00	32.94 -0.88 0.00	41.08 -1.10 0.00	46.97 -1.16 0.00	42.36 -0.95 0.00	35.15 -0.79 0.00	31.21 -0.64 0.00	29.74 -0.61 0.00
CH_RES_NIAGARA 23895	21.92 -2.47 -0.45	19.56 -2.19 -0.52	19.93 -2.21 -0.29	18.85 -2.06 -0.91	19.01 -2.18 -0.42	19.00 -2.06 -0.86	19.49 -1.87 -1.88	20.08 -2.20 -2.12	19.96 -2.41 -1.25	22.10 -3.00 -0.70	24.92 -3.70 -0.61	24.19 -3.45 -0.44	24.13 -3.36 0.04	23.21 -3.42 -0.50	22.94 -3.30 -0.47	24.98 -3.84 0.02	29.30 -4.71 -0.10	29.76 -4.46 -0.41	36.83 -5.36 -0.01	41.96 -6.16 0.00	37.68 -5.63 0.00	31.95 -3.99 0.00	28.47 -3.38 0.00	27.07 -3.28 0.00
CH_RES_SYRACUSE 23985	24.14 -0.46 -0.66	21.58 -0.40 -0.76	21.83 -0.44 -0.42	20.24 -0.40 -0.64	20.97 -0.42 -0.62	20.45 -0.40 -0.65	20.41 -0.39 -1.33	21.34 -0.42 -1.60	22.57 -0.42 -1.88	24.95 -0.49 -1.05	28.40 -0.50 -0.90	27.36 -0.49 -0.65	27.72 -0.44 -0.64	26.48 -0.44 -0.79	26.07 -0.44 -0.75	28.62 -0.58 -0.36	33.45 -0.65 -0.18	33.85 -0.61 -0.64	41.43 -0.76 -0.01	47.35 -0.77 0.00	42.53 -0.78 0.00	35.36 -0.58 0.00	31.37 -0.48 0.00	29.92 -0.42 0.00
CLINTON_WT_PWR 323605	23.12 -0.81 0.00	20.53 -0.70 0.00	0.45 -0.77 20.63	-6.23 -0.72 25.51	-6.15 -0.75 26.16	0.45 -0.73 19.02	0.39 -0.70 18.38	-6.13 -0.66 25.63	-6.30 -0.72 26.69	-6.33 -0.73 29.99	-6.33 -0.87 33.46	-6.29 -0.92 32.57	-6.34 -0.99 32.87	-6.31 -0.84 31.61	-6.32 -0.85 31.23	-6.08 -0.98 33.94	-5.94 -1.12 38.74	-5.91 -1.22 38.51	-5.88 -1.60 46.45	0.74 -1.69 45.70	42.27 -1.04 0.00	35.00 -0.93 0.00	31.08 -0.76 0.00	29.49 -0.85 0.00
CLINTON___LFGE 323618	23.15 -0.79 0.00	20.60 -0.64 0.00	0.01 -0.70 21.14	-6.76 -0.62 26.13	-6.70 -0.67 26.80	0.01 -0.71 19.48	0.00 -0.64 18.83	-6.65 -0.56 26.25	-6.76 -0.53 27.34	-6.76 -0.44 30.72	-6.78 -0.50 34.28	-6.76 -0.60 33.36	-6.78 -0.63 33.67	-6.77 -0.52 32.38	-6.77 -0.54 32.00	-6.65 -0.72 34.77	-6.54 -0.78 39.68	-6.58 -0.95 39.45	-6.54 -1.14 47.59	0.01 -1.30 46.82	42.66 -0.65 0.00	35.25 -0.68 0.00	31.31 -0.54 0.00	29.65 -0.70 0.00
COBBLENY_34_KV_TB1 80064	21.44 -2.92 -0.42	19.06 -2.65 -0.48	19.46 -2.67 -0.28	18.64 -2.46 -1.10	18.67 -2.49 -0.40	18.76 -2.46 -1.02	19.49 -2.26 -2.28	20.32 -2.36 -2.52	19.87 -2.41 -1.16	22.42 -2.63 -0.66	25.91 -2.66 -0.57	25.03 -2.58 -0.42	25.08 -2.59 -0.15	24.26 -2.33 -0.45	23.93 -2.27 -0.43	26.79 -2.11 -0.06	31.39 -2.61 -0.08	31.31 -2.87 -0.36	38.56 -3.63 -0.01	44.23 -3.90 0.00	39.72 -3.59 0.00	33.49 -2.44 0.00	29.72 -2.13 0.00	28.22 -2.12 0.00
COFFEEN___115KV_TB3 355620	23.67 -0.62 -0.36	21.03 -0.62 -0.41	22.32 -0.59 -1.06	20.80 -0.58 -1.38	21.53 -0.62 -1.39	20.70 -0.63 -1.12	20.23 -0.70 -1.46	21.36 -0.71 -1.91	22.45 -0.76 -2.10	25.17 -1.00 -1.78	28.73 -1.12 -1.84	27.67 -1.20 -1.67	27.99 -1.21 -1.68	26.66 -1.18 -1.71	26.25 -1.19 -1.67	29.14 -1.27 -1.57	34.26 -1.32 -1.66	34.61 -1.12 -1.91	42.97 -1.10 -1.89	49.35 -0.63 -1.85	42.79 -0.52 0.00	35.36 -0.57 0.00	31.15 -0.70 0.00	29.52 -0.82 0.00
COLDSPRG_115KV_BK1 355956	21.67 -2.68 -0.41	19.25 -2.46 -0.48	19.67 -2.45 -0.27	18.78 -2.28 -1.07	18.83 -2.33 -0.39	18.93 -2.26 -0.99	19.64 -2.04 -2.21	20.45 -2.16 -2.45	20.04 -2.22 -1.15	22.50 -2.54 -0.65	25.88 -2.69 -0.56	25.03 -2.58 -0.41	25.11 -2.56 -0.15	24.20 -2.38 -0.45	23.95 -2.24 -0.42	26.74 -2.16 -0.06	31.32 -2.68 -0.08	31.37 -2.81 -0.36	38.73 -3.46 -0.01	44.47 -3.66 0.00	40.02 -3.29 0.00	33.82 -2.12 0.00	30.00 -1.85 0.00	28.52 -1.82 0.00
COLONIE_LFGE___ 323577	31.62 1.03 -6.66	29.81 0.91 -7.66	27.02 0.94 -4.24	27.33 0.84 -6.49	27.89 0.85 -6.28	27.65 0.85 -6.60	33.77 0.84 -13.47	37.28 0.85 -16.27	41.11 0.91 -19.10	36.08 1.07 -10.62	38.32 1.20 -9.11	34.94 1.14 -6.60	35.18 1.18 -6.48	35.27 1.12 -8.02	34.45 1.11 -7.58	33.83 1.36 -3.64	37.30 1.59 -1.79	41.89 1.56 -6.52	44.27 1.98 -0.11	50.34 2.21 0.00	45.22 1.90 0.00	37.45 1.51 0.00	33.16 1.31 0.00	31.56 1.22 0.00
COOPERNY_115KV_TB1 80082	28.65 0.65 -4.07	26.49 0.57 -4.68	25.00 0.57 -2.59	24.50 0.54 -3.96	25.20 0.60 -3.83	24.84 0.61 -4.03	28.26 0.56 -8.23	30.70 0.60 -9.94	33.41 0.63 -11.66	31.59 0.71 -6.49	34.41 0.84 -5.57	32.08 0.84 -4.03	32.33 0.85 -3.96	31.81 0.78 -4.90	31.17 0.77 -4.63	31.98 0.92 -2.22	36.03 1.02 -1.09	38.81 1.01 -3.98	43.47 1.22 -0.07	49.47 1.35 0.00	44.48 1.17 0.00	36.91 0.97 0.00	32.58 0.73 0.00	30.98 0.64 0.00
COPENHAGEN_WT_PWR 323753	23.61 -0.69 -0.37	21.00 -0.66 -0.42	22.22 -0.65 -1.02	20.71 -0.62 -1.34	21.43 -0.68 -1.35	20.61 -0.69 -1.09	20.18 -0.74 -1.45	21.30 -0.75 -1.88	22.40 -0.78 -2.08	25.13 -1.00 -1.74	28.67 -1.12 -1.79	27.62 -1.20 -1.61	27.93 -1.21 -1.62	26.61 -1.18 -1.65	26.22 -1.16 -1.62	29.07 -1.27 -1.50	34.15 -1.36 -1.58	34.47 -1.18 -1.84	42.74 -1.22 -1.79	48.96 -0.92 -1.75	42.53 -0.78 0.00	35.18 -0.76 0.00	31.02 -0.83 0.00	29.46 -0.88 0.00
CORNELL_____ 23752	27.62 -0.17 -3.86	25.51 -0.17 -4.44	24.09 -0.17 -2.42	21.09 -0.16 -1.26	24.23 -0.17 -3.63	21.66 -0.16 -1.62	21.92 -0.16 -2.61	24.00 -0.16 -4.00	32.17 -0.17 -11.23	30.35 -0.24 -6.21	33.07 -0.25 -5.31	30.78 -0.24 -3.82	32.16 -0.19 -4.83	30.71 -0.26 -4.84	30.09 -0.26 -4.58	31.37 -0.26 -2.79	34.83 -0.24 -1.15	37.63 -0.14 -3.95	42.20 -0.04 -0.06	48.27 0.14 0.00	43.40 0.09 0.00	36.08 0.14 0.00	31.91 0.06 0.00	30.37 0.03 0.00

CORONA_69_KV_TB1 355595	30.97 1.63 -5.41	28.84 1.38 -6.23	26.69 1.40 -3.44	26.49 1.22 -5.28	27.11 1.25 -5.10	26.84 1.27 -5.36	31.62 1.21 -10.95	34.86 1.47 -13.22	38.11 1.48 -15.52	34.68 1.66 -8.63	37.35 1.93 -7.41	34.53 1.96 -5.37	34.71 1.93 -5.27	34.48 1.83 -6.52	33.73 1.80 -6.16	33.99 2.19 -2.96	37.99 2.61 -1.45	41.79 2.67 -5.30	45.60 3.33 -0.09	51.44 3.32 0.00	46.30 2.99 0.00	38.45 2.52 0.00	33.79 1.94 0.00	32.07 1.73 0.00
CORTLAND_115KV_TB3 80093	25.42 -0.26 -1.75	23.01 -0.23 -2.01	22.69 -0.26 -1.10	20.81 -0.22 -1.03	22.18 -0.23 -1.65	21.12 -0.22 -1.14	21.40 -0.21 -2.14	22.76 -0.22 -2.82	25.93 -0.23 -5.06	26.90 -0.29 -2.80	30.10 -0.31 -2.40	28.63 -0.30 -1.73	29.20 -0.28 -1.95	28.00 -0.29 -2.16	27.52 -0.28 -2.04	29.64 -0.32 -1.12	34.08 -0.34 -0.50	35.27 -0.30 -1.76	41.96 -0.25 -0.03	47.93 -0.19 0.00	43.10 -0.22 0.00	35.83 -0.11 0.00	31.72 -0.13 0.00	30.19 -0.15 0.00
COXSACKIE__GT 23611	31.52 1.32 -6.27	29.56 1.10 -7.22	26.97 1.14 -3.99	27.15 1.04 -6.11	27.72 1.04 -5.92	27.51 1.09 -6.21	33.19 1.03 -12.69	36.52 1.03 -15.33	40.08 0.97 -17.99	35.50 1.10 -10.01	37.82 1.23 -8.59	34.62 1.20 -6.22	34.89 1.27 -6.11	34.81 1.12 -7.56	34.07 1.16 -7.14	33.65 1.38 -3.43	37.40 1.80 -1.69	41.75 1.79 -6.14	45.19 2.91 -0.10	51.74 3.61 0.00	46.47 3.16 0.00	38.34 2.41 0.00	33.92 2.07 0.00	32.19 1.85 0.00
CPV_VALLEY__CC1 323721	29.35 0.77 -4.65	27.27 0.68 -5.36	25.51 0.70 -2.96	25.18 0.64 -4.54	25.88 0.73 -4.39	25.56 0.75 -4.61	29.59 0.70 -9.42	32.28 0.75 -11.37	35.24 0.78 -13.35	32.69 0.88 -7.42	35.41 1.04 -6.37	32.88 1.06 -4.62	33.10 1.05 -4.53	32.70 0.97 -5.61	32.02 0.95 -5.30	32.54 1.15 -2.54	36.43 1.26 -1.25	39.62 1.25 -4.56	43.77 1.52 -0.08	49.71 1.59 0.00	44.79 1.47 0.00	37.09 1.15 0.00	32.71 0.86 0.00	31.07 0.73 0.00
CPV_VALLEY__CC2 323722	29.35 0.77 -4.65	27.27 0.68 -5.36	25.51 0.70 -2.96	25.18 0.64 -4.54	25.88 0.73 -4.39	25.56 0.75 -4.61	29.59 0.70 -9.42	32.28 0.75 -11.37	35.24 0.78 -13.35	32.69 0.88 -7.42	35.41 1.04 -6.37	32.88 1.06 -4.62	33.10 1.05 -4.53	32.70 0.97 -5.61	32.02 0.95 -5.30	32.54 1.15 -2.54	36.43 1.26 -1.25	39.62 1.25 -4.56	43.77 1.52 -0.08	49.71 1.59 0.00	44.79 1.47 0.00	37.09 1.15 0.00	32.71 0.86 0.00	31.07 0.73 0.00
CRESCENT__HYD 24018	31.62 1.03 -6.66	29.81 0.91 -7.66	27.02 0.94 -4.24	27.33 0.84 -6.49	27.89 0.85 -6.28	27.65 0.85 -6.60	33.77 0.84 -13.47	37.28 0.85 -16.27	41.11 0.91 -19.10	36.08 1.07 -10.62	38.32 1.20 -9.11	34.94 1.14 -6.60	35.18 1.18 -6.48	35.27 1.12 -8.02	34.45 1.11 -7.58	33.83 1.36 -3.64	37.30 1.59 -1.79	41.89 1.56 -6.52	44.27 1.98 -0.11	50.34 2.21 0.00	45.22 1.90 0.00	37.45 1.51 0.00	33.16 1.31 0.00	31.56 1.22 0.00
CRICKET__VALLEY_CC1 323756	30.71 1.13 -5.65	28.74 1.00 -6.51	26.47 1.03 -3.60	26.43 0.92 -5.51	27.03 0.94 -5.33	26.77 0.97 -5.60	31.84 0.93 -11.44	34.95 0.97 -13.82	38.34 1.01 -16.22	34.56 1.15 -9.02	37.06 1.32 -7.74	34.11 1.31 -5.61	34.32 1.29 -5.51	34.17 1.23 -6.81	33.42 1.21 -6.44	33.43 1.50 -3.09	37.17 1.73 -1.52	41.08 1.72 -5.54	44.38 2.11 -0.09	50.34 2.21 0.00	45.31 1.99 0.00	37.52 1.58 0.00	33.12 1.28 0.00	31.53 1.18 0.00
CRICKET__VALLEY_CC2 323757	30.71 1.13 -5.65	28.74 1.00 -6.51	26.47 1.03 -3.60	26.43 0.92 -5.51	27.03 0.94 -5.33	26.77 0.97 -5.60	31.84 0.93 -11.44	34.95 0.97 -13.82	38.34 1.01 -16.22	34.56 1.15 -9.02	37.06 1.32 -7.74	34.11 1.31 -5.61	34.32 1.29 -5.51	34.17 1.23 -6.81	33.42 1.21 -6.44	33.43 1.50 -3.09	37.17 1.73 -1.52	41.08 1.72 -5.54	44.38 2.11 -0.09	50.34 2.21 0.00	45.31 1.99 0.00	37.52 1.58 0.00	33.12 1.28 0.00	31.53 1.18 0.00
CRICKET__VALLEY_CC3 323758	30.71 1.13 -5.65	28.74 1.00 -6.51	26.47 1.03 -3.60	26.43 0.92 -5.51	27.03 0.94 -5.33	26.77 0.97 -5.60	31.84 0.93 -11.44	34.95 0.97 -13.82	38.34 1.01 -16.22	34.56 1.15 -9.02	37.06 1.32 -7.74	34.11 1.31 -5.61	34.32 1.29 -5.51	34.17 1.23 -6.81	33.42 1.21 -6.44	33.43 1.50 -3.09	37.17 1.73 -1.52	41.08 1.72 -5.54	44.38 2.11 -0.09	50.34 2.21 0.00	45.31 1.99 0.00	37.52 1.58 0.00	33.12 1.28 0.00	31.53 1.18 0.00
CRUCIBLE_METL_DRP 24180	24.14 -0.45 -0.66	21.59 -0.40 -0.76	21.83 -0.44 -0.42	20.24 -0.40 -0.64	20.97 -0.42 -0.62	20.45 -0.40 -0.65	20.41 -0.39 -1.33	21.36 -0.40 -1.60	22.57 -0.42 -1.88	24.95 -0.49 -1.05	28.40 -0.50 -0.90	27.36 -0.49 -0.65	27.75 -0.41 -0.64	26.48 -0.44 -0.79	26.07 -0.44 -0.75	28.65 -0.55 -0.36	33.45 -0.64 -0.18	33.85 -0.61 -0.64	41.43 -0.76 -0.01	47.31 -0.82 0.00	42.53 -0.78 0.00	35.36 -0.57 0.00	31.34 -0.51 0.00	29.92 -0.42 0.00
DAHOWA__HYDRO 323763	31.96 1.27 -6.76	30.12 1.10 -7.78	27.28 1.14 -4.30	27.61 1.02 -6.59	28.19 1.06 -6.37	27.93 1.03 -6.70	34.15 1.01 -13.67	37.68 1.01 -16.52	41.59 1.10 -19.39	36.46 1.29 -10.78	38.77 1.51 -9.25	35.40 1.50 -6.70	35.64 1.54 -6.58	35.71 1.44 -8.14	34.90 1.44 -7.69	34.23 1.70 -3.70	37.74 2.00 -1.82	42.46 2.03 -6.61	44.91 2.62 -0.11	51.16 3.03 0.00	45.87 2.55 0.00	37.95 2.01 0.00	33.54 1.69 0.00	31.89 1.55 0.00
DANC__LFGE 323619	23.60 -0.77 -0.43	21.01 -0.72 -0.50	21.95 -0.72 -0.82	20.41 -0.68 -1.10	21.12 -0.75 -1.10	20.41 -0.73 -0.93	20.07 -0.76 -1.36	21.11 -0.79 -1.73	22.25 -0.80 -1.94	24.87 -1.00 -1.48	28.36 -1.12 -1.48	27.32 -1.17 -1.29	27.66 -1.15 -1.29	26.36 -1.12 -1.36	25.95 -1.13 -1.32	28.70 -1.27 -1.14	33.67 -1.39 -1.14	34.01 -1.25 -1.44	42.03 -1.39 -1.24	48.08 -1.25 -1.21	42.19 -1.13 0.00	34.93 -1.01 0.00	30.92 -0.92 0.00	29.43 -0.91 0.00
DANSKAMMER__1 23586	30.60 1.29 -5.37	28.55 1.12 -6.19	26.42 1.16 -3.42	26.28 1.04 -5.24	26.93 1.10 -5.07	26.66 1.13 -5.33	31.40 1.05 -10.88	34.41 1.11 -13.14	37.67 1.14 -15.42	34.28 1.32 -8.58	36.93 1.57 -7.36	34.11 1.58 -5.33	34.35 1.60 -5.23	34.07 1.46 -6.48	33.35 1.47 -6.12	33.51 1.73 -2.94	37.40 2.04 -1.45	41.07 1.99 -5.26	44.76 2.49 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	37.88 1.94 0.00	33.38 1.53 0.00	31.68 1.33 0.00
DANSKAMMER__2 23589	30.60 1.29 -5.37	28.55 1.12 -6.19	26.42 1.16 -3.42	26.28 1.04 -5.24	26.93 1.10 -5.07	26.66 1.13 -5.33	31.40 1.05 -10.88	34.41 1.11 -13.14	37.67 1.14 -15.42	34.28 1.32 -8.58	36.93 1.57 -7.36	34.11 1.58 -5.33	34.35 1.60 -5.23	34.07 1.46 -6.48	33.35 1.47 -6.12	33.51 1.73 -2.94	37.40 2.04 -1.45	41.07 1.99 -5.26	44.76 2.49 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	37.88 1.94 0.00	33.38 1.53 0.00	31.68 1.33 0.00
DANSKAMMER__3 23590	30.60 1.29 -5.37	28.55 1.12 -6.19	26.42 1.16 -3.42	26.28 1.04 -5.24	26.93 1.10 -5.07	26.66 1.13 -5.33	31.40 1.05 -10.88	34.41 1.11 -13.14	37.67 1.14 -15.42	34.28 1.32 -8.58	36.93 1.57 -7.36	34.11 1.58 -5.33	34.35 1.60 -5.23	34.07 1.46 -6.48	33.35 1.47 -6.12	33.51 1.73 -2.94	37.40 2.04 -1.45	41.07 1.99 -5.26	44.76 2.49 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	37.88 1.94 0.00	33.38 1.53 0.00	31.68 1.33 0.00

DANSKAMMER___4 23591	30.60 1.29 -5.37	28.55 1.12 -6.19	26.42 1.16 -3.42	26.28 1.04 -5.24	26.93 1.10 -5.07	26.66 1.13 -5.33	31.40 1.05 -10.88	34.41 1.11 -13.14	37.67 1.14 -15.42	34.28 1.32 -8.58	36.93 1.57 -7.36	34.11 1.58 -5.33	34.35 1.60 -5.23	34.07 1.46 -6.48	33.35 1.47 -6.12	33.51 1.73 -2.94	37.40 2.04 -1.45	41.07 1.99 -5.26	44.76 2.49 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	37.88 1.94 0.00	33.38 1.53 0.00	31.68 1.33 0.00
DANSKAMMER___DIESEL 23592	30.60 1.29 -5.37	28.55 1.13 -6.19	26.42 1.16 -3.42	26.28 1.04 -5.24	26.93 1.10 -5.07	26.64 1.11 -5.33	31.40 1.05 -10.88	34.41 1.11 -13.14	37.67 1.14 -15.42	34.29 1.32 -8.58	36.93 1.57 -7.36	34.11 1.58 -5.33	34.32 1.57 -5.23	34.07 1.46 -6.48	33.33 1.44 -6.12	33.51 1.73 -2.94	37.40 2.04 -1.45	41.07 2.00 -5.26	44.76 2.49 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	37.84 1.90 0.00	33.38 1.53 0.00	31.71 1.37 0.00
DARBY___SOLAR 323810	31.87 1.20 -6.74	30.06 1.06 -7.76	27.23 1.09 -4.29	27.55 0.98 -6.57	28.12 1.00 -6.36	27.87 0.99 -6.68	34.09 0.97 -13.64	37.61 0.97 -16.48	41.49 1.03 -19.35	36.39 1.24 -10.76	38.66 1.43 -9.23	35.30 1.41 -6.69	35.54 1.46 -6.57	35.61 1.36 -8.12	34.78 1.34 -7.68	34.14 1.61 -3.69	37.63 1.90 -1.81	42.31 1.89 -6.60	44.74 2.45 -0.11	50.96 2.84 0.00	45.74 2.42 0.00	37.84 1.90 0.00	33.44 1.59 0.00	31.80 1.46 0.00
DASHVILLE___HYD 23610	30.23 0.77 -5.53	28.26 0.66 -6.37	26.04 0.68 -3.52	26.01 0.62 -5.39	26.62 0.64 -5.21	26.37 0.69 -5.48	31.28 0.62 -11.19	34.34 0.67 -13.51	37.65 0.68 -15.86	33.99 0.78 -8.82	36.50 0.92 -7.57	33.61 0.92 -5.48	33.84 0.94 -5.38	33.65 0.86 -6.66	32.91 0.85 -6.30	32.93 1.07 -3.02	36.66 1.26 -1.49	40.45 1.22 -5.41	44.30 2.02 -0.09	50.39 2.26 0.00	45.35 2.04 0.00	37.52 1.58 0.00	33.15 1.31 0.00	31.53 1.18 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.07 1.72 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.31 1.04 -5.28	26.88 1.02 -5.10	26.67 1.11 -5.36	31.60 1.19 -10.95	35.26 1.88 -13.22	38.57 1.94 -15.52	34.88 1.85 -8.63	36.90 1.48 -7.41	33.85 1.28 -5.37	33.97 1.18 -5.27	33.80 1.15 -6.52	33.06 1.13 -6.16	33.30 1.50 -2.96	37.21 1.83 -1.45	41.28 2.16 -5.30	44.93 2.66 -0.09	50.53 2.41 0.00	45.39 2.08 0.00	37.98 2.05 0.00	33.22 1.37 0.00	31.68 1.34 0.00
DELAWARE___LFGE 323621	26.75 0.45 -2.36	24.33 0.38 -2.71	23.76 0.42 -1.50	22.70 0.40 -2.30	23.42 0.44 -2.22	22.94 0.40 -2.34	24.61 0.37 -4.77	26.33 0.40 -5.76	28.29 0.42 -6.76	28.62 0.46 -3.76	31.79 0.56 -3.23	30.08 0.54 -2.34	30.39 0.58 -2.29	29.49 0.52 -2.84	28.96 0.52 -2.68	30.76 0.63 -1.29	35.30 0.75 -0.63	36.90 0.78 -2.31	43.19 0.97 -0.04	49.23 1.11 0.00	44.31 1.00 0.00	36.76 0.83 0.00	32.49 0.64 0.00	30.89 0.55 0.00
DERFIELD_115KV_TB7 355931	24.13 0.19 0.00	21.38 0.15 0.00	22.02 0.17 0.00	20.16 0.16 0.00	20.93 0.17 0.00	20.34 0.14 0.00	19.61 0.14 0.00	20.30 0.14 0.00	21.26 0.15 0.00	24.56 0.17 0.00	28.20 0.20 0.00	27.39 0.19 0.00	27.74 0.22 0.00	26.31 0.18 0.00	25.95 0.18 0.00	29.07 0.23 0.00	34.19 0.27 0.00	34.12 0.30 0.00	42.56 0.38 0.00	48.56 0.43 0.00	43.66 0.35 0.00	36.22 0.29 0.00	32.07 0.22 0.00	30.56 0.21 0.00
DOGLEVILLE___HYD 23807	24.15 0.21 0.00	21.40 0.17 0.00	22.04 0.20 0.00	20.16 0.16 0.00	20.91 0.15 0.00	20.34 0.14 0.00	19.59 0.12 0.00	20.26 0.10 0.00	21.21 0.11 0.00	24.52 0.12 0.00	28.17 0.17 0.00	27.36 0.16 0.00	27.69 0.17 0.00	26.29 0.16 0.00	25.92 0.16 0.00	29.07 0.23 0.00	34.19 0.27 0.00	34.12 0.30 0.00	42.60 0.42 0.00	48.65 0.53 0.00	43.87 0.56 0.00	36.44 0.50 0.00	32.23 0.38 0.00	30.68 0.33 0.00
DUNKIRK___115KV_TB_200 55889	21.82 -2.56 -0.45	19.43 -2.31 -0.52	19.82 -2.32 -0.29	18.85 -2.16 -1.01	18.96 -2.22 -0.42	19.01 -2.14 -0.95	19.63 -1.93 -2.09	20.42 -2.08 -2.33	20.14 -2.22 -1.25	22.46 -2.63 -0.70	25.61 -3.00 -0.61	24.79 -2.86 -0.44	24.74 -2.83 -0.05	23.86 -2.77 -0.49	23.60 -2.63 -0.47	26.06 -2.80 -0.02	30.62 -3.39 -0.09	30.83 -3.38 -0.40	38.10 -4.09 -0.01	43.70 -4.43 0.00	39.28 -4.03 0.00	33.21 -2.73 0.00	29.52 -2.32 0.00	28.07 -2.28 0.00
DUNKIRK___1 23563	21.82 -2.56 -0.45	19.43 -2.31 -0.52	19.82 -2.32 -0.29	18.85 -2.16 -1.01	18.96 -2.22 -0.42	19.01 -2.14 -0.95	19.63 -1.93 -2.09	20.42 -2.08 -2.33	20.14 -2.22 -1.25	22.46 -2.63 -0.70	25.61 -3.00 -0.61	24.79 -2.86 -0.44	24.74 -2.83 -0.05	23.86 -2.77 -0.49	23.60 -2.63 -0.47	26.06 -2.80 -0.02	30.62 -3.39 -0.09	30.83 -3.38 -0.40	38.10 -4.09 -0.01	43.70 -4.43 0.00	39.28 -4.03 0.00	33.21 -2.73 0.00	29.52 -2.32 0.00	28.07 -2.28 0.00
DUNKIRK___2 23564	21.82 -2.56 -0.45	19.43 -2.31 -0.52	19.82 -2.32 -0.29	18.85 -2.16 -1.01	18.96 -2.22 -0.42	19.01 -2.14 -0.95	19.63 -1.93 -2.09	20.42 -2.08 -2.33	20.14 -2.22 -1.25	22.46 -2.63 -0.70	25.61 -3.00 -0.61	24.79 -2.86 -0.44	24.74 -2.83 -0.05	23.86 -2.77 -0.49	23.60 -2.63 -0.47	26.06 -2.80 -0.02	30.62 -3.39 -0.09	30.83 -3.38 -0.40	38.10 -4.09 -0.01	43.70 -4.43 0.00	39.28 -4.03 0.00	33.21 -2.73 0.00	29.52 -2.32 0.00	28.07 -2.28 0.00
DUNKIRK___3 23565	21.88 -2.51 -0.45	19.48 -2.27 -0.52	19.87 -2.27 -0.30	18.90 -2.10 -1.01	19.01 -2.18 -0.43	19.05 -2.10 -0.94	19.67 -1.89 -2.09	20.44 -2.06 -2.33	20.18 -2.20 -1.27	22.50 -2.61 -0.71	25.65 -2.97 -0.61	24.82 -2.83 -0.45	24.79 -2.78 -0.05	23.92 -2.72 -0.50	23.64 -2.60 -0.47	26.06 -2.80 -0.02	30.62 -3.39 -0.10	30.84 -3.38 -0.41	38.10 -4.09 -0.01	43.65 -4.48 0.00	39.24 -4.07 0.00	33.17 -2.77 0.00	29.46 -2.39 0.00	28.04 -2.31 0.00
DUNKIRK___4 23566	21.88 -2.51 -0.45	19.48 -2.27 -0.52	19.87 -2.27 -0.30	18.90 -2.10 -1.01	19.01 -2.18 -0.43	19.05 -2.10 -0.94	19.67 -1.89 -2.09	20.44 -2.06 -2.33	20.18 -2.20 -1.27	22.50 -2.61 -0.71	25.65 -2.97 -0.61	24.82 -2.83 -0.45	24.79 -2.78 -0.05	23.92 -2.72 -0.50	23.64 -2.60 -0.47	26.06 -2.80 -0.02	30.62 -3.39 -0.10	30.84 -3.38 -0.41	38.10 -4.09 -0.01	43.65 -4.48 0.00	39.24 -4.07 0.00	33.17 -2.77 0.00	29.46 -2.39 0.00	28.04 -2.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.69 1.34 -5.41	28.65 1.19 -6.23	26.51 1.22 -3.44	26.37 1.10 -5.28	27.01 1.14 -5.10	26.74 1.17 -5.36	31.51 1.09 -10.95	34.56 1.17 -13.23	37.86 1.22 -15.53	34.44 1.41 -8.63	37.07 1.65 -7.41	34.25 1.69 -5.37	34.44 1.65 -5.27	34.22 1.57 -6.52	33.47 1.55 -6.16	33.64 1.85 -2.96	37.58 2.20 -1.46	41.31 2.20 -5.30	45.01 2.74 -0.09	51.01 2.89 0.00	45.91 2.60 0.00	37.98 2.05 0.00	33.47 1.62 0.00	31.83 1.49 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.24 1.10 -5.20	28.18 0.96 -5.99	26.14 0.98 -3.31	25.95 0.88 -5.07	26.62 0.96 -4.91	26.33 0.97 -5.16	30.89 0.90 -10.53	33.85 0.97 -12.72	37.03 0.99 -14.93	33.84 1.15 -8.30	36.47 1.34 -7.12	33.72 1.36 -5.16	33.93 1.35 -5.07	33.65 1.25 -6.27	32.93 1.24 -5.93	33.15 1.47 -2.85	37.01 1.70 -1.40	40.60 1.69 -5.09	44.38 2.11 -0.09	50.43 2.31 0.00	45.39 2.08 0.00	37.55 1.62 0.00	33.12 1.27 0.00	31.47 1.12 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.79 1.44 -5.42	28.83 1.36 -6.24	26.67 1.38 -3.45	26.54 1.26 -5.28	27.18 1.31 -5.11	26.89 1.31 -5.37	31.58 1.15 -10.96	34.59 1.21 -13.22	37.90 1.27 -15.53	34.54 1.51 -8.63	37.20 1.79 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.75 1.96 -2.95	37.71 2.34 -1.45	41.47 2.37 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.12 2.19 0.01	33.61 1.75 -0.01	31.92 1.58 0.00
E179THST_13_KV_LOAD 356214	30.89 1.53 -5.42	28.92 1.44 -6.24	26.76 1.46 -3.45	26.60 1.32 -5.28	27.24 1.37 -5.11	26.95 1.37 -5.37	31.65 1.23 -10.96	34.67 1.29 -13.22	37.97 1.33 -15.53	34.61 1.59 -8.63	37.28 1.88 -7.40	34.46 1.90 -5.36	34.68 1.90 -5.26	34.42 1.78 -6.51	33.65 1.73 -6.15	33.87 2.08 -2.95	37.84 2.48 -1.45	41.61 2.50 -5.29	45.38 3.12 -0.08	51.29 3.18 0.01	46.25 2.95 0.01	38.26 2.34 0.01	33.74 1.88 -0.01	32.04 1.70 0.00
EAST HAMPTON___GT 23717	30.88 1.53 -5.41	28.55 1.08 -6.23	26.45 1.16 -3.44	26.13 0.86 -5.28	26.70 0.83 -5.10	26.49 0.93 -5.36	31.43 1.01 -10.95	35.10 1.71 -13.22	38.45 1.82 -15.52	34.73 1.71 -8.63	36.59 1.18 -7.41	33.54 0.98 -5.37	33.67 0.88 -5.27	33.48 0.84 -6.52	32.80 0.88 -6.16	32.95 1.15 -2.96	36.77 1.39 -1.45	40.87 1.76 -5.30	44.42 2.15 -0.09	49.91 1.78 0.00	44.87 1.56 0.00	37.56 1.62 0.00	32.39 0.54 0.00	31.04 0.70 0.00
EAST RIVER___6 23660	30.81 1.46 -5.41	28.78 1.32 -6.23	26.64 1.35 -3.44	26.49 1.22 -5.28	27.13 1.27 -5.10	26.84 1.27 -5.36	31.59 1.17 -10.95	34.64 1.25 -13.23	37.94 1.31 -15.53	34.56 1.54 -8.63	37.23 1.82 -7.41	34.42 1.85 -5.37	34.60 1.82 -5.27	34.35 1.70 -6.52	33.63 1.70 -6.16	33.79 1.99 -2.96	37.78 2.41 -1.46	41.52 2.40 -5.30	45.27 3.00 -0.09	51.25 3.13 0.00	46.17 2.86 0.00	38.20 2.27 0.00	33.63 1.78 0.00	31.92 1.58 0.00
EAST RIVER___7 23524	30.81 1.46 -5.41	28.78 1.32 -6.23	26.64 1.35 -3.44	26.49 1.22 -5.28	27.13 1.27 -5.10	26.84 1.27 -5.36	31.59 1.17 -10.95	34.64 1.25 -13.23	37.94 1.31 -15.53	34.56 1.54 -8.63	37.23 1.82 -7.41	34.42 1.85 -5.37	34.60 1.82 -5.27	34.35 1.70 -6.52	33.63 1.70 -6.16	33.79 1.99 -2.96	37.78 2.41 -1.46	41.52 2.40 -5.30	45.27 3.00 -0.09	51.25 3.13 0.00	46.17 2.86 0.00	38.20 2.27 0.00	33.63 1.78 0.00	31.92 1.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.63 1.29 -5.40	28.60 1.15 -6.22	26.46 1.18 -3.44	26.32 1.06 -5.27	26.96 1.10 -5.09	26.66 1.11 -5.35	31.45 1.05 -10.93	34.49 1.13 -13.20	37.76 1.16 -15.49	34.37 1.37 -8.62	36.99 1.60 -7.39	34.16 1.60 -5.36	34.37 1.60 -5.26	34.13 1.49 -6.51	33.38 1.47 -6.15	33.58 1.79 -2.95	37.47 2.10 -1.45	41.20 2.10 -5.29	44.89 2.62 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	37.91 1.98 0.00	33.41 1.56 0.00	31.74 1.40 0.00
EAST_HAMPTON___DIESEL 23722	30.83 1.48 -5.41	28.50 1.04 -6.23	26.40 1.11 -3.44	26.09 0.82 -5.28	26.65 0.79 -5.10	26.45 0.89 -5.36	31.39 0.97 -10.95	35.06 1.67 -13.22	38.41 1.77 -15.52	34.68 1.66 -8.63	36.50 1.09 -7.41	33.46 0.90 -5.37	33.61 0.82 -5.27	33.41 0.76 -6.52	32.73 0.80 -6.16	32.89 1.10 -2.96	36.66 1.29 -1.45	40.77 1.66 -5.30	44.30 2.02 -0.09	49.81 1.68 0.00	44.74 1.43 0.00	37.45 1.51 0.00	32.29 0.45 0.00	30.95 0.61 0.00
EAST_POINT___SOLAR 323840	32.50 1.17 -7.39	30.72 0.98 -8.51	27.56 1.01 -4.71	28.11 0.90 -7.21	28.67 0.94 -6.97	28.44 0.91 -7.33	35.29 0.86 -14.96	39.02 0.79 -18.07	42.34 0.02 -21.21	36.02 -0.17 -11.80	37.93 -0.19 -10.12	34.37 -0.16 -7.33	35.02 0.30 -7.20	35.30 0.26 -8.91	34.39 0.21 -8.42	33.17 0.29 -4.04	36.62 0.71 -1.99	42.81 1.76 -7.24	44.92 2.62 -0.12	51.25 3.13 0.00	46.00 2.69 0.00	38.06 2.12 0.00	33.54 1.69 0.00	31.80 1.46 0.00
EAST_PULASKI___ESR 323781	23.66 -0.77 -0.49	21.10 -0.70 -0.57	21.44 -0.72 -0.31	19.82 -0.66 -0.48	20.50 -0.73 -0.46	20.00 -0.69 -0.49	19.76 -0.70 -0.99	20.64 -0.73 -1.20	21.78 -0.74 -1.41	24.27 -0.90 -0.78	27.64 -1.04 -0.67	26.65 -1.03 -0.49	27.01 -0.99 -0.48	25.73 -0.99 -0.59	25.35 -0.98 -0.56	27.95 -1.15 -0.27	32.76 -1.29 -0.13	33.08 -1.22 -0.48	40.80 -1.39 -0.01	46.73 -1.40 0.00	42.01 -1.30 0.00	34.86 -1.08 0.00	30.92 -0.92 0.00	29.49 -0.85 0.00
EAST_RIVER___1 323558	30.78 1.44 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.62 1.23 -13.23	37.92 1.29 -15.53	34.51 1.49 -8.63	37.18 1.77 -7.41	34.36 1.79 -5.37	34.58 1.79 -5.27	34.32 1.67 -6.52	33.58 1.65 -6.16	33.76 1.96 -2.96	37.71 2.34 -1.46	41.48 2.37 -5.30	45.22 2.95 -0.09	51.21 3.08 0.00	46.13 2.81 0.00	38.13 2.19 0.00	33.57 1.72 0.00	31.89 1.55 0.00
EAST_RIVER___2 323559	30.81 1.46 -5.41	28.78 1.32 -6.23	26.64 1.35 -3.44	26.49 1.22 -5.28	27.13 1.27 -5.10	26.84 1.27 -5.36	31.59 1.17 -10.95	34.64 1.25 -13.23	37.94 1.31 -15.53	34.56 1.54 -8.63	37.23 1.82 -7.41	34.42 1.85 -5.37	34.60 1.82 -5.27	34.35 1.70 -6.52	33.63 1.70 -6.16	33.79 1.99 -2.96	37.78 2.41 -1.46	41.52 2.40 -5.30	45.27 3.00 -0.09	51.25 3.13 0.00	46.17 2.86 0.00	38.20 2.27 0.00	33.63 1.78 0.00	31.92 1.58 0.00
EAST___DELAWARE_HYD 23607	29.75 0.91 -4.90	27.64 0.76 -5.65	25.75 0.79 -3.12	25.50 0.72 -4.78	26.16 0.77 -4.63	25.87 0.81 -4.86	30.13 0.74 -9.92	32.96 0.81 -11.99	35.96 0.78 -14.07	33.10 0.88 -7.83	35.76 1.04 -6.72	33.13 1.06 -4.87	33.34 1.05 -4.78	32.98 0.94 -5.91	32.30 0.95 -5.59	32.64 1.12 -2.68	36.60 1.36 -1.32	39.94 1.32 -4.80	43.95 1.69 -0.08	50.10 1.97 0.00	45.09 1.78 0.00	37.27 1.33 0.00	32.84 0.99 0.00	31.13 0.79 0.00
EIGHT_POINT___WT_PWR 323820	21.31 -2.49 0.13	18.83 -2.25 0.15	19.44 -2.34 0.07	19.10 -2.08 -1.18	18.42 -2.22 0.12	19.02 -2.20 -1.02	19.81 -2.12 -2.46	20.41 -2.28 -2.52	18.28 -2.36 0.47	21.37 -2.78 0.24	24.56 -3.25 0.20	23.80 -3.26 0.13	24.87 -3.30 -0.65	22.79 -3.08 0.26	22.48 -3.04 0.25	25.68 -3.40 -0.25	29.99 -3.83 0.09	29.94 -3.65 0.22	37.92 -4.26 0.00	43.75 -4.38 0.00	39.33 -3.98 0.00	33.31 -2.62 0.00	29.81 -2.04 0.00	28.64 -1.70 0.00
ELBRIDGE_115KV_TB2 80188	24.05 -0.57 -0.69	21.52 -0.51 -0.79	21.76 -0.52 -0.44	20.17 -0.50 -0.67	20.89 -0.52 -0.65	20.40 -0.48 -0.68	20.40 -0.47 -1.39	21.34 -0.50 -1.68	22.56 -0.53 -1.97	24.88 -0.61 -1.10	28.28 -0.67 -0.94	27.23 -0.65 -0.68	27.58 -0.61 -0.67	26.33 -0.63 -0.83	25.93 -0.62 -0.78	28.49 -0.72 -0.38	33.26 -0.85 -0.19	33.65 -0.85 -0.67	41.22 -0.97 -0.01	47.07 -1.06 0.00	42.32 -1.00 0.00	35.18 -0.75 0.00	31.18 -0.67 0.00	29.77 -0.58 0.00
ELEC_TRO_TEK 24086	30.88 1.53 -5.41	28.76 1.30 -6.23	26.60 1.31 -3.44	26.41 1.14 -5.28	27.03 1.16 -5.10	26.76 1.19 -5.36	31.57 1.15 -10.95	34.80 1.41 -13.22	38.05 1.41 -15.52	34.59 1.56 -8.63	37.23 1.82 -7.41	34.39 1.82 -5.37	34.58 1.79 -5.27	34.35 1.70 -6.52	33.63 1.70 -6.16	33.84 2.05 -2.96	37.82 2.44 -1.45	41.65 2.54 -5.30	45.39 3.12 -0.09	51.25 3.13 0.00	46.13 2.82 0.00	38.27 2.34 0.00	33.63 1.78 0.00	31.95 1.61 0.00

ELLENBURG_WT_PWR 323604	23.12 -0.81 0.00	20.53 -0.70 0.00	0.45 -0.77 20.63	-6.23 -0.72 25.51	-6.15 -0.75 26.16	0.45 -0.73 19.02	0.39 -0.70 18.38	-6.13 -0.66 25.63	-6.30 -0.72 26.69	-6.33 -0.73 29.99	-6.33 -0.87 33.46	-6.29 -0.92 32.57	-6.34 -0.99 32.87	-6.31 -0.84 31.61	-6.32 -0.85 31.23	-6.08 -0.98 33.94	-5.94 -1.12 38.74	-5.91 -1.22 38.51	-5.88 -1.60 46.45	0.74 -1.69 45.70	42.27 -1.04 0.00	35.00 -0.93 0.00	31.08 -0.76 0.00	29.49 -0.85 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.99 -2.39 -0.45	19.61 -2.14 -0.52	20.00 -2.14 -0.29	18.94 -2.00 -0.94	19.09 -2.10 -0.42	19.09 -2.00 -0.89	19.61 -1.81 -1.95	20.28 -2.08 -2.19	20.13 -2.24 -1.26	22.39 -2.71 -0.71	25.42 -3.19 -0.61	24.65 -2.99 -0.45	24.60 -2.92 0.01	23.73 -2.90 -0.50	23.46 -2.78 -0.47	25.72 -3.11 0.01	30.22 -3.80 -0.10	30.50 -3.72 -0.40	37.68 -4.51 -0.01	43.02 -5.10 0.00	38.64 -4.68 0.00	32.70 -3.23 0.00	29.11 -2.74 0.00	27.67 -2.67 0.00
EMPIRE_CC_1 323656	31.14 0.86 -6.34	29.30 0.76 -7.30	26.69 0.81 -4.04	26.90 0.72 -6.18	27.47 0.73 -5.98	27.19 0.71 -6.28	32.98 0.68 -12.83	36.35 0.69 -15.50	40.02 0.72 -18.19	35.36 0.85 -10.12	37.64 0.95 -8.68	34.42 0.93 -6.29	34.60 0.91 -6.18	34.66 0.89 -7.64	33.86 0.88 -7.22	33.40 1.10 -3.47	36.88 1.26 -1.71	41.18 1.15 -6.21	43.76 1.48 -0.10	49.66 1.54 0.00	44.66 1.34 0.00	37.01 1.08 0.00	32.90 1.05 0.00	31.29 0.94 0.00
EMPIRE_CC_2 323658	31.14 0.86 -6.34	29.30 0.76 -7.30	26.69 0.81 -4.04	26.90 0.72 -6.18	27.47 0.73 -5.98	27.19 0.71 -6.28	32.98 0.68 -12.83	36.35 0.69 -15.50	40.02 0.72 -18.19	35.36 0.85 -10.12	37.64 0.95 -8.68	34.42 0.93 -6.29	34.60 0.91 -6.18	34.66 0.89 -7.64	33.86 0.88 -7.22	33.40 1.10 -3.47	36.88 1.26 -1.71	41.18 1.15 -6.21	43.76 1.48 -0.10	49.66 1.54 0.00	44.66 1.34 0.00	37.01 1.08 0.00	32.90 1.05 0.00	31.29 0.94 0.00
ENORWICH_115KV_TB1 80156	26.78 0.29 -2.56	24.41 0.23 -2.95	23.73 0.26 -1.62	21.90 0.22 -1.69	23.40 0.23 -2.41	22.23 0.20 -1.83	23.09 0.12 -3.50	24.84 0.18 -4.50	28.74 0.23 -7.40	28.59 0.10 -4.10	31.77 0.25 -3.52	29.90 0.16 -2.54	30.61 0.22 -2.87	29.46 0.18 -3.15	28.90 0.15 -2.98	30.79 0.32 -1.63	35.02 0.37 -0.72	36.95 0.57 -2.56	43.19 0.97 -0.04	49.76 1.64 0.00	44.87 1.56 0.00	37.37 1.44 0.00	32.96 1.11 0.00	31.25 0.91 0.00
ERIE_ST__34_KV_TB1-2 80199	21.75 -2.63 -0.45	19.37 -2.38 -0.52	19.76 -2.38 -0.29	18.76 -2.22 -0.98	18.91 -2.28 -0.43	18.90 -2.22 -0.92	19.48 -2.02 -2.03	20.20 -2.24 -2.27	20.05 -2.32 -1.26	22.44 -2.66 -0.71	25.73 -2.88 -0.61	24.93 -2.72 -0.45	24.90 -2.64 -0.02	24.12 -2.51 -0.50	23.84 -2.40 -0.47	26.45 -2.39 -0.01	31.07 -2.95 -0.10	31.14 -3.08 -0.40	38.35 -3.84 -0.01	43.89 -4.23 0.00	39.41 -3.90 0.00	33.31 -2.62 0.00	29.62 -2.23 0.00	28.13 -2.22 0.00
ERIE_WT_PWR 323693	21.94 -2.44 -0.45	19.56 -2.19 -0.52	19.95 -2.18 -0.29	18.92 -2.04 -0.96	19.07 -2.12 -0.43	19.07 -2.04 -0.91	19.56 -1.91 -2.00	20.20 -2.20 -2.24	20.13 -2.24 -1.26	22.44 -2.66 -0.71	25.53 -3.08 -0.61	24.68 -2.96 -0.45	24.61 -2.92 -0.01	23.86 -2.77 -0.50	23.51 -2.73 -0.47	25.84 -3.00 0.00	30.39 -3.63 -0.10	30.70 -3.52 -0.40	37.80 -4.39 -0.01	43.27 -4.86 0.00	38.72 -4.59 0.00	32.74 -3.20 0.00	29.30 -2.55 0.00	27.86 -2.49 0.00
ESPRGFLD_115KV_TB1 80157	24.41 0.48 0.00	21.62 0.38 0.00	22.26 0.42 0.00	20.38 0.38 0.00	21.18 0.42 0.00	20.59 0.38 0.00	19.80 0.33 0.00	20.50 0.34 0.00	21.30 0.19 0.00	24.54 0.15 0.00	28.23 0.22 0.00	27.42 0.22 0.00	27.85 0.33 0.00	26.42 0.29 0.00	26.05 0.28 0.00	29.18 0.35 0.00	34.46 0.54 0.00	34.66 0.85 0.00	43.40 1.22 0.00	49.66 1.54 0.00	44.61 1.30 0.00	37.01 1.08 0.00	32.61 0.76 0.00	30.98 0.64 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.08 -0.19 -3.34	24.91 -0.17 -3.85	23.75 -0.20 -2.10	21.07 -0.18 -1.25	23.72 -0.19 -3.15	21.57 -0.18 -1.55	21.89 -0.18 -2.60	23.80 -0.18 -3.82	30.63 -0.19 -9.71	29.52 -0.24 -5.37	32.35 -0.25 -4.60	30.24 -0.27 -3.31	31.41 -0.22 -4.11	30.05 -0.26 -4.18	29.46 -0.26 -3.95	30.92 -0.29 -2.37	34.64 -0.27 -0.99	37.06 -0.17 -3.41	42.15 -0.08 -0.05	48.17 0.05 0.00	43.31 0.00 0.00	36.04 0.11 0.00	31.88 0.03 0.00	30.34 0.00 0.00
ETNA____115KV_TB2 80207	27.08 -0.19 -3.34	24.91 -0.17 -3.85	23.75 -0.20 -2.10	21.07 -0.18 -1.25	23.72 -0.19 -3.15	21.57 -0.18 -1.55	21.89 -0.18 -2.60	23.80 -0.18 -3.82	30.63 -0.19 -9.71	29.52 -0.24 -5.37	32.35 -0.25 -4.60	30.24 -0.27 -3.31	31.41 -0.22 -4.11	30.05 -0.26 -4.18	29.46 -0.26 -3.95	30.92 -0.29 -2.37	34.64 -0.27 -0.99	37.06 -0.17 -3.41	42.15 -0.08 -0.05	48.17 0.05 0.00	43.31 0.00 0.00	36.04 0.11 0.00	31.88 0.03 0.00	30.34 0.00 0.00
EUCLID____115KV_TB2 356179	23.84 -0.67 -0.57	21.30 -0.59 -0.66	21.58 -0.63 -0.36	19.98 -0.58 -0.56	20.70 -0.60 -0.54	20.18 -0.59 -0.57	20.06 -0.56 -1.16	20.97 -0.58 -1.40	22.14 -0.61 -1.64	24.57 -0.73 -0.91	27.95 -0.84 -0.78	26.98 -0.79 -0.57	27.33 -0.74 -0.56	26.06 -0.76 -0.69	25.67 -0.75 -0.65	28.26 -0.89 -0.31	33.02 -1.05 -0.15	33.36 -1.01 -0.56	40.97 -1.22 -0.01	46.78 -1.35 0.00	42.06 -1.26 0.00	34.97 -0.97 0.00	30.99 -0.86 0.00	29.62 -0.73 0.00
E_CANADA_CAP_HY 24051	32.38 0.77 -7.68	30.71 0.64 -8.84	27.39 0.65 -4.89	28.07 0.58 -7.49	28.63 0.62 -7.24	28.40 0.59 -7.61	35.56 0.54 -15.54	39.44 0.50 -18.77	43.34 0.19 -22.04	36.74 0.10 -12.25	38.69 0.17 -10.52	35.01 0.19 -7.62	35.38 0.39 -7.48	35.72 0.34 -9.25	34.85 0.33 -8.75	33.39 0.35 -4.20	36.63 0.64 -2.07	42.52 1.18 -7.52	44.08 1.77 -0.13	50.29 2.17 0.00	45.13 1.82 0.00	37.45 1.51 0.00	32.99 1.14 0.00	31.29 0.94 0.00
E_CANADA_MHWK_HY 24050	24.15 0.21 0.00	21.40 0.17 0.00	22.04 0.20 0.00	20.16 0.16 0.00	20.91 0.15 0.00	20.34 0.14 0.00	19.59 0.12 0.00	20.26 0.10 0.00	21.21 0.11 0.00	24.52 0.12 0.00	28.17 0.17 0.00	27.36 0.16 0.00	27.69 0.17 0.00	26.29 0.16 0.00	25.92 0.16 0.00	29.07 0.23 0.00	34.19 0.27 0.00	34.12 0.30 0.00	42.60 0.42 0.00	48.65 0.53 0.00	43.87 0.56 0.00	36.44 0.50 0.00	32.23 0.38 0.00	30.68 0.33 0.00
E_FISHKILL____LBMP 23776	30.58 1.15 -5.50	28.58 1.02 -6.33	26.39 1.05 -3.50	26.30 0.94 -5.36	26.94 1.00 -5.18	26.64 0.99 -5.45	31.52 0.93 -11.12	34.60 1.01 -13.43	37.93 1.06 -15.77	34.36 1.20 -8.77	36.93 1.40 -7.52	34.07 1.41 -5.45	34.27 1.40 -5.35	34.06 1.31 -6.62	33.31 1.29 -6.26	33.40 1.56 -3.01	37.23 1.83 -1.48	41.02 1.83 -5.38	44.55 2.28 -0.09	50.53 2.41 0.00	45.48 2.17 0.00	37.63 1.69 0.00	33.22 1.37 0.00	31.59 1.24 0.00
FALCON____SEABRD_CC1 323796	23.05 -0.89 0.00	20.49 -0.74 0.00	0.07 -0.83 20.95	-6.66 -0.76 25.90	-6.61 -0.81 26.56	0.06 -0.83 19.31	0.01 -0.80 18.66	-6.58 -0.73 26.02	-6.67 -0.68 27.10	-6.66 -0.61 30.45	-6.67 -0.70 33.98	-6.65 -0.79 33.06	-6.68 -0.82 33.37	-6.66 -0.70 32.09	-6.67 -0.72 31.71	-6.55 -0.92 34.46	-6.46 -1.05 39.33	-6.47 -1.18 39.10	-6.46 -1.48 47.17	0.04 -1.69 46.40	42.40 -0.91 0.00	35.07 -0.86 0.00	31.15 -0.70 0.00	29.53 -0.82 0.00

