

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/14/2025

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	32.59	30.15	28.47	27.61	29.09	31.09	36.99	43.41	43.64	42.08	41.03	39.92	39.83	40.51	41.30	42.95	44.87	49.52	52.64	56.56	55.20	49.46	38.86	36.30
24138	2.14	1.81	1.82	1.58	1.96	2.62	2.71	3.58	3.79	3.65	3.42	3.23	3.29	3.31	3.34	3.47	3.63	4.05	3.94	4.14	4.04	3.41	2.91	3.12
	-8.39	-9.73	-7.50	-9.39	-6.97	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
74TH STREET_GT_1	32.54	30.11	28.43	27.58	29.05	31.01	36.89	43.25	43.56	42.04	40.99	39.88	39.76	40.48	41.26	42.91	44.83	49.47	52.49	56.41	55.10	49.50	38.86	36.23
24260	2.10	1.77	1.78	1.55	1.92	2.53	2.61	3.42	3.71	3.61	3.38	3.19	3.22	3.27	3.30	3.43	3.59	4.00	3.80	3.98	3.94	3.45	2.91	3.05
	-8.40	-9.74	-7.50	-9.39	-6.97	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
74TH STREET_GT_2	32.54	30.11	28.43	27.58	29.05	31.01	36.89	43.25	43.56	42.04	40.99	39.88	39.76	40.48	41.26	42.91	44.83	49.47	52.49	56.41	55.10	49.50	38.86	36.23
24261	2.10	1.77	1.78	1.55	1.92	2.53	2.61	3.42	3.71	3.61	3.38	3.19	3.22	3.27	3.30	3.43	3.59	4.00	3.80	3.98	3.94	3.45	2.91	3.05
	-8.40	-9.74	-7.50	-9.39	-6.97	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
ADK HUDSON___FALLS	34.30	32.31	30.03	29.81	30.38	30.18	35.93	49.24	44.32	40.12	39.84	39.56	38.44	39.70	39.94	41.46	45.63	47.93	51.33	55.52	54.02	48.58	38.18	35.30
24011	1.32	1.04	1.13	0.95	1.15	1.71	1.65	2.19	2.11	1.69	1.81	1.83	1.68	1.82	1.97	1.93	2.19	2.46	2.63	3.09	2.86	2.53	2.23	2.12
	-10.92	-12.66	-9.75	-12.22	-9.07	0.00	0.00	-7.23	-2.36	0.00	-0.43	-1.03	-0.22	-0.67	0.00	-0.06	-2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.34	32.37	30.09	29.84	30.44	30.24	36.03	49.11	44.34	40.24	39.93	39.63	38.54	39.82	40.09	41.62	45.67	48.06	51.52	55.73	54.23	48.76	38.32	35.44
23798	1.37	1.10	1.19	0.98	1.21	1.77	1.75	2.35	2.23	1.81	1.92	1.94	1.79	1.97	2.12	2.09	2.31	2.59	2.82	3.30	3.07	2.72	2.37	2.26
	-10.92	-12.67	-9.75	-12.22	-9.07	0.00	0.00	-6.94	-2.26	0.00	-0.41	-0.99	-0.21	-0.64	0.00	-0.05	-2.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.30	32.31	30.03	29.81	30.38	30.18	35.93	49.24	44.32	40.12	39.84	39.56	38.44	39.70	39.94	41.46	45.63	47.93	51.33	55.52	54.02	48.58	38.18	35.30
24028	1.32	1.04	1.13	0.95	1.15	1.71	1.65	2.19	2.11	1.69	1.81	1.83	1.68	1.82	1.97	1.93	2.19	2.46	2.63	3.09	2.86	2.53	2.23	2.12
	-10.92	-12.66	-9.75	-12.22	-9.07	0.00	0.00	-7.23	-2.36	0.00	-0.43	-1.03	-0.22	-0.67	0.00	-0.06	-2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.94	32.00	29.73	29.49	30.12	30.04	35.86	58.42	47.06	39.89	40.13	40.64	38.58	40.30	39.48	41.22	48.04	47.65	50.89	54.73	53.51	48.12	37.78	35.10
23527	1.23	1.04	1.07	0.93	1.11	1.56	1.58	1.99	1.80	1.46	1.54	1.58	1.53	1.56	1.52	1.62	1.73	2.18	2.19	2.30	2.35	2.07	1.83	1.92
	-10.65	-12.35	-9.51	-11.92	-8.85	0.00	0.00	-16.60	-5.41	0.00	-0.98	-2.37	-0.51	-1.54	0.00	-0.13	-5.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	33.17	31.34	29.07	28.90	29.42	29.13	34.66	31.84	37.57	38.77	37.51	35.94	36.72	36.85	38.38	39.84	39.16	46.06	49.13	52.89	51.62	46.42	36.59	34.01
24190	0.51	0.43	0.44	0.38	0.44	0.65	0.38	0.60	0.52	0.35	0.41	0.48	0.44	0.45	0.42	0.43	0.54	0.59	0.44	0.47	0.46	0.37	0.65	0.83
	-10.61	-12.31	-9.48	-11.88	-8.82	0.00	0.00	8.58	2.80	0.00	0.51	1.23	0.26	0.80	0.00	0.07	2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	21.59	18.22	18.77	16.29	19.76	27.99	34.21	39.74	39.77	38.39	37.64	36.69	36.54	37.17	37.92	39.47	41.20	45.38	48.70	52.42	51.16	46.00	35.66	32.52
355683	-0.46	-0.39	-0.38	-0.35	-0.40	-0.48	-0.07	-0.08	-0.08	-0.04	0.04	0.00	0.00	-0.04	-0.04	0.00	-0.04	-0.09	0.00	0.00	0.00	-0.05	-0.29	-0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	33.04	31.12	28.96	28.69	29.35	29.53	35.14	36.40	39.40	39.16	38.13	36.81	37.13	37.56	38.68	40.27	40.80	46.61	49.86	53.73	52.48	47.20	37.20	34.54
323833	0.73	0.61	0.65	0.57	0.66	1.05	0.86	1.16	1.03	0.73	0.79	0.77	0.73	0.78	0.72	0.83	0.95	1.14	1.17	1.31	1.33	1.15	1.26	1.36
	-10.26	-11.90	-9.16	-11.48	-8.52	0.00	0.00	4.58	1.49	0.00	0.27	0.65	0.14	0.42	0.00	0.04	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	33.04	31.12	28.97	28.67	29.33	29.50	35.14	36.35	39.36	39.12	38.09	36.81	37.13	37.56	38.68	40.27	40.80	46.56	49.82	53.73	52.44	47.20	37.17	34.51
323834	0.73	0.61	0.65	0.55	0.64	1.02	0.86	1.11	1.00	0.69	0.75	0.77	0.73	0.78	0.72	0.83	0.95	1.09	1.12	1.31	1.28	1.15	1.22	1.33
	-10.26	-11.90	-9.16	-11.48	-8.52	0.00	0.00	4.58	1.49	0.00	0.27	0.66	0.14	0.42	0.00	0.04	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	33.17	31.34	29.07	28.90	29.42	29.13	34.66	31.84	37.57	38.77	37.51	35.94	36.72	36.85	38.38	39.84	39.16	46.06	49.13	52.89	51.62	46.42	36.59	34.01
23571	0.51	0.43	0.44	0.38	0.44	0.65	0.38	0.60	0.52	0.35	0.41	0.48	0.44	0.45	0.42	0.43	0.54	0.59	0.44	0.47	0.46	0.37	0.65	0.83
	-10.61	-12.31	-9.48	-11.88	-8.82	0.00	0.00	8.58	2.80	0.00	0.51	1.23	0.26	0.80	0.00	0.07	2.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	33.17 0.51 -10.61	31.34 0.43 -12.31	29.07 0.44 -9.48	28.90 0.38 -11.88	29.42 0.44 -8.82	29.13 0.65 0.00	34.66 0.38 0.00	31.84 0.60 8.58	37.57 0.52 2.80	38.77 0.35 0.00	37.51 0.41 0.51	35.94 0.48 1.23	36.72 0.44 0.26	36.85 0.45 0.80	38.38 0.42 0.00	39.84 0.43 0.07	39.16 0.54 2.62	46.06 0.59 0.00	49.13 0.44 0.00	52.89 0.47 0.00	51.62 0.46 0.00	46.42 0.37 0.00	36.59 0.65 0.00	34.01 0.83 0.00
ALBANY___3 23573	33.17 0.51 -10.61	31.34 0.43 -12.31	29.07 0.44 -9.48	28.90 0.38 -11.88	29.42 0.44 -8.82	29.13 0.65 0.00	34.66 0.38 0.00	31.84 0.60 8.58	37.57 0.52 2.80	38.77 0.35 0.00	37.51 0.41 0.51	35.94 0.48 1.23	36.72 0.44 0.26	36.85 0.45 0.80	38.38 0.42 0.00	39.84 0.43 0.07	39.16 0.54 2.62	46.06 0.59 0.00	49.13 0.44 0.00	52.89 0.47 0.00	51.62 0.46 0.00	46.42 0.37 0.00	36.59 0.65 0.00	34.01 0.83 0.00
ALBANY___4 23574	33.17 0.51 -10.61	31.34 0.43 -12.31	29.07 0.44 -9.48	28.90 0.38 -11.88	29.42 0.44 -8.82	29.13 0.65 0.00	34.66 0.38 0.00	31.84 0.60 8.58	37.57 0.52 2.80	38.77 0.35 0.00	37.51 0.41 0.51	35.94 0.48 1.23	36.72 0.44 0.26	36.85 0.45 0.80	38.38 0.42 0.00	39.84 0.43 0.07	39.16 0.54 2.62	46.06 0.59 0.00	49.13 0.44 0.00	52.89 0.47 0.00	51.62 0.46 0.00	46.42 0.37 0.00	36.59 0.65 0.00	34.01 0.83 0.00
ALBANY___LFGE 323615	33.43 0.68 -10.70	31.59 0.58 -12.40	29.31 0.61 -9.55	29.12 0.52 -11.97	29.65 0.60 -8.89	29.33 0.85 0.00	34.93 0.65 0.00	32.65 0.95 8.13	38.08 0.88 2.65	39.12 0.69 0.00	37.92 0.79 0.48	36.37 0.84 1.16	37.06 0.77 0.25	37.27 0.82 0.75	38.80 0.83 0.00	40.24 0.83 0.06	39.67 0.91 2.48	46.52 1.05 0.00	49.62 0.92 0.00	53.42 0.99 0.00	52.08 0.92 0.00	46.83 0.78 0.00	36.92 0.97 0.00	34.31 1.13 0.00
ALCOA_PA_115KV_PL-6C 55860	21.57 -0.49 0.00	18.20 -0.41 0.00	18.73 -0.42 0.00	16.27 -0.37 0.00	19.72 -0.44 0.00	27.96 -0.51 0.00	34.31 0.03 0.00	39.86 0.04 0.00	39.89 0.04 0.00	38.51 0.08 0.00	37.72 0.11 0.00	36.80 0.11 0.00	36.65 0.11 0.00	37.24 0.04 0.00	38.00 0.04 0.00	39.59 0.12 0.00	41.33 0.08 0.00	45.33 -0.14 0.00	48.65 -0.05 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.00 -0.05 0.00	35.66 -0.29 0.00	32.48 -0.70 0.00
ALCOA_RYNLDS___DRP 24188	21.57 -0.49 0.00	18.20 -0.41 0.00	18.73 -0.42 0.00	16.27 -0.37 0.00	19.72 -0.44 0.00	27.96 -0.51 0.00	34.31 0.03 0.00	39.86 0.04 0.00	39.89 0.04 0.00	38.51 0.08 0.00	37.72 0.11 0.00	36.80 0.11 0.00	36.65 0.11 0.00	37.24 0.04 0.00	38.00 0.04 0.00	39.59 0.12 0.00	41.33 0.08 0.00	45.33 -0.14 0.00	48.65 -0.05 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.00 -0.05 0.00	35.66 -0.29 0.00	32.48 -0.70 0.00
ALCOA___DSASP 323711	21.59 -0.46 0.00	18.20 -0.41 0.00	18.73 -0.42 0.00	16.27 -0.37 0.00	19.72 -0.44 0.00	27.93 -0.54 0.00	34.31 0.03 0.00	39.86 0.04 0.00	39.89 0.04 0.00	38.51 0.08 0.00	37.72 0.11 0.00	36.80 0.11 0.00	36.65 0.11 0.00	37.24 0.04 0.00	38.00 0.04 0.00	39.59 0.12 0.00	41.37 0.12 0.00	45.33 -0.14 0.00	48.65 -0.05 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.00 -0.05 0.00	35.66 -0.29 0.00	32.48 -0.70 0.00
ALLEGHENY___COGEN 23514	23.34 -0.20 -1.49	20.24 -0.09 -1.73	20.41 -0.08 -1.33	18.21 -0.10 -1.67	21.24 -0.16 -1.24	28.13 -0.34 0.00	33.70 -0.58 0.00	39.07 -0.91 -0.17	47.03 -1.40 -8.57	52.84 -1.42 -15.84	39.34 -1.73 -3.46	35.04 -1.76 -0.11	34.85 -1.86 -0.17	35.55 -1.82 -0.17	36.22 -1.75 0.00	37.82 -1.66 0.00	39.76 -1.65 -0.17	52.44 -1.46 -8.43	48.06 -0.63 0.00	52.47 0.05 0.00	51.36 0.21 0.00	46.56 0.51 0.00	36.45 0.50 0.00	33.65 0.46 0.00
ALTAMONT_115KV_TB 2 55880	33.37 0.73 -10.59	31.50 0.61 -12.28	29.24 0.63 -9.46	29.04 0.55 -11.85	29.60 0.65 -8.80	29.38 0.91 0.00	35.03 0.75 0.00	36.90 1.00 3.92	39.53 0.96 1.28	39.24 0.81 0.00	38.16 0.79 0.23	36.94 0.81 0.56	37.19 0.77 0.12	37.66 0.82 0.36	38.76 0.80 0.00	40.27 0.83 0.03	41.00 0.95 1.19	46.56 1.09 0.00	49.72 1.02 0.00	53.52 1.10 0.00	52.23 1.07 0.00	47.02 0.97 0.00	36.92 0.97 0.00	34.31 1.13 0.00
ALTONA_WT_PWR 323606	21.57 -0.49 0.00	18.18 -0.43 0.00	18.75 -0.40 0.00	16.32 -0.32 0.00	19.84 -0.32 0.00	28.16 -0.31 0.00	34.42 0.14 0.00	40.06 0.24 0.00	40.09 0.24 0.00	38.73 0.31 0.00	37.94 0.34 0.00	36.98 0.29 0.00	36.83 0.29 0.00	37.43 0.22 0.00	38.11 0.15 0.00	39.67 0.20 0.00	41.45 0.21 0.00	45.61 0.14 0.00	49.04 0.34 0.00	52.79 0.37 0.00	51.41 0.26 0.00	46.19 0.14 0.00	35.80 -0.14 0.00	32.65 -0.53 0.00
AMERICAN_REF_FUEL 24010	21.43 -1.96 -1.34	18.58 -1.58 -1.55	18.74 -1.61 -1.20	16.72 -1.41 -1.50	19.48 -1.79 -1.11	25.85 -2.62 0.00	30.58 -3.70 0.00	33.45 -4.62 0.04	30.86 -4.46 1.94	32.71 -4.00 3.57	32.45 -4.10 0.80	32.37 -4.22 0.03	32.92 -4.13 0.04	33.60 -4.24 0.04	35.01 -4.36 0.00	36.38 -4.46 0.00	38.32 -4.83 0.04	43.19 -5.55 1.60	46.66 -5.50 0.00	45.63 -5.77 0.00	41.58 -5.53 0.00	33.04 -4.47 0.00	30.73 -2.91 0.00	-2.46 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.80 -1.77 -1.51	18.96 -1.40 -1.75	19.06 -1.44 -1.35	17.12 -1.21 -1.69	19.90 -1.51 -1.26	26.57 -1.91 0.00	31.50 -2.78 0.00	37.04 -2.75 0.04	35.24 -2.71 1.90	32.58 -2.35 3.50	34.34 -2.48 0.78	33.73 -2.94 0.02	33.72 -2.78 0.04	34.56 -2.61 0.04	35.34 -2.62 0.00	36.87 -2.61 0.00	38.36 -2.85 0.04	41.32 -2.55 1.60	45.72 -2.97 0.00	49.38 -3.04 0.00	48.24 -2.91 0.00	43.79 -2.26 0.00	34.65 -1.29 0.00	32.09 -1.09 0.00
ARTHUR KILL_GT_1 23520	32.48 2.01 -8.42	30.27 1.90 -9.76	28.64 1.97 -7.52	27.76 1.71 -9.40	29.28 2.14 -6.98	31.23 2.73 -0.02	36.81 2.50 -0.03	42.88 3.03 -0.03	43.13 3.23 -0.05	47.13 3.19 -5.51	47.16 3.01 -6.55	47.73 2.86 -8.17	47.69 2.89 -8.26	47.66 2.90 -7.55	48.27 2.96 -7.35	49.53 3.08 -6.98	50.15 3.26 -5.64	49.80 3.64 -0.69	52.25 3.55 0.00	56.14 3.72 0.00	54.79 3.63 0.00	49.13 3.04 -0.05	38.51 2.52 -0.05	35.88 2.65 -0.05
ARTHUR_KILL_2 23512	32.41 1.94 -8.42	30.21 1.84 -9.76	28.59 1.91 -7.52	27.72 1.68 -9.40	29.24 2.10 -6.98	31.14 2.65 -0.02	36.71 2.40 -0.03	42.76 2.91 -0.03	43.01 3.11 -0.05	47.05 3.11 -5.51	47.05 2.90 -6.55	47.58 2.72 -8.17	47.58 2.78 -8.26	47.58 2.83 -7.55	48.16 2.85 -7.35	49.41 2.96 -6.98	49.98 3.09 -5.64	49.71 3.55 -0.69	52.05 3.36 0.00	55.99 3.57 0.00	54.68 3.53 0.00	48.95 2.86 -0.05	38.40 2.41 -0.05	35.78 2.56 -0.05
ARTHUR_KILL_3 23513	32.38 1.92 -8.41	29.96 1.60 -9.75	28.27 1.61 -7.51	27.41 1.38 -9.39	28.87 1.73 -6.97	30.74 2.25 -0.01	36.64 2.33 -0.02	42.99 3.15 -0.02	43.32 3.43 -0.04	47.24 3.31 -5.50	47.23 3.08 -6.54	47.72 2.86 -8.16	47.72 2.92 -8.25	47.68 2.94 -7.54	48.27 2.96 -7.34	49.52 3.08 -6.97	50.05 3.18 -5.64	49.79 3.64 -0.68	51.91 3.21 0.00	55.88 3.46 0.00	54.64 3.48 0.00	49.13 3.04 -0.04	38.65 2.66 -0.04	36.04 2.82 -0.04

ARTHUR_KILL_COGEN 323718	32.48 2.01 -8.42	30.27 1.90 -9.76	28.64 1.97 -7.52	27.76 1.71 -9.40	29.28 2.14 -6.98	31.20 2.71 -0.02	36.78 2.47 -0.03	42.88 3.03 -0.03	43.13 3.23 -0.05	47.13 3.19 -5.51	47.16 3.01 -6.55	47.69 2.83 -8.17	47.69 2.89 -8.26	47.66 2.90 -7.55	48.27 2.96 -7.35	49.53 3.08 -6.98	50.11 3.22 -5.64	49.84 3.68 -0.69	52.25 3.55 0.00	56.14 3.72 0.00	54.84 3.69 0.00	49.09 2.99 -0.05	38.51 2.52 -0.05	35.88 2.66 -0.05
ASHOKAN____ 23654	32.08 0.64 -9.39	30.02 0.52 -10.89	28.02 0.48 -8.38	27.61 0.47 -10.51	28.50 0.54 -7.80	30.55 2.08 0.00	36.30 2.02 0.00	39.96 3.15 3.01	42.14 3.27 0.98	40.58 2.15 0.00	39.84 2.41 0.18	38.54 2.28 0.43	38.68 2.23 0.09	39.16 2.23 0.28	39.67 1.71 0.00	41.70 2.25 0.02	43.13 2.81 0.92	48.11 2.64 0.00	51.52 2.82 0.00	55.78 3.36 0.00	54.43 3.28 0.00	48.86 2.81 0.00	38.68 2.73 0.00	35.84 2.66 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.30 1.85 -8.40	30.02 1.68 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.66 2.19 0.01	36.43 2.16 0.01	42.68 2.87 0.01	43.04 3.19 0.01	41.61 3.19 0.01	40.61 3.01 0.01	39.51 2.83 0.01	39.42 2.89 0.01	40.10 2.90 0.01	40.92 2.96 0.01	42.50 3.04 0.01	44.41 3.18 0.01	49.05 3.59 0.01	51.90 3.21 0.01	55.77 3.36 0.01	54.47 3.32 0.01	48.90 2.86 0.01	38.42 2.48 0.01	35.79 2.62 0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.30 1.85 -8.40	30.02 1.68 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.66 2.19 0.01	36.43 2.16 0.01	42.68 2.87 0.01	43.04 3.19 0.01	41.61 3.19 0.01	40.61 3.01 0.01	39.51 2.83 0.01	39.42 2.89 0.01	40.10 2.90 0.01	40.92 2.96 0.01	42.50 3.04 0.01	44.41 3.18 0.01	49.05 3.59 0.01	51.90 3.21 0.01	55.77 3.36 0.01	54.47 3.32 0.01	48.90 2.86 0.01	38.42 2.48 0.01	35.79 2.62 0.01
ASTORIA_GT2_1 24094	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT2_2 24095	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT2_3 24096	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT2_4 24097	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT3_1 24098	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT3_2 24099	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT3_3 24100	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT3_4 24101	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT4_1 24102	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT4_2 24103	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT4_3 24104	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00

ASTORIA_GT4_4 24105	32.30 1.85 -8.40	30.00 1.66 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.72 2.25 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.08 3.23 0.00	41.62 3.19 0.00	40.61 3.01 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.10 2.90 0.00	40.92 2.96 0.00	42.55 3.08 0.00	44.46 3.22 0.00	49.02 3.55 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.43 2.48 0.00	35.80 2.62 0.00
ASTORIA_GT_1 23523	32.35 1.90 -8.40	30.02 1.67 -9.74	28.41 1.76 -7.50	27.51 1.48 -9.39	29.01 1.87 -6.97	30.75 2.28 0.00	36.51 2.23 0.00	42.81 2.99 0.00	43.16 3.31 0.00	41.70 3.27 0.00	40.69 3.08 0.00	39.63 2.94 0.00	39.50 2.96 0.00	40.18 2.98 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.54 3.30 0.00	49.11 3.64 0.00	52.01 3.31 0.00	55.93 3.51 0.00	54.58 3.43 0.00	49.04 2.99 0.00	38.50 2.55 0.00	35.87 2.69 0.00
ASTORIA_GT_10 24110	32.43 1.98 -8.40	30.06 1.71 -9.74	28.39 1.74 -7.50	27.53 1.50 -9.39	29.01 1.87 -6.97	30.89 2.42 0.00	36.68 2.40 0.00	42.97 3.15 0.00	43.28 3.43 0.00	41.81 3.38 0.00	40.80 3.20 0.00	39.74 3.05 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.11 3.15 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.18 3.13 0.00	38.64 2.70 0.00	36.00 2.82 0.00
ASTORIA_GT_11 24225	32.43 1.98 -8.40	30.06 1.71 -9.74	28.39 1.74 -7.50	27.53 1.50 -9.39	29.01 1.87 -6.97	30.89 2.42 0.00	36.68 2.40 0.00	42.97 3.15 0.00	43.28 3.43 0.00	41.81 3.38 0.00	40.80 3.20 0.00	39.74 3.05 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.11 3.15 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.18 3.13 0.00	38.64 2.70 0.00	36.00 2.82 0.00
ASTORIA_GT_12 24226	32.43 1.98 -8.40	30.06 1.71 -9.74	28.39 1.74 -7.50	27.53 1.50 -9.39	29.01 1.87 -6.97	30.89 2.42 0.00	36.68 2.40 0.00	42.97 3.15 0.00	43.28 3.43 0.00	41.81 3.38 0.00	40.80 3.20 0.00	39.74 3.05 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.11 3.15 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.18 3.13 0.00	38.64 2.70 0.00	36.00 2.82 0.00
ASTORIA_GT_13 24227	32.43 1.98 -8.40	30.06 1.71 -9.74	28.39 1.74 -7.50	27.53 1.50 -9.39	29.01 1.87 -6.97	30.89 2.42 0.00	36.68 2.40 0.00	42.97 3.15 0.00	43.28 3.43 0.00	41.81 3.38 0.00	40.80 3.20 0.00	39.74 3.05 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.11 3.15 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.18 3.13 0.00	38.64 2.70 0.00	36.00 2.82 0.00
ASTORIA_GT_5 24106	32.35 1.90 -8.40	30.02 1.67 -9.74	28.41 1.76 -7.50	27.51 1.48 -9.39	29.01 1.87 -6.97	30.75 2.28 0.00	36.51 2.23 0.00	42.81 2.99 0.00	43.16 3.31 0.00	41.70 3.27 0.00	40.69 3.08 0.00	39.63 2.94 0.00	39.50 2.96 0.00	40.18 2.98 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.54 3.30 0.00	49.11 3.64 0.00	52.01 3.31 0.00	55.93 3.51 0.00	54.58 3.43 0.00	49.04 2.99 0.00	38.50 2.55 0.00	35.87 2.69 0.00
ASTORIA_GT_7 24107	32.35 1.90 -8.40	30.02 1.67 -9.74	28.41 1.76 -7.50	27.51 1.48 -9.39	29.01 1.87 -6.97	30.75 2.28 0.00	36.51 2.23 0.00	42.81 2.99 0.00	43.16 3.31 0.00	41.70 3.27 0.00	40.69 3.08 0.00	39.63 2.94 0.00	39.50 2.96 0.00	40.18 2.98 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.54 3.30 0.00	49.11 3.64 0.00	52.01 3.31 0.00	55.93 3.51 0.00	54.58 3.43 0.00	49.04 2.99 0.00	38.50 2.55 0.00	35.87 2.69 0.00
ASTORIA_GT_8 24108	32.35 1.90 -8.40	30.02 1.67 -9.74	28.41 1.76 -7.50	27.51 1.48 -9.39	29.01 1.87 -6.97	30.75 2.28 0.00	36.51 2.23 0.00	42.81 2.99 0.00	43.16 3.31 0.00	41.70 3.27 0.00	40.69 3.08 0.00	39.63 2.94 0.00	39.50 2.96 0.00	40.18 2.98 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.54 3.30 0.00	49.11 3.64 0.00	52.01 3.31 0.00	55.93 3.51 0.00	54.58 3.43 0.00	49.04 2.99 0.00	38.50 2.55 0.00	35.87 2.69 0.00
ASTORIA___2 24149	32.30 1.85 -8.40	30.04 1.69 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.69 2.22 0.01	36.47 2.20 0.01	42.72 2.91 0.01	43.07 3.23 0.01	41.61 3.19 0.01	40.61 3.01 0.01	39.51 2.83 0.01	39.42 2.89 0.01	40.10 2.90 0.01	40.92 2.96 0.01	42.54 3.08 0.01	44.41 3.18 0.01	49.05 3.59 0.01	51.90 3.21 0.01	55.82 3.41 0.01	54.52 3.38 0.01	48.94 2.90 0.01	38.42 2.48 0.01	35.79 2.62 0.01
ASTORIA___3 23516	32.41 1.96 -8.40	30.06 1.71 -9.74	28.39 1.74 -7.50	27.53 1.50 -9.39	29.01 1.88 -6.97	30.86 2.39 0.00	36.68 2.40 0.00	42.97 3.15 0.00	43.28 3.43 0.00	41.81 3.38 0.00	40.80 3.19 0.00	39.70 3.01 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.11 3.15 0.00	42.71 3.24 0.00	44.58 3.34 0.00	49.29 3.82 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.18 3.13 0.00	38.64 2.70 0.00	36.00 2.82 0.00
ASTORIA___4 23517	32.43 1.98 -8.40	30.06 1.71 -9.74	28.39 1.74 -7.50	27.53 1.50 -9.39	29.01 1.87 -6.97	30.89 2.42 0.00	36.68 2.40 0.00	42.97 3.15 0.00	43.28 3.43 0.00	41.81 3.38 0.00	40.80 3.20 0.00	39.74 3.05 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.11 3.15 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.18 3.13 0.00	38.64 2.70 0.00	36.00 2.82 0.00
ASTORIA___5 23518	32.41 1.96 -8.40	30.06 1.71 -9.74	28.39 1.74 -7.50	27.53 1.50 -9.39	29.01 1.88 -6.97	30.86 2.39 0.00	36.68 2.40 0.00	42.97 3.15 0.00	43.28 3.43 0.00	41.81 3.38 0.00	40.80 3.19 0.00	39.70 3.01 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.11 3.15 0.00	42.71 3.24 0.00	44.58 3.34 0.00	49.29 3.82 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.18 3.13 0.00	38.64 2.70 0.00	36.00 2.82 0.00
AST_ENERGY_2_CC3 323677	32.39 1.94 -8.39	29.98 1.64 -9.74	28.31 1.67 -7.50	27.46 1.43 -9.39	28.93 1.79 -6.97	30.78 2.31 0.00	35.08 2.36 1.56	35.08 3.15 7.89	35.98 3.39 7.26	35.08 3.26 6.61	36.39 3.04 4.26	36.39 2.86 3.17	36.39 2.92 3.08	36.39 2.94 3.75	36.39 2.96 4.53	36.39 3.08 6.16	36.96 3.22 7.50	36.39 3.64 12.72	36.39 3.36 15.66	40.21 3.57 15.78	38.99 3.53 15.69	41.21 3.04 7.88	36.39 2.62 2.18	35.98 2.82 0.02
AST_ENERGY_2_CC4 323678	32.39 1.94 -8.39	29.98 1.64 -9.74	28.31 1.67 -7.50	27.46 1.43 -9.39	28.93 1.79 -6.97	30.78 2.31 0.00	35.08 2.36 1.56	35.08 3.15 7.89	35.98 3.39 7.26	35.08 3.26 6.61	36.39 3.04 4.26	36.39 2.86 3.17	36.39 2.92 3.08	36.39 2.94 3.75	36.39 2.96 4.53	36.39 3.08 6.16	36.96 3.22 7.50	36.39 3.64 12.72	36.39 3.36 15.66	40.21 3.57 15.78	38.99 3.53 15.69	41.21 3.04 7.88	36.39 2.62 2.18	35.98 2.82 0.02

ATHENS_STG_1 23668	32.51 0.93 -9.54	30.47 0.80 -11.06	28.47 0.80 -8.51	28.02 0.72 -10.67	28.95 0.87 -7.92	29.58 1.11 0.00	35.27 0.99 0.00	41.10 1.27 0.00	41.13 1.27 0.00	39.58 1.15 0.00	38.73 1.13 0.00	37.76 1.06 0.00	37.60 1.06 0.00	38.28 1.08 0.00	39.06 1.10 0.00	40.62 1.15 0.00	42.44 1.20 0.00	46.88 1.41 0.00	49.96 1.26 0.00	53.78 1.36 0.00	52.54 1.38 0.00	47.20 1.15 0.00	37.10 1.15 0.00	34.54 1.36 0.00
ATHENS_STG_2 23670	32.51 0.93 -9.54	30.47 0.80 -11.06	28.47 0.80 -8.51	28.02 0.72 -10.67	28.95 0.87 -7.92	29.58 1.11 0.00	35.27 0.99 0.00	41.10 1.27 0.00	41.13 1.27 0.00	39.58 1.15 0.00	38.73 1.13 0.00	37.76 1.06 0.00	37.60 1.06 0.00	38.28 1.08 0.00	39.06 1.10 0.00	40.62 1.15 0.00	42.44 1.20 0.00	46.88 1.41 0.00	49.96 1.26 0.00	53.78 1.36 0.00	52.54 1.38 0.00	47.20 1.15 0.00	37.10 1.15 0.00	34.54 1.36 0.00
ATHENS_STG_3 23677	32.51 0.93 -9.54	30.47 0.80 -11.06	28.47 0.80 -8.51	28.02 0.72 -10.67	28.95 0.87 -7.92	29.58 1.11 0.00	35.27 0.99 0.00	41.10 1.27 0.00	41.13 1.27 0.00	39.58 1.15 0.00	38.73 1.13 0.00	37.76 1.06 0.00	37.60 1.06 0.00	38.28 1.08 0.00	39.06 1.10 0.00	40.62 1.15 0.00	42.44 1.20 0.00	46.88 1.41 0.00	49.96 1.26 0.00	53.78 1.36 0.00	52.54 1.38 0.00	47.20 1.15 0.00	37.10 1.15 0.00	34.54 1.36 0.00
AUBURN___LFGE 323710	22.99 -0.09 -1.02	19.72 -0.07 -1.19	19.99 -0.08 -0.91	17.70 -0.08 -1.14	20.91 -0.10 -0.85	28.22 -0.26 0.00	33.94 -0.34 0.00	39.34 -0.48 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.19 -0.41 0.00	36.29 -0.40 0.00	36.18 -0.37 0.00	36.87 -0.33 0.00	37.62 -0.34 0.00	39.08 -0.39 0.00	40.87 -0.37 0.00	44.97 -0.50 0.00	48.36 -0.34 0.00	52.06 -0.37 0.00	50.80 -0.36 0.00	45.77 -0.28 0.00	35.84 -0.11 0.00	33.15 -0.03 0.00
BABYLON_RES_REC 323704	45.29 2.54 -20.70	38.84 2.14 -18.09	34.87 2.18 -13.54	30.40 1.90 -11.87	33.53 2.34 -11.03	38.05 3.13 -6.45	45.67 3.32 -8.06	47.09 4.22 -3.05	47.85 4.34 -3.65	48.99 4.03 -6.53	53.35 2.90 -12.84	53.41 2.57 -14.15	55.18 2.67 -15.97	57.01 2.71 -17.09	58.64 2.62 -18.06	58.60 2.76 -16.37	58.38 2.93 -14.21	80.01 3.41 -31.12	62.46 3.26 -10.50	64.63 3.51 -8.70	61.71 3.48 -7.08	62.07 2.99 -13.03	45.54 3.09 -6.50	43.24 3.72 -6.34
BALL_HILL_WT_PWR 323825	22.11 -1.41 -1.46	19.21 -1.10 -1.70	19.33 -1.13 -1.31	17.31 -0.97 -1.64	20.15 -1.23 -1.22	26.85 -1.62 0.00	31.78 -2.50 0.00	37.14 -2.63 0.05	34.75 -2.59 2.52	31.52 -2.27 4.64	34.17 -2.41 1.03	33.83 -2.82 0.03	33.79 -2.70 0.05	34.55 -2.61 0.05	35.23 -2.73 0.00	36.71 -2.76 0.00	38.14 -3.05 0.05	40.38 -2.91 2.18	45.38 -3.31 0.00	48.96 -3.46 0.00	47.88 -3.28 0.00	43.52 -2.53 0.00	34.51 -1.44 0.00	32.09 -1.09 0.00
BARON_WINDS___WT_PWR 323822	22.89 -1.08 -1.92	19.96 -0.87 -2.23	19.99 -0.88 -1.71	18.06 -0.73 -2.15	20.85 -0.91 -1.60	27.25 -1.22 0.00	32.46 -1.82 0.00	37.67 -1.87 0.28	23.75 -1.95 14.15	10.56 -1.73 26.14	30.07 -1.80 5.73	34.43 -2.09 0.18	34.25 -2.01 0.28	34.99 -1.94 0.28	35.99 -1.98 0.00	37.46 -2.01 0.00	38.82 -2.15 0.28	29.71 -2.05 13.72	46.51 -2.19 0.00	50.32 -2.10 0.00	49.21 -1.94 0.00	44.57 -1.48 0.00	35.16 -0.79 0.00	32.68 -0.50 0.00
BARRETT_IC_1 23704	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT_IC_10 23701	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT_IC_11 23702	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT_IC_12 23703	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT_IC_2 23705	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT_IC_3 23706	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT_IC_4 23707	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT_IC_5 23708	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33