FALCON___SEABRD_CC2 323797	23.05 -0.89 0.00	20.49 -0.74 0.00	0.07 -0.83 20.95	-6.66 -0.76 25.90	-6.61 -0.81 26.56	0.06 -0.83 19.31	0.01 -0.80 18.66	-6.58 -0.73 26.02	-6.67 -0.68 27.10	-6.66 -0.61 30.45	-6.67 -0.70 33.98	-6.65 -0.79 33.06	-6.68 -0.82 33.37	-6.66 -0.70 32.09	-6.67 -0.72 31.71	-6.55 -0.92 34.46	-6.46 -1.05 39.33	-6.47 -1.18 39.10	-6.46 -1.48 47.17	0.04 -1.69 46.40	42.40 -0.91 0.00	35.07 -0.86 0.00	31.15 -0.70 0.00	29.53 -0.82 0.00
FAR ROCKAWAY___4 23548	31.12 1.77 -5.41	28.97 1.51 -6.23	26.82 1.53 -3.44	26.59 1.32 -5.28	27.21 1.35 -5.10	26.96 1.39 -5.36	31.74 1.32 -10.95	34.98 1.59 -13.22	38.26 1.63 -15.52	34.85 1.83 -8.63	37.54 2.13 -7.41	34.72 2.15 -5.37	34.91 2.12 -5.27	34.66 2.01 -6.52	33.94 2.01 -6.16	34.19 2.39 -2.96	38.22 2.85 -1.45	42.06 2.94 -5.30	45.90 3.63 -0.09	51.78 3.66 0.00	46.65 3.34 0.00	38.70 2.77 0.00	34.01 2.17 0.00	32.26 1.91 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.90 1.56 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.62 1.23 -13.23	37.92 1.29 -15.53	34.51 1.49 -8.63	37.18 1.76 -7.41	34.39 1.82 -5.37	34.58 1.79 -5.27	34.32 1.67 -6.52	33.58 1.65 -6.16	33.76 1.96 -2.96	37.71 2.34 -1.46	41.48 2.37 -5.30	45.22 2.95 -0.09	51.20 3.08 0.00	46.09 2.77 0.00	38.13 2.19 0.00	33.60 1.75 0.00	31.92 1.58 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.78 1.44 -5.41	28.76 1.30 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.62 1.23 -13.23	37.92 1.29 -15.53	34.51 1.49 -8.63	37.18 1.76 -7.41	34.39 1.82 -5.37	34.58 1.79 -5.27	34.32 1.67 -6.52	33.58 1.65 -6.16	33.76 1.96 -2.96	37.71 2.34 -1.46	41.48 2.37 -5.30	45.22 2.95 -0.09	51.20 3.08 0.00	46.09 2.77 0.00	38.13 2.19 0.00	33.60 1.75 0.00	31.92 1.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.76 1.41 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.51 1.49 -8.63	37.18 1.76 -7.41	34.36 1.80 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.55 1.62 -6.16	33.76 1.96 -2.96	37.71 2.34 -1.46	41.45 2.33 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.09 2.77 0.00	38.09 2.16 0.00	33.57 1.72 0.00	31.89 1.55 0.00
FARRAGUT___LBMP 323566	30.76 1.41 -5.41	28.72 1.25 -6.23	26.58 1.29 -3.44	26.43 1.16 -5.28	27.07 1.20 -5.10	26.80 1.23 -5.36	31.55 1.13 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.49 1.46 -8.63	37.15 1.74 -7.41	34.34 1.77 -5.37	34.55 1.76 -5.27	34.27 1.62 -6.52	33.55 1.62 -6.16	33.73 1.93 -2.96	37.68 2.31 -1.46	41.41 2.30 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.04 2.73 0.00	38.09 2.16 0.00	33.57 1.72 0.00	31.89 1.55 0.00
FENNER___WINDPWR 24204	25.10 0.05 -1.12	22.54 0.02 -1.28	22.57 0.02 -0.71	20.72 0.02 -0.71	21.83 0.02 -1.05	20.99 0.02 -0.77	20.92 -0.02 -1.46	22.06 0.00 -1.90	24.36 0.02 -3.23	26.16 -0.02 -1.79	29.57 0.03 -1.53	28.28 -0.03 -1.11	28.78 0.03 -1.23	27.50 0.00 -1.37	27.06 0.00 -1.30	29.54 0.00 -0.70	34.27 0.03 -0.32	35.04 0.10 -1.12	42.41 0.21 -0.02	48.51 0.38 0.00	43.62 0.31 0.00	36.19 0.25 0.00	32.04 0.19 0.00	30.50 0.15 0.00
FIBERTEK___ENERGY 23856	24.14 -0.45 -0.66	21.59 -0.40 -0.76	21.83 -0.44 -0.42	20.24 -0.40 -0.64	20.97 -0.42 -0.62	20.45 -0.40 -0.65	20.41 -0.39 -1.33	21.36 -0.40 -1.60	22.57 -0.42 -1.88	24.95 -0.49 -1.05	28.40 -0.50 -0.90	27.36 -0.49 -0.65	27.75 -0.41 -0.64	26.48 -0.44 -0.79	26.07 -0.44 -0.75	28.65 -0.55 -0.36	33.45 -0.64 -0.18	33.85 -0.61 -0.64	41.43 -0.76 -0.01	47.31 -0.82 0.00	42.53 -0.78 0.00	35.36 -0.57 0.00	31.34 -0.51 0.00	29.92 -0.42 0.00
FITZPATRICK____ 23598	23.50 -0.86 -0.42	20.96 -0.76 -0.49	21.33 -0.79 -0.27	19.69 -0.72 -0.41	20.39 -0.77 -0.40	19.89 -0.73 -0.42	19.61 -0.72 -0.86	20.43 -0.77 -1.03	21.54 -0.78 -1.21	24.14 -0.93 -0.67	27.52 -1.06 -0.58	26.59 -1.03 -0.42	26.94 -0.99 -0.41	25.65 -0.99 -0.51	25.27 -0.98 -0.48	27.89 -1.18 -0.23	32.68 -1.36 -0.11	32.91 -1.32 -0.41	40.54 -1.65 -0.01	46.30 -1.83 0.00	41.62 -1.69 0.00	34.61 -1.33 0.00	30.73 -1.12 0.00	29.37 -0.97 0.00
FLOWRFLD_69_KV_BK1 356044	31.12 1.77 -5.41	28.91 1.44 -6.23	26.75 1.46 -3.44	26.49 1.22 -5.28	27.09 1.22 -5.10	26.86 1.29 -5.36	31.68 1.27 -10.95	35.12 1.73 -13.22	38.38 1.75 -15.52	34.83 1.81 -8.63	37.32 1.90 -7.41	34.42 1.85 -5.37	34.60 1.82 -5.27	34.40 1.75 -6.52	33.65 1.73 -6.16	33.93 2.13 -2.96	38.02 2.65 -1.45	41.99 2.87 -5.30	45.77 3.50 -0.09	51.54 3.42 0.00	46.35 3.03 0.00	38.60 2.66 0.00	33.79 1.94 0.00	32.10 1.76 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.67 1.34 -5.40	28.62 1.17 -6.22	26.46 1.18 -3.44	26.34 1.08 -5.26	26.98 1.12 -5.09	26.70 1.15 -5.35	31.48 1.09 -10.92	34.51 1.15 -13.20	37.78 1.18 -15.49	34.37 1.37 -8.61	37.02 1.62 -7.39	34.16 1.60 -5.35	34.43 1.65 -5.26	34.15 1.52 -6.50	33.41 1.49 -6.15	33.58 1.79 -2.95	37.47 2.10 -1.45	41.17 2.06 -5.29	44.84 2.57 -0.09	50.96 2.84 0.00	45.87 2.56 0.00	37.91 1.98 0.00	33.44 1.59 0.00	31.74 1.40 0.00
FORT ORANGE____ 23900	31.45 0.98 -6.54	29.61 0.85 -7.53	26.88 0.87 -4.16	27.17 0.80 -6.37	27.76 0.83 -6.16	27.49 0.81 -6.48	33.47 0.78 -13.22	36.92 0.79 -15.98	40.68 0.82 -18.75	35.77 0.95 -10.43	38.04 1.09 -8.95	34.74 1.06 -6.48	34.96 1.07 -6.36	35.02 1.02 -7.87	34.21 1.00 -7.44	33.65 1.24 -3.57	37.13 1.46 -1.76	41.67 1.45 -6.40	44.23 1.94 -0.11	50.29 2.17 0.00	45.22 1.90 0.00	37.45 1.51 0.00	33.16 1.31 0.00	31.53 1.18 0.00
FORT_DRUM_COGEN 23780	23.58 -0.69 -0.34	20.97 -0.66 -0.39	22.29 -0.66 -1.10	20.81 -0.62 -1.43	21.52 -0.69 -1.45	20.69 -0.67 -1.16	20.23 -0.72 -1.48	21.37 -0.73 -1.94	22.46 -0.78 -2.13	25.23 -1.00 -1.83	28.79 -1.12 -1.91	27.74 -1.20 -1.74	28.05 -1.21 -1.75	26.73 -1.18 -1.77	26.34 -1.16 -1.73	29.21 -1.27 -1.65	34.32 -1.36 -1.76	34.66 -1.15 -1.99	43.00 -1.18 -2.00	49.27 -0.82 -1.97	42.62 -0.69 0.00	35.22 -0.72 0.00	31.05 -0.80 0.00	29.46 -0.88 0.00
FOX_HILLS___ESR 323835	48.43 1.70 -22.79	36.61 1.51 -13.87	26.93 1.53 -3.55	26.76 1.38 -5.38	27.31 1.43 -5.11	27.13 1.45 -5.47	47.13 1.32 -26.33	46.92 1.39 -25.37	48.44 1.44 -25.90	48.33 1.73 -22.21	49.11 2.02 -19.09	49.54 1.90 -20.44	50.69 1.87 -21.29	50.18 1.83 -22.22	50.83 1.73 -23.34	50.72 2.08 -19.81	52.96 2.48 -16.57	54.30 2.50 -17.98	52.05 3.12 -6.75	51.61 3.27 -0.21	51.38 2.95 -5.12	48.51 2.41 -10.16	48.11 2.07 -14.19	47.20 1.85 -15.00
FPL FAR_ROCK_GT1 24212	31.12 1.77 -5.41	28.97 1.51 -6.23	26.82 1.53 -3.44	26.59 1.32 -5.28	27.21 1.35 -5.10	26.96 1.39 -5.36	31.74 1.32 -10.95	35.00 1.61 -13.22	38.26 1.63 -15.52	34.86 1.83 -8.63	37.54 2.13 -7.41	34.74 2.18 -5.37	34.94 2.15 -5.27	34.66 2.01 -6.52	33.96 2.03 -6.16	34.19 2.39 -2.96	38.26 2.88 -1.45	42.05 2.94 -5.30	45.90 3.63 -0.09	51.74 3.61 0.00	46.69 3.38 0.00	38.74 2.80 0.00	33.95 2.10 0.00	32.19 1.85 0.00

FPL FAR_ROCK_GT2 23815	31.12 1.77 -5.41	28.97 1.51 -6.23	26.82 1.53 -3.44	26.59 1.32 -5.28	27.21 1.35 -5.10	26.96 1.39 -5.36	31.74 1.32 -10.95	35.00 1.61 -13.22	38.26 1.63 -15.52	34.86 1.83 -8.63	37.54 2.13 -7.41	34.74 2.18 -5.37	34.94 2.15 -5.27	34.66 2.01 -6.52	33.96 2.03 -6.16	34.19 2.39 -2.96	38.26 2.88 -1.45	42.05 2.94 -5.30	45.90 3.63 -0.09	51.74 3.61 0.00	46.69 3.38 0.00	38.74 2.80 0.00	33.95 2.10 0.00	32.19 1.85 0.00
FRANKLIN_FALL_HYD 24054	23.38 -0.55 0.00	20.77 -0.47 0.00	35.09 -0.50 -13.75	36.52 -0.48 -17.00	37.70 -0.50 -17.43	32.39 -0.48 -12.67	31.25 -0.47 -12.25	36.87 -0.36 -17.07	38.49 -0.40 -17.78	44.06 -0.32 -19.98	49.88 -0.42 -22.30	48.35 -0.54 -21.70	48.84 -0.58 -21.90	46.75 -0.44 -21.06	46.14 -0.44 -20.81	50.85 -0.61 -22.61	59.12 -0.61 -25.81	58.73 -0.74 -25.66	72.08 -1.05 -30.95	77.71 -0.87 -30.45	42.88 -0.43 0.00	35.40 -0.54 0.00	31.43 -0.41 0.00	29.80 -0.55 0.00
FREEPORT_EQUS_GT1 23764	31.02 1.67 -5.41	28.86 1.40 -6.23	26.73 1.44 -3.44	26.49 1.22 -5.28	27.11 1.25 -5.10	26.86 1.29 -5.36	31.64 1.23 -10.95	34.90 1.51 -13.22	38.15 1.52 -15.52	34.71 1.68 -8.63	37.34 1.93 -7.41	34.53 1.96 -5.37	34.74 1.95 -5.27	34.48 1.83 -6.52	33.76 1.83 -6.16	33.99 2.19 -2.96	38.05 2.68 -1.45	41.89 2.77 -5.30	45.69 3.42 -0.09	51.49 3.37 0.00	46.43 3.12 0.00	38.56 2.62 0.00	33.76 1.91 0.00	31.98 1.64 0.00
FREEPORT___CT2 23818	31.02 1.67 -5.41	28.86 1.40 -6.23	26.73 1.44 -3.44	26.49 1.22 -5.28	27.11 1.25 -5.10	26.86 1.29 -5.36	31.64 1.23 -10.95	34.90 1.51 -13.22	38.15 1.52 -15.52	34.71 1.68 -8.63	37.34 1.93 -7.41	34.53 1.96 -5.37	34.74 1.95 -5.27	34.48 1.83 -6.52	33.76 1.83 -6.16	33.99 2.19 -2.96	38.05 2.68 -1.45	41.89 2.77 -5.30	45.69 3.42 -0.09	51.49 3.37 0.00	46.43 3.12 0.00	38.56 2.62 0.00	33.76 1.91 0.00	31.98 1.64 0.00
FRESHKLS_33_KV_LOAD 356253	48.43 1.70 -22.79	36.61 1.51 -13.87	26.93 1.53 -3.55	26.76 1.38 -5.38	27.31 1.43 -5.11	27.13 1.45 -5.47	47.13 1.32 -26.33	46.92 1.39 -25.37	48.44 1.44 -25.90	48.33 1.73 -22.21	49.06 1.96 -19.09	47.80 1.82 -18.78	48.84 1.79 -19.53	50.10 1.75 -22.22	48.86 1.65 -21.45	48.75 1.96 -17.96	51.18 2.37 -14.89	52.79 2.40 -16.57	51.17 2.99 -5.99	51.44 3.13 -0.19	50.70 2.82 -4.57	48.43 2.34 -10.16	48.11 2.07 -14.19	47.20 1.85 -15.00
FULTON COGEN____ 23766	23.71 -0.77 -0.54	21.17 -0.68 -0.62	21.47 -0.72 -0.34	19.86 -0.66 -0.52	20.58 -0.69 -0.51	20.07 -0.67 -0.53	19.91 -0.64 -1.09	20.79 -0.69 -1.31	21.95 -0.70 -1.54	24.42 -0.83 -0.86	27.82 -0.92 -0.74	26.86 -0.87 -0.53	27.22 -0.83 -0.52	25.94 -0.84 -0.65	25.55 -0.82 -0.61	28.12 -1.01 -0.29	32.88 -1.19 -0.14	33.19 -1.15 -0.53	40.80 -1.39 -0.01	46.58 -1.54 0.00	41.93 -1.39 0.00	34.82 -1.11 0.00	30.89 -0.96 0.00	29.49 -0.85 0.00
FULTON___LFGE 323630	32.33 1.08 -7.32	30.57 0.91 -8.43	27.44 0.94 -4.66	27.98 0.84 -7.14	28.54 0.87 -6.90	28.30 0.85 -7.25	35.08 0.80 -14.81	38.82 0.77 -17.89	42.64 0.53 -21.00	36.61 0.54 -11.68	38.70 0.67 -10.02	35.14 0.68 -7.26	35.50 0.85 -7.13	35.73 0.78 -8.82	34.87 0.77 -8.34	33.76 0.92 -4.00	37.14 1.26 -1.97	42.67 1.69 -7.17	44.71 2.40 -0.12	50.96 2.84 0.00	45.69 2.38 0.00	37.84 1.90 0.00	33.38 1.53 0.00	31.68 1.33 0.00
G.F.CEMENT___DRP 24184	32.10 1.39 -6.78	30.25 1.21 -7.81	27.39 1.22 -4.32	27.71 1.10 -6.61	28.30 1.14 -6.40	28.03 1.11 -6.72	34.30 1.11 -13.72	37.83 1.09 -16.57	41.75 1.18 -19.46	36.65 1.44 -10.82	39.00 1.71 -9.28	35.61 1.69 -6.73	35.88 1.76 -6.60	35.95 1.65 -8.17	35.11 1.62 -7.72	34.48 1.93 -3.71	37.98 2.24 -1.82	42.69 2.23 -6.64	45.20 2.91 -0.11	51.54 3.42 0.00	46.22 2.90 0.00	38.16 2.23 0.00	33.73 1.88 0.00	32.04 1.70 0.00
GARDENVILLE___LBMP 24039	21.94 -2.44 -0.45	19.56 -2.19 -0.52	19.95 -2.18 -0.29	18.91 -2.04 -0.95	19.05 -2.14 -0.43	19.06 -2.04 -0.90	19.60 -1.85 -1.98	20.28 -2.10 -2.21	20.13 -2.24 -1.26	22.42 -2.68 -0.71	25.48 -3.14 -0.61	24.71 -2.94 -0.45	24.66 -2.86 0.00	23.81 -2.82 -0.50	23.53 -2.71 -0.47	25.87 -2.97 0.00	30.35 -3.66 -0.10	30.60 -3.62 -0.40	37.80 -4.39 -0.01	43.22 -4.91 0.00	38.81 -4.50 0.00	32.85 -3.09 0.00	29.21 -2.64 0.00	27.76 -2.58 0.00
GARDNVLA_35_KV_LD 355827	22.01 -2.37 -0.45	19.61 -2.14 -0.52	20.00 -2.14 -0.29	18.97 -2.00 -0.97	19.09 -2.10 -0.42	19.11 -2.00 -0.91	19.67 -1.81 -2.01	20.35 -2.06 -2.25	20.19 -2.17 -1.25	22.49 -2.61 -0.71	25.62 -3.00 -0.61	24.84 -2.80 -0.45	24.81 -2.72 -0.01	23.94 -2.69 -0.50	23.66 -2.58 -0.47	26.07 -2.77 0.00	30.59 -3.43 -0.10	30.80 -3.42 -0.40	38.01 -4.18 -0.01	43.46 -4.67 0.00	39.03 -4.29 0.00	33.03 -2.91 0.00	29.36 -2.48 0.00	27.92 -2.43 0.00
GELCKHM___115KV_LOAD 80723	23.94 -0.60 -0.60	21.40 -0.53 -0.69	21.66 -0.57 -0.38	20.07 -0.52 -0.59	20.79 -0.54 -0.57	20.27 -0.53 -0.60	20.18 -0.51 -1.22	21.11 -0.52 -1.47	22.29 -0.55 -1.73	24.72 -0.63 -0.96	28.10 -0.73 -0.83	27.12 -0.68 -0.60	27.47 -0.63 -0.59	26.20 -0.65 -0.73	25.83 -0.62 -0.69	28.42 -0.75 -0.33	33.17 -0.92 -0.16	33.53 -0.88 -0.59	41.14 -1.05 -0.01	46.97 -1.15 0.00	42.23 -1.08 0.00	35.11 -0.83 0.00	31.12 -0.73 0.00	29.71 -0.64 0.00
GENERAL___MILLS 23808	21.97 -2.42 -0.45	19.56 -2.19 -0.52	19.95 -2.18 -0.29	18.92 -2.04 -0.96	19.07 -2.12 -0.43	19.07 -2.04 -0.91	19.62 -1.85 -2.00	20.30 -2.10 -2.24	20.15 -2.22 -1.26	22.44 -2.66 -0.71	25.53 -3.08 -0.61	24.76 -2.88 -0.45	24.72 -2.81 -0.01	23.86 -2.77 -0.50	23.58 -2.65 -0.47	25.95 -2.88 0.00	30.49 -3.53 -0.10	30.70 -3.52 -0.40	37.93 -4.26 -0.01	43.31 -4.81 0.00	38.90 -4.42 0.00	32.92 -3.02 0.00	29.30 -2.55 0.00	27.86 -2.49 0.00
GE_PLASTICS___DRP 24183	31.28 0.81 -6.54	29.48 0.72 -7.53	26.75 0.74 -4.16	27.05 0.68 -6.37	27.61 0.69 -6.17	27.35 0.67 -6.48	33.34 0.64 -13.22	36.80 0.67 -15.98	40.56 0.70 -18.75	35.63 0.80 -10.43	37.88 0.92 -8.95	34.58 0.90 -6.48	34.82 0.94 -6.36	34.87 0.86 -7.87	34.06 0.85 -7.44	33.48 1.07 -3.57	36.93 1.26 -1.76	41.43 1.22 -6.40	43.85 1.56 -0.11	49.86 1.73 0.00	44.79 1.47 0.00	37.12 1.19 0.00	32.90 1.05 0.00	31.28 0.94 0.00
GILBOA___1 23756	29.75 0.62 -5.19	27.76 0.55 -5.98	25.72 0.57 -3.30	25.64 0.58 -5.06	26.26 0.60 -4.89	25.89 0.55 -5.14	30.50 0.53 -10.50	33.39 0.54 -12.69	36.57 0.57 -14.89	33.31 0.63 -8.28	35.87 0.76 -7.11	33.08 0.73 -5.15	33.32 0.74 -5.05	33.09 0.71 -6.25	32.37 0.70 -5.91	32.51 0.84 -2.84	36.30 0.98 -1.40	39.88 0.98 -5.08	43.49 1.22 -0.09	49.47 1.35 0.00	44.48 1.17 0.00	36.91 0.97 0.00	32.61 0.76 0.00	31.04 0.70 0.00
GILBOA___2 23757	29.75 0.62 -5.19	27.76 0.55 -5.98	25.72 0.57 -3.30	25.64 0.58 -5.06	26.26 0.60 -4.89	25.89 0.55 -5.14	30.50 0.53 -10.50	33.39 0.54 -12.69	36.57 0.57 -14.89	33.31 0.63 -8.28	35.87 0.76 -7.11	33.08 0.73 -5.15	33.32 0.74 -5.05	33.09 0.71 -6.25	32.37 0.70 -5.91	32.51 0.84 -2.84	36.30 0.98 -1.40	39.88 0.98 -5.08	43.49 1.22 -0.09	49.47 1.35 0.00	44.48 1.17 0.00	36.91 0.97 0.00	32.61 0.76 0.00	31.04 0.70 0.00

GILBOA___3 23758	29.75 0.62 -5.19	27.76 0.55 -5.98	25.72 0.57 -3.30	25.64 0.58 -5.06	26.26 0.60 -4.89	25.89 0.55 -5.14	30.50 0.53 -10.50	33.39 0.54 -12.69	36.57 0.57 -14.89	33.31 0.63 -8.28	35.87 0.76 -7.11	33.08 0.73 -5.15	33.32 0.74 -5.05	33.09 0.71 -6.25	32.37 0.70 -5.91	32.51 0.84 -2.84	36.30 0.98 -1.40	39.88 0.98 -5.08	43.49 1.22 -0.09	49.47 1.35 0.00	44.48 1.17 0.00	36.91 0.97 0.00	32.61 0.76 0.00	31.04 0.70 0.00
GILBOA___4 23759	29.75 0.62 -5.19	27.76 0.55 -5.98	25.72 0.57 -3.30	25.64 0.58 -5.06	26.26 0.60 -4.89	25.89 0.55 -5.14	30.50 0.53 -10.50	33.39 0.54 -12.69	36.57 0.57 -14.89	33.31 0.63 -8.28	35.87 0.76 -7.11	33.08 0.73 -5.15	33.32 0.74 -5.05	33.09 0.71 -6.25	32.37 0.70 -5.91	32.51 0.84 -2.84	36.30 0.98 -1.40	39.88 0.98 -5.08	43.49 1.22 -0.09	49.47 1.35 0.00	44.48 1.17 0.00	36.91 0.97 0.00	32.61 0.76 0.00	31.04 0.70 0.00
GILBOA___ 23599	29.75 0.62 -5.19	27.76 0.55 -5.98	25.72 0.57 -3.30	25.64 0.58 -5.06	26.26 0.60 -4.89	25.89 0.55 -5.14	30.48 0.51 -10.50	33.39 0.54 -12.69	36.57 0.57 -14.89	33.31 0.63 -8.28	35.87 0.76 -7.11	33.08 0.73 -5.15	33.32 0.74 -5.05	33.09 0.71 -6.25	32.37 0.70 -5.91	32.54 0.87 -2.84	36.30 0.98 -1.40	39.88 0.98 -5.08	43.49 1.22 -0.09	49.47 1.35 0.00	44.48 1.17 0.00	36.87 0.93 0.00	32.61 0.76 0.00	31.04 0.70 0.00
GINNA___ 23603	22.27 -2.13 -0.46	19.88 -1.89 -0.53	20.22 -1.92 -0.30	18.95 -1.78 -0.73	19.33 -1.87 -0.44	19.11 -1.80 -0.71	19.24 -1.75 -1.52	19.99 -1.92 -1.75	20.45 -1.96 -1.31	22.78 -2.34 -0.73	25.86 -2.77 -0.63	25.02 -2.64 -0.46	25.28 -2.59 -0.34	24.08 -2.59 -0.53	23.67 -2.60 -0.51	25.91 -3.11 -0.18	30.54 -3.49 -0.11	30.84 -3.41 -0.43	38.06 -4.13 -0.01	43.55 -4.57 0.00	39.02 -4.29 0.00	32.63 -3.31 0.00	29.05 -2.80 0.00	27.58 -2.76 0.00
GLEN PARK___ 23778	23.62 -0.67 -0.35	20.98 -0.66 -0.41	22.26 -0.65 -1.07	20.76 -0.62 -1.39	21.48 -0.68 -1.40	20.64 -0.69 -1.13	20.20 -0.74 -1.47	21.33 -0.75 -1.91	22.41 -0.80 -2.10	25.16 -1.02 -1.79	28.68 -1.18 -1.85	27.63 -1.25 -1.68	27.94 -1.27 -1.69	26.62 -1.23 -1.72	26.21 -1.24 -1.68	29.09 -1.33 -1.58	34.20 -1.39 -1.68	34.55 -1.18 -1.92	42.90 -1.18 -1.90	49.22 -0.77 -1.87	42.66 -0.65 0.00	35.25 -0.68 0.00	31.05 -0.79 0.00	29.46 -0.88 0.00
GLENDALE_27_KV_LOAD 356172	31.38 1.63 -5.82	28.92 1.44 -6.24	26.78 1.49 -3.45	26.62 1.34 -5.28	27.27 1.39 -5.11	26.97 1.39 -5.37	32.30 1.30 -11.52	35.21 1.37 -13.68	38.05 1.41 -15.53	34.71 1.68 -8.63	37.82 1.99 -7.83	36.74 2.01 -7.53	37.07 1.98 -7.57	35.12 1.88 -7.10	36.22 1.83 -8.63	36.40 2.19 -5.37	40.15 2.61 -3.62	43.57 2.64 -7.11	46.48 3.25 -1.05	51.51 3.37 -0.02	47.16 3.12 -0.73	38.80 2.48 -0.38	34.38 2.01 -0.53	32.16 1.82 0.00
GLENWOOD_IC_1_G5 23712	30.97 1.63 -5.41	28.84 1.38 -6.23	26.69 1.40 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.62 1.21 -10.95	34.88 1.49 -13.22	38.13 1.50 -15.52	34.71 1.68 -8.63	37.37 1.96 -7.41	34.55 1.99 -5.37	34.74 1.95 -5.27	34.50 1.86 -6.52	33.78 1.86 -6.16	34.02 2.22 -2.96	38.02 2.65 -1.45	41.85 2.74 -5.30	45.65 3.37 -0.09	51.49 3.37 0.00	46.39 3.08 0.00	38.49 2.55 0.00	33.79 1.94 0.00	32.07 1.73 0.00
GLENWOOD_IC_2_G1 23688	30.92 1.58 -5.41	28.80 1.34 -6.23	26.67 1.38 -3.44	26.45 1.18 -5.28	27.07 1.20 -5.10	26.82 1.25 -5.36	31.62 1.21 -10.95	34.86 1.47 -13.22	38.09 1.46 -15.52	34.66 1.63 -8.63	37.32 1.91 -7.41	34.50 1.93 -5.37	34.69 1.90 -5.27	34.45 1.80 -6.52	33.73 1.80 -6.16	33.96 2.16 -2.96	37.95 2.58 -1.45	41.78 2.67 -5.30	45.56 3.29 -0.09	51.40 3.27 0.00	46.30 2.99 0.00	38.45 2.51 0.00	33.70 1.85 0.00	31.95 1.61 0.00
GLENWOOD_IC_3_G1 23689	30.92 1.58 -5.41	28.80 1.34 -6.23	26.67 1.38 -3.44	26.45 1.18 -5.28	27.07 1.20 -5.10	26.82 1.25 -5.36	31.62 1.21 -10.95	34.86 1.47 -13.22	38.09 1.46 -15.52	34.66 1.63 -8.63	37.32 1.91 -7.41	34.50 1.93 -5.37	34.69 1.90 -5.27	34.45 1.80 -6.52	33.73 1.80 -6.16	33.96 2.16 -2.96	37.95 2.58 -1.45	41.78 2.67 -5.30	45.56 3.29 -0.09	51.40 3.27 0.00	46.30 2.99 0.00	38.45 2.51 0.00	33.70 1.85 0.00	31.95 1.61 0.00
GLENWOOD___4 23550	30.97 1.63 -5.41	28.84 1.38 -6.23	26.69 1.40 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.62 1.21 -10.95	34.88 1.49 -13.22	38.13 1.50 -15.52	34.71 1.68 -8.63	37.37 1.96 -7.41	34.55 1.99 -5.37	34.74 1.95 -5.27	34.50 1.86 -6.52	33.78 1.86 -6.16	34.02 2.22 -2.96	38.02 2.65 -1.45	41.85 2.74 -5.30	45.65 3.37 -0.09	51.49 3.37 0.00	46.39 3.08 0.00	38.49 2.55 0.00	33.79 1.94 0.00	32.07 1.73 0.00
GLENWOOD___5 23614	30.97 1.63 -5.41	28.84 1.38 -6.23	26.69 1.40 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.62 1.21 -10.95	34.88 1.49 -13.22	38.13 1.50 -15.52	34.71 1.68 -8.63	37.37 1.96 -7.41	34.55 1.99 -5.37	34.74 1.95 -5.27	34.50 1.86 -6.52	33.78 1.86 -6.16	34.02 2.22 -2.96	38.02 2.65 -1.45	41.85 2.74 -5.30	45.65 3.37 -0.09	51.49 3.37 0.00	46.39 3.08 0.00	38.49 2.55 0.00	33.79 1.94 0.00	32.07 1.73 0.00
GLOBAL GREEN_PORT_GT1 23814	31.07 1.72 -5.41	28.72 1.25 -6.23	26.62 1.33 -3.44	26.29 1.02 -5.28	26.86 1.00 -5.10	26.65 1.09 -5.36	31.59 1.17 -10.95	35.24 1.85 -13.22	38.60 1.96 -15.52	34.90 1.88 -8.63	36.87 1.46 -7.41	33.82 1.25 -5.37	33.97 1.18 -5.27	33.75 1.10 -6.52	33.06 1.13 -6.16	33.27 1.47 -2.96	37.17 1.80 -1.45	41.25 2.13 -5.30	44.89 2.62 -0.09	50.48 2.36 0.00	45.35 2.04 0.00	37.95 2.01 0.00	32.74 0.89 0.00	31.29 0.94 0.00
GLOBE___DSASP 323697	21.89 -2.49 -0.45	19.54 -2.21 -0.52	19.91 -2.23 -0.29	18.83 -2.08 -0.91	18.98 -2.20 -0.42	18.98 -2.08 -0.86	19.46 -1.89 -1.88	20.06 -2.22 -2.11	19.93 -2.43 -1.25	22.07 -3.02 -0.70	24.86 -3.75 -0.61	24.16 -3.48 -0.44	24.07 -3.41 0.04	23.16 -3.48 -0.50	22.89 -3.35 -0.47	24.92 -3.89 0.02	29.27 -4.75 -0.10	29.69 -4.53 -0.41	36.75 -5.44 -0.01	41.87 -6.26 0.00	37.60 -5.72 0.00	31.88 -4.06 0.00	28.41 -3.44 0.00	27.01 -3.34 0.00
GOETHSLN___LBMP 323567	30.61 1.27 -5.41	28.61 1.15 -6.23	26.49 1.20 -3.44	26.35 1.08 -5.28	26.99 1.12 -5.10	26.72 1.15 -5.36	31.45 1.03 -10.95	34.48 1.09 -13.23	37.78 1.14 -15.53	34.37 1.34 -8.63	37.01 1.60 -7.41	34.23 1.66 -5.37	34.41 1.62 -5.27	34.14 1.49 -6.52	33.42 1.49 -6.16	33.58 1.79 -2.96	37.51 2.14 -1.46	41.25 2.13 -5.30	44.93 2.66 -0.09	50.87 2.74 0.00	45.83 2.51 0.00	37.91 1.98 0.00	33.38 1.53 0.00	31.74 1.40 0.00
GOLAH___69_KV_TB 1_2 80279	23.00 -1.39 -0.45	20.54 -1.21 -0.52	20.91 -1.22 -0.29	19.64 -1.12 -0.77	20.00 -1.18 -0.43	19.82 -1.11 -0.73	20.03 -1.03 -1.59	20.74 -1.23 -1.81	20.99 -1.39 -1.27	23.30 -1.81 -0.71	26.38 -2.24 -0.61	25.55 -2.09 -0.45	25.73 -2.04 -0.25	24.53 -2.12 -0.52	24.17 -2.09 -0.49	26.46 -2.51 -0.13	31.07 -2.95 -0.11	31.50 -2.74 -0.42	39.03 -3.16 -0.01	44.71 -3.42 0.00	40.19 -3.12 0.00	33.74 -2.19 0.00	30.00 -1.85 0.00	28.52 -1.82 0.00

GOODYEAR_LAKE_HYD 323669	26.12 0.50 -1.69	23.60 0.42 -1.94	23.36 0.44 -1.07	22.06 0.42 -1.64	22.81 0.46 -1.59	22.30 0.42 -1.67	23.25 0.37 -3.41	24.71 0.42 -4.12	26.35 0.40 -4.84	27.50 0.41 -2.69	30.87 0.56 -2.31	29.42 0.54 -1.67	29.74 0.58 -1.64	28.69 0.52 -2.03	28.20 0.52 -1.92	30.39 0.63 -0.92	35.15 0.78 -0.45	36.35 0.88 -1.65	43.35 1.14 -0.03	49.47 1.35 0.00	44.48 1.17 0.00	36.91 0.97 0.00	32.58 0.73 0.00	30.95 0.61 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.88 -0.55 -1.50	22.45 -0.51 -1.73	22.28 -0.52 -0.96	21.28 -0.46 -1.74	21.70 -0.48 -1.41	21.47 -0.46 -1.73	22.64 -0.45 -3.61	23.97 -0.46 -4.27	24.91 -0.49 -4.28	26.19 -0.59 -2.39	29.44 -0.62 -2.05	28.12 -0.57 -1.49	28.32 -0.55 -1.35	27.37 -0.55 -1.78	26.88 -0.57 -1.69	29.01 -0.58 -0.75	33.60 -0.71 -0.39	34.59 -0.68 -1.45	41.41 -0.80 -0.03	47.31 -0.82 0.00	42.53 -0.78 0.00	35.43 -0.50 0.00	31.40 -0.45 0.00	29.89 -0.46 0.00
GOUDEY___7 23579	24.88 -0.55 -1.50	22.45 -0.51 -1.73	22.28 -0.52 -0.96	21.28 -0.46 -1.74	21.70 -0.48 -1.41	21.47 -0.46 -1.73	22.64 -0.45 -3.61	23.97 -0.46 -4.27	24.91 -0.49 -4.28	26.19 -0.59 -2.39	29.44 -0.62 -2.05	28.12 -0.57 -1.49	28.32 -0.55 -1.35	27.37 -0.55 -1.78	26.88 -0.57 -1.69	29.01 -0.58 -0.75	33.60 -0.71 -0.39	34.59 -0.68 -1.45	41.41 -0.80 -0.03	47.31 -0.82 0.00	42.53 -0.78 0.00	35.43 -0.50 0.00	31.40 -0.45 0.00	29.89 -0.46 0.00
GOUDEY___8 23580	24.88 -0.55 -1.50	22.45 -0.51 -1.73	22.28 -0.52 -0.96	21.28 -0.46 -1.74	21.70 -0.48 -1.41	21.47 -0.46 -1.73	22.64 -0.45 -3.61	23.97 -0.46 -4.27	24.91 -0.49 -4.28	26.19 -0.59 -2.39	29.44 -0.62 -2.05	28.12 -0.57 -1.49	28.32 -0.55 -1.35	27.37 -0.55 -1.78	26.88 -0.57 -1.69	29.01 -0.58 -0.75	33.60 -0.71 -0.39	34.59 -0.68 -1.45	41.41 -0.80 -0.03	47.31 -0.82 0.00	42.53 -0.78 0.00	35.43 -0.50 0.00	31.40 -0.45 0.00	29.89 -0.46 0.00
GOWANUS_GT1_1 24077	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT1_2 24078	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT1_3 24079	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT1_4 24080	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT1_5 24084	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT1_6 24111	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT1_7 24112	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT1_8 24113	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT2_1 24114	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT2_2 24115	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT2_3 24116	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58

GOWANUS_GT2_4 24117	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT2_5 24118	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT2_6 24119	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT2_7 24120	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT2_8 24121	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT3_1 24122	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT3_2 24123	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT3_3 24124	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT3_4 24125	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT3_5 24126	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT3_6 24127	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT3_7 24128	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT3_8 24129	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
GOWANUS_GT4_1 24130	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT4_2 24131	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00

GOWANUS_GT4_3 24132	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT4_4 24133	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT4_5 24134	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT4_6 24135	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT4_7 24136	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GOWANUS_GT4_8 24137	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GREENBSH_115KV_TB3 55895	31.43 0.93 -6.56	29.62 0.83 -7.56	26.88 0.85 -4.18	27.16 0.76 -6.40	27.74 0.79 -6.19	27.47 0.77 -6.50	33.49 0.74 -13.28	36.95 0.75 -16.04	40.74 0.80 -18.83	35.79 0.93 -10.47	38.06 1.06 -8.99	34.77 1.06 -6.51	34.98 1.07 -6.39	35.06 1.02 -7.91	34.24 1.00 -7.47	33.67 1.24 -3.59	37.11 1.42 -1.76	41.63 1.39 -6.43	44.06 1.77 -0.11	50.10 1.97 0.00	45.00 1.69 0.00	37.30 1.37 0.00	33.03 1.18 0.00	31.44 1.09 0.00
GREENIDGE_115KV_TB5 80291	22.44 -1.05 0.44	19.79 -0.93 0.50	20.60 -0.98 0.26	20.25 -0.88 -1.13	19.42 -0.93 0.41	20.24 -0.89 -0.93	20.97 -0.84 -2.34	21.55 -0.91 -2.30	18.78 -0.97 1.36	22.52 -1.15 0.73	26.04 -1.34 0.62	25.46 -1.31 0.43	25.79 -1.27 0.47	24.20 -1.28 0.65	23.89 -1.26 0.61	27.08 -1.41 0.35	32.14 -1.59 0.19	31.79 -1.49 0.54	40.57 -1.60 0.00	46.49 -1.64 0.00	41.80 -1.52 0.00	34.93 -1.01 0.00	30.96 -0.89 0.00	29.46 -0.88 0.00
GREENIDGE___3 23582	22.44 -1.05 0.44	19.79 -0.93 0.50	20.60 -0.98 0.26	20.25 -0.88 -1.13	19.42 -0.93 0.41	20.24 -0.89 -0.93	20.97 -0.84 -2.34	21.55 -0.91 -2.30	18.78 -0.97 1.36	22.52 -1.15 0.73	26.04 -1.34 0.62	25.46 -1.31 0.43	25.79 -1.27 0.47	24.20 -1.28 0.65	23.89 -1.26 0.61	27.08 -1.41 0.35	32.14 -1.59 0.19	31.79 -1.49 0.54	40.57 -1.60 0.00	46.49 -1.64 0.00	41.80 -1.52 0.00	34.93 -1.01 0.00	30.96 -0.89 0.00	29.46 -0.88 0.00
GREENIDGE___4 23583	22.45 -1.05 0.44	19.80 -0.93 0.50	20.60 -0.98 0.26	20.25 -0.88 -1.13	19.42 -0.93 0.41	20.24 -0.89 -0.93	20.94 -0.88 -2.34	21.53 -0.93 -2.30	18.78 -0.97 1.36	22.52 -1.15 0.73	26.04 -1.34 0.62	25.44 -1.33 0.43	25.76 -1.29 0.47	24.20 -1.28 0.65	23.86 -1.29 0.61	27.02 -1.47 0.35	32.14 -1.59 0.19	31.79 -1.49 0.54	40.49 -1.69 0.00	46.49 -1.64 0.00	41.71 -1.60 0.00	34.86 -1.08 0.00	30.96 -0.89 0.00	29.46 -0.88 0.00
GREENLWN_69_KV_BK 3 55738	30.85 1.51 -5.41	28.72 1.25 -6.23	26.56 1.27 -3.44	26.35 1.08 -5.28	26.97 1.10 -5.10	26.71 1.15 -5.36	31.53 1.11 -10.95	34.82 1.43 -13.22	38.07 1.44 -15.52	34.59 1.56 -8.63	37.18 1.76 -7.41	34.36 1.80 -5.37	34.55 1.76 -5.27	34.32 1.67 -6.52	33.60 1.67 -6.16	33.84 2.05 -2.96	37.85 2.48 -1.45	41.72 2.60 -5.30	45.48 3.21 -0.09	51.11 2.98 0.00	46.13 2.82 0.00	38.31 2.37 0.00	33.60 1.75 0.00	31.89 1.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00
GRISSOM___SOLAR 323813	32.27 1.08 -7.25	30.50 0.91 -8.35	27.40 0.94 -4.62	27.93 0.86 -7.07	28.48 0.87 -6.84	28.24 0.85 -7.19	34.97 0.82 -14.68	38.68 0.79 -17.73	42.54 0.61 -20.82	36.63 0.66 -11.57	38.72 0.78 -9.93	35.19 0.79 -7.20	35.52 0.94 -7.06	35.73 0.86 -8.74	34.88 0.85 -8.26	33.81 1.01 -3.97	37.23 1.36 -1.95	42.61 1.69 -7.10	44.66 2.36 -0.12	50.91 2.79 0.00	45.69 2.38 0.00	37.84 1.90 0.00	33.38 1.53 0.00	31.68 1.33 0.00
GROVEVILLE___HYD 323602	30.67 1.34 -5.40	28.62 1.17 -6.22	26.46 1.18 -3.44	26.34 1.08 -5.26	26.98 1.12 -5.09	26.70 1.15 -5.35	31.48 1.09 -10.92	34.51 1.15 -13.20	37.78 1.18 -15.49	34.37 1.37 -8.61	37.02 1.62 -7.39	34.16 1.60 -5.35	34.43 1.65 -5.26	34.15 1.52 -6.50	33.41 1.49 -6.15	33.58 1.79 -2.95	37.47 2.10 -1.45	41.17 2.06 -5.29	44.84 2.57 -0.09	50.96 2.84 0.00	45.87 2.56 0.00	37.91 1.98 0.00	33.44 1.59 0.00	31.74 1.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.14 -0.45 -0.66	21.59 -0.40 -0.76	21.83 -0.44 -0.42	20.24 -0.40 -0.64	20.97 -0.42 -0.62	20.45 -0.40 -0.65	20.41 -0.39 -1.33	21.36 -0.40 -1.60	22.57 -0.42 -1.88	24.95 -0.49 -1.05	28.40 -0.50 -0.90	27.36 -0.49 -0.65	27.75 -0.41 -0.64	26.48 -0.44 -0.79	26.07 -0.44 -0.75	28.65 -0.55 -0.36	33.45 -0.64 -0.18	33.85 -0.61 -0.64	41.43 -0.76 -0.01	47.31 -0.82 0.00	42.53 -0.78 0.00	35.36 -0.57 0.00	31.34 -0.51 0.00	29.92 -0.42 0.00

HAMLTNNY_34_KV_TB 80303	24.15 -0.48 -0.69	21.60 -0.42 -0.79	21.83 -0.46 -0.44	20.25 -0.42 -0.67	20.98 -0.44 -0.65	20.46 -0.42 -0.68	20.46 -0.41 -1.40	21.42 -0.42 -1.69	22.67 -0.42 -1.98	24.98 -0.51 -1.10	28.39 -0.56 -0.94	27.37 -0.52 -0.68	27.72 -0.47 -0.67	26.47 -0.50 -0.83	26.06 -0.49 -0.79	28.64 -0.58 -0.38	33.43 -0.68 -0.19	33.85 -0.64 -0.68	41.43 -0.76 -0.01	47.31 -0.82 0.00	42.53 -0.78 0.00	35.36 -0.57 0.00	31.34 -0.51 0.00	29.89 -0.46 0.00
HAMPSHIRE___PAPER_HYD 323593	23.42 -0.69 -0.18	20.82 -0.62 -0.21	23.53 -0.61 -2.30	22.27 -0.60 -2.88	23.08 -0.62 -2.94	21.77 -0.63 -2.19	21.14 -0.64 -2.31	22.71 -0.60 -3.15	23.79 -0.65 -3.34	27.10 -0.76 -3.46	30.92 -0.87 -3.79	29.90 -0.92 -3.62	30.21 -0.96 -3.65	28.80 -0.89 -3.56	28.40 -0.88 -3.51	31.55 -0.98 -3.69	36.98 -1.09 -4.15	37.02 -1.05 -4.25	45.88 -1.22 -4.92	51.86 -1.10 -4.84	42.40 -0.91 0.00	35.04 -0.90 0.00	31.02 -0.83 0.00	29.46 -0.88 0.00
HARDSCRABBLE_WT_PWR 323673	24.01 0.07 0.00	21.30 0.06 0.00	21.91 0.07 0.00	20.04 0.04 0.00	20.80 0.04 0.00	20.22 0.02 0.00	19.47 0.00 0.00	20.14 -0.02 0.00	21.11 0.00 0.00	24.37 -0.02 0.00	28.01 0.00 0.00	27.20 0.00 0.00	27.52 0.00 0.00	26.16 0.03 0.00	25.79 0.03 0.00	28.90 0.06 0.00	34.02 0.10 0.00	33.92 0.10 0.00	42.35 0.17 0.00	48.37 0.24 0.00	43.62 0.31 0.00	36.22 0.29 0.00	32.07 0.22 0.00	30.53 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.07 1.10 -5.03	28.00 0.98 -5.79	26.03 0.98 -3.20	25.80 0.90 -4.91	26.46 0.96 -4.75	26.18 0.99 -4.99	30.57 0.92 -10.18	33.45 0.99 -12.30	36.56 1.01 -14.44	33.59 1.17 -8.03	36.29 1.40 -6.89	33.61 1.41 -4.99	33.82 1.40 -4.90	33.50 1.31 -6.06	32.78 1.29 -5.73	33.12 1.53 -2.75	37.04 1.76 -1.35	40.47 1.72 -4.93	44.42 2.15 -0.08	50.48 2.36 0.00	45.39 2.08 0.00	37.55 1.62 0.00	33.12 1.27 0.00	31.47 1.12 0.00
HARSNRAD_115KV_TB1 81005	21.91 -2.47 -0.44	19.55 -2.19 -0.50	19.92 -2.21 -0.29	18.84 -2.06 -0.90	19.00 -2.18 -0.41	18.99 -2.06 -0.85	19.43 -1.91 -1.87	20.04 -2.22 -2.10	19.95 -2.39 -1.23	22.13 -2.95 -0.69	25.01 -3.58 -0.59	24.26 -3.37 -0.43	24.12 -3.27 0.13	23.28 -3.34 -0.49	23.01 -3.22 -0.46	25.08 -3.69 0.07	29.54 -4.48 -0.10	29.92 -4.29 -0.40	37.09 -5.10 -0.01	42.35 -5.77 0.00	38.03 -5.28 0.00	32.20 -3.74 0.00	28.66 -3.18 0.00	27.25 -3.10 0.00
HARZA MOOSE___RIVER 24016	24.02 -0.14 -0.23	21.35 -0.15 -0.26	22.49 -0.13 -0.77	20.86 -0.14 -1.00	21.61 -0.17 -1.01	20.85 -0.16 -0.81	20.30 -0.19 -1.02	21.32 -0.18 -1.34	22.41 -0.17 -1.47	25.40 -0.27 -1.28	29.09 -0.25 -1.33	28.09 -0.33 -1.22	28.44 -0.30 -1.23	27.06 -0.31 -1.24	26.67 -0.31 -1.21	29.68 -0.32 -1.16	34.86 -0.31 -1.24	35.01 -0.20 -1.40	43.43 -0.17 -1.42	49.62 0.10 -1.40	43.40 0.09 0.00	35.94 0.00 0.00	31.72 -0.13 0.00	30.16 -0.18 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.94 -0.60 -0.61	21.40 -0.53 -0.70	21.66 -0.57 -0.39	20.07 -0.52 -0.59	20.79 -0.54 -0.57	20.28 -0.53 -0.60	20.19 -0.51 -1.23	21.12 -0.52 -1.48	22.30 -0.55 -1.74	24.70 -0.66 -0.97	28.11 -0.73 -0.83	27.12 -0.68 -0.60	27.48 -0.63 -0.59	26.21 -0.65 -0.73	25.81 -0.64 -0.69	28.42 -0.75 -0.33	33.17 -0.92 -0.16	33.53 -0.88 -0.59	41.14 -1.05 -0.01	46.97 -1.15 0.00	42.23 -1.08 0.00	35.11 -0.83 0.00	31.12 -0.73 0.00	29.71 -0.64 0.00
HELLGATE_13_KV_LD 55870	31.31 1.56 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.93 1.35 -5.37	32.24 1.25 -11.52	35.15 1.31 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.90 -7.83	36.63 1.90 -7.53	36.98 1.90 -7.56	35.01 1.78 -7.10	36.14 1.75 -8.62	36.29 2.08 -5.37	40.01 2.48 -3.62	43.43 2.50 -7.11	46.36 3.12 -1.05	51.32 3.18 -0.02	46.99 2.95 -0.73	38.65 2.34 -0.38	34.26 1.88 -0.53	32.07 1.73 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.31 1.56 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.93 1.35 -5.37	32.24 1.25 -11.52	35.15 1.31 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.90 -7.83	36.63 1.90 -7.53	36.98 1.90 -7.56	35.01 1.78 -7.10	36.14 1.75 -8.62	36.29 2.08 -5.37	40.01 2.48 -3.62	43.43 2.50 -7.11	46.36 3.12 -1.05	51.32 3.18 -0.02	46.99 2.95 -0.73	38.65 2.34 -0.38	34.26 1.88 -0.53	32.07 1.73 0.00
HEMPSTEAD____ 23647	30.88 1.53 -5.41	28.76 1.30 -6.23	26.60 1.31 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.75 1.19 -5.36	31.55 1.13 -10.95	34.80 1.41 -13.22	38.05 1.41 -15.52	34.59 1.56 -8.63	37.21 1.79 -7.41	34.39 1.82 -5.37	34.60 1.82 -5.27	34.35 1.70 -6.52	33.65 1.73 -6.16	33.84 2.05 -2.96	37.88 2.51 -1.45	41.68 2.57 -5.30	45.44 3.17 -0.09	51.25 3.13 0.00	46.17 2.86 0.00	38.34 2.41 0.00	33.57 1.72 0.00	31.83 1.49 0.00
HEWLETT_69_KV_BK3 55828	31.02 1.68 -5.41	28.89 1.42 -6.23	26.73 1.44 -3.44	26.53 1.26 -5.28	27.15 1.29 -5.10	26.88 1.31 -5.36	31.66 1.25 -10.95	34.92 1.53 -13.22	38.17 1.54 -15.52	34.76 1.73 -8.63	37.43 2.02 -7.41	34.61 2.04 -5.37	34.80 2.01 -5.27	34.56 1.91 -6.52	33.81 1.88 -6.16	34.07 2.28 -2.96	38.09 2.71 -1.45	41.89 2.77 -5.30	45.73 3.46 -0.09	51.54 3.42 0.00	46.43 3.12 0.00	38.56 2.62 0.00	33.89 2.04 0.00	32.16 1.82 0.00
HICKLING___1 23621	22.53 -1.36 0.04	19.98 -1.21 0.04	20.57 -1.27 0.01	20.26 -1.14 -1.40	19.55 -1.18 0.03	20.28 -1.15 -1.23	21.29 -1.09 -2.91	22.04 -1.15 -3.03	19.70 -1.20 0.20	22.89 -1.41 0.09	26.37 -1.57 0.07	25.67 -1.50 0.04	25.63 -1.49 0.40	24.54 -1.44 0.16	24.20 -1.42 0.15	27.03 -1.53 0.28	32.05 -1.80 0.07	31.92 -1.76 0.14	40.16 -2.02 0.00	46.01 -2.12 0.00	41.36 -1.95 0.00	34.64 -1.29 0.00	30.70 -1.15 0.00	29.22 -1.12 0.00
HICKLING___2 23622	22.53 -1.36 0.04	19.98 -1.21 0.04	20.57 -1.27 0.01	20.26 -1.14 -1.40	19.55 -1.18 0.03	20.28 -1.15 -1.23	21.29 -1.09 -2.91	22.04 -1.15 -3.03	19.70 -1.20 0.20	22.89 -1.41 0.09	26.37 -1.57 0.07	25.67 -1.50 0.04	25.63 -1.49 0.40	24.54 -1.44 0.16	24.20 -1.42 0.15	27.03 -1.53 0.28	32.05 -1.80 0.07	31.92 -1.76 0.14	40.16 -2.02 0.00	46.01 -2.12 0.00	41.36 -1.95 0.00	34.64 -1.29 0.00	30.70 -1.15 0.00	29.22 -1.12 0.00
HIGH FALLS___HY 23754	30.48 1.17 -5.37	28.44 1.02 -6.19	26.29 1.03 -3.42	26.20 0.96 -5.24	26.85 1.02 -5.07	26.58 1.05 -5.32	31.31 0.97 -10.87	34.32 1.03 -13.13	37.56 1.03 -15.42	34.14 1.17 -8.57	36.73 1.37 -7.36	33.89 1.36 -5.33	34.10 1.35 -5.23	33.83 1.23 -6.47	33.12 1.24 -6.12	33.28 1.50 -2.94	37.16 1.80 -1.44	40.87 1.79 -5.26	44.46 2.19 -0.09	50.63 2.50 0.00	45.57 2.25 0.00	37.63 1.69 0.00	33.15 1.31 0.00	31.47 1.12 0.00
HIGH_RIVER___SOLAR 323847	31.78 0.84 -7.00	30.02 0.72 -8.07	27.05 0.74 -4.46	27.51 0.68 -6.83	28.08 0.71 -6.61	27.83 0.69 -6.94	34.30 0.66 -14.17	37.91 0.63 -17.12	41.65 0.44 -20.10	35.91 0.34 -11.17	37.93 0.34 -9.59	34.50 0.35 -6.95	34.84 0.50 -6.82	35.01 0.44 -8.44	34.18 0.44 -7.98	33.27 0.61 -3.83	36.72 0.92 -1.88	41.93 1.25 -6.86	44.07 1.77 -0.12	50.14 2.02 0.00	45.05 1.73 0.00	37.34 1.40 0.00	32.99 1.14 0.00	31.38 1.03 0.00

HILLBURN___GT 23639	30.16 1.13 -5.10	28.08 0.98 -5.87	26.10 1.01 -3.25	25.87 0.90 -4.97	26.53 0.96 -4.81	26.24 0.99 -5.05	30.72 0.93 -10.31	33.63 1.01 -12.46	36.77 1.03 -14.63	33.72 1.19 -8.13	36.38 1.40 -6.98	33.70 1.44 -5.06	33.91 1.43 -4.96	33.58 1.31 -6.14	32.86 1.29 -5.81	33.15 1.53 -2.79	37.05 1.76 -1.37	40.57 1.76 -4.99	44.42 2.15 -0.08	50.43 2.31 0.00	45.43 2.12 0.00	37.63 1.69 0.00	33.12 1.28 0.00	31.43 1.09 0.00
HILLSIDE_115KV_TB1 80332	22.58 -1.46 -0.10	20.05 -1.30 -0.12	20.59 -1.33 -0.08	20.22 -1.22 -1.44	19.59 -1.27 -0.10	20.25 -1.23 -1.28	21.32 -1.15 -3.00	22.12 -1.21 -3.16	20.05 -1.27 -0.20	23.04 -1.49 -0.13	26.47 -1.65 -0.12	25.72 -1.58 -0.10	25.68 -1.60 0.25	24.63 -1.52 -0.02	24.26 -1.52 -0.01	27.00 -1.64 0.19	31.95 -1.93 0.03	31.90 -1.93 -0.01	39.91 -2.28 0.00	45.67 -2.45 0.00	41.02 -2.30 0.00	34.36 -1.58 0.00	30.48 -1.37 0.00	28.98 -1.37 0.00
HISHELDN_WT_PWR 323625	21.56 -2.70 -0.33	19.19 -2.42 -0.37	19.59 -2.47 -0.22	18.81 -2.26 -1.08	18.70 -2.37 -0.31	18.91 -2.28 -0.99	19.52 -2.18 -2.23	20.16 -2.44 -2.44	19.48 -2.51 -0.88	21.87 -3.03 -0.50	24.83 -3.61 -0.44	24.01 -3.51 -0.32	22.19 -3.52 1.81	23.09 -3.37 -0.33	22.75 -3.32 -0.31	24.12 -3.78 0.94	29.56 -4.41 -0.05	29.89 -4.19 -0.27	37.17 -5.02 -0.01	42.69 -5.44 0.00	38.25 -5.07 0.00	32.38 -3.56 0.00	28.95 -2.90 0.00	27.64 -2.70 0.00
HOLTSVILLE_IC_1 23690	31.02 1.67 -5.41	28.82 1.36 -6.23	26.71 1.42 -3.44	26.43 1.16 -5.28	27.03 1.16 -5.10	26.80 1.23 -5.36	31.64 1.23 -10.95	35.04 1.65 -13.22	38.30 1.67 -15.52	34.73 1.71 -8.63	37.21 1.79 -7.41	34.28 1.71 -5.37	34.49 1.71 -5.27	34.24 1.59 -6.52	33.55 1.62 -6.16	33.78 1.99 -2.96	37.82 2.44 -1.45	41.75 2.44 -5.30	45.48 2.64 -0.09	51.30 3.18 0.00	46.13 2.81 0.00	38.45 2.51 0.00	33.47 1.62 0.00	31.80 1.46 0.00
HOLTSVILLE_IC_10 23699	31.12 1.77 -5.41	28.89 1.42 -6.23	26.78 1.49 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.70 1.28 -10.95	35.14 1.75 -13.22	38.38 1.75 -15.52	34.83 1.81 -8.63	37.26 1.85 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.32 1.67 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.92 2.55 -1.45	41.89 2.77 -5.30	45.65 3.38 -0.09	51.44 3.32 0.00	46.30 2.99 0.00	38.60 2.66 0.00	33.57 1.72 0.00	31.86 1.52 0.00
HOLTSVILLE_IC_2 23691	31.02 1.67 -5.41	28.82 1.36 -6.23	26.71 1.42 -3.44	26.43 1.16 -5.28	27.03 1.16 -5.10	26.80 1.23 -5.36	31.64 1.23 -10.95	35.04 1.65 -13.22	38.30 1.67 -15.52	34.73 1.71 -8.63	37.21 1.79 -7.41	34.28 1.71 -5.37	34.49 1.71 -5.27	34.24 1.59 -6.52	33.55 1.62 -6.16	33.78 1.99 -2.96	37.82 2.44 -1.45	41.75 2.44 -5.30	45.48 2.64 -0.09	51.30 3.18 0.00	46.13 2.81 0.00	38.45 2.51 0.00	33.47 1.62 0.00	31.80 1.46 0.00
HOLTSVILLE_IC_3 23692	31.02 1.67 -5.41	28.82 1.36 -6.23	26.71 1.42 -3.44	26.43 1.16 -5.28	27.03 1.16 -5.10	26.80 1.23 -5.36	31.64 1.23 -10.95	35.04 1.65 -13.22	38.30 1.67 -15.52	34.73 1.71 -8.63	37.21 1.79 -7.41	34.28 1.71 -5.37	34.49 1.71 -5.27	34.24 1.59 -6.52	33.55 1.62 -6.16	33.78 1.99 -2.96	37.82 2.44 -1.45	41.75 2.44 -5.30	45.48 2.64 -0.09	51.30 3.18 0.00	46.13 2.81 0.00	38.45 2.51 0.00	33.47 1.62 0.00	31.80 1.46 0.00
HOLTSVILLE_IC_4 23693	31.02 1.67 -5.41	28.82 1.36 -6.23	26.71 1.42 -3.44	26.43 1.16 -5.28	27.03 1.16 -5.10	26.80 1.23 -5.36	31.64 1.23 -10.95	35.04 1.65 -13.22	38.30 1.67 -15.52	34.73 1.71 -8.63	37.21 1.79 -7.41	34.28 1.71 -5.37	34.49 1.71 -5.27	34.24 1.59 -6.52	33.55 1.62 -6.16	33.78 1.99 -2.96	37.82 2.44 -1.45	41.75 2.44 -5.30	45.48 2.64 -0.09	51.30 3.18 0.00	46.13 2.81 0.00	38.45 2.51 0.00	33.47 1.62 0.00	31.80 1.46 0.00
HOLTSVILLE_IC_5 23694	31.02 1.67 -5.41	28.82 1.36 -6.23	26.71 1.42 -3.44	26.43 1.16 -5.28	27.03 1.16 -5.10	26.80 1.23 -5.36	31.64 1.23 -10.95	35.04 1.65 -13.22	38.30 1.67 -15.52	34.73 1.71 -8.63	37.21 1.79 -7.41	34.28 1.71 -5.37	34.49 1.71 -5.27	34.24 1.59 -6.52	33.55 1.62 -6.16	33.78 1.99 -2.96	37.82 2.44 -1.45	41.75 2.44 -5.30	45.48 2.64 -0.09	51.30 3.18 0.00	46.13 2.81 0.00	38.45 2.51 0.00	33.47 1.62 0.00	31.80 1.46 0.00
HOLTSVILLE_IC_6 23695	31.12 1.77 -5.41	28.89 1.42 -6.23	26.78 1.49 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.70 1.28 -10.95	35.14 1.75 -13.22	38.38 1.75 -15.52	34.83 1.81 -8.63	37.26 1.85 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.32 1.67 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.92 2.55 -1.45	41.89 2.77 -5.30	45.65 3.38 -0.09	51.44 3.32 0.00	46.30 2.99 0.00	38.60 2.66 0.00	33.57 1.72 0.00	31.86 1.52 0.00
HOLTSVILLE_IC_7 23696	31.12 1.77 -5.41	28.89 1.42 -6.23	26.78 1.49 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.70 1.28 -10.95	35.14 1.75 -13.22	38.38 1.75 -15.52	34.83 1.81 -8.63	37.26 1.85 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.32 1.67 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.92 2.55 -1.45	41.89 2.77 -5.30	45.65 3.38 -0.09	51.44 3.32 0.00	46.30 2.99 0.00	38.60 2.66 0.00	33.57 1.72 0.00	31.86 1.52 0.00
HOLTSVILLE_IC_8 23697	31.12 1.77 -5.41	28.89 1.42 -6.23	26.78 1.49 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.70 1.28 -10.95	35.14 1.75 -13.22	38.38 1.75 -15.52	34.83 1.81 -8.63	37.26 1.85 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.32 1.67 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.92 2.55 -1.45	41.89 2.77 -5.30	45.65 3.38 -0.09	51.44 3.32 0.00	46.30 2.99 0.00	38.60 2.66 0.00	33.57 1.72 0.00	31.86 1.52 0.00
HOLTSVILLE_IC_9 23698	31.12 1.77 -5.41	28.89 1.42 -6.23	26.78 1.49 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.70 1.28 -10.95	35.14 1.75 -13.22	38.38 1.75 -15.52	34.83 1.81 -8.63	37.26 1.85 -7.41	34.33 1.77 -5.37	34.55 1.76 -5.27	34.32 1.67 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.92 2.55 -1.45	41.89 2.77 -5.30	45.65 3.38 -0.09	51.44 3.32 0.00	46.30 2.99 0.00	38.60 2.66 0.00	33.57 1.72 0.00	31.86 1.52 0.00
HOMER_HL_115KV_TB2 355744	21.51 -2.82 -0.40	19.14 -2.55 -0.46	19.55 -2.56 -0.26	18.71 -2.38 -1.10	18.71 -2.43 -0.38	18.83 -2.38 -1.02	19.54 -2.20 -2.27	20.37 -2.30 -2.51	19.84 -2.36 -1.09	22.43 -2.59 -0.62	25.91 -2.63 -0.53	25.06 -2.53 -0.39	25.08 -2.56 -0.12	24.25 -2.30 -0.42	23.92 -2.24 -0.40	26.80 -2.08 -0.04	31.45 -2.54 -0.08	31.38 -2.77 -0.34	38.65 -3.54 -0.01	44.27 -3.85 0.00	39.80 -3.51 0.00	33.60 -2.34 0.00	29.81 -2.04 0.00	28.34 -2.00 0.00
HOWARD_WT_PWR 323690	21.18 -2.51 0.24	18.69 -2.27 0.27	19.33 -2.38 0.13	19.08 -2.12 -1.20	18.30 -2.24 0.22	19.00 -2.22 -1.02	19.80 -2.16 -2.49	20.38 -2.30 -2.52	17.92 -2.41 0.78	21.18 -2.80 0.41	24.38 -3.28 0.34	23.67 -3.29 0.24	24.59 -3.33 -0.40	22.62 -3.11 0.40	22.35 -3.04 0.38	25.54 -3.40 -0.11	29.96 -3.83 0.13	29.83 -3.65 0.33	37.92 -4.26 0.00	43.75 -4.38 0.00	39.33 -3.98 0.00	33.31 -2.62 0.00	29.81 -2.04 0.00	28.62 -1.73 0.00

HQ_GEN_CEDARS 23644	23.77 -0.17 0.00	21.11 -0.13 0.00	22.77 -0.13 -1.05	21.16 -0.14 -1.30	21.95 -0.15 -1.34	21.03 -0.14 -0.97	20.25 -0.16 -0.94	21.37 -0.10 -1.31	22.37 -0.11 -1.36	25.87 -0.05 -1.53	29.63 -0.08 -1.71	28.70 -0.16 -1.66	28.98 -0.22 -1.68	27.64 -0.10 -1.61	27.26 -0.10 -1.59	30.37 -0.20 -1.73	35.73 -0.17 -1.98	35.51 -0.27 -1.97	44.09 -0.46 -2.37	50.12 -0.34 -2.33	43.10 -0.22 0.00	35.65 -0.29 0.00	31.69 -0.16 0.00	30.13 -0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	23.77 -0.17 0.00	21.11 -0.13 0.00	22.77 -0.13 -1.05	21.16 -0.14 -1.30	21.95 -0.14 -1.34	21.03 -0.14 -0.97	19.57 -0.14 -0.24	22.09 -0.08 -2.01	22.37 -0.11 -1.36	26.62 -0.05 -2.28	28.88 -0.08 -0.96	28.70 -0.16 -1.66	28.98 -0.22 -1.68	27.64 -0.10 -1.61	27.26 -0.10 -1.59	30.43 -0.14 -1.73	35.73 -0.17 -1.98	35.51 -0.27 -1.97	44.13 -0.42 -2.37	50.12 -0.33 -2.33	43.10 -0.22 0.00	35.65 -0.29 0.00	31.69 -0.16 0.00	30.16 -0.18 0.00
HQ_GEN_IMPORT 323601	23.84 -0.10 0.00	21.15 -0.08 0.00	21.76 -0.09 0.00	19.92 -0.08 0.00	20.68 -0.08 0.00	20.12 -0.08 0.00	18.69 -0.08 0.70	20.80 -0.06 -0.70	21.02 -0.08 0.00	25.09 -0.05 -0.75	27.17 -0.08 0.75	27.09 -0.11 0.00	27.38 -0.14 0.00	26.03 -0.10 0.00	25.66 -0.10 0.00	28.72 -0.11 0.00	33.78 -0.14 0.00	33.65 -0.17 0.00	41.93 -0.25 0.00	47.84 -0.29 0.00	43.14 -0.17 0.00	35.76 -0.18 0.00	31.72 -0.13 0.00	30.22 -0.12 0.00
HQ_GEN_WHEEL 23651	23.84 -0.10 0.00	21.15 -0.08 0.00	21.76 -0.09 0.00	19.92 -0.08 0.00	20.68 -0.08 0.00	20.12 -0.08 0.00	18.69 -0.08 0.70	20.80 -0.06 -0.70	21.02 -0.08 0.00	25.09 -0.05 -0.75	27.17 -0.08 0.75	27.09 -0.11 0.00	27.38 -0.14 0.00	26.03 -0.10 0.00	25.66 -0.10 0.00	28.72 -0.11 0.00	33.78 -0.14 0.00	33.65 -0.17 0.00	41.93 -0.25 0.00	47.84 -0.29 0.00	43.14 -0.17 0.00	35.76 -0.18 0.00	31.72 -0.13 0.00	30.22 -0.12 0.00
HUDSON AVE_GT_3 23810	30.78 1.44 -5.41	28.76 1.30 -6.23	26.60 1.31 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.62 1.23 -13.23	37.92 1.29 -15.53	34.54 1.51 -8.63	37.18 1.76 -7.41	34.39 1.82 -5.37	34.58 1.79 -5.27	34.32 1.67 -6.52	33.58 1.65 -6.16	33.79 1.99 -2.96	37.75 2.37 -1.46	41.48 2.37 -5.30	45.22 2.95 -0.09	51.20 3.08 0.00	46.13 2.82 0.00	38.13 2.19 0.00	33.60 1.75 0.00	31.92 1.58 0.00
HUDSON AVE_GT_4 23540	30.78 1.44 -5.41	28.76 1.30 -6.23	26.60 1.31 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.62 1.23 -13.23	37.92 1.29 -15.53	34.54 1.51 -8.63	37.18 1.76 -7.41	34.39 1.82 -5.37	34.58 1.79 -5.27	34.32 1.67 -6.52	33.58 1.65 -6.16	33.79 1.99 -2.96	37.75 2.37 -1.46	41.48 2.37 -5.30	45.22 2.95 -0.09	51.20 3.08 0.00	46.13 2.82 0.00	38.13 2.19 0.00	33.60 1.75 0.00	31.92 1.58 0.00
HUDSON AVE_GT_5 23657	30.78 1.44 -5.41	28.76 1.30 -6.23	26.60 1.31 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.62 1.23 -13.23	37.92 1.29 -15.53	34.54 1.51 -8.63	37.18 1.76 -7.41	34.39 1.82 -5.37	34.58 1.79 -5.27	34.32 1.67 -6.52	33.58 1.65 -6.16	33.79 1.99 -2.96	37.75 2.37 -1.46	41.48 2.37 -5.30	45.22 2.95 -0.09	51.20 3.08 0.00	46.13 2.82 0.00	38.13 2.19 0.00	33.60 1.75 0.00	31.92 1.58 0.00
HUDSON_AVE_10 24168	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	31.55 1.13 -10.95	34.56 1.17 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.31 1.74 -5.37	34.52 1.73 -5.27	34.27 1.62 -6.52	33.53 1.60 -6.16	33.70 1.90 -2.96	37.65 2.27 -1.46	41.41 2.30 -5.30	45.10 2.83 -0.09	51.11 2.98 0.00	46.00 2.69 0.00	38.06 2.12 0.00	33.51 1.66 0.00	31.86 1.52 0.00
HUDSON___115KV_TB 4 355613	31.41 1.05 -6.42	29.54 0.91 -7.40	26.87 0.94 -4.09	27.10 0.84 -6.26	27.69 0.87 -6.06	27.44 0.87 -6.36	33.30 0.84 -12.99	36.69 0.83 -15.70	40.38 0.84 -18.43	35.62 0.98 -10.25	37.89 1.09 -8.79	34.63 1.06 -6.37	34.85 1.07 -6.25	34.86 0.99 -7.74	34.08 1.00 -7.31	33.59 1.24 -3.51	37.17 1.53 -1.73	41.63 1.52 -6.29	44.61 2.32 -0.11	50.82 2.69 0.00	45.65 2.34 0.00	37.73 1.80 0.00	33.44 1.59 0.00	31.77 1.43 0.00
HUNTER MOUNT___DRP 323613	31.19 0.98 -6.27	29.30 0.85 -7.22	26.69 0.85 -3.99	26.89 0.78 -6.11	27.47 0.79 -5.92	27.22 0.81 -6.21	32.94 0.78 -12.69	36.26 0.77 -15.33	39.86 0.76 -17.99	35.28 0.88 -10.01	37.57 0.98 -8.59	34.37 0.95 -6.22	34.62 0.99 -6.11	34.57 0.89 -7.56	33.81 0.90 -7.14	33.39 1.12 -3.43	37.03 1.42 -1.69	41.34 1.39 -6.14	44.69 2.40 -0.10	51.01 2.89 0.00	45.78 2.47 0.00	37.84 1.90 0.00	33.54 1.69 0.00	31.86 1.52 0.00
HUNTINGTON_RES_REC 323705	30.95 1.60 -5.41	28.78 1.32 -6.23	26.64 1.35 -3.44	26.39 1.12 -5.28	27.01 1.14 -5.10	26.75 1.19 -5.36	31.60 1.19 -10.95	34.96 1.57 -13.22	38.19 1.56 -15.52	34.68 1.66 -8.63	37.21 1.79 -7.41	34.36 1.79 -5.37	34.55 1.76 -5.27	34.32 1.67 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.92 2.55 -1.45	41.82 2.71 -5.30	45.60 3.33 -0.09	51.30 3.18 0.00	46.26 2.95 0.00	38.45 2.51 0.00	33.54 1.69 0.00	31.83 1.49 0.00
HUNTLEY___63 23557	22.06 -2.32 -0.45	19.67 -2.08 -0.51	20.06 -2.08 -0.29	18.96 -1.96 -0.92	19.13 -2.06 -0.42	19.13 -1.94 -0.87	19.61 -1.77 -1.91	20.25 -2.06 -2.14	20.14 -2.22 -1.25	22.36 -2.73 -0.70	25.33 -3.28 -0.61	24.57 -3.07 -0.44	24.52 -2.97 0.03	23.63 -3.00 -0.50	23.33 -2.91 -0.47	25.53 -3.29 0.02	29.98 -4.04 -0.10	30.33 -3.89 -0.40	37.51 -4.68 -0.01	42.83 -5.29 0.00	38.46 -4.85 0.00	32.56 -3.38 0.00	28.98 -2.87 0.00	27.55 -2.79 0.00
HUNTLEY___64 23558	22.06 -2.32 -0.45	19.67 -2.08 -0.51	20.06 -2.08 -0.29	18.96 -1.96 -0.92	19.13 -2.06 -0.42	19.13 -1.94 -0.87	19.61 -1.77 -1.91	20.25 -2.06 -2.14	20.14 -2.22 -1.25	22.36 -2.73 -0.70	25.33 -3.28 -0.61	24.57 -3.07 -0.44	24.52 -2.97 0.03	23.63 -3.00 -0.50	23.33 -2.91 -0.47	25.53 -3.29 0.02	29.98 -4.04 -0.10	30.33 -3.89 -0.40	37.51 -4.68 -0.01	42.83 -5.29 0.00	38.46 -4.85 0.00	32.56 -3.38 0.00	28.98 -2.87 0.00	27.55 -2.79 0.00
HUNTLEY___65 23559	22.06 -2.32 -0.45	19.67 -2.08 -0.51	20.06 -2.08 -0.29	18.96 -1.96 -0.92	19.13 -2.06 -0.42	19.13 -1.94 -0.87	19.61 -1.77 -1.91	20.25 -2.06 -2.14	20.14 -2.22 -1.25	22.36 -2.73 -0.70	25.33 -3.28 -0.61	24.57 -3.07 -0.44	24.52 -2.97 0.03	23.63 -3.00 -0.50	23.33 -2.91 -0.47	25.53 -3.29 0.02	29.98 -4.04 -0.10	30.33 -3.89 -0.40	37.51 -4.68 -0.01	42.83 -5.29 0.00	38.46 -4.85 0.00	32.56 -3.38 0.00	28.98 -2.87 0.00	27.55 -2.79 0.00
HUNTLEY___66 23560	22.06 -2.32 -0.45	19.67 -2.08 -0.51	20.06 -2.08 -0.29	18.96 -1.96 -0.92	19.13 -2.06 -0.42	19.13 -1.94 -0.87	19.61 -1.77 -1.91	20.25 -2.06 -2.14	20.14 -2.22 -1.25	22.36 -2.73 -0.70	25.33 -3.28 -0.61	24.57 -3.07 -0.44	24.52 -2.97 0.03	23.63 -3.00 -0.50	23.33 -2.91 -0.47	25.53 -3.29 0.02	29.98 -4.04 -0.10	30.33 -3.89 -0.40	37.51 -4.68 -0.01	42.83 -5.29 0.00	38.46 -4.85 0.00	32.56 -3.38 0.00	28.98 -2.87 0.00	27.55 -2.79 0.00

HUNTLEY___67 23561	21.97 -2.42 -0.45	19.61 -2.14 -0.52	19.97 -2.16 -0.29	18.91 -2.02 -0.93	19.07 -2.12 -0.42	19.06 -2.02 -0.88	19.57 -1.83 -1.93	20.21 -2.12 -2.16	20.09 -2.28 -1.26	22.32 -2.78 -0.71	25.25 -3.36 -0.61	24.52 -3.13 -0.45	24.45 -3.05 0.02	23.55 -3.08 -0.50	23.28 -2.96 -0.47	25.48 -3.35 0.01	29.91 -4.10 -0.10	30.27 -3.96 -0.41	37.42 -4.77 -0.01	42.69 -5.44 0.00	38.33 -4.98 0.00	32.45 -3.49 0.00	28.92 -2.93 0.00	27.46 -2.88 0.00
HUNTLEY___68 23562	21.97 -2.42 -0.45	19.61 -2.14 -0.52	19.97 -2.16 -0.29	18.91 -2.02 -0.93	19.07 -2.12 -0.42	19.06 -2.02 -0.88	19.57 -1.83 -1.93	20.21 -2.12 -2.16	20.09 -2.28 -1.26	22.32 -2.78 -0.71	25.25 -3.36 -0.61	24.52 -3.13 -0.45	24.45 -3.05 0.02	23.55 -3.08 -0.50	23.28 -2.96 -0.47	25.48 -3.35 0.01	29.91 -4.10 -0.10	30.27 -3.96 -0.41	37.42 -4.77 -0.01	42.69 -5.44 0.00	38.33 -4.98 0.00	32.45 -3.49 0.00	28.92 -2.93 0.00	27.46 -2.88 0.00
HYLAND___LFGE 323620	23.08 -1.08 -0.23	20.54 -0.96 -0.26	21.04 -0.96 -0.15	20.12 -0.90 -1.02	20.02 -0.95 -0.21	20.22 -0.91 -0.92	20.67 -0.91 -2.11	21.27 -1.17 -2.28	20.31 -1.39 -0.59	22.83 -1.90 -0.34	25.78 -2.52 -0.30	24.87 -2.56 -0.22	26.10 -2.61 -1.19	23.73 -2.61 -0.21	23.51 -2.45 -0.20	26.55 -2.86 -0.57	30.93 -3.02 -0.02	31.41 -2.57 -0.16	39.83 -2.36 -0.01	46.49 -1.64 0.00	41.84 -1.47 0.00	35.07 -0.86 0.00	31.18 -0.67 0.00	29.59 -0.76 0.00
INDECK___CORINTH 23802	32.04 1.32 -6.79	30.20 1.15 -7.82	27.35 1.18 -4.32	27.68 1.06 -6.62	28.27 1.10 -6.41	28.00 1.07 -6.73	34.27 1.05 -13.75	37.82 1.05 -16.61	41.72 1.12 -19.49	36.62 1.39 -10.84	38.96 1.65 -9.30	35.57 1.63 -6.74	35.81 1.68 -6.62	35.91 1.59 -8.19	35.07 1.57 -7.74	34.40 1.85 -3.72	37.85 2.10 -1.83	42.60 2.13 -6.65	45.03 2.74 -0.11	51.40 3.27 0.00	46.09 2.77 0.00	38.09 2.16 0.00	33.63 1.78 0.00	31.95 1.61 0.00
INDECK___ILION 23567	24.13 0.19 0.00	21.40 0.17 0.00	22.02 0.17 0.00	20.16 0.16 0.00	20.91 0.15 0.00	20.34 0.14 0.00	19.59 0.12 0.00	20.28 0.12 0.00	21.24 0.13 0.00	24.54 0.15 0.00	28.20 0.20 0.00	27.39 0.19 0.00	27.71 0.19 0.00	26.31 0.18 0.00	25.95 0.18 0.00	29.07 0.23 0.00	34.19 0.27 0.00	34.12 0.30 0.00	42.56 0.38 0.00	48.61 0.48 0.00	43.79 0.48 0.00	36.33 0.40 0.00	32.17 0.32 0.00	30.62 0.27 0.00
INDECK___OLEAN 23982	21.51 -2.82 -0.40	19.14 -2.55 -0.46	19.55 -2.56 -0.26	18.71 -2.38 -1.10	18.71 -2.43 -0.38	18.83 -2.38 -1.02	19.51 -2.24 -2.27	20.31 -2.36 -2.51	19.84 -2.36 -1.09	22.43 -2.59 -0.62	25.91 -2.63 -0.53	24.98 -2.61 -0.39	25.00 -2.64 -0.12	24.25 -2.30 -0.42	23.90 -2.27 -0.40	26.80 -2.08 -0.04	31.38 -2.61 -0.08	31.35 -2.81 -0.34	38.56 -3.63 -0.01	44.27 -3.85 0.00	39.67 -3.64 0.00	33.49 -2.44 0.00	29.81 -2.04 0.00	28.37 -1.97 0.00
INDECK___OSWEGO 23783	23.69 -0.77 -0.52	21.13 -0.70 -0.60	21.46 -0.72 -0.33	19.84 -0.66 -0.51	20.55 -0.71 -0.49	20.05 -0.67 -0.51	19.86 -0.66 -1.05	20.72 -0.71 -1.27	21.88 -0.72 -1.49	24.37 -0.85 -0.83	27.76 -0.95 -0.71	26.76 -0.95 -0.51	27.12 -0.91 -0.51	25.87 -0.89 -0.63	25.45 -0.90 -0.59	28.03 -1.10 -0.28	32.80 -1.25 -0.14	33.14 -1.18 -0.51	40.71 -1.48 -0.01	46.54 -1.59 0.00	41.84 -1.47 0.00	34.75 -1.19 0.00	30.86 -0.99 0.00	29.49 -0.85 0.00
INDECK___YERKES 23781	22.06 -2.32 -0.45	19.67 -2.08 -0.51	20.06 -2.08 -0.29	18.98 -1.94 -0.92	19.15 -2.03 -0.42	19.13 -1.94 -0.87	19.57 -1.81 -1.91	20.15 -2.16 -2.14	20.16 -2.20 -1.25	22.39 -2.71 -0.70	25.33 -3.28 -0.61	24.52 -3.13 -0.44	24.44 -3.06 0.03	23.65 -2.98 -0.50	23.28 -2.96 -0.47	25.39 -3.43 0.02	29.91 -4.11 -0.10	30.33 -3.89 -0.40	37.42 -4.77 -0.01	42.83 -5.29 0.00	38.29 -5.02 0.00	32.42 -3.52 0.00	29.01 -2.83 0.00	27.61 -2.73 0.00
INDIAN POINT_GT_1 24139	30.39 1.17 -5.29	28.36 1.04 -6.09	26.26 1.05 -3.37	26.11 0.96 -5.15	26.74 1.00 -4.99	26.45 1.01 -5.24	31.12 0.95 -10.70	34.11 1.03 -12.92	37.33 1.06 -15.17	34.05 1.22 -8.43	36.70 1.46 -7.24	33.91 1.47 -5.24	34.10 1.43 -5.15	33.83 1.33 -6.37	33.10 1.31 -6.02	33.31 1.59 -2.89	37.21 1.87 -1.42	40.85 1.86 -5.18	44.59 2.32 -0.09	50.58 2.45 0.00	45.52 2.21 0.00	37.66 1.72 0.00	33.22 1.37 0.00	31.56 1.21 0.00
INDIAN POINT_GT_2 23659	30.39 1.17 -5.29	28.36 1.04 -6.09	26.26 1.05 -3.37	26.11 0.96 -5.15	26.74 1.00 -4.99	26.45 1.01 -5.24	31.12 0.95 -10.70	34.11 1.03 -12.92	37.33 1.06 -15.17	34.05 1.22 -8.43	36.70 1.46 -7.24	33.91 1.47 -5.24	34.10 1.43 -5.15	33.83 1.33 -6.37	33.10 1.31 -6.02	33.31 1.59 -2.89	37.21 1.87 -1.42	40.85 1.86 -5.18	44.59 2.32 -0.09	50.58 2.45 0.00	45.52 2.21 0.00	37.66 1.72 0.00	33.22 1.37 0.00	31.56 1.21 0.00
INDIAN POINT_GT_3 24019	30.39 1.17 -5.29	28.36 1.04 -6.09	26.26 1.05 -3.37	26.11 0.96 -5.15	26.74 1.00 -4.99	26.45 1.01 -5.24	31.12 0.95 -10.70	34.11 1.03 -12.92	37.33 1.06 -15.17	34.05 1.22 -8.43	36.70 1.46 -7.24	33.91 1.47 -5.24	34.10 1.43 -5.15	33.83 1.33 -6.37	33.10 1.31 -6.02	33.31 1.59 -2.89	37.21 1.87 -1.42	40.85 1.86 -5.18	44.59 2.32 -0.09	50.58 2.45 0.00	45.52 2.21 0.00	37.66 1.72 0.00	33.22 1.37 0.00	31.56 1.21 0.00
INDIAN POINT___2 23530	30.14 1.05 -5.15	28.10 0.93 -5.93	26.08 0.96 -3.28	25.88 0.86 -5.02	26.53 0.91 -4.86	26.24 0.93 -5.10	30.79 0.90 -10.42	33.72 0.97 -12.59	36.86 0.97 -14.78	33.73 1.12 -8.22	36.40 1.34 -7.05	33.67 1.36 -5.11	33.88 1.35 -5.01	33.56 1.23 -6.20	32.84 1.21 -5.86	33.10 1.44 -2.82	37.00 1.70 -1.38	40.52 1.66 -5.04	44.33 2.07 -0.08	50.29 2.17 0.00	45.31 1.99 0.00	37.52 1.58 0.00	33.06 1.21 0.00	31.38 1.03 0.00
INDIAN POINT___3 23531	30.43 1.17 -5.32	28.40 1.04 -6.13	26.31 1.07 -3.39	26.15 0.96 -5.19	26.78 1.00 -5.02	26.51 1.03 -5.28	31.20 0.95 -10.77	34.21 1.03 -13.02	37.46 1.08 -15.28	34.13 1.24 -8.50	36.75 1.46 -7.29	33.95 1.47 -5.28	34.16 1.46 -5.19	33.90 1.36 -6.42	33.14 1.31 -6.06	33.34 1.59 -2.91	37.22 1.87 -1.43	40.89 1.86 -5.21	44.59 2.32 -0.09	50.58 2.45 0.00	45.52 2.21 0.00	37.66 1.72 0.00	33.22 1.37 0.00	31.59 1.24 0.00
INGHAM_C_115KV_TB7 356103	24.15 0.22 0.00	21.40 0.17 0.00	22.04 0.20 0.00	20.16 0.16 0.00	20.91 0.15 0.00	20.34 0.14 0.00	19.57 0.10 0.00	20.26 0.10 0.00	21.21 0.11 0.00	24.52 0.12 0.00	28.17 0.17 0.00	27.36 0.16 0.00	27.68 0.17 0.00	26.29 0.16 0.00	25.92 0.15 0.00	29.07 0.23 0.00	34.19 0.27 0.00	34.12 0.30 0.00	42.60 0.42 0.00	48.65 0.53 0.00	43.88 0.56 0.00	36.44 0.50 0.00	32.23 0.38 0.00	30.68 0.33 0.00
IP CORINTH___1 23988	32.05 1.32 -6.79	30.20 1.15 -7.82	27.35 1.18 -4.32	27.68 1.06 -6.62	28.27 1.10 -6.41	28.00 1.07 -6.73	34.27 1.05 -13.75	37.82 1.05 -16.61	41.72 1.12 -19.49	36.62 1.39 -10.84	38.96 1.65 -9.30	35.57 1.63 -6.74	35.81 1.68 -6.62	35.91 1.59 -8.19	35.07 1.57 -7.74	34.43 1.87 -3.72	37.85 2.10 -1.83	42.60 2.13 -6.65	45.04 2.74 -0.11	51.40 3.27 0.00	46.09 2.77 0.00	38.06 2.12 0.00	33.63 1.78 0.00	31.95 1.61 0.00

IP___TICONDEROGA 23804	32.66 1.94 -6.79	30.70 1.66 -7.81	27.85 1.68 -4.32	28.13 1.52 -6.62	28.74 1.58 -6.40	28.46 1.54 -6.72	34.72 1.52 -13.73	38.24 1.49 -16.59	42.16 1.58 -19.47	37.19 1.98 -10.83	39.65 2.35 -9.29	36.30 2.37 -6.73	36.58 2.45 -6.61	36.61 2.30 -8.18	35.76 2.27 -7.73	35.20 2.65 -3.71	38.90 3.15 -1.82	43.61 3.14 -6.64	46.47 4.18 -0.11	53.08 4.96 0.00	47.51 4.20 0.00	39.17 3.23 0.00	34.52 2.68 0.00	32.77 2.43 0.00
ISLIP_RES_REC 323679	31.19 1.84 -5.41	28.95 1.49 -6.23	26.84 1.55 -3.44	26.53 1.26 -5.28	27.13 1.27 -5.10	26.90 1.33 -5.36	31.74 1.32 -10.95	35.20 1.82 -13.22	38.45 1.82 -15.52	34.88 1.85 -8.63	37.34 1.93 -7.41	34.44 1.88 -5.37	34.63 1.84 -5.27	34.40 1.75 -6.52	33.70 1.78 -6.16	33.96 2.16 -2.96	38.05 2.68 -1.45	42.02 2.91 -5.30	45.85 3.58 -0.09	51.64 3.51 0.00	46.47 3.16 0.00	38.74 2.80 0.00	33.66 1.81 0.00	31.95 1.61 0.00
JAMAICA__27_KV_LOAD 355505	30.93 1.58 -5.41	28.82 1.36 -6.23	26.67 1.38 -3.44	26.51 1.24 -5.28	27.13 1.27 -5.10	26.88 1.31 -5.36	31.67 1.25 -10.95	34.66 1.27 -13.23	37.97 1.33 -15.53	34.56 1.54 -8.63	37.26 1.85 -7.41	34.47 1.90 -5.37	34.66 1.87 -5.27	34.40 1.75 -6.52	33.65 1.73 -6.16	33.87 2.08 -2.96	37.88 2.51 -1.46	41.65 2.54 -5.30	45.31 3.04 -0.09	51.35 3.22 0.00	46.22 2.90 0.00	38.27 2.34 0.00	33.70 1.85 0.00	32.07 1.73 0.00
JANIS___SOLAR 323808	26.89 0.05 -2.91	24.59 0.00 -3.35	23.68 0.00 -1.84	21.49 0.00 -1.49	23.50 0.00 -2.74	21.90 0.00 -1.70	22.50 -0.06 -3.09	24.33 -0.02 -4.19	29.53 -0.02 -8.44	28.92 -0.15 -4.67	31.87 -0.14 -4.00	29.90 -0.19 -2.89	30.78 -0.16 -3.43	29.53 -0.21 -3.61	28.97 -0.21 -3.42	30.63 -0.17 -1.97	34.66 -0.10 -0.84	36.90 0.14 -2.94	42.61 0.38 -0.05	48.99 0.87 0.00	44.05 0.74 0.00	36.65 0.72 0.00	32.42 0.57 0.00	30.80 0.46 0.00
JARVIS____ 23743	24.13 0.19 0.00	21.38 0.15 0.00	22.02 0.17 0.00	20.16 0.16 0.00	20.93 0.17 0.00	20.34 0.14 0.00	19.61 0.14 0.00	20.30 0.14 0.00	21.26 0.15 0.00	24.57 0.17 0.00	28.20 0.20 0.00	27.39 0.19 0.00	27.74 0.22 0.00	26.31 0.18 0.00	25.95 0.18 0.00	29.07 0.23 0.00	34.19 0.27 0.00	34.12 0.30 0.00	42.56 0.38 0.00	48.56 0.43 0.00	43.70 0.39 0.00	36.26 0.32 0.00	32.07 0.22 0.00	30.56 0.21 0.00
JENNISON___1 23625	26.27 0.12 -2.21	23.84 0.06 -2.55	23.34 0.09 -1.40	21.96 0.08 -1.88	22.93 0.08 -2.09	22.21 0.06 -1.95	23.37 0.00 -3.90	25.03 0.06 -4.81	27.56 0.08 -6.36	27.95 0.02 -3.53	31.18 0.14 -3.03	29.48 0.08 -2.19	29.91 0.14 -2.26	28.92 0.10 -2.69	28.38 0.08 -2.54	30.32 0.20 -1.28	34.76 0.24 -0.61	36.34 0.34 -2.18	42.77 0.55 -0.04	49.04 0.91 0.00	44.18 0.87 0.00	36.76 0.83 0.00	32.45 0.61 0.00	30.83 0.49 0.00
JENNISON___2 23626	26.27 0.12 -2.21	23.84 0.06 -2.55	23.34 0.09 -1.40	21.96 0.08 -1.88	22.93 0.08 -2.09	22.21 0.06 -1.95	23.37 0.00 -3.90	25.03 0.06 -4.81	27.56 0.08 -6.36	27.95 0.02 -3.53	31.18 0.14 -3.03	29.48 0.08 -2.19	29.91 0.14 -2.26	28.92 0.10 -2.69	28.38 0.08 -2.54	30.32 0.20 -1.28	34.76 0.24 -0.61	36.34 0.34 -2.18	42.77 0.55 -0.04	49.04 0.91 0.00	44.18 0.87 0.00	36.76 0.83 0.00	32.45 0.61 0.00	30.83 0.49 0.00
JERICHO_RISE_WT_PWR 323719	23.15 -0.79 0.00	20.57 -0.66 0.00	-1.05 -0.74 22.15	-8.07 -0.68 27.39	-8.03 -0.71 28.09	-0.91 -0.69 20.42	-0.93 -0.66 19.74	-7.98 -0.63 27.51	-8.23 -0.68 28.66	-8.51 -0.71 32.20	-8.76 -0.84 35.93	-8.66 -0.90 34.97	-8.73 -0.96 35.29	-8.61 -0.81 33.94	-8.57 -0.80 33.54	-8.53 -0.92 36.44	-8.76 -1.09 41.59	-8.72 -1.18 41.35	-9.26 -1.56 49.88	-2.58 -1.64 49.07	42.27 -1.04 0.00	35.00 -0.93 0.00	31.08 -0.76 0.00	29.53 -0.82 0.00
KATONAH___115KV_46KV_TB4 355592	30.83 1.44 -5.46	28.77 1.25 -6.28	26.59 1.27 -3.47	26.48 1.16 -5.32	27.13 1.22 -5.15	26.82 1.21 -5.41	31.64 1.13 -11.04	34.73 1.23 -13.33	38.05 1.29 -15.65	34.61 1.51 -8.70	37.29 1.82 -7.47	34.41 1.80 -5.41	34.65 1.82 -5.31	34.40 1.70 -6.57	33.65 1.67 -6.21	33.84 2.02 -2.98	37.79 2.41 -1.47	41.56 2.40 -5.34	45.22 2.95 -0.09	51.25 3.13 0.00	46.13 2.82 0.00	38.16 2.23 0.00	33.66 1.82 0.00	31.92 1.58 0.00
KCE_NY_1 323755	31.91 1.20 -6.77	30.07 1.04 -7.80	27.23 1.07 -4.31	27.56 0.96 -6.61	28.15 1.00 -6.39	27.88 0.97 -6.71	34.13 0.95 -13.71	37.67 0.95 -16.56	41.56 1.01 -19.44	36.42 1.22 -10.81	38.71 1.43 -9.27	35.33 1.41 -6.72	35.57 1.46 -6.60	35.68 1.38 -8.16	34.84 1.36 -7.71	34.16 1.61 -3.70	37.64 1.90 -1.82	42.34 1.89 -6.63	44.74 2.45 -0.11	50.91 2.79 0.00	45.69 2.38 0.00	37.80 1.87 0.00	33.44 1.59 0.00	31.80 1.46 0.00
KCE_NY_6_ESR 323823	21.94 -2.44 -0.45	19.56 -2.19 -0.52	19.95 -2.18 -0.29	18.92 -2.04 -0.96	19.07 -2.12 -0.43	19.07 -2.04 -0.91	19.56 -1.91 -2.00	20.20 -2.20 -2.24	20.13 -2.24 -1.26	22.44 -2.66 -0.71	25.53 -3.08 -0.61	24.68 -2.96 -0.45	24.61 -2.92 -0.01	23.86 -2.77 -0.50	23.51 -2.73 -0.47	25.84 -3.00 0.00	30.39 -3.63 -0.10	30.70 -3.52 -0.40	37.80 -4.39 -0.01	43.27 -4.86 0.00	38.72 -4.59 0.00	32.74 -3.20 0.00	29.30 -2.55 0.00	27.86 -2.49 0.00
KEDC_PORT_JEFF_GT2 24210	31.09 1.75 -5.41	28.89 1.42 -6.23	26.78 1.49 -3.44	26.47 1.20 -5.28	27.07 1.20 -5.10	26.84 1.27 -5.36	31.70 1.28 -10.95	35.12 1.73 -13.22	38.38 1.75 -15.52	34.83 1.81 -8.63	37.26 1.85 -7.41	34.36 1.79 -5.37	34.55 1.76 -5.27	34.32 1.67 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.95 2.58 -1.45	41.89 2.77 -5.30	45.69 3.42 -0.09	51.44 3.32 0.00	46.30 2.99 0.00	38.60 2.66 0.00	33.57 1.72 0.00	31.83 1.49 0.00
KEDC_PORT_JEFF_GT3 24211	31.09 1.75 -5.41	28.89 1.42 -6.23	26.78 1.49 -3.44	26.47 1.20 -5.28	27.07 1.20 -5.10	26.84 1.27 -5.36	31.70 1.28 -10.95	35.12 1.73 -13.22	38.38 1.75 -15.52	34.83 1.81 -8.63	37.26 1.85 -7.41	34.36 1.79 -5.37	34.55 1.76 -5.27	34.32 1.67 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.95 2.58 -1.45	41.89 2.77 -5.30	45.69 3.42 -0.09	51.44 3.32 0.00	46.30 2.99 0.00	38.60 2.66 0.00	33.57 1.72 0.00	31.83 1.49 0.00
KEDC_GLWD_GT4 24219	30.97 1.63 -5.41	28.84 1.38 -6.23	26.71 1.42 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.64 1.23 -10.95	34.88 1.49 -13.22	38.13 1.50 -15.52	34.71 1.68 -8.63	37.37 1.96 -7.41	34.55 1.98 -5.37	34.77 1.98 -5.27	34.50 1.86 -6.52	33.81 1.88 -6.16	34.02 2.22 -2.96	38.05 2.68 -1.45	41.85 2.74 -5.30	45.69 3.42 -0.09	51.49 3.37 0.00	46.43 3.12 0.00	38.53 2.59 0.00	33.73 1.88 0.00	31.98 1.64 0.00
KEDC_GLWD_GT5 24220	30.97 1.63 -5.41	28.84 1.38 -6.23	26.71 1.42 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.64 1.23 -10.95	34.88 1.49 -13.22	38.13 1.50 -15.52	34.71 1.68 -8.63	37.37 1.96 -7.41	34.55 1.98 -5.37	34.77 1.98 -5.27	34.50 1.86 -6.52	33.81 1.88 -6.16	34.02 2.22 -2.96	38.05 2.68 -1.45	41.85 2.74 -5.30	45.69 3.42 -0.09	51.49 3.37 0.00	46.43 3.12 0.00	38.53 2.59 0.00	33.73 1.88 0.00	31.98 1.64 0.00