BARRETT_IC_6 23709	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT_IC_7 23710	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.29 2.10 -11.03	37.74 2.82 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.58 2.79 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.49 3.09 -13.15	77.64 3.36 -28.81	61.63 3.21 -9.72	63.93 3.46 -8.05	61.08 3.38 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT_IC_8 23711	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT_IC_9 23700	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT___1 23545	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BARRETT___2 23546	45.01 2.25 -20.70	38.64 1.94 -18.09	34.64 1.95 -13.54	30.22 1.71 -11.87	33.31 2.12 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	46.94 3.71 -3.38	47.93 3.46 -6.04	52.39 2.90 -11.89	52.43 2.64 -13.10	54.07 2.74 -14.78	55.77 2.75 -15.82	57.45 2.77 -16.72	57.50 2.88 -15.15	57.45 3.05 -13.15	77.69 3.41 -28.81	61.62 3.21 -9.72	63.93 3.46 -8.05	61.19 3.48 -6.55	61.10 2.99 -12.06	44.85 3.02 -5.88	42.77 3.25 -6.33
BATAVIA__115KV_TB1 55881	22.54 -0.73 -1.21	19.42 -0.60 -1.40	19.64 -0.59 -1.08	17.43 -0.57 -1.35	20.40 -0.77 -1.01	27.11 -1.37 0.00	32.46 -1.82 0.00	37.49 -2.31 0.03	36.30 -2.27 1.28	34.02 -2.04 2.37	34.94 -2.14 0.53	34.47 -2.20 0.02	34.40 -2.12 0.03	35.06 -2.12 0.03	35.72 -2.24 0.00	37.30 -2.17 0.00	38.78 -2.43 0.03	41.56 -2.77 1.14	46.26 -2.43 0.00	50.06 -2.36 0.00	49.11 -2.05 0.00	44.48 -1.57 0.00	35.05 -0.90 0.00	32.45 -0.73 0.00
BAYONEEC___CTG1 323682	32.44 1.99 -8.40	30.00 1.66 -9.74	28.34 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.84 2.36 0.00	36.72 2.43 -0.01	43.05 3.22 -0.01	43.33 3.47 -0.01	42.66 3.38 -0.84	41.77 3.16 -1.00	40.88 2.94 -1.25	40.80 3.00 -1.27	41.37 3.01 -1.16	42.13 3.04 -1.13	43.70 3.16 -1.07	45.41 3.30 -0.86	49.31 3.73 -0.11	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.19 3.13 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01
BAYONEEC___CTG10 323750	32.44 1.99 -8.40	30.00 1.66 -9.74	28.34 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.84 2.36 0.00	36.72 2.43 -0.01	43.05 3.22 -0.01	43.33 3.47 -0.01	42.66 3.38 -0.84	41.77 3.16 -1.00	40.88 2.94 -1.25	40.80 3.00 -1.27	41.37 3.01 -1.16	42.13 3.04 -1.13	43.70 3.16 -1.07	45.41 3.30 -0.86	49.31 3.73 -0.11	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.19 3.13 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01
BAYONEEC___CTG2 323683	32.44 1.99 -8.40	30.00 1.66 -9.74	28.34 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.84 2.36 0.00	36.72 2.43 -0.01	43.05 3.22 -0.01	43.33 3.47 -0.01	42.66 3.38 -0.84	41.77 3.16 -1.00	40.88 2.94 -1.25	40.80 3.00 -1.27	41.37 3.01 -1.16	42.13 3.04 -1.13	43.70 3.16 -1.07	45.41 3.30 -0.86	49.31 3.73 -0.11	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.19 3.13 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01
BAYONEEC___CTG3 323684	32.44 1.99 -8.40	30.00 1.66 -9.74	28.34 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.84 2.36 0.00	36.72 2.43 -0.01	43.05 3.22 -0.01	43.33 3.47 -0.01	42.66 3.38 -0.84	41.77 3.16 -1.00	40.88 2.94 -1.25	40.80 3.00 -1.27	41.37 3.01 -1.16	42.13 3.04 -1.13	43.70 3.16 -1.07	45.41 3.30 -0.86	49.31 3.73 -0.11	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.19 3.13 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01
BAYONEEC___CTG4 323685	32.44 1.99 -8.40	30.00 1.66 -9.74	28.34 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.84 2.36 0.00	36.72 2.43 -0.01	43.05 3.22 -0.01	43.33 3.47 -0.01	42.66 3.38 -0.84	41.77 3.16 -1.00	40.88 2.94 -1.25	40.80 3.00 -1.27	41.37 3.01 -1.16	42.13 3.04 -1.13	43.70 3.16 -1.07	45.41 3.30 -0.86	49.31 3.73 -0.11	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.19 3.13 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01
BAYONEEC___CTG5 323686	32.44 1.99 -8.40	30.00 1.66 -9.74	28.34 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.84 2.36 0.00	36.72 2.43 -0.01	43.05 3.22 -0.01	43.33 3.47 -0.01	42.66 3.38 -0.84	41.77 3.16 -1.00	40.88 2.94 -1.25	40.80 3.00 -1.27	41.37 3.01 -1.16	42.13 3.04 -1.13	43.70 3.16 -1.07	45.41 3.30 -0.86	49.31 3.73 -0.11	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.19 3.13 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01
BAYONEEC___CTG6 323687	32.44 1.99 -8.40	30.00 1.66 -9.74	28.34 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.84 2.36 0.00	36.72 2.43 -0.01	43.05 3.22 -0.01	43.33 3.47 -0.01	42.66 3.38 -0.84	41.77 3.16 -1.00	40.88 2.94 -1.25	40.80 3.00 -1.27	41.37 3.01 -1.16	42.13 3.04 -1.13	43.70 3.16 -1.07	45.41 3.30 -0.86	49.31 3.73 -0.11	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.19 3.13 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01
BAYONEEC___CTG7 323688	32.44 1.99 -8.40	30.00 1.66 -9.74	28.34 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.84 2.36 0.00	36.72 2.43 -0.01	43.05 3.22 -0.01	43.33 3.47 -0.01	42.66 3.38 -0.84	41.77 3.16 -1.00	40.88 2.94 -1.25	40.80 3.00 -1.27	41.37 3.01 -1.16	42.13 3.04 -1.13	43.70 3.16 -1.07	45.41 3.30 -0.86	49.31 3.73 -0.11	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.19 3.13 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01

BAYONEEC___CTG8 323689	32.44 1.99 -8.40	30.00 1.66 -9.74	28.34 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.84 2.36 0.00	36.72 2.43 -0.01	43.05 3.22 -0.01	43.33 3.47 -0.01	42.66 3.38 -0.84	41.77 3.16 -1.00	40.88 2.94 -1.25	40.80 3.00 -1.27	41.37 3.01 -1.16	42.13 3.04 -1.13	43.70 3.16 -1.07	45.41 3.30 -0.86	49.31 3.73 -0.11	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.19 3.13 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01
BAYONEEC___CTG9 323749	32.44 1.99 -8.40	30.00 1.66 -9.74	28.34 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.84 2.36 0.00	36.72 2.43 -0.01	43.05 3.22 -0.01	43.33 3.47 -0.01	42.66 3.38 -0.84	41.77 3.16 -1.00	40.88 2.94 -1.25	40.80 3.00 -1.27	41.37 3.01 -1.16	42.13 3.04 -1.13	43.70 3.16 -1.07	45.41 3.30 -0.86	49.31 3.73 -0.11	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.19 3.13 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01
BEACON___LESR 323632	33.48 0.82 -10.61	31.60 0.69 -12.30	29.35 0.73 -9.47	29.13 0.62 -11.87	29.70 0.72 -8.81	29.50 1.02 0.00	35.14 0.86 0.00	31.44 1.24 9.62	37.83 1.11 3.13	39.31 0.88 0.00	37.98 0.94 0.57	36.31 0.99 1.38	37.16 0.91 0.29	37.32 1.00 0.89	38.99 1.03 0.00	40.42 1.02 0.08	39.46 1.15 2.93	46.79 1.32 0.00	49.91 1.22 0.00	53.78 1.36 0.00	52.44 1.28 0.00	47.15 1.10 0.00	37.17 1.22 0.00	34.51 1.33 0.00
BEAVER RIVER___HYD 24048	21.75 -0.62 -0.31	18.45 -0.52 -0.36	18.90 -0.54 -0.28	16.46 -0.53 -0.35	19.82 -0.60 -0.26	27.79 -0.68 0.00	33.56 -0.72 0.00	38.98 -0.84 0.00	38.98 -0.88 0.00	37.47 -0.96 0.00	36.70 -0.90 0.00	35.78 -0.92 0.00	35.56 -0.98 0.00	36.16 -1.04 0.00	37.01 -0.95 0.00	38.45 -1.03 0.00	40.17 -1.07 0.00	44.38 -1.09 0.00	47.82 -0.88 0.00	51.74 -0.68 0.00	50.44 -0.72 0.00	45.59 -0.46 0.00	35.52 -0.43 0.00	32.48 -0.70 0.00
BEEBEE_GT_13 23619	22.61 -0.49 -1.04	19.41 -0.41 -1.21	19.68 -0.40 -0.93	17.44 -0.37 -1.16	20.52 -0.50 -0.86	27.31 -1.17 0.00	32.74 -1.54 0.00	37.55 -2.27 0.00	37.58 -2.27 0.00	36.42 -2.00 0.01	35.57 -2.03 0.00	34.93 -1.76 0.00	34.90 -1.64 0.00	35.49 -1.71 0.00	36.22 -1.75 0.00	37.77 -1.70 0.00	39.35 -1.90 0.00	43.05 -2.41 0.01	46.60 -2.09 0.00	50.22 -2.20 0.00	49.16 -2.00 0.00	44.44 -1.61 0.00	34.94 -1.01 0.00	32.35 -0.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.59 2.12 -8.42	30.23 1.86 -9.76	28.59 1.92 -7.52	27.71 1.66 -9.40	29.22 2.08 -6.98	31.17 2.68 -0.02	36.92 2.61 -0.03	43.24 3.38 -0.03	43.58 3.67 -0.06	50.55 3.65 -8.47	51.10 3.42 -10.07	52.53 3.27 -12.58	52.55 3.29 -12.72	52.17 3.35 -11.62	52.65 3.38 -11.31	53.72 3.51 -10.73	53.63 3.71 -8.68	50.66 4.14 -1.05	52.59 3.90 0.00	56.51 4.09 0.00	55.15 3.99 0.00	49.60 3.50 -0.06	38.91 2.91 -0.06	36.26 3.02 -0.06
BETHLEHEM___GRP 23843	33.17 0.51 -10.61	31.34 0.43 -12.31	29.07 0.44 -9.48	28.90 0.38 -11.88	29.42 0.44 -8.82	29.13 0.65 0.00	34.66 0.38 0.00	31.84 0.60 8.58	37.57 0.52 2.80	38.77 0.35 0.00	37.51 0.41 0.51	35.94 0.48 1.23	36.72 0.44 0.26	36.85 0.45 0.80	38.38 0.42 0.00	39.84 0.43 0.07	39.16 0.54 2.62	46.06 0.59 0.00	49.13 0.44 0.00	52.89 0.47 0.00	51.62 0.46 0.00	46.42 0.37 0.00	36.59 0.65 0.00	34.01 0.83 0.00
BETHLEHEM___GS1 323560	33.15 0.48 -10.61	31.34 0.43 -12.31	29.07 0.44 -9.48	28.90 0.38 -11.88	29.42 0.44 -8.82	29.07 0.60 0.00	34.66 0.38 0.00	31.84 0.60 8.58	37.57 0.52 2.80	38.77 0.35 0.00	37.51 0.41 0.51	35.94 0.48 1.23	36.72 0.44 0.26	36.86 0.45 0.80	38.38 0.42 0.00	39.84 0.43 0.07	39.12 0.50 2.62	46.11 0.64 0.00	49.13 0.44 0.00	52.89 0.47 0.00	51.62 0.46 0.00	46.42 0.37 0.00	36.59 0.65 0.00	34.01 0.83 0.00
BETHLEHEM___GS2 323561	33.15 0.48 -10.61	31.34 0.43 -12.31	29.07 0.44 -9.48	28.90 0.38 -11.88	29.42 0.44 -8.82	29.07 0.60 0.00	34.66 0.38 0.00	31.84 0.60 8.58	37.57 0.52 2.80	38.77 0.35 0.00	37.51 0.41 0.51	35.94 0.48 1.23	36.72 0.44 0.26	36.86 0.45 0.80	38.38 0.42 0.00	39.84 0.43 0.07	39.12 0.50 2.62	46.11 0.64 0.00	49.13 0.44 0.00	52.89 0.47 0.00	51.62 0.46 0.00	46.42 0.37 0.00	36.59 0.65 0.00	34.01 0.83 0.00
BETHLEHEM___GS3 323562	33.15 0.48 -10.61	31.34 0.43 -12.31	29.07 0.44 -9.48	28.90 0.38 -11.88	29.42 0.44 -8.82	29.07 0.60 0.00	34.66 0.38 0.00	31.84 0.60 8.58	37.57 0.52 2.80	38.77 0.35 0.00	37.51 0.41 0.51	35.94 0.48 1.23	36.72 0.44 0.26	36.86 0.45 0.80	38.38 0.42 0.00	39.84 0.43 0.07	39.12 0.50 2.62	46.11 0.64 0.00	49.13 0.44 0.00	52.89 0.47 0.00	51.62 0.46 0.00	46.42 0.37 0.00	36.59 0.65 0.00	34.01 0.83 0.00
BETHLEHEM___STEEL 23779	22.17 -1.32 -1.44	19.14 -1.14 -1.67	19.29 -1.15 -1.28	17.25 -1.00 -1.61	20.06 -1.29 -1.19	26.57 -1.91 0.00	31.67 -2.61 0.00	36.94 -2.83 0.05	34.60 -2.79 2.46	31.43 -2.46 4.54	34.04 -2.56 1.01	33.69 -2.97 0.03	33.60 -2.89 0.05	34.36 -2.79 0.05	35.00 -2.96 0.00	36.43 -3.04 0.00	37.89 -3.30 0.05	40.12 -3.23 2.13	45.00 -3.70 0.00	48.54 -3.88 0.00	47.68 -3.48 0.00	43.24 -2.81 0.00	34.29 -1.65 0.00	31.95 -1.23 0.00
BETHLHEM_115KV_TB1 79974	33.21 0.55 -10.60	31.37 0.47 -12.30	29.10 0.48 -9.47	28.92 0.42 -11.87	29.45 0.48 -8.81	29.16 0.68 0.00	34.73 0.45 0.00	32.56 0.68 7.94	37.86 0.60 2.59	38.89 0.46 0.00	37.63 0.49 0.47	36.11 0.55 1.14	36.81 0.51 0.24	36.99 0.52 0.74	38.46 0.49 0.00	39.92 0.51 0.06	39.44 0.62 2.42	46.15 0.68 0.00	49.23 0.54 0.00	53.00 0.58 0.00	51.72 0.56 0.00	46.51 0.46 0.00	36.67 0.72 0.00	34.08 0.90 0.00
BETHPAGE_CC_5 323564	45.16 2.40 -20.70	38.73 2.03 -18.09	34.76 2.07 -13.54	30.30 1.80 -11.87	33.41 2.22 -11.03	37.88 2.96 -6.45	45.46 3.12 -8.06	46.86 3.98 -3.05	47.86 4.14 -3.87	49.23 3.88 -6.92	54.34 3.12 -13.61	54.59 2.90 -15.00	56.47 3.00 -16.93	58.37 3.05 -18.12	60.18 3.07 -19.15	60.02 3.20 -17.35	59.69 3.38 -15.06	82.33 3.86 -32.99	63.57 3.75 -11.13	65.62 3.98 -9.21	62.65 3.99 -7.50	63.32 3.46 -13.81	45.96 3.24 -6.77	43.08 3.55 -6.35
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.12 -1.39 -1.46	19.12 -1.17 -1.69	19.26 -1.19 -1.30	17.24 -1.03 -1.63	20.04 -1.33 -1.21	26.62 -1.85 0.00	31.74 -2.54 0.00	37.23 -2.55 0.05	35.02 -2.51 2.32	31.96 -2.19 4.28	34.32 -2.33 0.95	33.80 -2.86 0.03	33.68 -2.81 0.05	34.48 -2.68 0.05	35.08 -2.89 0.00	36.55 -2.92 0.00	38.02 -3.18 0.05	40.52 -2.96 2.00	45.09 -3.60 0.00	48.70 -3.72 0.00	47.78 -3.38 0.00	43.38 -2.67 0.00	34.36 -1.58 0.00	32.05 -1.13 0.00
BINGHAMTON___COGEN 23790	24.93 0.07 -2.81	21.93 0.06 -3.26	21.72 0.06 -2.51	19.85 0.07 -3.15	22.56 0.06 -2.34	28.53 0.06 0.00	34.14 -0.14 0.00	39.86 0.04 0.00	39.90 0.04 -0.01	38.56 0.12 -0.02	37.68 0.08 0.00	36.58 -0.11 0.00	36.43 -0.11 0.00	37.17 -0.04 0.00	37.89 -0.08 0.00	39.39 -0.08 0.00	41.16 -0.08 0.00	45.60 0.09 -0.04	48.60 -0.10 0.00	52.37 -0.05 0.00	51.16 0.00 0.00	46.14 0.09 0.00	36.20 0.25 0.00	33.55 0.36 0.00

BIXINCNT_115KV_LOAD 355685	21.68 -1.92 -1.54	18.78 -1.62 -1.79	18.90 -1.63 -1.38	17.00 -1.36 -1.72	19.75 -1.69 -1.28	26.45 -2.02 0.00	31.50 -2.78 0.00	37.56 -2.23 0.03	36.02 -2.27 1.57	33.43 -2.11 2.88	34.71 -2.26 0.64	33.66 -3.01 0.02	33.55 -2.96 0.03	34.49 -2.68 0.03	35.04 -2.92 0.00	36.55 -2.92 0.00	38.12 -3.09 0.03	41.81 -2.36 1.30	45.34 -3.36 0.00	49.01 -3.41 0.00	48.09 -3.07 0.00	43.61 -2.44 0.00	34.51 -1.44 0.00	32.15 -1.03 0.00
BLACK RIVER___HYD 24047	22.11 -0.38 -0.43	18.81 -0.30 -0.50	19.23 -0.31 -0.39	16.76 -0.37 -0.48	20.13 -0.38 -0.36	28.10 -0.37 0.00	33.80 -0.48 0.00	39.23 -0.60 0.00	39.18 -0.68 0.00	37.66 -0.77 0.00	36.89 -0.72 0.00	35.96 -0.73 0.00	35.70 -0.84 0.00	36.35 -0.85 0.00	37.28 -0.68 0.00	38.64 -0.83 0.00	40.34 -0.91 0.00	44.65 -0.82 0.00	48.26 -0.44 0.00	52.32 -0.10 0.00	51.00 -0.15 0.00	46.23 0.18 0.00	36.02 0.07 0.00	32.98 -0.20 0.00
BLACKRVR_115KV_TB2 79977	22.11 -0.37 -0.43	18.81 -0.30 -0.50	19.23 -0.31 -0.39	16.76 -0.37 -0.48	20.14 -0.38 -0.36	28.10 -0.37 0.00	33.80 -0.48 0.00	39.22 -0.60 0.00	39.18 -0.68 0.00	37.66 -0.77 0.00	36.89 -0.71 0.00	35.96 -0.73 0.00	35.70 -0.84 0.00	36.35 -0.86 0.00	37.28 -0.68 0.00	38.64 -0.83 0.00	40.34 -0.91 0.00	44.65 -0.82 0.00	48.26 -0.44 0.00	52.32 -0.10 0.00	51.00 -0.15 0.00	46.23 0.18 0.00	36.02 0.07 0.00	32.98 -0.20 0.00
BLDWN_LI_69_KV_BK4 356085	45.16 2.40 -20.70	38.73 2.03 -18.09	34.74 2.05 -13.54	30.30 1.80 -11.87	33.41 2.22 -11.03	37.88 2.96 -6.45	45.43 3.09 -8.06	46.82 3.94 -3.05	48.25 4.07 -4.33	49.98 3.80 -7.74	55.97 3.12 -15.24	56.46 2.97 -16.79	58.46 2.96 -18.96	60.46 2.98 -20.28	62.40 3.00 -21.44	62.06 3.16 -19.43	61.49 3.38 -16.87	86.23 3.82 -36.94	64.85 3.70 -12.46	66.72 3.98 -10.32	63.44 3.89 -8.40	65.06 3.55 -15.46	46.83 3.34 -7.54	43.06 3.52 -6.36
BLISS_WT_PWR 323608	21.39 -2.21 -1.54	18.63 -1.77 -1.79	18.77 -1.76 -1.38	16.90 -1.46 -1.72	19.61 -1.83 -1.28	26.48 -1.99 0.00	31.30 -2.98 0.00	37.32 -2.47 0.03	35.78 -2.51 1.57	33.16 -2.38 2.88	34.44 -2.52 0.64	33.33 -3.34 0.02	33.40 -3.11 0.03	34.34 -2.83 0.03	34.85 -3.11 0.00	36.39 -3.08 0.00	37.83 -3.38 0.03	41.58 -2.59 1.30	45.19 -3.51 0.00	48.91 -3.51 0.00	47.83 -3.32 0.00	43.47 -2.58 0.00	34.40 -1.54 0.00	32.02 -1.16 0.00
BLUESTONE___WT_PWR 323821	25.69 0.64 -3.00	22.68 0.60 -3.48	22.42 0.59 -2.68	20.46 0.47 -3.35	23.25 0.60 -2.49	29.47 1.00 0.00	35.21 0.93 0.00	41.10 1.27 0.00	41.22 1.36 -0.01	39.71 1.27 -0.01	38.85 1.24 0.00	37.68 0.99 0.00	37.46 0.91 0.00	38.17 0.97 0.00	39.06 1.10 0.00	40.50 1.02 0.00	42.44 1.20 0.00	47.09 1.59 -0.03	50.40 1.70 0.00	54.46 2.04 0.00	53.10 1.94 0.00	48.07 2.02 0.00	37.71 1.76 0.00	34.81 1.63 0.00
BLUE_CIRC_CHEM_DRP 24182	32.99 0.62 -10.32	31.09 0.52 -11.96	28.92 0.56 -9.21	28.65 0.47 -11.54	29.27 0.54 -8.57	29.33 0.85 0.00	34.93 0.65 0.00	36.06 0.88 4.64	39.10 0.76 1.51	38.97 0.54 0.00	37.93 0.60 0.27	36.65 0.62 0.66	36.98 0.58 0.14	37.41 0.63 0.43	38.57 0.61 0.00	40.07 0.63 0.04	40.57 0.74 1.41	46.33 0.86 0.00	49.52 0.83 0.00	53.31 0.89 0.00	52.03 0.87 0.00	46.83 0.78 0.00	36.88 0.93 0.00	34.24 1.06 0.00
BOC_GAS_DRP 24189	33.25 0.64 -10.55	31.39 0.54 -12.24	29.15 0.57 -9.42	28.95 0.50 -11.81	29.51 0.58 -8.77	29.30 0.83 0.00	34.93 0.65 0.00	36.32 0.88 4.37	39.27 0.84 1.43	39.12 0.69 0.00	38.06 0.71 0.26	36.76 0.70 0.63	37.10 0.69 0.13	37.50 0.71 0.41	38.65 0.68 0.00	40.15 0.71 0.03	40.69 0.78 1.33	46.43 0.95 0.00	49.52 0.83 0.00	53.31 0.89 0.00	52.03 0.87 0.00	46.79 0.74 0.00	36.77 0.83 0.00	34.18 1.00 0.00
BOONVILLE_115KV_TB1 79983	22.44 0.11 -0.28	19.02 0.09 -0.32	19.49 0.10 -0.25	16.97 0.02 -0.31	20.45 0.06 -0.23	28.67 0.20 0.00	34.45 0.17 0.00	40.06 0.24 0.00	40.13 0.28 0.00	38.62 0.19 0.00	37.83 0.23 0.00	36.88 0.18 0.00	36.65 0.11 0.00	37.35 0.15 0.00	38.19 0.23 0.00	39.63 0.16 0.00	41.45 0.21 0.00	45.74 0.27 0.00	49.13 0.44 0.00	53.00 0.58 0.00	51.67 0.51 0.00	46.69 0.64 0.00	36.45 0.50 0.00	33.55 0.36 0.00
BORALEX_4TH_BRANCH 23824	33.94 1.24 -10.65	32.00 1.04 -12.35	29.74 1.07 -9.51	29.49 0.93 -11.92	30.12 1.11 -8.85	30.07 1.59 0.00	35.86 1.58 0.00	58.42 1.99 -16.60	47.06 1.79 -5.41	39.89 1.46 0.00	40.13 1.54 -0.98	40.64 1.58 -2.37	38.55 1.50 -0.51	40.30 1.56 -1.54	39.48 1.52 0.00	41.22 1.62 -0.13	48.04 1.73 -5.06	47.65 2.18 0.00	50.89 2.19 0.00	54.73 2.31 0.00	53.51 2.35 0.00	48.12 2.07 0.00	37.78 1.83 0.00	35.11 1.92 0.00
BOWLINE___1 23526	31.83 1.68 -8.10	29.41 1.41 -9.39	27.82 1.44 -7.23	26.98 1.28 -9.06	28.46 1.57 -6.73	30.49 2.02 0.00	36.30 2.02 0.00	42.53 2.71 0.00	42.72 2.87 0.00	41.20 2.77 0.00	40.20 2.59 0.00	39.11 2.42 0.00	38.99 2.45 0.00	39.70 2.49 0.00	40.47 2.50 0.00	42.08 2.60 0.00	43.97 2.72 0.00	48.56 3.09 0.00	51.62 2.92 0.00	55.51 3.09 0.00	54.28 3.12 0.00	48.67 2.62 0.00	38.28 2.34 0.00	35.64 2.46 0.00
BOWLINE___2 23595	31.83 1.68 -8.10	29.42 1.41 -9.39	27.82 1.44 -7.23	26.98 1.28 -9.06	28.46 1.57 -6.73	30.49 2.02 0.00	36.30 2.02 0.00	42.53 2.71 0.00	42.72 2.87 0.00	41.20 2.77 0.00	40.20 2.59 0.00	39.11 2.42 0.00	38.99 2.45 0.00	39.70 2.49 0.00	40.47 2.50 0.00	42.08 2.60 0.00	43.97 2.72 0.00	48.56 3.09 0.00	51.62 2.92 0.00	55.51 3.09 0.00	54.28 3.12 0.00	48.67 2.62 0.00	38.28 2.34 0.00	35.64 2.46 0.00
BRADY___115KV_TB2 356060	21.57 -0.49 0.00	18.20 -0.41 0.00	18.73 -0.42 0.00	16.24 -0.40 0.00	19.70 -0.46 0.00	27.99 -0.48 0.00	34.42 0.14 0.00	39.98 0.16 0.00	39.93 0.08 0.00	38.43 0.00 0.00	37.64 0.04 0.00	36.66 -0.04 0.00	36.50 -0.04 0.00	37.09 -0.11 0.00	37.89 -0.08 0.00	39.47 0.00 0.00	41.24 0.00 0.00	45.29 -0.18 0.00	48.79 0.10 0.00	52.68 0.26 0.00	51.36 0.20 0.00	46.23 0.18 0.00	35.80 -0.14 0.00	32.52 -0.66 0.00
BRANSCOMB___SOLAR 323811	34.05 1.15 -10.85	32.14 0.95 -12.58	29.84 1.00 -9.69	29.63 0.85 -12.14	30.20 1.03 -9.01	29.92 1.45 0.00	35.69 1.41 0.00	53.85 1.83 -12.20	45.54 1.71 -3.97	39.77 1.34 0.00	39.72 1.39 -0.72	39.87 1.43 -1.74	38.27 1.35 -0.37	39.78 1.45 -1.13	39.52 1.56 0.00	41.11 1.54 -0.10	46.65 1.69 -3.72	47.42 1.95 0.00	50.74 2.04 0.00	54.78 2.36 0.00	53.46 2.30 0.00	48.07 2.02 0.00	37.74 1.80 0.00	35.00 1.82 0.00
BRDGHMPT_69_KV_BK1 55812	45.76 3.00 -20.70	39.23 2.53 -18.09	35.25 2.57 -13.54	30.75 2.25 -11.87	33.95 2.76 -11.03	38.65 3.73 -6.45	46.39 4.05 -8.06	48.13 5.26 -3.05	48.54 5.38 -3.31	49.34 5.00 -5.92	53.13 3.87 -11.65	53.23 3.71 -12.84	54.65 3.62 -14.49	56.43 3.72 -15.50	58.07 3.72 -16.38	58.31 3.99 -14.85	58.42 4.29 -12.89	78.67 4.96 -28.24	63.05 4.82 -9.53	65.55 5.19 -7.94	62.65 5.06 -6.43	62.30 4.42 -11.83	48.03 3.99 -8.10	43.98 4.41 -6.39

BRENTWOD_69_KV_W. BRTWOOD 56703	45.43 2.67 -20.70	38.95 2.25 -18.09	34.99 2.30 -13.54	30.50 2.00 -11.87	33.65 2.46 -11.03	38.22 3.30 -6.45	45.87 3.53 -8.06	47.30 4.42 -3.05	47.80 4.58 -3.36	48.63 4.19 -6.02	52.76 3.31 -11.84	52.89 3.16 -13.05	54.37 3.11 -14.73	56.16 3.20 -15.76	57.80 3.19 -16.65	57.92 3.36 -15.09	57.98 3.63 -13.10	78.12 3.96 -28.70	62.27 3.90 -9.68	64.64 4.19 -8.03	61.78 4.09 -6.53	61.79 3.73 -12.01	45.74 3.45 -6.34	43.37 3.85 -6.34
BRISTLHL_115KV_TB1 79998	22.32 -0.37 -0.64	19.06 -0.30 -0.75	19.42 -0.31 -0.57	17.08 -0.28 -0.72	20.35 -0.34 -0.53	27.87 -0.60 0.00	33.46 -0.82 0.00	38.79 -1.04 0.00	38.78 -1.08 0.00	37.51 -0.92 0.00	36.70 -0.90 0.00	35.85 -0.84 0.00	35.74 -0.80 0.00	36.38 -0.82 0.00	37.16 -0.80 0.00	38.60 -0.87 0.00	40.34 -0.91 0.00	44.38 -1.09 0.00	47.63 -1.07 0.00	51.27 -1.15 0.00	49.98 -1.18 0.00	45.04 -1.01 0.00	35.26 -0.68 0.00	32.65 -0.53 0.00
BROOKHAVEN___DRP 24191	45.58 2.82 -20.70	39.08 2.38 -18.09	35.12 2.43 -13.54	30.62 2.11 -11.87	33.79 2.60 -11.03	38.42 3.50 -6.45	46.11 3.77 -8.06	47.65 4.78 -3.05	48.10 4.94 -3.31	48.92 4.57 -5.92	52.90 3.65 -11.65	53.01 3.49 -12.83	54.46 3.43 -14.48	56.20 3.50 -15.50	57.83 3.49 -16.38	58.02 3.71 -14.84	58.13 4.00 -12.89	78.29 4.59 -28.23	62.75 4.53 -9.53	65.24 4.88 -7.94	62.34 4.76 -6.43	62.06 4.19 -11.82	47.87 3.85 -8.08	43.78 4.21 -6.39
BROOKLYN_NAVY_YARD 23515	32.41 1.96 -8.39	29.98 1.64 -9.74	28.31 1.67 -7.50	27.46 1.43 -9.39	28.93 1.79 -6.97	30.81 2.34 0.00	36.64 2.36 0.00	42.93 3.11 0.00	43.20 3.35 0.00	41.69 3.26 0.00	40.65 3.04 0.00	39.56 2.86 0.00	39.43 2.89 0.00	40.14 2.94 0.00	40.92 2.96 0.00	42.51 3.04 0.00	44.42 3.18 0.00	49.11 3.64 0.00	52.01 3.31 0.00	55.94 3.51 0.00	54.68 3.53 0.00	49.09 3.04 0.00	38.61 2.66 0.00	36.00 2.82 0.00
BROOKLYN___ARMY_DRP 323595	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
BROOME_2_LFGE 323671	24.91 0.04 -2.81	21.93 0.06 -3.26	21.72 0.06 -2.51	19.85 0.07 -3.15	22.56 0.06 -2.34	28.56 0.09 0.00	34.14 -0.14 0.00	39.86 0.04 0.00	39.90 0.04 0.00	38.56 0.12 -0.01	37.68 0.08 -0.02	36.55 -0.15 0.00	36.43 -0.11 0.00	37.17 -0.04 0.00	37.89 -0.08 0.00	39.39 -0.08 0.00	41.12 -0.12 0.00	45.55 0.05 -0.04	48.60 -0.10 0.00	52.37 -0.05 0.00	51.16 0.00 0.00	46.14 0.09 0.00	36.20 0.25 0.00	33.55 0.37 0.00
BROOME___LFGE 323600	24.91 0.04 -2.81	21.93 0.06 -3.26	21.72 0.06 -2.51	19.85 0.07 -3.15	22.56 0.06 -2.34	28.56 0.09 0.00	34.14 -0.14 0.00	39.86 0.04 0.00	39.90 0.04 0.00	38.56 0.12 -0.01	37.68 0.08 -0.02	36.55 -0.15 0.00	36.43 -0.11 0.00	37.17 -0.04 0.00	37.89 -0.08 0.00	39.39 -0.08 0.00	41.12 -0.12 0.00	45.55 0.05 -0.04	48.60 -0.10 0.00	52.37 -0.05 0.00	51.16 0.00 0.00	46.14 0.09 0.00	36.20 0.25 0.00	33.55 0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	21.28 -0.99 -0.22	18.03 -0.84 -0.26	18.49 -0.86 -0.20	16.09 -0.80 -0.25	19.41 -0.93 -0.18	27.31 -1.17 0.00	33.29 -0.99 0.00	38.67 -1.15 0.00	38.66 -1.20 0.00	37.20 -1.23 0.00	36.48 -1.13 0.00	35.52 -1.17 0.00	35.34 -1.21 0.00	35.94 -1.26 0.00	36.75 -1.21 0.00	38.21 -1.26 0.00	39.88 -1.36 0.00	43.88 -1.59 0.00	47.28 -1.41 0.00	51.11 -1.31 0.00	49.77 -1.38 0.00	44.94 -1.11 0.00	34.87 -1.08 0.00	31.82 -1.36 0.00
BROWNSV1_27_KV_LOAD 356125	32.59 2.14 -8.39	30.13 1.79 -9.74	28.47 1.82 -7.50	27.60 1.56 -9.39	29.09 1.96 -6.97	31.06 2.59 0.00	36.95 2.67 0.00	43.37 3.54 0.00	43.64 3.79 0.00	42.12 3.69 0.00	41.07 3.46 0.00	39.96 3.27 0.00	39.83 3.29 0.00	40.51 3.31 0.00	41.34 3.38 0.00	42.95 3.47 0.00	44.91 3.67 0.00	49.56 4.09 0.00	52.54 3.85 0.00	56.56 4.14 0.00	55.20 4.04 0.00	49.59 3.55 0.00	38.93 2.98 0.00	36.33 3.15 0.00
BURROWS___LYONSDAL 23803	22.25 -0.09 -0.28	18.88 -0.06 -0.33	19.35 -0.06 -0.25	16.84 -0.12 -0.32	20.29 -0.10 -0.24	28.44 -0.03 0.00	34.21 -0.07 0.00	39.78 -0.04 0.00	39.85 0.00 0.00	38.31 -0.12 0.00	37.57 -0.04 0.00	36.58 -0.11 0.00	36.36 -0.18 0.00	37.02 -0.19 0.00	37.89 -0.08 0.00	39.31 -0.16 0.00	41.12 -0.12 0.00	45.43 -0.05 0.00	48.79 0.10 0.00	52.68 0.26 0.00	51.36 0.20 0.00	46.37 0.32 0.00	36.20 0.25 0.00	33.28 0.10 0.00
CAITHNESS_CC_1 323624	45.51 2.76 -20.70	39.03 2.33 -18.09	35.06 2.37 -13.54	30.57 2.06 -11.87	33.73 2.54 -11.03	38.33 3.42 -6.45	46.01 3.67 -8.06	47.53 4.66 -3.05	47.98 4.82 -3.31	48.80 4.46 -5.91	52.74 3.50 -11.64	52.75 3.23 -12.82	54.31 3.29 -14.48	56.08 3.39 -15.49	57.79 3.45 -16.37	57.90 3.59 -14.84	57.96 3.84 -12.88	78.10 4.41 -28.22	62.55 4.33 -9.52	65.02 4.66 -7.93	62.19 4.61 -6.42	61.87 4.00 -11.82	47.71 3.70 -8.06	43.65 4.08 -6.39
CALPINE BETH_PAGE_GT4 24209	45.12 2.36 -20.70	38.69 1.99 -18.09	34.70 2.01 -13.54	30.27 1.76 -11.87	33.35 2.16 -11.03	37.82 2.90 -6.45	45.36 3.02 -8.06	46.74 3.86 -3.05	48.00 4.03 -4.12	49.56 3.77 -7.37	55.20 3.08 -14.51	55.61 2.94 -15.98	57.50 2.92 -18.04	59.48 2.98 -19.30	61.36 3.00 -20.40	61.08 3.12 -18.49	60.64 3.34 -16.05	84.40 3.77 -35.15	64.20 3.65 -11.85	66.17 3.93 -9.82	62.99 3.84 -7.99	64.17 3.41 -14.72	46.35 3.20 -7.20	42.98 3.45 -6.35
CALPINE_BETH_PAGE_GT_4 323586	45.09 2.34 -20.70	38.69 1.99 -18.09	34.70 2.01 -13.54	30.27 1.76 -11.87	33.35 2.16 -11.03	37.79 2.87 -6.45	45.36 3.02 -8.06	46.74 3.86 -3.05	48.00 4.02 -4.12	49.57 3.77 -7.37	55.20 3.08 -14.51	55.50 2.83 -15.98	57.51 2.92 -18.04	59.48 2.98 -19.30	61.36 3.00 -20.40	61.08 3.12 -18.49	60.63 3.34 -16.05	84.44 3.82 -35.15	64.21 3.65 -11.85	66.17 3.93 -9.82	63.04 3.89 -7.99	64.17 3.41 -14.72	46.35 3.20 -7.20	42.98 3.45 -6.35
CALPINE_BP_GT1 23823	45.09 2.34 -20.70	38.69 1.99 -18.09	34.70 2.01 -13.54	30.27 1.76 -11.87	33.35 2.16 -11.03	37.79 2.87 -6.45	45.36 3.02 -8.06	46.74 3.86 -3.05	48.00 4.02 -4.12	49.57 3.77 -7.37	55.20 3.08 -14.51	55.50 2.83 -15.98	57.51 2.92 -18.04	59.48 2.98 -19.30	61.36 3.00 -20.40	61.08 3.12 -18.49	60.63 3.34 -16.05	84.44 3.82 -35.15	64.21 3.65 -11.85	66.17 3.93 -9.82	63.04 3.89 -7.99	64.17 3.41 -14.72	46.35 3.20 -7.20	42.98 3.45 -6.35
CALSPAN___DRP 24200	22.17 -1.32 -1.44	19.14 -1.14 -1.67	19.29 -1.15 -1.28	17.25 -1.00 -1.61	20.06 -1.29 -1.19	26.57 -1.91 0.00	31.67 -2.61 0.00	36.94 -2.83 0.05	34.60 -2.79 2.46	31.43 -2.46 4.54	34.04 -2.56 1.01	33.69 -2.97 0.03	33.60 -2.89 0.05	34.36 -2.79 0.05	35.00 -2.96 0.00	36.43 -3.04 0.00	37.89 -3.30 0.05	40.12 -3.23 2.13	45.00 -3.70 0.00	48.54 -3.88 0.00	47.68 -3.48 0.00	43.24 -2.81 0.00	34.29 -1.65 0.00	31.95 -1.23 0.00