KENSICO____ 23655	30.63 1.29 -5.40	28.60 1.15 -6.22	26.46 1.18 -3.44	26.32 1.06 -5.27	26.96 1.10 -5.09	26.66 1.11 -5.35	31.45 1.05 -10.93	34.49 1.13 -13.20	37.76 1.16 -15.49	34.37 1.37 -8.62	36.99 1.60 -7.39	34.16 1.60 -5.36	34.37 1.60 -5.26	34.13 1.49 -6.51	33.38 1.47 -6.15	33.58 1.79 -2.95	37.47 2.10 -1.45	41.20 2.10 -5.29	44.89 2.62 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	37.91 1.98 0.00	33.41 1.56 0.00	31.74 1.40 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.24 1.15 -5.15	28.17 1.00 -5.93	26.13 1.00 -3.28	25.94 0.92 -5.03	26.60 0.98 -4.86	26.32 1.01 -5.11	30.85 0.95 -10.43	33.77 1.01 -12.60	36.89 0.99 -14.79	33.74 1.12 -8.22	36.38 1.32 -7.06	33.62 1.31 -5.11	33.83 1.29 -5.02	33.52 1.18 -6.21	32.82 1.19 -5.87	33.10 1.44 -2.82	37.03 1.73 -1.39	40.59 1.72 -5.05	44.46 2.19 -0.09	50.63 2.50 0.00	45.57 2.25 0.00	37.63 1.69 0.00	33.19 1.34 0.00	31.50 1.15 0.00
KIAC_JFK_GT1 23816	30.81 1.46 -5.41	28.72 1.25 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.03 1.16 -5.10	26.78 1.21 -5.36	31.57 1.15 -10.95	34.56 1.17 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.34 1.77 -5.37	34.52 1.73 -5.27	34.27 1.62 -6.52	33.53 1.60 -6.16	33.73 1.93 -2.96	37.71 2.34 -1.46	41.45 2.33 -5.30	44.93 2.66 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	38.09 2.16 0.00	33.54 1.69 0.00	31.92 1.58 0.00
KIAC_JFK_GT2 23817	30.81 1.46 -5.41	28.72 1.25 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.03 1.16 -5.10	26.78 1.21 -5.36	31.57 1.15 -10.95	34.56 1.17 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.34 1.77 -5.37	34.52 1.73 -5.27	34.27 1.62 -6.52	33.53 1.60 -6.16	33.73 1.93 -2.96	37.71 2.34 -1.46	41.45 2.33 -5.30	44.93 2.66 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	38.09 2.16 0.00	33.54 1.69 0.00	31.92 1.58 0.00
KIAC_JFK____ 323774	30.81 1.46 -5.41	28.72 1.25 -6.23	26.58 1.29 -3.44	26.41 1.14 -5.28	27.03 1.16 -5.10	26.78 1.21 -5.36	31.72 1.30 -10.95	34.56 1.17 -13.23	37.86 1.22 -15.53	34.47 1.44 -8.63	37.12 1.71 -7.41	34.33 1.77 -5.37	34.52 1.73 -5.27	34.27 1.62 -6.52	33.55 1.62 -6.16	33.73 1.93 -2.96	37.71 2.34 -1.46	41.45 2.33 -5.30	44.93 2.66 -0.09	50.87 2.74 0.00	45.82 2.51 0.00	38.13 2.19 0.00	33.50 1.66 0.00	31.86 1.52 0.00
KINTIGH____ 23543	22.47 -1.91 -0.45	20.06 -1.70 -0.52	20.41 -1.73 -0.29	19.23 -1.60 -0.83	19.49 -1.70 -0.43	19.40 -1.60 -0.79	19.73 -1.46 -1.72	20.40 -1.71 -1.95	20.50 -1.88 -1.27	22.72 -2.39 -0.71	25.60 -3.02 -0.61	24.85 -2.80 -0.45	24.88 -2.72 -0.08	23.82 -2.82 -0.51	23.49 -2.76 -0.49	25.60 -3.29 -0.05	30.05 -3.97 -0.10	30.51 -3.72 -0.42	37.76 -4.43 -0.01	43.12 -5.00 0.00	38.68 -4.63 0.00	32.63 -3.31 0.00	29.05 -2.80 0.00	27.61 -2.73 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.15 -0.79 0.00	20.57 -0.66 0.00	0.01 -0.70 21.14	-6.76 -0.62 26.13	-6.70 -0.66 26.80	0.01 -0.71 19.48	0.00 -0.64 18.83	-6.67 -0.58 26.25	-6.76 -0.53 27.34	-6.76 -0.44 30.72	-6.78 -0.50 34.28	-6.79 -0.63 33.36	-6.81 -0.66 33.67	-6.77 -0.52 32.38	-6.77 -0.54 32.00	-6.71 -0.78 34.77	-6.54 -0.78 39.68	-6.58 -0.95 39.45	-6.59 -1.18 47.59	0.01 -1.30 46.82	42.62 -0.69 0.00	35.25 -0.68 0.00	31.31 -0.54 0.00	29.62 -0.73 0.00
LACHUTE__HYDRO 323717	32.66 1.94 -6.79	30.70 1.66 -7.81	27.85 1.68 -4.32	28.13 1.52 -6.62	28.74 1.58 -6.40	28.46 1.53 -6.72	34.72 1.52 -13.73	38.24 1.49 -16.59	42.16 1.58 -19.47	37.19 1.97 -10.83	39.65 2.35 -9.29	36.30 2.37 -6.73	36.58 2.45 -6.61	36.61 2.30 -8.18	35.76 2.27 -7.73	35.20 2.65 -3.71	38.90 3.16 -1.82	43.61 3.15 -6.64	46.47 4.18 -0.11	53.08 4.96 0.00	47.51 4.20 0.00	39.17 3.24 0.00	34.52 2.68 0.00	32.77 2.43 0.00
LAWRNCV_115KV_TB1 80681	23.57 -0.45 -0.09	20.95 -0.38 -0.10	24.20 -0.39 -2.74	23.03 -0.38 -3.41	23.86 -0.39 -3.49	22.38 -0.38 -2.56	21.65 -0.39 -2.57	23.37 -0.34 -3.55	24.48 -0.36 -3.73	28.10 -0.34 -4.05	32.06 -0.42 -4.48	31.01 -0.52 -4.33	31.31 -0.58 -4.37	29.91 -0.44 -4.22	29.50 -0.44 -4.17	32.73 -0.58 -5.07	38.41 -0.58 -5.10	38.24 -0.68 -5.10	47.31 -0.93 -6.05	53.26 -0.82 -5.95	42.71 -0.61 0.00	35.29 -0.65 0.00	31.34 -0.51 0.00	29.77 -0.58 0.00
LEDERLE____ 23769	30.30 1.20 -5.17	28.25 1.06 -5.95	26.21 1.07 -3.29	26.02 0.98 -5.04	26.68 1.04 -4.88	26.38 1.05 -5.12	30.90 0.97 -10.46	33.87 1.07 -12.64	37.04 1.10 -14.83	33.91 1.27 -8.25	36.60 1.51 -7.08	33.85 1.52 -5.13	34.07 1.51 -5.03	33.77 1.41 -6.23	33.02 1.37 -5.89	33.28 1.61 -2.83	37.21 1.90 -1.39	40.77 1.89 -5.06	44.59 2.32 -0.09	50.63 2.50 0.00	45.57 2.25 0.00	37.70 1.76 0.00	33.25 1.40 0.00	31.59 1.24 0.00
LIGHTHSE_115KV_TB6 355974	23.63 -0.79 -0.48	21.06 -0.72 -0.55	21.41 -0.74 -0.31	19.77 -0.70 -0.47	20.45 -0.77 -0.45	19.95 -0.73 -0.48	19.70 -0.74 -0.97	20.57 -0.77 -1.17	21.68 -0.80 -1.38	24.18 -0.98 -0.77	27.57 -1.09 -0.66	26.59 -1.09 -0.48	26.91 -1.07 -0.47	25.64 -1.07 -0.58	25.26 -1.06 -0.55	27.89 -1.21 -0.26	32.69 -1.36 -0.13	33.00 -1.29 -0.47	40.76 -1.43 -0.01	46.68 -1.44 0.00	41.97 -1.34 0.00	34.82 -1.11 0.00	30.86 -0.99 0.00	29.40 -0.94 0.00
LINDEN COGEN____ 23786	30.61 1.27 -5.41	28.61 1.15 -6.23	26.47 1.18 -3.44	26.35 1.08 -5.28	26.99 1.12 -5.10	26.70 1.13 -5.36	31.33 0.92 -10.95	34.38 0.99 -13.23	37.77 1.14 -15.53	34.34 1.32 -8.63	36.98 1.57 -7.41	34.09 1.52 -5.37	34.27 1.49 -5.27	34.14 1.49 -6.52	33.29 1.36 -6.16	33.44 1.64 -2.96	37.37 2.00 -1.46	41.25 2.13 -5.30	44.76 2.49 -0.09	50.72 2.60 0.00	45.65 2.34 0.00	37.73 1.80 0.00	33.25 1.40 0.00	31.65 1.30 0.00
LINDHRST_69_KV_BK1 356055	31.16 1.82 -5.41	28.97 1.51 -6.23	26.82 1.53 -3.44	26.57 1.30 -5.28	27.17 1.31 -5.10	26.94 1.37 -5.36	31.74 1.32 -10.95	35.06 1.67 -13.22	38.32 1.69 -15.52	34.85 1.83 -8.63	37.46 2.04 -7.41	34.61 2.04 -5.37	34.80 2.01 -5.27	34.56 1.91 -6.52	33.81 1.88 -6.16	34.10 2.31 -2.96	38.16 2.78 -1.45	42.09 2.98 -5.30	45.94 3.67 -0.09	51.83 3.71 0.00	46.60 3.29 0.00	38.74 2.80 0.00	33.95 2.10 0.00	32.22 1.88 0.00
LIPA_MISC_IPP 23656	31.00 1.65 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.33 1.06 -5.28	26.92 1.06 -5.10	26.69 1.13 -5.36	31.59 1.17 -10.95	35.10 1.71 -13.22	38.36 1.73 -15.52	34.71 1.68 -8.63	36.98 1.57 -7.41	34.01 1.44 -5.37	34.16 1.38 -5.27	33.98 1.33 -6.52	33.24 1.31 -6.16	33.50 1.70 -2.96	37.48 2.10 -1.45	41.45 2.33 -5.30	45.10 2.83 -0.09	50.82 2.69 0.00	45.65 2.34 0.00	38.16 2.23 0.00	33.41 1.56 0.00	31.77 1.43 0.00
LISF__SOLAR 323691	31.02 1.67 -5.41	28.78 1.32 -6.23	26.67 1.38 -3.44	26.35 1.08 -5.28	26.94 1.08 -5.10	26.71 1.15 -5.36	31.62 1.21 -10.95	35.14 1.75 -13.22	38.38 1.75 -15.52	34.73 1.71 -8.63	37.01 1.60 -7.41	34.01 1.44 -5.37	34.19 1.40 -5.27	33.98 1.33 -6.52	33.29 1.36 -6.16	33.50 1.70 -2.96	37.51 2.14 -1.45	41.48 2.37 -5.30	45.14 2.87 -0.09	50.87 2.74 0.00	45.78 2.47 0.00	38.27 2.33 0.00	33.16 1.31 0.00	31.50 1.15 0.00

LITTLE FALLS___HYD 24013	24.15 0.22 0.00	21.40 0.17 0.00	22.04 0.20 0.00	20.16 0.16 0.00	20.91 0.15 0.00	20.34 0.14 0.00	19.57 0.10 0.00	20.26 0.10 0.00	21.21 0.11 0.00	24.52 0.12 0.00	28.17 0.17 0.00	27.36 0.16 0.00	27.68 0.17 0.00	26.29 0.16 0.00	25.92 0.15 0.00	29.07 0.23 0.00	34.19 0.27 0.00	34.12 0.30 0.00	42.60 0.42 0.00	48.65 0.53 0.00	43.88 0.56 0.00	36.44 0.50 0.00	32.23 0.38 0.00	30.68 0.33 0.00
LITTLRIV_115KV_TB1 356100	23.79 -0.24 -0.09	21.15 -0.19 -0.11	24.69 -0.17 -3.01	23.54 -0.20 -3.75	24.39 -0.21 -3.84	22.80 -0.22 -2.82	22.06 -0.23 -2.82	23.88 -0.18 -3.90	24.99 -0.21 -4.09	28.64 -0.20 -4.44	32.67 -0.25 -4.92	31.60 -0.35 -4.76	31.91 -0.41 -4.80	30.48 -0.29 -4.64	30.04 -0.31 -4.58	33.35 -0.40 -4.91	39.15 -0.34 -5.57	39.02 -0.41 -5.61	48.29 -0.55 -6.66	54.38 -0.29 -6.55	43.18 -0.13 0.00	35.65 -0.29 0.00	31.63 -0.22 0.00	30.04 -0.30 0.00
LI_NEWBRDGE___DRP 323616	30.81 1.46 -5.41	28.69 1.23 -6.23	26.53 1.25 -3.44	26.35 1.08 -5.28	26.97 1.10 -5.10	26.69 1.13 -5.36	31.51 1.09 -10.95	34.76 1.37 -13.22	38.00 1.37 -15.52	34.54 1.51 -8.63	37.12 1.71 -7.41	34.31 1.74 -5.37	34.49 1.71 -5.27	34.27 1.62 -6.52	33.52 1.60 -6.16	33.76 1.96 -2.96	37.71 2.34 -1.45	41.55 2.43 -5.30	45.27 2.99 -0.09	51.11 2.98 0.00	46.00 2.69 0.00	38.20 2.26 0.00	33.54 1.69 0.00	31.86 1.52 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.91 -2.47 -0.44	19.56 -2.19 -0.51	19.93 -2.21 -0.29	18.83 -2.06 -0.89	19.00 -2.18 -0.42	18.99 -2.06 -0.84	19.42 -1.91 -1.85	20.03 -2.22 -2.08	19.98 -2.36 -1.24	22.16 -2.93 -0.70	25.02 -3.58 -0.60	24.29 -3.35 -0.44	24.19 -3.27 0.06	23.31 -3.32 -0.50	23.01 -3.22 -0.47	25.12 -3.69 0.03	29.57 -4.44 -0.10	29.96 -4.26 -0.40	37.09 -5.10 -0.01	42.40 -5.73 0.00	38.03 -5.28 0.00	32.20 -3.74 0.00	28.70 -3.15 0.00	27.25 -3.10 0.00
LOCKPORT___CC1 323769	21.91 -2.46 -0.44	19.53 -2.21 -0.50	19.90 -2.23 -0.29	18.84 -2.06 -0.90	19.00 -2.18 -0.41	18.99 -2.06 -0.85	19.37 -1.97 -1.87	19.94 -2.32 -2.10	19.95 -2.39 -1.23	22.13 -2.95 -0.69	25.01 -3.58 -0.59	24.18 -3.45 -0.43	24.01 -3.39 0.13	23.30 -3.32 -0.49	22.93 -3.30 -0.46	24.91 -3.86 0.07	29.47 -4.54 -0.10	29.92 -4.30 -0.40	36.96 -5.23 -0.01	42.30 -5.82 0.00	37.81 -5.50 0.00	32.02 -3.92 0.00	28.66 -3.18 0.00	27.28 -3.06 0.00
LOCKPORT___CC2 323770	21.91 -2.46 -0.44	19.53 -2.21 -0.50	19.90 -2.23 -0.29	18.84 -2.06 -0.90	19.00 -2.18 -0.41	18.99 -2.06 -0.85	19.37 -1.97 -1.87	19.94 -2.32 -2.10	19.95 -2.39 -1.23	22.13 -2.95 -0.69	25.01 -3.58 -0.59	24.18 -3.45 -0.43	24.01 -3.39 0.13	23.30 -3.32 -0.49	22.93 -3.30 -0.46	24.91 -3.86 0.07	29.47 -4.54 -0.10	29.92 -4.30 -0.40	36.96 -5.23 -0.01	42.30 -5.82 0.00	37.81 -5.50 0.00	32.02 -3.92 0.00	28.66 -3.18 0.00	27.28 -3.06 0.00
LOCKPORT___CC3 323771	21.91 -2.46 -0.44	19.53 -2.21 -0.50	19.90 -2.23 -0.29	18.84 -2.06 -0.90	19.00 -2.18 -0.41	18.99 -2.06 -0.85	19.37 -1.97 -1.87	19.94 -2.32 -2.10	19.95 -2.39 -1.23	22.13 -2.95 -0.69	25.01 -3.58 -0.59	24.18 -3.45 -0.43	24.01 -3.39 0.13	23.30 -3.32 -0.49	22.93 -3.30 -0.46	24.91 -3.86 0.07	29.47 -4.54 -0.10	29.92 -4.30 -0.40	36.96 -5.23 -0.01	42.30 -5.82 0.00	37.81 -5.50 0.00	32.02 -3.92 0.00	28.66 -3.18 0.00	27.28 -3.06 0.00
LONG_LAKE_PHOENIX 24014	23.71 -0.77 -0.54	21.17 -0.68 -0.62	21.47 -0.72 -0.34	19.86 -0.66 -0.52	20.58 -0.69 -0.51	20.07 -0.67 -0.53	19.91 -0.64 -1.09	20.79 -0.69 -1.31	21.95 -0.70 -1.54	24.42 -0.83 -0.86	27.82 -0.92 -0.74	26.86 -0.87 -0.53	27.22 -0.83 -0.52	25.94 -0.84 -0.65	25.55 -0.82 -0.61	28.12 -1.01 -0.29	32.88 -1.19 -0.14	33.19 -1.15 -0.53	40.80 -1.39 -0.01	46.58 -1.54 0.00	41.93 -1.39 0.00	34.82 -1.11 0.00	30.89 -0.96 0.00	29.49 -0.85 0.00
LOVETT___3 23632	30.27 1.12 -5.21	28.23 1.00 -6.00	26.17 1.00 -3.32	26.00 0.92 -5.08	26.65 0.98 -4.91	26.35 0.99 -5.16	30.93 0.92 -10.54	33.88 0.99 -12.73	37.09 1.03 -14.95	33.90 1.20 -8.31	36.54 1.40 -7.13	33.78 1.41 -5.17	34.00 1.40 -5.07	33.71 1.31 -6.28	32.96 1.26 -5.93	33.21 1.53 -2.85	37.08 1.76 -1.40	40.71 1.79 -5.10	44.46 2.19 -0.09	50.43 2.31 0.00	45.39 2.08 0.00	37.59 1.65 0.00	33.15 1.31 0.00	31.50 1.15 0.00
LOVETT___4 23642	30.27 1.12 -5.21	28.23 1.00 -6.00	26.17 1.00 -3.32	26.00 0.92 -5.08	26.65 0.98 -4.91	26.35 0.99 -5.16	30.93 0.92 -10.54	33.88 0.99 -12.73	37.09 1.03 -14.95	33.90 1.20 -8.31	36.54 1.40 -7.13	33.78 1.41 -5.17	34.00 1.40 -5.07	33.71 1.31 -6.28	32.96 1.26 -5.93	33.21 1.53 -2.85	37.08 1.76 -1.40	40.71 1.79 -5.10	44.46 2.19 -0.09	50.43 2.31 0.00	45.39 2.08 0.00	37.59 1.65 0.00	33.15 1.31 0.00	31.50 1.15 0.00
LOVETT___5 23593	30.27 1.12 -5.21	28.23 1.00 -6.00	26.17 1.00 -3.32	26.00 0.92 -5.08	26.65 0.98 -4.91	26.35 0.99 -5.16	30.93 0.92 -10.54	33.88 0.99 -12.73	37.09 1.03 -14.95	33.90 1.20 -8.31	36.54 1.40 -7.13	33.78 1.41 -5.17	34.00 1.40 -5.07	33.71 1.31 -6.28	32.96 1.26 -5.93	33.21 1.53 -2.85	37.08 1.76 -1.40	40.71 1.79 -5.10	44.46 2.19 -0.09	50.43 2.31 0.00	45.39 2.08 0.00	37.59 1.65 0.00	33.15 1.31 0.00	31.50 1.15 0.00
LOWER RAQUET___HYD 24057	23.51 -0.53 -0.10	20.88 -0.47 -0.11	24.66 -0.46 -3.27	23.60 -0.46 -4.06	24.44 -0.48 -4.16	22.79 -0.46 -3.05	22.06 -0.47 -3.06	23.98 -0.40 -4.22	25.10 -0.44 -4.43	28.77 -0.44 -4.82	32.81 -0.53 -5.34	31.74 -0.62 -5.16	32.04 -0.69 -5.20	30.61 -0.55 -5.03	30.19 -0.54 -4.97	33.53 -0.63 -5.33	39.25 -0.71 -6.05	39.09 -0.81 -6.08	48.35 -1.05 -7.22	54.27 -0.96 -7.10	42.58 -0.74 0.00	35.18 -0.76 0.00	31.24 -0.61 0.00	29.68 -0.67 0.00
LOWER___HUDSON 24059	31.62 1.03 -6.66	29.81 0.91 -7.66	27.02 0.94 -4.24	27.33 0.84 -6.49	27.89 0.85 -6.28	27.65 0.85 -6.60	33.77 0.84 -13.47	37.28 0.85 -16.27	41.11 0.91 -19.10	36.08 1.07 -10.62	38.32 1.20 -9.11	34.94 1.14 -6.60	35.18 1.18 -6.48	35.27 1.12 -8.02	34.45 1.11 -7.58	33.83 1.36 -3.64	37.30 1.59 -1.79	41.89 1.56 -6.52	44.27 1.98 -0.11	50.34 2.21 0.00	45.22 1.90 0.00	37.45 1.51 0.00	33.16 1.31 0.00	31.56 1.22 0.00
LOWVILLE_115KV_TB2 356335	23.77 -0.41 -0.24	21.11 -0.40 -0.28	22.56 -0.37 -1.09	21.03 -0.36 -1.39	21.78 -0.39 -1.41	20.90 -0.40 -1.10	20.34 -0.45 -1.32	21.49 -0.42 -1.75	22.56 -0.44 -1.90	25.55 -0.59 -1.74	29.21 -0.64 -1.84	28.21 -0.71 -1.71	28.53 -0.72 -1.72	27.15 -0.71 -1.72	26.76 -0.70 -1.69	29.76 -0.75 -1.67	34.96 -0.78 -1.82	35.15 -0.64 -1.98	43.61 -0.67 -2.11	49.81 -0.38 -2.07	42.97 -0.35 0.00	35.54 -0.40 0.00	31.37 -0.48 0.00	29.80 -0.55 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.91 1.20 -6.77	30.07 1.04 -7.80	27.23 1.07 -4.31	27.56 0.96 -6.61	28.15 1.00 -6.39	27.88 0.97 -6.71	34.13 0.95 -13.71	37.67 0.95 -16.56	41.56 1.01 -19.44	36.42 1.22 -10.81	38.71 1.43 -9.27	35.31 1.39 -6.72	35.57 1.46 -6.60	35.65 1.36 -8.16	34.82 1.34 -7.71	34.16 1.61 -3.70	37.64 1.90 -1.82	42.34 1.89 -6.63	44.70 2.40 -0.11	50.87 2.74 0.00	45.65 2.34 0.00	37.77 1.83 0.00	33.41 1.56 0.00	31.77 1.43 0.00

LUTHERNY_35_KV_BK2 355980	31.91 1.20 -6.77	30.07 1.04 -7.80	27.23 1.07 -4.31	27.56 0.96 -6.61	28.15 1.00 -6.39	27.88 0.97 -6.71	34.13 0.95 -13.71	37.67 0.95 -16.56	41.56 1.01 -19.44	36.42 1.22 -10.81	38.71 1.43 -9.27	35.33 1.41 -6.72	35.57 1.46 -6.60	35.68 1.38 -8.16	34.85 1.37 -7.71	34.19 1.64 -3.70	37.64 1.90 -1.82	42.34 1.89 -6.63	44.74 2.45 -0.11	50.92 2.79 0.00	45.70 2.38 0.00	37.81 1.87 0.00	33.44 1.59 0.00	31.80 1.46 0.00
LWR___OSWEGATCHIE_HYD 23850	23.42 -0.69 -0.18	20.82 -0.62 -0.21	23.53 -0.61 -2.30	22.27 -0.60 -2.88	23.08 -0.62 -2.94	21.77 -0.63 -2.19	21.14 -0.64 -2.31	22.71 -0.60 -3.15	23.79 -0.65 -3.34	27.10 -0.76 -3.46	30.92 -0.87 -3.79	29.90 -0.92 -3.62	30.21 -0.96 -3.65	28.80 -0.89 -3.56	28.40 -0.88 -3.51	31.52 -1.01 -3.69	36.98 -1.09 -4.15	37.02 -1.05 -4.25	45.84 -1.27 -4.92	51.86 -1.11 -4.84	42.40 -0.91 0.00	35.04 -0.90 0.00	31.02 -0.83 0.00	29.46 -0.88 0.00
LYONS_FALL_HYD 23570	24.02 -0.14 -0.23	21.35 -0.15 -0.26	22.49 -0.13 -0.77	20.86 -0.14 -1.00	21.61 -0.17 -1.01	20.85 -0.16 -0.81	20.30 -0.19 -1.02	21.32 -0.18 -1.34	22.41 -0.17 -1.47	25.40 -0.27 -1.28	29.09 -0.25 -1.33	28.10 -0.33 -1.22	28.44 -0.30 -1.23	27.06 -0.31 -1.24	26.67 -0.31 -1.21	29.68 -0.32 -1.16	34.86 -0.31 -1.24	35.01 -0.20 -1.40	43.44 -0.17 -1.42	49.62 0.10 -1.40	43.40 0.09 0.00	35.94 0.00 0.00	31.72 -0.13 0.00	30.16 -0.18 0.00
MADISON___COUNTY_LFGE 323628	24.53 0.22 -0.38	21.84 0.17 -0.44	22.26 0.17 -0.24	20.53 0.16 -0.37	21.29 0.17 -0.36	20.72 0.14 -0.38	20.35 0.12 -0.77	21.23 0.14 -0.93	22.34 0.15 -1.09	25.12 0.12 -0.60	28.72 0.20 -0.52	27.71 0.14 -0.38	28.08 0.19 -0.37	26.74 0.16 -0.46	26.35 0.15 -0.43	29.25 0.20 -0.21	34.29 0.27 -0.10	34.53 0.34 -0.37	42.69 0.51 -0.01	48.85 0.72 0.00	43.96 0.65 0.00	36.48 0.54 0.00	32.23 0.38 0.00	30.68 0.33 0.00
MALONE___115KV_TB1 356076	23.38 -0.55 0.00	20.77 -0.47 0.00	35.09 -0.50 -13.75	36.52 -0.48 -17.00	37.70 -0.50 -17.43	32.39 -0.48 -12.67	31.25 -0.47 -12.25	36.87 -0.36 -17.07	38.49 -0.40 -17.78	44.06 -0.32 -19.98	49.88 -0.42 -22.30	48.35 -0.54 -21.70	48.84 -0.58 -21.90	46.75 -0.44 -21.06	46.14 -0.44 -20.81	50.85 -0.61 -22.61	59.12 -0.61 -25.81	58.73 -0.74 -25.66	72.08 -1.05 -30.95	77.71 -0.87 -30.45	42.88 -0.43 0.00	35.40 -0.54 0.00	31.43 -0.41 0.00	29.80 -0.55 0.00
MAPLEWOD_115KV_TB3 80458	31.55 1.01 -6.61	29.74 0.89 -7.62	26.97 0.92 -4.21	27.27 0.82 -6.45	27.85 0.85 -6.24	27.58 0.83 -6.55	33.65 0.80 -13.38	37.14 0.81 -16.17	40.95 0.87 -18.98	35.95 1.00 -10.55	38.21 1.15 -9.06	34.90 1.14 -6.56	35.12 1.16 -6.44	35.20 1.10 -7.97	34.38 1.08 -7.53	33.78 1.33 -3.62	37.26 1.56 -1.78	41.81 1.52 -6.48	44.23 1.94 -0.11	50.29 2.17 0.00	45.18 1.86 0.00	37.41 1.47 0.00	33.15 1.31 0.00	31.53 1.18 0.00
MAPLE_RIDGE_WT_1 323574	23.17 -0.77 0.00	20.55 -0.68 0.00	21.15 -0.70 0.00	19.36 -0.64 0.00	20.10 -0.67 0.00	19.54 -0.67 0.00	18.83 -0.64 0.00	19.54 -0.63 0.00	20.45 -0.65 0.00	23.66 -0.73 0.00	27.17 -0.84 0.00	26.39 -0.82 0.00	26.69 -0.82 0.00	25.35 -0.78 0.00	24.99 -0.77 0.00	27.97 -0.86 0.00	32.90 -1.02 0.00	32.84 -0.98 0.00	41.00 -1.18 0.00	46.83 -1.30 0.00	42.27 -1.04 0.00	35.07 -0.86 0.00	31.12 -0.73 0.00	29.68 -0.67 0.00
MAPLE_RIDGE_WT_2 323611	23.17 -0.77 0.00	20.55 -0.68 0.00	21.15 -0.70 0.00	19.36 -0.64 0.00	20.10 -0.67 0.00	19.54 -0.67 0.00	18.83 -0.64 0.00	19.54 -0.63 0.00	20.45 -0.65 0.00	23.66 -0.73 0.00	27.17 -0.84 0.00	26.39 -0.82 0.00	26.69 -0.82 0.00	25.35 -0.78 0.00	24.99 -0.77 0.00	27.97 -0.86 0.00	32.90 -1.02 0.00	32.84 -0.98 0.00	41.00 -1.18 0.00	46.83 -1.30 0.00	42.27 -1.04 0.00	35.07 -0.86 0.00	31.12 -0.73 0.00	29.68 -0.67 0.00
MARBLE_RIVER_WT_PWR 323696	22.60 -1.34 0.00	20.11 -1.13 0.00	-0.34 -1.24 20.95	-7.00 -1.10 25.90	-7.00 -1.20 26.56	-0.34 -1.23 19.31	-0.38 -1.19 18.66	-7.00 -1.15 26.01	-7.00 -1.01 27.10	-7.00 -0.95 30.44	-7.00 -1.04 33.97	-7.00 -1.14 33.06	-7.00 -1.15 33.36	-7.00 -1.05 32.08	-7.00 -1.06 31.71	-7.00 -1.38 34.45	-7.00 -1.59 39.33	-7.00 -1.72 39.09	-7.00 -2.02 47.16	-0.92 -2.65 46.39	41.67 -1.65 0.00	34.50 -1.44 0.00	30.64 -1.21 0.00	29.01 -1.33 0.00
MARSHVLE_115KV_TB1 80742	32.41 0.89 -7.59	30.70 0.72 -8.74	27.42 0.74 -4.83	28.08 0.68 -7.40	28.63 0.71 -7.16	28.39 0.67 -7.52	35.46 0.62 -15.36	39.31 0.58 -18.56	43.13 0.23 -21.79	36.68 0.17 -12.11	38.62 0.22 -10.40	34.98 0.24 -7.53	35.38 0.47 -7.39	35.70 0.42 -9.15	34.80 0.39 -8.65	33.45 0.46 -4.15	36.74 0.78 -2.04	42.60 1.35 -7.43	44.33 2.02 -0.13	50.53 2.41 0.00	45.35 1.65 0.00	37.59 1.31 0.00	33.15 1.09 0.00	31.44 1.09 0.00
MARSH_HILL_WT_PWR 323713	21.31 -2.49 0.13	18.83 -2.25 0.15	19.44 -2.34 0.07	19.10 -2.08 -1.18	18.42 -2.22 0.12	19.02 -2.20 -1.02	19.81 -2.12 -2.46	20.41 -2.28 -2.52	18.28 -2.36 0.47	21.37 -2.78 0.24	24.56 -3.25 0.20	23.80 -3.26 0.13	24.87 -3.30 -0.65	22.79 -3.08 0.26	22.47 -3.04 0.25	25.68 -3.40 -0.25	29.99 -3.83 0.09	29.94 -3.65 0.22	37.92 -4.26 0.00	43.75 -4.38 0.00	39.33 -3.98 0.00	33.31 -2.62 0.00	29.81 -2.04 0.00	28.64 -1.70 0.00
MCINTYRE_115KV_TB2 80467	23.93 0.00 0.00	21.25 0.02 0.00	24.44 0.04 -2.55	23.15 0.00 -3.15	24.00 0.00 -3.23	22.53 -0.02 -2.35	21.68 -0.06 -2.27	23.33 0.00 -3.17	24.37 -0.04 -3.30	28.10 0.00 -3.71	32.11 -0.03 -4.14	31.09 -0.14 -4.03	31.36 -0.22 -4.06	29.93 -0.10 -3.91	29.52 -0.10 -3.86	32.83 -0.20 -4.20	38.61 -0.10 -4.79	38.48 -0.10 -4.76	47.75 -0.17 -5.74	53.97 0.19 -5.65	43.62 0.30 0.00	35.97 0.04 0.00	31.94 0.10 0.00	30.31 -0.03 0.00
MECO_____69_KV_BK1 80468	32.63 1.39 -7.31	30.81 1.17 -8.41	27.70 1.20 -4.65	28.20 1.08 -7.12	28.75 1.10 -6.89	28.51 1.07 -7.24	35.29 1.03 -14.78	39.01 0.99 -17.86	42.88 0.80 -20.97	36.90 0.85 -11.66	39.02 1.01 -10.00	35.45 1.01 -7.25	35.82 1.18 -7.12	36.03 1.10 -8.80	35.17 1.08 -8.32	34.13 1.30 -4.00	37.65 1.76 -1.96	43.10 2.13 -7.15	45.30 2.99 -0.12	51.69 3.56 0.00	46.35 3.03 0.00	38.34 2.41 0.00	33.79 1.94 0.00	32.07 1.73 0.00
MENANDS___115KV_TB5 355628	31.52 0.98 -6.60	29.71 0.87 -7.60	26.94 0.90 -4.20	27.26 0.82 -6.44	27.82 0.83 -6.23	27.55 0.81 -6.54	33.61 0.78 -13.36	37.09 0.79 -16.14	40.90 0.84 -18.94	35.93 1.00 -10.53	38.19 1.15 -9.04	34.86 1.12 -6.55	35.08 1.13 -6.43	35.18 1.10 -7.95	34.34 1.06 -7.52	33.77 1.33 -3.61	37.22 1.53 -1.78	41.77 1.49 -6.46	44.19 1.90 -0.11	50.19 2.07 0.00	45.09 1.78 0.00	37.34 1.40 0.00	33.12 1.27 0.00	31.50 1.15 0.00
MG INDUSTRY___DRP 24185	31.27 0.86 -6.47	29.45 0.76 -7.45	26.75 0.79 -4.12	27.03 0.72 -6.31	27.60 0.73 -6.11	27.32 0.71 -6.42	33.25 0.68 -13.10	36.65 0.67 -15.82	40.40 0.72 -18.57	35.55 0.83 -10.33	37.82 0.95 -8.86	34.55 0.92 -6.42	34.76 0.94 -6.30	34.82 0.89 -7.80	34.01 0.88 -7.37	33.47 1.10 -3.54	36.95 1.29 -1.74	41.41 1.25 -6.34	43.93 1.65 -0.11	49.95 1.83 0.00	44.92 1.60 0.00	37.23 1.29 0.00	32.96 1.11 0.00	31.38 1.03 0.00

MID___OSWEGATCHIE_HYD 23849	23.42 -0.69 -0.18	20.82 -0.62 -0.21	23.53 -0.61 -2.30	22.27 -0.60 -2.88	23.08 -0.62 -2.94	21.77 -0.63 -2.19	21.14 -0.64 -2.31	22.71 -0.60 -3.15	23.79 -0.65 -3.34	27.10 -0.76 -3.46	30.92 -0.87 -3.79	29.90 -0.92 -3.62	30.21 -0.96 -3.65	28.80 -0.89 -3.56	28.40 -0.88 -3.51	31.52 -1.01 -3.69	36.98 -1.09 -4.15	37.02 -1.05 -4.25	45.84 -1.27 -4.92	51.86 -1.11 -4.84	42.40 -0.91 0.00	35.04 -0.90 0.00	31.02 -0.83 0.00	29.46 -0.88 0.00
MID___RAQUETTE_HYD 23851	23.51 -0.53 -0.10	20.88 -0.47 -0.11	24.66 -0.46 -3.27	23.60 -0.46 -4.06	24.44 -0.48 -4.16	22.79 -0.46 -3.05	22.06 -0.47 -3.06	23.96 -0.42 -4.22	25.10 -0.44 -4.43	28.77 -0.44 -4.82	32.81 -0.53 -5.34	31.73 -0.63 -5.16	32.04 -0.69 -5.20	30.61 -0.55 -5.03	30.19 -0.54 -4.97	33.47 -0.69 -5.33	39.25 -0.71 -6.05	39.09 -0.81 -6.08	48.31 -1.10 -7.22	54.27 -0.96 -7.10	42.58 -0.74 0.00	35.18 -0.75 0.00	31.24 -0.61 0.00	29.68 -0.67 0.00
MILLIKEN___1 23584	26.57 -0.19 -2.83	24.32 -0.17 -3.26	23.43 -0.20 -1.78	20.96 -0.18 -1.14	23.24 -0.19 -2.67	21.43 -0.16 -1.38	21.66 -0.18 -2.37	23.41 -0.16 -3.41	29.17 -0.17 -8.23	28.70 -0.24 -4.55	31.68 -0.22 -3.90	29.76 -0.24 -2.81	30.78 -0.19 -3.46	29.43 -0.24 -3.54	28.88 -0.23 -3.35	30.57 -0.26 -1.99	34.48 -0.27 -0.83	36.53 -0.17 -2.88	42.14 -0.08 -0.04	48.17 0.05 0.00	43.31 0.00 0.00	36.04 0.11 0.00	31.88 0.03 0.00	30.34 0.00 0.00
MILLIKEN___2 23585	26.57 -0.19 -2.83	24.32 -0.17 -3.26	23.43 -0.20 -1.78	20.96 -0.18 -1.14	23.24 -0.19 -2.67	21.43 -0.16 -1.38	21.66 -0.18 -2.37	23.41 -0.16 -3.41	29.17 -0.17 -8.23	28.70 -0.24 -4.55	31.68 -0.22 -3.90	29.76 -0.24 -2.81	30.78 -0.19 -3.46	29.43 -0.24 -3.54	28.88 -0.23 -3.35	30.57 -0.26 -1.99	34.48 -0.27 -0.83	36.53 -0.17 -2.88	42.14 -0.08 -0.04	48.17 0.05 0.00	43.31 0.00 0.00	36.04 0.11 0.00	31.88 0.03 0.00	30.34 0.00 0.00
MILLIKEN___DIESEL 23629	26.57 -0.19 -2.83	24.32 -0.17 -3.26	23.43 -0.20 -1.78	20.96 -0.18 -1.14	23.24 -0.19 -2.67	21.43 -0.16 -1.38	21.66 -0.18 -2.37	23.41 -0.16 -3.41	29.17 -0.17 -8.23	28.70 -0.24 -4.55	31.68 -0.22 -3.90	29.76 -0.24 -2.81	30.78 -0.19 -3.46	29.43 -0.24 -3.54	28.88 -0.23 -3.35	30.57 -0.26 -1.99	34.48 -0.27 -0.83	36.53 -0.17 -2.88	42.14 -0.08 -0.04	48.17 0.05 0.00	43.31 0.00 0.00	36.04 0.11 0.00	31.88 0.03 0.00	30.34 0.00 0.00
MILLSEAT___LFGE 323607	22.46 -1.92 -0.44	20.05 -1.70 -0.51	20.43 -1.70 -0.29	19.26 -1.60 -0.86	19.50 -1.68 -0.42	19.42 -1.60 -0.82	19.72 -1.54 -1.79	20.34 -1.83 -2.02	20.50 -1.86 -1.25	22.78 -2.32 -0.70	25.78 -2.83 -0.60	24.92 -2.72 -0.44	24.90 -2.64 -0.02	23.99 -2.65 -0.50	23.59 -2.65 -0.47	25.71 -3.14 -0.01	30.42 -3.60 -0.10	30.87 -3.35 -0.41	38.22 -3.97 -0.01	43.89 -4.24 0.00	39.24 -4.07 0.00	33.06 -2.88 0.00	29.56 -2.29 0.00	28.04 -2.31 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.49 1.22 -5.33	28.45 1.08 -6.14	26.33 1.09 -3.39	26.20 1.00 -5.20	26.83 1.04 -5.03	26.53 1.05 -5.28	31.25 0.99 -10.78	34.26 1.07 -13.03	37.50 1.10 -15.29	34.19 1.29 -8.50	36.82 1.51 -7.30	34.01 1.52 -5.29	34.22 1.51 -5.19	33.96 1.41 -6.42	33.23 1.39 -6.07	33.42 1.67 -2.92	37.32 1.97 -1.43	41.00 1.96 -5.22	44.72 2.45 -0.09	50.67 2.55 0.00	45.61 2.30 0.00	37.77 1.83 0.00	33.31 1.47 0.00	31.65 1.30 0.00
MILLWOOD_13_KV_LOAD 356217	30.53 1.27 -5.33	28.50 1.13 -6.14	26.37 1.14 -3.39	26.24 1.04 -5.20	26.87 1.08 -5.03	26.57 1.09 -5.28	31.29 1.03 -10.78	34.30 1.11 -13.03	37.54 1.14 -15.29	34.24 1.34 -8.50	36.87 1.57 -7.30	34.06 1.58 -5.29	34.28 1.57 -5.19	34.02 1.46 -6.42	33.28 1.44 -6.07	33.51 1.76 -2.92	37.42 2.07 -1.43	41.10 2.06 -5.22	44.84 2.57 -0.09	50.82 2.69 0.00	45.74 2.43 0.00	37.88 1.94 0.00	33.38 1.53 0.00	31.71 1.37 0.00
MODEL_CITY_ENERGY 24167	21.75 -2.63 -0.44	19.39 -2.36 -0.51	19.75 -2.38 -0.29	18.70 -2.20 -0.90	18.86 -2.32 -0.42	18.85 -2.20 -0.85	19.23 -2.12 -1.88	19.79 -2.48 -2.11	19.82 -2.53 -1.24	21.97 -3.12 -0.70	24.80 -3.81 -0.60	24.00 -3.64 -0.44	23.90 -3.58 0.04	23.10 -3.53 -0.50	22.73 -3.50 -0.47	24.72 -4.09 0.02	29.17 -4.85 -0.10	29.65 -4.57 -0.40	36.58 -5.61 -0.01	41.87 -6.26 0.00	37.38 -5.93 0.00	31.66 -4.28 0.00	28.38 -3.47 0.00	26.97 -3.37 0.00
MODERN_LFGE___ 323580	21.75 -2.63 -0.44	19.39 -2.36 -0.51	19.75 -2.38 -0.29	18.70 -2.20 -0.90	18.86 -2.32 -0.42	18.85 -2.20 -0.85	19.23 -2.12 -1.88	19.79 -2.48 -2.11	19.82 -2.53 -1.24	21.97 -3.12 -0.70	24.80 -3.81 -0.60	24.00 -3.64 -0.44	23.90 -3.58 0.04	23.10 -3.53 -0.50	22.73 -3.50 -0.47	24.72 -4.09 0.02	29.17 -4.85 -0.10	29.65 -4.57 -0.40	36.58 -5.61 -0.01	41.87 -6.26 0.00	37.38 -5.93 0.00	31.66 -4.28 0.00	28.38 -3.47 0.00	26.97 -3.37 0.00
MOHAWK_PAPER___DRP 24187	31.55 1.01 -6.61	29.74 0.89 -7.62	26.97 0.92 -4.21	27.27 0.82 -6.45	27.85 0.85 -6.24	27.58 0.83 -6.55	33.65 0.80 -13.38	37.14 0.81 -16.17	40.95 0.87 -18.98	35.95 1.00 -10.55	38.21 1.15 -9.06	34.90 1.14 -6.56	35.12 1.16 -6.44	35.20 1.10 -7.97	34.38 1.08 -7.53	33.78 1.33 -3.62	37.26 1.56 -1.78	41.81 1.52 -6.48	44.23 1.94 -0.11	50.29 2.17 0.00	45.18 1.86 0.00	37.41 1.47 0.00	33.15 1.31 0.00	31.53 1.18 0.00
MOHICAN___35_KV_115KV_LD 80490	32.10 1.39 -6.78	30.25 1.21 -7.81	27.39 1.22 -4.32	27.71 1.10 -6.61	28.30 1.14 -6.40	28.03 1.11 -6.72	34.30 1.11 -13.72	37.83 1.09 -16.57	41.75 1.18 -19.46	36.65 1.44 -10.82	39.00 1.71 -9.28	35.61 1.69 -6.73	35.88 1.76 -6.60	35.95 1.65 -8.17	35.11 1.62 -7.72	34.48 1.93 -3.71	37.98 2.24 -1.82	42.69 2.23 -6.64	45.20 2.91 -0.11	51.54 3.42 0.00	46.22 2.90 0.00	38.16 2.23 0.00	33.73 1.88 0.00	32.04 1.70 0.00
MONGAUP___HYD 23641	29.88 1.05 -4.89	27.78 0.91 -5.64	25.90 0.94 -3.12	25.63 0.86 -4.77	26.31 0.94 -4.62	26.02 0.97 -4.85	30.27 0.90 -9.90	33.05 0.93 -11.96	36.04 0.89 -14.05	33.18 0.98 -7.81	35.83 1.12 -6.70	33.20 1.14 -4.86	33.44 1.16 -4.77	33.05 1.02 -5.90	32.37 1.03 -5.57	32.73 1.21 -2.68	36.73 1.49 -1.32	39.93 1.32 -4.79	43.95 1.69 -0.08	50.10 1.97 0.00	45.13 1.82 0.00	37.30 1.37 0.00	33.06 1.21 0.00	31.38 1.03 0.00
MONTAUK___DIESEL 23721	30.88 1.53 -5.41	28.55 1.08 -6.23	26.38 1.09 -3.44	26.13 0.86 -5.28	26.70 0.83 -5.10	26.49 0.93 -5.36	31.41 0.99 -10.95	35.10 1.71 -13.22	38.45 1.82 -15.52	34.73 1.71 -8.63	36.59 1.18 -7.41	33.55 0.98 -5.37	33.67 0.88 -5.27	33.48 0.84 -6.52	32.75 0.82 -6.16	32.95 1.15 -2.96	36.76 1.39 -1.45	40.87 1.76 -5.30	44.42 2.15 -0.09	49.95 1.83 0.00	44.83 1.52 0.00	37.52 1.58 0.00	32.77 0.92 0.00	31.44 1.09 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.09 -3.28 -0.43	18.76 -2.97 -0.50	19.11 -3.01 -0.28	18.25 -2.78 -1.03	18.31 -2.87 -0.41	18.38 -2.79 -0.96	19.06 -2.55 -2.14	19.84 -2.70 -2.38	19.49 -2.83 -1.21	21.78 -3.29 -0.68	24.92 -3.67 -0.59	24.07 -3.56 -0.43	24.08 -3.52 -0.08	23.24 -3.37 -0.48	23.10 -3.12 -0.45	25.70 -3.17 -0.03	30.21 -3.80 -0.09	30.38 -3.82 -0.38	37.63 -4.56 -0.01	43.22 -4.91 0.00	38.90 -4.42 0.00	32.92 -3.02 0.00	29.24 -2.61 0.00	27.82 -2.52 0.00

MORRIS_RIDGE___SOLAR 323848	21.78 -2.42 -0.26	19.37 -2.17 -0.30	19.80 -2.23 -0.18	19.15 -2.02 -1.17	18.89 -2.12 -0.25	19.20 -2.06 -1.06	19.91 -1.99 -2.42	20.62 -2.16 -2.62	19.55 -2.26 -0.70	22.14 -2.66 -0.40	25.19 -3.16 -0.35	24.33 -3.13 -0.26	21.65 -3.16 2.71	23.42 -2.95 -0.25	23.11 -2.89 -0.23	24.18 -3.26 1.40	30.18 -3.77 -0.03	30.39 -3.62 -0.19	37.93 -4.26 -0.01	43.70 -4.43 0.00	39.15 -4.16 0.00	33.06 -2.88 0.00	29.49 -2.36 0.00	28.16 -2.19 0.00
MORTIMER_115KV_TB3 55949	23.09 -1.29 -0.45	20.61 -1.15 -0.52	20.98 -1.16 -0.29	19.68 -1.08 -0.76	20.03 -1.16 -0.43	19.84 -1.09 -0.73	20.04 -1.01 -1.58	20.79 -1.17 -1.80	21.10 -1.29 -1.27	23.50 -1.61 -0.71	26.63 -1.99 -0.61	25.80 -1.85 -0.45	26.08 -1.76 -0.32	24.79 -1.86 -0.52	24.43 -1.83 -0.49	26.79 -2.22 -0.17	31.41 -2.61 -0.11	31.77 -2.47 -0.42	39.32 -2.87 -0.01	44.95 -3.18 0.00	40.37 -2.95 0.00	33.85 -2.08 0.00	30.07 -1.78 0.00	28.55 -1.79 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.76 1.41 -5.41	28.72 1.25 -6.23	26.58 1.29 -3.45	26.43 1.16 -5.28	27.07 1.20 -5.10	26.80 1.23 -5.36	31.55 1.13 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.49 1.46 -8.63	37.15 1.74 -7.41	34.34 1.77 -5.37	34.52 1.73 -5.27	34.27 1.62 -6.52	33.53 1.60 -6.16	33.73 1.93 -2.96	37.65 2.27 -1.46	41.41 2.30 -5.30	45.14 2.87 -0.09	51.11 2.98 0.00	46.04 2.73 0.00	38.09 2.16 0.00	33.57 1.72 0.00	31.89 1.55 0.00
MUNSVILLE_WIND_PWR 323609	26.78 0.29 -2.56	24.39 0.21 -2.95	23.73 0.26 -1.62	21.90 0.22 -1.69	23.40 0.23 -2.41	22.23 0.20 -1.83	23.07 0.10 -3.50	24.82 0.16 -4.50	28.74 0.23 -7.40	28.62 0.12 -4.10	31.80 0.28 -3.52	29.90 0.16 -2.54	30.63 0.25 -2.87	29.49 0.21 -3.15	28.92 0.18 -2.98	30.79 0.32 -1.63	35.05 0.41 -0.72	36.99 0.61 -2.56	43.19 0.97 -0.04	49.85 1.73 0.00	44.96 1.65 0.00	37.45 1.51 0.00	33.06 1.21 0.00	31.38 1.03 0.00
N SALMON___HYD 24042	23.39 -0.55 0.00	20.79 -0.45 0.00	35.09 -0.50 -13.75	36.52 -0.48 -17.00	37.69 -0.50 -17.43	32.39 -0.49 -12.67	31.25 -0.47 -12.25	36.87 -0.36 -17.07	38.49 -0.40 -17.78	44.06 -0.32 -19.98	49.88 -0.42 -22.30	48.38 -0.52 -21.70	48.84 -0.58 -21.90	46.74 -0.44 -21.06	46.14 -0.44 -20.81	50.90 -0.55 -22.61	59.12 -0.61 -25.81	58.73 -0.74 -25.66	72.12 -1.01 -30.95	77.71 -0.86 -30.45	42.88 -0.43 0.00	35.40 -0.54 0.00	31.43 -0.41 0.00	29.83 -0.52 0.00
N.AKRON__115KV_KNAPP 355671	22.39 -1.99 -0.44	19.98 -1.76 -0.51	20.36 -1.77 -0.29	19.21 -1.66 -0.87	19.44 -1.74 -0.42	19.37 -1.66 -0.83	19.74 -1.54 -1.81	20.40 -1.79 -2.04	20.43 -1.92 -1.24	22.70 -2.39 -0.70	25.67 -2.94 -0.60	24.89 -2.75 -0.44	24.85 -2.67 0.00	23.89 -2.74 -0.50	23.58 -2.65 -0.47	25.78 -3.06 0.00	30.39 -3.63 -0.10	30.74 -3.48 -0.40	38.14 -4.05 -0.01	43.70 -4.43 0.00	39.24 -4.07 0.00	33.10 -2.84 0.00	29.43 -2.42 0.00	27.92 -2.43 0.00
N.BELMOR_69_KV_BK1 55787	30.97 1.63 -5.41	28.84 1.38 -6.23	26.69 1.40 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.60 1.19 -10.95	34.88 1.49 -13.22	38.13 1.50 -15.52	34.68 1.66 -8.63	37.32 1.90 -7.41	34.47 1.90 -5.37	34.69 1.90 -5.27	34.45 1.80 -6.52	33.70 1.78 -6.16	33.96 2.16 -2.96	37.99 2.61 -1.45	41.85 2.74 -5.30	45.65 3.37 -0.09	51.49 3.37 0.00	46.35 3.03 0.00	38.49 2.55 0.00	33.79 1.94 0.00	32.04 1.70 0.00
N.E_GEN_SANDY PD 24062	31.13 1.13 -6.07	29.25 1.02 -6.99	26.76 1.05 -3.87	26.84 0.92 -5.92	27.45 0.96 -5.73	27.17 0.95 -6.02	32.01 0.95 -11.59	36.68 0.97 -15.55	39.71 1.05 -17.55	36.00 1.17 -10.44	36.89 1.32 -7.57	34.48 1.25 -6.02	34.70 1.27 -5.91	34.65 1.20 -7.32	33.87 1.19 -6.92	33.63 1.47 -3.32	37.25 1.70 -1.63	41.45 1.69 -5.95	44.39 2.11 -0.10	50.39 2.26 0.00	45.31 1.99 0.00	37.52 1.58 0.00	33.19 1.34 0.00	31.59 1.24 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.27 1.15 -5.18	28.22 1.02 -5.97	26.17 1.03 -3.30	25.97 0.92 -5.06	26.63 0.98 -4.89	26.33 0.99 -5.14	30.90 0.93 -10.49	33.84 1.01 -12.67	37.02 1.03 -14.88	33.88 1.22 -8.27	36.53 1.43 -7.10	33.78 1.44 -5.14	34.00 1.43 -5.05	33.71 1.33 -6.25	32.96 1.29 -5.90	33.23 1.56 -2.84	37.11 1.80 -1.39	40.69 1.79 -5.08	44.50 2.24 -0.09	50.48 2.36 0.00	45.44 2.12 0.00	37.63 1.69 0.00	33.15 1.31 0.00	31.50 1.15 0.00
N.QUEENS_27_KV_LOAD 356247	30.84 1.48 -5.42	28.87 1.40 -6.24	26.72 1.42 -3.45	26.58 1.30 -5.28	27.22 1.35 -5.11	26.93 1.35 -5.37	31.64 1.21 -10.96	34.61 1.23 -13.22	37.92 1.29 -15.53	34.56 1.54 -8.63	37.23 1.82 -7.40	34.41 1.85 -5.36	34.60 1.82 -5.26	34.34 1.70 -6.51	33.59 1.67 -6.15	33.78 1.99 -2.95	37.74 2.37 -1.45	41.51 2.40 -5.29	45.26 2.99 -0.08	51.15 3.03 0.01	46.12 2.82 0.01	38.12 2.19 0.01	33.61 1.75 -0.01	31.98 1.64 0.00
N.TROY___115KV_TB1 355778	31.62 1.03 -6.66	29.81 0.91 -7.66	27.02 0.94 -4.24	27.33 0.84 -6.49	27.89 0.85 -6.28	27.65 0.85 -6.60	33.78 0.84 -13.47	37.28 0.85 -16.27	41.14 0.93 -19.10	36.09 1.07 -10.62	38.32 1.20 -9.11	34.95 1.14 -6.60	35.18 1.18 -6.48	35.27 1.12 -8.02	34.45 1.11 -7.58	33.83 1.36 -3.64	37.30 1.59 -1.79	41.89 1.56 -6.52	44.27 1.98 -0.11	50.34 2.21 0.00	45.22 1.91 0.00	37.45 1.51 0.00	33.15 1.31 0.00	31.56 1.21 0.00
NARROWS_GT1_1 24228	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT1_2 24229	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT1_3 24230	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT1_4 24231	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58

NARROWS_GT1_5 24232	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT1_6 24233	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT1_7 24234	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT1_8 24235	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT2_1 24236	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT2_2 24237	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT2_3 24238	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT2_4 24239	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT2_5 24240	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT2_6 24241	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT2_7 24242	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NARROWS_GT2_8 24243	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.19 0.98 -6.27	29.30 0.85 -7.22	26.69 0.85 -3.99	26.89 0.78 -6.11	27.47 0.79 -5.92	27.22 0.81 -6.21	32.94 0.78 -12.69	36.26 0.77 -15.33	39.86 0.76 -17.99	35.28 0.88 -10.01	37.57 0.98 -8.59	34.37 0.95 -6.22	34.62 0.99 -6.11	34.57 0.89 -7.56	33.81 0.90 -7.14	33.39 1.12 -3.43	37.03 1.42 -1.69	41.34 1.39 -6.14	44.69 2.40 -0.10	51.01 2.89 0.00	45.78 2.47 0.00	37.84 1.90 0.00	33.54 1.69 0.00	31.86 1.52 0.00
NCHELSEA_115KV_TR2 355582	30.61 1.29 -5.38	28.58 1.15 -6.20	26.43 1.16 -3.43	26.31 1.06 -5.25	26.94 1.10 -5.08	26.67 1.13 -5.34	31.42 1.05 -10.89	34.43 1.11 -13.16	37.70 1.14 -15.45	34.32 1.34 -8.59	36.94 1.57 -7.37	34.12 1.58 -5.34	34.36 1.60 -5.24	34.11 1.49 -6.49	33.37 1.47 -6.13	33.54 1.76 -2.94	37.44 2.07 -1.45	41.12 2.03 -5.27	44.80 2.53 -0.09	50.92 2.79 0.00	45.78 2.47 0.00	37.84 1.90 0.00	33.41 1.56 0.00	31.71 1.37 0.00
NEG CAPITAL___MECHNVIL 23645	31.89 1.22 -6.74	30.07 1.08 -7.76	27.23 1.09 -4.29	27.55 0.98 -6.57	28.13 1.02 -6.36	27.87 0.99 -6.68	34.10 0.99 -13.63	37.62 0.99 -16.47	41.50 1.06 -19.33	36.41 1.27 -10.75	38.71 1.48 -9.23	35.35 1.47 -6.68	35.59 1.51 -6.56	35.66 1.41 -8.12	34.85 1.42 -7.67	34.19 1.67 -3.69	37.70 1.97 -1.81	42.37 1.96 -6.60	44.82 2.53 -0.11	50.96 2.84 0.00	45.78 2.47 0.00	37.88 1.94 0.00	33.47 1.62 0.00	31.83 1.49 0.00

NEG CENTRAL_HIGH_ACRES 23767	22.95 -1.51 -0.52	20.49 -1.34 -0.60	20.82 -1.35 -0.33	19.47 -1.26 -0.74	19.92 -1.33 -0.49	19.65 -1.27 -0.72	19.77 -1.23 -1.53	20.56 -1.37 -1.77	21.17 -1.41 -1.47	23.51 -1.71 -0.82	26.67 -2.04 -0.71	25.78 -1.93 -0.52	26.07 -1.87 -0.42	24.83 -1.91 -0.61	24.43 -1.91 -0.57	26.73 -2.33 -0.23	31.40 -2.65 -0.13	31.81 -2.50 -0.49	39.15 -3.04 -0.01	44.80 -3.32 0.00	40.15 -3.16 0.00	33.56 -2.37 0.00	29.87 -1.97 0.00	28.40 -1.94 0.00
NEG CENTRAL___DRP 24199	23.64 -0.74 -0.45	21.09 -0.66 -0.52	21.44 -0.70 -0.29	20.15 -0.64 -0.79	20.52 -0.66 -0.42	20.31 -0.65 -0.75	20.50 -0.60 -1.64	21.38 -0.65 -1.86	21.70 -0.68 -1.26	24.30 -0.80 -0.71	27.69 -0.92 -0.61	26.77 -0.87 -0.44	27.11 -0.83 -0.42	25.78 -0.86 -0.51	25.40 -0.85 -0.48	28.07 -0.98 -0.22	32.90 -1.12 -0.10	33.18 -1.05 -0.41	41.05 -1.14 -0.01	46.97 -1.15 0.00	42.19 -1.13 0.00	35.18 -0.75 0.00	31.15 -0.70 0.00	29.68 -0.67 0.00
NEG CENTRAL___INDECK 23768	22.91 -1.25 -0.22	20.36 -1.13 -0.26	20.86 -1.14 -0.15	19.98 -1.04 -1.02	19.85 -1.12 -0.21	20.05 -1.07 -0.92	20.53 -1.05 -2.11	21.19 -1.25 -2.28	20.33 -1.37 -0.59	22.98 -1.76 -0.34	26.09 -2.21 -0.30	25.22 -2.20 -0.22	26.52 -2.20 -1.20	24.14 -2.19 -0.21	23.85 -2.11 -0.20	26.90 -2.51 -0.57	31.23 -2.71 -0.02	31.55 -2.44 -0.16	39.66 -2.53 -0.01	45.96 -2.16 0.00	41.28 -2.04 0.00	34.61 -1.33 0.00	30.83 -1.02 0.00	29.28 -1.06 0.00
NEG CENTRAL___SENECA 23627	23.25 -0.89 -0.20	20.66 -0.81 -0.24	21.15 -0.83 -0.14	20.10 -0.76 -0.87	20.15 -0.81 -0.19	20.22 -0.77 -0.79	20.55 -0.72 -1.79	21.34 -0.77 -1.94	20.83 -0.82 -0.54	23.71 -1.00 -0.31	27.13 -1.15 -0.27	26.32 -1.09 -0.20	26.61 -1.05 -0.14	25.25 -1.07 -0.19	24.89 -1.06 -0.18	27.67 -1.21 -0.04	32.59 -1.36 -0.03	32.72 -1.25 -0.15	40.79 -1.39 0.00	46.78 -1.35 0.00	42.01 -1.30 0.00	35.07 -0.86 0.00	31.05 -0.80 0.00	29.55 -0.79 0.00
NEG CENTRAL___STATE_STREET 24147	24.42 -0.50 -0.98	21.92 -0.45 -1.13	21.99 -0.48 -0.62	20.33 -0.44 -0.77	21.23 -0.46 -0.93	20.57 -0.44 -0.81	20.66 -0.41 -1.60	21.71 -0.44 -1.99	23.52 -0.42 -2.83	25.48 -0.49 -1.57	28.82 -0.53 -1.35	27.69 -0.49 -0.97	28.11 -0.44 -1.03	26.83 -0.50 -1.20	26.41 -0.49 -1.13	28.84 -0.58 -0.58	33.55 -0.64 -0.27	34.18 -0.61 -0.98	41.56 -0.63 -0.02	47.50 -0.63 0.00	42.66 -0.65 0.00	35.47 -0.47 0.00	31.40 -0.45 0.00	29.92 -0.42 0.00
NEG MILLWOOD___DRP 24198	30.81 1.44 -5.44	28.77 1.27 -6.26	26.57 1.27 -3.46	26.46 1.16 -5.30	27.12 1.22 -5.13	26.82 1.23 -5.39	31.62 1.15 -11.01	34.69 1.23 -13.30	37.98 1.27 -15.61	34.58 1.51 -8.68	37.27 1.82 -7.45	34.39 1.80 -5.40	34.63 1.82 -5.30	34.36 1.67 -6.55	33.63 1.67 -6.19	33.80 1.99 -2.97	37.76 2.37 -1.46	41.51 2.37 -5.33	45.18 2.91 -0.09	51.30 3.18 0.00	46.17 2.86 0.00	38.13 2.19 0.00	33.66 1.82 0.00	31.92 1.58 0.00
NEG NORTH_FLCN_SEA 23793	23.05 -0.89 0.00	20.49 -0.74 0.00	0.07 -0.83 20.95	-6.66 -0.76 25.90	-6.61 -0.81 26.56	0.06 -0.83 19.31	0.01 -0.80 18.66	-6.60 -0.75 26.02	-6.67 -0.68 27.10	-6.66 -0.61 30.45	-6.67 -0.70 33.98	-6.65 -0.79 33.06	-6.68 -0.83 33.37	-6.67 -0.71 32.09	-6.67 -0.72 31.71	-6.60 -0.98 34.46	-6.46 -1.05 39.33	-6.47 -1.18 39.10	-6.46 -1.48 47.17	0.04 -1.68 46.40	42.40 -0.91 0.00	35.07 -0.86 0.00	31.15 -0.70 0.00	29.49 -0.85 0.00
NEG NORTH_KES_CHATEGAY 23792	23.19 -0.74 0.00	20.60 -0.64 0.00	-0.98 -0.70 22.13	-8.00 -0.64 27.36	-7.98 -0.69 28.06	-0.86 -0.67 20.40	-0.88 -0.64 19.71	-7.92 -0.60 27.48	-8.17 -0.65 28.62	-8.42 -0.66 32.16	-8.69 -0.81 35.89	-8.59 -0.87 34.92	-8.66 -0.94 35.25	-8.55 -0.78 33.89	-8.50 -0.77 33.50	-8.51 -0.95 36.40	-8.68 -1.05 41.54	-8.60 -1.12 41.30	-9.11 -1.48 49.82	-2.38 -1.49 49.01	42.40 -0.91 0.00	35.07 -0.86 0.00	31.18 -0.67 0.00	29.55 -0.79 0.00
NEG NORTH___ALICE_FALLS 23915	23.15 -0.79 0.00	20.57 -0.66 0.00	0.01 -0.70 21.14	-6.76 -0.62 26.13	-6.70 -0.66 26.80	0.01 -0.71 19.48	0.00 -0.64 18.83	-6.67 -0.58 26.25	-6.76 -0.53 27.34	-6.76 -0.44 30.72	-6.78 -0.50 34.28	-6.79 -0.63 33.36	-6.81 -0.66 33.67	-6.77 -0.52 32.38	-6.77 -0.54 32.00	-6.71 -0.78 34.77	-6.54 -0.78 39.68	-6.58 -0.95 39.45	-6.59 -1.18 47.59	0.01 -1.30 46.82	42.62 -0.69 0.00	35.25 -0.68 0.00	31.31 -0.54 0.00	29.62 -0.73 0.00
NEG NORTH___LWR_SARANAC 23913	23.15 -0.79 0.00	20.57 -0.66 0.00	0.01 -0.70 21.14	-6.76 -0.62 26.13	-6.70 -0.66 26.80	0.01 -0.71 19.48	0.00 -0.64 18.83	-6.67 -0.58 26.25	-6.76 -0.53 27.34	-6.76 -0.44 30.72	-6.78 -0.50 34.28	-6.79 -0.63 33.36	-6.81 -0.66 33.67	-6.77 -0.52 32.38	-6.77 -0.54 32.00	-6.71 -0.78 34.77	-6.54 -0.78 39.68	-6.58 -0.95 39.45	-6.59 -1.18 47.59	0.01 -1.30 46.82	42.62 -0.69 0.00	35.25 -0.68 0.00	31.31 -0.54 0.00	29.62 -0.73 0.00
NEG NORTH___PLATTSBURG 23628	23.15 -0.79 0.00	20.60 -0.64 0.00	0.01 -0.70 21.14	-6.76 -0.62 26.13	-6.70 -0.67 26.80	0.01 -0.71 19.48	0.00 -0.64 18.83	-6.65 -0.56 26.25	-6.76 -0.53 27.34	-6.76 -0.44 30.72	-6.78 -0.50 34.28	-6.76 -0.60 33.36	-6.78 -0.63 33.67	-6.77 -0.52 32.38	-6.77 -0.54 32.00	-6.65 -0.72 34.77	-6.54 -0.78 39.68	-6.58 -0.95 39.45	-6.54 -1.14 47.59	0.01 -1.30 46.82	42.66 -0.65 0.00	35.25 -0.68 0.00	31.31 -0.54 0.00	29.65 -0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	21.91 -2.47 -0.44	19.55 -2.19 -0.50	19.92 -2.21 -0.29	18.84 -2.06 -0.90	19.00 -2.18 -0.41	18.99 -2.06 -0.85	19.43 -1.91 -1.87	20.04 -2.22 -2.10	19.95 -2.39 -1.23	22.13 -2.95 -0.69	25.01 -3.58 -0.59	24.26 -3.37 -0.43	24.12 -3.27 0.13	23.28 -3.34 -0.49	23.01 -3.22 -0.46	25.08 -3.69 0.07	29.54 -4.48 -0.10	29.92 -4.29 -0.40	37.09 -5.10 -0.01	42.35 -5.77 0.00	38.03 -5.28 0.00	32.20 -3.74 0.00	28.66 -3.18 0.00	27.25 -3.10 0.00
NEG WEST___LANCASTER 23811	21.45 -2.94 -0.46	19.10 -2.65 -0.52	19.48 -2.67 -0.30	18.54 -2.48 -1.02	18.66 -2.53 -0.43	18.65 -2.51 -0.96	19.29 -2.30 -2.12	20.05 -2.48 -2.36	19.84 -2.53 -1.27	22.33 -2.78 -0.71	25.79 -2.83 -0.62	24.96 -2.69 -0.45	24.91 -2.67 -0.06	24.26 -2.38 -0.50	23.95 -2.29 -0.48	26.75 -2.11 -0.02	31.40 -2.61 -0.10	31.35 -2.87 -0.41	38.48 -3.71 -0.01	44.03 -4.09 0.00	39.54 -3.77 0.00	33.38 -2.55 0.00	29.68 -2.17 0.00	28.22 -2.12 0.00
NEG_PENN_ALLEGHNY 23528	24.91 -0.55 -1.53	22.51 -0.49 -1.76	22.32 -0.50 -0.98	21.29 -0.46 -1.75	21.73 -0.48 -1.44	21.48 -0.46 -1.74	22.66 -0.45 -3.63	24.00 -0.46 -4.30	25.02 -0.46 -4.37	26.29 -0.54 -2.43	29.54 -0.56 -2.09	28.17 -0.54 -1.52	28.39 -0.52 -1.39	27.43 -0.52 -1.82	26.97 -0.52 -1.72	29.06 -0.55 -0.77	33.67 -0.65 -0.40	34.65 -0.64 -1.48	41.45 -0.76 -0.03	47.35 -0.77 0.00	42.53 -0.78 0.00	35.43 -0.50 0.00	31.40 -0.45 0.00	29.89 -0.45 0.00
NEG___GEN_MONROE 24207	23.00 -1.39 -0.45	20.54 -1.21 -0.52	20.91 -1.22 -0.29	19.64 -1.12 -0.77	20.00 -1.18 -0.43	19.82 -1.11 -0.73	20.03 -1.03 -1.59	20.74 -1.23 -1.81	20.99 -1.39 -1.27	23.30 -1.81 -0.71	26.38 -2.24 -0.61	25.55 -2.09 -0.45	25.73 -2.04 -0.25	24.53 -2.12 -0.52	24.17 -2.09 -0.49	26.46 -2.51 -0.13	31.07 -2.95 -0.11	31.50 -2.74 -0.42	39.03 -3.16 -0.01	44.71 -3.42 0.00	40.19 -3.12 0.00	33.74 -2.19 0.00	30.00 -1.85 0.00	28.52 -1.82 0.00

NEPA___ENERGY 23901	22.03 -2.37 -0.47	19.65 -2.12 -0.54	20.01 -2.14 -0.30	19.06 -1.98 -1.04	19.15 -2.06 -0.44	19.20 -1.98 -0.98	19.84 -1.79 -2.16	20.65 -1.92 -2.41	20.36 -2.05 -1.30	22.71 -2.41 -0.73	25.89 -2.74 -0.63	25.05 -2.61 -0.46	24.97 -2.61 -0.07	24.11 -2.53 -0.52	23.80 -2.45 -0.49	26.24 -2.62 -0.03	30.83 -3.19 -0.10	31.05 -3.18 -0.42	38.35 -3.84 -0.01	43.89 -4.23 0.00	39.41 -3.90 0.00	33.31 -2.62 0.00	29.59 -2.26 0.00	28.13 -2.22 0.00
NEVERSINK___HYD 23608	29.77 0.96 -4.88	27.68 0.83 -5.62	25.80 0.85 -3.11	25.53 0.78 -4.76	26.19 0.83 -4.60	25.90 0.87 -4.83	30.14 0.80 -9.87	32.93 0.85 -11.92	35.95 0.85 -14.00	33.13 0.95 -7.78	35.81 1.12 -6.68	33.15 1.12 -4.84	33.40 1.13 -4.75	33.03 1.02 -5.88	32.35 1.03 -5.55	32.72 1.21 -2.67	36.66 1.42 -1.31	39.98 1.39 -4.78	44.03 1.77 -0.08	50.19 2.07 0.00	45.17 1.86 0.00	37.34 1.40 0.00	32.90 1.05 0.00	31.22 0.88 0.00
NEWKRMKL_115KV_TB1 55635	31.52 0.98 -6.61	29.71 0.87 -7.61	26.95 0.90 -4.21	27.26 0.82 -6.44	27.82 0.83 -6.23	27.56 0.81 -6.55	33.62 0.78 -13.37	37.10 0.79 -16.15	40.91 0.84 -18.96	35.93 1.00 -10.54	38.20 1.15 -9.05	34.90 1.14 -6.55	35.11 1.16 -6.43	35.19 1.10 -7.96	34.37 1.08 -7.52	33.78 1.33 -3.61	37.26 1.56 -1.78	41.81 1.52 -6.47	44.23 1.94 -0.11	50.24 2.12 0.00	45.13 1.82 0.00	37.37 1.44 0.00	33.12 1.27 0.00	31.50 1.15 0.00
NEWTON___FALLS_HYD 23847	23.42 -0.69 -0.18	20.82 -0.62 -0.21	23.53 -0.61 -2.30	22.27 -0.60 -2.88	23.08 -0.62 -2.94	21.77 -0.63 -2.19	21.14 -0.64 -2.31	22.71 -0.60 -3.15	23.79 -0.65 -3.34	27.10 -0.76 -3.46	30.92 -0.87 -3.79	29.90 -0.92 -3.62	30.21 -0.96 -3.65	28.80 -0.89 -3.56	28.40 -0.88 -3.51	31.52 -1.01 -3.69	36.98 -1.09 -4.15	37.02 -1.05 -4.25	45.84 -1.27 -4.92	51.86 -1.11 -4.84	42.40 -0.91 0.00	35.04 -0.90 0.00	31.02 -0.83 0.00	29.46 -0.88 0.00
NGRID_A1_DSASP 323792	21.92 -2.46 -0.45	19.56 -2.19 -0.52	19.93 -2.21 -0.29	18.85 -2.06 -0.91	19.03 -2.16 -0.42	19.00 -2.06 -0.86	19.41 -1.95 -1.88	19.96 -2.32 -2.12	19.96 -2.41 -1.25	22.10 -3.00 -0.70	24.91 -3.70 -0.61	24.14 -3.51 -0.44	24.04 -3.44 0.04	23.21 -3.42 -0.50	22.84 -3.40 -0.47	24.78 -4.04 0.02	29.24 -4.78 -0.10	29.76 -4.46 -0.41	36.71 -5.48 -0.01	41.92 -6.21 0.00	37.42 -5.89 0.00	31.73 -4.20 0.00	28.47 -3.38 0.00	27.10 -3.25 0.00
NGRID_A2_DSASP 323793	21.92 -2.46 -0.45	19.56 -2.19 -0.52	19.93 -2.21 -0.29	18.85 -2.06 -0.91	19.03 -2.16 -0.42	19.00 -2.06 -0.86	19.41 -1.95 -1.88	19.96 -2.32 -2.12	19.96 -2.41 -1.25	22.10 -3.00 -0.70	24.91 -3.70 -0.61	24.14 -3.51 -0.44	24.04 -3.44 0.04	23.21 -3.42 -0.50	22.84 -3.40 -0.47	24.78 -4.04 0.02	29.24 -4.78 -0.10	29.76 -4.46 -0.41	36.71 -5.48 -0.01	41.92 -6.21 0.00	37.42 -5.89 0.00	31.73 -4.20 0.00	28.47 -3.38 0.00	27.10 -3.25 0.00
NGRID_A4_DSASP 323807	21.92 -2.46 -0.45	19.56 -2.19 -0.52	19.93 -2.21 -0.29	18.85 -2.06 -0.91	19.03 -2.16 -0.42	19.00 -2.06 -0.86	19.41 -1.95 -1.88	19.96 -2.32 -2.12	19.96 -2.41 -1.25	22.10 -3.00 -0.70	24.91 -3.70 -0.61	24.14 -3.51 -0.44	24.04 -3.44 0.04	23.21 -3.42 -0.50	22.84 -3.40 -0.47	24.78 -4.04 0.02	29.24 -4.78 -0.10	29.76 -4.46 -0.41	36.71 -5.48 -0.01	41.92 -6.21 0.00	37.42 -5.89 0.00	31.73 -4.20 0.00	28.47 -3.38 0.00	27.10 -3.25 0.00
NIAGARA_115E_LBMP 323715	21.63 -2.75 -0.45	19.31 -2.44 -0.51	19.67 -2.47 -0.29	18.61 -2.30 -0.91	18.78 -2.41 -0.42	18.76 -2.30 -0.86	19.16 -2.20 -1.89	19.70 -2.58 -2.12	19.72 -2.64 -1.25	21.85 -3.24 -0.70	24.66 -3.95 -0.60	23.86 -3.78 -0.44	23.77 -3.72 0.04	22.97 -3.66 -0.50	22.61 -3.63 -0.47	24.55 -4.27 0.02	29.00 -5.02 -0.10	29.49 -4.73 -0.40	36.37 -5.82 -0.01	41.58 -6.54 0.00	37.12 -6.20 0.00	31.48 -4.46 0.00	28.22 -3.63 0.00	26.82 -3.52 0.00
NIAGARA_115W_LBMP 323714	21.89 -2.49 -0.45	19.52 -2.23 -0.52	19.89 -2.25 -0.29	18.82 -2.08 -0.91	18.98 -2.20 -0.42	18.98 -2.08 -0.86	19.39 -1.97 -1.88	19.94 -2.34 -2.11	19.94 -2.43 -1.25	22.07 -3.03 -0.70	24.86 -3.75 -0.61	24.08 -3.56 -0.44	23.99 -3.50 0.04	23.16 -3.48 -0.50	22.81 -3.43 -0.47	24.75 -4.07 0.02	29.20 -4.82 -0.10	29.69 -4.53 -0.41	36.62 -5.57 -0.01	41.87 -6.26 0.00	37.38 -5.93 0.00	31.66 -4.28 0.00	28.41 -3.44 0.00	27.04 -3.31 0.00
NIAGARA_230_LBMP 323716	21.97 -2.42 -0.45	19.60 -2.14 -0.52	19.97 -2.16 -0.29	18.88 -2.02 -0.90	19.07 -2.12 -0.42	19.03 -2.02 -0.85	19.43 -1.91 -1.86	20.00 -2.26 -2.10	20.00 -2.36 -1.25	22.17 -2.93 -0.70	25.00 -3.61 -0.61	24.22 -3.43 -0.44	24.12 -3.36 0.04	23.29 -3.34 -0.50	22.92 -3.32 -0.48	24.89 -3.92 0.02	29.37 -4.65 -0.10	29.89 -4.33 -0.41	36.87 -5.32 -0.01	42.11 -6.02 0.00	37.59 -5.72 0.00	31.88 -4.06 0.00	28.57 -3.28 0.00	27.16 -3.19 0.00
NIAGARA___115KV_198_GIBSON 55903	21.89 -2.49 -0.45	19.54 -2.21 -0.52	19.91 -2.23 -0.29	18.83 -2.08 -0.91	18.98 -2.20 -0.42	18.98 -2.08 -0.86	19.46 -1.89 -1.88	20.06 -2.22 -2.11	19.93 -2.43 -1.25	22.07 -3.02 -0.70	24.86 -3.75 -0.61	24.16 -3.48 -0.44	24.07 -3.41 0.04	23.16 -3.48 -0.50	22.89 -3.35 -0.47	24.92 -3.89 0.02	29.27 -4.75 -0.10	29.69 -4.53 -0.41	36.75 -5.44 -0.01	41.87 -6.26 0.00	37.60 -5.72 0.00	31.88 -4.06 0.00	28.41 -3.44 0.00	27.01 -3.34 0.00
NIAGARA___ 23760	21.96 -2.42 -0.45	19.60 -2.14 -0.51	19.97 -2.16 -0.29	18.89 -2.02 -0.91	19.07 -2.12 -0.42	19.04 -2.02 -0.86	19.45 -1.91 -1.88	20.01 -2.26 -2.11	20.00 -2.36 -1.25	22.17 -2.93 -0.70	25.00 -3.61 -0.61	24.22 -3.43 -0.44	24.12 -3.36 0.04	23.29 -3.34 -0.50	22.92 -3.32 -0.47	24.89 -3.92 0.02	29.37 -4.65 -0.10	29.89 -4.33 -0.41	36.87 -5.32 -0.01	42.11 -6.02 0.00	37.59 -5.72 0.00	31.88 -4.06 0.00	28.57 -3.28 0.00	27.16 -3.19 0.00
NINE_MILE_1 23575	23.51 -0.86 -0.44	20.97 -0.76 -0.50	21.34 -0.79 -0.28	19.70 -0.72 -0.43	20.41 -0.77 -0.41	19.91 -0.73 -0.43	19.63 -0.72 -0.88	20.46 -0.77 -1.07	21.58 -0.78 -1.25	24.16 -0.93 -0.70	27.54 -1.06 -0.60	26.60 -1.03 -0.43	26.93 -1.02 -0.42	25.66 -0.99 -0.53	25.28 -0.98 -0.50	27.89 -1.18 -0.24	32.68 -1.36 -0.12	32.93 -1.32 -0.43	40.54 -1.65 -0.01	46.30 -1.83 0.00	41.62 -1.69 0.00	34.61 -1.33 0.00	30.73 -1.12 0.00	29.37 -0.97 0.00
NINE_MILE_2 23744	23.51 -0.86 -0.44	20.97 -0.76 -0.50	21.34 -0.79 -0.28	19.70 -0.72 -0.42	20.40 -0.77 -0.41	19.91 -0.73 -0.43	19.63 -0.72 -0.88	20.46 -0.77 -1.06	21.58 -0.78 -1.25	24.16 -0.93 -0.69	27.54 -1.06 -0.60	26.60 -1.03 -0.43	26.95 -0.99 -0.42	25.66 -0.99 -0.52	25.28 -0.98 -0.50	27.89 -1.18 -0.24	32.68 -1.36 -0.12	32.92 -1.32 -0.43	40.54 -1.65 -0.01	46.30 -1.83 0.00	41.62 -1.69 0.00	34.61 -1.33 0.00	30.73 -1.12 0.00	29.37 -0.97 0.00
NM_CAPITAL___DRP 24208	31.48 0.96 -6.59	29.69 0.87 -7.59	26.93 0.90 -4.19	27.22 0.80 -6.42	27.81 0.83 -6.21	27.54 0.81 -6.53	33.58 0.78 -13.33	37.05 0.79 -16.10	40.85 0.84 -18.90	35.90 1.00 -10.51	38.14 1.12 -9.02	34.85 1.12 -6.53	35.06 1.13 -6.41	35.14 1.07 -7.94	34.32 1.06 -7.50	33.74 1.30 -3.60	37.22 1.53 -1.77	41.72 1.45 -6.45	44.15 1.86 -0.11	50.15 2.02 0.00	45.05 1.73 0.00	37.34 1.40 0.00	33.09 1.24 0.00	31.47 1.12 0.00

NM_CENTRAL___DRP 24181	23.95 -0.57 -0.59	21.40 -0.51 -0.67	21.67 -0.55 -0.37	20.07 -0.50 -0.57	20.80 -0.52 -0.55	20.28 -0.51 -0.58	20.17 -0.49 -1.19	21.09 -0.50 -1.43	22.26 -0.53 -1.68	24.69 -0.63 -0.93	28.11 -0.70 -0.80	27.13 -0.65 -0.58	27.48 -0.61 -0.57	26.21 -0.63 -0.71	25.84 -0.59 -0.67	28.44 -0.72 -0.32	33.19 -0.88 -0.16	33.55 -0.85 -0.57	41.18 -1.01 -0.01	47.02 -1.11 0.00	42.27 -1.04 0.00	35.15 -0.79 0.00	31.18 -0.67 0.00	29.74 -0.61 0.00
NM_FRONTIER___DRP 24179	21.89 -2.49 -0.45	19.54 -2.21 -0.52	19.91 -2.23 -0.29	18.83 -2.08 -0.91	18.98 -2.20 -0.42	18.98 -2.08 -0.86	19.46 -1.89 -1.88	20.06 -2.22 -2.11	19.93 -2.43 -1.25	22.07 -3.02 -0.70	24.86 -3.75 -0.61	24.16 -3.48 -0.44	24.07 -3.41 0.04	23.16 -3.48 -0.50	22.89 -3.35 -0.47	24.92 -3.89 0.02	29.27 -4.75 -0.10	29.69 -4.53 -0.41	36.75 -5.44 -0.01	41.87 -6.26 0.00	37.60 -5.72 0.00	31.88 -4.06 0.00	28.41 -3.44 0.00	27.01 -3.34 0.00
NM_ST_REGIS___HYD 24053	23.47 -0.55 -0.09	20.87 -0.47 -0.10	26.80 -0.48 -5.43	26.27 -0.46 -6.74	27.19 -0.48 -6.90	24.76 -0.48 -5.05	23.98 -0.47 -4.97	26.66 -0.40 -6.90	27.88 -0.44 -7.22	31.94 -0.41 -7.96	36.35 -0.50 -8.84	35.18 -0.60 -8.58	35.51 -0.66 -8.65	33.95 -0.52 -8.35	33.49 -0.52 -8.24	37.07 -0.66 -8.89	43.36 -0.68 -10.12	43.13 -0.81 -10.12	53.19 -1.10 -12.11	59.12 -0.91 -11.91	42.66 -0.65 0.00	35.22 -0.72 0.00	31.28 -0.57 0.00	29.71 -0.64 0.00
NORTHPORT___1 23551	30.97 1.63 -5.41	28.84 1.38 -6.23	26.71 1.42 -3.44	26.43 1.16 -5.28	27.03 1.16 -5.10	26.80 1.23 -5.36	31.68 1.26 -10.95	35.00 1.61 -13.22	38.24 1.60 -15.52	34.71 1.68 -8.63	37.26 1.85 -7.41	34.36 1.79 -5.37	34.58 1.79 -5.27	34.35 1.70 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.88 2.51 -1.45	41.78 2.67 -5.30	45.52 3.25 -0.09	51.40 3.27 0.00	46.17 2.86 0.00	38.45 2.51 0.00	33.54 1.69 0.00	31.89 1.55 0.00
NORTHPORT___2 23552	30.97 1.63 -5.41	28.84 1.38 -6.23	26.71 1.42 -3.44	26.43 1.16 -5.28	27.03 1.16 -5.10	26.80 1.23 -5.36	31.68 1.26 -10.95	35.00 1.61 -13.22	38.24 1.60 -15.52	34.71 1.68 -8.63	37.26 1.85 -7.41	34.36 1.79 -5.37	34.58 1.79 -5.27	34.35 1.70 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.88 2.51 -1.45	41.78 2.67 -5.30	45.52 3.25 -0.09	51.40 3.27 0.00	46.17 2.86 0.00	38.45 2.51 0.00	33.54 1.69 0.00	31.89 1.55 0.00
NORTHPORT___3 23553	30.81 1.46 -5.41	28.67 1.21 -6.23	26.53 1.24 -3.44	26.31 1.04 -5.28	26.92 1.06 -5.10	26.67 1.11 -5.36	31.51 1.09 -10.95	34.78 1.39 -13.22	38.03 1.39 -15.52	34.54 1.51 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.49 1.71 -5.27	34.27 1.62 -6.52	33.55 1.62 -6.16	33.76 1.96 -2.96	37.78 2.41 -1.45	41.62 2.50 -5.30	45.35 3.08 -0.09	50.96 2.84 0.00	46.09 2.77 0.00	38.24 2.30 0.00	33.44 1.59 0.00	31.71 1.37 0.00
NORTHPORT___4 23650	30.81 1.46 -5.41	28.67 1.21 -6.23	26.53 1.24 -3.44	26.31 1.04 -5.28	26.92 1.06 -5.10	26.67 1.11 -5.36	31.51 1.09 -10.95	34.78 1.39 -13.22	38.03 1.39 -15.52	34.54 1.51 -8.63	37.12 1.71 -7.41	34.28 1.71 -5.37	34.49 1.71 -5.27	34.27 1.62 -6.52	33.55 1.62 -6.16	33.76 1.96 -2.96	37.78 2.41 -1.45	41.62 2.50 -5.30	45.35 3.08 -0.09	50.96 2.84 0.00	46.09 2.77 0.00	38.24 2.30 0.00	33.44 1.59 0.00	31.71 1.37 0.00
NORTHPORT___IC 23718	30.97 1.63 -5.41	28.84 1.38 -6.23	26.69 1.40 -3.44	26.43 1.16 -5.28	27.03 1.16 -5.10	26.80 1.23 -5.36	31.66 1.25 -10.95	35.00 1.61 -13.22	38.24 1.60 -15.52	34.71 1.68 -8.63	37.26 1.85 -7.41	34.39 1.82 -5.37	34.55 1.76 -5.27	34.35 1.70 -6.52	33.60 1.67 -6.16	33.84 2.05 -2.96	37.88 2.51 -1.45	41.79 2.67 -5.30	45.52 3.25 -0.09	51.40 3.27 0.00	46.13 2.82 0.00	38.42 2.48 0.00	33.66 1.82 0.00	32.04 1.70 0.00
NORTH___COUNTRY_ESR 323785	23.15 -0.79 0.00	20.57 -0.66 0.00	-1.05 -0.74 22.15	-8.07 -0.68 27.39	-8.03 -0.71 28.09	-0.91 -0.69 20.42	-0.93 -0.66 19.74	-7.98 -0.63 27.51	-8.23 -0.68 28.66	-8.51 -0.71 32.20	-8.76 -0.84 35.93	-8.66 -0.90 34.97	-8.73 -0.96 35.29	-8.61 -0.81 33.94	-8.57 -0.80 33.54	-8.53 -0.92 36.44	-8.76 -1.09 41.59	-8.72 -1.18 41.35	-9.26 -1.56 49.88	-2.58 -1.64 49.07	42.27 -1.04 0.00	35.00 -0.93 0.00	31.08 -0.76 0.00	29.53 -0.82 0.00
NPX_GEN_1385_PROXY 323591	30.90 1.55 -5.41	28.84 1.38 -6.23	26.71 1.42 -3.44	26.29 1.02 -5.28	26.90 1.04 -5.10	26.65 1.09 -5.36	31.16 1.44 -10.24	35.88 1.79 -13.93	38.43 1.79 -15.52	35.43 1.66 -9.38	36.40 1.74 -6.66	34.23 1.66 -5.37	34.41 1.62 -5.27	34.19 1.54 -6.52	33.47 1.55 -6.16	33.70 1.90 -2.96	37.71 2.34 -1.45	41.58 2.47 -5.30	45.10 2.83 -0.09	51.40 3.27 0.00	45.52 2.21 0.00	38.17 2.23 0.00	33.16 1.31 0.00	31.89 1.55 0.00
NPX_GEN_CSC 323557	31.00 1.65 -5.41	28.65 1.19 -6.23	26.56 1.27 -3.44	26.25 0.98 -5.28	26.82 0.96 -5.10	26.61 1.05 -5.36	30.86 1.15 -10.24	35.90 1.82 -13.93	38.47 1.84 -15.52	35.45 1.68 -9.38	36.01 1.34 -6.66	33.68 1.12 -5.37	33.86 1.07 -5.27	33.67 1.02 -6.52	32.98 1.06 -6.16	33.15 1.36 -2.96	37.10 1.73 -1.45	41.11 1.99 -5.30	44.67 2.40 -0.09	50.29 2.17 0.00	45.26 1.95 0.00	37.95 2.01 0.00	32.74 0.89 0.00	31.10 0.76 0.00
NSINS_S___GLNS_FALLS 23858	32.11 1.39 -6.79	30.26 1.21 -7.81	27.41 1.25 -4.32	27.73 1.12 -6.62	28.30 1.14 -6.40	28.04 1.11 -6.72	34.31 1.11 -13.73	37.86 1.11 -16.59	41.76 1.18 -19.47	36.68 1.46 -10.83	39.03 1.74 -9.29	35.64 1.71 -6.73	35.92 1.79 -6.61	35.98 1.67 -8.18	35.14 1.65 -7.73	34.51 1.96 -3.71	37.98 2.24 -1.82	42.69 2.23 -6.64	45.20 2.91 -0.11	51.59 3.46 0.00	46.22 2.90 0.00	38.20 2.26 0.00	33.73 1.88 0.00	32.04 1.70 0.00
NUCOR_STEEL___DRP 24197	24.51 -0.41 -0.98	22.03 -0.34 -1.13	22.10 -0.37 -0.62	20.38 -0.36 -0.74	21.32 -0.37 -0.93	20.64 -0.34 -0.78	20.68 -0.33 -1.54	21.73 -0.36 -1.94	23.59 -0.36 -2.84	25.53 -0.44 -1.57	28.91 -0.45 -1.35	27.74 -0.44 -0.98	28.17 -0.39 -1.04	26.91 -0.42 -1.20	26.49 -0.41 -1.14	28.94 -0.49 -0.59	33.62 -0.58 -0.27	34.25 -0.54 -0.98	41.61 -0.59 -0.02	47.55 -0.58 0.00	42.71 -0.61 0.00	35.54 -0.40 0.00	31.47 -0.38 0.00	30.01 -0.33 0.00
NUMBER_THREE_WT_PWR 323818	23.72 -0.46 -0.24	21.09 -0.42 -0.28	22.55 -0.42 -1.12	21.03 -0.40 -1.43	21.78 -0.44 -1.45	20.89 -0.44 -1.13	20.35 -0.47 -1.35	21.49 -0.46 -1.79	22.57 -0.48 -1.94	25.55 -0.63 -1.79	29.20 -0.70 -1.90	28.20 -0.76 -1.76	28.52 -0.77 -1.77	27.17 -0.73 -1.77	26.76 -0.75 -1.74	29.78 -0.78 -1.72	34.98 -0.81 -1.88	35.15 -0.71 -2.04	43.64 -0.72 -2.18	49.78 -0.48 -2.14	42.88 -0.43 0.00	35.47 -0.47 0.00	31.31 -0.54 0.00	29.77 -0.58 0.00
NYISO_LBMP_REFERENCE 24008	23.93 0.00 0.00	21.23 0.00 0.00	21.85 0.00 0.00	20.00 0.00 0.00	20.76 0.00 0.00	20.20 0.00 0.00	19.47 0.00 0.00	20.16 0.00 0.00	21.11 0.00 0.00	24.39 0.00 0.00	28.01 0.00 0.00	27.20 0.00 0.00	27.52 0.00 0.00	26.13 0.00 0.00	25.77 0.00 0.00	28.84 0.00 0.00	33.92 0.00 0.00	33.82 0.00 0.00	42.18 0.00 0.00	48.12 0.00 0.00	43.31 0.00 0.00	35.94 0.00 0.00	31.85 0.00 0.00	30.34 0.00 0.00

NYPA_BRENTWD____GT 24164	31.16 1.82 -5.41	28.97 1.51 -6.23	26.84 1.55 -3.44	26.57 1.30 -5.28	27.17 1.31 -5.10	26.92 1.35 -5.36	31.78 1.36 -10.95	35.14 1.75 -13.22	38.38 1.75 -15.52	34.88 1.85 -8.63	37.43 2.02 -7.41	34.55 1.98 -5.37	34.77 1.98 -5.27	34.50 1.86 -6.52	33.81 1.88 -6.16	34.07 2.28 -2.96	38.16 2.78 -1.45	42.05 2.94 -5.30	45.90 3.63 -0.09	51.78 3.66 0.00	46.56 3.25 0.00	38.77 2.84 0.00	33.79 1.94 0.00	32.07 1.73 0.00
NYPA_GOWANUS____GT5 24156	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NYPA_GOWANUS____GT6 24157	48.45 1.72 -22.79	36.64 1.53 -13.87	27.02 1.62 -3.56	26.81 1.42 -5.39	27.35 1.47 -5.11	27.19 1.52 -5.47	47.48 1.67 -26.33	47.45 1.92 -25.37	48.49 1.48 -25.90	48.43 1.83 -22.21	49.17 2.07 -19.09	50.31 2.67 -20.44	51.46 2.64 -21.29	50.29 1.93 -22.22	51.58 2.47 -23.34	51.53 2.88 -19.81	53.81 3.33 -16.57	54.44 2.64 -17.98	53.07 4.14 -6.75	52.52 4.18 -0.21	52.64 4.20 -5.12	49.62 3.52 -10.16	48.65 2.61 -14.19	47.84 1.91 -15.58
NYPA_HARLEM__RVR__GT1 24160	30.79 1.44 -5.42	28.85 1.38 -6.24	26.65 1.35 -3.45	26.54 1.26 -5.28	27.20 1.33 -5.11	26.87 1.29 -5.37	31.25 0.82 -10.96	34.75 1.37 -13.22	37.87 1.25 -15.52	34.53 1.51 -8.63	37.17 1.77 -7.40	34.57 2.01 -5.36	34.76 1.98 -5.26	34.32 1.67 -6.51	33.80 1.88 -6.15	33.98 2.19 -2.95	37.94 2.58 -1.45	41.47 2.37 -5.29	45.47 3.20 -0.08	51.34 3.22 0.01	46.47 3.16 0.01	38.41 2.48 0.01	33.80 1.94 -0.01	31.81 1.46 -0.01
NYPA_HARLEM__RVR__GT2 24161	30.79 1.44 -5.42	28.85 1.38 -6.24	26.65 1.35 -3.45	26.54 1.26 -5.28	27.20 1.33 -5.11	26.87 1.29 -5.37	31.25 0.82 -10.96	34.75 1.37 -13.22	37.87 1.25 -15.52	34.53 1.51 -8.63	37.17 1.77 -7.40	34.57 2.01 -5.36	34.76 1.98 -5.26	34.32 1.67 -6.51	33.80 1.88 -6.15	33.98 2.19 -2.95	37.94 2.58 -1.45	41.47 2.37 -5.29	45.47 3.20 -0.08	51.34 3.22 0.01	46.47 3.16 0.01	38.41 2.48 0.01	33.80 1.94 -0.01	31.81 1.46 -0.01
NYPA_KENT____GT 24152	41.17 1.65 -15.58	33.31 1.46 -10.62	26.89 1.53 -3.51	26.70 1.36 -5.34	27.27 1.39 -5.11	27.07 1.43 -5.43	40.99 1.46 -20.05	42.27 1.69 -20.41	44.00 1.41 -21.47	42.54 1.73 -16.42	44.31 1.99 -14.31	44.67 2.39 -15.08	45.51 2.39 -15.60	43.80 1.86 -15.81	45.24 2.24 -17.23	45.25 2.60 -13.82	48.17 3.05 -11.19	49.86 2.57 -13.47	50.37 3.80 -4.39	52.11 3.85 -0.13	50.38 3.77 -3.30	45.04 3.09 -6.01	42.60 2.36 -8.40	41.10 1.82 -8.94
NYPA_POUCH1____GT 24155	48.43 1.70 -22.79	36.61 1.51 -13.87	27.02 1.62 -3.56	26.79 1.40 -5.39	27.31 1.43 -5.11	27.19 1.52 -5.47	47.65 1.85 -26.33	47.65 2.12 -25.37	48.44 1.44 -25.90	48.41 1.81 -22.21	49.11 2.02 -19.09	50.49 2.86 -20.44	51.65 2.84 -21.29	50.18 1.83 -22.22	51.79 2.68 -23.34	51.74 3.09 -19.81	53.98 3.49 -16.57	54.30 2.50 -17.98	53.28 4.35 -6.75	52.67 4.33 -0.21	52.98 4.55 -5.12	49.98 3.88 -10.16	48.84 2.80 -14.19	47.84 1.91 -15.58
NYPA_VERNON____GT2 24162	33.86 1.55 -8.37	29.97 1.38 -7.36	26.73 1.42 -3.47	26.58 1.28 -5.30	27.21 1.33 -5.11	26.94 1.35 -5.39	34.49 1.25 -13.77	37.09 1.47 -15.46	39.51 1.35 -17.05	36.65 1.63 -10.62	39.45 1.91 -9.54	39.04 2.12 -9.72	39.54 2.12 -9.90	37.31 1.78 -9.40	38.88 1.98 -11.13	38.97 2.31 -7.83	42.49 2.75 -5.82	45.28 2.50 -8.96	47.62 3.42 -2.02	51.64 3.47 -0.05	48.12 3.34 -1.47	40.50 2.70 -1.87	36.52 2.07 -2.61	34.34 1.70 -2.29
NYPA_VERNON____GT3 24163	33.86 1.55 -8.37	29.97 1.38 -7.36	26.73 1.42 -3.47	26.58 1.28 -5.30	27.21 1.33 -5.11	26.94 1.35 -5.39	34.49 1.25 -13.77	37.09 1.47 -15.46	39.51 1.35 -17.05	36.65 1.63 -10.62	39.45 1.91 -9.54	39.04 2.12 -9.72	39.54 2.12 -9.90	37.31 1.78 -9.40	38.88 1.98 -11.13	38.97 2.31 -7.83	42.49 2.75 -5.82	45.28 2.50 -8.96	47.62 3.42 -2.02	51.64 3.47 -0.05	48.12 3.34 -1.47	40.50 2.70 -1.87	36.52 2.07 -2.61	34.34 1.70 -2.29
NYPA__ASTORIA_CC1 323568	31.31 1.55 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	32.20 1.21 -11.52	35.31 1.47 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.91 -7.83	36.85 2.12 -7.53	37.20 2.12 -7.56	35.01 1.78 -7.10	36.37 1.98 -8.62	36.52 2.31 -5.37	40.25 2.71 -3.62	43.43 2.50 -7.11	46.65 3.42 -1.05	51.61 3.47 -0.02	47.38 3.34 -0.73	39.01 2.70 -0.38	34.45 2.07 -0.53	32.02 1.67 -0.01
NYPA__ASTORIA_CC2 323569	31.31 1.55 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	32.20 1.21 -11.52	35.31 1.47 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.91 -7.83	36.85 2.12 -7.53	37.20 2.12 -7.56	35.01 1.78 -7.10	36.37 1.98 -8.62	36.52 2.31 -5.37	40.25 2.71 -3.62	43.43 2.50 -7.11	46.65 3.42 -1.05	51.61 3.47 -0.02	47.38 3.34 -0.73	39.01 2.70 -0.38	34.45 2.07 -0.53	32.02 1.67 -0.01
NYPA__HOLTSVILL 23794	31.02 1.67 -5.41	28.82 1.36 -6.23	26.71 1.42 -3.44	26.43 1.16 -5.28	27.03 1.16 -5.10	26.80 1.23 -5.36	31.64 1.23 -10.95	35.04 1.65 -13.22	38.30 1.67 -15.52	34.73 1.71 -8.63	37.21 1.79 -7.41	34.28 1.71 -5.37	34.49 1.71 -5.27	34.24 1.59 -6.52	33.55 1.62 -6.16	33.78 1.99 -2.96	37.82 2.44 -1.45	41.75 2.64 -5.30	45.48 3.20 -0.09	51.30 3.18 0.00	46.13 2.81 0.00	38.45 2.51 0.00	33.47 1.62 0.00	31.80 1.46 0.00
NYPA__HELLGATE_GT1 24158	30.79 1.44 -5.42	28.85 1.38 -6.24	26.65 1.35 -3.45	26.54 1.26 -5.28	27.20 1.33 -5.11	26.87 1.29 -5.37	31.25 0.82 -10.96	34.75 1.37 -13.22	37.87 1.25 -15.52	34.53 1.51 -8.63	37.17 1.77 -7.40	34.57 2.01 -5.36	34.76 1.98 -5.26	34.32 1.67 -6.51	33.80 1.88 -6.15	33.98 2.19 -2.95	37.94 2.58 -1.45	41.47 2.37 -5.29	45.47 3.20 -0.08	51.34 3.22 0.01	46.47 3.16 0.01	38.41 2.48 0.01	33.80 1.94 -0.01	31.81 1.46 -0.01
NYPA__HELLGATE_GT2 24159	30.79 1.44 -5.42	28.85 1.38 -6.24	26.65 1.35 -3.45	26.54 1.26 -5.28	27.20 1.33 -5.11	26.87 1.29 -5.37	31.25 0.82 -10.96	34.75 1.37 -13.22	37.87 1.25 -15.52	34.53 1.51 -8.63	37.17 1.77 -7.40	34.57 2.01 -5.36	34.76 1.98 -5.26	34.32 1.67 -6.51	33.80 1.88 -6.15	33.98 2.19 -2.95	37.94 2.58 -1.45	41.47 2.37 -5.29	45.47 3.20 -0.08	51.34 3.22 0.01	46.47 3.16 0.01	38.41 2.48 0.01	33.80 1.94 -0.01	31.81 1.46 -0.01
NYS_BARGE__HYD 23848	21.91 -2.46 -0.44	19.53 -2.21 -0.51	19.93 -2.21 -0.29	18.83 -2.06 -0.89	19.00 -2.18 -0.42	18.98 -2.06 -0.84	19.36 -1.97 -1.85	19.93 -2.32 -2.08	19.98 -2.36 -1.24	22.16 -2.93 -0.70	25.02 -3.58 -0.60	24.21 -3.43 -0.44	24.10 -3.36 0.06	23.31 -3.32 -0.50	22.96 -3.27 -0.47	24.94 -3.86 0.03	29.47 -4.54 -0.10	29.96 -4.26 -0.40	36.96 -5.23 -0.01	42.35 -5.78 0.00	37.81 -5.50 0.00	32.02 -3.92 0.00	28.70 -3.15 0.00	27.28 -3.06 0.00