CALVERTON___SOLAR 323806	45.65 2.89 -20.70	39.14 2.44 -18.09	35.18 2.49 -13.54	30.67 2.16 -11.87	33.85 2.66 -11.03	38.51 3.59 -6.45	46.21 3.87 -8.06	47.81 4.94 -3.05	48.26 5.10 -3.31	49.07 4.73 -5.92	53.01 3.76 -11.65	52.97 3.45 -12.83	54.53 3.51 -14.48	56.31 3.61 -15.50	58.02 3.68 -16.38	58.14 3.83 -14.85	58.26 4.12 -12.89	78.48 4.77 -28.24	62.95 4.72 -9.53	65.45 5.08 -7.94	62.60 5.02 -6.43	62.25 4.38 -11.83	47.99 3.95 -8.09	43.88 4.31 -6.39
CANDIGU_WT_PWR 323617	22.89 -1.08 -1.92	19.96 -0.87 -2.23	19.99 -0.88 -1.71	18.06 -0.73 -2.15	20.85 -0.91 -1.60	27.25 -1.22 0.00	32.46 -1.82 0.00	37.67 -1.87 0.28	23.75 -1.95 14.15	10.56 -1.73 26.14	30.07 -1.80 5.73	34.43 -2.09 0.18	34.25 -2.01 0.28	34.99 -1.94 0.28	35.99 -1.98 0.00	37.46 -2.01 0.00	38.82 -2.15 0.28	29.71 -2.05 13.72	46.51 -2.19 0.00	50.32 -2.10 0.00	49.21 -1.94 0.00	44.57 -1.48 0.00	35.16 -0.79 0.00	32.68 -0.50 0.00
CARR STREET_E_SYR 24060	22.72 -0.13 -0.79	19.42 -0.11 -0.92	19.75 -0.11 -0.71	17.43 -0.10 -0.89	20.70 -0.12 -0.66	28.22 -0.26 0.00	33.83 -0.45 0.00	39.30 -0.52 0.00	39.30 -0.56 0.00	38.01 -0.42 0.00	37.19 -0.41 0.00	36.33 -0.37 0.00	36.21 -0.33 0.00	36.90 -0.30 0.00	37.66 -0.31 0.00	39.12 -0.36 0.00	40.83 -0.41 0.00	44.97 -0.50 0.00	48.21 -0.49 0.00	51.90 -0.52 0.00	50.59 -0.56 0.00	45.63 -0.42 0.00	35.73 -0.21 0.00	33.08 -0.10 0.00
CARTHAGE___PAPER 23857	21.89 -0.55 -0.39	18.61 -0.45 -0.45	19.02 -0.48 -0.35	16.57 -0.50 -0.43	19.94 -0.54 -0.32	27.90 -0.57 0.00	33.70 -0.58 0.00	39.14 -0.68 0.00	39.06 -0.80 0.00	37.55 -0.88 0.00	36.78 -0.83 0.00	35.81 -0.88 0.00	35.59 -0.95 0.00	36.20 -1.00 0.00	37.09 -0.87 0.00	38.49 -0.99 0.00	40.21 -1.03 0.00	44.47 -1.00 0.00	48.01 -0.68 0.00	52.06 -0.36 0.00	50.69 -0.46 0.00	45.87 -0.18 0.00	35.73 -0.21 0.00	32.65 -0.53 0.00
CASSADAGA_WT_PWR 323784	21.70 -1.87 -1.52	18.90 -1.47 -1.76	19.00 -1.51 -1.36	17.06 -1.28 -1.70	19.83 -1.59 -1.26	26.62 -1.85 0.00	31.57 -2.71 0.00	37.40 -2.39 0.04	35.77 -2.31 1.77	33.16 -2.00 3.26	34.74 -2.14 0.73	33.88 -2.79 0.02	33.87 -2.63 0.04	34.75 -2.42 0.04	35.49 -2.47 0.00	37.06 -2.41 0.00	38.57 -2.64 0.04	41.90 -2.09 1.48	46.07 -2.63 0.00	49.75 -2.67 0.00	48.65 -2.51 0.00	44.12 -1.93 0.00	34.90 -1.04 0.00	32.29 -0.89 0.00
CE_DUNWOOD___DRP 24194	32.26 1.83 -8.37	29.86 1.54 -9.71	28.20 1.57 -7.48	27.37 1.36 -9.37	28.81 1.69 -6.96	30.69 2.22 0.00	36.51 2.23 0.00	42.77 2.95 0.00	43.00 3.15 0.00	41.46 3.04 0.00	40.46 2.86 0.00	39.37 2.68 0.00	39.25 2.70 0.00	39.96 2.75 0.00	40.73 2.77 0.00	42.35 2.88 0.00	44.30 3.05 0.00	48.88 3.41 0.00	51.91 3.21 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.50 2.55 0.00	35.87 2.69 0.00
CE_MILLWOOD___DRP 24193	32.13 1.76 -8.31	29.74 1.49 -9.64	28.07 1.49 -7.42	27.26 1.31 -9.30	28.70 1.63 -6.91	30.61 2.14 0.00	36.41 2.13 0.00	42.65 2.83 0.00	42.84 2.99 0.00	41.31 2.88 0.00	40.31 2.71 0.00	39.26 2.57 0.00	39.10 2.56 0.00	39.81 2.60 0.00	40.62 2.66 0.00	42.20 2.72 0.00	44.17 2.93 0.00	48.70 3.23 0.00	51.76 3.07 0.00	55.73 3.30 0.00	54.38 3.22 0.00	48.86 2.81 0.00	38.43 2.48 0.00	35.74 2.55 0.00
CE_NYC2_DRP 24202	32.43 1.98 -8.40	30.06 1.71 -9.74	28.41 1.76 -7.50	27.53 1.50 -9.39	29.01 1.87 -6.97	30.89 2.42 0.00	36.71 2.43 0.00	43.01 3.19 0.00	43.32 3.47 0.00	41.85 3.42 0.00	40.84 3.23 0.00	39.74 3.05 0.00	39.61 3.07 0.00	40.33 3.13 0.00	41.11 3.15 0.00	42.75 3.28 0.00	44.67 3.42 0.00	49.29 3.82 0.00	52.20 3.51 0.00	56.14 3.72 0.00	54.74 3.58 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.03 2.85 0.00
CE_NYC_DRP 24195	32.46 2.01 -8.39	30.04 1.69 -9.74	28.37 1.72 -7.50	27.51 1.48 -9.39	28.99 1.85 -6.97	30.92 2.45 0.00	36.78 2.50 0.00	43.09 3.27 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.80 3.20 0.00	39.70 3.01 0.00	39.57 3.03 0.00	40.29 3.09 0.00	41.07 3.11 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.20 3.51 0.00	56.20 3.77 0.00	54.84 3.68 0.00	49.27 3.22 0.00	38.71 2.77 0.00	36.10 2.92 0.00
CHAFFEE___LFGE 323603	22.11 -1.43 -1.49	19.22 -1.12 -1.73	19.35 -1.13 -1.33	17.32 -0.98 -1.67	20.13 -1.27 -1.24	26.91 -1.57 0.00	31.81 -2.47 0.00	37.27 -2.51 0.04	35.33 -2.51 2.01	32.58 -2.15 3.70	34.49 -2.30 0.82	33.84 -2.82 0.03	33.76 -2.74 0.04	34.52 -2.64 0.04	35.15 -2.81 0.00	36.63 -2.84 0.00	38.07 -3.14 0.04	40.81 -2.95 1.71	45.19 -3.51 0.00	48.86 -3.57 0.00	47.78 -3.38 0.00	43.47 -2.58 0.00	34.47 -1.48 0.00	32.05 -1.13 0.00
CHATEAUG_35_KV_LOAD 355732	21.46 -0.60 0.00	18.11 -0.50 0.00	18.67 -0.48 0.00	16.26 -0.38 0.00	19.76 -0.40 0.00	28.07 -0.40 0.00	34.31 0.03 0.00	39.94 0.12 0.00	39.93 0.08 0.00	38.54 0.12 0.00	37.76 0.15 0.00	36.80 0.11 0.00	36.65 0.11 0.00	37.24 0.04 0.00	37.92 -0.04 0.00	39.51 0.04 0.00	41.24 0.00 0.00	45.47 0.00 0.00	48.89 0.19 0.00	52.68 0.26 0.00	51.31 0.15 0.00	46.09 0.05 0.00	35.69 -0.25 0.00	32.52 -0.66 0.00
CHATEAUG_WT_PWR 323614	21.50 -0.55 0.00	18.12 -0.48 0.00	18.69 -0.46 0.00	16.27 -0.37 0.00	19.78 -0.38 0.00	28.07 -0.40 0.00	34.31 0.03 0.00	39.90 0.08 0.00	39.93 0.08 0.00	38.54 0.12 0.00	37.76 0.15 0.00	36.84 0.15 0.00	36.69 0.15 0.00	37.28 0.07 0.00	37.96 0.00 0.00	39.51 0.04 0.00	41.28 0.04 0.00	45.47 0.00 0.00	48.84 0.15 0.00	52.58 0.16 0.00	51.26 0.10 0.00	46.05 0.00 0.00	35.66 -0.29 0.00	32.55 -0.63 0.00
CHAT_HIGH_FALL_HYD 323578	21.46 -0.60 0.00	18.11 -0.50 0.00	18.67 -0.48 0.00	16.26 -0.38 0.00	19.76 -0.40 0.00	28.07 -0.40 0.00	34.31 0.03 0.00	39.94 0.12 0.00	39.93 0.08 0.00	38.54 0.12 0.00	37.76 0.15 0.00	36.80 0.11 0.00	36.65 0.11 0.00	37.24 0.04 0.00	37.92 -0.04 0.00	39.51 0.04 0.00	41.24 0.00 0.00	45.47 0.00 0.00	48.89 0.19 0.00	52.68 0.26 0.00	51.31 0.15 0.00	46.09 0.05 0.00	35.69 -0.25 0.00	32.52 -0.66 0.00
CHAUTAUQUA___LFGE 323629	22.11 -1.43 -1.49	19.22 -1.12 -1.73	19.33 -1.15 -1.33	17.34 -0.97 -1.67	20.17 -1.23 -1.24	26.91 -1.57 0.00	31.88 -2.40 0.00	37.39 -2.39 0.04	35.28 -2.39 2.19	32.32 -2.08 4.03	34.49 -2.22 0.90	34.02 -2.64 0.03	33.98 -2.52 0.04	34.78 -2.38 0.04	35.49 -2.47 0.00	36.99 -2.49 0.00	38.48 -2.72 0.04	41.10 -2.50 1.87	45.82 -2.87 0.00	49.49 -2.93 0.00	48.39 -2.76 0.00	43.93 -2.12 0.00	34.79 -1.15 0.00	32.29 -0.89 0.00
CHERRYST_13_KV_LD 356241	32.52 2.07 -8.39	30.09 1.75 -9.74	28.41 1.76 -7.50	27.56 1.53 -9.39	29.03 1.89 -6.97	30.98 2.51 0.00	36.89 2.61 0.00	43.25 3.42 0.00	43.52 3.67 0.00	42.00 3.57 0.00	40.95 3.35 0.00	39.85 3.16 0.00	39.72 3.18 0.00	40.44 3.24 0.00	41.23 3.26 0.00	42.87 3.39 0.00	44.79 3.55 0.00	49.43 3.96 0.00	52.40 3.70 0.00	56.35 3.93 0.00	54.99 3.84 0.00	49.41 3.36 0.00	38.82 2.88 0.00	36.20 3.02 0.00

CHESTROR_138KV_BK263 355645	31.33 1.52 -7.76	28.89 1.28 -9.00	27.36 1.28 -6.93	26.47 1.15 -8.68	28.01 1.41 -6.44	30.30 1.82 0.00	36.06 1.78 0.00	42.21 2.39 0.00	42.40 2.55 0.00	40.85 2.42 0.00	39.86 2.26 0.00	38.82 2.13 0.00	38.66 2.12 0.00	39.36 2.16 0.00	40.16 2.20 0.00	41.76 2.29 0.00	43.68 2.43 0.00	48.20 2.73 0.00	51.33 2.63 0.00	55.25 2.83 0.00	53.92 2.76 0.00	48.44 2.39 0.00	38.10 2.16 0.00	35.40 2.22 0.00
CH_MIDHUDSON___DRP 24192	32.20 1.63 -8.51	29.87 1.40 -9.87	28.15 1.40 -7.60	27.39 1.23 -9.52	28.74 1.51 -7.07	30.47 1.99 0.00	36.23 1.95 0.00	42.41 2.59 0.00	42.60 2.75 0.00	41.04 2.61 0.00	40.05 2.44 0.00	39.00 2.31 0.00	38.84 2.30 0.00	39.55 2.34 0.00	40.32 2.35 0.00	41.92 2.45 0.00	43.88 2.64 0.00	48.43 2.96 0.00	51.57 2.87 0.00	55.52 3.09 0.00	54.17 3.02 0.00	48.67 2.62 0.00	38.28 2.34 0.00	35.60 2.42 0.00
CH_MISC_IPPS 23765	32.15 1.74 -8.35	29.78 1.49 -9.68	28.08 1.47 -7.46	27.30 1.31 -9.34	28.71 1.61 -6.94	30.58 2.11 0.00	36.41 2.13 0.00	42.65 2.83 0.00	42.88 3.03 0.00	41.27 2.84 0.00	40.24 2.63 0.00	39.15 2.46 0.00	39.03 2.49 0.00	39.73 2.53 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.09 2.84 0.00	48.75 3.28 0.00	51.86 3.16 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.54 2.59 0.00	35.80 2.62 0.00
CH_RES_BVR_FALLS 23983	21.46 -0.59 0.00	18.09 -0.52 0.00	18.62 -0.54 0.00	16.17 -0.47 0.00	19.60 -0.56 0.00	27.73 -0.74 0.00	33.59 -0.69 0.00	39.03 -0.80 0.00	39.10 -0.76 0.00	37.74 -0.69 0.00	36.93 -0.68 0.00	36.03 -0.66 0.00	35.85 -0.70 0.00	36.49 -0.71 0.00	37.24 -0.72 0.00	38.72 -0.75 0.00	40.50 -0.74 0.00	44.61 -0.87 0.00	47.87 -0.83 0.00	51.53 -0.89 0.00	50.24 -0.92 0.00	45.17 -0.88 0.00	35.16 -0.79 0.00	32.35 -0.83 0.00
CH_RES_NIAGARA 23895	22.03 -1.35 -1.32	18.97 -1.17 -1.53	19.14 -1.19 -1.18	17.08 -1.03 -1.48	19.92 -1.33 -1.10	26.05 -2.42 0.00	30.99 -3.29 0.00	35.40 -4.38 0.04	33.56 -4.38 1.91	30.96 -3.96 3.51	32.76 -4.06 0.78	32.74 -3.93 0.02	32.78 -3.73 0.04	33.29 -3.87 0.04	34.01 -3.95 0.00	35.41 -4.07 0.00	36.75 -4.45 0.04	38.67 -5.14 1.66	43.63 -5.06 0.00	47.02 -5.40 0.00	46.19 -4.96 0.00	41.95 -4.10 0.00	33.36 -2.59 0.00	31.12 -2.06 0.00
CH_RES_SYRACUSE 23985	22.77 -0.09 -0.80	19.47 -0.07 -0.93	19.79 -0.08 -0.72	17.47 -0.07 -0.90	20.73 -0.10 -0.67	28.24 -0.23 0.00	33.90 -0.38 0.00	39.30 -0.52 0.00	39.33 -0.52 0.00	38.04 -0.38 0.00	37.23 -0.38 0.00	36.36 -0.33 0.00	36.29 -0.25 0.00	36.94 -0.26 0.00	37.70 -0.26 0.00	39.15 -0.32 0.00	40.91 -0.33 0.00	45.02 -0.45 0.00	48.31 -0.39 0.00	51.95 -0.47 0.00	50.64 -0.51 0.00	45.68 -0.37 0.00	35.77 -0.18 0.00	33.08 -0.10 0.00
CLINTON_WT_PWR 323605	21.50 -0.55 0.00	18.12 -0.48 0.00	18.69 -0.46 0.00	16.27 -0.37 0.00	19.78 -0.38 0.00	28.07 -0.40 0.00	34.31 0.03 0.00	39.90 0.08 0.00	39.93 0.08 0.00	38.54 0.12 0.00	37.76 0.15 0.00	36.84 0.15 0.00	36.69 0.15 0.00	37.28 0.07 0.00	37.96 0.00 0.00	39.51 0.04 0.00	41.28 0.04 0.00	45.47 0.00 0.00	48.84 0.15 0.00	52.58 0.16 0.00	51.26 0.10 0.00	46.05 0.00 0.00	35.66 -0.29 0.00	32.55 -0.63 0.00
CLINTON___LFGE 323618	21.70 -0.35 0.00	18.29 -0.32 0.00	18.84 -0.31 0.00	16.41 -0.23 0.00	19.94 -0.22 0.00	28.30 -0.17 0.00	34.62 0.34 0.00	40.34 0.52 0.00	40.33 0.48 0.00	38.93 0.50 0.00	38.17 0.56 0.00	37.21 0.51 0.00	37.09 0.55 0.00	37.65 0.45 0.00	38.34 0.38 0.00	39.95 0.48 0.00	41.78 0.53 0.00	46.02 0.55 0.00	49.47 0.78 0.00	53.31 0.89 0.00	51.92 0.77 0.00	46.60 0.55 0.00	36.09 0.14 0.00	32.85 -0.33 0.00
COBBLENY_34_KV_TB1 80064	22.24 -1.30 -1.49	19.22 -1.12 -1.73	19.35 -1.13 -1.33	17.32 -0.98 -1.67	20.13 -1.27 -1.24	26.68 -1.79 0.00	31.81 -2.47 0.00	37.27 -2.51 0.04	35.37 -2.47 2.01	32.57 -2.15 3.70	34.49 -2.29 0.82	33.88 -2.79 0.03	33.76 -2.74 0.04	34.52 -2.64 0.04	35.15 -2.81 0.00	36.63 -2.84 0.00	38.11 -3.09 0.04	40.85 -2.91 1.71	45.19 -3.51 0.00	48.86 -3.56 0.00	47.93 -3.22 0.00	43.47 -2.58 0.00	34.47 -1.47 0.00	32.09 -1.09 0.00
COFFEEN___115KV_TB3 355620	22.23 -0.26 -0.44	18.91 -0.20 -0.51	19.31 -0.23 -0.39	16.83 -0.30 -0.49	20.24 -0.28 -0.37	28.25 -0.23 0.00	33.97 -0.31 0.00	39.38 -0.44 0.00	39.30 -0.56 0.00	37.78 -0.65 0.00	37.00 -0.60 0.00	36.03 -0.66 0.00	35.77 -0.77 0.00	36.42 -0.78 0.00	37.35 -0.61 0.00	38.68 -0.79 0.00	40.46 -0.78 0.00	44.83 -0.64 0.00	48.50 -0.19 0.00	52.63 0.21 0.00	51.31 0.15 0.00	46.51 0.46 0.00	36.27 0.32 0.00	33.18 0.00 0.00
COLDSPRG_115KV_BK1 355956	22.33 -1.30 -1.57	19.33 -1.10 -1.82	19.44 -1.11 -1.40	17.45 -0.95 -1.76	20.28 -1.19 -1.31	27.16 -1.31 0.00	32.50 -1.78 0.00	38.84 -0.96 0.02	37.78 -0.96 1.11	35.69 -0.69 2.05	36.24 -0.90 0.46	34.84 -1.83 0.01	34.65 -1.86 0.02	35.65 -1.53 0.02	36.25 -1.71 0.00	37.77 -1.70 0.00	39.36 -1.86 0.02	43.64 -0.95 0.87	46.70 -2.00 0.00	50.54 -1.89 0.00	49.52 -1.64 0.00	44.85 -1.20 0.00	35.48 -0.47 0.00	32.92 -0.27 0.00
COLONIE_LFGE___ 323577	33.77 0.97 -10.75	31.87 0.80 -12.47	29.59 0.84 -9.60	29.40 0.73 -12.03	29.96 0.87 -8.93	29.70 1.22 0.00	35.41 1.13 0.00	61.74 1.55 -20.36	47.92 1.43 -6.64	39.62 1.19 0.00	40.05 1.24 -1.20	40.89 1.28 -2.91	38.37 1.20 -0.62	40.36 1.27 -1.89	39.25 1.29 0.00	40.97 1.34 -0.16	48.89 1.44 -6.21	47.11 1.63 0.00	50.30 1.60 0.00	54.21 1.78 0.00	52.90 1.74 0.00	47.57 1.52 0.00	37.39 1.44 0.00	34.71 1.53 0.00
COOPERNY_115KV_TB1 80082	29.55 1.15 -6.35	26.94 0.97 -7.36	25.80 0.98 -5.67	24.61 0.87 -7.11	26.50 1.07 -5.28	29.87 1.40 0.00	35.62 1.34 0.00	41.61 1.79 0.00	41.77 1.91 0.00	40.27 1.84 0.00	39.30 1.69 0.00	38.27 1.58 0.00	38.11 1.57 0.00	38.84 1.64 0.00	39.63 1.67 0.00	41.17 1.70 0.00	43.06 1.81 0.00	47.56 2.09 0.00	50.64 1.95 0.00	54.52 2.10 0.00	53.25 2.10 0.00	47.89 1.84 0.00	37.60 1.65 0.00	34.87 1.69 0.00
COPENHAGEN_WT_PWR 323753	22.13 -0.38 -0.45	18.84 -0.30 -0.53	19.25 -0.31 -0.41	16.78 -0.37 -0.51	20.15 -0.38 -0.38	28.10 -0.37 0.00	33.77 -0.51 0.00	39.18 -0.64 0.00	39.14 -0.72 0.00	37.62 -0.81 0.00	36.89 -0.72 0.00	35.96 -0.73 0.00	35.74 -0.80 0.00	36.38 -0.82 0.00	37.28 -0.68 0.00	38.64 -0.83 0.00	40.34 -0.91 0.00	44.61 -0.87 0.00	48.16 -0.53 0.00	52.21 -0.21 0.00	50.90 -0.25 0.00	46.09 0.05 0.00	35.98 0.04 0.00	32.95 -0.23 0.00
CORNELL_____ 23752	24.34 0.33 -1.95	21.17 0.30 -2.26	21.18 0.29 -1.74	19.07 0.25 -2.18	22.08 0.30 -1.62	28.84 0.37 0.00	34.62 0.34 0.00	40.32 0.48 -0.02	41.16 0.40 -0.91	40.57 0.46 -1.68	38.31 0.34 -0.37	36.96 0.26 -0.01	36.78 0.22 -0.02	37.52 0.30 -0.02	38.30 0.34 0.00	39.79 0.32 0.00	41.67 0.41 -0.02	46.97 0.59 -0.91	49.43 0.73 0.00	53.31 0.89 0.00	51.97 0.82 0.00	46.88 0.83 0.00	36.70 0.75 0.00	33.94 0.76 0.00

CORONA_69_KV_TB1 355595	45.12 2.36 -20.70	38.71 2.01 -18.09	34.72 2.03 -13.54	30.29 1.78 -11.87	33.37 2.18 -11.03	37.82 2.90 -6.45	45.36 3.02 -8.06	46.78 3.90 -3.05	49.81 4.03 -5.93	52.80 3.77 -10.61	61.76 3.27 -20.88	62.82 3.12 -23.00	65.62 3.11 -25.97	68.15 3.16 -27.79	70.52 3.19 -29.37	69.40 3.32 -26.61	67.90 3.55 -23.11	100.03 3.96 -50.60	69.61 3.85 -17.06	70.64 4.09 -14.13	66.71 4.04 -11.51	70.78 3.55 -21.18	49.58 3.31 -10.33	43.07 3.48 -6.40
CORTLAND_115KV_TB3 80093	23.89 0.24 -1.59	20.66 0.20 -1.85	20.76 0.19 -1.42	18.60 0.18 -1.78	21.68 0.20 -1.32	28.73 0.26 0.00	34.45 0.17 0.00	40.10 0.28 0.00	40.10 0.24 0.00	38.74 0.31 -0.01	37.87 0.26 0.00	36.84 0.15 0.00	36.69 0.15 0.00	37.43 0.22 0.00	38.19 0.23 0.00	39.67 0.20 0.00	41.49 0.25 0.00	45.85 0.36 -0.02	49.09 0.39 0.00	52.89 0.47 0.00	51.62 0.46 0.00	46.51 0.46 0.00	36.45 0.50 0.00	33.71 0.53 0.00
COXSACKIE___GT 23611	32.87 0.97 -9.84	30.79 0.76 -11.42	28.71 0.77 -8.79	28.35 0.70 -11.02	29.14 0.81 -8.18	30.15 1.68 0.00	35.93 1.65 0.00	38.12 2.35 4.05	40.77 2.23 1.32	39.85 1.42 0.00	38.80 1.43 0.24	37.47 1.36 0.58	37.66 1.24 0.12	38.13 1.30 0.38	39.06 1.10 0.00	40.82 1.38 0.03	41.82 1.81 1.23	47.47 2.00 0.00	51.08 2.39 0.00	55.30 2.88 0.00	53.97 2.81 0.00	48.44 2.39 0.00	38.32 2.37 0.00	35.40 2.22 0.00
CPV_VALLEY___CC1 323721	30.70 1.39 -7.25	28.21 1.19 -8.41	26.83 1.21 -6.48	25.82 1.07 -8.11	27.49 1.31 -6.02	30.15 1.68 0.00	35.93 1.65 0.00	42.05 2.23 0.00	42.20 2.35 0.00	40.70 2.27 0.00	39.71 2.10 0.00	38.64 1.94 0.00	38.51 1.97 0.00	39.21 2.01 0.00	40.01 2.05 0.00	41.60 2.13 0.00	43.47 2.23 0.00	48.02 2.54 0.00	51.08 2.39 0.00	54.99 2.57 0.00	53.71 2.56 0.00	48.26 2.21 0.00	37.92 1.98 0.00	35.24 2.06 0.00
CPV_VALLEY___CC2 323722	30.70 1.39 -7.25	28.21 1.19 -8.41	26.83 1.21 -6.48	25.82 1.07 -8.11	27.49 1.31 -6.02	30.15 1.68 0.00	35.93 1.65 0.00	42.05 2.23 0.00	42.20 2.35 0.00	40.70 2.27 0.00	39.71 2.10 0.00	38.64 1.94 0.00	38.51 1.97 0.00	39.21 2.01 0.00	40.01 2.05 0.00	41.60 2.13 0.00	43.47 2.23 0.00	48.02 2.54 0.00	51.08 2.39 0.00	54.99 2.57 0.00	53.71 2.56 0.00	48.26 2.21 0.00	37.92 1.98 0.00	35.24 2.06 0.00
CRESCENT___HYD 24018	33.77 0.97 -10.75	31.87 0.80 -12.47	29.59 0.84 -9.60	29.40 0.73 -12.03	29.96 0.87 -8.93	29.70 1.22 0.00	35.41 1.13 0.00	61.74 1.55 -20.36	47.92 1.43 -6.64	39.62 1.19 0.00	40.05 1.24 -1.20	40.89 1.28 -2.91	38.37 1.20 -0.62	40.36 1.27 -1.89	39.25 1.29 0.00	40.97 1.34 -0.16	48.89 1.44 -6.21	47.11 1.63 0.00	50.30 1.60 0.00	54.21 1.78 0.00	52.90 1.74 0.00	47.57 1.52 0.00	37.39 1.44 0.00	34.71 1.53 0.00
CRICKET___VALLEY_CC1 323756	32.30 1.46 -8.79	30.08 1.28 -10.19	28.30 1.30 -7.85	27.61 1.13 -9.83	28.85 1.39 -7.30	30.27 1.79 0.00	35.96 1.68 0.00	42.05 2.23 0.00	42.24 2.39 0.00	40.73 2.31 0.00	39.75 2.14 0.00	38.67 1.98 0.00	38.55 2.01 0.00	39.25 2.04 0.00	40.05 2.09 0.00	41.60 2.13 0.00	43.51 2.27 0.00	48.06 2.59 0.00	51.08 2.39 0.00	54.99 2.57 0.00	53.71 2.56 0.00	48.21 2.16 0.00	37.89 1.94 0.00	35.27 2.09 0.00
CRICKET___VALLEY_CC2 323757	32.30 1.46 -8.79	30.08 1.28 -10.19	28.30 1.30 -7.85	27.61 1.13 -9.83	28.85 1.39 -7.30	30.27 1.79 0.00	35.96 1.68 0.00	42.05 2.23 0.00	42.24 2.39 0.00	40.73 2.31 0.00	39.75 2.14 0.00	38.67 1.98 0.00	38.55 2.01 0.00	39.25 2.04 0.00	40.05 2.09 0.00	41.60 2.13 0.00	43.51 2.27 0.00	48.06 2.59 0.00	51.08 2.39 0.00	54.99 2.57 0.00	53.71 2.56 0.00	48.21 2.16 0.00	37.89 1.94 0.00	35.27 2.09 0.00
CRICKET___VALLEY_CC3 323758	32.30 1.46 -8.79	30.08 1.28 -10.19	28.30 1.30 -7.85	27.61 1.13 -9.83	28.85 1.39 -7.30	30.27 1.79 0.00	35.96 1.68 0.00	42.05 2.23 0.00	42.24 2.39 0.00	40.73 2.31 0.00	39.75 2.14 0.00	38.67 1.98 0.00	38.55 2.01 0.00	39.25 2.04 0.00	40.05 2.09 0.00	41.60 2.13 0.00	43.51 2.27 0.00	48.06 2.59 0.00	51.08 2.39 0.00	54.99 2.57 0.00	53.71 2.56 0.00	48.21 2.16 0.00	37.89 1.94 0.00	35.27 2.09 0.00
CRUCIBLE_METL_DRP 24180	22.77 -0.09 -0.80	19.47 -0.07 -0.93	19.79 -0.08 -0.72	17.47 -0.07 -0.90	20.73 -0.10 -0.67	28.25 -0.23 0.00	33.90 -0.38 0.00	39.30 -0.52 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.23 -0.38 0.00	36.36 -0.33 0.00	36.29 -0.26 0.00	36.94 -0.26 0.00	37.70 -0.27 0.00	39.16 -0.32 0.00	40.91 -0.33 0.00	45.02 -0.45 0.00	48.31 -0.39 0.00	51.95 -0.47 0.00	50.70 -0.46 0.00	45.68 -0.37 0.00	35.73 -0.22 0.00	33.08 -0.10 0.00
DAHOWA___HYDRO 323763	34.14 1.21 -10.88	32.21 0.99 -12.61	29.92 1.05 -9.71	29.69 0.88 -12.17	30.26 1.07 -9.04	30.01 1.54 0.00	35.79 1.51 0.00	52.12 1.99 -10.30	45.05 1.83 -3.36	39.89 1.46 0.00	39.76 1.54 -0.61	39.74 1.58 -1.47	38.32 1.46 -0.31	39.72 1.56 -0.95	39.63 1.67 0.00	41.25 1.70 -0.08	46.24 1.86 -3.14	47.61 2.14 0.00	50.99 2.29 0.00	55.04 2.62 0.00	53.66 2.51 0.00	48.26 2.21 0.00	37.89 1.94 0.00	35.10 1.92 0.00
DANC___LFGE 323619	22.23 -0.35 -0.53	18.95 -0.28 -0.62	19.34 -0.29 -0.48	16.92 -0.32 -0.60	20.26 -0.34 -0.44	28.05 -0.43 0.00	33.63 -0.65 0.00	38.98 -0.84 0.00	38.94 -0.92 0.00	37.58 -0.85 0.00	36.81 -0.79 0.00	35.96 -0.73 0.00	35.77 -0.77 0.00	36.42 -0.78 0.00	37.24 -0.72 0.00	38.60 -0.87 0.00	40.30 -0.95 0.00	44.47 -1.00 0.00	47.92 -0.78 0.00	51.80 -0.63 0.00	50.49 -0.67 0.00	45.68 -0.37 0.00	35.77 -0.18 0.00	32.88 -0.30 0.00
DANSKAMMER___1 23586	32.15 1.74 -8.35	29.78 1.49 -9.68	28.08 1.47 -7.46	27.30 1.31 -9.34	28.71 1.61 -6.94	30.58 2.11 0.00	36.41 2.13 0.00	42.65 2.83 0.00	42.88 3.03 0.00	41.27 2.84 0.00	40.24 2.63 0.00	39.15 2.46 0.00	39.03 2.49 0.00	39.73 2.53 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.09 2.84 0.00	48.75 3.28 0.00	51.86 3.16 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.54 2.59 0.00	35.80 2.62 0.00
DANSKAMMER___2 23589	32.15 1.74 -8.35	29.78 1.49 -9.68	28.08 1.47 -7.46	27.30 1.31 -9.34	28.71 1.61 -6.94	30.58 2.11 0.00	36.41 2.13 0.00	42.65 2.83 0.00	42.88 3.03 0.00	41.27 2.84 0.00	40.24 2.63 0.00	39.15 2.46 0.00	39.03 2.49 0.00	39.73 2.53 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.09 2.84 0.00	48.75 3.28 0.00	51.86 3.16 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.54 2.59 0.00	35.80 2.62 0.00
DANSKAMMER___3 23590	32.15 1.74 -8.35	29.78 1.49 -9.68	28.08 1.47 -7.46	27.30 1.31 -9.34	28.71 1.61 -6.94	30.58 2.11 0.00	36.41 2.13 0.00	42.65 2.83 0.00	42.88 3.03 0.00	41.27 2.84 0.00	40.24 2.63 0.00	39.15 2.46 0.00	39.03 2.49 0.00	39.73 2.53 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.09 2.84 0.00	48.75 3.28 0.00	51.86 3.16 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.54 2.59 0.00	35.80 2.62 0.00