OAK ORCHARD___HYD 24046	23.09 -1.29 -0.45	20.61 -1.15 -0.52	20.98 -1.16 -0.29	19.68 -1.08 -0.76	20.03 -1.16 -0.43	19.84 -1.09 -0.73	20.00 -1.05 -1.58	20.73 -1.23 -1.80	21.09 -1.29 -1.27	23.50 -1.61 -0.71	26.63 -1.99 -0.61	25.77 -1.88 -0.45	26.02 -1.82 -0.32	24.79 -1.85 -0.52	24.38 -1.88 -0.49	26.67 -2.33 -0.17	31.38 -2.65 -0.11	31.77 -2.47 -0.42	39.24 -2.95 -0.01	44.95 -3.18 0.00	40.24 -3.07 0.00	33.74 -2.19 0.00	30.07 -1.78 0.00	28.58 -1.76 0.00
OAKDALE___35_KV_LOAD 356122	24.82 -0.55 -1.44	22.40 -0.49 -1.65	22.24 -0.52 -0.92	21.28 -0.46 -1.74	21.64 -0.48 -1.35	21.46 -0.46 -1.72	22.63 -0.45 -3.61	23.94 -0.46 -4.24	24.72 -0.49 -4.10	26.11 -0.56 -2.28	29.35 -0.62 -1.96	28.05 -0.57 -1.42	28.24 -0.55 -1.27	27.28 -0.55 -1.70	26.83 -0.54 -1.61	28.96 -0.58 -0.70	33.58 -0.71 -0.37	34.52 -0.68 -1.38	41.40 -0.80 -0.02	47.26 -0.87 0.00	42.49 -0.82 0.00	35.43 -0.50 0.00	31.37 -0.48 0.00	29.86 -0.49 0.00
OCC_CHEM___DRP 24175	21.92 -2.47 -0.45	19.56 -2.19 -0.52	19.93 -2.21 -0.29	18.85 -2.06 -0.91	19.01 -2.18 -0.42	19.00 -2.06 -0.86	19.49 -1.87 -1.88	20.08 -2.20 -2.12	19.96 -2.41 -1.25	22.10 -3.00 -0.70	24.92 -3.70 -0.61	24.19 -3.45 -0.44	24.13 -3.36 0.04	23.21 -3.42 -0.50	22.94 -3.30 -0.47	24.98 -3.84 0.02	29.30 -4.71 -0.10	29.76 -4.46 -0.41	36.83 -5.36 -0.01	41.96 -6.16 0.00	37.68 -5.63 0.00	31.95 -3.99 0.00	28.47 -3.38 0.00	27.07 -3.28 0.00
OH_GEN_PROXY 24063	22.00 -2.39 -0.45	19.63 -2.12 -0.52	20.00 -2.14 -0.29	18.90 -2.00 -0.90	19.09 -2.10 -0.43	19.05 -2.00 -0.85	18.77 -1.87 -1.17	20.75 -2.22 -2.81	20.08 -2.30 -1.27	23.00 -2.85 -1.46	24.34 -3.53 0.13	24.30 -3.35 -0.45	24.21 -3.30 0.00	23.37 -3.27 -0.51	23.00 -3.25 -0.48	25.00 -3.84 0.00	29.51 -4.51 -0.10	29.97 -4.26 -0.41	37.00 -5.19 -0.01	42.25 -5.87 0.00	37.73 -5.59 0.00	31.95 -3.99 0.00	28.63 -3.22 0.00	27.22 -3.12 0.00
OLIN_CORP_DRP 24177	21.70 -2.68 -0.45	19.37 -2.38 -0.51	19.73 -2.40 -0.29	18.67 -2.24 -0.91	18.82 -2.37 -0.42	18.82 -2.24 -0.86	19.28 -2.08 -1.90	19.87 -2.42 -2.13	19.78 -2.58 -1.25	21.90 -3.20 -0.70	24.72 -3.89 -0.61	24.00 -3.64 -0.44	23.94 -3.55 0.03	23.03 -3.61 -0.50	22.76 -3.48 -0.47	24.81 -4.01 0.02	29.17 -4.85 -0.10	29.55 -4.67 -0.40	36.58 -5.61 -0.01	41.72 -6.40 0.00	37.47 -5.85 0.00	31.73 -4.20 0.00	28.28 -3.57 0.00	26.88 -3.46 0.00
OLIN_CORP_DSASP 323712	21.92 -2.46 -0.45	19.56 -2.19 -0.52	19.93 -2.21 -0.29	18.85 -2.06 -0.91	19.03 -2.16 -0.42	19.00 -2.06 -0.86	19.41 -1.95 -1.88	19.96 -2.32 -2.12	19.96 -2.41 -1.25	22.10 -3.00 -0.70	24.91 -3.70 -0.61	24.14 -3.51 -0.44	24.04 -3.44 0.04	23.21 -3.42 -0.50	22.84 -3.40 -0.47	24.78 -4.04 0.02	29.24 -4.78 -0.10	29.76 -4.46 -0.41	36.71 -5.48 -0.01	41.92 -6.21 0.00	37.42 -5.89 0.00	31.73 -4.20 0.00	28.47 -3.38 0.00	27.10 -3.25 0.00
ONEIDA_HERK_LFGE 323681	24.20 0.05 -0.21	21.50 0.02 -0.25	22.46 0.02 -0.60	20.79 0.02 -0.78	21.55 0.00 -0.78	20.84 0.00 -0.64	20.27 -0.04 -0.84	21.23 -0.02 -1.09	22.32 0.00 -1.21	25.35 -0.05 -1.01	29.04 0.00 -1.04	28.08 -0.05 -0.94	28.41 -0.05 -0.94	27.04 -0.05 -0.96	26.63 -0.08 -0.94	29.68 -0.03 -0.87	34.84 0.00 -0.92	34.99 0.10 -1.07	43.39 0.17 -1.04	49.53 0.38 -1.02	43.66 0.34 0.00	36.19 0.25 0.00	31.98 0.13 0.00	30.40 0.06 0.00
ONEIDA___115KV_TB4 55905	24.53 0.22 -0.38	21.84 0.17 -0.44	22.26 0.17 -0.24	20.53 0.16 -0.37	21.29 0.17 -0.36	20.72 0.14 -0.38	20.35 0.12 -0.77	21.23 0.14 -0.93	22.34 0.15 -1.09	25.12 0.12 -0.60	28.72 0.20 -0.52	27.71 0.14 -0.38	28.08 0.19 -0.37	26.74 0.16 -0.46	26.35 0.15 -0.43	29.25 0.20 -0.21	34.29 0.27 -0.10	34.53 0.34 -0.37	42.69 0.51 -0.01	48.85 0.72 0.00	43.96 0.65 0.00	36.48 0.54 0.00	32.23 0.38 0.00	30.68 0.33 0.00
ONONDAGA_REF_OCCRA 23987	24.28 -0.50 -0.85	21.77 -0.45 -0.98	21.90 -0.48 -0.54	20.24 -0.44 -0.68	21.11 -0.46 -0.80	20.47 -0.44 -0.71	20.45 -0.43 -1.41	21.47 -0.44 -1.75	23.10 -0.46 -2.45	25.22 -0.54 -1.36	28.58 -0.59 -1.17	27.47 -0.57 -0.84	27.88 -0.52 -0.89	26.65 -0.52 -1.04	26.23 -0.52 -0.98	28.73 -0.61 -0.50	33.44 -0.71 -0.24	33.98 -0.68 -0.84	41.39 -0.80 -0.01	47.26 -0.87 0.00	42.49 -0.82 0.00	35.33 -0.61 0.00	31.31 -0.54 0.00	29.86 -0.49 0.00
ONONDAGA___COGEN 23986	24.14 -0.45 -0.66	21.59 -0.40 -0.76	21.83 -0.44 -0.42	20.24 -0.40 -0.64	20.97 -0.42 -0.62	20.45 -0.40 -0.65	20.41 -0.39 -1.33	21.36 -0.40 -1.60	22.57 -0.42 -1.88	24.95 -0.49 -1.05	28.40 -0.50 -0.90	27.36 -0.49 -0.65	27.75 -0.41 -0.64	26.48 -0.44 -0.79	26.07 -0.44 -0.75	28.65 -0.55 -0.36	33.45 -0.64 -0.18	33.85 -0.61 -0.64	41.43 -0.76 -0.01	47.31 -0.82 0.00	42.53 -0.78 0.00	35.36 -0.57 0.00	31.34 -0.51 0.00	29.92 -0.42 0.00
ONTARIO___LFGE 23819	23.25 -0.89 -0.20	20.66 -0.81 -0.24	21.15 -0.83 -0.14	20.10 -0.76 -0.87	20.15 -0.81 -0.19	20.22 -0.77 -0.79	20.53 -0.74 -1.79	21.30 -0.81 -1.94	20.83 -0.82 -0.54	23.70 -1.00 -0.31	27.13 -1.15 -0.27	26.29 -1.12 -0.20	26.58 -1.07 -0.14	25.25 -1.07 -0.19	24.87 -1.08 -0.18	27.61 -1.27 -0.04	32.55 -1.39 -0.03	32.72 -1.25 -0.15	40.75 -1.43 0.00	46.73 -1.40 0.00	41.93 -1.39 0.00	35.00 -0.93 0.00	31.05 -0.79 0.00	29.55 -0.79 0.00
ORANGEVILLE_WT_PWR 323706	21.56 -2.68 -0.31	19.19 -2.40 -0.35	19.58 -2.47 -0.21	18.84 -2.26 -1.10	18.69 -2.37 -0.29	18.93 -2.28 -1.01	19.58 -2.18 -2.29	20.23 -2.42 -2.49	19.43 -2.51 -0.83	21.89 -2.98 -0.47	24.86 -3.56 -0.41	24.02 -3.48 -0.31	21.96 -3.50 2.07	23.12 -3.32 -0.31	22.81 -3.25 -0.29	24.05 -3.72 1.07	29.66 -4.31 -0.05	29.94 -4.13 -0.24	37.25 -4.94 -0.01	42.88 -5.24 0.00	38.42 -4.89 0.00	32.49 -3.45 0.00	29.05 -2.80 0.00	27.73 -2.61 0.00
ORANGEVILLE___ESR 323794	21.56 -2.68 -0.31	19.19 -2.40 -0.35	19.58 -2.47 -0.21	18.84 -2.26 -1.10	18.69 -2.37 -0.29	18.93 -2.28 -1.01	19.58 -2.18 -2.29	20.23 -2.42 -2.49	19.43 -2.51 -0.83	21.89 -2.98 -0.47	24.86 -3.56 -0.41	24.02 -3.48 -0.31	21.96 -3.50 2.07	23.12 -3.32 -0.31	22.81 -3.25 -0.29	24.05 -3.72 1.07	29.66 -4.31 -0.05	29.94 -4.13 -0.24	37.25 -4.94 -0.01	42.88 -5.24 0.00	38.42 -4.89 0.00	32.49 -3.45 0.00	29.05 -2.80 0.00	27.73 -2.61 0.00
OSWEGATCHIE___HYD 24044	23.42 -0.69 -0.18	20.82 -0.62 -0.21	23.53 -0.61 -2.30	22.27 -0.60 -2.88	23.08 -0.62 -2.94	21.77 -0.63 -2.19	21.14 -0.64 -2.31	22.71 -0.60 -3.15	23.79 -0.65 -3.34	27.10 -0.76 -3.46	30.92 -0.87 -3.79	29.90 -0.92 -3.62	30.21 -0.96 -3.65	28.80 -0.89 -3.56	28.40 -0.88 -3.51	31.55 -0.98 -3.69	36.98 -1.09 -4.15	37.02 -1.05 -4.25	45.88 -1.22 -4.92	51.86 -1.10 -4.84	42.40 -0.91 0.00	35.04 -0.90 0.00	31.02 -0.83 0.00	29.46 -0.88 0.00
OSWEGO___5 23606	23.68 -0.74 -0.49	21.14 -0.66 -0.56	21.48 -0.68 -0.31	19.85 -0.62 -0.48	20.56 -0.67 -0.46	20.06 -0.63 -0.48	19.83 -0.62 -0.99	20.69 -0.66 -1.19	21.83 -0.68 -1.40	24.37 -0.80 -0.78	27.75 -0.92 -0.67	26.79 -0.90 -0.48	27.14 -0.85 -0.48	25.86 -0.86 -0.59	25.47 -0.85 -0.56	28.09 -1.01 -0.27	32.86 -1.19 -0.13	33.14 -1.15 -0.48	40.80 -1.39 -0.01	46.58 -1.54 0.00	41.88 -1.43 0.00	34.82 -1.11 0.00	30.89 -0.95 0.00	29.53 -0.82 0.00

OSWEGO___6 23613	23.68 -0.74 -0.49	21.14 -0.66 -0.56	21.48 -0.68 -0.31	19.85 -0.62 -0.48	20.56 -0.67 -0.46	20.06 -0.63 -0.48	19.83 -0.62 -0.99	20.69 -0.66 -1.19	21.83 -0.68 -1.40	24.37 -0.80 -0.78	27.75 -0.92 -0.67	26.79 -0.90 -0.48	27.14 -0.85 -0.48	25.86 -0.86 -0.59	25.47 -0.85 -0.56	28.09 -1.01 -0.27	32.86 -1.19 -0.13	33.14 -1.15 -0.48	40.80 -1.39 -0.01	46.58 -1.54 0.00	41.88 -1.43 0.00	34.82 -1.11 0.00	30.89 -0.95 0.00	29.53 -0.82 0.00
OUTOKUMPU-AB___DRP 24206	22.06 -2.32 -0.45	19.67 -2.08 -0.51	20.06 -2.08 -0.29	18.96 -1.96 -0.92	19.13 -2.06 -0.42	19.13 -1.94 -0.87	19.61 -1.77 -1.91	20.25 -2.06 -2.14	20.14 -2.22 -1.25	22.36 -2.73 -0.70	25.33 -3.28 -0.61	24.57 -3.07 -0.44	24.52 -2.97 0.03	23.63 -3.00 -0.50	23.33 -2.91 -0.47	25.53 -3.29 0.02	29.98 -4.04 -0.10	30.33 -3.89 -0.40	37.51 -4.68 -0.01	42.83 -5.29 0.00	38.46 -4.85 0.00	32.56 -3.38 0.00	28.98 -2.87 0.00	27.55 -2.79 0.00
OXBOW___BTM 323836	21.94 -2.44 -0.45	19.56 -2.19 -0.51	19.95 -2.18 -0.29	18.87 -2.04 -0.91	19.05 -2.14 -0.42	19.03 -2.04 -0.86	19.46 -1.91 -1.90	20.01 -2.28 -2.13	20.04 -2.32 -1.25	22.19 -2.90 -0.70	25.08 -3.53 -0.61	24.27 -3.37 -0.44	24.18 -3.30 0.03	23.39 -3.24 -0.50	23.02 -3.22 -0.47	25.04 -3.78 0.02	29.54 -4.48 -0.10	29.99 -4.23 -0.40	37.00 -5.19 -0.01	42.30 -5.82 0.00	37.77 -5.54 0.00	32.02 -3.92 0.00	28.70 -3.15 0.00	27.28 -3.06 0.00
OXBOW____ 24026	21.94 -2.44 -0.45	19.58 -2.17 -0.51	19.95 -2.18 -0.29	18.87 -2.04 -0.91	19.05 -2.14 -0.42	19.02 -2.04 -0.86	19.52 -1.85 -1.90	20.13 -2.16 -2.13	20.02 -2.34 -1.25	22.19 -2.90 -0.70	25.08 -3.53 -0.61	24.35 -3.29 -0.44	24.30 -3.19 0.03	23.39 -3.24 -0.50	23.09 -3.14 -0.47	25.21 -3.60 0.02	29.61 -4.41 -0.10	29.99 -4.23 -0.40	37.13 -5.06 -0.01	42.35 -5.77 0.00	38.03 -5.28 0.00	32.20 -3.74 0.00	28.70 -3.15 0.00	27.28 -3.06 0.00
OXY_CHEM_DSASP 323612	21.92 -2.47 -0.45	19.56 -2.19 -0.52	19.93 -2.21 -0.29	18.85 -2.06 -0.91	19.01 -2.18 -0.42	19.00 -2.06 -0.86	19.49 -1.87 -1.88	20.08 -2.20 -2.12	19.96 -2.41 -1.25	22.10 -3.00 -0.70	24.92 -3.70 -0.61	24.19 -3.45 -0.44	24.13 -3.36 0.04	23.21 -3.42 -0.50	22.94 -3.30 -0.47	24.98 -3.84 0.02	29.30 -4.71 -0.10	29.76 -4.46 -0.41	36.83 -5.36 -0.01	41.96 -6.16 0.00	37.68 -5.63 0.00	31.95 -3.99 0.00	28.47 -3.38 0.00	27.07 -3.28 0.00
OZONE_PARK_ESR 323760	30.95 1.60 -5.41	28.87 1.40 -6.23	26.71 1.42 -3.44	26.55 1.28 -5.28	27.20 1.33 -5.10	26.92 1.35 -5.36	31.67 1.25 -10.95	34.72 1.33 -13.23	38.03 1.39 -15.53	34.64 1.61 -8.63	37.32 1.90 -7.41	34.53 1.96 -5.37	34.72 1.93 -5.27	34.45 1.80 -6.52	33.71 1.78 -6.16	33.93 2.13 -2.96	37.92 2.54 -1.46	41.69 2.57 -5.30	45.48 3.21 -0.09	51.49 3.37 0.00	46.39 3.08 0.00	38.34 2.41 0.00	33.76 1.91 0.00	32.07 1.73 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	21.92 -2.47 -0.45	19.56 -2.19 -0.52	19.93 -2.21 -0.29	18.85 -2.06 -0.91	19.01 -2.18 -0.42	19.00 -2.06 -0.86	19.49 -1.87 -1.88	20.08 -2.20 -2.12	19.96 -2.41 -1.25	22.10 -3.00 -0.70	24.92 -3.70 -0.61	24.19 -3.45 -0.44	24.13 -3.36 0.04	23.21 -3.42 -0.50	22.94 -3.30 -0.47	24.98 -3.84 0.02	29.30 -4.71 -0.10	29.76 -4.46 -0.41	36.83 -5.36 -0.01	41.96 -6.16 0.00	37.68 -5.63 0.00	31.95 -3.99 0.00	28.47 -3.38 0.00	27.07 -3.28 0.00
PACKARD__115KV_DUPONT_184 80571	21.92 -2.47 -0.45	19.56 -2.19 -0.52	19.93 -2.21 -0.29	18.85 -2.06 -0.91	19.01 -2.18 -0.42	19.00 -2.06 -0.86	19.49 -1.87 -1.88	20.08 -2.20 -2.12	19.96 -2.41 -1.25	22.10 -3.00 -0.70	24.92 -3.70 -0.61	24.19 -3.45 -0.44	24.13 -3.36 0.04	23.21 -3.42 -0.50	22.94 -3.30 -0.47	24.98 -3.84 0.02	29.30 -4.71 -0.10	29.76 -4.46 -0.41	36.83 -5.36 -0.01	41.96 -6.16 0.00	37.68 -5.63 0.00	31.95 -3.99 0.00	28.47 -3.38 0.00	27.07 -3.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.79 1.44 -5.42	28.83 1.36 -6.24	26.67 1.38 -3.45	26.54 1.26 -5.28	27.18 1.31 -5.11	26.89 1.31 -5.37	31.58 1.15 -10.96	34.59 1.21 -13.22	37.88 1.25 -15.53	34.51 1.49 -8.63	37.17 1.76 -7.40	34.36 1.80 -5.36	34.54 1.76 -5.26	34.31 1.67 -6.51	33.54 1.62 -6.15	33.72 1.93 -2.95	37.67 2.31 -1.45	41.44 2.33 -5.29	45.17 2.91 -0.08	51.05 2.94 0.01	46.08 2.77 0.01	38.08 2.16 0.01	33.58 1.72 -0.01	31.92 1.58 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.89 1.53 -5.42	28.94 1.47 -6.24	26.78 1.49 -3.45	26.64 1.36 -5.28	27.29 1.41 -5.11	26.99 1.41 -5.37	31.67 1.25 -10.96	34.69 1.31 -13.22	37.99 1.35 -15.53	34.61 1.59 -8.63	37.28 1.88 -7.40	34.44 1.88 -5.36	34.62 1.84 -5.26	34.39 1.75 -6.51	33.62 1.70 -6.15	33.84 2.05 -2.95	37.81 2.44 -1.45	41.58 2.47 -5.29	45.34 3.08 -0.08	51.29 3.18 0.01	46.25 2.95 0.01	38.23 2.30 0.01	33.70 1.85 -0.01	32.04 1.70 0.00
PATROON__115KV_TB1 80586	31.57 1.01 -6.63	29.76 0.89 -7.63	26.98 0.92 -4.22	27.30 0.84 -6.46	27.86 0.85 -6.25	27.60 0.83 -6.57	33.68 0.80 -13.41	37.17 0.81 -16.20	40.99 0.87 -19.01	35.99 1.02 -10.57	38.28 1.20 -9.07	34.94 1.17 -6.57	35.18 1.21 -6.45	35.26 1.15 -7.98	34.45 1.13 -7.55	33.85 1.38 -3.62	37.30 1.59 -1.78	41.86 1.56 -6.49	44.27 1.98 -0.11	50.29 2.17 0.00	45.18 1.86 0.00	37.45 1.51 0.00	33.15 1.31 0.00	31.53 1.18 0.00
PATTRSNVILLE__SOLAR 323815	31.72 0.81 -6.97	29.96 0.70 -8.03	27.00 0.72 -4.44	27.45 0.66 -6.80	28.02 0.68 -6.57	27.76 0.65 -6.91	34.21 0.64 -14.10	37.83 0.63 -17.04	41.66 0.55 -20.00	36.07 0.56 -11.12	38.19 0.64 -9.54	34.74 0.63 -6.91	35.02 0.71 -6.79	35.18 0.65 -8.40	34.37 0.67 -7.94	33.46 0.81 -3.81	36.85 1.05 -1.87	41.86 1.22 -6.82	43.99 1.69 -0.11	50.05 1.93 0.00	44.96 1.65 0.00	37.27 1.33 0.00	32.93 1.08 0.00	31.31 0.97 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	21.68 -2.70 -0.45	19.29 -2.46 -0.52	19.69 -2.45 -0.30	18.69 -2.30 -0.99	18.84 -2.35 -0.43	18.83 -2.30 -0.93	19.42 -2.10 -2.05	20.14 -2.32 -2.29	19.99 -2.39 -1.26	22.40 -2.71 -0.71	25.73 -2.88 -0.61	24.93 -2.72 -0.45	24.88 -2.67 -0.03	24.15 -2.48 -0.50	23.84 -2.40 -0.47	26.51 -2.34 -0.01	31.10 -2.92 -0.10	31.14 -3.08 -0.40	38.35 -3.84 -0.01	43.84 -4.28 0.00	39.37 -3.94 0.00	33.28 -2.66 0.00	29.59 -2.26 0.00	28.13 -2.22 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	30.81 1.44 -5.44	28.77 1.27 -6.26	26.57 1.27 -3.46	26.46 1.16 -5.30	27.12 1.22 -5.13	26.82 1.23 -5.39	31.62 1.15 -11.01	34.69 1.23 -13.30	37.98 1.27 -15.61	34.58 1.51 -8.68	37.27 1.82 -7.45	34.39 1.80 -5.40	34.63 1.82 -5.30	34.36 1.67 -6.55	33.63 1.67 -6.19	33.80 1.99 -2.97	37.76 2.37 -1.46	41.51 2.37 -5.33	45.18 2.91 -0.09	51.30 3.18 0.00	46.17 2.86 0.00	38.13 2.19 0.00	33.66 1.82 0.00	31.92 1.58 0.00
PEEKSKILL____ 23653	30.39 1.17 -5.29	28.36 1.04 -6.09	26.26 1.05 -3.37	26.11 0.96 -5.15	26.74 1.00 -4.99	26.45 1.01 -5.24	31.14 0.97 -10.70	34.11 1.03 -12.92	37.33 1.06 -15.17	34.05 1.22 -8.43	36.70 1.46 -7.24	33.91 1.47 -5.24	34.12 1.46 -5.15	33.83 1.33 -6.37	33.12 1.34 -6.02	33.31 1.59 -2.89	37.20 1.86 -1.42	40.85 1.86 -5.18	44.59 2.32 -0.09	50.58 2.45 0.00	45.56 2.25 0.00	37.70 1.76 0.00	33.22 1.37 0.00	31.53 1.18 0.00

PGE MADISON___WINDPWR 24146	26.78 0.29 -2.56	24.39 0.21 -2.95	23.73 0.26 -1.62	21.90 0.22 -1.69	23.40 0.23 -2.41	22.23 0.20 -1.83	23.07 0.10 -3.50	24.82 0.16 -4.50	28.74 0.23 -7.40	28.62 0.12 -4.10	31.80 0.28 -3.52	29.90 0.16 -2.54	30.63 0.25 -2.87	29.49 0.21 -3.15	28.92 0.18 -2.98	30.79 0.32 -1.63	35.05 0.41 -0.72	36.99 0.61 -2.56	43.19 0.97 -0.04	49.85 1.73 0.00	44.96 1.65 0.00	37.45 1.51 0.00	33.06 1.21 0.00	31.38 1.03 0.00
PIERCEFIELD___HYD 23852	23.51 -0.53 -0.10	20.88 -0.47 -0.11	24.66 -0.46 -3.27	23.60 -0.46 -4.06	24.44 -0.48 -4.16	22.79 -0.46 -3.05	22.06 -0.47 -3.06	23.96 -0.42 -4.22	25.10 -0.44 -4.43	28.77 -0.44 -4.82	32.81 -0.53 -5.34	31.73 -0.63 -5.16	32.04 -0.69 -5.20	30.61 -0.55 -5.03	30.19 -0.54 -4.97	33.47 -0.69 -5.33	39.25 -0.71 -6.05	39.09 -0.81 -6.08	48.31 -1.10 -7.22	54.27 -0.96 -7.10	42.58 -0.74 0.00	35.18 -0.75 0.00	31.24 -0.61 0.00	29.68 -0.67 0.00
PINELAWN_CC_1 323563	31.02 1.67 -5.41	28.86 1.40 -6.23	26.73 1.44 -3.44	26.47 1.20 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.66 1.25 -10.95	34.96 1.57 -13.22	38.19 1.56 -15.52	34.71 1.68 -8.63	37.29 1.88 -7.41	34.42 1.85 -5.37	34.63 1.84 -5.27	34.40 1.75 -6.52	33.68 1.75 -6.16	33.93 2.13 -2.96	37.99 2.61 -1.45	41.89 2.77 -5.30	45.73 3.46 -0.09	51.54 3.42 0.00	46.43 3.12 0.00	38.60 2.66 0.00	33.70 1.85 0.00	31.95 1.61 0.00
PJM_GEN_HTP_PROXY 323702	30.71 1.36 -5.41	28.69 1.23 -6.23	26.56 1.27 -3.44	26.41 1.14 -5.28	27.05 1.18 -5.10	26.78 1.21 -5.36	30.83 1.11 -10.25	35.28 1.19 -13.93	37.88 1.25 -15.53	35.21 1.44 -9.38	36.38 1.71 -6.66	34.31 1.74 -5.37	34.50 1.71 -5.27	34.24 1.59 -6.52	33.53 1.60 -6.16	33.67 1.87 -2.96	37.65 2.27 -1.46	41.38 2.27 -5.30	45.10 2.83 -0.09	51.06 2.94 0.00	46.00 2.69 0.00	38.06 2.12 0.00	33.50 1.66 0.00	31.83 1.49 0.00
PJM_GEN_KEystone 24065	26.49 -0.48 -3.03	24.28 -0.45 -3.49	23.34 -0.44 -1.93	22.83 -0.42 -3.25	23.19 -0.44 -2.86	23.08 -0.38 -3.26	25.15 -0.37 -6.05	28.52 -0.40 -8.76	29.37 -0.42 -8.68	29.46 -0.51 -5.58	30.82 -0.59 -3.40	29.69 -0.52 -3.01	29.81 -0.55 -2.84	29.21 -0.55 -3.63	28.63 -0.57 -3.43	29.85 -0.58 -1.59	31.18 -0.71 2.03	35.54 -0.64 -2.37	39.65 -0.84 1.69	47.16 -0.96 0.00	42.36 -0.95 0.00	35.36 -0.58 0.00	31.31 -0.54 0.00	29.77 -0.58 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.78 1.44 -5.41	28.67 1.21 -6.23	26.53 1.24 -3.44	26.33 1.06 -5.28	26.94 1.08 -5.10	26.69 1.13 -5.36	30.80 1.09 -10.24	35.46 1.37 -13.93	37.98 1.35 -15.52	35.26 1.49 -9.38	36.37 1.71 -6.66	34.28 1.71 -5.37	34.49 1.71 -5.27	34.24 1.59 -6.52	33.55 1.62 -6.16	33.73 1.93 -2.96	37.71 2.34 -1.45	41.55 2.44 -5.30	45.27 3.00 -0.09	51.06 2.94 0.00	46.00 2.69 0.00	38.20 2.27 0.00	33.44 1.59 0.00	31.74 1.40 0.00
PJM_GEN_VFT_PROXY 323633	30.61 1.27 -5.41	28.61 1.15 -6.23	26.47 1.18 -3.44	26.35 1.08 -5.28	26.99 1.12 -5.10	26.70 1.13 -5.36	30.63 0.92 -10.25	35.08 0.99 -13.93	37.77 1.14 -15.53	35.09 1.32 -9.38	36.23 1.57 -6.66	34.09 1.52 -5.37	34.27 1.49 -5.27	34.14 1.49 -6.52	33.29 1.36 -6.16	33.44 1.64 -2.96	37.37 2.00 -1.46	41.25 2.13 -5.30	44.76 2.49 -0.09	50.72 2.60 0.00	45.65 2.34 0.00	37.73 1.80 0.00	33.25 1.40 0.00	31.65 1.30 0.00
PLATSBURG_115KV_PMLD1 355749	23.03 -0.91 0.00	20.47 -0.76 0.00	0.07 -0.83 20.95	-6.66 -0.76 25.90	-6.60 -0.81 26.56	0.07 -0.83 19.31	0.01 -0.80 18.66	-6.62 -0.77 26.01	-6.68 -0.70 27.10	-6.68 -0.63 30.44	-6.66 -0.70 33.97	-6.67 -0.82 33.06	-6.70 -0.85 33.36	-6.69 -0.73 32.08	-6.69 -0.75 31.71	-6.63 -1.01 34.45	-6.49 -1.09 39.33	-6.49 -1.22 39.09	-6.49 -1.52 47.16	0.00 -1.73 46.39	42.36 -0.95 0.00	35.07 -0.86 0.00	31.15 -0.70 0.00	29.49 -0.85 0.00
PLEASANTVLY___LBMP 24000	30.69 1.15 -5.61	28.71 1.02 -6.46	26.47 1.05 -3.57	26.41 0.94 -5.47	27.03 0.98 -5.29	26.75 0.99 -5.56	31.76 0.93 -11.35	34.86 0.99 -13.71	38.24 1.03 -16.10	34.54 1.20 -8.95	37.09 1.40 -7.68	34.15 1.39 -5.56	34.36 1.38 -5.46	34.20 1.31 -6.76	33.44 1.29 -6.39	33.46 1.56 -3.07	37.23 1.80 -1.51	41.14 1.83 -5.49	44.51 2.24 -0.09	50.53 2.41 0.00	45.44 2.12 0.00	37.63 1.69 0.00	33.22 1.37 0.00	31.59 1.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.67 1.29 -5.44	28.64 1.15 -6.27	26.49 1.18 -3.46	26.36 1.06 -5.31	26.99 1.10 -5.13	26.70 1.11 -5.39	31.53 1.05 -11.01	34.57 1.11 -13.30	37.88 1.16 -15.61	34.44 1.37 -8.68	37.05 1.60 -7.45	34.20 1.60 -5.40	34.41 1.60 -5.30	34.18 1.49 -6.56	33.43 1.47 -6.20	33.60 1.79 -2.98	37.49 2.10 -1.46	41.27 2.13 -5.33	44.93 2.66 -0.09	50.92 2.79 0.00	45.83 2.51 0.00	37.91 1.98 0.00	33.44 1.59 0.00	31.77 1.43 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.67 1.29 -5.44	28.64 1.15 -6.27	26.49 1.18 -3.46	26.36 1.06 -5.31	26.99 1.10 -5.13	26.70 1.11 -5.39	31.53 1.05 -11.01	34.57 1.11 -13.30	37.88 1.16 -15.61	34.44 1.37 -8.68	37.05 1.60 -7.45	34.20 1.60 -5.40	34.41 1.60 -5.30	34.18 1.49 -6.56	33.43 1.47 -6.20	33.60 1.79 -2.98	37.49 2.10 -1.46	41.27 2.13 -5.33	44.93 2.66 -0.09	50.92 2.79 0.00	45.83 2.51 0.00	37.91 1.98 0.00	33.44 1.59 0.00	31.77 1.43 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.70 1.27 -5.50	28.67 1.10 -6.33	26.48 1.14 -3.50	26.38 1.02 -5.36	27.01 1.06 -5.18	26.74 1.09 -5.45	31.62 1.03 -11.12	34.67 1.07 -13.44	38.00 1.12 -15.77	34.46 1.29 -8.77	37.04 1.51 -7.53	34.15 1.50 -5.45	34.39 1.51 -5.35	34.16 1.41 -6.62	33.42 1.39 -6.26	33.55 1.70 -3.01	37.40 2.00 -1.48	41.16 1.96 -5.38	44.72 2.45 -0.09	50.82 2.69 0.00	45.70 2.38 0.00	37.81 1.87 0.00	33.35 1.50 0.00	31.68 1.34 0.00
POLETTI___ 23519	30.78 1.44 -5.41	28.76 1.30 -6.23	26.62 1.33 -3.44	26.47 1.20 -5.28	27.11 1.25 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.49 1.46 -8.63	37.15 1.74 -7.41	34.36 1.80 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.55 1.62 -6.16	33.73 1.93 -2.96	37.68 2.31 -1.46	41.45 2.33 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.04 2.73 0.00	38.09 2.16 0.00	33.60 1.75 0.00	31.92 1.58 0.00
POMONA___ESR 323819	30.27 1.15 -5.18	28.20 1.00 -5.97	26.17 1.03 -3.30	25.97 0.92 -5.06	26.63 0.98 -4.89	26.33 0.99 -5.14	30.91 0.95 -10.49	33.86 1.03 -12.67	37.02 1.03 -14.88	33.88 1.22 -8.27	36.53 1.43 -7.10	33.81 1.47 -5.14	34.00 1.43 -5.05	33.71 1.33 -6.25	32.98 1.31 -5.90	33.23 1.56 -2.84	37.14 1.83 -1.39	40.68 1.79 -5.08	44.50 2.23 -0.09	50.48 2.36 0.00	45.48 2.16 0.00	37.66 1.72 0.00	33.16 1.31 0.00	31.50 1.15 0.00
PORT_JEFF_3 23555	31.09 1.75 -5.41	28.89 1.42 -6.23	26.78 1.49 -3.44	26.47 1.20 -5.28	27.07 1.20 -5.10	26.84 1.27 -5.36	31.70 1.28 -10.95	35.12 1.73 -13.22	38.36 1.73 -15.52	34.80 1.78 -8.63	37.26 1.85 -7.41	34.36 1.79 -5.37	34.58 1.79 -5.27	34.35 1.70 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.95 2.58 -1.45	41.89 2.77 -5.30	45.65 3.38 -0.09	51.44 3.32 0.00	46.30 2.99 0.00	38.60 2.66 0.00	33.57 1.72 0.00	31.86 1.52 0.00

PORT_JEFF_4 23616	31.09 1.75 -5.41	28.89 1.42 -6.23	26.78 1.49 -3.44	26.47 1.20 -5.28	27.07 1.20 -5.10	26.84 1.27 -5.36	31.70 1.28 -10.95	35.12 1.73 -13.22	38.36 1.73 -15.52	34.80 1.78 -8.63	37.26 1.85 -7.41	34.36 1.79 -5.37	34.58 1.79 -5.27	34.35 1.70 -6.52	33.63 1.70 -6.16	33.87 2.08 -2.96	37.95 2.58 -1.45	41.89 2.77 -5.30	45.65 3.38 -0.09	51.44 3.32 0.00	46.30 2.99 0.00	38.60 2.66 0.00	33.57 1.72 0.00	31.86 1.52 0.00
PORT_JEFF_IC 23713	31.09 1.75 -5.41	28.89 1.42 -6.23	26.73 1.44 -3.44	26.47 1.20 -5.28	27.07 1.20 -5.10	26.84 1.27 -5.36	31.68 1.27 -10.95	35.12 1.73 -13.22	38.38 1.75 -15.52	34.83 1.81 -8.63	37.26 1.85 -7.41	34.36 1.80 -5.37	34.55 1.76 -5.27	34.32 1.67 -6.52	33.60 1.67 -6.16	33.87 2.08 -2.96	37.92 2.54 -1.45	41.89 2.77 -5.30	45.69 3.42 -0.09	51.44 3.32 0.00	46.26 2.95 0.00	38.56 2.62 0.00	33.76 1.91 0.00	32.07 1.73 0.00
PPL PILGRIM_ST_GT1 24216	31.16 1.82 -5.41	28.97 1.51 -6.23	26.84 1.55 -3.44	26.57 1.30 -5.28	27.17 1.31 -5.10	26.92 1.35 -5.36	31.78 1.36 -10.95	35.14 1.75 -13.22	38.38 1.75 -15.52	34.88 1.85 -8.63	37.43 2.02 -7.41	34.55 1.98 -5.37	34.77 1.98 -5.27	34.50 1.86 -6.52	33.81 1.88 -6.16	34.07 2.28 -2.96	38.16 2.78 -1.45	42.05 2.94 -5.30	45.90 3.63 -0.09	51.78 3.66 0.00	46.56 3.25 0.00	38.77 2.84 0.00	33.79 1.94 0.00	32.07 1.73 0.00
PPL PILGRIM_ST_GT2 24217	31.16 1.82 -5.41	28.97 1.51 -6.23	26.84 1.55 -3.44	26.57 1.30 -5.28	27.17 1.31 -5.10	26.92 1.35 -5.36	31.78 1.36 -10.95	35.14 1.75 -13.22	38.38 1.75 -15.52	34.88 1.85 -8.63	37.43 2.02 -7.41	34.55 1.98 -5.37	34.77 1.98 -5.27	34.50 1.86 -6.52	33.81 1.88 -6.16	34.07 2.28 -2.96	38.16 2.78 -1.45	42.05 2.94 -5.30	45.90 3.63 -0.09	51.78 3.66 0.00	46.56 3.25 0.00	38.77 2.84 0.00	33.79 1.94 0.00	32.07 1.73 0.00
PPL_SHRM_GT3 24213	31.00 1.65 -5.41	28.67 1.21 -6.23	26.58 1.29 -3.44	26.27 1.00 -5.28	26.86 1.00 -5.10	26.63 1.07 -5.36	31.59 1.17 -10.95	35.20 1.82 -13.22	38.47 1.84 -15.52	34.73 1.71 -8.63	36.81 1.40 -7.41	33.74 1.17 -5.37	33.92 1.13 -5.27	33.72 1.07 -6.52	33.03 1.11 -6.16	33.21 1.41 -2.96	37.17 1.80 -1.45	41.18 2.06 -5.30	44.76 2.49 -0.09	50.43 2.31 0.00	45.35 2.04 0.00	38.02 2.08 0.00	32.84 0.99 0.00	31.19 0.85 0.00
PPL_SHRM_GT4 24214	31.00 1.65 -5.41	28.67 1.21 -6.23	26.58 1.29 -3.44	26.27 1.00 -5.28	26.86 1.00 -5.10	26.63 1.07 -5.36	31.59 1.17 -10.95	35.20 1.82 -13.22	38.47 1.84 -15.52	34.73 1.71 -8.63	36.81 1.40 -7.41	33.74 1.17 -5.37	33.92 1.13 -5.27	33.72 1.07 -6.52	33.03 1.11 -6.16	33.21 1.41 -2.96	37.17 1.80 -1.45	41.18 2.06 -5.30	44.76 2.49 -0.09	50.43 2.31 0.00	45.35 2.04 0.00	38.02 2.08 0.00	32.84 0.99 0.00	31.19 0.85 0.00
PROJECT___ORANGE 1 24174	23.95 -0.57 -0.59	21.41 -0.51 -0.68	21.70 -0.52 -0.38	20.10 -0.48 -0.58	20.80 -0.52 -0.56	20.30 -0.48 -0.59	20.20 -0.47 -1.20	21.11 -0.50 -1.45	22.28 -0.53 -1.70	24.73 -0.61 -0.95	28.14 -0.67 -0.81	27.16 -0.63 -0.59	27.52 -0.58 -0.58	26.24 -0.60 -0.71	25.85 -0.59 -0.68	28.44 -0.72 -0.32	33.23 -0.85 -0.16	33.59 -0.81 -0.58	41.22 -0.97 -0.01	47.07 -1.06 0.00	42.32 -1.00 0.00	35.18 -0.75 0.00	31.18 -0.67 0.00	29.77 -0.58 0.00
PROJECT___ORANGE 2 24166	23.95 -0.57 -0.59	21.41 -0.51 -0.68	21.70 -0.52 -0.38	20.10 -0.48 -0.58	20.80 -0.52 -0.56	20.30 -0.48 -0.59	20.20 -0.47 -1.20	21.11 -0.50 -1.45	22.28 -0.53 -1.70	24.73 -0.61 -0.95	28.14 -0.67 -0.81	27.16 -0.63 -0.59	27.52 -0.58 -0.58	26.24 -0.60 -0.71	25.85 -0.59 -0.68	28.44 -0.72 -0.32	33.23 -0.85 -0.16	33.59 -0.81 -0.58	41.22 -0.97 -0.01	47.07 -1.06 0.00	42.32 -1.00 0.00	35.18 -0.75 0.00	31.18 -0.67 0.00	29.77 -0.58 0.00
PUCKETT___SOLAR 323809	25.51 -0.26 -1.84	23.10 -0.25 -2.12	22.75 -0.26 -1.17	21.57 -0.22 -1.79	22.27 -0.23 -1.73	21.78 -0.24 -1.82	22.96 -0.23 -3.72	24.41 -0.24 -4.49	26.15 -0.23 -5.27	27.03 -0.29 -2.93	30.24 -0.28 -2.52	28.70 -0.33 -1.82	29.01 -0.30 -1.79	28.06 -0.29 -2.21	27.55 -0.31 -2.09	29.55 -0.29 -1.01	34.11 -0.31 -0.49	35.38 -0.24 -1.80	42.00 -0.21 -0.03	48.08 -0.05 0.00	43.18 -0.13 0.00	35.97 0.04 0.00	31.85 0.00 0.00	30.28 -0.06 0.00
PYRITES___HYD 24023	23.91 -0.12 -0.09	21.23 -0.11 -0.11	24.72 -0.07 -2.94	23.55 -0.10 -3.65	24.38 -0.12 -3.74	22.83 -0.12 -2.75	22.07 -0.16 -2.75	23.86 -0.10 -3.80	24.97 -0.13 -3.99	28.63 -0.10 -4.33	32.66 -0.14 -4.80	31.59 -0.24 -4.64	31.90 -0.30 -4.68	30.47 -0.18 -4.52	30.03 -0.21 -4.47	33.34 -0.29 -4.79	39.15 -0.20 -5.43	39.05 -0.24 -5.47	48.29 -0.38 -6.49	54.46 -0.05 -6.38	43.40 0.09 0.00	35.83 -0.11 0.00	31.79 -0.06 0.00	30.16 -0.18 0.00
QUAKERRD_115KV_BK1 80622	22.82 -1.58 -0.47	20.37 -1.40 -0.54	20.73 -1.42 -0.30	19.41 -1.32 -0.74	19.81 -1.39 -0.44	19.58 -1.33 -0.71	19.75 -1.25 -1.53	20.52 -1.39 -1.75	20.93 -1.50 -1.32	23.33 -1.81 -0.74	26.46 -2.18 -0.64	25.62 -2.04 -0.46	25.89 -1.98 -0.35	24.63 -2.04 -0.54	24.27 -2.01 -0.51	26.63 -2.39 -0.19	31.25 -2.71 -0.11	31.55 -2.78 -0.44	38.98 -3.21 -0.01	44.56 -3.56 0.00	40.02 -3.29 0.00	33.49 -2.44 0.00	29.72 -2.13 0.00	28.25 -2.09 0.00
QUENSBRY_115KV_TB8 356137	32.14 1.41 -6.79	30.28 1.23 -7.82	27.41 1.25 -4.32	27.74 1.12 -6.62	28.33 1.16 -6.40	28.06 1.13 -6.73	34.32 1.11 -13.74	37.87 1.11 -16.60	41.79 1.20 -19.48	36.69 1.46 -10.83	39.07 1.76 -9.30	35.68 1.74 -6.74	35.95 1.82 -6.61	36.01 1.70 -8.18	35.17 1.67 -7.73	34.54 1.99 -3.71	38.02 2.27 -1.83	42.76 2.30 -6.65	45.25 2.95 -0.11	51.64 3.51 0.00	46.30 2.99 0.00	38.24 2.30 0.00	33.76 1.91 0.00	32.07 1.73 0.00
RAMAPO___LBMP 323565	30.12 1.05 -5.13	28.06 0.91 -5.91	26.05 0.94 -3.27	25.86 0.86 -5.01	26.50 0.89 -4.84	26.22 0.93 -5.09	30.71 0.86 -10.39	33.64 0.93 -12.55	36.81 0.97 -14.73	33.71 1.12 -8.19	36.35 1.32 -7.03	33.63 1.33 -5.09	33.81 1.29 -5.00	33.52 1.20 -6.19	32.80 1.19 -5.85	33.06 1.41 -2.81	36.93 1.63 -1.38	40.47 1.62 -5.03	44.29 2.02 -0.08	50.24 2.12 0.00	45.22 1.91 0.00	37.45 1.51 0.00	33.03 1.18 0.00	31.38 1.03 0.00
RANKINE____ 23646	21.97 -2.42 -0.45	19.56 -2.19 -0.52	19.95 -2.18 -0.29	18.92 -2.04 -0.96	19.07 -2.12 -0.43	19.07 -2.04 -0.91	19.62 -1.85 -2.00	20.30 -2.10 -2.24	20.15 -2.22 -1.26	22.44 -2.66 -0.71	25.53 -3.08 -0.61	24.76 -2.88 -0.45	24.72 -2.81 -0.01	23.86 -2.77 -0.50	23.58 -2.65 -0.47	25.95 -2.88 0.00	30.49 -3.53 -0.10	30.70 -3.52 -0.40	37.93 -4.26 -0.01	43.31 -4.81 0.00	38.90 -4.42 0.00	32.92 -3.02 0.00	29.30 -2.55 0.00	27.86 -2.49 0.00
RAVENSWOOD_GT2_1 24244	30.76 1.41 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.80 1.23 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.51 1.49 -8.63	37.15 1.74 -7.41	34.34 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.55 1.62 -6.16	33.73 1.93 -2.96	37.68 2.31 -1.46	41.45 2.33 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.04 2.73 0.00	38.09 2.16 0.00	33.57 1.72 0.00	31.92 1.58 0.00

RAVENSWOOD_GT2_2 24245	30.76 1.41 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.80 1.23 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.51 1.49 -8.63	37.15 1.74 -7.41	34.34 1.77 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.55 1.62 -6.16	33.73 1.93 -2.96	37.68 2.31 -1.46	41.45 2.33 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.04 2.73 0.00	38.09 2.16 0.00	33.57 1.72 0.00	31.92 1.58 0.00
RAVENSWOOD_GT2_3 24246	30.78 1.44 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.51 1.49 -8.63	37.18 1.76 -7.41	34.36 1.80 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.55 1.62 -6.16	33.76 1.96 -2.96	37.71 2.34 -1.46	41.45 2.33 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.09 2.77 0.00	38.13 2.19 0.00	33.57 1.72 0.00	31.92 1.58 0.00
RAVENSWOOD_GT2_4 24247	30.78 1.44 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.82 1.25 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.51 1.49 -8.63	37.18 1.76 -7.41	34.36 1.80 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.55 1.62 -6.16	33.76 1.96 -2.96	37.71 2.34 -1.46	41.45 2.33 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.09 2.77 0.00	38.13 2.19 0.00	33.57 1.72 0.00	31.92 1.58 0.00
RAVENSWOOD_GT3_1 24248	30.78 1.44 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.80 1.23 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.51 1.49 -8.63	37.15 1.74 -7.41	34.36 1.80 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.55 1.62 -6.16	33.73 1.93 -2.96	37.68 2.31 -1.46	41.45 2.33 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.04 2.73 0.00	38.09 2.16 0.00	33.57 1.72 0.00	31.92 1.58 0.00
RAVENSWOOD_GT3_2 24249	30.78 1.44 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.80 1.23 -5.36	31.57 1.15 -10.95	34.60 1.21 -13.23	37.90 1.27 -15.53	34.51 1.49 -8.63	37.15 1.74 -7.41	34.36 1.80 -5.37	34.55 1.76 -5.27	34.30 1.65 -6.52	33.55 1.62 -6.16	33.73 1.93 -2.96	37.68 2.31 -1.46	41.45 2.33 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.04 2.73 0.00	38.09 2.16 0.00	33.57 1.72 0.00	31.92 1.58 0.00
RAVENSWOOD_GT3_3 24250	30.81 1.46 -5.41	28.76 1.30 -6.23	26.62 1.33 -3.44	26.47 1.20 -5.28	27.11 1.25 -5.10	26.82 1.25 -5.36	31.59 1.17 -10.95	34.62 1.23 -13.23	37.92 1.29 -15.53	34.54 1.51 -8.63	37.21 1.79 -7.41	34.39 1.82 -5.37	34.58 1.79 -5.27	34.32 1.67 -6.52	33.58 1.65 -6.16	33.79 1.99 -2.96	37.71 2.34 -1.46	41.48 2.37 -5.30	45.22 2.95 -0.09	51.20 3.08 0.00	46.09 2.77 0.00	38.13 2.19 0.00	33.60 1.75 0.00	31.95 1.61 0.00
RAVENSWOOD_GT3_4 24251	30.81 1.46 -5.41	28.76 1.30 -6.23	26.62 1.33 -3.44	26.47 1.20 -5.28	27.11 1.25 -5.10	26.82 1.25 -5.36	31.59 1.17 -10.95	34.62 1.23 -13.23	37.92 1.29 -15.53	34.54 1.51 -8.63	37.21 1.79 -7.41	34.39 1.82 -5.37	34.58 1.79 -5.27	34.32 1.67 -6.52	33.58 1.65 -6.16	33.79 1.99 -2.96	37.71 2.34 -1.46	41.48 2.37 -5.30	45.22 2.95 -0.09	51.20 3.08 0.00	46.09 2.77 0.00	38.13 2.19 0.00	33.60 1.75 0.00	31.95 1.61 0.00
RAVENSWOOD_GT_1 23729	33.86 1.56 -8.37	29.97 1.38 -7.36	26.73 1.42 -3.47	26.58 1.28 -5.30	27.20 1.33 -5.11	26.94 1.35 -5.39	34.49 1.25 -13.77	36.93 1.31 -15.46	39.51 1.35 -17.05	36.63 1.61 -10.62	39.45 1.90 -9.54	38.85 1.93 -9.72	39.32 1.90 -9.90	37.31 1.78 -9.40	38.64 1.75 -11.13	38.74 2.08 -7.83	42.22 2.48 -5.82	45.28 2.50 -8.96	47.33 3.12 -2.02	51.40 3.22 -0.05	47.73 2.95 -1.47	40.14 2.34 -1.87	36.37 1.91 -2.61	34.27 1.73 -2.20
RAVENSWOOD_GT_10 24258	30.72 1.41 -5.37	28.74 1.27 -6.23	26.58 1.29 -3.44	26.45 1.18 -5.28	27.07 1.20 -5.10	26.80 1.23 -5.36	31.51 1.15 -10.89	34.55 1.21 -13.18	37.90 1.27 -15.53	34.49 1.46 -8.63	37.11 1.74 -7.37	34.12 1.77 -5.15	34.32 1.76 -5.04	34.24 1.65 -6.46	33.30 1.62 -5.91	33.49 1.93 -2.72	37.46 2.31 -1.24	41.23 2.30 -5.11	45.04 2.87 0.01	51.15 3.03 0.00	45.97 2.73 0.07	38.05 2.16 0.04	33.52 1.72 0.05	31.89 1.55 0.00
RAVENSWOOD_GT_11 24259	30.72 1.41 -5.37	28.74 1.27 -6.23	26.58 1.29 -3.44	26.45 1.18 -5.28	27.07 1.20 -5.10	26.80 1.23 -5.36	31.51 1.15 -10.89	34.55 1.21 -13.18	37.90 1.27 -15.53	34.49 1.46 -8.63	37.11 1.74 -7.37	34.12 1.77 -5.15	34.32 1.76 -5.04	34.24 1.65 -6.46	33.30 1.62 -5.91	33.49 1.93 -2.72	37.46 2.31 -1.24	41.23 2.30 -5.11	45.04 2.87 0.01	51.15 3.03 0.00	45.97 2.73 0.07	38.05 2.16 0.04	33.52 1.72 0.05	31.89 1.55 0.00
RAVENSWOOD_GT_4 24252	32.36 1.39 -7.04	29.58 1.25 -7.09	26.58 1.29 -3.45	26.44 1.16 -5.28	27.07 1.20 -5.10	26.78 1.21 -5.37	32.82 1.13 -12.22	35.58 1.19 -14.23	39.04 1.25 -16.69	36.01 1.46 -10.15	38.10 1.71 -8.39	34.34 1.77 -5.37	34.53 1.73 -5.28	35.57 1.62 -7.82	33.53 1.60 -6.17	33.71 1.90 -2.97	37.65 2.27 -1.46	41.42 2.30 -5.30	45.13 2.87 -0.08	51.11 2.98 -0.01	46.00 2.69 -0.01	38.90 2.12 -0.84	34.71 1.69 -1.17	33.54 1.52 -1.68
RAVENSWOOD_GT_5 24254	32.36 1.39 -7.04	29.58 1.25 -7.09	26.58 1.29 -3.45	26.44 1.16 -5.28	27.07 1.20 -5.10	26.78 1.21 -5.37	32.82 1.13 -12.22	35.58 1.19 -14.23	39.04 1.25 -16.69	36.01 1.46 -10.15	38.10 1.71 -8.39	34.34 1.77 -5.37	34.53 1.73 -5.28	35.57 1.62 -7.82	33.53 1.60 -6.17	33.71 1.90 -2.97	37.65 2.27 -1.46	41.42 2.30 -5.30	45.13 2.87 -0.08	51.11 2.98 -0.01	46.00 2.69 -0.01	38.90 2.12 -0.84	34.71 1.69 -1.17	33.54 1.52 -1.68
RAVENSWOOD_GT_6 24253	32.36 1.39 -7.04	29.58 1.25 -7.09	26.58 1.29 -3.45	26.44 1.16 -5.28	27.07 1.20 -5.10	26.78 1.21 -5.37	32.82 1.13 -12.22	35.58 1.19 -14.23	39.04 1.25 -16.69	36.01 1.46 -10.15	38.10 1.71 -8.39	34.34 1.77 -5.37	34.53 1.73 -5.28	35.57 1.62 -7.82	33.53 1.60 -6.17	33.71 1.90 -2.97	37.65 2.27 -1.46	41.42 2.30 -5.30	45.13 2.87 -0.08	51.11 2.98 -0.01	46.00 2.69 -0.01	38.90 2.12 -0.84	34.71 1.69 -1.17	33.54 1.52 -1.68
RAVENSWOOD_GT_7 24255	32.36 1.39 -7.04	29.58 1.25 -7.09	26.58 1.29 -3.45	26.44 1.16 -5.28	27.07 1.20 -5.10	26.78 1.21 -5.37	32.82 1.13 -12.22	35.58 1.19 -14.23	39.04 1.25 -16.69	36.01 1.46 -10.15	38.10 1.71 -8.39	34.34 1.77 -5.37	34.53 1.73 -5.28	35.57 1.62 -7.82	33.53 1.60 -6.17	33.71 1.90 -2.97	37.65 2.27 -1.46	41.42 2.30 -5.30	45.13 2.87 -0.08	51.11 2.98 -0.01	46.00 2.69 -0.01	38.90 2.12 -0.84	34.71 1.69 -1.17	33.54 1.52 -1.68
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.72 1.41 -5.37	28.74 1.27 -6.23	26.58 1.29 -3.44	26.45 1.18 -5.28	27.07 1.20 -5.10	26.80 1.23 -5.36	31.51 1.15 -10.89	34.55 1.21 -13.18	37.90 1.27 -15.53	34.49 1.46 -8.63	37.11 1.74 -7.37	34.12 1.77 -5.15	34.32 1.76 -5.04	34.24 1.65 -6.46	33.30 1.62 -5.91	33.49 1.93 -2.72	37.46 2.31 -1.24	41.23 2.30 -5.11	45.04 2.87 0.01	51.15 3.03 0.00	45.97 2.73 0.07	38.05 2.16 0.04	33.52 1.72 0.05	31.89 1.55 0.00