DANSKAMMER___4 23591	32.15 1.74 -8.35	29.78 1.49 -9.68	28.08 1.47 -7.46	27.30 1.31 -9.34	28.71 1.61 -6.94	30.58 2.11 0.00	36.41 2.13 0.00	42.65 2.83 0.00	42.88 3.03 0.00	41.27 2.84 0.00	40.24 2.63 0.00	39.15 2.46 0.00	39.03 2.49 0.00	39.73 2.53 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.09 2.84 0.00	48.75 3.28 0.00	51.86 3.16 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.54 2.59 0.00	35.80 2.62 0.00
DANSKAMMER___DIESEL 23592	32.17 1.76 -8.35	29.78 1.49 -9.68	28.08 1.47 -7.46	27.30 1.31 -9.34	28.71 1.61 -6.94	30.61 2.14 0.00	36.41 2.13 0.00	42.65 2.83 0.00	42.88 3.03 0.00	41.27 2.84 0.00	40.24 2.63 0.00	39.19 2.50 0.00	39.03 2.48 0.00	39.73 2.53 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.13 2.89 0.00	48.70 3.23 0.00	51.86 3.17 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.53 2.59 0.00	35.80 2.62 0.00
DARBY___SOLAR 323810	34.27 1.30 -10.92	32.31 1.04 -12.66	30.03 1.13 -9.75	29.81 0.95 -12.22	30.38 1.15 -9.07	30.15 1.68 0.00	35.93 1.65 0.00	49.20 2.15 -7.23	44.20 1.99 -2.36	39.97 1.54 0.00	39.65 1.62 -0.43	39.34 1.61 -1.03	38.26 1.50 -0.22	39.55 1.68 -0.67	39.78 1.82 0.00	41.35 1.82 -0.06	45.47 2.02 -2.20	47.83 2.36 0.00	51.28 2.58 0.00	55.51 3.09 0.00	54.02 2.86 0.00	48.58 2.53 0.00	38.18 2.23 0.00	35.31 2.13 0.00
DASHVILLE___HYD 23610	32.04 1.48 -8.51	29.72 1.25 -9.87	27.99 1.24 -7.60	27.27 1.11 -9.52	28.60 1.37 -7.07	30.61 2.14 0.00	36.37 2.09 0.00	41.73 2.91 1.00	42.64 3.11 0.33	41.20 2.77 0.00	40.22 2.67 0.06	39.04 2.50 0.14	39.00 2.48 0.03	39.64 2.53 0.09	40.39 2.43 0.00	42.11 2.64 0.01	43.87 2.93 0.31	48.61 3.14 0.00	51.72 3.02 0.00	55.78 3.36 0.00	54.38 3.22 0.00	48.86 2.81 0.00	38.46 2.52 0.00	35.77 2.59 0.00
DELAWARE___LFGE 323621	26.58 0.86 -3.67	23.61 0.74 -4.25	23.17 0.75 -3.27	21.39 0.65 -4.10	24.01 0.81 -3.05	29.58 1.11 0.00	35.34 1.06 0.00	41.22 1.39 0.00	41.33 1.47 0.00	39.86 1.42 -0.01	38.96 1.35 0.00	37.94 1.25 0.00	37.75 1.21 0.00	38.47 1.26 0.00	39.25 1.29 0.00	40.77 1.30 0.00	42.60 1.36 0.00	47.08 1.59 -0.02	50.25 1.56 0.00	54.15 1.73 0.00	52.84 1.69 0.00	47.61 1.57 0.00	37.35 1.40 0.00	34.61 1.43 0.00
DERFIELD_115KV_TB7 355931	22.14 0.09 0.00	18.68 0.07 0.00	19.23 0.08 0.00	16.71 0.07 0.00	20.24 0.08 0.00	28.59 0.11 0.00	34.28 0.00 0.00	39.82 0.00 0.00	39.85 0.00 0.00	38.39 -0.04 0.00	37.57 -0.04 0.00	36.66 -0.04 0.00	36.50 -0.04 0.00	37.17 -0.04 0.00	37.96 0.00 0.00	39.43 -0.04 0.00	41.24 0.00 0.00	45.47 0.00 0.00	48.70 0.00 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.05 0.00 0.00	36.02 0.07 0.00	33.31 0.13 0.00
DOGLEVILLE___HYD 23807	21.13 -0.93 0.00	17.83 -0.78 0.00	18.35 -0.80 0.00	15.91 -0.73 0.00	19.29 -0.87 0.00	27.28 -1.20 0.00	32.74 -1.54 0.00	38.03 -1.79 0.00	38.06 -1.79 0.00	36.66 -1.77 0.00	35.88 -1.73 0.00	35.04 -1.65 0.00	34.86 -1.68 0.00	35.49 -1.71 0.00	36.29 -1.67 0.00	37.73 -1.74 0.00	39.43 -1.81 0.00	43.47 -2.00 0.00	46.55 -2.14 0.00	50.17 -2.25 0.00	48.91 -2.25 0.00	44.02 -2.03 0.00	34.44 -1.51 0.00	31.85 -1.33 0.00
DUNKIRK___115KV_TB_200 55889	22.26 -1.28 -1.49	19.25 -1.08 -1.72	19.39 -1.09 -1.33	17.37 -0.93 -1.66	20.20 -1.19 -1.23	26.74 -1.74 0.00	31.91 -2.37 0.00	37.39 -2.39 0.05	35.27 -2.35 2.23	32.25 -2.08 4.11	34.51 -2.18 0.91	34.06 -2.61 0.03	33.97 -2.52 0.05	34.78 -2.38 0.05	35.46 -2.51 0.00	36.98 -2.49 0.00	38.52 -2.68 0.05	41.10 -2.46 1.91	45.77 -2.92 0.00	49.43 -2.99 0.00	48.44 -2.71 0.00	43.88 -2.16 0.00	34.76 -1.19 0.00	32.32 -0.86 0.00
DUNKIRK___1 23563	22.26 -1.28 -1.49	19.25 -1.08 -1.72	19.39 -1.09 -1.33	17.37 -0.93 -1.66	20.20 -1.19 -1.23	26.74 -1.74 0.00	31.91 -2.37 0.00	37.39 -2.39 0.05	35.27 -2.35 2.23	32.25 -2.08 4.11	34.51 -2.18 0.91	34.06 -2.61 0.03	33.97 -2.52 0.05	34.78 -2.38 0.05	35.46 -2.51 0.00	36.98 -2.49 0.00	38.52 -2.68 0.05	41.10 -2.46 1.91	45.77 -2.92 0.00	49.43 -2.99 0.00	48.44 -2.71 0.00	43.88 -2.16 0.00	34.76 -1.19 0.00	32.32 -0.86 0.00
DUNKIRK___2 23564	22.26 -1.28 -1.49	19.25 -1.08 -1.72	19.39 -1.09 -1.33	17.37 -0.93 -1.66	20.20 -1.19 -1.23	26.74 -1.74 0.00	31.91 -2.37 0.00	37.39 -2.39 0.05	35.27 -2.35 2.23	32.25 -2.08 4.11	34.51 -2.18 0.91	34.06 -2.61 0.03	33.97 -2.52 0.05	34.78 -2.38 0.05	35.46 -2.51 0.00	36.98 -2.49 0.00	38.52 -2.68 0.05	41.10 -2.46 1.91	45.77 -2.92 0.00	49.43 -2.99 0.00	48.44 -2.71 0.00	43.88 -2.16 0.00	34.76 -1.19 0.00	32.32 -0.86 0.00
DUNKIRK___3 23565	22.25 -1.28 -1.48	19.24 -1.08 -1.71	19.36 -1.11 -1.32	17.36 -0.93 -1.65	20.18 -1.21 -1.23	26.71 -1.77 0.00	31.88 -2.40 0.00	37.34 -2.43 0.05	35.01 -2.43 2.41	31.87 -2.11 4.44	34.36 -2.26 0.99	33.98 -2.68 0.03	33.90 -2.59 0.05	34.66 -2.49 0.05	35.34 -2.62 0.00	36.83 -2.64 0.00	38.35 -2.85 0.05	40.71 -2.68 2.08	45.53 -3.17 0.00	49.17 -3.25 0.00	48.24 -2.92 0.00	43.70 -2.35 0.00	34.62 -1.33 0.00	32.22 -0.96 0.00
DUNKIRK___4 23566	22.25 -1.28 -1.48	19.24 -1.08 -1.71	19.36 -1.11 -1.32	17.36 -0.93 -1.65	20.18 -1.21 -1.23	26.71 -1.77 0.00	31.88 -2.40 0.00	37.34 -2.43 0.05	35.01 -2.43 2.41	31.87 -2.11 4.44	34.36 -2.26 0.99	33.98 -2.68 0.03	33.90 -2.59 0.05	34.66 -2.49 0.05	35.34 -2.62 0.00	36.83 -2.64 0.00	38.35 -2.85 0.05	40.71 -2.68 2.08	45.53 -3.17 0.00	49.17 -3.25 0.00	48.24 -2.92 0.00	43.70 -2.35 0.00	34.62 -1.33 0.00	32.22 -0.96 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.35 1.90 -8.39	29.94 1.60 -9.74	28.28 1.63 -7.50	27.45 1.41 -9.39	28.89 1.75 -6.97	30.78 2.31 0.00	36.58 2.30 0.00	42.89 3.07 0.00	43.12 3.27 0.00	41.58 3.15 0.00	40.58 2.97 0.00	39.48 2.79 0.00	39.36 2.81 0.00	40.07 2.86 0.00	40.85 2.89 0.00	42.47 3.00 0.00	44.42 3.18 0.00	49.02 3.55 0.00	52.06 3.36 0.00	55.99 3.56 0.00	54.63 3.48 0.00	49.09 3.04 0.00	38.61 2.66 0.00	35.97 2.79 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.78 1.65 -8.08	29.37 1.40 -9.36	27.76 1.40 -7.21	26.92 1.25 -9.04	28.40 1.53 -6.71	30.49 2.02 0.00	36.27 1.99 0.00	42.49 2.67 0.00	42.68 2.83 0.00	41.12 2.69 0.00	40.09 2.48 0.00	39.04 2.35 0.00	38.88 2.34 0.00	39.58 2.38 0.00	40.35 2.39 0.00	41.96 2.49 0.00	43.92 2.68 0.00	48.52 3.05 0.00	51.62 2.92 0.00	55.62 3.20 0.00	54.28 3.12 0.00	48.72 2.67 0.00	38.36 2.41 0.00	35.64 2.46 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.37 1.92 -8.40	30.02 1.67 -9.74	28.39 1.74 -7.50	27.51 1.48 -9.39	28.99 1.85 -6.97	30.78 2.31 0.00	36.54 2.26 0.00	42.81 2.99 0.00	43.12 3.27 0.00	41.70 3.27 0.00	40.65 3.05 0.00	39.59 2.90 0.00	39.46 2.92 0.00	40.18 2.98 0.00	40.96 3.00 0.00	42.59 3.12 0.00	44.50 3.26 0.00	49.11 3.64 0.00	51.96 3.26 0.00	55.88 3.46 0.00	54.53 3.38 0.00	49.04 2.99 0.00	38.50 2.55 0.00	35.90 2.72 0.00

E179THST_13_KV_LOAD 356214	32.46 2.01 -8.40	30.09 1.75 -9.74	28.47 1.82 -7.50	27.56 1.53 -9.39	29.07 1.94 -6.97	30.89 2.42 0.00	36.68 2.40 0.00	42.97 3.15 0.00	43.32 3.47 0.00	41.85 3.42 0.00	40.84 3.23 0.00	39.77 3.08 0.00	39.65 3.11 0.00	40.36 3.16 0.00	41.15 3.19 0.00	42.79 3.32 0.00	44.71 3.46 0.00	49.34 3.86 0.00	52.25 3.55 0.00	56.14 3.72 0.00	54.79 3.63 0.00	49.27 3.22 0.00	38.68 2.73 0.00	36.03 2.85 0.00
EAST HAMPTON___GT 23717	45.65 2.89 -20.70	39.14 2.44 -18.09	35.18 2.49 -13.54	30.67 2.16 -11.87	33.85 2.66 -11.03	38.51 3.59 -6.45	46.25 3.91 -8.06	48.05 5.17 -3.05	48.42 5.26 -3.31	49.15 4.80 -5.92	52.76 3.50 -11.65	52.68 3.16 -12.84	54.28 3.25 -14.49	56.02 3.31 -15.50	57.77 3.42 -16.39	57.91 3.59 -14.85	57.97 3.84 -12.89	78.26 4.55 -28.24	62.56 4.33 -9.53	64.98 4.61 -7.94	62.09 4.50 -6.43	61.75 3.87 -11.83	47.57 3.52 -8.10	43.68 4.11 -6.39
EAST RIVER___6 23660	32.48 2.03 -8.39	30.05 1.71 -9.74	28.37 1.72 -7.50	27.53 1.50 -9.39	28.99 1.85 -6.97	30.89 2.42 0.00	36.78 2.50 0.00	43.13 3.30 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.80 3.19 0.00	39.70 3.01 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.08 3.11 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.29 3.82 0.00	52.20 3.51 0.00	56.20 3.78 0.00	54.94 3.79 0.00	49.32 3.27 0.00	38.75 2.81 0.00	36.13 2.95 0.00
EAST RIVER___7 23524	32.48 2.03 -8.39	30.05 1.71 -9.74	28.37 1.72 -7.50	27.53 1.50 -9.39	28.99 1.85 -6.97	30.89 2.42 0.00	36.78 2.50 0.00	43.13 3.30 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.80 3.19 0.00	39.70 3.01 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.08 3.11 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.29 3.82 0.00	52.20 3.51 0.00	56.20 3.78 0.00	54.94 3.79 0.00	49.32 3.27 0.00	38.75 2.81 0.00	36.13 2.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.26 1.83 -8.37	29.86 1.54 -9.71	28.20 1.57 -7.48	27.37 1.36 -9.37	28.81 1.69 -6.96	30.69 2.22 0.00	36.51 2.23 0.00	42.77 2.95 0.00	43.00 3.15 0.00	41.46 3.04 0.00	40.46 2.86 0.00	39.37 2.68 0.00	39.25 2.70 0.00	39.96 2.75 0.00	40.73 2.77 0.00	42.35 2.88 0.00	44.30 3.05 0.00	48.88 3.41 0.00	51.91 3.21 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.50 2.55 0.00	35.87 2.69 0.00
EAST_HAMPTON___DIESEL 23722	45.60 2.85 -20.70	39.12 2.42 -18.09	35.14 2.45 -13.54	30.64 2.13 -11.87	33.83 2.64 -11.03	38.45 3.53 -6.45	46.21 3.87 -8.06	47.97 5.10 -3.05	48.38 5.22 -3.31	49.11 4.76 -5.92	52.68 3.42 -11.65	52.57 3.04 -12.84	54.17 3.14 -14.49	55.94 3.24 -15.50	57.65 3.30 -16.39	57.83 3.51 -14.85	57.89 3.75 -12.89	78.17 4.46 -28.24	62.42 4.19 -9.53	64.82 4.45 -7.94	61.93 4.35 -6.43	61.65 3.78 -11.83	47.50 3.45 -8.10	43.62 4.05 -6.39
EAST_POINT___SOLAR 323840	36.10 2.10 -11.95	34.18 1.71 -13.86	31.63 1.80 -10.67	31.55 1.53 -13.38	31.98 1.89 -9.93	31.26 2.79 0.00	37.16 2.88 0.00	44.11 3.30 -0.99	43.44 3.27 -0.32	41.31 2.88 0.00	40.60 2.94 -0.06	39.73 2.90 -0.14	39.31 2.74 -0.03	40.20 2.90 -0.09	40.96 3.00 0.00	42.24 2.76 -0.01	44.47 2.93 -0.30	48.88 3.41 0.00	52.69 3.99 0.00	57.35 4.93 0.00	55.86 4.70 0.00	50.51 4.47 0.00	39.61 3.67 0.00	36.57 3.39 0.00
EAST_PULASKI___ESR 323781	22.34 -0.31 -0.60	19.06 -0.24 -0.69	19.44 -0.25 -0.53	17.06 -0.25 -0.67	20.37 -0.28 -0.50	28.02 -0.46 0.00	33.56 -0.72 0.00	38.91 -0.91 0.00	38.86 -0.99 0.00	37.55 -0.88 0.00	36.78 -0.83 0.00	35.96 -0.73 0.00	35.81 -0.73 0.00	36.46 -0.74 0.00	37.24 -0.72 0.00	38.64 -0.83 0.00	40.34 -0.91 0.00	44.43 -1.04 0.00	47.77 -0.93 0.00	51.53 -0.89 0.00	50.24 -0.92 0.00	45.36 -0.69 0.00	35.55 -0.39 0.00	32.82 -0.36 0.00
EAST_RIVER___1 323558	32.45 2.01 -8.39	30.04 1.69 -9.74	28.37 1.72 -7.50	27.51 1.48 -9.39	28.99 1.85 -6.97	30.89 2.42 0.00	36.78 2.50 0.00	43.13 3.30 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.80 3.19 0.00	39.70 3.01 0.00	39.57 3.03 0.00	40.29 3.09 0.00	41.08 3.11 0.00	42.71 3.24 0.00	44.58 3.34 0.00	49.29 3.82 0.00	52.20 3.51 0.00	56.20 3.78 0.00	54.89 3.73 0.00	49.27 3.22 0.00	38.71 2.77 0.00	36.10 2.92 0.00
EAST_RIVER___2 323559	32.48 2.03 -8.39	30.05 1.71 -9.74	28.37 1.72 -7.50	27.53 1.50 -9.39	28.99 1.85 -6.97	30.89 2.42 0.00	36.78 2.50 0.00	43.13 3.30 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.80 3.19 0.00	39.70 3.01 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.08 3.11 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.29 3.82 0.00	52.20 3.51 0.00	56.20 3.78 0.00	54.94 3.79 0.00	49.32 3.27 0.00	38.75 2.81 0.00	36.13 2.95 0.00
EAST___DELAWARE_HYD 23607	31.48 1.83 -7.60	28.95 1.53 -8.81	27.47 1.53 -6.79	26.51 1.36 -8.50	28.14 1.67 -6.31	30.70 2.22 0.00	36.58 2.30 0.00	42.85 3.03 0.00	43.08 3.23 0.00	41.46 3.04 0.00	40.35 2.74 0.00	39.22 2.53 0.00	39.06 2.52 0.00	39.73 2.53 0.00	40.58 2.62 0.00	42.19 2.72 0.00	44.21 2.97 0.00	48.92 3.45 0.00	52.15 3.46 0.00	56.25 3.82 0.00	54.89 3.73 0.00	49.27 3.22 0.00	38.82 2.88 0.00	36.00 2.82 0.00
EIGHT_POINT___WT_PWR 323820	22.47 -1.37 -1.79	19.58 -1.10 -2.07	19.66 -1.09 -1.60	17.74 -0.90 -2.00	20.54 -1.11 -1.48	27.02 -1.45 0.00	32.22 -2.06 0.00	37.91 -2.07 -0.16	46.10 -2.15 -8.40	52.03 -1.92 -15.52	39.01 -1.99 -3.40	34.52 -2.27 -0.10	34.51 -2.19 -0.16	35.32 -2.05 -0.16	35.87 -2.09 0.00	37.38 -2.09 0.00	39.22 -2.19 -0.16	51.82 -1.95 -8.30	46.70 -2.00 0.00	50.59 -1.84 0.00	49.47 -1.69 0.00	44.90 -1.15 0.00	35.34 -0.61 0.00	33.02 -0.17 0.00
ELBRIDGE_115KV_TB2 80188	22.64 -0.24 -0.83	19.38 -0.19 -0.96	19.68 -0.21 -0.74	17.38 -0.18 -0.92	20.62 -0.22 -0.69	28.05 -0.43 0.00	33.66 -0.62 0.00	38.99 -0.84 0.00	38.98 -0.88 0.00	37.70 -0.73 0.00	36.85 -0.75 0.00	35.99 -0.70 0.00	35.88 -0.66 0.00	36.57 -0.63 0.00	37.32 -0.65 0.00	38.76 -0.71 0.00	40.50 -0.74 0.00	44.56 -0.91 0.00	47.82 -0.88 0.00	51.48 -0.94 0.00	50.24 -0.92 0.00	45.27 -0.78 0.00	35.44 -0.50 0.00	32.82 -0.36 0.00
ELEC_TRO_TEK 24086	45.03 2.27 -20.70	38.62 1.92 -18.09	34.64 1.95 -13.54	30.20 1.70 -11.87	33.29 2.10 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	49.57 3.87 -5.85	52.54 3.65 -10.46	61.28 3.08 -20.59	62.32 2.94 -22.69	65.08 2.92 -25.61	67.58 2.98 -27.40	69.92 3.00 -28.96	68.84 3.12 -26.25	67.37 3.34 -22.79	99.11 3.73 -49.91	69.08 3.55 -16.83	70.19 3.83 -13.94	66.24 3.73 -11.35	70.21 3.27 -20.89	49.22 3.09 -10.19	42.90 3.32 -6.40
ELLENBURG_WT_PWR 323604	21.50 -0.55 0.00	18.12 -0.48 0.00	18.69 -0.46 0.00	16.27 -0.37 0.00	19.78 -0.38 0.00	28.07 -0.40 0.00	34.31 0.03 0.00	39.90 0.08 0.00	39.93 0.08 0.00	38.54 0.12 0.00	37.76 0.15 0.00	36.84 0.15 0.00	36.69 0.15 0.00	37.28 0.07 0.00	37.96 0.00 0.00	39.51 0.04 0.00	41.28 0.04 0.00	45.47 0.00 0.00	48.84 0.15 0.00	52.58 0.16 0.00	51.26 0.10 0.00	46.05 0.00 0.00	35.66 -0.29 0.00	32.55 -0.63 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.15 -1.30 -1.40	19.14 -1.10 -1.63	19.27 -1.13 -1.25	17.24 -0.97 -1.57	20.05 -1.27 -1.16	26.48 -1.99 0.00	31.54 -2.74 0.00	36.58 -3.19 0.05	34.16 -3.15 2.55	30.93 -2.81 4.69	33.67 -2.90 1.05	33.54 -3.12 0.03	33.46 -3.03 0.05	34.14 -3.01 0.05	34.81 -3.15 0.00	36.27 -3.20 0.00	37.69 -3.51 0.05	39.72 -3.64 2.12	44.75 -3.94 0.00	48.28 -4.14 0.00	47.42 -3.73 0.00	43.01 -3.04 0.00	34.11 -1.83 0.00	31.79 -1.39 0.00
EMPIRE_CC_1 323656	33.13 0.75 -10.32	31.23 0.65 -11.97	29.04 0.67 -9.22	28.79 0.60 -11.55	29.40 0.66 -8.58	29.41 0.94 0.00	35.03 0.75 0.00	28.69 1.03 12.17	36.77 0.88 3.96	39.08 0.65 0.00	37.57 0.68 0.72	35.69 0.73 1.74	36.86 0.69 0.37	36.82 0.74 1.13	38.65 0.68 0.00	40.12 0.75 0.10	38.32 0.78 3.71	46.47 1.00 0.00	49.62 0.92 0.00	53.37 0.94 0.00	52.13 0.97 0.00	46.88 0.83 0.00	36.85 0.90 0.00	34.34 1.16 0.00
EMPIRE_CC_2 323658	33.13 0.75 -10.32	31.23 0.65 -11.97	29.04 0.67 -9.22	28.79 0.60 -11.55	29.40 0.66 -8.58	29.41 0.94 0.00	35.03 0.75 0.00	28.69 1.03 12.17	36.77 0.88 3.96	39.08 0.65 0.00	37.57 0.68 0.72	35.69 0.73 1.74	36.86 0.69 0.37	36.82 0.74 1.13	38.65 0.68 0.00	40.12 0.75 0.10	38.32 0.78 3.71	46.47 1.00 0.00	49.62 0.92 0.00	53.37 0.94 0.00	52.13 0.97 0.00	46.88 0.83 0.00	36.85 0.90 0.00	34.34 1.16 0.00
ENORWICH_115KV_TB1 80156	25.74 1.01 -2.67	22.58 0.87 -3.10	22.44 0.90 -2.39	20.33 0.70 -2.99	23.29 0.91 -2.22	29.95 1.48 0.00	35.86 1.58 0.00	41.78 1.95 -0.01	42.29 1.99 -0.45	41.03 1.77 -0.83	39.48 1.69 -0.18	38.09 1.39 -0.01	37.83 1.28 -0.01	38.51 1.30 -0.01	39.52 1.56 0.00	40.97 1.50 0.00	43.07 1.81 -0.01	48.29 2.36 -0.46	51.37 2.68 0.00	55.62 3.20 0.00	54.23 3.07 0.00	49.18 3.13 0.00	38.50 2.55 0.00	35.44 2.26 0.00
ERIE_ST__34_KV_TB1-2 80199	21.99 -1.52 -1.46	19.01 -1.28 -1.69	19.15 -1.30 -1.30	17.14 -1.13 -1.63	19.92 -1.45 -1.21	26.76 -1.71 0.00	31.91 -2.37 0.00	37.91 -1.87 0.04	35.84 -1.83 2.18	32.90 -1.50 4.03	35.06 -1.65 0.89	34.10 -2.57 0.03	33.87 -2.63 0.04	34.81 -2.34 0.04	35.30 -2.66 0.00	36.79 -2.68 0.00	38.27 -2.93 0.04	41.37 -2.23 1.87	45.39 -3.31 0.00	49.01 -3.41 0.00	48.09 -3.07 0.00	43.61 -2.44 0.00	34.54 -1.40 0.00	32.22 -0.96 0.00
ERIE_WT_PWR 323693	22.06 -1.43 -1.44	19.16 -1.12 -1.67	19.29 -1.15 -1.28	17.27 -0.98 -1.61	20.08 -1.27 -1.19	26.79 -1.68 0.00	31.71 -2.57 0.00	36.98 -2.79 0.05	34.60 -2.79 2.46	31.47 -2.42 4.54	34.04 -2.56 1.01	33.72 -2.94 0.03	33.64 -2.85 0.05	34.36 -2.79 0.05	35.00 -2.96 0.00	36.47 -3.00 0.00	37.89 -3.30 0.05	40.07 -3.27 2.13	44.99 -3.70 0.00	48.60 -3.82 0.00	47.53 -3.63 0.00	43.24 -2.81 0.00	34.33 -1.62 0.00	31.95 -1.23 0.00
ESPRGFLD_115KV_TB1 80157	23.22 1.61 0.44	19.43 1.34 0.52	20.13 1.38 0.40	17.31 1.16 0.50	21.24 1.45 0.37	30.61 2.14 0.00	36.54 2.26 0.00	43.24 2.75 -0.67	42.90 2.83 -0.22	41.04 2.61 0.00	40.24 2.59 -0.04	39.25 2.46 -0.10	38.94 2.38 -0.02	39.72 2.46 -0.06	40.54 2.58 0.00	41.92 2.45 -0.01	44.05 2.60 -0.20	48.52 3.05 0.00	52.01 3.31 0.00	56.20 3.77 0.00	54.79 3.63 0.00	49.55 3.50 0.00	38.79 2.84 0.00	35.84 2.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.31 0.31 -1.95	21.14 0.28 -2.26	21.16 0.27 -1.74	19.05 0.23 -2.18	22.06 0.28 -1.62	28.84 0.37 0.00	34.59 0.31 0.00	40.27 0.44 -0.01	40.97 0.36 -0.75	40.21 0.38 -1.39	38.21 0.30 -0.31	36.88 0.18 -0.01	36.74 0.18 -0.01	37.48 0.26 -0.01	38.23 0.27 0.00	39.75 0.28 0.00	41.59 0.33 -0.01	46.73 0.50 -0.76	49.33 0.63 0.00	53.21 0.79 0.00	51.87 0.72 0.00	46.79 0.74 0.00	36.63 0.68 0.00	33.88 0.70 0.00
ETNA____115KV_TB2 80207	24.31 0.31 -1.95	21.14 0.28 -2.26	21.16 0.27 -1.74	19.05 0.23 -2.18	22.06 0.28 -1.62	28.84 0.37 0.00	34.59 0.31 0.00	40.27 0.44 -0.01	40.97 0.36 -0.75	40.21 0.38 -1.39	38.21 0.30 -0.31	36.88 0.18 -0.01	36.74 0.18 -0.01	37.48 0.26 -0.01	38.23 0.27 0.00	39.75 0.28 0.00	41.59 0.33 -0.01	46.73 0.50 -0.76	49.33 0.63 0.00	53.21 0.79 0.00	51.87 0.72 0.00	46.79 0.74 0.00	36.63 0.68 0.00	33.88 0.70 0.00
EUCLID__115KV_TB2 356179	22.56 -0.22 -0.72	19.26 -0.19 -0.84	19.60 -0.19 -0.65	17.28 -0.17 -0.81	20.54 -0.22 -0.60	28.05 -0.43 0.00	33.66 -0.62 0.00	39.15 -0.68 0.00	39.14 -0.72 0.00	37.85 -0.58 0.00	37.04 -0.56 0.00	36.18 -0.51 0.00	36.07 -0.48 0.00	36.76 -0.45 0.00	37.51 -0.46 0.00	38.96 -0.51 0.00	40.71 -0.54 0.00	44.79 -0.68 0.00	48.01 -0.68 0.00	51.69 -0.73 0.00	50.44 -0.72 0.00	45.45 -0.60 0.00	35.59 -0.36 0.00	32.95 -0.23 0.00
E_CANADA_CAP_HY 24051	36.53 2.01 -12.47	34.72 1.66 -14.46	32.01 1.72 -11.13	32.07 1.48 -13.95	32.33 1.82 -10.36	31.12 2.65 0.00	37.02 2.74 0.00	44.03 3.30 -0.91	43.42 3.27 -0.30	41.35 2.92 0.00	40.56 2.90 -0.05	39.69 2.86 -0.13	39.31 2.74 -0.03	40.15 2.86 -0.08	40.96 3.00 0.00	42.20 2.72 -0.01	44.45 2.93 -0.28	48.92 3.45 0.00	52.54 3.85 0.00	56.98 4.56 0.00	55.50 4.35 0.00	50.28 4.23 0.00	39.43 3.49 0.00	36.40 3.22 0.00
E_CANADA_MHWK_HY 24050	21.13 -0.93 0.00	17.83 -0.78 0.00	18.35 -0.80 0.00	15.91 -0.73 0.00	19.29 -0.87 0.00	27.28 -1.19 0.00	32.74 -1.54 0.00	38.03 -1.79 0.00	38.06 -1.79 0.00	36.66 -1.77 0.00	35.88 -1.73 0.00	35.04 -1.65 0.00	34.86 -1.68 0.00	35.49 -1.71 0.00	36.29 -1.67 0.00	37.74 -1.74 0.00	39.43 -1.81 0.00	43.47 -2.00 0.00	46.55 -2.14 0.00	50.17 -2.25 0.00	48.91 -2.25 0.00	44.02 -2.03 0.00	34.44 -1.51 0.00	31.85 -1.33 0.00
E_FISHKILL__LBMP 23776	32.22 1.61 -8.55	29.90 1.38 -9.92	28.17 1.38 -7.64	27.42 1.21 -9.57	28.76 1.49 -7.11	30.44 1.96 0.00	36.20 1.92 0.00	42.33 2.51 0.00	42.52 2.67 0.00	41.00 2.57 0.00	40.01 2.41 0.00	38.97 2.27 0.00	38.81 2.27 0.00	39.51 2.31 0.00	40.32 2.35 0.00	41.92 2.45 0.00	43.84 2.60 0.00	48.38 2.91 0.00	51.42 2.73 0.00	55.36 2.94 0.00	54.02 2.86 0.00	48.54 2.49 0.00	38.18 2.23 0.00	35.50 2.32 0.00
FALCON__SEABRD_CC1 323796	21.68 -0.38 0.00	18.27 -0.33 0.00	18.84 -0.31 0.00	16.41 -0.23 0.00	19.94 -0.22 0.00	28.30 -0.17 0.00	34.59 0.31 0.00	40.26 0.44 0.00	40.29 0.44 0.00	38.89 0.46 0.00	38.13 0.53 0.00	37.17 0.48 0.00	37.02 0.47 0.00	37.61 0.41 0.00	38.30 0.34 0.00	39.87 0.39 0.00	41.66 0.41 0.00	45.88 0.41 0.00	49.33 0.63 0.00	53.10 0.68 0.00	51.72 0.56 0.00	46.46 0.41 0.00	35.98 0.04 0.00	32.82 -0.36 0.00
FALCON__SEABRD_CC2 323797	21.68 -0.38 0.00	18.27 -0.33 0.00	18.84 -0.31 0.00	16.41 -0.23 0.00	19.94 -0.22 0.00	28.30 -0.17 0.00	34.59 0.31 0.00	40.26 0.44 0.00	40.29 0.44 0.00	38.89 0.46 0.00	38.13 0.53 0.00	37.17 0.48 0.00	37.02 0.47 0.00	37.61 0.41 0.00	38.30 0.34 0.00	39.87 0.39 0.00	41.66 0.41 0.00	45.88 0.41 0.00	49.33 0.63 0.00	53.10 0.68 0.00	51.72 0.56 0.00	46.46 0.41 0.00	35.98 0.04 0.00	32.82 -0.36 0.00