RAVENSWOOD_GT_9 24257	30.72 1.41 -5.37	28.74 1.27 -6.23	26.58 1.29 -3.44	26.45 1.18 -5.28	27.07 1.20 -5.10	26.80 1.23 -5.36	31.51 1.15 -10.89	34.55 1.21 -13.18	37.90 1.27 -15.53	34.49 1.46 -8.63	37.11 1.74 -7.37	34.12 1.77 -5.15	34.32 1.76 -5.04	34.24 1.65 -6.46	33.30 1.62 -5.91	33.49 1.93 -2.72	37.46 2.31 -1.24	41.23 2.30 -5.11	45.04 2.87 0.01	51.15 3.03 0.00	45.97 2.73 0.07	38.05 2.16 0.04	33.52 1.72 0.05	31.89 1.55 0.00
RAVENSWOOD___1 23533	31.31 1.55 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.20 1.33 -5.11	26.91 1.33 -5.37	32.24 1.25 -11.52	35.31 1.47 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.74 1.91 -7.83	36.85 2.12 -7.53	37.18 2.09 -7.57	35.01 1.78 -7.10	36.38 1.98 -8.63	36.52 2.31 -5.38	40.26 2.71 -3.62	43.43 2.50 -7.11	46.65 3.42 -1.06	51.61 3.47 -0.02	47.38 3.34 -0.73	39.01 2.70 -0.38	34.45 2.07 -0.53	32.05 1.70 -0.01
RAVENSWOOD___2 23534	31.31 1.55 -5.82	28.85 1.38 -6.24	26.72 1.42 -3.45	26.56 1.28 -5.28	27.18 1.31 -5.11	26.91 1.33 -5.37	32.24 1.25 -11.52	35.31 1.47 -13.68	37.99 1.35 -15.53	34.64 1.61 -8.63	37.71 1.88 -7.83	36.84 2.12 -7.52	37.17 2.09 -7.56	35.01 1.78 -7.10	36.34 1.96 -8.62	36.51 2.31 -5.37	40.25 2.71 -3.61	43.43 2.50 -7.11	46.61 3.38 -1.05	51.61 3.47 -0.02	47.37 3.34 -0.73	38.98 2.66 -0.38	34.44 2.07 -0.53	32.05 1.70 -0.01
RAVENSWOOD___3 23535	30.78 1.44 -5.41	28.74 1.27 -6.23	26.60 1.31 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.80 1.23 -5.36	31.57 1.15 -10.95	34.62 1.23 -13.23	37.90 1.27 -15.53	34.52 1.49 -8.63	37.15 1.74 -7.41	34.39 1.82 -5.37	34.58 1.79 -5.27	34.30 1.65 -6.52	33.60 1.67 -6.16	33.76 1.96 -2.96	37.71 2.34 -1.46	41.45 2.33 -5.30	45.22 2.95 -0.09	51.16 3.03 0.00	46.13 2.81 0.00	38.17 2.23 0.00	33.60 1.75 0.00	31.89 1.55 0.00
RAVENSWOOD___4 23820	28.78 1.53 -3.31	27.73 1.36 -5.14	26.68 1.40 -3.44	26.53 1.26 -5.27	27.18 1.31 -5.11	26.89 1.33 -5.35	30.02 1.25 -9.30	33.54 1.45 -11.93	36.47 1.33 -14.03	32.68 1.61 -6.67	36.03 1.88 -6.15	34.65 2.09 -5.36	34.87 2.09 -5.26	32.75 1.78 -4.84	33.88 1.96 -6.15	34.07 2.28 -2.95	38.08 2.71 -1.45	41.57 2.47 -5.29	45.65 3.38 -0.10	51.53 3.42 0.01	46.60 3.29 0.01	37.51 2.66 1.09	32.37 2.04 1.52	29.77 1.67 2.24
RCPL_TRUST___DRP 24196	30.73 1.39 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.80 1.23 -5.36	31.55 1.13 -10.95	34.58 1.19 -13.23	37.90 1.27 -15.53	34.49 1.46 -8.63	37.15 1.74 -7.41	34.34 1.77 -5.37	34.52 1.73 -5.27	34.27 1.62 -6.52	33.52 1.60 -6.16	33.73 1.93 -2.96	37.68 2.31 -1.46	41.41 2.30 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.04 2.73 0.00	38.09 2.16 0.00	33.54 1.69 0.00	31.86 1.52 0.00
RED___ROCHESTER 323720	23.19 -1.20 -0.45	20.69 -1.06 -0.52	21.07 -1.07 -0.29	19.76 -1.00 -0.76	20.11 -1.08 -0.43	19.92 -1.01 -0.72	20.07 -0.97 -1.57	20.80 -1.15 -1.79	21.20 -1.18 -1.27	23.64 -1.46 -0.71	26.80 -1.82 -0.61	25.94 -1.71 -0.45	26.16 -1.62 -0.26	24.95 -1.70 -0.52	24.55 -1.70 -0.49	26.81 -2.16 -0.14	31.62 -2.41 -0.11	32.00 -2.23 -0.42	39.53 -2.66 -0.01	45.28 -2.84 0.00	40.59 -2.73 0.00	34.00 -1.94 0.00	30.26 -1.59 0.00	28.76 -1.58 0.00
REGAN___SOLAR 323812	32.49 1.29 -7.26	30.68 1.08 -8.36	27.58 1.11 -4.62	28.08 1.00 -7.08	28.65 1.04 -6.85	28.41 1.01 -7.20	35.14 0.97 -14.70	38.87 0.95 -17.76	42.71 0.76 -20.84	36.81 0.83 -11.59	38.93 0.98 -9.95	35.38 0.98 -7.21	35.72 1.13 -7.07	35.93 1.05 -8.75	35.09 1.06 -8.27	34.05 1.24 -3.97	37.53 1.66 -1.95	42.92 1.99 -7.11	45.08 2.78 -0.12	51.40 3.27 0.00	46.13 2.81 0.00	38.17 2.23 0.00	33.66 1.81 0.00	31.95 1.61 0.00
RENSSELAER___COGEN 23796	31.43 0.93 -6.56	29.62 0.83 -7.56	26.87 0.85 -4.18	27.16 0.76 -6.40	27.74 0.79 -6.19	27.47 0.77 -6.50	33.49 0.74 -13.28	36.95 0.75 -16.04	40.74 0.80 -18.83	35.79 0.93 -10.47	38.05 1.06 -8.99	34.77 1.06 -6.51	34.98 1.07 -6.39	35.06 1.02 -7.91	34.24 1.00 -7.47	33.64 1.21 -3.59	37.11 1.42 -1.76	41.63 1.39 -6.43	44.06 1.77 -0.11	50.05 1.93 0.00	45.00 1.69 0.00	37.30 1.37 0.00	33.03 1.18 0.00	31.43 1.09 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.76 2.03 -6.79	30.81 1.76 -7.81	27.96 1.79 -4.32	28.21 1.60 -6.62	28.82 1.66 -6.40	28.56 1.64 -6.72	34.82 1.62 -13.73	38.32 1.57 -16.59	42.27 1.69 -19.47	37.32 2.10 -10.83	39.82 2.52 -9.29	36.46 2.53 -6.73	36.74 2.61 -6.61	36.76 2.46 -8.18	35.91 2.42 -7.73	35.37 2.83 -3.71	39.10 3.36 -1.82	43.81 3.35 -6.64	46.72 4.43 -0.11	53.37 5.25 0.00	47.77 4.46 0.00	39.35 3.41 0.00	34.68 2.83 0.00	32.92 2.58 0.00
REVERE_CPPR_DRP 24186	24.57 0.31 -0.33	21.84 0.23 -0.38	22.32 0.26 -0.21	20.56 0.24 -0.32	21.30 0.23 -0.31	20.75 0.22 -0.32	20.29 0.16 -0.66	21.16 0.20 -0.80	22.26 0.21 -0.94	25.11 0.20 -0.52	28.73 0.28 -0.45	27.74 0.22 -0.32	28.09 0.25 -0.32	26.73 0.21 -0.39	26.34 0.21 -0.37	29.30 0.29 -0.18	34.38 0.37 -0.09	34.61 0.47 -0.32	42.86 0.67 -0.01	49.13 1.01 0.00	44.18 0.87 0.00	36.62 0.68 0.00	32.36 0.51 0.00	30.74 0.39 0.00
REYNOLDS_115KV_TB3 80639	31.47 0.96 -6.57	29.65 0.85 -7.57	26.93 0.90 -4.18	27.21 0.80 -6.41	27.77 0.81 -6.20	27.50 0.79 -6.51	33.55 0.78 -13.30	37.01 0.79 -16.07	40.81 0.84 -18.86	35.86 0.98 -10.49	38.12 1.12 -9.00	34.81 1.09 -6.52	35.02 1.10 -6.40	35.09 1.05 -7.92	34.28 1.03 -7.49	33.70 1.27 -3.59	37.18 1.49 -1.77	41.67 1.42 -6.43	44.10 1.81 -0.11	50.10 1.97 0.00	45.00 1.69 0.00	37.30 1.37 0.00	33.06 1.21 0.00	31.47 1.12 0.00
RIVERBAY____ 323610	30.89 1.53 -5.42	28.94 1.47 -6.24	26.78 1.49 -3.45	26.64 1.36 -5.28	27.29 1.41 -5.11	26.99 1.41 -5.37	31.67 1.25 -10.96	34.69 1.31 -13.22	37.99 1.35 -15.53	34.61 1.59 -8.63	37.28 1.88 -7.40	34.44 1.88 -5.36	34.62 1.84 -5.26	34.39 1.75 -6.51	33.62 1.70 -6.15	33.84 2.05 -2.95	37.81 2.44 -1.45	41.58 2.47 -5.29	45.34 3.08 -0.08	51.29 3.18 0.01	46.25 2.95 0.01	38.23 2.30 0.01	33.70 1.85 -0.01	32.04 1.70 0.00
RIVERSDE_115KV_TB3 55908	31.48 0.96 -6.59	29.69 0.87 -7.59	26.93 0.90 -4.19	27.22 0.80 -6.42	27.81 0.83 -6.21	27.54 0.81 -6.53	33.58 0.78 -13.33	37.05 0.79 -16.10	40.85 0.84 -18.90	35.90 1.00 -10.51	38.14 1.12 -9.02	34.85 1.12 -6.53	35.06 1.13 -6.41	35.14 1.07 -7.94	34.32 1.06 -7.50	33.74 1.30 -3.60	37.22 1.53 -1.77	41.72 1.45 -6.45	44.15 1.86 -0.11	50.15 2.02 0.00	45.05 1.73 0.00	37.34 1.40 0.00	33.09 1.24 0.00	31.47 1.12 0.00
ROARING___BROOK_WT_PWR 323790	23.17 -0.77 0.00	20.55 -0.68 0.00	21.15 -0.70 0.00	19.36 -0.64 0.00	20.10 -0.67 0.00	19.54 -0.67 0.00	18.83 -0.64 0.00	19.54 -0.63 0.00	20.45 -0.65 0.00	23.66 -0.73 0.00	27.17 -0.84 0.00	26.39 -0.82 0.00	26.69 -0.82 0.00	25.35 -0.78 0.00	24.99 -0.77 0.00	27.97 -0.86 0.00	32.90 -1.02 0.00	32.84 -0.98 0.00	41.00 -1.18 0.00	46.83 -1.30 0.00	42.27 -1.04 0.00	35.07 -0.86 0.00	31.12 -0.73 0.00	29.68 -0.67 0.00

ROCHESRG_115KV_T4 355643	23.02 -1.36 -0.45	20.56 -1.19 -0.52	20.91 -1.22 -0.29	19.61 -1.14 -0.75	19.99 -1.20 -0.43	19.77 -1.15 -0.72	19.98 -1.05 -1.56	20.71 -1.23 -1.78	21.06 -1.33 -1.28	23.45 -1.66 -0.72	26.55 -2.07 -0.62	25.72 -1.93 -0.45	25.93 -1.84 -0.26	24.72 -1.93 -0.52	24.35 -1.91 -0.49	26.67 -2.31 -0.14	31.31 -2.71 -0.11	31.67 -2.57 -0.42	39.19 -2.99 -0.01	44.76 -3.37 0.00	40.24 -3.08 0.00	33.71 -2.23 0.00	29.94 -1.91 0.00	28.46 -1.88 0.00
ROCHESTER_9_IC 23652	23.12 -1.27 -0.45	20.63 -1.13 -0.52	21.00 -1.14 -0.29	19.69 -1.06 -0.76	20.05 -1.14 -0.43	19.86 -1.07 -0.72	20.05 -0.99 -1.57	20.80 -1.15 -1.79	21.14 -1.25 -1.27	23.55 -1.56 -0.71	26.69 -1.93 -0.61	25.85 -1.80 -0.45	26.08 -1.71 -0.26	24.85 -1.80 -0.52	24.48 -1.78 -0.49	26.81 -2.16 -0.14	31.48 -2.54 -0.11	31.84 -2.40 -0.42	39.41 -2.78 -0.01	45.04 -3.08 0.00	40.45 -2.86 0.00	33.92 -2.01 0.00	30.13 -1.72 0.00	28.61 -1.73 0.00
ROCKVIEW_13_KV_LD 356306	30.73 1.39 -5.41	28.70 1.23 -6.23	26.56 1.27 -3.44	26.39 1.12 -5.28	27.05 1.18 -5.10	26.76 1.19 -5.36	31.55 1.13 -10.95	34.58 1.19 -13.23	37.88 1.25 -15.53	34.49 1.46 -8.63	37.12 1.71 -7.41	34.31 1.74 -5.37	34.52 1.73 -5.27	34.27 1.62 -6.52	33.53 1.60 -6.16	33.73 1.93 -2.96	37.65 2.27 -1.46	41.41 2.30 -5.30	45.14 2.87 -0.09	51.16 3.03 0.00	46.04 2.73 0.00	38.09 2.16 0.00	33.57 1.72 0.00	31.89 1.55 0.00
ROME____115KV_TB2 80656	24.57 0.31 -0.33	21.84 0.23 -0.38	22.32 0.26 -0.21	20.56 0.24 -0.32	21.30 0.23 -0.31	20.75 0.22 -0.32	20.29 0.16 -0.66	21.16 0.20 -0.80	22.26 0.21 -0.94	25.11 0.20 -0.52	28.73 0.28 -0.45	27.74 0.22 -0.32	28.09 0.25 -0.32	26.73 0.21 -0.39	26.34 0.21 -0.37	29.30 0.29 -0.18	34.38 0.37 -0.09	34.61 0.47 -0.32	42.86 0.67 -0.01	49.13 1.01 0.00	44.18 0.87 0.00	36.62 0.68 0.00	32.36 0.51 0.00	30.74 0.39 0.00
ROSETON___1 23587	30.39 1.08 -5.37	28.38 0.96 -6.19	26.25 0.98 -3.42	26.12 0.88 -5.24	26.77 0.94 -5.07	26.48 0.95 -5.33	31.24 0.90 -10.87	34.25 0.95 -13.14	37.52 0.99 -15.42	34.11 1.15 -8.57	36.71 1.34 -7.36	33.89 1.36 -5.33	34.10 1.35 -5.23	33.83 1.23 -6.48	33.12 1.24 -6.12	33.25 1.47 -2.94	37.09 1.73 -1.45	40.80 1.72 -5.26	44.42 2.15 -0.09	50.39 2.26 0.00	45.35 2.04 0.00	37.56 1.62 0.00	33.12 1.28 0.00	31.47 1.12 0.00
ROSETON___2 23588	30.39 1.08 -5.37	28.38 0.96 -6.19	26.25 0.98 -3.42	26.12 0.88 -5.24	26.77 0.94 -5.07	26.48 0.95 -5.33	31.24 0.90 -10.87	34.25 0.95 -13.14	37.52 0.99 -15.42	34.11 1.15 -8.57	36.71 1.34 -7.36	33.89 1.36 -5.33	34.10 1.35 -5.23	33.83 1.23 -6.48	33.12 1.24 -6.12	33.25 1.47 -2.94	37.09 1.73 -1.45	40.80 1.72 -5.26	44.42 2.15 -0.09	50.39 2.26 0.00	45.35 2.04 0.00	37.56 1.62 0.00	33.12 1.28 0.00	31.47 1.12 0.00
ROTRDAM_115KV_TB3 80664	31.52 0.72 -6.86	29.77 0.64 -7.90	26.87 0.66 -4.37	27.29 0.60 -6.69	27.86 0.62 -6.47	27.61 0.61 -6.80	33.94 0.58 -13.89	37.52 0.58 -16.78	41.39 0.59 -19.69	36.03 0.68 -10.95	38.19 0.78 -9.40	34.80 0.79 -6.81	35.03 0.83 -6.68	35.16 0.76 -8.27	34.33 0.75 -7.82	33.51 0.92 -3.75	36.85 1.09 -1.85	41.65 1.12 -6.72	43.77 1.48 -0.11	49.76 1.64 0.00	44.70 1.39 0.00	37.05 1.11 0.00	32.77 0.92 0.00	31.19 0.85 0.00
RUSSELL___1 23602	23.19 -1.20 -0.45	20.69 -1.06 -0.52	21.07 -1.07 -0.29	19.75 -1.00 -0.76	20.11 -1.08 -0.43	19.92 -1.01 -0.72	20.11 -0.93 -1.57	20.86 -1.09 -1.79	21.20 -1.18 -1.27	23.64 -1.46 -0.71	26.80 -1.82 -0.61	25.99 -1.66 -0.45	26.21 -1.57 -0.26	24.95 -1.70 -0.52	24.58 -1.67 -0.49	26.96 -2.02 -0.14	31.69 -2.34 -0.11	32.01 -2.23 -0.42	39.62 -2.57 -0.01	45.28 -2.84 0.00	40.71 -2.60 0.00	34.10 -1.83 0.00	30.26 -1.59 0.00	28.74 -1.61 0.00
RUSSELL___2 23532	23.19 -1.20 -0.45	20.69 -1.06 -0.52	21.07 -1.07 -0.29	19.75 -1.00 -0.76	20.11 -1.08 -0.43	19.92 -1.01 -0.72	20.11 -0.93 -1.57	20.86 -1.09 -1.79	21.20 -1.18 -1.27	23.64 -1.46 -0.71	26.80 -1.82 -0.61	25.99 -1.66 -0.45	26.21 -1.57 -0.26	24.95 -1.70 -0.52	24.58 -1.67 -0.49	26.96 -2.02 -0.14	31.69 -2.34 -0.11	32.01 -2.23 -0.42	39.62 -2.57 -0.01	45.28 -2.84 0.00	40.71 -2.60 0.00	34.10 -1.83 0.00	30.26 -1.59 0.00	28.74 -1.61 0.00
RUSSELL___3 23549	23.19 -1.20 -0.45	20.69 -1.06 -0.52	21.07 -1.07 -0.29	19.75 -1.00 -0.76	20.11 -1.08 -0.43	19.92 -1.01 -0.72	20.11 -0.93 -1.57	20.86 -1.09 -1.79	21.20 -1.18 -1.27	23.64 -1.46 -0.71	26.80 -1.82 -0.61	25.99 -1.66 -0.45	26.21 -1.57 -0.26	24.95 -1.70 -0.52	24.58 -1.67 -0.49	26.96 -2.02 -0.14	31.69 -2.34 -0.11	32.01 -2.23 -0.42	39.62 -2.57 -0.01	45.28 -2.84 0.00	40.71 -2.60 0.00	34.10 -1.83 0.00	30.26 -1.59 0.00	28.74 -1.61 0.00
RUSSELL___4 23556	23.19 -1.20 -0.45	20.69 -1.06 -0.52	21.07 -1.07 -0.29	19.75 -1.00 -0.76	20.11 -1.08 -0.43	19.92 -1.01 -0.72	20.11 -0.93 -1.57	20.86 -1.09 -1.79	21.20 -1.18 -1.27	23.64 -1.46 -0.71	26.80 -1.82 -0.61	25.99 -1.66 -0.45	26.21 -1.57 -0.26	24.95 -1.70 -0.52	24.58 -1.67 -0.49	26.96 -2.02 -0.14	31.69 -2.34 -0.11	32.01 -2.23 -0.42	39.62 -2.57 -0.01	45.28 -2.84 0.00	40.71 -2.60 0.00	34.10 -1.83 0.00	30.26 -1.59 0.00	28.74 -1.61 0.00
RUSSELL___STATION 23914	23.19 -1.20 -0.45	20.69 -1.06 -0.52	21.07 -1.07 -0.29	19.75 -1.00 -0.76	20.11 -1.08 -0.43	19.92 -1.01 -0.72	20.11 -0.93 -1.57	20.86 -1.09 -1.79	21.20 -1.18 -1.27	23.64 -1.46 -0.71	26.80 -1.82 -0.61	25.99 -1.66 -0.45	26.21 -1.57 -0.26	24.95 -1.70 -0.52	24.58 -1.67 -0.49	26.96 -2.02 -0.14	31.69 -2.34 -0.11	32.01 -2.23 -0.42	39.62 -2.57 -0.01	45.28 -2.84 0.00	40.71 -2.60 0.00	34.10 -1.83 0.00	30.26 -1.59 0.00	28.74 -1.61 0.00
S SALMON___HYD 24043	23.63 -0.79 -0.48	21.06 -0.72 -0.55	21.41 -0.74 -0.31	19.77 -0.70 -0.47	20.45 -0.77 -0.45	19.95 -0.73 -0.48	19.70 -0.74 -0.97	20.57 -0.77 -1.17	21.68 -0.80 -1.38	24.18 -0.98 -0.77	27.57 -1.09 -0.66	26.56 -1.12 -0.48	26.91 -1.07 -0.47	25.64 -1.07 -0.58	25.25 -1.06 -0.55	27.86 -1.24 -0.26	32.69 -1.36 -0.13	33.00 -1.29 -0.47	40.71 -1.48 -0.01	46.68 -1.44 0.00	41.97 -1.34 0.00	34.82 -1.11 0.00	30.86 -0.99 0.00	29.43 -0.91 0.00
S.PERRY__115KV_TB1 80734	22.91 -1.24 -0.22	20.39 -1.10 -0.26	20.86 -1.14 -0.15	19.98 -1.04 -1.02	19.85 -1.12 -0.21	20.06 -1.07 -0.92	20.57 -1.01 -2.11	21.25 -1.19 -2.28	20.33 -1.37 -0.59	22.98 -1.76 -0.34	26.09 -2.21 -0.30	25.25 -2.18 -0.22	26.57 -2.15 -1.20	24.14 -2.19 -0.21	23.90 -2.06 -0.20	27.02 -2.39 -0.57	31.26 -2.68 -0.02	31.55 -2.43 -0.16	39.74 -2.45 -0.01	45.96 -2.17 0.00	41.41 -1.91 0.00	34.75 -1.19 0.00	30.83 -1.02 0.00	29.28 -1.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.01 -2.37 -0.45	19.65 -2.10 -0.52	20.02 -2.12 -0.29	18.95 -1.98 -0.93	19.11 -2.08 -0.42	19.10 -1.98 -0.88	19.61 -1.79 -1.93	20.25 -2.08 -2.16	20.13 -2.24 -1.26	22.37 -2.73 -0.71	25.31 -3.30 -0.61	24.57 -3.07 -0.45	24.50 -3.00 0.02	23.63 -3.00 -0.50	23.33 -2.91 -0.47	25.54 -3.29 0.01	30.02 -4.00 -0.10	30.33 -3.89 -0.41	37.51 -4.68 -0.01	42.83 -5.29 0.00	38.46 -4.85 0.00	32.56 -3.38 0.00	28.98 -2.87 0.00	27.55 -2.79 0.00

SAWYER___23_KV_LOAD 55526	22.01 -2.37 -0.45	19.65 -2.10 -0.52	20.02 -2.12 -0.29	18.95 -1.98 -0.93	19.11 -2.08 -0.42	19.10 -1.98 -0.88	19.61 -1.79 -1.93	20.25 -2.08 -2.16	20.13 -2.24 -1.26	22.37 -2.73 -0.71	25.31 -3.30 -0.61	24.57 -3.07 -0.45	24.50 -3.00 0.02	23.63 -2.91 -0.50	23.33 -3.29 -0.47	25.54 -3.29 0.01	30.02 -4.00 -0.10	30.33 -3.89 -0.41	37.51 -4.68 -0.01	42.83 -5.29 0.00	38.46 -4.85 0.00	32.56 -3.38 0.00	28.98 -2.87 0.00	27.55 -2.79 0.00
SELKIRK___I 23801	31.27 0.86 -6.47	29.43 0.74 -7.45	26.75 0.79 -4.12	27.03 0.72 -6.31	27.59 0.73 -6.11	27.32 0.71 -6.42	33.25 0.68 -13.10	36.65 0.66 -15.82	40.40 0.72 -18.57	35.55 0.83 -10.33	37.82 0.95 -8.86	34.55 0.93 -6.42	34.76 0.94 -6.30	34.82 0.89 -7.80	34.04 0.90 -7.37	33.47 1.10 -3.54	36.95 1.29 -1.74	41.41 1.25 -6.34	43.93 1.64 -0.11	49.95 1.83 0.00	44.92 1.60 0.00	37.23 1.29 0.00	32.96 1.11 0.00	31.38 1.03 0.00
SELKIRK___II 23799	31.29 0.81 -6.54	29.48 0.72 -7.53	26.75 0.74 -4.16	27.05 0.68 -6.37	27.61 0.68 -6.17	27.34 0.67 -6.48	33.36 0.66 -13.22	36.80 0.66 -15.98	40.56 0.70 -18.75	35.62 0.80 -10.43	37.88 0.92 -8.95	34.61 0.93 -6.48	34.82 0.94 -6.36	34.87 0.86 -7.87	34.09 0.88 -7.44	33.48 1.07 -3.57	36.90 1.22 -1.76	41.43 1.22 -6.40	43.85 1.56 -0.11	49.81 1.68 0.00	44.83 1.52 0.00	37.16 1.22 0.00	32.90 1.05 0.00	31.29 0.94 0.00
SENECA OSWGO___HYD 24041	23.71 -0.77 -0.54	21.17 -0.68 -0.62	21.47 -0.72 -0.34	19.86 -0.66 -0.52	20.58 -0.68 -0.51	20.07 -0.67 -0.53	19.89 -0.66 -1.09	20.79 -0.69 -1.31	21.95 -0.70 -1.54	24.42 -0.83 -0.86	27.82 -0.92 -0.74	26.84 -0.90 -0.53	27.19 -0.85 -0.52	25.94 -0.84 -0.65	25.53 -0.85 -0.61	28.09 -1.04 -0.29	32.88 -1.19 -0.14	33.19 -1.15 -0.53	40.80 -1.39 -0.01	46.63 -1.49 0.00	41.88 -1.43 0.00	34.79 -1.15 0.00	30.89 -0.95 0.00	29.49 -0.85 0.00
SENECA___115KV_TB3 355854	21.99 -2.39 -0.45	19.58 -2.17 -0.52	19.98 -2.16 -0.29	18.94 -2.02 -0.96	19.09 -2.10 -0.43	19.09 -2.02 -0.91	19.64 -1.83 -2.00	20.32 -2.08 -2.24	20.17 -2.20 -1.26	22.46 -2.63 -0.71	25.59 -3.02 -0.61	24.79 -2.86 -0.45	24.78 -2.75 -0.01	23.91 -2.72 -0.50	23.64 -2.60 -0.47	26.01 -2.83 0.00	30.52 -3.49 -0.10	30.74 -3.48 -0.40	37.97 -4.22 -0.01	43.41 -4.72 0.00	38.98 -4.33 0.00	32.99 -2.95 0.00	29.33 -2.52 0.00	27.89 -2.46 0.00
SENECA___ENERGY 23797	23.76 -0.86 -0.69	21.26 -0.76 -0.79	21.48 -0.81 -0.44	20.06 -0.72 -0.78	20.64 -0.77 -0.65	20.25 -0.73 -0.78	20.39 -0.70 -1.62	21.32 -0.77 -1.92	22.29 -0.78 -1.96	24.56 -0.93 -1.09	27.85 -1.09 -0.94	26.82 -1.06 -0.68	27.21 -1.02 -0.71	25.93 -1.02 -0.82	25.53 -1.01 -0.77	28.02 -1.21 -0.39	32.78 -1.32 -0.18	33.27 -1.22 -0.67	40.76 -1.43 -0.01	46.68 -1.44 0.00	41.93 -1.39 0.00	34.89 -1.04 0.00	30.96 -0.89 0.00	29.53 -0.82 0.00
SHOEMAKER___GT 23640	29.72 0.89 -4.89	27.63 0.76 -5.64	25.75 0.79 -3.12	25.49 0.72 -4.77	26.17 0.79 -4.62	25.86 0.81 -4.85	30.13 0.76 -9.90	32.93 0.81 -11.96	35.96 0.80 -14.05	33.13 0.93 -7.81	35.77 1.06 -6.70	33.14 1.09 -4.86	33.39 1.10 -4.77	33.02 0.99 -5.90	32.32 0.98 -5.57	32.70 1.18 -2.68	36.59 1.36 -1.32	39.96 1.35 -4.79	43.91 1.64 -0.08	49.95 1.83 0.00	44.96 1.65 0.00	37.23 1.29 0.00	32.84 0.99 0.00	31.19 0.85 0.00
SHOEMAKR_138KV_BK 111 55601	29.66 0.86 -4.86	27.60 0.76 -5.60	25.73 0.79 -3.10	25.46 0.72 -4.74	26.14 0.79 -4.59	25.81 0.79 -4.82	30.05 0.74 -9.84	32.83 0.79 -11.89	35.86 0.80 -13.95	33.08 0.93 -7.76	35.76 1.09 -6.66	33.11 1.09 -4.82	33.36 1.10 -4.74	32.98 0.99 -5.86	32.28 0.98 -5.54	32.68 1.18 -2.66	36.58 1.36 -1.31	39.93 1.35 -4.76	43.91 1.65 -0.08	49.95 1.83 0.00	44.92 1.60 0.00	37.19 1.26 0.00	32.84 0.99 0.00	31.22 0.88 0.00
SHOREHAM_IC_1 23715	31.00 1.65 -5.41	28.67 1.21 -6.23	26.58 1.29 -3.44	26.27 1.00 -5.28	26.86 1.00 -5.10	26.63 1.07 -5.36	31.59 1.17 -10.95	35.20 1.82 -13.22	38.47 1.84 -15.52	34.73 1.71 -8.63	36.81 1.40 -7.41	33.74 1.17 -5.37	33.92 1.13 -5.27	33.72 1.07 -6.52	33.03 1.11 -6.16	33.21 1.41 -2.96	37.17 1.80 -1.45	41.18 2.06 -5.30	44.76 2.49 -0.09	50.43 2.31 0.00	45.35 2.04 0.00	38.02 2.08 0.00	32.84 0.99 0.00	31.19 0.85 0.00
SHOREHAM_IC_2 23716	31.00 1.65 -5.41	28.67 1.21 -6.23	26.58 1.29 -3.44	26.27 1.00 -5.28	26.86 1.00 -5.10	26.63 1.07 -5.36	31.59 1.17 -10.95	35.20 1.82 -13.22	38.47 1.84 -15.52	34.73 1.71 -8.63	36.81 1.40 -7.41	33.74 1.17 -5.37	33.92 1.13 -5.27	33.72 1.07 -6.52	33.03 1.11 -6.16	33.21 1.41 -2.96	37.17 1.80 -1.45	41.18 2.06 -5.30	44.76 2.49 -0.09	50.43 2.31 0.00	45.35 2.04 0.00	38.02 2.08 0.00	32.84 0.99 0.00	31.19 0.85 0.00
SISSONVILLE___ 23735	23.51 -0.53 -0.10	20.88 -0.47 -0.11	24.66 -0.46 -3.27	23.60 -0.46 -4.06	24.44 -0.48 -4.16	22.79 -0.46 -3.05	22.06 -0.47 -3.06	23.96 -0.42 -4.22	25.10 -0.44 -4.43	28.77 -0.44 -4.82	32.81 -0.53 -5.34	31.73 -0.63 -5.16	32.04 -0.69 -5.20	30.61 -0.55 -5.03	30.19 -0.54 -4.97	33.47 -0.69 -5.33	39.25 -0.71 -6.05	39.09 -0.81 -6.08	48.31 -1.10 -7.22	54.27 -0.96 -7.10	42.58 -0.74 0.00	35.18 -0.75 0.00	31.24 -0.61 0.00	29.68 -0.67 0.00
SITHE_IND_GS1 24169	23.52 -0.86 -0.44	20.98 -0.76 -0.51	21.34 -0.79 -0.28	19.71 -0.72 -0.43	20.43 -0.75 -0.42	19.91 -0.73 -0.44	19.66 -0.70 -0.89	20.50 -0.75 -1.08	21.60 -0.78 -1.27	24.17 -0.93 -0.70	27.55 -1.06 -0.60	26.63 -1.01 -0.44	26.96 -0.99 -0.43	25.70 -0.97 -0.53	25.32 -0.95 -0.50	27.90 -1.18 -0.24	32.68 -1.36 -0.12	32.93 -1.32 -0.43	40.54 -1.65 -0.01	46.30 -1.83 0.00	41.62 -1.69 0.00	34.61 -1.33 0.00	30.73 -1.12 0.00	29.37 -0.97 0.00
SITHE_IND_GS2 24170	23.52 -0.86 -0.44	20.98 -0.76 -0.51	21.34 -0.79 -0.28	19.71 -0.72 -0.43	20.43 -0.75 -0.42	19.91 -0.73 -0.44	19.66 -0.70 -0.89	20.50 -0.75 -1.08	21.60 -0.78 -1.27	24.17 -0.93 -0.70	27.55 -1.06 -0.60	26.63 -1.01 -0.44	26.96 -0.99 -0.43	25.70 -0.97 -0.53	25.32 -0.95 -0.50	27.90 -1.18 -0.24	32.68 -1.36 -0.12	32.93 -1.32 -0.43	40.54 -1.65 -0.01	46.30 -1.83 0.00	41.62 -1.69 0.00	34.61 -1.33 0.00	30.73 -1.12 0.00	29.37 -0.97 0.00
SITHE_IND_GS3 24171	23.52 -0.86 -0.44	20.98 -0.76 -0.51	21.34 -0.79 -0.28	19.71 -0.72 -0.43	20.43 -0.75 -0.42	19.91 -0.73 -0.44	19.66 -0.70 -0.89	20.50 -0.75 -1.08	21.60 -0.78 -1.27	24.17 -0.93 -0.70	27.55 -1.06 -0.60	26.63 -1.01 -0.44	26.96 -0.99 -0.43	25.70 -0.97 -0.53	25.32 -0.95 -0.50	27.90 -1.18 -0.24	32.68 -1.36 -0.12	32.93 -1.32 -0.43	40.54 -1.65 -0.01	46.30 -1.83 0.00	41.62 -1.69 0.00	34.61 -1.33 0.00	30.73 -1.12 0.00	29.37 -0.97 0.00
SITHE_IND_GS4 24172	23.52 -0.86 -0.44	20.98 -0.76 -0.51	21.34 -0.79 -0.28	19.71 -0.72 -0.43	20.43 -0.75 -0.42	19.91 -0.73 -0.44	19.66 -0.70 -0.89	20.50 -0.75 -1.08	21.60 -0.78 -1.27	24.17 -0.93 -0.70	27.55 -1.06 -0.60	26.63 -1.01 -0.44	26.96 -0.99 -0.43	25.70 -0.97 -0.53	25.32 -0.95 -0.50	27.90 -1.18 -0.24	32.68 -1.36 -0.12	32.93 -1.32 -0.43	40.54 -1.65 -0.01	46.30 -1.83 0.00	41.62 -1.69 0.00	34.61 -1.33 0.00	30.73 -1.12 0.00	29.37 -0.97 0.00

SITHE___BATAVIA 24024	22.78 -1.60 -0.45	20.30 -1.44 -0.51	20.71 -1.42 -0.29	19.50 -1.34 -0.84	19.77 -1.41 -0.42	19.67 -1.33 -0.80	19.91 -1.30 -1.75	20.58 -1.55 -1.97	20.78 -1.58 -1.25	23.10 -2.00 -0.70	26.15 -2.46 -0.61	25.28 -2.37 -0.44	25.30 -2.28 -0.07	24.34 -2.30 -0.51	23.92 -2.32 -0.48	26.08 -2.80 -0.04	30.90 -3.12 -0.10	31.35 -2.87 -0.41	38.81 -3.38 -0.01	44.61 -3.51 0.00	39.93 -3.38 0.00	33.60 -2.34 0.00	29.97 -1.88 0.00	28.40 -1.94 0.00
SITHE___INDEPEND 23800	23.51 -0.86 -0.44	20.98 -0.76 -0.51	21.34 -0.79 -0.28	19.71 -0.72 -0.43	20.43 -0.75 -0.42	19.91 -0.73 -0.44	19.66 -0.70 -0.89	20.50 -0.75 -1.08	21.59 -0.78 -1.27	24.17 -0.93 -0.70	27.55 -1.06 -0.60	26.63 -1.01 -0.44	26.96 -0.99 -0.43	25.70 -0.97 -0.53	25.31 -0.95 -0.50	27.93 -1.15 -0.24	32.68 -1.36 -0.12	32.93 -1.32 -0.43	40.54 -1.65 -0.01	46.30 -1.83 0.00	41.62 -1.69 0.00	34.61 -1.33 0.00	30.73 -1.11 0.00	29.37 -0.97 0.00
SITHE___MASSENA 23902	23.82 -0.12 0.00	21.15 -0.08 0.00	22.50 -0.09 -0.74	20.82 -0.10 -0.92	21.60 -0.10 -0.94	20.79 -0.10 -0.69	20.02 -0.12 -0.66	21.04 -0.04 -0.92	21.99 -0.08 -0.96	25.47 0.00 -1.08	29.15 -0.06 -1.21	28.27 -0.11 -1.17	28.54 -0.16 -1.18	27.19 -0.08 -1.14	26.84 -0.05 -1.13	29.95 -0.11 -1.22	35.18 -0.14 -1.40	34.97 -0.24 -1.39	43.47 -0.38 -1.67	49.53 -0.24 -1.65	43.18 -0.13 0.00	35.72 -0.21 0.00	31.75 -0.10 0.00	30.22 -0.12 0.00
SITHE___OGDNSBRG 24021	23.93 0.00 0.00	21.23 0.00 0.00	24.12 0.02 -2.25	22.76 -0.02 -2.78	23.59 -0.02 -2.85	22.26 -0.02 -2.07	21.42 -0.06 -2.00	22.94 -0.02 -2.79	23.98 -0.04 -2.91	27.66 0.00 -3.27	31.60 -0.06 -3.65	30.62 -0.14 -3.55	30.88 -0.22 -3.58	29.47 -0.10 -3.45	29.07 -0.10 -3.41	32.34 -0.20 -3.70	38.04 -0.10 -4.22	37.88 -0.14 -4.20	47.04 -0.21 -5.07	53.25 0.14 -4.98	43.53 0.22 0.00	35.94 0.00 0.00	31.91 0.06 0.00	30.31 -0.03 0.00
SITHE___STERLING 23777	24.53 0.21 -0.38	21.84 0.17 -0.44	22.26 0.17 -0.24	20.53 0.16 -0.37	21.29 0.17 -0.36	20.72 0.14 -0.38	20.36 0.12 -0.77	21.21 0.12 -0.93	22.35 0.15 -1.09	25.12 0.12 -0.60	28.72 0.20 -0.52	27.71 0.14 -0.38	28.08 0.19 -0.37	26.74 0.16 -0.46	26.35 0.16 -0.43	29.25 0.20 -0.21	34.29 0.27 -0.10	34.53 0.34 -0.37	42.70 0.51 -0.01	48.85 0.72 0.00	43.96 0.65 0.00	36.44 0.50 0.00	32.23 0.38 0.00	30.68 0.33 0.00
SLEIGHT__34_KV_TB1 80719	23.42 -1.10 -0.58	20.93 -0.98 -0.67	21.21 -1.00 -0.37	19.82 -0.92 -0.74	20.34 -0.98 -0.55	20.00 -0.93 -0.73	20.12 -0.88 -1.53	20.98 -0.97 -1.79	21.76 -1.01 -1.66	24.08 -1.24 -0.93	27.34 -1.46 -0.80	26.42 -1.36 -0.58	26.73 -1.29 -0.50	25.46 -1.36 -0.69	25.08 -1.34 -0.65	27.50 -1.61 -0.28	32.20 -1.87 -0.15	32.58 -1.79 -0.56	40.08 -2.11 -0.01	45.81 -2.31 0.00	41.19 -2.12 0.00	34.36 -1.58 0.00	30.45 -1.40 0.00	28.98 -1.37 0.00
SOUTH CAIRO___GT 23612	31.40 1.20 -6.27	29.47 1.02 -7.22	26.89 1.05 -3.99	27.05 0.94 -6.11	27.63 0.96 -5.92	27.41 0.99 -6.21	33.09 0.93 -12.69	36.42 0.93 -15.33	40.01 0.91 -17.99	35.42 1.02 -10.01	37.74 1.15 -8.59	34.54 1.12 -6.22	34.78 1.16 -6.11	34.73 1.05 -7.56	33.96 1.06 -7.14	33.56 1.30 -3.43	37.27 1.66 -1.69	41.58 1.62 -6.14	45.03 2.74 -0.10	51.49 3.37 0.00	46.22 2.90 0.00	38.16 2.23 0.00	33.79 1.94 0.00	32.07 1.73 0.00
SOUTH HAMPTN___IC 23720	31.09 1.75 -5.41	28.76 1.30 -6.23	26.67 1.38 -3.44	26.33 1.06 -5.28	26.92 1.06 -5.10	26.71 1.15 -5.36	31.64 1.23 -10.95	35.28 1.89 -13.22	38.60 1.96 -15.52	34.88 1.85 -8.63	36.92 1.51 -7.41	33.87 1.31 -5.37	34.05 1.27 -5.27	33.83 1.18 -6.52	33.14 1.21 -6.16	33.32 1.53 -2.96	37.27 1.90 -1.45	41.31 2.20 -5.30	44.97 2.70 -0.09	50.62 2.50 0.00	45.52 2.21 0.00	38.13 2.19 0.00	32.90 1.05 0.00	31.31 0.97 0.00
SOUTHDOW_115KV_TB1 355954	21.63 -2.73 -0.42	19.23 -2.48 -0.48	19.63 -2.49 -0.28	18.75 -2.30 -1.05	18.79 -2.37 -0.40	18.90 -2.28 -0.98	19.59 -2.06 -2.19	20.41 -2.18 -2.42	20.02 -2.26 -1.17	22.44 -2.61 -0.66	25.75 -2.83 -0.57	24.87 -2.75 -0.42	24.99 -2.70 -0.17	24.05 -2.53 -0.46	23.83 -2.37 -0.43	26.55 -2.36 -0.07	31.12 -2.88 -0.08	31.21 -2.98 -0.37	38.60 -3.59 -0.01	44.32 -3.80 0.00	39.89 -3.42 0.00	33.71 -2.23 0.00	29.94 -1.91 0.00	28.46 -1.88 0.00
SOUTHOLD_69_KV_BK 2 55809	31.07 1.72 -5.41	28.72 1.25 -6.23	26.56 1.27 -3.44	26.29 1.02 -5.28	26.86 1.00 -5.10	26.65 1.09 -5.36	31.57 1.15 -10.95	35.24 1.85 -13.22	38.60 1.96 -15.52	34.90 1.88 -8.63	36.87 1.46 -7.41	33.82 1.25 -5.37	33.94 1.16 -5.27	33.75 1.10 -6.52	33.03 1.11 -6.16	33.27 1.47 -2.96	37.14 1.76 -1.45	41.24 2.13 -5.30	44.89 2.62 -0.09	50.48 2.36 0.00	45.31 1.99 0.00	37.91 1.98 0.00	33.12 1.27 0.00	31.68 1.34 0.00
SOUTHOLD___IC 23719	31.07 1.72 -5.41	28.72 1.25 -6.23	26.62 1.33 -3.44	26.29 1.02 -5.28	26.86 1.00 -5.10	26.65 1.09 -5.36	31.59 1.17 -10.95	35.24 1.85 -13.22	38.60 1.96 -15.52	34.90 1.88 -8.63	36.87 1.46 -7.41	33.82 1.25 -5.37	33.97 1.18 -5.27	33.75 1.10 -6.52	33.06 1.13 -6.16	33.27 1.47 -2.96	37.17 1.80 -1.45	41.25 2.13 -5.30	44.89 2.62 -0.09	50.48 2.36 0.00	45.35 2.04 0.00	37.95 2.01 0.00	32.74 0.89 0.00	31.29 0.94 0.00
SOUTH_FORK_WT_PWR 323839	30.83 1.48 -5.41	28.50 1.04 -6.23	26.40 1.11 -3.44	26.09 0.82 -5.28	26.65 0.79 -5.10	26.45 0.89 -5.36	31.39 0.97 -10.95	35.06 1.67 -13.22	38.41 1.77 -15.52	34.68 1.66 -8.63	36.50 1.09 -7.41	33.46 0.90 -5.37	33.61 0.82 -5.27	33.41 0.76 -6.52	32.73 0.80 -6.16	32.89 1.10 -2.96	36.66 1.29 -1.45	40.77 1.66 -5.30	44.30 2.02 -0.09	49.81 1.68 0.00	44.74 1.43 0.00	37.45 1.51 0.00	32.29 0.45 0.00	30.95 0.61 0.00
SPIERFLS_115KV_TB 1 80737	32.05 1.32 -6.79	30.20 1.15 -7.82	27.35 1.18 -4.32	27.68 1.06 -6.62	28.27 1.10 -6.41	28.00 1.07 -6.73	34.27 1.05 -13.75	37.82 1.05 -16.61	41.72 1.12 -19.49	36.62 1.39 -10.84	38.96 1.65 -9.30	35.57 1.63 -6.74	35.81 1.68 -6.62	35.91 1.59 -8.19	35.07 1.57 -7.74	34.43 1.87 -3.72	37.85 2.10 -1.83	42.60 2.13 -6.65	45.04 2.74 -0.11	51.40 3.27 0.00	46.09 2.77 0.00	38.06 2.12 0.00	33.63 1.78 0.00	31.95 1.61 0.00
ST LAWRENCE____ 23600	23.70 -0.24 0.00	21.04 -0.19 0.00	21.65 -0.20 0.00	19.80 -0.20 0.00	20.55 -0.21 0.00	20.00 -0.20 0.00	19.28 -0.19 0.00	20.00 -0.16 0.00	20.92 -0.19 0.00	24.22 -0.17 0.00	27.78 -0.23 0.00	26.93 -0.27 0.00	27.19 -0.33 0.00	25.89 -0.24 0.00	25.53 -0.23 0.00	28.55 -0.29 0.00	33.58 -0.34 0.00	33.41 -0.40 0.00	41.63 -0.55 0.00	47.55 -0.58 0.00	42.88 -0.43 0.00	35.54 -0.39 0.00	31.56 -0.29 0.00	30.07 -0.27 0.00
STATE_CA_115KV_115_LB 55624	31.57 1.01 -6.63	29.76 0.89 -7.64	26.98 0.92 -4.22	27.30 0.84 -6.47	27.87 0.85 -6.25	27.60 0.83 -6.57	33.69 0.80 -13.42	37.18 0.81 -16.21	41.00 0.87 -19.03	36.00 1.02 -10.58	38.29 1.17 -9.08	34.95 1.21 -6.58	35.19 1.21 -6.46	35.27 1.15 -7.99	34.45 1.13 -7.55	33.85 1.38 -3.63	37.30 1.59 -1.78	41.87 1.56 -6.49	44.27 1.98 -0.11	50.29 2.17 0.00	45.18 1.86 0.00	37.45 1.51 0.00	33.15 1.31 0.00	31.53 1.18 0.00