FAR ROCKAWAY___4 23548	45.27 2.51 -20.70	38.82 2.12 -18.09	34.85 2.16 -13.54	30.39 1.88 -11.87	33.51 2.32 -11.03	38.02 3.10 -6.45	45.60 3.26 -8.06	47.06 4.18 -3.05	49.52 4.30 -5.36	52.13 4.11 -9.58	60.04 3.57 -18.86	60.92 3.45 -20.78	63.44 3.43 -23.46	65.80 3.50 -25.10	68.02 3.53 -26.53	67.19 3.67 -24.04	66.04 3.92 -20.87	95.55 4.37 -45.71	68.35 4.24 -15.42	69.75 4.56 -12.77	66.05 4.50 -10.40	69.10 3.91 -19.14	48.87 3.59 -9.33	43.32 3.75 -6.39
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.46 2.01 -8.39	30.04 1.69 -9.74	28.37 1.72 -7.50	27.51 1.48 -9.39	28.99 1.85 -6.97	30.92 2.45 0.00	36.78 2.50 0.00	43.13 3.31 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.80 3.20 0.00	39.74 3.05 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.07 3.11 0.00	42.71 3.24 0.00	44.67 3.42 0.00	49.24 3.77 0.00	52.25 3.55 0.00	56.20 3.77 0.00	54.84 3.68 0.00	49.27 3.22 0.00	38.71 2.77 0.00	36.10 2.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.46 2.01 -8.39	30.04 1.69 -9.74	28.37 1.72 -7.50	27.51 1.48 -9.39	28.99 1.85 -6.97	30.92 2.45 0.00	36.78 2.50 0.00	43.13 3.31 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.80 3.20 0.00	39.70 3.01 0.00	39.57 3.03 0.00	40.29 3.09 0.00	41.07 3.11 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.20 3.51 0.00	56.20 3.77 0.00	54.84 3.68 0.00	49.27 3.22 0.00	38.71 2.77 0.00	36.10 2.92 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.46 2.01 -8.39	30.04 1.69 -9.74	28.35 1.70 -7.50	27.51 1.48 -9.39	28.97 1.83 -6.97	30.89 2.42 0.00	36.75 2.47 0.00	43.09 3.27 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.80 3.20 0.00	39.70 3.01 0.00	39.57 3.03 0.00	40.25 3.05 0.00	41.07 3.11 0.00	42.67 3.20 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.20 3.51 0.00	56.14 3.72 0.00	54.84 3.68 0.00	49.27 3.22 0.00	38.71 2.77 0.00	36.10 2.92 0.00
FARRAGUT___LBMP 323566	32.43 1.98 -8.39	30.02 1.67 -9.74	28.35 1.70 -7.50	27.50 1.46 -9.39	28.95 1.81 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.05 3.23 0.00	43.32 3.47 0.00	41.81 3.38 0.00	40.76 3.16 0.00	39.66 2.97 0.00	39.54 3.00 0.00	40.22 3.01 0.00	41.04 3.07 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.07 2.89 0.00
FENNER___WINDPWR 24204	23.42 0.31 -1.05	20.11 0.28 -1.22	20.38 0.29 -0.94	18.03 0.22 -1.18	21.32 0.28 -0.88	28.90 0.43 0.00	34.66 0.38 0.00	40.42 0.60 0.00	40.45 0.60 0.00	39.01 0.58 0.00	38.17 0.56 0.00	37.17 0.48 0.00	37.02 0.47 0.00	37.69 0.48 0.00	38.53 0.57 0.00	39.95 0.48 0.00	41.74 0.50 0.00	46.11 0.64 0.00	49.43 0.73 0.00	53.26 0.84 0.00	51.92 0.77 0.00	46.88 0.83 0.00	36.67 0.72 0.00	33.84 0.66 0.00
FIBERTEK___ENERGY 23856	22.77 -0.09 -0.80	19.47 -0.07 -0.93	19.79 -0.08 -0.72	17.47 -0.07 -0.90	20.73 -0.10 -0.67	28.25 -0.23 0.00	33.90 -0.38 0.00	39.30 -0.52 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.23 -0.38 0.00	36.36 -0.33 0.00	36.29 -0.26 0.00	36.94 -0.26 0.00	37.70 -0.27 0.00	39.16 -0.32 0.00	40.91 -0.33 0.00	45.02 -0.45 0.00	48.31 -0.39 0.00	51.95 -0.47 0.00	50.70 -0.46 0.00	45.68 -0.37 0.00	35.73 -0.22 0.00	33.08 -0.10 0.00
FITZPATRICK___ 23598	21.99 -0.55 -0.49	18.71 -0.46 -0.56	19.11 -0.48 -0.43	16.77 -0.42 -0.54	20.06 -0.50 -0.40	27.68 -0.80 0.00	33.22 -1.06 0.00	38.39 -1.43 0.00	38.42 -1.43 0.00	37.08 -1.35 0.00	36.29 -1.32 0.00	35.44 -1.25 0.00	35.30 -1.24 0.00	35.98 -1.23 0.00	36.71 -1.25 0.00	38.17 -1.30 0.00	39.84 -1.40 0.00	43.88 -1.59 0.00	47.04 -1.66 0.00	50.64 -1.78 0.00	49.42 -1.74 0.00	44.53 -1.52 0.00	34.87 -1.08 0.00	32.29 -0.89 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.23 1.79 -8.39	29.85 1.51 -9.73	28.16 1.51 -7.49	27.36 1.33 -9.39	28.76 1.63 -6.97	30.64 2.16 0.00	36.44 2.16 0.00	42.69 2.87 0.00	42.92 3.07 0.00	41.31 2.88 0.00	40.28 2.67 0.00	39.22 2.53 0.00	39.06 2.52 0.00	39.77 2.57 0.00	40.58 2.62 0.00	42.16 2.68 0.00	44.17 2.93 0.00	48.74 3.27 0.00	51.91 3.21 0.00	55.93 3.51 0.00	54.58 3.43 0.00	49.00 2.95 0.00	38.57 2.62 0.00	35.84 2.65 0.00
FORT ORANGE___ 23900	33.32 0.66 -10.61	31.47 0.56 -12.30	29.20 0.57 -9.47	29.01 0.50 -11.87	29.56 0.58 -8.81	29.30 0.83 0.00	34.90 0.62 0.00	31.08 0.87 9.62	37.47 0.76 3.13	38.97 0.54 0.00	37.60 0.56 0.57	35.94 0.62 1.38	36.80 0.55 0.29	36.90 0.59 0.89	38.57 0.61 0.00	40.03 0.63 0.08	39.01 0.70 2.93	46.38 0.91 0.00	49.52 0.83 0.00	53.31 0.89 0.00	52.02 0.87 0.00	46.78 0.73 0.00	36.88 0.93 0.00	34.24 1.06 0.00
FORT_DRUM_COGEN 23780	22.08 -0.40 -0.42	18.78 -0.32 -0.49	19.18 -0.34 -0.38	16.71 -0.40 -0.47	20.11 -0.40 -0.35	28.07 -0.40 0.00	33.77 -0.51 0.00	39.22 -0.60 0.00	39.14 -0.72 0.00	37.62 -0.81 0.00	36.89 -0.71 0.00	35.92 -0.77 0.00	35.70 -0.84 0.00	36.35 -0.86 0.00	37.24 -0.72 0.00	38.60 -0.87 0.00	40.29 -0.95 0.00	44.61 -0.86 0.00	48.21 -0.49 0.00	52.27 -0.16 0.00	50.95 -0.20 0.00	46.14 0.09 0.00	35.95 0.00 0.00	32.92 -0.27 0.00
FOX_HILLS___ESR 323835	32.48 2.01 -8.42	30.21 1.84 -9.76	28.57 1.90 -7.52	27.69 1.65 -9.40	29.20 2.06 -6.98	31.12 2.62 -0.02	36.78 2.47 -0.03	42.96 3.11 -0.03	43.26 3.35 -0.06	50.21 3.30 -8.47	50.80 3.12 -10.07	52.24 2.97 -12.58	52.25 3.00 -12.72	51.83 3.01 -11.62	52.34 3.07 -11.31	53.40 3.20 -10.73	53.26 3.34 -8.68	50.25 3.73 -1.05	52.25 3.55 0.00	56.20 3.77 0.00	54.79 3.63 0.00	49.24 3.13 -0.06	38.63 2.62 -0.06	35.99 2.75 -0.06
FPL_FAR_ROCK_GT1 24212	45.27 2.51 -20.70	38.82 2.12 -18.09	34.85 2.16 -13.54	30.39 1.88 -11.87	33.51 2.32 -11.03	37.99 3.08 -6.45	45.60 3.26 -8.06	47.06 4.18 -3.05	49.52 4.31 -5.36	52.13 4.11 -9.58	60.04 3.57 -18.86	60.81 3.34 -20.78	63.43 3.43 -23.46	65.80 3.50 -25.10	68.02 3.53 -26.53	67.19 3.67 -24.04	65.99 3.88 -20.87	95.55 4.37 -45.71	68.35 4.23 -15.42	69.75 4.56 -12.77	66.10 4.55 -10.40	69.10 3.91 -19.14	48.87 3.59 -9.33	43.31 3.75 -6.39
FPL_FAR_ROCK_GT2 23815	45.27 2.51 -20.70	38.82 2.12 -18.09	34.85 2.16 -13.54	30.39 1.88 -11.87	33.51 2.32 -11.03	37.99 3.08 -6.45	45.60 3.26 -8.06	47.06 4.18 -3.05	49.52 4.31 -5.36	52.13 4.11 -9.58	60.04 3.57 -18.86	60.81 3.34 -20.78	63.43 3.43 -23.46	65.80 3.50 -25.10	68.02 3.53 -26.53	67.19 3.67 -24.04	65.99 3.88 -20.87	95.55 4.37 -45.71	68.35 4.23 -15.42	69.75 4.56 -12.77	66.10 4.55 -10.40	69.10 3.91 -19.14	48.87 3.59 -9.33	43.31 3.75 -6.39
FRANKLIN_FALL_HYD 24054	21.46 -0.60 0.00	18.11 -0.50 0.00	18.65 -0.50 0.00	16.22 -0.42 0.00	19.70 -0.46 0.00	27.99 -0.48 0.00	34.35 0.07 0.00	40.02 0.20 0.00	40.01 0.16 0.00	38.62 0.19 0.00	37.87 0.26 0.00	36.91 0.22 0.00	36.80 0.26 0.00	37.35 0.15 0.00	38.04 0.08 0.00	39.63 0.16 0.00	41.37 0.12 0.00	45.61 0.14 0.00	49.04 0.34 0.00	52.84 0.42 0.00	51.46 0.31 0.00	46.23 0.18 0.00	35.77 -0.18 0.00	32.52 -0.66 0.00

FREPORT_EQUUS_GT1 23764	45.16 2.40 -20.70	38.73 2.03 -18.09	34.76 2.07 -13.54	30.30 1.80 -11.87	33.41 2.22 -11.03	37.85 2.93 -6.45	45.46 3.12 -8.06	46.86 3.98 -3.05	48.41 4.11 -4.45	50.26 3.88 -7.96	56.38 3.12 -15.66	56.80 2.86 -17.25	58.97 2.96 -19.47	61.05 3.01 -20.83	63.02 3.04 -22.02	62.59 3.16 -19.95	61.95 3.38 -17.32	87.27 3.86 -37.94	65.19 3.70 -12.80	67.00 3.98 -10.60	63.78 3.99 -8.63	65.53 3.59 -15.88	47.03 3.34 -7.74	43.09 3.55 -6.36
FREEPORT___CT2 23818	45.16 2.40 -20.70	38.73 2.03 -18.09	34.76 2.07 -13.54	30.30 1.80 -11.87	33.41 2.22 -11.03	37.85 2.93 -6.45	45.46 3.12 -8.06	46.86 3.98 -3.05	48.41 4.11 -4.45	50.26 3.88 -7.96	56.38 3.12 -15.66	56.80 2.86 -17.25	58.97 2.96 -19.47	61.05 3.01 -20.83	63.02 3.04 -22.02	62.59 3.16 -19.95	61.95 3.38 -17.32	87.27 3.86 -37.94	65.19 3.70 -12.80	67.00 3.98 -10.60	63.78 3.99 -8.63	65.53 3.59 -15.88	47.03 3.34 -7.74	43.09 3.55 -6.36
FRESHKLS_33_KV_LOAD 356253	32.48 2.01 -8.42	30.27 1.90 -9.76	28.64 1.97 -7.52	27.76 1.71 -9.40	29.28 2.14 -6.98	31.23 2.73 -0.02	36.81 2.50 -0.03	42.88 3.03 -0.03	43.13 3.23 -0.05	47.13 3.19 -5.51	47.16 3.01 -6.55	47.73 2.86 -8.17	47.69 2.89 -8.26	47.66 2.90 -7.55	48.27 2.96 -7.35	49.53 3.08 -6.98	50.15 3.26 -5.64	49.80 3.64 -0.69	52.25 3.55 0.00	56.14 3.72 0.00	54.79 3.63 0.00	49.13 3.04 -0.05	38.51 2.52 -0.05	35.88 2.65 -0.05
FULTON COGEN____ 23766	22.32 -0.37 -0.64	19.06 -0.30 -0.75	19.42 -0.31 -0.57	17.08 -0.28 -0.72	20.35 -0.34 -0.53	27.87 -0.60 0.00	33.46 -0.82 0.00	38.79 -1.04 0.00	38.78 -1.08 0.00	37.51 -0.92 0.00	36.70 -0.90 0.00	35.85 -0.84 0.00	35.74 -0.80 0.00	36.38 -0.82 0.00	37.16 -0.80 0.00	38.60 -0.87 0.00	40.34 -0.91 0.00	44.38 -1.09 0.00	47.63 -1.07 0.00	51.27 -1.15 0.00	49.98 -1.18 0.00	45.04 -1.01 0.00	35.26 -0.68 0.00	32.65 -0.53 0.00
FULTON___LFGE 323630	35.71 1.83 -11.83	33.83 1.51 -13.71	31.28 1.57 -10.56	31.22 1.35 -13.23	31.64 1.65 -9.82	30.89 2.42 0.00	36.78 2.50 0.00	43.90 3.07 -1.01	43.17 2.99 -0.33	41.04 2.61 0.00	40.30 2.63 -0.06	39.40 2.57 -0.14	39.02 2.45 -0.03	39.86 2.57 -0.09	40.66 2.70 0.00	42.04 2.56 -0.01	44.31 2.76 -0.31	48.70 3.23 0.00	52.30 3.60 0.00	56.67 4.24 0.00	55.20 4.04 0.00	49.87 3.82 0.00	39.11 3.16 0.00	36.13 2.95 0.00
G.F.CEMENT___DRP 24184	34.30 1.32 -10.92	32.31 1.04 -12.66	30.03 1.13 -9.75	29.81 0.95 -12.22	30.38 1.15 -9.07	30.18 1.71 0.00	35.93 1.65 0.00	49.24 2.19 -7.23	44.32 2.11 -2.36	40.12 1.69 0.00	39.84 1.81 -0.43	39.56 1.83 -1.03	38.44 1.68 -0.22	39.70 1.82 -0.67	39.94 1.97 0.00	41.46 1.93 -0.06	45.63 2.19 -2.20	47.93 2.46 0.00	51.33 2.63 0.00	55.52 3.09 0.00	54.02 2.86 0.00	48.58 2.53 0.00	38.18 2.23 0.00	35.30 2.12 0.00
GARDENVILLE___LBMP 24039	22.14 -1.35 -1.43	19.13 -1.14 -1.66	19.26 -1.17 -1.28	17.24 -1.00 -1.60	20.06 -1.29 -1.19	26.54 -1.94 0.00	31.64 -2.64 0.00	36.86 -2.91 0.06	34.09 -2.91 2.85	30.59 -2.57 5.26	33.77 -2.67 1.17	33.65 -3.01 0.04	33.56 -2.92 0.06	34.28 -2.86 0.06	34.92 -3.04 0.00	36.39 -3.08 0.00	37.85 -3.34 0.06	39.62 -3.36 2.49	44.95 -3.75 0.00	48.49 -3.93 0.00	47.63 -3.53 0.00	43.19 -2.86 0.00	34.22 -1.73 0.00	31.89 -1.29 0.00
GARDNVLA_35_KV_LD 355827	22.19 -1.30 -1.44	19.18 -1.10 -1.67	19.31 -1.13 -1.29	17.27 -0.98 -1.61	20.09 -1.27 -1.20	26.59 -1.88 0.00	31.71 -2.57 0.00	37.03 -2.75 0.05	34.79 -2.75 2.32	31.78 -2.38 4.27	34.14 -2.52 0.95	33.76 -2.90 0.03	33.68 -2.81 0.05	34.40 -2.75 0.05	35.04 -2.92 0.00	36.51 -2.96 0.00	37.94 -3.26 0.05	40.30 -3.18 1.99	45.04 -3.65 0.00	48.65 -3.77 0.00	47.73 -3.43 0.00	43.29 -2.76 0.00	34.33 -1.62 0.00	31.99 -1.19 0.00
GELCKHM___115KV_LOAD 80723	22.63 -0.18 -0.75	19.33 -0.15 -0.87	19.67 -0.15 -0.67	17.34 -0.13 -0.84	20.60 -0.18 -0.62	28.10 -0.37 0.00	33.73 -0.55 0.00	39.18 -0.64 0.00	39.22 -0.64 0.00	37.93 -0.50 0.00	37.12 -0.49 0.00	36.25 -0.44 0.00	36.14 -0.40 0.00	36.83 -0.37 0.00	37.58 -0.38 0.00	39.04 -0.43 0.00	40.79 -0.45 0.00	44.88 -0.59 0.00	48.11 -0.58 0.00	51.79 -0.63 0.00	50.49 -0.67 0.00	45.50 -0.55 0.00	35.66 -0.29 0.00	33.02 -0.17 0.00
GENERAL___MILLS 23808	22.17 -1.32 -1.44	19.14 -1.14 -1.67	19.29 -1.15 -1.28	17.25 -1.00 -1.61	20.06 -1.29 -1.19	26.57 -1.91 0.00	31.67 -2.61 0.00	36.94 -2.83 0.05	34.60 -2.79 2.46	31.43 -2.46 4.54	34.04 -2.56 1.01	33.69 -2.97 0.03	33.60 -2.89 0.05	34.36 -2.79 0.05	35.00 -2.96 0.00	36.43 -3.04 0.00	37.89 -3.30 0.05	40.12 -3.23 2.13	45.00 -3.70 0.00	48.54 -3.88 0.00	47.68 -3.48 0.00	43.24 -2.81 0.00	34.29 -1.65 0.00	31.95 -1.23 0.00
GE_PLASTICS___DRP 24183	33.23 0.64 -10.54	31.37 0.54 -12.22	29.12 0.56 -9.41	28.91 0.48 -11.79	29.50 0.58 -8.75	29.30 0.83 0.00	34.93 0.65 0.00	34.51 0.88 6.19	38.67 0.84 2.02	39.08 0.65 0.00	37.92 0.68 0.37	36.50 0.70 0.88	37.01 0.66 0.19	37.34 0.71 0.57	38.65 0.68 0.00	40.13 0.71 0.05	40.14 0.78 1.89	46.38 0.91 0.00	49.52 0.83 0.00	53.31 0.89 0.00	52.03 0.87 0.00	46.79 0.74 0.00	36.85 0.90 0.00	34.21 1.03 0.00
GILBOA___1 23756	31.16 0.75 -8.36	28.95 0.65 -9.70	27.29 0.67 -7.47	26.58 0.58 -9.35	27.81 0.71 -6.95	29.41 0.94 0.00	35.10 0.82 0.00	40.90 1.08 0.00	40.93 1.08 0.00	39.43 1.00 0.00	38.55 0.94 0.00	37.57 0.88 0.00	37.42 0.88 0.00	38.09 0.89 0.00	38.87 0.91 0.00	40.42 0.95 0.00	42.23 0.99 0.00	46.65 1.18 0.00	49.77 1.07 0.00	53.57 1.15 0.00	52.33 1.18 0.00	47.06 1.01 0.00	36.95 1.01 0.00	34.34 1.16 0.00
GILBOA___2 23757	31.16 0.75 -8.36	28.95 0.65 -9.70	27.29 0.67 -7.47	26.58 0.58 -9.35	27.81 0.71 -6.95	29.41 0.94 0.00	35.10 0.82 0.00	40.90 1.08 0.00	40.93 1.08 0.00	39.43 1.00 0.00	38.55 0.94 0.00	37.57 0.88 0.00	37.42 0.88 0.00	38.09 0.89 0.00	38.87 0.91 0.00	40.42 0.95 0.00	42.23 0.99 0.00	46.65 1.18 0.00	49.77 1.07 0.00	53.57 1.15 0.00	52.33 1.18 0.00	47.06 1.01 0.00	36.95 1.01 0.00	34.34 1.16 0.00
GILBOA___3 23758	31.16 0.75 -8.36	28.95 0.65 -9.70	27.29 0.67 -7.47	26.58 0.58 -9.35	27.81 0.71 -6.95	29.41 0.94 0.00	35.10 0.82 0.00	40.90 1.08 0.00	40.93 1.08 0.00	39.43 1.00 0.00	38.55 0.94 0.00	37.57 0.88 0.00	37.42 0.88 0.00	38.09 0.89 0.00	38.87 0.91 0.00	40.42 0.95 0.00	42.23 0.99 0.00	46.65 1.18 0.00	49.77 1.07 0.00	53.57 1.15 0.00	52.33 1.18 0.00	47.06 1.01 0.00	36.95 1.01 0.00	34.34 1.16 0.00
GILBOA___4 23759	31.16 0.75 -8.36	28.95 0.65 -9.70	27.29 0.67 -7.47	26.58 0.58 -9.35	27.81 0.71 -6.95	29.41 0.94 0.00	35.10 0.82 0.00	40.90 1.08 0.00	40.93 1.08 0.00	39.43 1.00 0.00	38.55 0.94 0.00	37.57 0.88 0.00	37.42 0.88 0.00	38.09 0.89 0.00	38.87 0.91 0.00	40.42 0.95 0.00	42.23 0.99 0.00	46.65 1.18 0.00	49.77 1.07 0.00	53.57 1.15 0.00	52.33 1.18 0.00	47.06 1.01 0.00	36.95 1.01 0.00	34.34 1.16 0.00

GILBOA____ 23599	31.19 0.77 -8.36	28.95 0.65 -9.70	27.29 0.67 -7.47	26.58 0.58 -9.35	27.81 0.71 -6.95	29.41 0.94 0.00	35.10 0.82 0.00	40.90 1.08 0.00	40.93 1.08 0.00	39.39 0.96 0.00	38.55 0.94 0.00	37.57 0.88 0.00	37.42 0.88 0.00	38.10 0.89 0.00	38.87 0.91 0.00	40.42 0.95 0.00	42.27 1.03 0.00	46.65 1.18 0.00	49.77 1.07 0.00	53.58 1.15 0.00	52.33 1.18 0.00	47.06 1.01 0.00	36.95 1.01 0.00	34.34 1.16 0.00
GINNA____ 23603	21.65 -1.41 -1.00	18.64 -1.14 -1.16	18.88 -1.17 -0.90	16.71 -1.05 -1.12	19.68 -1.31 -0.83	26.34 -2.14 0.00	31.50 -2.78 0.00	36.24 -3.58 0.00	36.26 -3.59 0.00	35.15 -3.27 0.01	34.41 -3.20 0.00	33.83 -2.86 0.00	33.73 -2.81 0.00	34.34 -2.86 0.00	35.00 -2.96 0.00	36.47 -3.00 0.00	38.03 -3.22 0.00	41.54 -3.91 0.02	44.99 -3.70 0.00	48.44 -3.99 0.00	47.27 -3.89 0.00	42.78 -3.27 0.00	33.57 -2.37 0.00	31.02 -2.16 0.00
GLEN PARK____ 23778	22.16 -0.33 -0.44	18.86 -0.26 -0.51	19.27 -0.27 -0.39	16.80 -0.33 -0.49	20.18 -0.34 -0.36	28.19 -0.28 0.00	33.90 -0.38 0.00	39.30 -0.52 0.00	39.21 -0.64 0.00	37.70 -0.73 0.00	36.93 -0.68 0.00	35.96 -0.73 0.00	35.74 -0.80 0.00	36.38 -0.82 0.00	37.28 -0.68 0.00	38.64 -0.83 0.00	40.38 -0.87 0.00	44.74 -0.73 0.00	48.36 -0.34 0.00	52.53 0.11 0.00	51.16 0.00 0.00	46.37 0.32 0.00	36.16 0.22 0.00	33.08 -0.10 0.00
GLENDALE_27_KV_LOAD 356172	32.52 2.07 -8.40	30.11 1.77 -9.74	28.47 1.82 -7.50	27.60 1.56 -9.39	29.09 1.96 -6.97	31.01 2.53 0.00	36.85 2.57 0.00	43.17 3.35 0.00	43.48 3.63 0.00	42.04 3.61 0.00	40.99 3.38 0.00	39.92 3.23 0.00	39.79 3.25 0.00	40.51 3.31 0.00	41.30 3.34 0.00	42.95 3.47 0.00	44.87 3.63 0.00	49.52 4.05 0.00	52.45 3.75 0.00	56.41 3.98 0.00	54.99 3.84 0.00	49.46 3.41 0.00	38.82 2.88 0.00	36.17 2.99 0.00
GLENWOOD_IC_1_G5 23712	44.96 2.21 -20.70	38.56 1.86 -18.09	34.57 1.88 -13.54	30.15 1.65 -11.87	33.21 2.02 -11.03	37.62 2.70 -6.45	45.12 2.78 -8.06	46.50 3.62 -3.05	49.41 3.83 -5.73	52.33 3.65 -10.25	61.05 3.27 -20.17	61.92 3.01 -22.22	64.62 3.00 -25.09	67.10 3.05 -26.84	69.41 3.07 -28.37	68.38 3.20 -25.71	66.95 3.38 -22.32	98.13 3.77 -48.89	68.79 3.60 -16.49	69.95 3.88 -13.65	66.06 3.79 -11.12	69.78 3.27 -20.47	49.02 3.09 -9.98	42.83 3.25 -6.40
GLENWOOD_IC_2_G1 23688	44.81 2.05 -20.70	38.43 1.73 -18.09	34.45 1.76 -13.54	30.04 1.53 -11.87	33.09 1.89 -11.03	37.39 2.48 -6.45	44.91 2.57 -8.06	46.22 3.35 -3.05	43.65 3.55 -0.25	42.25 3.38 -0.44	41.52 3.04 -0.87	40.47 2.83 -0.95	40.50 2.89 -1.08	41.29 2.94 -1.15	42.14 2.96 -1.22	43.66 3.08 -1.10	45.42 3.22 -0.96	51.25 3.68 -2.10	52.86 3.46 -0.71	56.73 3.72 -0.59	55.32 3.69 -0.48	50.10 3.17 -0.88	39.21 2.84 -0.43	42.45 3.02 -6.25
GLENWOOD_IC_3_G1 23689	44.81 2.05 -20.70	38.43 1.73 -18.09	34.45 1.76 -13.54	30.04 1.53 -11.87	33.09 1.89 -11.03	37.39 2.48 -6.45	44.91 2.57 -8.06	46.22 3.35 -3.05	43.65 3.55 -0.25	42.25 3.38 -0.44	41.52 3.04 -0.87	40.47 2.83 -0.95	40.50 2.89 -1.08	41.29 2.94 -1.15	42.14 2.96 -1.22	43.66 3.08 -1.10	45.42 3.22 -0.96	51.25 3.68 -2.10	52.86 3.46 -0.71	56.73 3.72 -0.59	55.32 3.69 -0.48	50.10 3.17 -0.88	39.21 2.84 -0.43	42.45 3.02 -6.25
GLENWOOD____4 23550	44.96 2.21 -20.70	38.56 1.86 -18.09	34.57 1.88 -13.54	30.15 1.65 -11.87	33.21 2.02 -11.03	37.62 2.70 -6.45	45.12 2.78 -8.06	46.50 3.62 -3.05	49.41 3.83 -5.73	52.33 3.65 -10.25	61.05 3.27 -20.17	61.96 3.05 -22.22	64.66 3.03 -25.09	67.13 3.09 -26.84	69.48 3.15 -28.37	68.42 3.24 -25.71	66.99 3.42 -22.32	98.18 3.82 -48.89	68.83 3.65 -16.49	70.01 3.93 -13.65	66.11 3.84 -11.12	69.88 3.36 -20.47	49.02 3.09 -9.98	42.83 3.25 -6.40
GLENWOOD____5 23614	44.96 2.21 -20.70	38.56 1.86 -18.09	34.57 1.88 -13.54	30.15 1.65 -11.87	33.21 2.02 -11.03	37.62 2.70 -6.45	45.12 2.78 -8.06	46.50 3.62 -3.05	49.41 3.83 -5.73	52.33 3.65 -10.25	61.05 3.27 -20.17	61.96 3.05 -22.22	64.66 3.03 -25.09	67.13 3.09 -26.84	69.48 3.15 -28.37	68.42 3.24 -25.71	66.99 3.42 -22.32	98.18 3.82 -48.89	68.83 3.65 -16.49	70.01 3.93 -13.65	66.11 3.84 -11.12	69.88 3.36 -20.47	49.02 3.09 -9.98	42.83 3.25 -6.40
GLOBAL GREEN_PORT_GT1 23814	45.76 3.00 -20.70	39.23 2.53 -18.09	35.27 2.58 -13.54	30.75 2.25 -11.87	33.98 2.78 -11.03	38.65 3.73 -6.45	46.42 4.08 -8.06	48.21 5.34 -3.05	48.62 5.46 -3.31	49.38 5.03 -5.92	53.10 3.84 -11.65	53.02 3.49 -12.84	54.61 3.58 -14.49	56.35 3.65 -15.50	58.11 3.76 -16.39	58.27 3.95 -14.85	58.35 4.21 -12.89	78.67 4.96 -28.25	63.00 4.78 -9.53	65.51 5.14 -7.94	62.60 5.02 -6.43	62.26 4.38 -11.83	47.96 3.92 -8.10	43.95 4.38 -6.39
GLOBE____DSASP 323697	21.98 -1.39 -1.31	18.92 -1.21 -1.52	19.10 -1.23 -1.17	17.05 -1.06 -1.47	19.88 -1.37 -1.09	26.00 -2.48 0.00	30.92 -3.36 0.00	35.32 -4.46 0.04	33.48 -4.46 1.91	30.88 -4.04 3.52	32.69 -4.14 0.78	32.67 -4.00 0.02	32.70 -3.80 0.04	33.22 -3.94 0.04	33.94 -4.02 0.00	35.33 -4.14 0.00	36.71 -4.50 0.04	38.53 -5.23 1.71	43.53 -5.16 0.00	46.92 -5.50 0.00	46.09 -5.06 0.00	41.86 -4.19 0.00	33.29 -2.66 0.00	31.06 -2.12 0.00
GOETHSLN____LBMP 323567	32.36 1.92 -8.39	29.94 1.60 -9.73	28.25 1.61 -7.49	27.41 1.38 -9.39	28.87 1.73 -6.97	30.75 2.28 0.00	36.61 2.33 0.00	42.96 3.15 0.00	43.24 3.39 0.01	40.89 3.30 0.84	39.69 3.08 1.00	38.30 2.86 1.25	38.16 2.89 1.26	38.95 2.90 1.15	39.80 2.96 1.12	41.44 3.04 1.07	43.60 3.22 0.86	48.96 3.59 0.10	51.91 3.21 0.00	55.83 3.41 0.00	54.53 3.38 0.00	49.08 3.04 0.01	38.57 2.62 0.01	36.00 2.82 0.01
GOLAH____69_KV_TB 1_2 80279	22.65 -0.46 -1.06	19.44 -0.39 -1.22	19.69 -0.40 -0.94	17.45 -0.37 -1.18	20.53 -0.50 -0.88	27.36 -1.11 0.00	32.81 -1.47 0.00	37.59 -2.23 0.00	37.58 -2.27 0.00	36.35 -2.08 0.00	35.46 -2.14 0.00	34.71 -1.98 0.00	34.71 -1.83 0.00	35.27 -1.93 0.00	35.99 -1.97 0.00	37.54 -1.93 0.00	38.93 -2.31 0.00	42.83 -2.64 0.00	46.51 -2.19 0.00	50.17 -2.25 0.00	49.21 -1.94 0.00	44.48 -1.57 0.00	35.01 -0.93 0.00	32.48 -0.70 0.00
GOODYEAR_LAKE_HYD 323669	25.66 1.12 -2.48	22.43 0.95 -2.88	22.34 0.98 -2.21	20.23 0.82 -2.78	23.25 1.03 -2.06	29.95 1.48 0.00	35.79 1.51 0.00	41.73 1.91 0.00	41.89 2.03 0.00	40.40 1.96 -0.01	39.53 1.92 0.00	38.45 1.76 0.00	38.26 1.72 0.00	38.95 1.75 0.00	39.82 1.86 0.00	41.25 1.78 0.00	43.14 1.90 0.00	47.71 2.23 -0.02	50.99 2.29 0.00	54.99 2.57 0.00	53.61 2.46 0.00	48.40 2.35 0.00	37.92 1.98 0.00	35.07 1.89 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.91 0.07 -2.79	21.90 0.06 -3.24	21.70 0.06 -2.50	19.85 0.08 -3.13	22.56 0.08 -2.32	28.56 0.09 0.00	34.14 -0.14 0.00	39.90 0.08 0.00	39.90 0.04 -0.01	38.60 0.15 -0.02	37.68 0.08 0.00	36.58 -0.11 0.00	36.43 -0.11 0.00	37.17 -0.04 0.00	37.89 -0.08 0.00	39.39 -0.08 0.00	41.16 -0.08 0.00	45.60 0.09 -0.04	48.65 -0.05 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.14 0.09 0.00	36.23 0.29 0.00	33.61 0.43 0.00

GOUDEY___7 23579	24.91 0.07 -2.79	21.90 0.06 -3.24	21.70 0.06 -2.50	19.85 0.08 -3.13	22.56 0.08 -2.32	28.56 0.09 0.00	34.14 -0.14 0.00	39.90 0.08 0.00	39.90 0.04 -0.01	38.60 0.15 -0.02	37.68 0.08 0.00	36.58 -0.11 0.00	36.43 -0.11 0.00	37.17 -0.04 0.00	37.89 -0.08 0.00	39.39 -0.08 0.00	41.16 -0.08 0.00	45.60 0.09 -0.04	48.65 -0.05 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.14 0.09 0.00	36.23 0.29 0.00	33.61 0.43 0.00
GOUDEY___8 23580	24.91 0.07 -2.79	21.90 0.06 -3.24	21.70 0.06 -2.50	19.85 0.08 -3.13	22.56 0.08 -2.32	28.56 0.09 0.00	34.14 -0.14 0.00	39.90 0.08 0.00	39.90 0.04 -0.01	38.60 0.15 -0.02	37.68 0.08 0.00	36.58 -0.11 0.00	36.43 -0.11 0.00	37.17 -0.04 0.00	37.89 -0.08 0.00	39.39 -0.08 0.00	41.16 -0.08 0.00	45.60 0.09 -0.04	48.65 -0.05 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.14 0.09 0.00	36.23 0.29 0.00	33.61 0.43 0.00
GOWANUS_GT1_1 24077	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT1_2 24078	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT1_3 24079	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT1_4 24080	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT1_5 24084	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT1_6 24111	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT1_7 24112	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT1_8 24113	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT2_1 24114	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT2_2 24115	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT2_3 24116	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT2_4 24117	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT2_5 24118	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06

GOWANUS_GT2_6 24119	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT2_7 24120	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT2_8 24121	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT3_1 24122	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT3_2 24123	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT3_3 24124	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT3_4 24125	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT3_5 24126	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT3_6 24127	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT3_7 24128	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT3_8 24129	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT4_1 24130	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT4_2 24131	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT4_3 24132	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT4_4 24133	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06

GOWANUS_GT4_5 24134	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT4_6 24135	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT4_7 24136	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GOWANUS_GT4_8 24137	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GREATVR_69_KV_BK1 356245	45.60 2.84 -20.70	39.08 2.38 -18.09	35.12 2.43 -13.54	30.64 2.13 -11.87	33.79 2.60 -11.03	38.45 3.53 -6.45	46.15 3.81 -8.06	47.69 4.82 -3.05	48.24 4.98 -3.40	49.13 4.61 -6.09	53.31 3.72 -11.98	53.45 3.56 -13.20	54.94 3.51 -14.89	56.75 3.61 -15.94	58.41 3.61 -16.84	58.57 3.83 -15.27	58.62 4.12 -13.25	79.14 4.64 -29.03	63.07 4.58 -9.79	65.49 4.93 -8.14	62.62 4.86 -6.61	62.53 4.33 -12.16	47.15 3.88 -7.32	43.76 4.21 -6.37
GREENBSH_115KV_TB3 55895	33.26 0.60 -10.61	31.42 0.50 -12.30	29.14 0.52 -9.47	28.96 0.45 -11.87	29.50 0.52 -8.81	29.24 0.77 0.00	34.79 0.51 0.00	30.96 0.76 9.62	37.40 0.68 3.13	38.93 0.50 0.00	37.60 0.56 0.57	35.94 0.62 1.38	36.80 0.55 0.29	36.91 0.60 0.89	38.53 0.57 0.00	39.99 0.59 0.08	38.97 0.66 2.93	46.29 0.82 0.00	49.38 0.68 0.00	53.10 0.68 0.00	51.82 0.67 0.00	46.60 0.55 0.00	36.74 0.79 0.00	34.14 0.96 0.00
GREENDGE_115KV_TB5 80291	23.46 -0.29 -1.70	20.35 -0.22 -1.97	20.44 -0.23 -1.52	18.36 -0.18 -1.90	21.33 -0.24 -1.41	28.02 -0.46 0.00	33.63 -0.65 0.00	39.26 -0.64 -0.07	42.77 -0.76 -3.67	44.60 -0.61 -6.78	38.41 -0.68 -1.48	35.93 -0.81 -0.05	35.85 -0.77 -0.07	36.60 -0.67 -0.07	37.24 -0.72 0.00	38.72 -0.75 0.00	40.57 -0.74 -0.07	48.41 -0.68 -3.62	48.11 -0.58 0.00	51.53 -0.89 0.00	50.34 -0.82 0.00	45.77 -0.28 0.00	35.87 -0.07 0.00	33.25 0.07 0.00
GREENIDGE___3 23582	23.46 -0.29 -1.70	20.35 -0.22 -1.97	20.44 -0.23 -1.52	18.36 -0.18 -1.90	21.33 -0.24 -1.41	28.02 -0.46 0.00	33.63 -0.65 0.00	39.26 -0.64 -0.07	42.77 -0.76 -3.67	44.60 -0.61 -6.78	38.41 -0.68 -1.48	35.93 -0.81 -0.05	35.85 -0.77 -0.07	36.60 -0.67 -0.07	37.24 -0.72 0.00	38.72 -0.75 0.00	40.57 -0.74 -0.07	48.41 -0.68 -3.62	48.11 -0.58 0.00	51.53 -0.89 0.00	50.34 -0.82 0.00	45.77 -0.28 0.00	35.87 -0.07 0.00	33.25 0.07 0.00
GREENIDGE___4 23583	23.42 -0.33 -1.70	20.35 -0.22 -1.97	20.44 -0.23 -1.52	18.36 -0.18 -1.90	21.33 -0.24 -1.41	28.10 -0.37 0.00	33.63 -0.65 0.00	39.25 -0.64 -0.07	42.76 -0.76 -3.67	44.60 -0.62 -6.78	38.42 -0.68 -1.48	35.97 -0.77 -0.05	35.84 -0.77 -0.07	36.61 -0.67 -0.07	37.24 -0.72 0.00	38.72 -0.75 0.00	40.53 -0.78 -0.07	48.23 -0.87 -3.62	48.11 -0.58 0.00	51.53 -0.89 0.00	50.29 -0.87 0.00	45.77 -0.27 0.00	35.87 -0.07 0.00	33.21 0.03 0.00
GREENLWN_69_KV_BK 3 55738	45.12 2.36 -20.70	38.69 1.99 -18.09	34.72 2.03 -13.54	30.27 1.76 -11.87	33.37 2.18 -11.03	37.82 2.90 -6.45	45.39 3.05 -8.06	46.62 3.74 -3.05	47.11 3.87 -3.39	48.02 3.54 -6.06	52.27 2.75 -11.92	52.47 2.64 -13.13	54.00 2.63 -14.83	55.74 2.68 -15.86	57.38 2.66 -16.77	57.47 2.80 -15.19	57.45 3.01 -13.19	77.77 3.41 -28.88	61.70 3.26 -9.74	63.94 3.46 -8.05	61.15 3.43 -6.57	61.08 2.95 -12.09	44.38 3.06 -5.38	42.92 3.42 -6.32
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
GRISSOM___SOLAR 323813	35.48 1.72 -11.71	33.60 1.41 -13.58	31.08 1.47 -10.45	30.99 1.25 -13.10	31.44 1.55 -9.73	30.72 2.25 0.00	36.61 2.33 0.00	43.72 2.87 -1.03	42.98 2.79 -0.33	40.85 2.42 0.00	40.11 2.44 -0.06	39.22 2.38 -0.15	38.84 2.27 -0.03	39.68 2.38 -0.10	40.47 2.50 0.00	41.89 2.41 -0.01	44.16 2.60 -0.31	48.52 3.05 0.00	52.05 3.36 0.00	56.36 3.93 0.00	54.89 3.73 0.00	49.55 3.50 0.00	38.86 2.91 0.00	35.93 2.75 0.00
GROVEVILLE___HYD 323602	32.23 1.79 -8.39	29.85 1.51 -9.73	28.16 1.51 -7.49	27.36 1.33 -9.39	28.76 1.63 -6.97	30.64 2.16 0.00	36.44 2.16 0.00	42.69 2.87 0.00	42.92 3.07 0.00	41.31 2.88 0.00	40.28 2.67 0.00	39.22 2.53 0.00	39.06 2.52 0.00	39.77 2.57 0.00	40.58 2.62 0.00	42.16 2.68 0.00	44.17 2.93 0.00	48.74 3.27 0.00	51.91 3.21 0.00	55.93 3.51 0.00	54.58 3.43 0.00	49.00 2.95 0.00	38.57 2.62 0.00	35.84 2.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.77 -0.09 -0.80	19.47 -0.07 -0.93	19.79 -0.08 -0.72	17.47 -0.07 -0.90	20.73 -0.10 -0.67	28.25 -0.23 0.00	33.90 -0.38 0.00	39.30 -0.52 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.23 -0.38 0.00	36.36 -0.33 0.00	36.29 -0.26 0.00	36.94 -0.26 0.00	37.70 -0.27 0.00	39.16 -0.32 0.00	40.91 -0.33 0.00	45.02 -0.45 0.00	48.31 -0.39 0.00	51.95 -0.47 0.00	50.70 -0.46 0.00	45.68 -0.37 0.00	35.73 -0.22 0.00	33.08 -0.10 0.00
HAMLTNNY_34_KV_TB 80303	22.79 -0.11 -0.85	19.50 -0.09 -0.98	19.81 -0.10 -0.76	17.50 -0.08 -0.95	20.74 -0.12 -0.70	28.16 -0.31 0.00	33.80 -0.48 0.00	39.18 -0.64 0.00	39.14 -0.72 0.00	37.89 -0.54 0.00	37.08 -0.53 0.00	36.25 -0.44 0.00	36.14 -0.40 0.00	36.83 -0.37 0.00	37.58 -0.38 0.00	39.00 -0.47 0.00	40.75 -0.49 0.00	44.79 -0.68 0.00	48.11 -0.58 0.00	51.79 -0.63 0.00	50.54 -0.61 0.00	45.54 -0.51 0.00	35.66 -0.29 0.00	33.02 -0.17 0.00

HAMPSHIRE___PAPER_HYD 323593	21.28 -0.99 -0.22	18.03 -0.84 -0.26	18.49 -0.86 -0.20	16.09 -0.80 -0.25	19.42 -0.93 -0.18	27.30 -1.17 0.00	33.28 -1.00 0.00	38.67 -1.16 0.00	38.66 -1.19 0.00	37.20 -1.23 0.00	36.48 -1.13 0.00	35.52 -1.18 0.00	35.34 -1.20 0.00	35.94 -1.27 0.00	36.75 -1.22 0.00	38.21 -1.26 0.00	39.88 -1.36 0.00	43.88 -1.59 0.00	47.28 -1.41 0.00	51.11 -1.31 0.00	49.78 -1.38 0.00	44.94 -1.11 0.00	34.87 -1.08 0.00	31.82 -1.36 0.00
HARDSCRABBLE_WT_PWR 323673	21.24 -0.82 0.00	17.92 -0.69 0.00	18.44 -0.71 0.00	16.01 -0.63 0.00	19.41 -0.75 0.00	27.42 -1.05 0.00	32.91 -1.37 0.00	38.23 -1.59 0.00	38.30 -1.55 0.00	36.89 -1.54 0.00	36.10 -1.51 0.00	35.22 -1.47 0.00	35.04 -1.50 0.00	35.71 -1.49 0.00	36.52 -1.44 0.00	37.93 -1.54 0.00	39.68 -1.57 0.00	43.74 -1.73 0.00	46.85 -1.85 0.00	50.43 -1.99 0.00	49.16 -2.00 0.00	44.30 -1.75 0.00	34.62 -1.33 0.00	32.02 -1.16 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.58 1.70 -7.83	29.12 1.43 -9.08	27.58 1.44 -6.99	26.68 1.28 -8.76	28.24 1.57 -6.51	30.52 2.05 0.00	36.34 2.06 0.00	42.57 2.75 0.00	42.80 2.95 0.00	41.23 2.81 0.00	40.20 2.59 0.00	39.15 2.46 0.00	38.99 2.45 0.00	39.70 2.49 0.00	40.51 2.54 0.00	42.08 2.61 0.00	44.05 2.80 0.00	48.65 3.18 0.00	51.72 3.02 0.00	55.73 3.30 0.00	54.38 3.22 0.00	48.81 2.76 0.00	38.43 2.48 0.00	35.67 2.49 0.00
HARSNRAD_115KV_TB1 81005	21.86 -1.50 -1.30	18.85 -1.27 -1.51	19.01 -1.30 -1.16	16.96 -1.13 -1.46	19.77 -1.47 -1.08	26.08 -2.39 0.00	31.09 -3.19 0.00	35.84 -3.94 0.04	34.05 -3.87 1.94	31.39 -3.46 3.58	33.24 -3.57 0.79	32.96 -3.71 0.02	32.92 -3.58 0.04	33.52 -3.65 0.04	34.20 -3.76 0.00	35.64 -3.83 0.00	37.04 -4.17 0.04	39.04 -4.68 1.75	44.02 -4.67 0.00	47.49 -4.93 0.00	46.65 -4.50 0.00	42.32 -3.73 0.00	33.61 -2.34 0.00	31.29 -1.89 0.00
HARZA MOOSE___RIVER 24016	22.25 -0.09 -0.28	18.88 -0.06 -0.33	19.35 -0.06 -0.25	16.84 -0.12 -0.32	20.29 -0.10 -0.24	28.44 -0.03 0.00	34.21 -0.07 0.00	39.78 -0.04 0.00	39.85 0.00 0.00	38.31 -0.12 0.00	37.57 -0.04 0.00	36.58 -0.11 0.00	36.36 -0.18 0.00	37.02 -0.19 0.00	37.89 -0.08 0.00	39.31 -0.16 0.00	41.12 -0.12 0.00	45.43 -0.05 0.00	48.79 0.10 0.00	52.68 0.26 0.00	51.36 0.20 0.00	46.37 0.32 0.00	36.20 0.25 0.00	33.28 0.10 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.73 -0.13 -0.81	19.43 -0.11 -0.94	19.76 -0.11 -0.72	17.44 -0.10 -0.90	20.71 -0.12 -0.67	28.19 -0.28 0.00	33.80 -0.48 0.00	39.26 -0.56 0.00	39.30 -0.56 0.00	38.01 -0.42 0.00	37.19 -0.41 0.00	36.29 -0.40 0.00	36.21 -0.33 0.00	36.87 -0.33 0.00	37.62 -0.34 0.00	39.12 -0.36 0.00	40.83 -0.41 0.00	44.97 -0.50 0.00	48.21 -0.49 0.00	51.90 -0.52 0.00	50.59 -0.56 0.00	45.59 -0.46 0.00	35.73 -0.22 0.00	33.08 -0.10 0.00
HELLGATE_13_KV_LD 55870	32.52 2.07 -8.40	30.13 1.79 -9.74	28.47 1.82 -7.50	27.60 1.56 -9.39	29.09 1.96 -6.97	31.01 2.53 0.00	36.82 2.54 0.00	43.13 3.31 0.00	43.48 3.63 0.00	42.00 3.57 0.00	40.99 3.38 0.00	39.92 3.23 0.00	39.79 3.25 0.00	40.48 3.27 0.00	41.30 3.34 0.00	42.91 3.43 0.00	44.87 3.63 0.00	49.52 4.05 0.00	52.40 3.70 0.00	56.35 3.93 0.00	54.99 3.84 0.00	49.41 3.36 0.00	38.79 2.84 0.00	36.17 2.99 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.52 2.07 -8.40	30.13 1.79 -9.74	28.47 1.82 -7.50	27.60 1.56 -9.39	29.09 1.96 -6.97	31.01 2.53 0.00	36.82 2.54 0.00	43.13 3.31 0.00	43.48 3.63 0.00	42.00 3.57 0.00	40.99 3.38 0.00	39.92 3.23 0.00	39.79 3.25 0.00	40.48 3.27 0.00	41.30 3.34 0.00	42.91 3.43 0.00	44.87 3.63 0.00	49.52 4.05 0.00	52.40 3.70 0.00	56.35 3.93 0.00	54.99 3.84 0.00	49.41 3.36 0.00	38.79 2.84 0.00	36.17 2.99 0.00
HEMPSTEAD____ 23647	44.96 2.21 -20.70	38.58 1.88 -18.09	34.60 1.91 -13.54	30.17 1.66 -11.87	33.25 2.06 -11.03	37.63 2.71 -6.45	45.19 2.84 -8.06	46.54 3.66 -3.05	48.62 3.83 -4.94	50.88 3.61 -8.84	58.05 3.04 -17.40	58.68 2.83 -19.17	61.06 2.89 -21.63	63.29 2.94 -23.15	65.39 2.96 -24.47	64.73 3.08 -22.17	63.75 3.26 -19.25	91.31 3.68 -42.16	66.42 3.51 -14.22	67.97 3.78 -11.77	64.48 3.73 -9.59	66.97 3.27 -17.65	47.60 3.05 -8.60	42.81 3.25 -6.37
HICKLING___1 23621	23.87 -0.35 -2.16	20.84 -0.28 -2.51	20.80 -0.29 -1.93	18.86 -0.20 -2.42	21.68 -0.28 -1.80	28.05 -0.43 0.00	33.56 -0.72 0.00	39.38 -0.48 -0.03	40.88 -0.60 -1.63	41.06 -0.38 -3.01	37.81 -0.45 -0.66	35.98 -0.73 -0.02	35.88 -0.69 -0.03	36.64 -0.60 -0.03	37.32 -0.65 0.00	38.80 -0.67 0.00	40.57 -0.70 -0.03	46.67 -0.45 -1.65	48.06 -0.63 0.00	51.85 -0.58 0.00	50.64 -0.51 0.00	45.82 -0.23 0.00	36.02 0.07 0.00	33.41 0.23 0.00
HICKLING___2 23622	23.87 -0.35 -2.16	20.84 -0.28 -2.51	20.80 -0.29 -1.93	18.86 -0.20 -2.42	21.68 -0.28 -1.80	28.05 -0.43 0.00	33.56 -0.72 0.00	39.38 -0.48 -0.03	40.88 -0.60 -1.63	41.06 -0.38 -3.01	37.81 -0.45 -0.66	35.98 -0.73 -0.02	35.88 -0.69 -0.03	36.64 -0.60 -0.03	37.32 -0.65 0.00	38.80 -0.67 0.00	40.57 -0.70 -0.03	46.67 -0.45 -1.65	48.06 -0.63 0.00	51.85 -0.58 0.00	50.64 -0.51 0.00	45.82 -0.23 0.00	36.02 0.07 0.00	33.41 0.23 0.00
HIGH FALLS___HY 23754	32.20 1.87 -8.28	29.79 1.58 -9.60	28.13 1.59 -7.39	27.31 1.41 -9.26	28.77 1.73 -6.88	30.72 2.25 0.00	36.58 2.30 0.00	42.09 3.03 0.76	42.87 3.27 0.25	41.46 3.04 0.00	40.31 2.75 0.05	39.11 2.53 0.11	39.08 2.56 0.02	39.74 2.60 0.07	40.62 2.66 0.00	42.23 2.76 0.01	44.02 3.01 0.23	48.93 3.46 0.00	52.15 3.46 0.00	56.25 3.83 0.00	54.89 3.73 0.00	49.23 3.18 0.00	38.75 2.80 0.00	35.94 2.75 0.00
HIGH_RIVER___SOLAR 323847	34.55 1.21 -11.28	32.70 1.00 -13.09	30.26 1.03 -10.08	30.16 0.90 -12.63	30.62 1.09 -9.37	30.01 1.54 0.00	35.79 1.51 0.00	42.75 1.83 -1.09	41.96 1.75 -0.36	39.89 1.46 0.00	39.14 1.47 -0.06	38.28 1.43 -0.16	37.93 1.35 -0.03	38.72 1.41 -0.10	39.44 1.48 0.00	40.90 1.42 -0.01	43.14 1.57 -0.33	47.38 1.91 0.00	50.84 2.14 0.00	54.94 2.52 0.00	53.61 2.46 0.00	48.26 2.21 0.00	37.89 1.94 0.00	35.07 1.89 0.00
HILLBURN___GT 23639	31.72 1.74 -7.92	29.26 1.47 -9.19	27.72 1.49 -7.07	26.83 1.33 -8.86	28.37 1.63 -6.58	30.58 2.11 0.00	36.41 2.13 0.00	42.69 2.87 0.00	42.88 3.03 0.00	41.35 2.92 0.00	40.35 2.74 0.00	39.26 2.57 0.00	39.14 2.59 0.00	39.84 2.64 0.00	40.62 2.66 0.00	42.23 2.76 0.00	44.13 2.89 0.00	48.79 3.32 0.00	51.82 3.12 0.00	55.73 3.30 0.00	54.43 3.28 0.00	48.86 2.81 0.00	38.43 2.48 0.00	35.74 2.56 0.00
HILLSIDE_115KV_TB1 80332	23.86 -0.49 -2.29	20.86 -0.41 -2.66	20.78 -0.42 -2.05	18.89 -0.32 -2.56	21.64 -0.42 -1.90	27.87 -0.60 0.00	33.32 -0.96 0.00	39.09 -0.76 -0.02	40.14 -0.80 -1.09	39.79 -0.65 -2.01	37.33 -0.71 -0.44	35.64 -1.06 -0.01	35.50 -1.06 -0.02	36.29 -0.93 -0.02	36.94 -1.02 0.00	38.41 -1.07 0.00	40.15 -1.11 -0.02	45.72 -0.86 -1.11	47.48 -1.22 0.00	51.16 -1.26 0.00	50.03 -1.13 0.00	45.22 -0.83 0.00	35.55 -0.40 0.00	33.02 -0.17 0.00

HISHELDN_WT_PWR 323625	22.08 -1.52 -1.54	19.19 -1.21 -1.79	19.30 -1.23 -1.38	17.30 -1.07 -1.73	20.09 -1.35 -1.28	26.59 -1.88 0.00	31.54 -2.74 0.00	36.58 -3.11 0.13	30.02 -3.15 6.68	23.29 -2.80 12.34	32.00 -2.89 2.71	33.53 -3.08 0.08	33.41 -3.00 0.13	34.13 -2.94 0.13	34.92 -3.04 0.00	36.39 -3.08 0.00	37.77 -3.34 0.13	35.72 -3.41 6.34	45.09 -3.60 0.00	48.75 -3.67 0.00	47.68 -3.48 0.00	43.33 -2.72 0.00	34.33 -1.62 0.00	31.95 -1.23 0.00
HOLTSVILLE_IC_1 23690	45.40 2.65 -20.70	38.93 2.23 -18.09	34.97 2.28 -13.54	30.50 2.00 -11.87	33.63 2.44 -11.03	38.19 3.27 -6.45	45.87 3.53 -8.06	47.29 4.42 -3.05	47.74 4.58 -3.30	48.57 4.23 -5.91	52.55 3.31 -11.63	52.55 3.04 -12.81	54.11 3.10 -14.46	55.88 3.20 -15.48	57.58 3.27 -16.36	57.65 3.35 -14.82	57.70 3.59 -12.87	77.80 4.14 -28.19	62.20 3.99 -9.51	64.65 4.30 -7.93	61.82 4.24 -6.42	61.59 3.73 -11.81	47.46 3.49 -8.03	43.48 3.91 -6.39
HOLTSVILLE_IC_10 23699	45.51 2.76 -20.70	39.05 2.34 -18.09	35.06 2.37 -13.54	30.59 2.08 -11.87	33.75 2.56 -11.03	38.33 3.42 -6.45	46.05 3.70 -8.06	47.53 4.66 -3.05	48.00 4.82 -3.33	48.88 4.49 -5.95	52.90 3.57 -11.72	52.86 3.26 -12.91	54.47 3.36 -14.57	56.25 3.46 -15.59	57.97 3.53 -16.48	58.03 3.63 -14.93	58.08 3.88 -12.96	78.33 4.46 -28.40	62.67 4.38 -9.59	65.13 4.72 -7.99	62.28 4.65 -6.47	62.00 4.05 -11.90	47.94 3.74 -8.26	43.69 4.11 -6.39
HOLTSVILLE_IC_2 23691	45.40 2.65 -20.70	38.93 2.23 -18.09	34.97 2.28 -13.54	30.50 2.00 -11.87	33.63 2.44 -11.03	38.19 3.27 -6.45	45.87 3.53 -8.06	47.29 4.42 -3.05	47.74 4.58 -3.30	48.57 4.23 -5.91	52.55 3.31 -11.63	52.55 3.04 -12.81	54.11 3.10 -14.46	55.88 3.20 -15.48	57.58 3.27 -16.36	57.65 3.35 -14.82	57.70 3.59 -12.87	77.80 4.14 -28.19	62.20 3.99 -9.51	64.65 4.30 -7.93	61.82 4.24 -6.42	61.59 3.73 -11.81	47.46 3.49 -8.03	43.48 3.91 -6.39
HOLTSVILLE_IC_3 23692	45.40 2.65 -20.70	38.93 2.23 -18.09	34.97 2.28 -13.54	30.50 2.00 -11.87	33.63 2.44 -11.03	38.19 3.27 -6.45	45.87 3.53 -8.06	47.29 4.42 -3.05	47.74 4.58 -3.30	48.57 4.23 -5.91	52.55 3.31 -11.63	52.55 3.04 -12.81	54.11 3.10 -14.46	55.88 3.20 -15.48	57.58 3.27 -16.36	57.65 3.35 -14.82	57.70 3.59 -12.87	77.80 4.14 -28.19	62.20 3.99 -9.51	64.65 4.30 -7.93	61.82 4.24 -6.42	61.59 3.73 -11.81	47.46 3.49 -8.03	43.48 3.91 -6.39
HOLTSVILLE_IC_4 23693	45.40 2.65 -20.70	38.93 2.23 -18.09	34.97 2.28 -13.54	30.50 2.00 -11.87	33.63 2.44 -11.03	38.19 3.27 -6.45	45.87 3.53 -8.06	47.29 4.42 -3.05	47.74 4.58 -3.30	48.57 4.23 -5.91	52.55 3.31 -11.63	52.55 3.04 -12.81	54.11 3.10 -14.46	55.88 3.20 -15.48	57.58 3.27 -16.36	57.65 3.35 -14.82	57.70 3.59 -12.87	77.80 4.14 -28.19	62.20 3.99 -9.51	64.65 4.30 -7.93	61.82 4.24 -6.42	61.59 3.73 -11.81	47.46 3.49 -8.03	43.48 3.91 -6.39
HOLTSVILLE_IC_5 23694	45.40 2.65 -20.70	38.93 2.23 -18.09	34.97 2.28 -13.54	30.50 2.00 -11.87	33.63 2.44 -11.03	38.19 3.27 -6.45	45.87 3.53 -8.06	47.29 4.42 -3.05	47.74 4.58 -3.30	48.57 4.23 -5.91	52.55 3.31 -11.63	52.55 3.04 -12.81	54.11 3.10 -14.46	55.88 3.20 -15.48	57.58 3.27 -16.36	57.65 3.35 -14.82	57.70 3.59 -12.87	77.80 4.14 -28.19	62.20 3.99 -9.51	64.65 4.30 -7.93	61.82 4.24 -6.42	61.59 3.73 -11.81	47.46 3.49 -8.03	43.48 3.91 -6.39
HOLTSVILLE_IC_6 23695	45.51 2.76 -20.70	39.05 2.34 -18.09	35.06 2.37 -13.54	30.59 2.08 -11.87	33.75 2.56 -11.03	38.33 3.42 -6.45	46.05 3.70 -8.06	47.53 4.66 -3.05	48.00 4.82 -3.33	48.88 4.49 -5.95	52.90 3.57 -11.72	52.86 3.26 -12.91	54.47 3.36 -14.57	56.25 3.46 -15.59	57.97 3.53 -16.48	58.03 3.63 -14.93	58.08 3.88 -12.96	78.33 4.46 -28.40	62.67 4.38 -9.59	65.13 4.72 -7.99	62.28 4.65 -6.47	62.00 4.05 -11.90	47.94 3.74 -8.26	43.69 4.11 -6.39
HOLTSVILLE_IC_7 23696	45.51 2.76 -20.70	39.05 2.34 -18.09	35.06 2.37 -13.54	30.59 2.08 -11.87	33.75 2.56 -11.03	38.33 3.42 -6.45	46.05 3.70 -8.06	47.53 4.66 -3.05	48.00 4.82 -3.33	48.88 4.49 -5.95	52.90 3.57 -11.72	52.86 3.26 -12.91	54.47 3.36 -14.57	56.25 3.46 -15.59	57.97 3.53 -16.48	58.03 3.63 -14.93	58.08 3.88 -12.96	78.33 4.46 -28.40	62.67 4.38 -9.59	65.13 4.72 -7.99	62.28 4.65 -6.47	62.00 4.05 -11.90	47.94 3.74 -8.26	43.69 4.11 -6.39
HOLTSVILLE_IC_8 23697	45.51 2.76 -20.70	39.05 2.34 -18.09	35.06 2.37 -13.54	30.59 2.08 -11.87	33.75 2.56 -11.03	38.33 3.42 -6.45	46.05 3.70 -8.06	47.53 4.66 -3.05	48.00 4.82 -3.33	48.88 4.49 -5.95	52.90 3.57 -11.72	52.86 3.26 -12.91	54.47 3.36 -14.57	56.25 3.46 -15.59	57.97 3.53 -16.48	58.03 3.63 -14.93	58.08 3.88 -12.96	78.33 4.46 -28.40	62.67 4.38 -9.59	65.13 4.72 -7.99	62.28 4.65 -6.47	62.00 4.05 -11.90	47.94 3.74 -8.26	43.69 4.11 -6.39
HOLTSVILLE_IC_9 23698	45.51 2.76 -20.70	39.05 2.34 -18.09	35.06 2.37 -13.54	30.59 2.08 -11.87	33.75 2.56 -11.03	38.33 3.42 -6.45	46.05 3.70 -8.06	47.53 4.66 -3.05	48.00 4.82 -3.33	48.88 4.49 -5.95	52.90 3.57 -11.72	52.86 3.26 -12.91	54.47 3.36 -14.57	56.25 3.46 -15.59	57.97 3.53 -16.48	58.03 3.63 -14.93	58.08 3.88 -12.96	78.33 4.46 -28.40	62.67 4.38 -9.59	65.13 4.72 -7.99	62.28 4.65 -6.47	62.00 4.05 -11.90	47.94 3.74 -8.26	43.69 4.11 -6.39
HOMER_HL_115KV_TB2 355744	22.13 -1.54 -1.62	19.18 -1.30 -1.88	19.27 -1.32 -1.44	17.35 -1.10 -1.81	20.11 -1.39 -1.34	27.16 -1.31 0.00	32.39 -1.89 0.00	39.05 -0.76 0.01	38.47 -0.84 0.54	36.82 -0.61 0.99	36.59 -0.79 0.23	34.59 -2.09 0.01	34.30 -2.23 0.01	35.37 -1.82 0.01	35.72 -2.24 0.00	37.22 -2.25 0.00	38.88 -2.35 0.01	44.04 -1.09 0.34	46.02 -2.68 0.00	49.70 -2.73 0.00	48.75 -2.40 0.00	44.16 -1.89 0.00	34.94 -1.01 0.00	32.58 -0.60 0.00
HOWARD_WT_PWR 323690	22.48 -1.39 -1.81	19.61 -1.10 -2.10	19.66 -1.11 -1.62	17.75 -0.92 -2.03	20.54 -1.13 -1.51	27.02 -1.45 0.00	32.22 -2.06 0.00	37.90 -2.07 -0.15	45.45 -2.11 -7.71	50.76 -1.92 -14.25	38.73 -1.99 -3.12	34.51 -2.27 -0.10	34.50 -2.19 -0.15	35.31 -2.05 -0.15	35.91 -2.05 0.00	37.42 -2.05 0.00	39.25 -2.15 -0.15	51.19 -1.91 -7.62	46.75 -1.95 0.00	50.64 -1.78 0.00	49.52 -1.64 0.00	44.90 -1.15 0.00	35.37 -0.58 0.00	33.02 -0.17 0.00
HQ_GEN_CEDARS 23644	21.50 -0.55 0.00	18.12 -0.48 0.00	18.67 -0.48 0.00	16.21 -0.43 0.00	19.64 -0.52 0.00	27.85 -0.63 0.00	34.28 0.00 0.00	39.86 0.04 0.00	39.89 0.04 0.00	38.47 0.04 0.00	37.72 0.11 0.00	36.77 0.07 0.00	36.61 0.07 0.00	37.24 0.04 0.00	37.96 0.00 0.00	39.55 0.08 0.00	41.28 0.04 0.00	45.20 -0.27 0.00	48.55 -0.15 0.00	52.32 -0.10 0.00	51.00 -0.15 0.00	45.91 -0.14 0.00	35.55 -0.40 0.00	32.35 -0.83 0.00
HQ_GEN_CEDARS_PROXY 323590	21.52 -0.53 0.00	18.12 -0.48 0.00	18.67 -0.48 0.00	16.21 -0.43 0.00	19.64 -0.52 0.00	27.85 -0.63 0.00	34.28 0.00 0.00	39.86 0.04 0.00	39.89 0.04 0.00	38.47 0.04 0.00	37.72 0.11 0.00	36.77 0.07 0.00	36.65 0.11 0.00	37.24 0.04 0.00	37.96 0.00 0.00	39.55 0.08 0.00	41.33 0.08 0.00	45.20 -0.27 0.00	48.55 -0.15 0.00	52.32 -0.10 0.00	51.00 -0.15 0.00	45.91 -0.14 0.00	35.55 -0.39 0.00	32.35 -0.83 0.00

HQ_GEN_IMPORT 323601	21.70 -0.35 0.00	18.31 -0.30 0.00	18.84 -0.31 0.00	16.37 -0.27 0.00	19.84 -0.32 0.00	28.13 -0.34 0.00	34.21 -0.07 0.00	39.74 -0.08 0.00	39.77 -0.08 0.00	38.35 -0.08 0.00	37.57 -0.04 0.00	36.66 -0.04 0.00	36.50 -0.04 0.00	37.13 -0.07 0.00	37.89 -0.08 0.00	39.43 -0.04 0.00	41.20 -0.04 0.00	45.33 -0.14 0.00	48.65 -0.05 0.00	52.37 -0.05 0.00	51.10 -0.05 0.00	46.00 -0.05 0.00	35.66 -0.29 0.00	32.65 -0.53 0.00
HQ_GEN_WHEEL 23651	21.70 -0.35 0.00	18.31 -0.30 0.00	18.84 -0.31 0.00	16.37 -0.27 0.00	19.84 -0.32 0.00	28.13 -0.34 0.00	34.21 -0.07 0.00	39.74 -0.08 0.00	39.77 -0.08 0.00	38.35 -0.08 0.00	37.57 -0.04 0.00	36.66 -0.04 0.00	36.50 -0.04 0.00	37.13 -0.07 0.00	37.89 -0.08 0.00	39.43 -0.04 0.00	41.20 -0.04 0.00	45.33 -0.14 0.00	48.65 -0.05 0.00	52.37 -0.05 0.00	51.10 -0.05 0.00	46.00 -0.05 0.00	35.66 -0.29 0.00	32.65 -0.53 0.00
HUDSON AVE_GT_3 23810	32.48 2.03 -8.39	30.06 1.71 -9.74	28.37 1.72 -7.50	27.51 1.48 -9.39	28.99 1.85 -6.97	30.92 2.45 0.00	36.78 2.50 0.00	43.13 3.31 0.00	43.40 3.55 0.00	41.89 3.46 0.00	40.84 3.23 0.00	39.74 3.05 0.00	39.61 3.07 0.00	40.33 3.13 0.00	41.11 3.15 0.00	42.75 3.28 0.00	44.67 3.42 0.00	49.29 3.82 0.00	52.25 3.55 0.00	56.20 3.77 0.00	54.89 3.73 0.00	49.32 3.27 0.00	38.75 2.80 0.00	36.13 2.95 0.00
HUDSON AVE_GT_4 23540	32.48 2.03 -8.39	30.06 1.71 -9.74	28.37 1.72 -7.50	27.51 1.48 -9.39	28.99 1.85 -6.97	30.92 2.45 0.00	36.78 2.50 0.00	43.13 3.31 0.00	43.40 3.55 0.00	41.89 3.46 0.00	40.84 3.23 0.00	39.74 3.05 0.00	39.61 3.07 0.00	40.33 3.13 0.00	41.11 3.15 0.00	42.75 3.28 0.00	44.67 3.42 0.00	49.29 3.82 0.00	52.25 3.55 0.00	56.20 3.77 0.00	54.89 3.73 0.00	49.32 3.27 0.00	38.75 2.80 0.00	36.13 2.95 0.00
HUDSON AVE_GT_5 23657	32.48 2.03 -8.39	30.06 1.71 -9.74	28.37 1.72 -7.50	27.51 1.48 -9.39	28.99 1.85 -6.97	30.92 2.45 0.00	36.78 2.50 0.00	43.13 3.31 0.00	43.40 3.55 0.00	41.89 3.46 0.00	40.84 3.23 0.00	39.74 3.05 0.00	39.61 3.07 0.00	40.33 3.13 0.00	41.11 3.15 0.00	42.75 3.28 0.00	44.67 3.42 0.00	49.29 3.82 0.00	52.25 3.55 0.00	56.20 3.77 0.00	54.89 3.73 0.00	49.32 3.27 0.00	38.75 2.80 0.00	36.13 2.95 0.00
HUDSON_AVE_10 24168	32.41 1.96 -8.39	29.98 1.64 -9.74	28.31 1.67 -7.50	27.46 1.43 -9.39	28.93 1.79 -6.97	30.84 2.36 0.00	36.65 2.37 0.00	42.93 3.11 0.00	43.20 3.35 0.00	41.70 3.27 0.00	40.65 3.05 0.00	39.55 2.86 0.00	39.43 2.89 0.00	40.14 2.94 0.00	40.92 2.96 0.00	42.51 3.04 0.00	44.46 3.22 0.00	49.06 3.59 0.00	52.01 3.31 0.00	55.93 3.51 0.00	54.63 3.48 0.00	49.09 3.04 0.00	38.61 2.66 0.00	36.00 2.82 0.00
HUDSON___115KV_TB 4 355613	33.46 0.79 -10.61	31.58 0.67 -12.30	29.33 0.71 -9.47	29.11 0.60 -11.87	29.68 0.71 -8.81	29.50 1.03 0.00	35.14 0.86 0.00	31.36 1.15 9.62	37.68 0.96 3.13	39.08 0.65 0.00	37.68 0.64 0.57	35.98 0.66 1.38	36.87 0.62 0.29	36.98 0.67 0.89	38.65 0.68 0.00	40.11 0.71 0.08	39.22 0.91 2.93	46.65 1.18 0.00	49.87 1.17 0.00	53.79 1.36 0.00	52.43 1.28 0.00	47.15 1.11 0.00	37.17 1.22 0.00	34.48 1.29 0.00
HUNTER MOUNT___DRP 323613	32.63 0.73 -9.84	30.60 0.58 -11.42	28.54 0.59 -8.79	28.19 0.53 -11.02	28.96 0.62 -8.18	29.87 1.40 0.00	35.55 1.27 0.00	37.65 1.87 4.05	40.29 1.75 1.32	39.54 1.11 0.00	38.57 1.20 0.24	37.29 1.17 0.58	37.51 1.10 0.12	37.94 1.12 0.38	38.87 0.91 0.00	40.62 1.18 0.03	41.54 1.53 1.23	47.06 1.59 0.00	50.50 1.80 0.00	54.57 2.15 0.00	53.20 2.05 0.00	47.84 1.80 0.00	37.82 1.87 0.00	35.01 1.82 0.00
HUNTINGTON_RES_REC 323705	45.27 2.51 -20.70	38.82 2.12 -18.09	34.85 2.16 -13.54	30.39 1.88 -11.87	33.51 2.32 -11.03	37.99 3.08 -6.45	45.63 3.29 -8.06	46.98 4.10 -3.05	47.42 4.22 -3.34	48.29 3.88 -5.98	52.38 3.01 -11.76	52.40 2.75 -12.96	54.02 2.85 -14.63	55.76 2.90 -15.65	57.47 2.96 -16.54	57.54 3.08 -14.99	57.56 3.30 -13.02	77.78 3.82 -28.49	61.99 3.70 -9.60	64.32 3.98 -7.91	61.56 3.94 -6.47	61.33 3.36 -11.92	43.40 3.34 -4.11	43.15 3.68 -6.28
HUNTLEY___63 23557	22.17 -1.24 -1.35	19.11 -1.06 -1.56	19.28 -1.07 -1.20	17.20 -0.95 -1.51	20.05 -1.23 -1.12	26.39 -2.08 0.00	31.47 -2.81 0.00	36.32 -3.46 0.04	34.42 -3.39 2.05	31.66 -3.00 3.77	33.65 -3.12 0.84	33.40 -3.27 0.03	33.39 -3.11 0.04	34.00 -3.16 0.04	34.74 -3.23 0.00	36.16 -3.32 0.00	37.53 -3.67 0.04	39.69 -4.00 1.78	44.56 -4.14 0.00	48.12 -4.30 0.00	47.27 -3.89 0.00	42.87 -3.18 0.00	34.04 -1.91 0.00	31.72 -1.46 0.00
HUNTLEY___64 23558	22.17 -1.24 -1.35	19.11 -1.06 -1.56	19.28 -1.07 -1.20	17.20 -0.95 -1.51	20.05 -1.23 -1.12	26.39 -2.08 0.00	31.47 -2.81 0.00	36.32 -3.46 0.04	34.42 -3.39 2.05	31.66 -3.00 3.77	33.65 -3.12 0.84	33.40 -3.27 0.03	33.39 -3.11 0.04	34.00 -3.16 0.04	34.74 -3.23 0.00	36.16 -3.32 0.00	37.53 -3.67 0.04	39.69 -4.00 1.78	44.56 -4.14 0.00	48.12 -4.30 0.00	47.27 -3.89 0.00	42.87 -3.18 0.00	34.04 -1.91 0.00	31.72 -1.46 0.00
HUNTLEY___65 23559	22.17 -1.24 -1.35	19.11 -1.06 -1.56	19.28 -1.07 -1.20	17.20 -0.95 -1.51	20.05 -1.23 -1.12	26.39 -2.08 0.00	31.47 -2.81 0.00	36.32 -3.46 0.04	34.42 -3.39 2.05	31.66 -3.00 3.77	33.65 -3.12 0.84	33.40 -3.27 0.03	33.39 -3.11 0.04	34.00 -3.16 0.04	34.74 -3.23 0.00	36.16 -3.32 0.00	37.53 -3.67 0.04	39.69 -4.00 1.78	44.56 -4.14 0.00	48.12 -4.30 0.00	47.27 -3.89 0.00	42.87 -3.18 0.00	34.04 -1.91 0.00	31.72 -1.46 0.00
HUNTLEY___66 23560	22.17 -1.24 -1.35	19.11 -1.06 -1.56	19.28 -1.07 -1.20	17.20 -0.95 -1.51	20.05 -1.23 -1.12	26.39 -2.08 0.00	31.47 -2.81 0.00	36.32 -3.46 0.04	34.42 -3.39 2.05	31.66 -3.00 3.77	33.65 -3.12 0.84	33.40 -3.27 0.03	33.39 -3.11 0.04	34.00 -3.16 0.04	34.74 -3.23 0.00	36.16 -3.32 0.00	37.53 -3.67 0.04	39.69 -4.00 1.78	44.56 -4.14 0.00	48.12 -4.30 0.00	47.27 -3.89 0.00	42.87 -3.18 0.00	34.04 -1.91 0.00	31.72 -1.46 0.00
HUNTLEY___67 23561	22.10 -1.32 -1.37	19.07 -1.14 -1.59	19.23 -1.15 -1.23	17.19 -0.98 -1.54	20.01 -1.29 -1.14	26.34 -2.14 0.00	31.37 -2.91 0.00	36.23 -3.54 0.05	34.01 -3.55 2.30	31.01 -3.19 4.22	33.39 -3.27 0.95	33.29 -3.38 0.03	33.24 -3.25 0.05	33.88 -3.27 0.05	34.55 -3.42 0.00	36.00 -3.47 0.00	37.40 -3.79 0.05	39.57 -4.09 1.81	44.41 -4.29 0.00	47.86 -4.56 0.00	47.01 -4.14 0.00	42.64 -3.41 0.00	33.86 -2.08 0.00	31.56 -1.63 0.00
HUNTLEY___68 23562	22.10 -1.32 -1.37	19.07 -1.14 -1.59	19.23 -1.15 -1.23	17.19 -0.98 -1.54	20.01 -1.29 -1.14	26.34 -2.14 0.00	31.37 -2.91 0.00	36.23 -3.54 0.05	34.01 -3.55 2.30	31.01 -3.19 4.22	33.39 -3.27 0.95	33.29 -3.38 0.03	33.24 -3.25 0.05	33.88 -3.27 0.05	34.55 -3.42 0.00	36.00 -3.47 0.00	37.40 -3.79 0.05	39.57 -4.09 1.81	44.41 -4.29 0.00	47.86 -4.56 0.00	47.01 -4.14 0.00	42.64 -3.41 0.00	33.86 -2.08 0.00	31.56 -1.63 0.00