STATE_ST_34_KV_LOAD 55959	24.42 -0.50 -0.98	21.92 -0.45 -1.13	21.99 -0.48 -0.62	20.33 -0.44 -0.77	21.23 -0.46 -0.93	20.57 -0.44 -0.81	20.66 -0.41 -1.60	21.71 -0.44 -1.99	23.52 -0.42 -2.83	25.48 -0.49 -1.57	28.82 -0.53 -1.35	27.69 -0.49 -0.97	28.11 -0.44 -1.03	26.83 -0.50 -1.20	26.41 -0.49 -1.13	28.84 -0.58 -0.58	33.55 -0.64 -0.27	34.18 -0.61 -0.98	41.56 -0.63 -0.02	47.50 -0.63 0.00	42.66 -0.65 0.00	35.47 -0.47 0.00	31.40 -0.45 0.00	29.92 -0.42 0.00
STATION 5_MISC_HYD 23604	23.12 -1.27 -0.45	20.63 -1.13 -0.52	21.00 -1.14 -0.29	19.69 -1.06 -0.76	20.05 -1.14 -0.43	19.86 -1.07 -0.72	20.01 -1.03 -1.57	20.74 -1.21 -1.79	21.14 -1.25 -1.27	23.55 -1.56 -0.71	26.69 -1.93 -0.61	25.83 -1.82 -0.45	26.02 -1.76 -0.26	24.85 -1.80 -0.52	24.43 -1.83 -0.49	26.70 -2.28 -0.14	31.45 -2.58 -0.11	31.84 -2.40 -0.42	39.32 -2.87 -0.01	45.04 -3.08 0.00	40.33 -2.99 0.00	33.82 -2.12 0.00	30.13 -1.72 0.00	28.62 -1.73 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.58 -0.86 -0.50	21.05 -0.76 -0.58	21.40 -0.76 -0.32	20.02 -0.72 -0.74	20.47 -0.77 -0.47	20.19 -0.73 -0.72	20.32 -0.68 -1.53	21.16 -0.77 -1.76	21.73 -0.80 -1.42	24.24 -0.95 -0.80	27.57 -1.12 -0.68	26.66 -1.03 -0.50	26.95 -0.96 -0.40	25.67 -1.05 -0.59	25.29 -1.03 -0.55	27.81 -1.24 -0.21	32.65 -1.39 -0.12	32.97 -1.32 -0.47	40.67 -1.52 -0.01	46.54 -1.59 0.00	41.84 -1.47 0.00	34.89 -1.04 0.00	30.93 -0.92 0.00	29.40 -0.94 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.05 -1.34 -0.45	20.59 -1.17 -0.52	20.94 -1.20 -0.29	19.63 -1.12 -0.75	20.01 -1.18 -0.43	19.79 -1.13 -0.72	19.98 -1.05 -1.56	20.75 -1.19 -1.78	21.10 -1.29 -1.28	23.52 -1.59 -0.72	26.66 -1.96 -0.62	25.83 -1.82 -0.45	26.11 -1.73 -0.33	24.82 -1.83 -0.52	24.45 -1.80 -0.49	26.85 -2.16 -0.17	31.48 -2.54 -0.11	31.80 -2.43 -0.42	39.36 -2.83 -0.01	45.00 -3.13 0.00	40.41 -2.90 0.00	33.85 -2.08 0.00	30.03 -1.82 0.00	28.55 -1.79 0.00
STA_56___34_KV_BUS2 355983	23.05 -1.34 -0.45	20.59 -1.17 -0.52	20.94 -1.20 -0.29	19.63 -1.12 -0.75	20.01 -1.18 -0.43	19.79 -1.13 -0.72	19.98 -1.05 -1.56	20.75 -1.19 -1.78	21.10 -1.29 -1.28	23.52 -1.59 -0.72	26.66 -1.96 -0.62	25.83 -1.82 -0.45	26.11 -1.73 -0.33	24.82 -1.83 -0.52	24.45 -1.80 -0.49	26.85 -2.16 -0.17	31.48 -2.54 -0.11	31.80 -2.43 -0.42	39.36 -2.83 -0.01	45.00 -3.13 0.00	40.41 -2.90 0.00	33.85 -2.08 0.00	30.03 -1.82 0.00	28.55 -1.79 0.00
STA_67___115KV_BK2 355882	23.07 -1.32 -0.45	20.61 -1.15 -0.52	20.98 -1.16 -0.29	19.65 -1.10 -0.76	20.03 -1.16 -0.43	19.84 -1.09 -0.72	20.03 -1.01 -1.57	20.78 -1.17 -1.79	21.10 -1.29 -1.27	23.50 -1.61 -0.71	26.63 -1.99 -0.61	25.80 -1.85 -0.45	26.02 -1.76 -0.26	24.77 -1.88 -0.52	24.43 -1.83 -0.49	26.76 -2.22 -0.14	31.41 -2.61 -0.11	31.77 -2.47 -0.42	39.32 -2.87 -0.01	44.95 -3.18 0.00	40.37 -2.95 0.00	33.85 -2.08 0.00	30.03 -1.82 0.00	28.55 -1.79 0.00
STA_7___115KV_9TRANS 80674	23.19 -1.20 -0.45	20.69 -1.06 -0.52	21.07 -1.07 -0.29	19.75 -1.00 -0.76	20.11 -1.08 -0.43	19.92 -1.01 -0.72	20.11 -0.93 -1.57	20.86 -1.09 -1.79	21.20 -1.18 -1.27	23.64 -1.46 -0.71	26.80 -1.82 -0.61	25.99 -1.66 -0.45	26.21 -1.57 -0.26	24.95 -1.70 -0.52	24.58 -1.67 -0.49	26.96 -2.02 -0.14	31.69 -2.34 -0.11	32.01 -2.23 -0.42	39.62 -2.57 -0.01	45.28 -2.84 0.00	40.71 -2.60 0.00	34.10 -1.83 0.00	30.26 -1.59 0.00	28.74 -1.61 0.00
STA_82___115KV_TB1 80780	23.07 -1.32 -0.45	20.61 -1.15 -0.52	20.98 -1.16 -0.29	19.68 -1.08 -0.76	20.03 -1.16 -0.43	19.84 -1.09 -0.73	20.03 -1.01 -1.58	20.79 -1.17 -1.79	21.09 -1.29 -1.27	23.50 -1.61 -0.71	26.63 -1.99 -0.61	25.80 -1.85 -0.45	26.08 -1.76 -0.32	24.77 -1.88 -0.52	24.43 -1.83 -0.49	26.79 -2.22 -0.17	31.41 -2.61 -0.11	31.77 -2.47 -0.42	39.32 -2.87 -0.01	44.95 -3.18 0.00	40.37 -2.95 0.00	33.85 -2.08 0.00	30.07 -1.78 0.00	28.55 -1.79 0.00
STEEL___WIND 323596	21.94 -2.44 -0.45	19.56 -2.19 -0.52	19.95 -2.18 -0.29	18.92 -2.04 -0.96	19.07 -2.12 -0.43	19.07 -2.04 -0.91	19.56 -1.91 -2.00	20.20 -2.20 -2.24	20.13 -2.24 -1.26	22.44 -2.66 -0.71	25.53 -3.08 -0.61	24.68 -2.96 -0.45	24.61 -2.92 -0.01	23.86 -2.77 -0.50	23.51 -2.73 -0.47	25.84 -3.00 0.00	30.39 -3.63 -0.10	30.70 -3.52 -0.40	37.80 -4.39 -0.01	43.27 -4.86 0.00	38.72 -4.59 0.00	32.74 -3.20 0.00	29.30 -2.55 0.00	27.86 -2.49 0.00
STEPHTWN_115KV_BK_2 55603	31.62 1.12 -6.56	29.77 0.98 -7.56	27.03 1.00 -4.18	27.32 0.92 -6.40	27.89 0.93 -6.19	27.61 0.91 -6.50	33.63 0.88 -13.28	37.09 0.89 -16.04	40.89 0.95 -18.83	36.01 1.15 -10.47	38.34 1.34 -8.99	35.02 1.31 -6.51	35.26 1.35 -6.39	35.32 1.28 -7.91	34.50 1.26 -7.47	33.95 1.53 -3.59	37.48 1.80 -1.76	42.00 1.76 -6.43	44.53 2.24 -0.11	50.63 2.50 0.00	45.48 2.17 0.00	37.66 1.72 0.00	33.35 1.50 0.00	31.71 1.37 0.00
STEUBEN_REC_LFGE 323667	21.03 -2.35 0.55	18.47 -2.12 0.64	19.31 -2.21 0.33	19.26 -1.98 -1.24	18.15 -2.10 0.52	19.13 -2.08 -1.01	20.08 -1.97 -2.57	20.59 -2.08 -2.50	17.18 -2.22 1.71	20.89 -2.59 0.92	24.23 -3.00 0.78	23.69 -2.96 0.55	24.19 -2.97 0.36	22.50 -2.82 0.81	22.27 -2.73 0.77	25.53 -3.00 0.31	30.26 -3.43 0.23	29.87 -3.28 0.67	38.38 -3.80 0.01	44.23 -3.90 0.00	39.85 -3.47 0.00	33.71 -2.23 0.00	30.03 -1.82 0.00	28.80 -1.55 0.00
STILLWATER___SOLAR 323814	31.87 1.17 -6.76	30.06 1.04 -7.78	27.20 1.05 -4.30	27.55 0.96 -6.59	28.11 0.98 -6.37	27.85 0.95 -6.70	34.10 0.95 -13.67	37.63 0.95 -16.52	41.51 1.01 -19.39	36.37 1.19 -10.78	38.66 1.40 -9.25	35.26 1.36 -6.70	35.53 1.43 -6.58	35.61 1.33 -8.14	34.78 1.31 -7.70	34.12 1.59 -3.70	37.60 1.86 -1.82	42.29 1.86 -6.62	44.70 2.40 -0.11	50.87 2.74 0.00	45.65 2.34 0.00	37.77 1.83 0.00	33.41 1.56 0.00	31.77 1.43 0.00
STONY___BROOK 24151	31.12 1.77 -5.41	28.89 1.42 -6.23	26.78 1.49 -3.44	26.49 1.22 -5.28	27.09 1.22 -5.10	26.84 1.27 -5.36	31.70 1.28 -10.95	35.12 1.73 -13.22	38.38 1.75 -15.52	34.83 1.81 -8.63	37.32 1.91 -7.41	34.39 1.82 -5.37	34.60 1.82 -5.27	34.37 1.72 -6.52	33.68 1.75 -6.16	33.93 2.13 -2.96	38.02 2.65 -1.45	41.95 2.84 -5.30	45.73 3.46 -0.09	51.49 3.37 0.00	46.34 3.03 0.00	38.63 2.70 0.00	33.60 1.75 0.00	31.86 1.52 0.00
STURGEON_POOL_HYD 23609	30.42 0.98 -5.51	28.43 0.85 -6.34	26.23 0.87 -3.51	26.17 0.80 -5.37	26.79 0.83 -5.20	26.53 0.87 -5.46	31.41 0.80 -11.15	34.47 0.85 -13.46	37.78 0.87 -15.81	34.18 1.00 -8.79	36.72 1.18 -7.54	33.86 1.20 -5.46	34.07 1.18 -5.36	33.86 1.10 -6.64	33.12 1.08 -6.27	33.18 1.33 -3.01	36.96 1.56 -1.48	40.73 1.52 -5.39	44.38 2.11 -0.09	50.43 2.31 0.00	45.39 2.08 0.00	37.55 1.62 0.00	33.15 1.31 0.00	31.50 1.15 0.00
ST_LAW_115_BK7_LBMP 345037	23.70 -0.24 0.00	21.04 -0.19 0.00	21.63 -0.22 0.00	19.80 -0.20 0.00	20.55 -0.21 0.00	20.00 -0.20 0.00	19.28 -0.19 0.00	20.00 -0.16 0.00	20.92 -0.19 0.00	24.22 -0.17 0.00	27.78 -0.23 0.00	26.93 -0.27 0.00	27.19 -0.33 0.00	25.89 -0.24 0.00	25.53 -0.23 0.00	28.55 -0.29 0.00	33.58 -0.34 0.00	33.41 -0.40 0.00	41.59 -0.59 0.00	47.55 -0.58 0.00	42.88 -0.43 0.00	35.51 -0.43 0.00	31.56 -0.29 0.00	30.04 -0.30 0.00

ST_LAW_115_BK8_LBMP 345038	23.70 -0.24 0.00	21.04 -0.19 0.00	21.63 -0.22 0.00	19.80 -0.20 0.00	20.55 -0.21 0.00	20.00 -0.20 0.00	19.28 -0.19 0.00	20.00 -0.16 0.00	20.92 -0.19 0.00	24.22 -0.17 0.00	27.78 -0.23 0.00	26.93 -0.27 0.00	27.19 -0.33 0.00	25.89 -0.24 0.00	25.53 -0.23 0.00	28.55 -0.29 0.00	33.58 -0.34 0.00	33.41 -0.40 0.00	41.59 -0.59 0.00	47.55 -0.58 0.00	42.88 -0.43 0.00	35.51 -0.43 0.00	31.56 -0.29 0.00	30.04 -0.30 0.00
ST_LAW_230_BK5_LBMP 345035	23.70 -0.24 0.00	21.04 -0.19 0.00	21.65 -0.20 0.00	19.80 -0.20 0.00	20.55 -0.21 0.00	20.00 -0.20 0.00	19.28 -0.19 0.00	20.00 -0.16 0.00	20.92 -0.19 0.00	24.22 -0.17 0.00	27.78 -0.23 0.00	26.93 -0.27 0.00	27.19 -0.33 0.00	25.89 -0.24 0.00	25.53 -0.23 0.00	28.55 -0.29 0.00	33.58 -0.34 0.00	33.41 -0.40 0.00	41.63 -0.55 0.00	47.55 -0.58 0.00	42.88 -0.43 0.00	35.54 -0.39 0.00	31.56 -0.29 0.00	30.07 -0.27 0.00
ST_LAW_230_BK6_LBMP 345036	23.70 -0.24 0.00	21.04 -0.19 0.00	21.65 -0.20 0.00	19.80 -0.20 0.00	20.55 -0.21 0.00	20.00 -0.20 0.00	19.28 -0.19 0.00	20.00 -0.16 0.00	20.92 -0.19 0.00	24.22 -0.17 0.00	27.78 -0.23 0.00	26.93 -0.27 0.00	27.19 -0.33 0.00	25.89 -0.24 0.00	25.53 -0.23 0.00	28.55 -0.29 0.00	33.58 -0.34 0.00	33.41 -0.40 0.00	41.63 -0.55 0.00	47.55 -0.58 0.00	42.88 -0.43 0.00	35.54 -0.39 0.00	31.56 -0.29 0.00	30.07 -0.27 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.92 0.98 -5.00	27.86 0.87 -5.76	25.90 0.87 -3.18	25.68 0.80 -4.88	26.33 0.85 -4.72	26.03 0.87 -4.96	30.41 0.82 -10.12	33.28 0.89 -12.23	36.37 0.91 -14.35	33.42 1.05 -7.98	36.09 1.23 -6.85	33.41 1.25 -4.96	33.63 1.24 -4.87	33.31 1.15 -6.03	32.60 1.13 -5.70	32.93 1.36 -2.74	36.82 1.56 -1.35	40.24 1.52 -4.90	44.16 1.90 -0.08	50.15 2.02 0.00	45.13 1.82 0.00	37.37 1.44 0.00	32.96 1.11 0.00	31.31 0.97 0.00
SWANROAD_115KV_TB1 355699	21.68 -2.70 -0.44	19.35 -2.40 -0.51	19.71 -2.42 -0.29	18.64 -2.26 -0.91	18.82 -2.37 -0.42	18.79 -2.26 -0.85	19.25 -2.10 -1.88	19.83 -2.44 -2.11	19.76 -2.60 -1.25	21.90 -3.20 -0.70	24.72 -3.89 -0.60	24.00 -3.64 -0.44	23.90 -3.58 0.04	23.02 -3.61 -0.50	22.73 -3.50 -0.47	24.81 -4.01 0.02	29.17 -4.85 -0.10	29.55 -4.67 -0.40	36.58 -5.61 -0.01	41.77 -6.35 0.00	37.47 -5.85 0.00	31.77 -4.17 0.00	28.28 -3.57 0.00	26.88 -3.46 0.00
SYNERGY___BIOGAS 323694	22.78 -1.60 -0.45	20.30 -1.44 -0.51	20.71 -1.42 -0.29	19.50 -1.34 -0.84	19.77 -1.41 -0.42	19.67 -1.33 -0.80	19.91 -1.30 -1.75	20.58 -1.55 -1.97	20.78 -1.58 -1.25	23.10 -2.00 -0.70	26.15 -2.46 -0.61	25.28 -2.37 -0.44	25.30 -2.28 -0.07	24.34 -2.30 -0.51	23.92 -2.32 -0.48	26.08 -2.80 -0.04	30.90 -3.12 -0.10	31.35 -2.87 -0.41	38.81 -3.38 -0.01	44.61 -3.51 0.00	39.93 -3.38 0.00	33.60 -2.34 0.00	29.97 -1.88 0.00	28.40 -1.94 0.00
SYRACUSE___ENERGY_ST1 323597	24.14 -0.45 -0.66	21.59 -0.40 -0.76	21.83 -0.44 -0.42	20.24 -0.40 -0.64	20.97 -0.42 -0.62	20.45 -0.40 -0.65	20.41 -0.39 -1.33	21.36 -0.40 -1.60	22.57 -0.42 -1.88	24.95 -0.49 -1.05	28.40 -0.50 -0.90	27.36 -0.49 -0.65	27.75 -0.41 -0.64	26.48 -0.44 -0.79	26.07 -0.44 -0.75	28.65 -0.55 -0.36	33.45 -0.64 -0.18	33.85 -0.61 -0.64	41.43 -0.76 -0.01	47.31 -0.82 0.00	42.53 -0.78 0.00	35.36 -0.57 0.00	31.34 -0.51 0.00	29.92 -0.42 0.00
SYRACUSE___ENERGY_ST2 323598	24.14 -0.45 -0.66	21.59 -0.40 -0.76	21.83 -0.44 -0.42	20.24 -0.40 -0.64	20.97 -0.42 -0.62	20.45 -0.40 -0.65	20.41 -0.39 -1.33	21.36 -0.40 -1.60	22.57 -0.42 -1.88	24.95 -0.49 -1.05	28.40 -0.50 -0.90	27.36 -0.49 -0.65	27.75 -0.41 -0.64	26.48 -0.44 -0.79	26.07 -0.44 -0.75	28.65 -0.55 -0.36	33.45 -0.64 -0.18	33.85 -0.61 -0.64	41.43 -0.76 -0.01	47.31 -0.82 0.00	42.53 -0.78 0.00	35.36 -0.57 0.00	31.34 -0.51 0.00	29.92 -0.42 0.00
SYRACUSE___POWER 24017	24.24 -0.50 -0.81	21.70 -0.47 -0.93	21.88 -0.48 -0.51	20.22 -0.44 -0.66	21.07 -0.46 -0.76	20.45 -0.44 -0.69	20.42 -0.43 -1.37	21.42 -0.44 -1.70	22.97 -0.46 -2.33	25.12 -0.56 -1.29	28.53 -0.59 -1.11	27.43 -0.57 -0.80	27.83 -0.52 -0.83	26.59 -0.52 -0.98	26.18 -0.52 -0.93	28.68 -0.63 -0.47	33.40 -0.75 -0.22	33.91 -0.71 -0.80	41.35 -0.84 -0.01	47.21 -0.91 0.00	42.45 -0.87 0.00	35.29 -0.65 0.00	31.28 -0.57 0.00	29.86 -0.49 0.00
TALLMAN___138KV_BK151 55660	30.18 1.10 -5.14	28.13 0.98 -5.92	26.10 0.98 -3.27	25.91 0.90 -5.01	26.57 0.96 -4.85	26.27 0.97 -5.09	30.77 0.90 -10.40	33.71 0.99 -12.56	36.87 1.01 -14.75	33.76 1.17 -8.20	36.44 1.40 -7.04	33.71 1.41 -5.10	33.90 1.38 -5.01	33.60 1.28 -6.19	32.88 1.26 -5.85	33.15 1.50 -2.81	37.03 1.73 -1.38	40.57 1.72 -5.03	44.42 2.15 -0.08	50.39 2.26 0.00	45.35 2.04 0.00	37.55 1.62 0.00	33.09 1.24 0.00	31.47 1.12 0.00
TEALLAVE_115KV_TB7 355573	23.95 -0.57 -0.59	21.40 -0.51 -0.67	21.67 -0.55 -0.37	20.07 -0.50 -0.57	20.80 -0.52 -0.55	20.28 -0.51 -0.58	20.17 -0.49 -1.19	21.09 -0.50 -1.43	22.26 -0.53 -1.68	24.69 -0.63 -0.93	28.11 -0.70 -0.80	27.13 -0.65 -0.58	27.48 -0.61 -0.57	26.21 -0.63 -0.71	25.84 -0.59 -0.67	28.44 -0.72 -0.32	33.19 -0.88 -0.16	33.55 -0.85 -0.57	41.18 -1.01 -0.01	47.02 -1.11 0.00	42.27 -1.04 0.00	35.15 -0.79 0.00	31.18 -0.67 0.00	29.74 -0.61 0.00
TELGRAPH_34_KV_EAST 80808	22.25 -2.13 -0.44	19.83 -1.91 -0.51	20.23 -1.90 -0.29	19.09 -1.78 -0.87	19.29 -1.89 -0.42	19.23 -1.80 -0.83	19.63 -1.66 -1.81	20.27 -1.94 -2.04	20.28 -2.07 -1.24	22.53 -2.56 -0.70	25.47 -3.14 -0.60	24.70 -2.94 -0.44	24.68 -2.83 0.01	23.73 -2.90 -0.50	23.40 -2.83 -0.47	25.57 -3.26 0.00	30.12 -3.90 -0.10	30.50 -3.72 -0.40	37.80 -4.39 -0.01	43.22 -4.91 0.00	38.81 -4.50 0.00	32.77 -3.16 0.00	29.17 -2.68 0.00	27.67 -2.67 0.00
TEMPLE___115KV_TB 2 55572	23.95 -0.57 -0.59	21.41 -0.51 -0.68	21.70 -0.52 -0.38	20.10 -0.48 -0.58	20.80 -0.52 -0.56	20.30 -0.48 -0.59	20.20 -0.47 -1.20	21.11 -0.50 -1.45	22.28 -0.53 -1.70	24.73 -0.61 -0.95	28.14 -0.67 -0.81	27.16 -0.63 -0.59	27.52 -0.58 -0.58	26.24 -0.60 -0.71	25.85 -0.59 -0.68	28.44 -0.72 -0.32	33.23 -0.85 -0.16	33.59 -0.81 -0.58	41.22 -0.97 -0.01	47.07 -1.06 0.00	42.32 -1.00 0.00	35.18 -0.75 0.00	31.18 -0.67 0.00	29.77 -0.58 0.00
TIANA____69_KV_BK 1 55817	31.12 1.77 -5.41	28.78 1.32 -6.23	26.62 1.33 -3.44	26.35 1.08 -5.28	26.94 1.08 -5.10	26.74 1.17 -5.36	31.64 1.23 -10.95	35.28 1.90 -13.22	38.60 1.96 -15.52	34.88 1.85 -8.63	36.98 1.57 -7.41	33.93 1.36 -5.37	34.08 1.29 -5.27	33.88 1.23 -6.52	33.16 1.24 -6.16	33.38 1.59 -2.96	37.34 1.97 -1.45	41.41 2.30 -5.30	45.05 2.78 -0.09	50.72 2.60 0.00	45.57 2.25 0.00	38.16 2.23 0.00	33.38 1.53 0.00	31.77 1.43 0.00
TILDEN___115KV_TB1 80814	24.24 -0.50 -0.81	21.70 -0.47 -0.93	21.88 -0.48 -0.51	20.22 -0.44 -0.66	21.07 -0.46 -0.76	20.45 -0.44 -0.69	20.42 -0.43 -1.37	21.42 -0.44 -1.70	22.97 -0.46 -2.33	25.12 -0.56 -1.29	28.53 -0.59 -1.11	27.43 -0.57 -0.80	27.83 -0.52 -0.83	26.59 -0.52 -0.98	26.18 -0.52 -0.93	28.68 -0.63 -0.47	33.40 -0.75 -0.22	33.91 -0.71 -0.80	41.35 -0.84 -0.01	47.21 -0.91 0.00	42.45 -0.87 0.00	35.29 -0.65 0.00	31.28 -0.57 0.00	29.86 -0.49 0.00

TRIGEN___CC 323695	30.88 1.53 -5.41	28.76 1.30 -6.23	26.60 1.31 -3.44	26.41 1.14 -5.28	27.03 1.16 -5.10	26.76 1.19 -5.36	31.57 1.15 -10.95	34.80 1.41 -13.22	38.05 1.41 -15.52	34.59 1.56 -8.63	37.23 1.82 -7.41	34.39 1.82 -5.37	34.58 1.79 -5.27	34.35 1.70 -6.52	33.63 1.70 -6.16	33.84 2.05 -2.96	37.82 2.44 -1.45	41.65 2.54 -5.30	45.39 3.12 -0.09	51.25 3.13 0.00	46.13 2.82 0.00	38.27 2.34 0.00	33.63 1.78 0.00	31.95 1.61 0.00
TRINITY___115KV___4 BK 55933	31.47 0.96 -6.58	29.65 0.85 -7.57	26.91 0.87 -4.19	27.19 0.78 -6.41	27.77 0.81 -6.20	27.51 0.79 -6.52	33.54 0.76 -13.31	37.00 0.77 -16.07	40.80 0.82 -18.87	35.86 0.98 -10.49	38.13 1.12 -9.00	34.81 1.09 -6.52	35.02 1.10 -6.40	35.10 1.05 -7.92	34.28 1.03 -7.49	33.70 1.27 -3.60	37.18 1.49 -1.77	41.68 1.42 -6.44	44.10 1.81 -0.11	50.15 2.02 0.00	45.05 1.73 0.00	37.34 1.40 0.00	33.09 1.24 0.00	31.47 1.12 0.00
UNION___PROCESSING_DRP 323587	23.09 -1.29 -0.45	20.61 -1.15 -0.52	20.98 -1.16 -0.29	19.68 -1.08 -0.76	20.03 -1.16 -0.43	19.84 -1.09 -0.73	20.04 -1.01 -1.58	20.79 -1.17 -1.80	21.10 -1.29 -1.27	23.50 -1.61 -0.71	26.63 -1.99 -0.61	25.80 -1.85 -0.45	26.08 -1.76 -0.32	24.79 -1.86 -0.52	24.43 -1.83 -0.49	26.79 -2.22 -0.17	31.41 -2.61 -0.11	31.77 -2.47 -0.42	39.32 -2.87 -0.01	44.95 -3.18 0.00	40.37 -2.95 0.00	33.85 -2.08 0.00	30.07 -1.78 0.00	28.55 -1.79 0.00
UPPER HUDSON___HYD 24058	32.04 1.32 -6.79	30.20 1.15 -7.82	27.35 1.18 -4.32	27.68 1.06 -6.62	28.27 1.10 -6.41	28.00 1.07 -6.73	34.27 1.05 -13.75	37.82 1.05 -16.61	41.72 1.12 -19.49	36.62 1.39 -10.84	38.96 1.65 -9.30	35.57 1.63 -6.74	35.81 1.68 -6.62	35.91 1.59 -8.19	35.07 1.57 -7.74	34.40 1.85 -3.72	37.85 2.10 -1.83	42.60 2.13 -6.65	45.03 2.74 -0.11	51.40 3.27 0.00	46.09 2.77 0.00	38.09 2.16 0.00	33.63 1.78 0.00	31.95 1.61 0.00
UPPER RAQUET___HYD 24056	23.51 -0.53 -0.10	20.88 -0.47 -0.11	24.66 -0.46 -3.27	23.60 -0.46 -4.06	24.44 -0.48 -4.16	22.79 -0.46 -3.05	22.06 -0.47 -3.06	23.98 -0.40 -4.22	25.10 -0.44 -4.43	28.77 -0.44 -4.82	32.81 -0.53 -5.34	31.74 -0.62 -5.16	32.04 -0.69 -5.20	30.61 -0.55 -5.03	30.19 -0.54 -4.97	33.53 -0.63 -5.33	39.25 -0.71 -6.05	39.09 -0.81 -6.08	48.35 -1.05 -7.22	54.27 -0.96 -7.10	42.58 -0.74 0.00	35.18 -0.76 0.00	31.24 -0.61 0.00	29.68 -0.67 0.00
VALLEY44_115KV_TB2 355964	21.56 -2.80 -0.42	19.19 -2.53 -0.48	19.59 -2.53 -0.28	18.74 -2.36 -1.10	18.77 -2.39 -0.40	18.86 -2.36 -1.02	19.57 -2.18 -2.28	20.40 -2.28 -2.52	19.93 -2.34 -1.16	22.51 -2.54 -0.66	26.00 -2.58 -0.57	25.14 -2.48 -0.42	25.17 -2.50 -0.15	24.34 -2.25 -0.45	24.00 -2.19 -0.43	26.88 -2.02 -0.06	31.53 -2.48 -0.08	31.44 -2.74 -0.36	38.69 -3.50 -0.01	44.32 -3.80 0.00	39.80 -3.51 0.00	33.60 -2.34 0.00	29.81 -2.04 0.00	28.34 -2.00 0.00
VALLEY___115KV_TB 1-4 80826	24.08 0.14 0.00	21.34 0.11 0.00	21.98 0.13 0.00	20.10 0.10 0.00	20.87 0.10 0.00	20.28 0.08 0.00	19.53 0.06 0.00	20.22 0.06 0.00	21.17 0.06 0.00	24.47 0.07 0.00	28.12 0.11 0.00	27.31 0.11 0.00	27.63 0.11 0.00	26.23 0.10 0.00	25.87 0.10 0.00	29.01 0.17 0.00	34.12 0.20 0.00	34.02 0.20 0.00	42.48 0.30 0.00	48.51 0.38 0.00	43.70 0.39 0.00	36.30 0.36 0.00	32.10 0.25 0.00	30.56 0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.15 0.86 -2.36	24.69 0.74 -2.71	24.13 0.79 -1.50	23.04 0.74 -2.30	23.75 0.77 -2.22	23.26 0.73 -2.34	24.90 0.66 -4.77	26.67 0.75 -5.76	28.67 0.80 -6.76	29.06 0.90 -3.76	32.38 1.15 -3.23	30.60 1.06 -2.34	30.92 1.10 -2.29	29.99 1.02 -2.84	29.43 0.98 -2.68	31.34 1.21 -1.29	35.91 1.36 -0.63	37.51 1.39 -2.31	43.91 1.69 -0.04	50.10 1.97 0.00	45.05 1.73 0.00	37.37 1.44 0.00	32.96 1.11 0.00	31.31 0.97 0.00
VISCHER___FERRY HYD 24020	31.62 1.03 -6.66	29.81 0.91 -7.66	27.02 0.94 -4.24	27.33 0.84 -6.49	27.89 0.85 -6.28	27.65 0.85 -6.60	33.77 0.84 -13.47	37.28 0.85 -16.27	41.11 0.91 -19.10	36.08 1.07 -10.62	38.32 1.20 -9.11	34.94 1.14 -6.60	35.18 1.18 -6.48	35.27 1.12 -8.02	34.45 1.11 -7.58	33.83 1.36 -3.64	37.30 1.59 -1.79	41.89 1.56 -6.52	44.27 1.98 -0.11	50.34 2.21 0.00	45.22 1.90 0.00	37.45 1.51 0.00	33.16 1.31 0.00	31.56 1.22 0.00
V_A_10_SYNC_DSASP 323832	22.47 -1.92 -0.45	20.05 -1.70 -0.52	20.41 -1.73 -0.29	19.23 -1.60 -0.83	19.49 -1.70 -0.43	19.40 -1.60 -0.79	19.67 -1.52 -1.72	20.32 -1.79 -1.95	20.50 -1.88 -1.27	22.72 -2.39 -0.71	25.59 -3.03 -0.61	24.79 -2.86 -0.45	24.80 -2.81 -0.08	23.82 -2.82 -0.51	23.42 -2.83 -0.49	25.42 -3.46 -0.05	29.99 -4.04 -0.10	30.51 -3.72 -0.42	37.68 -4.51 -0.01	43.07 -5.05 0.00	38.50 -4.81 0.00	32.49 -3.45 0.00	29.05 -2.80 0.00	27.64 -2.70 0.00
V_CMM_10_SYNC_DSASP 323787	23.77 -0.17 0.00	21.11 -0.13 0.00	21.72 -0.13 0.00	19.86 -0.14 0.00	20.62 -0.14 0.00	20.06 -0.14 0.00	19.34 -0.14 0.00	20.06 -0.10 0.00	20.98 -0.13 0.00	24.32 -0.07 0.00	27.89 -0.11 0.00	27.04 -0.16 0.00	27.30 -0.22 0.00	26.00 -0.13 0.00	25.66 -0.10 0.00	28.67 -0.17 0.00	33.72 -0.20 0.00	33.55 -0.27 0.00	41.72 -0.46 0.00	47.74 -0.39 0.00	43.05 -0.26 0.00	35.65 -0.29 0.00	31.66 -0.19 0.00	30.16 -0.18 0.00
V_CMP_10_SYNC_DSASP 323788	23.03 -0.91 0.00	20.49 -0.74 0.00	0.07 -0.83 20.95	-6.66 -0.76 25.90	-6.61 -0.81 26.56	0.06 -0.83 19.31	0.01 -0.80 18.66	-6.60 -0.75 26.01	-6.68 -0.70 27.10	-6.68 -0.63 30.44	-6.66 -0.70 33.97	-6.65 -0.79 33.06	-6.67 -0.82 33.36	-6.69 -0.73 32.08	-6.66 -0.72 31.71	-6.57 -0.95 34.45	-6.49 -1.09 39.33	-6.49 -1.22 39.09	-6.45 -1.48 47.16	0.00 -1.73 46.39	42.40 -0.91 0.00	35.07 -0.86 0.00	31.15 -0.70 0.00	29.49 -0.85 0.00
V_D_10_SYNC_DSASP 323841	23.82 -0.12 0.00	21.15 -0.08 0.00	22.47 -0.09 -0.71	20.77 -0.10 -0.87	21.56 -0.10 -0.90	20.75 -0.10 -0.65	19.98 -0.12 -0.63	21.00 -0.04 -0.88	21.94 -0.08 -0.92	25.42 0.00 -1.03	29.10 -0.06 -1.15	28.21 -0.11 -1.12	28.48 -0.16 -1.13	27.16 -0.05 -1.08	26.79 -0.05 -1.07	29.89 -0.11 -1.16	35.11 -0.14 -1.33	34.90 -0.24 -1.32	43.39 -0.38 -1.59	49.45 -0.24 -1.57	43.18 -0.13 0.00	35.72 -0.21 0.00	31.75 -0.10 0.00	30.22 -0.12 0.00
V_E_10_SYNC_DSASP 323830	26.78 0.29 -2.56	24.39 0.21 -2.95	23.73 0.26 -1.62	21.90 0.22 -1.69	23.40 0.23 -2.41	22.23 0.20 -1.83	23.07 0.10 -3.50	24.82 0.16 -4.50	28.74 0.23 -7.40	28.62 0.12 -4.10	31.80 0.28 -3.52	29.90 0.16 -2.54	30.63 0.25 -2.87	29.49 0.21 -3.15	28.92 0.18 -2.98	30.79 0.32 -1.63	35.05 0.41 -0.72	36.99 0.61 -2.56	43.19 0.97 -0.04	49.85 1.73 0.00	44.96 1.65 0.00	37.45 1.51 0.00	33.06 1.21 0.00	31.38 1.03 0.00
V_F_30_NSYNC___DSASP 323816	31.91 1.20 -6.77	30.07 1.04 -7.80	27.23 1.07 -4.31	27.56 0.96 -6.61	28.15 1.00 -6.39	27.88 0.97 -6.71	34.13 0.95 -13.71	37.67 0.95 -16.56	41.56 1.01 -19.44	36.42 1.22 -10.81	38.71 1.43 -9.27	35.31 1.39 -6.72	35.57 1.46 -6.60	35.65 1.36 -8.16	34.82 1.34 -7.71	34.16 1.61 -3.70	37.61 1.86 -1.82	42.34 1.89 -6.63	44.70 2.40 -0.11	50.87 2.74 0.00	45.65 2.34 0.00	37.80 1.87 0.00	33.41 1.56 0.00	31.77 1.43 0.00

V_F_30_SYNC_DSASP 323786	31.57 1.01 -6.63	29.76 0.89 -7.63	26.98 0.92 -4.22	27.30 0.84 -6.46	27.86 0.85 -6.25	27.60 0.83 -6.57	33.68 0.80 -13.41	37.17 0.81 -16.20	40.99 0.87 -19.01	35.99 1.02 -10.57	38.28 1.20 -9.07	34.94 1.17 -6.57	35.18 1.21 -6.45	35.26 1.15 -7.98	34.45 1.13 -7.55	33.85 1.38 -3.62	37.30 1.59 -1.78	41.86 1.56 -6.49	44.27 1.98 -0.11	50.29 2.17 0.00	45.18 1.86 0.00	37.45 1.51 0.00	33.15 1.31 0.00	31.53 1.18 0.00
V_XM_10_SYNC_DSASP 323789	23.03 -0.91 0.00	20.49 -0.74 0.00	0.07 -0.83 20.95	-6.66 -0.76 25.90	-6.61 -0.81 26.56	0.06 -0.83 19.31	0.01 -0.80 18.66	-6.60 -0.75 26.01	-6.68 -0.70 27.10	-6.68 -0.63 30.44	-6.66 -0.70 33.97	-6.65 -0.79 33.06	-6.67 -0.82 33.36	-6.69 -0.73 32.08	-6.66 -0.72 31.71	-6.57 -0.95 34.45	-6.49 -1.09 39.33	-6.49 -1.22 39.09	-6.45 -1.48 47.16	0.00 -1.73 46.39	42.40 -0.91 0.00	35.07 -0.86 0.00	31.15 -0.70 0.00	29.49 -0.85 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.32 1.20 -5.19	28.25 1.04 -5.97	26.22 1.07 -3.30	26.01 0.96 -5.06	26.67 1.02 -4.89	26.37 1.03 -5.14	30.94 0.97 -10.49	33.89 1.05 -12.68	37.07 1.08 -14.88	33.91 1.24 -8.27	36.59 1.48 -7.10	33.84 1.50 -5.14	34.06 1.49 -5.05	33.76 1.38 -6.25	33.01 1.34 -5.91	33.29 1.61 -2.84	37.18 1.87 -1.39	40.75 1.86 -5.08	44.54 2.28 -0.09	50.58 2.45 0.00	45.52 2.21 0.00	37.70 1.76 0.00	33.22 1.37 0.00	31.56 1.21 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.73 1.39 -5.41	28.74 1.27 -6.23	26.58 1.29 -3.44	26.45 1.18 -5.28	27.09 1.22 -5.10	26.80 1.23 -5.36	31.55 1.13 -10.95	34.58 1.19 -13.23	37.90 1.27 -15.53	34.49 1.46 -8.63	37.15 1.74 -7.41	34.34 1.77 -5.37	34.52 1.73 -5.27	34.27 1.62 -6.52	33.52 1.60 -6.16	33.73 1.93 -2.96	37.68 2.31 -1.46	41.41 2.30 -5.30	45.18 2.91 -0.09	51.16 3.03 0.00	46.04 2.73 0.00	38.09 2.16 0.00	33.54 1.69 0.00	31.86 1.52 0.00
W50THST__13_KV_LOAD 356117	30.81 1.46 -5.41	28.80 1.34 -6.23	26.67 1.38 -3.44	26.53 1.26 -5.28	27.15 1.29 -5.10	26.88 1.31 -5.36	31.59 1.17 -10.95	34.64 1.25 -13.23	37.99 1.35 -15.53	34.56 1.54 -8.63	37.23 1.82 -7.41	34.42 1.85 -5.37	34.60 1.82 -5.27	34.35 1.70 -6.52	33.60 1.67 -6.16	33.82 2.02 -2.96	37.82 2.44 -1.46	41.55 2.43 -5.30	45.35 3.08 -0.09	51.40 3.27 0.00	46.17 2.86 0.00	38.16 2.23 0.00	33.63 1.78 0.00	31.95 1.61 0.00
WADING RIVER_IC_1 23522	31.00 1.65 -5.41	28.65 1.19 -6.23	26.56 1.27 -3.44	26.23 0.96 -5.28	26.82 0.96 -5.10	26.61 1.05 -5.36	31.57 1.15 -10.95	35.20 1.82 -13.22	38.49 1.86 -15.52	34.71 1.68 -8.63	36.76 1.34 -7.41	33.66 1.09 -5.37	33.83 1.05 -5.27	33.64 0.99 -6.52	32.96 1.03 -6.16	33.12 1.33 -2.96	37.07 1.70 -1.45	41.07 1.96 -5.30	44.63 2.36 -0.09	50.29 2.17 0.00	45.22 1.90 0.00	37.95 2.01 0.00	32.71 0.86 0.00	31.07 0.73 0.00
WADING RIVER_IC_2 23547	31.00 1.65 -5.41	28.65 1.19 -6.23	26.56 1.27 -3.44	26.23 0.96 -5.28	26.82 0.96 -5.10	26.61 1.05 -5.36	31.57 1.15 -10.95	35.20 1.82 -13.22	38.49 1.86 -15.52	34.71 1.68 -8.63	36.76 1.34 -7.41	33.66 1.09 -5.37	33.83 1.05 -5.27	33.64 0.99 -6.52	32.96 1.03 -6.16	33.12 1.33 -2.96	37.07 1.70 -1.45	41.07 1.96 -5.30	44.63 2.36 -0.09	50.29 2.17 0.00	45.22 1.90 0.00	37.95 2.01 0.00	32.71 0.86 0.00	31.07 0.73 0.00
WADING RIVER_IC_3 23601	31.00 1.65 -5.41	28.65 1.19 -6.23	26.56 1.27 -3.44	26.23 0.96 -5.28	26.82 0.96 -5.10	26.61 1.05 -5.36	31.57 1.15 -10.95	35.20 1.82 -13.22	38.49 1.86 -15.52	34.71 1.68 -8.63	36.76 1.34 -7.41	33.66 1.09 -5.37	33.83 1.05 -5.27	33.64 0.99 -6.52	32.96 1.03 -6.16	33.12 1.33 -2.96	37.07 1.70 -1.45	41.07 1.96 -5.30	44.63 2.36 -0.09	50.29 2.17 0.00	45.22 1.90 0.00	37.95 2.01 0.00	32.71 0.86 0.00	31.07 0.73 0.00
WALDENNY_12_KV_BK2 80841	21.99 -2.39 -0.45	19.58 -2.17 -0.52	19.98 -2.16 -0.29	18.94 -2.02 -0.96	19.09 -2.10 -0.42	19.10 -2.00 -0.90	19.63 -1.83 -1.99	20.31 -2.08 -2.22	20.17 -2.20 -1.25	22.46 -2.63 -0.71	25.53 -3.08 -0.61	24.76 -2.88 -0.45	24.72 -2.81 -0.01	23.86 -2.77 -0.50	23.58 -2.65 -0.47	25.92 -2.91 0.00	30.42 -3.60 -0.10	30.67 -3.55 -0.40	37.89 -4.30 -0.01	43.31 -4.81 0.00	38.90 -4.42 0.00	32.92 -3.02 0.00	29.27 -2.58 0.00	27.82 -2.52 0.00
WALDEN__HYDRO 24148	30.24 1.10 -5.20	28.18 0.96 -5.99	26.14 0.98 -3.31	25.97 0.90 -5.07	26.62 0.96 -4.91	26.33 0.97 -5.16	30.91 0.92 -10.53	33.85 0.97 -12.72	37.03 0.99 -14.93	33.84 1.15 -8.30	36.47 1.34 -7.12	33.72 1.36 -5.16	33.93 1.35 -5.07	33.65 1.25 -6.27	32.93 1.24 -5.93	33.15 1.47 -2.85	37.05 1.73 -1.40	40.60 1.69 -5.09	44.38 2.11 -0.09	50.43 2.31 0.00	45.39 2.08 0.00	37.55 1.62 0.00	33.12 1.27 0.00	31.47 1.12 0.00
WARRENSBURG____ 23737	32.05 1.32 -6.79	30.20 1.15 -7.82	27.35 1.18 -4.32	27.68 1.06 -6.62	28.27 1.10 -6.41	28.00 1.07 -6.73	34.27 1.05 -13.75	37.82 1.05 -16.61	41.72 1.12 -19.49	36.62 1.39 -10.84	38.96 1.65 -9.30	35.57 1.63 -6.74	35.81 1.68 -6.62	35.91 1.59 -8.19	35.07 1.57 -7.74	34.43 1.87 -3.72	37.85 2.10 -1.83	42.60 2.13 -6.65	45.04 2.74 -0.11	51.40 3.27 0.00	46.09 2.77 0.00	38.06 2.12 0.00	33.63 1.78 0.00	31.95 1.61 0.00
WATERSIDE____6 8 9 23538	28.78 1.53 -3.31	27.73 1.36 -5.14	26.68 1.40 -3.44	26.53 1.26 -5.27	27.18 1.31 -5.11	26.89 1.33 -5.36	30.00 1.23 -9.30	33.38 1.29 -11.93	36.47 1.33 -14.03	32.65 1.59 -6.67	36.03 1.88 -6.15	34.46 1.90 -5.36	34.65 1.87 -5.26	32.75 1.78 -4.84	33.65 1.73 -6.15	33.87 2.08 -2.95	37.81 2.44 -1.45	41.58 2.47 -5.29	45.36 3.08 -0.10	51.24 3.13 0.01	46.21 2.90 0.01	37.15 2.30 1.09	32.21 1.88 1.52	29.91 1.73 2.17
WATKINRD_115KV_LN8_ILLION 55919	24.13 0.19 0.00	21.40 0.17 0.00	22.02 0.17 0.00	20.16 0.16 0.00	20.91 0.15 0.00	20.34 0.14 0.00	19.59 0.12 0.00	20.28 0.12 0.00	21.24 0.13 0.00	24.54 0.15 0.00	28.20 0.20 0.00	27.39 0.19 0.00	27.71 0.19 0.00	26.31 0.18 0.00	25.95 0.18 0.00	29.07 0.23 0.00	34.19 0.27 0.00	34.12 0.30 0.00	42.56 0.38 0.00	48.61 0.48 0.00	43.79 0.48 0.00	36.33 0.40 0.00	32.17 0.32 0.00	30.62 0.27 0.00
WATSON__69_KV_BK 1 55734	31.28 1.94 -5.41	29.06 1.59 -6.23	26.91 1.62 -3.44	26.63 1.36 -5.28	27.24 1.37 -5.10	27.00 1.43 -5.36	31.82 1.40 -10.95	35.22 1.83 -13.22	38.49 1.86 -15.52	34.98 1.95 -8.63	37.54 2.13 -7.41	34.66 2.09 -5.37	34.82 2.04 -5.27	34.61 1.96 -6.52	33.86 1.93 -6.16	34.16 2.36 -2.96	38.29 2.92 -1.45	42.26 3.14 -5.30	46.15 3.88 -0.09	52.02 3.90 0.00	46.78 3.47 0.00	38.92 2.98 0.00	34.08 2.23 0.00	32.35 2.00 0.00
WDELAWARE__HYD 323627	29.74 0.91 -4.90	27.64 0.76 -5.64	25.75 0.79 -3.12	25.49 0.72 -4.78	26.15 0.77 -4.62	25.87 0.81 -4.86	30.12 0.74 -9.91	32.93 0.79 -11.98	35.95 0.78 -14.06	33.09 0.88 -7.82	35.75 1.04 -6.71	33.12 1.06 -4.86	33.34 1.05 -4.77	32.97 0.94 -5.90	32.30 0.95 -5.58	32.64 1.12 -2.68	36.56 1.32 -1.32	39.90 1.28 -4.80	43.95 1.69 -0.08	50.05 1.93 0.00	45.09 1.78 0.00	37.27 1.33 0.00	32.84 0.99 0.00	31.13 0.79 0.00

WEST BABYLON___IC 23714	31.21 1.87 -5.41	29.01 1.55 -6.23	26.86 1.57 -3.44	26.61 1.34 -5.28	27.21 1.35 -5.10	26.96 1.39 -5.36	31.78 1.36 -10.95	35.12 1.73 -13.22	38.38 1.75 -15.52	34.90 1.88 -8.63	37.49 2.07 -7.41	34.63 2.07 -5.37	34.82 2.04 -5.27	34.58 1.93 -6.52	33.86 1.93 -6.16	34.16 2.36 -2.96	38.22 2.85 -1.45	42.16 3.04 -5.30	46.07 3.80 -0.09	51.97 3.85 0.00	46.69 3.38 0.00	38.85 2.91 0.00	34.05 2.20 0.00	32.32 1.97 0.00
WEST CANADA___HYD 24049	24.13 0.19 0.00	21.38 0.15 0.00	22.02 0.17 0.00	20.16 0.16 0.00	20.93 0.17 0.00	20.34 0.14 0.00	19.61 0.14 0.00	20.30 0.14 0.00	21.26 0.15 0.00	24.57 0.17 0.00	28.20 0.20 0.00	27.39 0.19 0.00	27.74 0.22 0.00	26.31 0.18 0.00	25.95 0.18 0.00	29.07 0.23 0.00	34.19 0.27 0.00	34.12 0.30 0.00	42.56 0.38 0.00	48.56 0.43 0.00	43.70 0.39 0.00	36.26 0.32 0.00	32.07 0.22 0.00	30.56 0.21 0.00
WESTERN_NY_WIND 24143	22.73 -1.65 -0.45	20.28 -1.47 -0.51	20.69 -1.44 -0.29	19.49 -1.36 -0.85	19.73 -1.45 -0.42	19.63 -1.37 -0.81	19.95 -1.29 -1.76	20.64 -1.51 -1.99	20.73 -1.63 -1.25	23.05 -2.05 -0.70	26.09 -2.52 -0.60	25.30 -2.34 -0.44	25.31 -2.26 -0.05	24.28 -2.35 -0.50	23.95 -2.29 -0.48	26.18 -2.68 -0.03	30.90 -3.12 -0.10	31.28 -2.94 -0.41	38.86 -3.33 -0.01	44.56 -3.56 0.00	40.02 -3.29 0.00	33.71 -2.23 0.00	29.94 -1.91 0.00	28.34 -2.00 0.00
WESTOVER___LESR 323668	24.88 -0.55 -1.50	22.45 -0.51 -1.73	22.28 -0.52 -0.96	21.28 -0.46 -1.74	21.70 -0.48 -1.41	21.47 -0.46 -1.73	22.64 -0.45 -3.61	23.97 -0.46 -4.27	24.91 -0.49 -4.28	26.19 -0.59 -2.39	29.44 -0.62 -2.05	28.12 -0.57 -1.49	28.32 -0.55 -1.35	27.37 -0.55 -1.78	26.88 -0.57 -1.69	29.01 -0.58 -0.75	33.60 -0.71 -0.39	34.59 -0.68 -1.45	41.41 -0.80 -0.03	47.31 -0.82 0.00	42.53 -0.78 0.00	35.43 -0.50 0.00	31.40 -0.45 0.00	29.89 -0.46 0.00
WETHRSFD_WT_PWR 323626	21.56 -2.68 -0.30	19.18 -2.40 -0.35	19.60 -2.45 -0.20	18.87 -2.24 -1.11	18.70 -2.35 -0.29	18.95 -2.26 -1.01	19.59 -2.18 -2.30	20.27 -2.40 -2.50	19.43 -2.49 -0.81	21.91 -2.95 -0.47	24.88 -3.53 -0.40	24.05 -3.45 -0.30	21.91 -3.47 2.14	23.14 -3.29 -0.30	22.83 -3.22 -0.28	24.07 -3.66 1.11	29.69 -4.27 -0.05	29.96 -4.09 -0.24	37.34 -4.85 -0.01	42.93 -5.20 0.00	38.46 -4.85 0.00	32.52 -3.41 0.00	29.08 -2.77 0.00	27.76 -2.58 0.00
WHAVSTOR_138KV_BK127 55557	30.26 1.12 -5.20	28.19 0.98 -5.98	26.16 1.00 -3.31	25.96 0.90 -5.07	26.62 0.96 -4.90	26.32 0.97 -5.15	30.90 0.92 -10.51	33.85 0.99 -12.70	37.03 1.01 -14.91	33.85 1.17 -8.29	36.52 1.40 -7.11	33.77 1.41 -5.15	33.96 1.38 -5.06	33.67 1.28 -6.26	32.95 1.26 -5.92	33.18 1.50 -2.84	37.08 1.76 -1.40	40.66 1.76 -5.09	44.46 2.19 -0.09	50.43 2.31 0.00	45.39 2.08 0.00	37.59 1.65 0.00	33.12 1.27 0.00	31.47 1.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.26 1.12 -5.20	28.19 0.98 -5.98	26.16 1.00 -3.31	25.96 0.90 -5.07	26.62 0.96 -4.90	26.32 0.97 -5.15	30.90 0.92 -10.51	33.85 0.99 -12.70	37.03 1.01 -14.91	33.85 1.17 -8.29	36.52 1.40 -7.11	33.77 1.41 -5.15	33.96 1.38 -5.06	33.67 1.28 -6.26	32.95 1.26 -5.92	33.18 1.50 -2.84	37.08 1.76 -1.40	40.66 1.76 -5.09	44.46 2.19 -0.09	50.43 2.31 0.00	45.39 2.08 0.00	37.59 1.65 0.00	33.12 1.27 0.00	31.47 1.12 0.00
WHITEHAL_115KV_TB1 80871	32.32 1.60 -6.79	30.43 1.38 -7.81	27.56 1.40 -4.32	27.87 1.26 -6.62	28.47 1.31 -6.40	28.20 1.27 -6.72	34.47 1.27 -13.73	38.00 1.25 -16.59	41.91 1.33 -19.47	36.85 1.63 -10.83	39.23 1.93 -9.29	35.86 1.93 -6.73	36.14 2.01 -6.61	36.19 1.88 -8.18	35.35 1.86 -7.73	34.77 2.22 -3.71	38.36 2.61 -1.82	43.06 2.60 -6.64	45.75 3.46 -0.11	52.21 4.09 0.00	46.78 3.47 0.00	38.60 2.66 0.00	34.05 2.20 0.00	32.35 2.00 0.00
WHITEPLN_13_KV_LOAD 356215	30.79 1.46 -5.40	28.73 1.27 -6.22	26.59 1.31 -3.44	26.44 1.18 -5.27	27.08 1.22 -5.09	26.79 1.23 -5.35	31.56 1.17 -10.93	34.59 1.23 -13.20	37.89 1.29 -15.49	34.52 1.51 -8.62	37.19 1.79 -7.39	34.38 1.82 -5.36	34.59 1.82 -5.26	34.33 1.70 -6.51	33.59 1.67 -6.15	33.81 2.02 -2.95	37.81 2.44 -1.45	41.54 2.43 -5.29	45.35 3.08 -0.09	51.40 3.27 0.00	46.26 2.95 0.00	38.27 2.34 0.00	33.73 1.88 0.00	32.01 1.67 0.00
WM_FLOYD_69_KV_BK2 356380	31.07 1.72 -5.41	28.80 1.34 -6.23	26.64 1.35 -3.44	26.39 1.12 -5.28	26.99 1.12 -5.10	26.76 1.19 -5.36	31.62 1.21 -10.95	35.14 1.75 -13.22	38.43 1.79 -15.52	34.78 1.76 -8.63	37.06 1.65 -7.41	34.09 1.52 -5.37	34.25 1.46 -5.27	34.06 1.41 -6.52	33.32 1.39 -6.16	33.58 1.79 -2.96	37.58 2.20 -1.45	41.58 2.47 -5.30	45.27 2.99 -0.09	51.01 2.89 0.00	45.83 2.51 0.00	38.31 2.37 0.00	33.54 1.69 0.00	31.86 1.52 0.00
WOODARD___115KV_TB2 355635	23.96 -0.57 -0.60	21.39 -0.53 -0.69	21.68 -0.55 -0.38	20.08 -0.50 -0.58	20.81 -0.52 -0.56	20.29 -0.51 -0.59	20.19 -0.49 -1.21	21.10 -0.52 -1.46	22.30 -0.53 -1.71	24.71 -0.63 -0.95	28.12 -0.70 -0.82	27.14 -0.65 -0.59	27.50 -0.61 -0.58	26.22 -0.63 -0.72	25.85 -0.59 -0.68	28.44 -0.72 -0.33	33.20 -0.88 -0.16	33.56 -0.85 -0.58	41.18 -1.01 -0.01	47.02 -1.11 0.00	42.27 -1.04 0.00	35.15 -0.79 0.00	31.15 -0.70 0.00	29.74 -0.61 0.00
YORK___WARBASSE 23770	48.45 1.72 -22.79	36.64 1.53 -13.87	26.97 1.57 -3.55	26.80 1.42 -5.38	27.35 1.47 -5.11	27.15 1.47 -5.47	47.17 1.36 -26.33	46.98 1.45 -25.37	48.49 1.48 -25.90	48.38 1.78 -22.21	49.17 2.07 -19.09	49.68 2.04 -20.44	50.82 2.01 -21.29	50.29 1.93 -22.22	50.96 1.86 -23.34	50.84 2.19 -19.81	53.13 2.65 -16.57	54.47 2.67 -17.98	52.22 3.29 -6.75	51.80 3.46 -0.21	51.60 3.16 -5.12	48.61 2.52 -10.16	48.14 2.10 -14.19	47.26 1.91 -15.00