HYLAND___LFGE 323620	23.41 -0.13 -1.49	20.30 -0.04 -1.73	20.48 0.00 -1.33	18.26 -0.05 -1.67	21.30 -0.10 -1.24	28.24 -0.23 0.00	33.83 -0.45 0.00	39.23 -0.76 -0.17	47.03 -1.40 -8.57	52.81 -1.46 -15.84	39.23 -1.84 -3.46	34.89 -1.91 -0.11	34.66 -2.05 -0.17	35.36 -2.01 -0.17	36.06 -1.90 0.00	37.70 -1.78 0.00	39.68 -1.73 -0.17	52.49 -1.41 -8.43	48.21 -0.49 0.00	52.74 0.32 0.00	51.62 0.46 0.00	46.78 0.73 0.00	36.59 0.65 0.00	33.74 0.56 0.00
INDECK___CORINTH 23802	34.17 1.19 -10.93	32.23 0.95 -12.68	29.93 1.01 -9.76	29.72 0.85 -12.23	30.29 1.05 -9.08	29.98 1.51 0.00	35.75 1.47 0.00	48.25 1.99 -6.43	43.86 1.91 -2.10	39.97 1.54 0.00	39.64 1.65 -0.38	39.30 1.69 -0.92	38.31 1.57 -0.20	39.47 1.68 -0.60	39.78 1.82 0.00	41.30 1.78 -0.05	45.18 1.98 -1.96	47.70 2.23 0.00	51.08 2.39 0.00	55.20 2.78 0.00	53.71 2.56 0.00	48.30 2.26 0.00	37.92 1.98 0.00	35.10 1.92 0.00
INDECK___ILION 23567	21.74 -0.31 0.00	18.35 -0.26 0.00	18.88 -0.27 0.00	16.39 -0.25 0.00	19.88 -0.28 0.00	28.07 -0.40 0.00	33.70 -0.58 0.00	39.15 -0.68 0.00	39.18 -0.68 0.00	37.74 -0.69 0.00	36.97 -0.64 0.00	36.07 -0.62 0.00	35.88 -0.66 0.00	36.53 -0.67 0.00	37.32 -0.65 0.00	38.80 -0.67 0.00	40.58 -0.66 0.00	44.74 -0.73 0.00	47.92 -0.78 0.00	51.58 -0.84 0.00	50.29 -0.87 0.00	45.31 -0.74 0.00	35.41 -0.54 0.00	32.75 -0.43 0.00
INDECK___OLEAN 23982	22.04 -1.63 -1.62	19.18 -1.30 -1.88	19.27 -1.32 -1.44	17.37 -1.08 -1.81	20.11 -1.39 -1.34	27.33 -1.14 0.00	32.39 -1.89 0.00	39.05 -0.76 0.01	38.47 -0.84 0.54	36.82 -0.62 0.99	36.59 -0.79 0.23	34.37 -2.31 0.01	34.34 -2.19 0.01	35.37 -1.82 0.01	35.72 -2.24 0.00	37.22 -2.25 0.00	38.71 -2.52 0.01	43.95 -1.18 0.34	46.02 -2.68 0.00	49.69 -2.73 0.00	48.70 -2.45 0.00	44.16 -1.89 0.00	34.94 -1.01 0.00	32.55 -0.63 0.00
INDECK___OSWEGO 23783	22.22 -0.44 -0.61	18.96 -0.35 -0.71	19.33 -0.36 -0.54	16.99 -0.33 -0.68	20.26 -0.40 -0.51	27.85 -0.63 0.00	33.39 -0.89 0.00	38.59 -1.23 0.00	38.58 -1.28 0.00	37.28 -1.15 0.00	36.48 -1.13 0.00	35.66 -1.03 0.00	35.52 -1.02 0.00	36.16 -1.04 0.00	36.90 -1.06 0.00	38.33 -1.15 0.00	40.05 -1.20 0.00	44.11 -1.36 0.00	47.33 -1.36 0.00	50.95 -1.47 0.00	49.67 -1.49 0.00	44.81 -1.24 0.00	35.08 -0.86 0.00	32.52 -0.66 0.00
INDECK___YERKES 23781	22.05 -1.35 -1.35	19.13 -1.04 -1.56	19.30 -1.05 -1.20	17.22 -0.93 -1.51	20.07 -1.21 -1.12	26.65 -1.82 0.00	31.47 -2.81 0.00	36.36 -3.42 0.04	34.42 -3.39 2.05	31.70 -2.96 3.77	33.69 -3.08 0.84	33.51 -3.16 0.03	33.43 -3.07 0.04	34.04 -3.12 0.04	34.74 -3.23 0.00	36.20 -3.28 0.00	37.57 -3.63 0.04	39.64 -4.05 1.78	44.61 -4.09 0.00	48.18 -4.24 0.00	47.11 -4.04 0.00	42.92 -3.13 0.00	34.11 -1.83 0.00	31.72 -1.46 0.00
INDIAN POINT_GT_1 24139	32.07 1.74 -8.28	29.68 1.47 -9.60	28.04 1.49 -7.39	27.22 1.31 -9.26	28.65 1.61 -6.88	30.58 2.11 0.00	36.37 2.09 0.00	42.61 2.79 0.00	42.84 2.99 0.00	41.31 2.88 0.00	40.28 2.67 0.00	39.22 2.53 0.00	39.06 2.52 0.00	39.81 2.60 0.00	40.58 2.62 0.00	42.20 2.72 0.00	44.13 2.89 0.00	48.70 3.23 0.00	51.76 3.07 0.00	55.67 3.25 0.00	54.33 3.17 0.00	48.81 2.76 0.00	38.39 2.44 0.00	35.74 2.55 0.00
INDIAN POINT_GT_2 23659	32.07 1.74 -8.28	29.68 1.47 -9.60	28.04 1.49 -7.39	27.22 1.31 -9.26	28.65 1.61 -6.88	30.58 2.11 0.00	36.37 2.09 0.00	42.61 2.79 0.00	42.84 2.99 0.00	41.31 2.88 0.00	40.28 2.67 0.00	39.22 2.53 0.00	39.06 2.52 0.00	39.81 2.60 0.00	40.58 2.62 0.00	42.20 2.72 0.00	44.13 2.89 0.00	48.70 3.23 0.00	51.76 3.07 0.00	55.67 3.25 0.00	54.33 3.17 0.00	48.81 2.76 0.00	38.39 2.44 0.00	35.74 2.55 0.00
INDIAN POINT_GT_3 24019	32.07 1.74 -8.28	29.68 1.47 -9.60	28.04 1.49 -7.39	27.22 1.31 -9.26	28.65 1.61 -6.88	30.58 2.11 0.00	36.37 2.09 0.00	42.61 2.79 0.00	42.84 2.99 0.00	41.31 2.88 0.00	40.28 2.67 0.00	39.22 2.53 0.00	39.06 2.52 0.00	39.81 2.60 0.00	40.58 2.62 0.00	42.20 2.72 0.00	44.13 2.89 0.00	48.70 3.23 0.00	51.76 3.07 0.00	55.67 3.25 0.00	54.33 3.17 0.00	48.81 2.76 0.00	38.39 2.44 0.00	35.74 2.55 0.00
INDIAN POINT___2 23530	31.95 1.72 -8.17	29.55 1.47 -9.48	27.92 1.47 -7.30	27.10 1.31 -9.14	28.56 1.61 -6.79	30.55 2.08 0.00	36.37 2.09 0.00	42.61 2.79 0.00	42.80 2.95 0.00	41.27 2.84 0.00	40.28 2.67 0.00	39.19 2.50 0.00	39.06 2.52 0.00	39.77 2.57 0.00	40.58 2.62 0.00	42.16 2.69 0.00	44.05 2.81 0.00	48.70 3.23 0.00	51.72 3.02 0.00	55.67 3.25 0.00	54.38 3.22 0.00	48.76 2.72 0.00	38.36 2.41 0.00	35.70 2.52 0.00
INDIAN POINT___3 23531	32.01 1.70 -8.25	29.61 1.43 -9.57	27.98 1.46 -7.37	27.17 1.30 -9.24	28.61 1.59 -6.86	30.55 2.08 0.00	36.34 2.06 0.00	42.57 2.75 0.00	42.76 2.91 0.00	41.23 2.81 0.00	40.24 2.63 0.00	39.19 2.50 0.00	39.03 2.48 0.00	39.73 2.53 0.00	40.54 2.58 0.00	42.12 2.64 0.00	44.05 2.80 0.00	48.61 3.14 0.00	51.67 2.97 0.00	55.62 3.20 0.00	54.28 3.12 0.00	48.77 2.72 0.00	38.36 2.41 0.00	35.67 2.49 0.00
INGHAM_C_115KV_TB7 356103	21.13 -0.93 0.00	17.83 -0.78 0.00	18.35 -0.80 0.00	15.91 -0.73 0.00	19.29 -0.87 0.00	27.28 -1.20 0.00	32.74 -1.54 0.00	38.03 -1.79 0.00	38.06 -1.79 0.00	36.66 -1.77 0.00	35.88 -1.73 0.00	35.04 -1.65 0.00	34.86 -1.68 0.00	35.49 -1.71 0.00	36.29 -1.67 0.00	37.73 -1.74 0.00	39.43 -1.81 0.00	43.47 -2.00 0.00	46.55 -2.14 0.00	50.17 -2.25 0.00	48.91 -2.25 0.00	44.02 -2.03 0.00	34.44 -1.51 0.00	31.85 -1.33 0.00
IP CORINTH___1 23988	34.17 1.19 -10.93	32.23 0.95 -12.68	29.93 1.02 -9.76	29.72 0.85 -12.23	30.29 1.05 -9.08	30.01 1.54 0.00	35.75 1.47 0.00	48.25 1.99 -6.43	43.86 1.91 -2.10	39.97 1.54 0.00	39.64 1.65 -0.38	39.30 1.69 -0.92	38.27 1.53 -0.20	39.47 1.67 -0.60	39.78 1.82 0.00	41.30 1.78 -0.05	45.18 1.98 -1.96	47.70 2.23 0.00	51.08 2.39 0.00	55.20 2.78 0.00	53.71 2.56 0.00	48.30 2.26 0.00	37.96 2.01 0.00	35.11 1.92 0.00
IP___TICONDEROGA 23804	34.74 1.76 -10.92	32.65 1.38 -12.67	30.40 1.49 -9.75	30.09 1.23 -12.22	30.77 1.53 -9.07	30.75 2.28 0.00	36.54 2.26 0.00	49.71 2.95 -6.94	44.94 2.83 -2.26	40.73 2.31 0.00	40.46 2.44 -0.41	40.18 2.50 -0.99	39.02 2.27 -0.21	40.34 2.49 -0.64	40.66 2.70 0.00	42.13 2.61 -0.05	46.29 2.93 -2.11	48.74 3.27 0.00	52.35 3.65 0.00	56.83 4.40 0.00	55.20 4.04 0.00	49.64 3.59 0.00	39.04 3.09 0.00	36.03 2.85 0.00
ISLIP_RES_REC 323679	45.60 2.85 -20.70	39.10 2.40 -18.09	35.14 2.45 -13.54	30.64 2.13 -11.87	33.81 2.62 -11.03	38.45 3.53 -6.45	46.15 3.80 -8.06	47.73 4.86 -3.05	48.22 5.02 -3.34	49.06 4.65 -5.98	53.14 3.76 -11.77	53.11 3.45 -12.97	54.72 3.54 -14.64	56.51 3.65 -15.66	58.24 3.72 -16.55	58.30 3.83 -15.00	58.35 4.08 -13.02	78.73 4.73 -28.54	62.96 4.63 -9.63	65.43 4.98 -8.02	62.57 4.91 -6.50	62.28 4.28 -11.95	47.93 3.92 -8.06	43.82 4.25 -6.39

JAMAICA__27_KV_LOAD 355505	32.46 2.01 -8.39	30.02 1.67 -9.74	28.33 1.69 -7.50	27.48 1.45 -9.39	28.95 1.81 -6.97	30.89 2.42 0.00	36.75 2.47 0.00	43.01 3.19 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.66 2.97 0.00	39.54 3.00 0.00	40.22 3.01 0.00	41.04 3.07 0.00	42.55 3.08 0.00	44.50 3.26 0.00	49.15 3.68 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.13 3.09 0.00	38.71 2.77 0.00	36.10 2.92 0.00
JANIS__SOLAR 323808	25.02 0.62 -2.35	21.89 0.56 -2.72	21.82 0.57 -2.09	19.73 0.47 -2.62	22.69 0.58 -1.95	29.38 0.91 0.00	35.24 0.96 0.00	40.99 1.16 -0.01	41.47 1.03 -0.59	40.36 0.84 -1.08	38.52 0.68 -0.24	37.17 0.48 -0.01	36.96 0.40 -0.01	37.66 0.45 -0.01	38.53 0.57 0.00	40.02 0.55 0.00	42.08 0.82 -0.01	47.29 1.23 -0.59	50.30 1.60 0.00	54.46 2.04 0.00	53.05 1.89 0.00	47.98 1.93 0.00	37.53 1.58 0.00	34.61 1.43 0.00
JARVIS____ 23743	22.14 0.09 0.00	18.68 0.07 0.00	19.23 0.08 0.00	16.71 0.07 0.00	20.24 0.08 0.00	28.59 0.11 0.00	34.28 0.00 0.00	39.82 0.00 0.00	39.85 0.00 0.00	38.39 -0.04 0.00	37.57 -0.04 0.00	36.66 -0.04 0.00	36.50 -0.04 0.00	37.17 -0.04 0.00	37.96 0.00 0.00	39.43 -0.04 0.00	41.24 0.00 0.00	45.47 0.00 0.00	48.70 0.00 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.05 0.00 0.00	36.02 0.07 0.00	33.31 0.13 0.00
JENNISON____1 23625	25.76 0.71 -3.00	22.70 0.61 -3.48	22.46 0.63 -2.68	20.51 0.52 -3.35	23.29 0.65 -2.49	29.50 1.03 0.00	35.27 0.99 0.00	41.14 1.31 0.00	41.26 1.39 -0.01	39.75 1.31 -0.01	38.85 1.24 0.00	37.72 1.03 0.00	37.49 0.95 0.00	38.21 1.00 0.00	39.10 1.14 0.00	40.58 1.11 0.00	42.52 1.28 0.00	47.13 1.64 -0.03	50.45 1.75 0.00	54.47 2.04 0.00	53.15 2.00 0.00	48.07 2.03 0.00	37.67 1.73 0.00	34.81 1.63 0.00
JENNISON____2 23626	25.76 0.71 -3.00	22.70 0.61 -3.48	22.46 0.63 -2.68	20.51 0.52 -3.35	23.29 0.65 -2.49	29.50 1.03 0.00	35.27 0.99 0.00	41.14 1.31 0.00	41.26 1.39 -0.01	39.75 1.31 -0.01	38.85 1.24 0.00	37.72 1.03 0.00	37.49 0.95 0.00	38.21 1.00 0.00	39.10 1.14 0.00	40.58 1.11 0.00	42.52 1.28 0.00	47.13 1.64 -0.03	50.45 1.75 0.00	54.47 2.04 0.00	53.15 2.00 0.00	48.07 2.03 0.00	37.67 1.73 0.00	34.81 1.63 0.00
JERICOHO_RISE_WT_PWR 323719	21.44 -0.62 0.00	18.07 -0.54 0.00	18.64 -0.52 0.00	16.22 -0.42 0.00	19.72 -0.44 0.00	28.02 -0.46 0.00	34.25 -0.03 0.00	39.86 0.04 0.00	39.89 0.04 0.00	38.51 0.08 0.00	37.72 0.11 0.00	36.77 0.07 0.00	36.65 0.11 0.00	37.24 0.04 0.00	37.92 -0.04 0.00	39.47 0.00 0.00	41.24 0.00 0.00	45.38 -0.09 0.00	48.79 0.10 0.00	52.53 0.11 0.00	51.21 0.05 0.00	46.00 -0.05 0.00	35.59 -0.36 0.00	32.45 -0.73 0.00
KATONAH__115KV_46KV_TB4 355592	32.37 1.81 -8.51	30.00 1.53 -9.87	28.28 1.53 -7.60	27.51 1.35 -9.52	28.88 1.65 -7.07	30.67 2.19 0.00	36.51 2.23 0.00	42.73 2.91 0.00	42.96 3.11 0.00	41.43 3.00 0.00	40.46 2.86 0.00	39.33 2.64 0.00	39.21 2.67 0.00	39.96 2.75 0.00	40.77 2.81 0.00	42.31 2.84 0.00	44.34 3.09 0.00	48.88 3.41 0.00	52.01 3.31 0.00	55.93 3.51 0.00	54.53 3.38 0.00	49.00 2.95 0.00	38.53 2.59 0.00	35.84 2.65 0.00
KCE_NY_1 323755	34.16 1.21 -10.89	32.23 0.99 -12.63	29.93 1.05 -9.73	29.73 0.90 -12.19	30.28 1.07 -9.05	30.01 1.54 0.00	35.75 1.47 0.00	50.89 1.95 -9.12	44.70 1.87 -2.97	40.00 1.58 0.00	39.80 1.65 -0.54	39.65 1.65 -1.30	38.39 1.57 -0.28	39.72 1.68 -0.85	39.71 1.75 0.00	41.32 1.78 -0.07	45.92 1.90 -2.78	47.65 2.18 0.00	50.94 2.24 0.00	54.94 2.52 0.00	53.56 2.40 0.00	48.17 2.12 0.00	37.85 1.90 0.00	35.10 1.92 0.00
KCE_NY_6_ESR 323823	22.06 -1.43 -1.44	19.16 -1.12 -1.67	19.29 -1.15 -1.28	17.27 -0.98 -1.61	20.08 -1.27 -1.19	26.79 -1.68 0.00	31.71 -2.57 0.00	36.98 -2.79 0.05	34.60 -2.79 2.46	31.47 -2.42 4.54	34.04 -2.56 1.01	33.72 -2.94 0.03	33.64 -2.85 0.05	34.36 -2.79 0.05	35.00 -2.96 0.00	36.47 -3.00 0.00	37.89 -3.30 0.05	40.07 -3.27 2.13	44.99 -3.70 0.00	48.60 -3.82 0.00	47.53 -3.63 0.00	43.24 -2.81 0.00	34.33 -1.62 0.00	31.95 -1.23 0.00
KEDC_PORT_JEFF_GT2 24210	45.49 2.73 -20.70	39.01 2.31 -18.09	35.04 2.35 -13.54	30.55 2.05 -11.87	33.71 2.52 -11.03	38.31 3.39 -6.45	45.97 3.63 -8.06	47.45 4.58 -3.05	47.91 4.74 -3.32	48.75 4.38 -5.94	52.79 3.50 -11.69	52.76 3.19 -12.88	54.37 3.29 -14.53	56.14 3.39 -15.55	57.85 3.45 -16.44	57.80 3.43 -14.90	57.85 3.67 -12.93	78.08 4.27 -28.34	62.40 4.14 -9.56	64.86 4.45 -7.98	62.01 4.40 -6.45	61.74 3.82 -11.87	48.18 3.70 -8.53	43.66 4.08 -6.40
KEDC_PORT_JEFF_GT3 24211	45.49 2.73 -20.70	39.01 2.31 -18.09	35.04 2.35 -13.54	30.55 2.05 -11.87	33.71 2.52 -11.03	38.31 3.39 -6.45	45.97 3.63 -8.06	47.45 4.58 -3.05	47.91 4.74 -3.32	48.75 4.38 -5.94	52.79 3.50 -11.69	52.76 3.19 -12.88	54.37 3.29 -14.53	56.14 3.39 -15.55	57.85 3.45 -16.44	57.80 3.43 -14.90	57.85 3.67 -12.93	78.08 4.27 -28.34	62.40 4.14 -9.56	64.86 4.45 -7.98	62.01 4.40 -6.45	61.74 3.82 -11.87	48.18 3.70 -8.53	43.66 4.08 -6.40
KEDC_GLWD_GT4 24219	44.94 2.18 -20.70	38.56 1.86 -18.09	34.58 1.90 -13.54	30.15 1.65 -11.87	33.21 2.02 -11.03	37.59 2.68 -6.45	45.12 2.78 -8.06	46.50 3.62 -3.05	49.41 3.83 -5.73	52.33 3.65 -10.25	61.05 3.27 -20.17	61.96 3.04 -22.22	64.63 3.00 -25.09	67.10 3.05 -26.84	69.41 3.07 -28.37	68.38 3.20 -25.71	66.90 3.34 -22.32	98.18 3.82 -48.89	68.79 3.60 -16.49	69.95 3.88 -13.65	66.11 3.84 -11.12	69.78 3.27 -20.47	49.02 3.09 -9.98	42.83 3.25 -6.40
KEDC_GLWD_GT5 24220	44.94 2.18 -20.70	38.56 1.86 -18.09	34.58 1.90 -13.54	30.15 1.65 -11.87	33.21 2.02 -11.03	37.59 2.68 -6.45	45.12 2.78 -8.06	46.50 3.62 -3.05	49.41 3.83 -5.73	52.33 3.65 -10.25	61.05 3.27 -20.17	61.96 3.04 -22.22	64.63 3.00 -25.09	67.10 3.05 -26.84	69.41 3.07 -28.37	68.38 3.20 -25.71	66.90 3.34 -22.32	98.18 3.82 -48.89	68.79 3.60 -16.49	69.95 3.88 -13.65	66.11 3.84 -11.12	69.78 3.27 -20.47	49.02 3.09 -9.98	42.83 3.25 -6.40
KENSICO____ 23655	32.26 1.83 -8.37	29.86 1.54 -9.71	28.20 1.57 -7.48	27.37 1.36 -9.37	28.81 1.69 -6.96	30.69 2.22 0.00	36.51 2.23 0.00	42.77 2.95 0.00	43.00 3.15 0.00	41.46 3.04 0.00	40.46 2.86 0.00	39.37 2.68 0.00	39.25 2.70 0.00	39.96 2.75 0.00	40.73 2.77 0.00	42.35 2.88 0.00	44.30 3.05 0.00	48.88 3.41 0.00	51.91 3.21 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.50 2.55 0.00	35.87 2.69 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.82 1.81 -7.96	29.35 1.51 -9.23	27.78 1.51 -7.11	26.90 1.35 -8.91	28.43 1.65 -6.62	30.67 2.19 0.00	36.51 2.23 0.00	42.77 2.95 0.00	43.00 3.15 0.00	41.31 2.88 0.00	40.24 2.63 0.00	39.15 2.46 0.00	38.99 2.45 0.00	39.70 2.49 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.13 2.89 0.00	48.79 3.32 0.00	52.01 3.31 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.13 3.09 0.00	38.68 2.73 0.00	35.87 2.69 0.00

KIAC_JFK_GT1 23816	32.35 1.90 -8.39	29.93 1.58 -9.74	28.24 1.59 -7.50	27.40 1.36 -9.39	28.85 1.71 -6.97	30.75 2.28 0.00	36.54 2.26 0.00	42.65 2.83 0.00	42.92 3.07 0.00	41.43 3.00 0.00	40.54 2.93 0.00	39.44 2.75 0.00	39.32 2.78 0.00	39.99 2.79 0.00	40.81 2.85 0.00	42.20 2.72 0.00	44.13 2.89 0.00	48.74 3.27 0.00	51.67 2.97 0.00	55.57 3.15 0.00	54.28 3.12 0.00	48.72 2.67 0.00	38.53 2.59 0.00	35.94 2.75 0.00
KIAC_JFK_GT2 23817	32.35 1.90 -8.39	29.93 1.58 -9.74	28.24 1.59 -7.50	27.40 1.36 -9.39	28.85 1.71 -6.97	30.75 2.28 0.00	36.54 2.26 0.00	42.65 2.83 0.00	42.92 3.07 0.00	41.43 3.00 0.00	40.54 2.93 0.00	39.44 2.75 0.00	39.32 2.78 0.00	39.99 2.79 0.00	40.81 2.85 0.00	42.20 2.72 0.00	44.13 2.89 0.00	48.74 3.27 0.00	51.67 2.97 0.00	55.57 3.15 0.00	54.28 3.12 0.00	48.72 2.67 0.00	38.53 2.59 0.00	35.94 2.75 0.00
KIAC_JFK____ 323774	32.32 1.87 -8.39	29.92 1.58 -9.74	28.24 1.59 -7.50	27.40 1.36 -9.39	28.85 1.71 -6.97	30.72 2.25 0.00	36.54 2.26 0.00	42.65 2.83 0.00	42.92 3.07 0.00	41.43 3.00 0.00	40.54 2.94 0.00	39.45 2.75 0.00	39.32 2.78 0.00	39.99 2.79 0.00	40.81 2.85 0.00	42.19 2.72 0.00	44.09 2.84 0.00	48.75 3.28 0.00	51.67 2.97 0.00	55.57 3.15 0.00	54.33 3.17 0.00	48.72 2.67 0.00	38.54 2.59 0.00	35.93 2.75 0.00
KINTIGH__24_KV_GSU 356498	22.28 -0.95 -1.18	19.15 -0.82 -1.36	19.38 -0.82 -1.05	17.26 -0.70 -1.32	20.19 -0.95 -0.98	26.54 -1.94 0.00	31.64 -2.64 0.00	36.09 -3.70 0.02	34.86 -3.71 1.29	32.66 -3.38 2.38	33.66 -3.42 0.52	33.56 -3.12 0.02	33.59 -2.92 0.02	34.09 -3.09 0.02	34.85 -3.11 0.00	36.31 -3.16 0.00	37.75 -3.46 0.02	39.90 -4.23 1.35	44.80 -3.90 0.00	48.28 -4.14 0.00	47.32 -3.84 0.00	42.87 -3.18 0.00	33.93 -2.01 0.00	31.59 -1.59 0.00
KINTIGH____ 23543	22.28 -0.95 -1.18	19.15 -0.82 -1.36	19.38 -0.82 -1.05	17.24 -0.72 -1.32	20.19 -0.95 -0.98	26.54 -1.94 0.00	31.64 -2.64 0.00	36.09 -3.70 0.02	34.86 -3.71 1.29	32.66 -3.38 2.38	33.66 -3.42 0.52	33.56 -3.12 0.02	33.59 -2.92 0.02	34.09 -3.09 0.02	34.85 -3.11 0.00	36.31 -3.16 0.00	37.75 -3.46 0.02	39.90 -4.23 1.35	44.80 -3.90 0.00	48.23 -4.19 0.00	47.32 -3.84 0.00	42.87 -3.18 0.00	33.93 -2.01 0.00	31.56 -1.63 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.68 -0.37 0.00	18.29 -0.32 0.00	18.84 -0.31 0.00	16.41 -0.23 0.00	19.94 -0.22 0.00	28.30 -0.17 0.00	34.62 0.34 0.00	40.34 0.52 0.00	40.33 0.48 0.00	38.93 0.50 0.00	38.17 0.56 0.00	37.21 0.51 0.00	37.09 0.55 0.00	37.65 0.45 0.00	38.34 0.38 0.00	39.95 0.47 0.00	41.74 0.49 0.00	46.02 0.55 0.00	49.48 0.78 0.00	53.31 0.89 0.00	51.92 0.77 0.00	46.60 0.55 0.00	36.09 0.14 0.00	32.85 -0.33 0.00
LACHUTE____HYDRO 323717	34.72 1.74 -10.92	32.65 1.38 -12.67	30.40 1.49 -9.75	30.09 1.23 -12.22	30.77 1.53 -9.07	30.75 2.28 0.00	36.54 2.26 0.00	49.71 2.95 -6.94	44.94 2.83 -2.26	40.73 2.31 0.00	40.46 2.44 -0.41	40.18 2.50 -0.99	39.02 2.27 -0.21	40.34 2.49 -0.64	40.66 2.70 0.00	42.13 2.60 -0.05	46.29 2.93 -2.11	48.75 3.28 0.00	52.35 3.65 0.00	56.83 4.40 0.00	55.25 4.09 0.00	49.64 3.59 0.00	39.04 3.09 0.00	36.04 2.85 0.00
LAWRNCV_115KV_TB1 80681	21.06 -0.99 0.00	17.77 -0.84 0.00	18.29 -0.86 0.00	15.87 -0.77 0.00	19.23 -0.93 0.00	27.33 -1.14 0.00	33.66 -0.62 0.00	39.15 -0.68 0.00	39.14 -0.72 0.00	37.74 -0.69 0.00	37.00 -0.60 0.00	36.07 -0.62 0.00	35.92 -0.62 0.00	36.50 -0.71 0.00	37.24 -0.72 0.00	38.76 -0.71 0.00	40.42 -0.82 0.00	44.29 -1.18 0.00	47.67 -1.02 0.00	51.37 -1.05 0.00	50.08 -1.07 0.00	45.08 -0.97 0.00	34.90 -1.04 0.00	31.72 -1.46 0.00
LEDERLE____ 23769	31.90 1.79 -8.06	29.46 1.51 -9.34	27.86 1.51 -7.19	27.00 1.35 -9.01	28.50 1.65 -6.69	30.64 2.16 0.00	36.47 2.19 0.00	42.73 2.91 0.00	43.00 3.15 0.00	41.43 3.00 0.00	40.43 2.82 0.00	39.33 2.64 0.00	39.21 2.67 0.00	39.92 2.72 0.00	40.70 2.73 0.00	42.31 2.84 0.00	44.25 3.01 0.00	48.84 3.36 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.50 2.55 0.00	35.80 2.62 0.00
LIGHTHSE_115KV_TB6 355974	22.36 -0.29 -0.60	19.06 -0.24 -0.69	19.43 -0.25 -0.53	17.06 -0.25 -0.67	20.37 -0.28 -0.49	28.02 -0.46 0.00	33.56 -0.72 0.00	38.91 -0.92 0.00	38.90 -0.96 0.00	37.58 -0.85 0.00	36.82 -0.79 0.00	35.99 -0.70 0.00	35.85 -0.69 0.00	36.50 -0.71 0.00	37.32 -0.65 0.00	38.68 -0.79 0.00	40.38 -0.87 0.00	44.47 -1.00 0.00	47.82 -0.88 0.00	51.58 -0.84 0.00	50.29 -0.87 0.00	45.45 -0.60 0.00	35.62 -0.32 0.00	32.88 -0.30 0.00
LINDEN COGEN____ 23786	32.36 1.92 -8.39	29.92 1.58 -9.73	28.25 1.61 -7.49	27.41 1.38 -9.39	28.87 1.73 -6.97	30.72 2.25 0.00	36.57 2.30 0.00	42.93 3.11 0.00	43.23 3.39 0.01	40.85 3.26 0.84	39.65 3.04 1.00	38.27 2.83 1.25	38.16 2.89 1.26	38.95 2.90 1.15	39.76 2.92 1.12	41.44 3.04 1.07	43.51 3.13 0.86	48.96 3.59 0.10	51.91 3.21 0.00	55.83 3.41 0.00	54.58 3.43 0.00	49.03 2.99 0.01	38.56 2.62 0.01	35.96 2.79 0.01
LINDHRST_69_KV_BK1 356055	45.38 2.62 -20.70	38.92 2.21 -18.09	34.93 2.24 -13.54	30.47 1.96 -11.87	33.61 2.42 -11.03	38.16 3.25 -6.45	45.80 3.46 -8.06	47.26 4.38 -3.05	48.11 4.54 -3.71	49.29 4.23 -6.63	54.05 3.38 -13.06	54.31 3.23 -14.39	55.96 3.18 -16.24	57.81 3.24 -17.37	59.59 3.26 -18.36	59.55 3.43 -16.64	59.36 3.67 -14.45	81.30 4.18 -31.64	63.46 4.09 -10.67	65.67 4.40 -8.84	62.65 4.30 -7.20	63.12 3.82 -13.25	46.13 3.52 -6.66	43.38 3.85 -6.35
LIPA_MISC_IPP 23656	45.58 2.82 -20.70	39.08 2.38 -18.09	35.12 2.43 -13.54	30.62 2.11 -11.87	33.79 2.60 -11.03	38.42 3.50 -6.45	46.11 3.77 -8.06	47.65 4.78 -3.05	48.10 4.94 -3.31	48.92 4.57 -5.92	52.90 3.65 -11.65	53.01 3.49 -12.83	54.46 3.43 -14.48	56.20 3.50 -15.50	57.83 3.49 -16.38	58.02 3.71 -14.84	58.13 4.00 -12.89	78.29 4.59 -28.23	62.75 4.53 -9.53	65.24 4.88 -7.94	62.34 4.76 -6.43	62.06 4.19 -11.82	47.87 3.85 -8.08	43.78 4.21 -6.39
LISF____SOLAR 323691	45.62 2.87 -20.70	39.12 2.42 -18.09	35.16 2.47 -13.54	30.67 2.16 -11.87	33.83 2.64 -11.03	38.48 3.56 -6.45	46.21 3.87 -8.06	47.77 4.90 -3.05	48.23 5.06 -3.31	49.04 4.69 -5.92	52.99 3.72 -11.66	52.95 3.41 -12.85	54.55 3.51 -14.50	56.33 3.61 -15.52	58.04 3.68 -16.40	58.16 3.83 -14.86	58.23 4.08 -12.90	78.47 4.73 -28.27	62.91 4.68 -9.54	65.41 5.03 -7.95	62.55 4.96 -6.44	62.22 4.33 -11.84	48.02 3.95 -8.12	43.85 4.28 -6.39
LITTLE FALLS____HYD 24013	21.13 -0.93 0.00	17.83 -0.78 0.00	18.35 -0.80 0.00	15.91 -0.73 0.00	19.29 -0.87 0.00	27.28 -1.20 0.00	32.74 -1.54 0.00	38.03 -1.79 0.00	38.06 -1.79 0.00	36.66 -1.77 0.00	35.88 -1.73 0.00	35.04 -1.65 0.00	34.86 -1.68 0.00	35.49 -1.71 0.00	36.29 -1.67 0.00	37.73 -1.74 0.00	39.43 -1.81 0.00	43.47 -2.00 0.00	46.55 -2.14 0.00	50.17 -2.25 0.00	48.91 -2.25 0.00	44.02 -2.03 0.00	34.44 -1.51 0.00	31.85 -1.33 0.00

LITTLRIV_115KV_TB1 356100	21.28 -0.77 0.00	17.96 -0.65 0.00	18.48 -0.67 0.00	16.01 -0.63 0.00	19.43 -0.73 0.00	27.65 -0.83 0.00	34.04 -0.24 0.00	39.58 -0.24 0.00	39.53 -0.32 0.00	38.01 -0.42 0.00	37.27 -0.34 0.00	36.29 -0.40 0.00	36.10 -0.44 0.00	36.68 -0.52 0.00	37.47 -0.49 0.00	39.04 -0.43 0.00	40.75 -0.49 0.00	44.74 -0.73 0.00	48.26 -0.44 0.00	52.11 -0.31 0.00	50.80 -0.36 0.00	45.77 -0.28 0.00	35.37 -0.58 0.00	32.09 -1.09 0.00
LI_NEWBRDGE___DRP 323616	45.05 2.29 -20.70	38.66 1.95 -18.09	34.66 1.97 -13.54	30.24 1.73 -11.87	33.31 2.12 -11.03	37.77 2.85 -6.45	45.29 2.95 -8.06	46.62 3.74 -3.05	46.84 3.91 -3.08	47.59 3.65 -5.51	51.41 2.97 -10.84	51.49 2.86 -11.94	52.83 2.81 -13.48	54.49 2.86 -14.42	56.09 2.89 -15.24	56.28 3.00 -13.81	56.45 3.22 -11.99	75.37 3.64 -26.26	61.06 3.51 -8.86	63.48 3.72 -7.33	60.81 3.68 -5.97	60.22 3.18 -10.99	44.36 3.06 -5.36	42.86 3.35 -6.32
LOCKPORT_115KV_TB60_63_64 80432	21.80 -1.54 -1.29	18.80 -1.30 -1.50	18.96 -1.34 -1.15	16.90 -1.18 -1.45	19.72 -1.51 -1.07	26.05 -2.42 0.00	31.06 -3.22 0.00	35.84 -3.94 0.04	34.19 -3.87 1.80	31.66 -3.46 3.31	33.30 -3.57 0.74	32.93 -3.74 0.02	32.92 -3.58 0.04	33.52 -3.65 0.04	34.20 -3.76 0.00	35.64 -3.83 0.00	37.00 -4.21 0.04	39.16 -4.73 1.58	43.97 -4.72 0.00	47.49 -4.93 0.00	46.65 -4.50 0.00	42.32 -3.73 0.00	33.57 -2.37 0.00	31.26 -1.92 0.00
LOCKPORT___CC1 323769	21.75 -1.61 -1.30	18.85 -1.27 -1.51	19.01 -1.30 -1.16	16.96 -1.13 -1.46	19.77 -1.47 -1.08	26.28 -2.19 0.00	31.09 -3.19 0.00	35.80 -3.98 0.04	34.01 -3.90 1.94	31.39 -3.46 3.58	33.24 -3.57 0.79	33.00 -3.67 0.02	32.92 -3.58 0.04	33.52 -3.64 0.04	34.20 -3.76 0.00	35.64 -3.83 0.00	37.04 -4.16 0.04	38.99 -4.73 1.75	44.02 -4.68 0.00	47.49 -4.93 0.00	46.50 -4.65 0.00	42.32 -3.73 0.00	33.61 -2.34 0.00	31.26 -1.93 0.00
LOCKPORT___CC2 323770	21.75 -1.61 -1.30	18.85 -1.27 -1.51	19.01 -1.30 -1.16	16.96 -1.13 -1.46	19.77 -1.47 -1.08	26.28 -2.19 0.00	31.09 -3.19 0.00	35.80 -3.98 0.04	34.01 -3.90 1.94	31.39 -3.46 3.58	33.24 -3.57 0.79	33.00 -3.67 0.02	32.92 -3.58 0.04	33.52 -3.64 0.04	34.20 -3.76 0.00	35.64 -3.83 0.00	37.04 -4.16 0.04	38.99 -4.73 1.75	44.02 -4.68 0.00	47.49 -4.93 0.00	46.50 -4.65 0.00	42.32 -3.73 0.00	33.61 -2.34 0.00	31.26 -1.93 0.00
LOCKPORT___CC3 323771	21.75 -1.61 -1.30	18.85 -1.27 -1.51	19.01 -1.30 -1.16	16.96 -1.13 -1.46	19.77 -1.47 -1.08	26.28 -2.19 0.00	31.09 -3.19 0.00	35.80 -3.98 0.04	34.01 -3.90 1.94	31.39 -3.46 3.58	33.24 -3.57 0.79	33.00 -3.67 0.02	32.92 -3.58 0.04	33.52 -3.64 0.04	34.20 -3.76 0.00	35.64 -3.83 0.00	37.04 -4.16 0.04	38.99 -4.73 1.75	44.02 -4.68 0.00	47.49 -4.93 0.00	46.50 -4.65 0.00	42.32 -3.73 0.00	33.61 -2.34 0.00	31.26 -1.93 0.00
LOCUSVLY_69_KV_BK2 55797	45.10 2.34 -20.70	38.67 1.97 -18.09	34.70 2.01 -13.54	30.25 1.75 -11.87	33.35 2.16 -11.03	37.79 2.88 -6.45	45.36 3.02 -8.06	46.74 3.86 -3.05	48.96 4.03 -5.08	51.36 3.84 -9.09	58.80 3.31 -17.89	59.52 3.12 -19.71	61.93 3.14 -22.25	64.21 3.20 -23.80	66.35 3.23 -25.16	65.63 3.36 -22.80	64.59 3.55 -19.79	92.78 3.96 -43.35	67.11 3.80 -14.62	68.62 4.09 -12.11	65.01 3.99 -9.86	67.65 3.45 -18.15	48.07 3.27 -8.85	43.01 3.45 -6.38
LONG_LAKE_PHOENIX 24014	22.32 -0.37 -0.64	19.06 -0.30 -0.75	19.42 -0.31 -0.57	17.08 -0.28 -0.72	20.35 -0.34 -0.53	27.87 -0.60 0.00	33.46 -0.82 0.00	38.79 -1.04 0.00	38.78 -1.08 0.00	37.51 -0.92 0.00	36.70 -0.90 0.00	35.85 -0.84 0.00	35.74 -0.80 0.00	36.38 -0.82 0.00	37.16 -0.80 0.00	38.60 -0.87 0.00	40.34 -0.91 0.00	44.38 -1.09 0.00	47.63 -1.07 0.00	51.27 -1.15 0.00	49.98 -1.18 0.00	45.04 -1.01 0.00	35.26 -0.68 0.00	32.65 -0.53 0.00
LOVETT___3 23632	31.86 1.70 -8.11	29.45 1.43 -9.41	27.85 1.46 -7.24	27.00 1.28 -9.08	28.49 1.59 -6.74	30.55 2.08 0.00	36.34 2.06 0.00	42.53 2.71 0.00	42.76 2.91 0.00	41.23 2.81 0.00	40.20 2.59 0.00	39.15 2.46 0.00	39.03 2.48 0.00	39.73 2.53 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.05 2.80 0.00	48.61 3.14 0.00	51.67 2.97 0.00	55.57 3.15 0.00	54.23 3.07 0.00	48.72 2.67 0.00	38.32 2.37 0.00	35.67 2.49 0.00
LOVETT___4 23642	31.86 1.70 -8.11	29.45 1.43 -9.41	27.85 1.46 -7.24	27.00 1.28 -9.08	28.49 1.59 -6.74	30.55 2.08 0.00	36.34 2.06 0.00	42.53 2.71 0.00	42.76 2.91 0.00	41.23 2.81 0.00	40.20 2.59 0.00	39.15 2.46 0.00	39.03 2.48 0.00	39.73 2.53 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.05 2.80 0.00	48.61 3.14 0.00	51.67 2.97 0.00	55.57 3.15 0.00	54.23 3.07 0.00	48.72 2.67 0.00	38.32 2.37 0.00	35.67 2.49 0.00
LOVETT___5 23593	31.86 1.70 -8.11	29.45 1.43 -9.41	27.85 1.46 -7.24	27.00 1.28 -9.08	28.49 1.59 -6.74	30.55 2.08 0.00	36.34 2.06 0.00	42.53 2.71 0.00	42.76 2.91 0.00	41.23 2.81 0.00	40.20 2.59 0.00	39.15 2.46 0.00	39.03 2.48 0.00	39.73 2.53 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.05 2.80 0.00	48.61 3.14 0.00	51.67 2.97 0.00	55.57 3.15 0.00	54.23 3.07 0.00	48.72 2.67 0.00	38.32 2.37 0.00	35.67 2.49 0.00
LOWER RAQUET___HYD 24057	20.95 -1.10 0.00	17.66 -0.95 0.00	18.18 -0.98 0.00	15.76 -0.88 0.00	19.11 -1.05 0.00	27.16 -1.31 0.00	33.46 -0.82 0.00	38.91 -0.91 0.00	38.90 -0.96 0.00	37.51 -0.92 0.00	36.74 -0.86 0.00	35.81 -0.88 0.00	35.70 -0.84 0.00	36.24 -0.97 0.00	36.97 -0.99 0.00	38.52 -0.95 0.00	40.21 -1.03 0.00	44.01 -1.46 0.00	47.38 -1.31 0.00	51.11 -1.31 0.00	49.83 -1.33 0.00	44.85 -1.20 0.00	34.69 -1.26 0.00	31.52 -1.66 0.00
LOWER___HUDSON 24059	33.77 0.97 -10.75	31.87 0.80 -12.47	29.59 0.84 -9.60	29.40 0.73 -12.03	29.96 0.87 -8.93	29.70 1.22 0.00	35.41 1.13 0.00	61.74 1.55 -20.36	47.92 1.43 -6.64	39.62 1.19 0.00	40.05 1.24 -1.20	40.89 1.28 -2.91	38.37 1.20 -0.62	40.36 1.27 -1.89	39.25 1.29 0.00	40.97 1.34 -0.16	48.89 1.44 -6.21	47.11 1.63 0.00	50.30 1.60 0.00	54.21 1.78 0.00	52.90 1.74 0.00	47.57 1.52 0.00	37.39 1.44 0.00	34.71 1.53 0.00
LOWVILLE_115KV_TB2 356335	21.98 -0.37 -0.30	18.66 -0.30 -0.35	19.11 -0.31 -0.27	16.62 -0.35 -0.33	20.05 -0.36 -0.25	28.10 -0.37 0.00	33.87 -0.41 0.00	39.38 -0.44 0.00	39.38 -0.48 0.00	37.85 -0.58 0.00	37.08 -0.53 0.00	36.10 -0.59 0.00	35.88 -0.66 0.00	36.53 -0.67 0.00	37.39 -0.57 0.00	38.80 -0.67 0.00	40.58 -0.66 0.00	44.88 -0.59 0.00	48.31 -0.39 0.00	52.21 -0.21 0.00	50.90 -0.26 0.00	46.00 -0.05 0.00	35.87 -0.07 0.00	32.88 -0.30 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.16 1.21 -10.89	32.23 0.99 -12.63	29.91 1.03 -9.73	29.71 0.88 -12.19	30.28 1.07 -9.05	30.01 1.54 0.00	35.75 1.47 0.00	50.85 1.91 -9.12	44.66 1.83 -2.97	39.97 1.54 0.00	39.76 1.62 -0.54	39.65 1.65 -1.30	38.35 1.53 -0.28	39.68 1.64 -0.85	39.67 1.71 0.00	41.28 1.74 -0.07	45.92 1.90 -2.78	47.61 2.14 0.00	50.89 2.19 0.00	54.89 2.46 0.00	53.51 2.35 0.00	48.17 2.12 0.00	37.85 1.91 0.00	35.07 1.89 0.00

LUTHERNY_35_KV_BK2 355980	34.16 1.21 -10.89	32.23 0.99 -12.63	29.93 1.05 -9.73	29.73 0.90 -12.19	30.28 1.07 -9.05	30.01 1.54 0.00	35.75 1.47 0.00	50.89 1.95 -9.12	44.70 1.87 -2.97	40.00 1.58 0.00	39.80 1.65 -0.54	39.65 1.65 -1.30	38.39 1.57 -0.28	39.72 1.67 -0.85	39.71 1.75 0.00	41.32 1.78 -0.07	45.96 1.94 -2.78	47.61 2.14 0.00	50.94 2.24 0.00	54.94 2.52 0.00	53.56 2.40 0.00	48.17 2.12 0.00	37.85 1.91 0.00	35.11 1.92 0.00
LWR___OSWEGATCHIE_HYD 23850	21.28 -0.99 -0.22	18.03 -0.84 -0.26	18.49 -0.86 -0.20	16.09 -0.80 -0.25	19.41 -0.93 -0.18	27.31 -1.17 0.00	33.29 -0.99 0.00	38.67 -1.15 0.00	38.66 -1.20 0.00	37.20 -1.23 0.00	36.48 -1.13 0.00	35.52 -1.17 0.00	35.34 -1.21 0.00	35.94 -1.26 0.00	36.75 -1.21 0.00	38.21 -1.26 0.00	39.88 -1.36 0.00	43.88 -1.59 0.00	47.28 -1.41 0.00	51.11 -1.31 0.00	49.77 -1.38 0.00	44.94 -1.11 0.00	34.87 -1.08 0.00	31.82 -1.36 0.00
LYONS_FALL_HYD 23570	22.25 -0.09 -0.28	18.88 -0.06 -0.33	19.35 -0.06 -0.25	16.84 -0.12 -0.32	20.29 -0.10 -0.24	28.44 -0.03 0.00	34.21 -0.07 0.00	39.78 -0.04 0.00	39.85 0.00 0.00	38.31 -0.11 0.00	37.57 -0.04 0.00	36.58 -0.11 0.00	36.36 -0.18 0.00	37.02 -0.19 0.00	37.89 -0.08 0.00	39.31 -0.16 0.00	41.12 -0.12 0.00	45.43 -0.05 0.00	48.79 0.10 0.00	52.69 0.26 0.00	51.36 0.21 0.00	46.37 0.32 0.00	36.20 0.25 0.00	33.28 0.10 0.00
MADISON___COUNTY_LFGE 323628	23.00 0.44 -0.50	19.56 0.37 -0.58	19.98 0.38 -0.45	17.50 0.30 -0.56	20.96 0.38 -0.42	29.07 0.60 0.00	34.86 0.58 0.00	40.66 0.84 0.00	40.73 0.88 0.00	39.24 0.81 0.00	38.43 0.83 0.00	37.43 0.73 0.00	37.20 0.66 0.00	37.91 0.71 0.00	38.80 0.84 0.00	40.18 0.71 0.00	41.99 0.74 0.00	46.38 0.91 0.00	49.72 1.02 0.00	53.63 1.21 0.00	52.28 1.13 0.00	47.20 1.15 0.00	36.92 0.97 0.00	34.04 0.86 0.00
MALONE___115KV_TB1 356076	21.46 -0.60 0.00	18.11 -0.50 0.00	18.65 -0.50 0.00	16.22 -0.42 0.00	19.70 -0.46 0.00	27.99 -0.48 0.00	34.35 0.07 0.00	40.02 0.20 0.00	40.01 0.16 0.00	38.62 0.19 0.00	37.87 0.26 0.00	36.91 0.22 0.00	36.80 0.26 0.00	37.35 0.15 0.00	38.04 0.08 0.00	39.63 0.16 0.00	41.37 0.12 0.00	45.61 0.14 0.00	49.04 0.34 0.00	52.84 0.42 0.00	51.46 0.31 0.00	46.23 0.18 0.00	35.77 -0.18 0.00	32.52 -0.66 0.00
MAPLEWOD_115KV_TB3 80458	33.58 0.84 -10.69	31.69 0.69 -12.39	29.42 0.73 -9.54	29.23 0.63 -11.96	29.78 0.75 -8.88	29.53 1.05 0.00	35.17 0.89 0.00	31.22 1.19 9.79	37.74 1.08 3.19	39.31 0.88 0.00	37.97 0.94 0.58	36.28 0.99 1.40	37.19 0.95 0.30	37.30 1.00 0.91	38.95 0.99 0.00	40.42 1.03 0.08	39.37 1.11 2.98	46.79 1.32 0.00	49.91 1.22 0.00	53.79 1.36 0.00	52.43 1.28 0.00	47.20 1.15 0.00	37.13 1.19 0.00	34.48 1.29 0.00
MAPLE_RIDGE_WT_1 323574	21.44 -0.62 0.00	18.07 -0.54 0.00	18.62 -0.54 0.00	16.16 -0.48 0.00	19.60 -0.56 0.00	27.71 -0.77 0.00	33.49 -0.79 0.00	38.91 -0.91 0.00	38.98 -0.88 0.00	37.62 -0.81 0.00	36.81 -0.79 0.00	35.92 -0.77 0.00	35.74 -0.80 0.00	36.38 -0.82 0.00	37.13 -0.84 0.00	38.60 -0.87 0.00	40.38 -0.87 0.00	44.51 -0.96 0.00	47.72 -0.97 0.00	51.37 -1.05 0.00	50.08 -1.08 0.00	45.04 -1.01 0.00	35.08 -0.86 0.00	32.35 -0.83 0.00
MAPLE_RIDGE_WT_2 323611	21.44 -0.62 0.00	18.07 -0.54 0.00	18.62 -0.54 0.00	16.16 -0.48 0.00	19.60 -0.56 0.00	27.71 -0.77 0.00	33.49 -0.79 0.00	38.91 -0.91 0.00	38.98 -0.88 0.00	37.62 -0.81 0.00	36.81 -0.79 0.00	35.92 -0.77 0.00	35.74 -0.80 0.00	36.38 -0.82 0.00	37.13 -0.84 0.00	38.60 -0.87 0.00	40.38 -0.87 0.00	44.51 -0.96 0.00	47.72 -0.97 0.00	51.37 -1.05 0.00	50.08 -1.08 0.00	45.04 -1.01 0.00	35.08 -0.86 0.00	32.35 -0.83 0.00
MARBLE_RIVER_WT_PWR 323696	21.50 -0.55 0.00	18.12 -0.48 0.00	18.69 -0.46 0.00	16.27 -0.37 0.00	19.78 -0.38 0.00	28.07 -0.40 0.00	34.31 0.03 0.00	39.90 0.08 0.00	39.93 0.08 0.00	38.54 0.12 0.00	37.79 0.19 0.00	36.84 0.15 0.00	36.69 0.15 0.00	37.28 0.07 0.00	37.96 0.00 0.00	39.51 0.04 0.00	41.28 0.04 0.00	45.43 -0.05 0.00	48.84 0.15 0.00	52.58 0.16 0.00	51.21 0.05 0.00	46.05 0.00 0.00	35.66 -0.29 0.00	32.55 -0.63 0.00
MARSHVLE_115KV_TB1 80742	36.39 2.03 -12.31	34.54 1.66 -14.28	31.87 1.72 -10.99	31.90 1.48 -13.77	32.20 1.81 -10.23	31.15 2.68 0.00	37.06 2.78 0.00	44.10 3.35 -0.93	43.43 3.27 -0.30	41.35 2.92 0.00	40.56 2.90 -0.06	39.72 2.90 -0.13	39.31 2.74 -0.03	40.15 2.86 -0.09	40.96 3.00 0.00	42.24 2.76 -0.01	44.54 3.01 -0.28	48.93 3.46 0.00	52.59 3.90 0.00	57.04 4.61 0.00	55.56 4.40 0.00	50.33 4.28 0.00	39.43 3.49 0.00	36.43 3.25 0.00
MARSH_HILL_WT_PWR 323713	22.47 -1.37 -1.79	19.58 -1.10 -2.07	19.66 -1.09 -1.60	17.74 -0.90 -2.00	20.54 -1.11 -1.48	27.02 -1.45 0.00	32.22 -2.06 0.00	37.91 -2.07 -0.16	46.10 -2.15 -8.40	52.03 -1.92 -15.53	39.01 -1.99 -3.40	34.52 -2.27 -0.10	34.51 -2.19 -0.16	35.32 -2.05 -0.16	35.87 -2.09 0.00	37.38 -2.09 0.00	39.22 -2.19 -0.16	51.82 -1.95 -8.30	46.70 -2.00 0.00	50.59 -1.84 0.00	49.47 -1.69 0.00	44.90 -1.15 0.00	35.34 -0.61 0.00	33.02 -0.17 0.00
MCINTYRE_115KV_TB2 80467	21.52 -0.53 0.00	18.18 -0.43 0.00	18.71 -0.44 0.00	16.21 -0.43 0.00	19.66 -0.50 0.00	27.99 -0.48 0.00	34.49 0.21 0.00	40.02 0.20 0.00	39.93 0.08 0.00	38.39 -0.04 0.00	37.61 0.00 0.00	36.58 -0.11 0.00	36.43 -0.11 0.00	36.98 -0.22 0.00	37.81 -0.15 0.00	39.39 -0.08 0.00	41.16 -0.08 0.00	45.29 -0.18 0.00	48.84 0.15 0.00	52.79 0.37 0.00	51.51 0.36 0.00	46.42 0.37 0.00	35.87 -0.07 0.00	32.52 -0.66 0.00
MECO_____69_KV_BK1 80468	35.91 2.05 -11.80	33.95 1.66 -13.69	31.44 1.74 -10.54	31.33 1.48 -13.21	31.78 1.81 -9.81	31.15 2.68 0.00	37.06 2.78 0.00	44.26 3.42 -1.01	43.49 3.31 -0.33	41.27 2.84 0.00	40.52 2.86 -0.06	39.63 2.79 -0.14	39.20 2.63 -0.03	40.09 2.79 -0.09	40.88 2.92 0.00	42.32 2.84 -0.01	44.73 3.18 -0.31	49.11 3.64 0.00	52.84 4.14 0.00	57.25 4.82 0.00	55.71 4.55 0.00	50.28 4.24 0.00	39.47 3.52 0.00	36.43 3.25 0.00
MENANDS___115KV_TB5 355628	33.45 0.73 -10.67	31.59 0.61 -12.37	29.33 0.65 -9.53	29.14 0.57 -11.94	29.67 0.65 -8.86	29.41 0.94 0.00	35.00 0.72 0.00	30.69 1.00 10.13	37.47 0.92 3.30	39.16 0.73 0.00	37.80 0.79 0.60	36.09 0.84 1.45	37.04 0.80 0.31	37.08 0.82 0.94	38.76 0.80 0.00	40.22 0.83 0.08	39.06 0.91 3.09	46.56 1.09 0.00	49.67 0.97 0.00	53.47 1.05 0.00	52.18 1.02 0.00	46.92 0.87 0.00	36.95 1.01 0.00	34.34 1.16 0.00
MG INDUSTRY___DRP 24185	32.99 0.62 -10.32	31.09 0.52 -11.96	28.92 0.56 -9.21	28.65 0.47 -11.54	29.27 0.54 -8.57	29.33 0.85 0.00	34.93 0.65 0.00	36.06 0.88 4.64	39.10 0.76 1.51	38.97 0.54 0.00	37.93 0.60 0.27	36.65 0.62 0.66	36.98 0.58 0.14	37.41 0.63 0.43	38.57 0.61 0.00	40.07 0.63 0.04	40.57 0.74 1.41	46.33 0.86 0.00	49.52 0.83 0.00	53.31 0.89 0.00	52.03 0.87 0.00	46.83 0.78 0.00	36.88 0.93 0.00	34.24 1.06 0.00

MID___OSWEGATCHIE_HYD 23849	21.28 -0.99 -0.22	18.03 -0.84 -0.26	18.49 -0.86 -0.20	16.09 -0.80 -0.25	19.41 -0.93 -0.18	27.31 -1.17 0.00	33.29 -0.99 0.00	38.67 -1.15 0.00	38.66 -1.20 0.00	37.20 -1.23 0.00	36.48 -1.13 0.00	35.52 -1.17 0.00	35.34 -1.21 0.00	35.94 -1.26 0.00	36.75 -1.21 0.00	38.21 -1.26 0.00	39.88 -1.36 0.00	43.88 -1.59 0.00	47.28 -1.41 0.00	51.11 -1.31 0.00	49.77 -1.38 0.00	44.94 -1.11 0.00	34.87 -1.08 0.00	31.82 -1.36 0.00
MID___RAQUETTE_HYD 23851	20.93 -1.12 0.00	17.66 -0.95 0.00	18.17 -0.98 0.00	15.76 -0.88 0.00	19.11 -1.05 0.00	27.16 -1.31 0.00	33.46 -0.82 0.00	38.91 -0.92 0.00	38.90 -0.96 0.00	37.51 -0.92 0.00	36.74 -0.86 0.00	35.81 -0.88 0.00	35.66 -0.88 0.00	36.24 -0.97 0.00	37.01 -0.95 0.00	38.52 -0.95 0.00	40.17 -1.07 0.00	44.02 -1.46 0.00	47.38 -1.31 0.00	51.11 -1.31 0.00	49.83 -1.33 0.00	44.85 -1.20 0.00	34.69 -1.26 0.00	31.52 -1.66 0.00
MILLIKEN___1 23584	24.10 0.31 -1.74	20.88 0.26 -2.01	20.97 0.27 -1.55	18.81 0.23 -1.94	21.88 0.28 -1.44	28.79 0.31 0.00	34.55 0.27 0.00	40.23 0.40 -0.01	40.77 0.28 -0.63	39.94 0.35 -1.17	38.13 0.26 -0.26	36.88 0.18 -0.01	36.74 0.18 -0.01	37.48 0.26 -0.01	38.23 0.27 0.00	39.71 0.24 0.00	41.59 0.33 -0.01	46.56 0.45 -0.63	49.33 0.63 0.00	53.16 0.73 0.00	51.82 0.67 0.00	46.74 0.69 0.00	36.59 0.65 0.00	33.84 0.66 0.00
MILLIKEN___2 23585	24.10 0.31 -1.74	20.88 0.26 -2.01	20.97 0.27 -1.55	18.81 0.23 -1.94	21.88 0.28 -1.44	28.79 0.31 0.00	34.55 0.27 0.00	40.23 0.40 -0.01	40.77 0.28 -0.63	39.94 0.35 -1.17	38.13 0.26 -0.26	36.88 0.18 -0.01	36.74 0.18 -0.01	37.48 0.26 -0.01	38.23 0.27 0.00	39.71 0.24 0.00	41.59 0.33 -0.01	46.56 0.45 -0.63	49.33 0.63 0.00	53.16 0.73 0.00	51.82 0.67 0.00	46.74 0.69 0.00	36.59 0.65 0.00	33.84 0.66 0.00
MILLIKEN___DIESEL 23629	24.10 0.31 -1.74	20.88 0.26 -2.01	20.97 0.27 -1.55	18.81 0.23 -1.94	21.88 0.28 -1.44	28.79 0.31 0.00	34.55 0.27 0.00	40.23 0.40 -0.01	40.77 0.28 -0.63	39.94 0.35 -1.17	38.13 0.26 -0.26	36.88 0.18 -0.01	36.74 0.18 -0.01	37.48 0.26 -0.01	38.23 0.27 0.00	39.71 0.24 0.00	41.59 0.33 -0.01	46.56 0.45 -0.63	49.33 0.63 0.00	53.16 0.73 0.00	51.82 0.67 0.00	46.74 0.69 0.00	36.59 0.65 0.00	33.84 0.66 0.00
MILLSEAT___LFGE 323607	22.21 -1.08 -1.23	19.22 -0.82 -1.43	19.43 -0.82 -1.10	17.26 -0.77 -1.38	20.18 -1.01 -1.03	26.96 -1.51 0.00	32.02 -2.26 0.00	36.97 -2.83 0.03	35.63 -2.79 1.43	33.33 -2.46 2.64	34.46 -2.56 0.59	34.07 -2.60 0.02	33.95 -2.56 0.03	34.61 -2.57 0.03	35.27 -2.69 0.00	36.79 -2.69 0.00	38.29 -2.93 0.03	40.79 -3.41 1.27	45.58 -3.12 0.00	49.28 -3.14 0.00	48.19 -2.97 0.00	43.84 -2.21 0.00	34.62 -1.33 0.00	32.05 -1.13 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.13 1.76 -8.31	29.74 1.49 -9.64	28.07 1.49 -7.42	27.26 1.31 -9.30	28.70 1.63 -6.91	30.61 2.14 0.00	36.41 2.13 0.00	42.65 2.83 0.00	42.84 2.99 0.00	41.31 2.88 0.00	40.31 2.71 0.00	39.26 2.57 0.00	39.10 2.56 0.00	39.81 2.60 0.00	40.62 2.66 0.00	42.20 2.72 0.00	44.17 2.93 0.00	48.70 3.23 0.00	51.76 3.07 0.00	55.73 3.30 0.00	54.38 3.22 0.00	48.86 2.81 0.00	38.43 2.48 0.00	35.74 2.55 0.00
MILLWOOD_13_KV_LOAD 356217	32.15 1.79 -8.31	29.78 1.53 -9.64	28.11 1.53 -7.42	27.29 1.35 -9.30	28.72 1.65 -6.91	30.64 2.16 0.00	36.47 2.19 0.00	42.69 2.87 0.00	42.92 3.07 0.00	41.39 2.96 0.00	40.39 2.78 0.00	39.30 2.61 0.00	39.17 2.63 0.00	39.88 2.68 0.00	40.70 2.73 0.00	42.27 2.80 0.00	44.25 3.01 0.00	48.84 3.36 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.50 2.55 0.00	35.80 2.62 0.00
MODEL_CITY_ENERGY 24167	21.45 -1.92 -1.32	18.61 -1.53 -1.53	18.76 -1.57 -1.18	16.75 -1.36 -1.47	19.50 -1.75 -1.09	25.94 -2.53 0.00	30.68 -3.60 0.00	35.32 -4.46 0.04	33.63 -4.34 1.88	31.12 -3.84 3.47	32.85 -3.99 0.77	32.56 -4.11 0.02	32.48 -4.02 0.04	33.07 -4.09 0.04	33.75 -4.21 0.00	35.17 -4.30 0.00	36.54 -4.66 0.04	38.50 -5.37 1.61	43.39 -5.31 0.00	46.86 -5.56 0.00	45.83 -5.32 0.00	41.77 -4.28 0.00	33.18 -2.77 0.00	30.86 -2.32 0.00
MODERN_LFGE___ 323580	21.45 -1.92 -1.32	18.61 -1.53 -1.53	18.76 -1.57 -1.18	16.75 -1.36 -1.47	19.50 -1.75 -1.09	25.94 -2.53 0.00	30.68 -3.60 0.00	35.32 -4.46 0.04	33.63 -4.34 1.88	31.12 -3.84 3.47	32.85 -3.99 0.77	32.56 -4.11 0.02	32.48 -4.02 0.04	33.07 -4.09 0.04	33.75 -4.21 0.00	35.17 -4.30 0.00	36.54 -4.66 0.04	38.50 -5.37 1.61	43.39 -5.31 0.00	46.86 -5.56 0.00	45.83 -5.32 0.00	41.77 -4.28 0.00	33.18 -2.77 0.00	30.86 -2.32 0.00
MOHAWK_PAPER___DRP 24187	33.58 0.84 -10.69	31.69 0.69 -12.39	29.42 0.73 -9.54	29.23 0.63 -11.96	29.78 0.75 -8.88	29.53 1.05 0.00	35.17 0.89 0.00	31.22 1.19 9.79	37.74 1.08 3.19	39.31 0.88 0.00	37.97 0.94 0.58	36.28 0.99 1.40	37.19 0.95 0.30	37.30 1.00 0.91	38.95 0.99 0.00	40.42 1.03 0.08	39.37 1.11 2.98	46.79 1.32 0.00	49.91 1.22 0.00	53.79 1.36 0.00	52.43 1.28 0.00	47.20 1.15 0.00	37.13 1.19 0.00	34.48 1.29 0.00
MOHICAN___35_KV_115KV_LD 80490	34.30 1.32 -10.92	32.31 1.04 -12.66	30.03 1.13 -9.75	29.81 0.95 -12.22	30.38 1.15 -9.07	30.18 1.71 0.00	35.93 1.65 0.00	49.24 2.19 -7.23	44.32 2.11 -2.36	40.12 1.69 0.00	39.84 1.81 -0.43	39.56 1.83 -1.03	38.44 1.68 -0.22	39.70 1.82 -0.67	39.94 1.97 0.00	41.46 1.93 -0.06	45.63 2.19 -2.20	47.93 2.46 0.00	51.33 2.63 0.00	55.52 3.09 0.00	54.02 2.86 0.00	48.58 2.53 0.00	38.18 2.23 0.00	35.30 2.12 0.00
MONGAUP___HYD 23641	31.14 1.46 -7.63	28.66 1.21 -8.85	27.17 1.21 -6.81	26.26 1.08 -8.53	27.81 1.31 -6.34	30.21 1.74 0.00	35.48 1.20 0.00	41.49 1.67 0.00	41.61 1.75 0.00	39.93 1.50 0.00	39.41 1.81 0.00	38.34 1.65 0.00	38.22 1.68 0.00	38.91 1.71 0.00	39.56 1.59 0.00	40.77 1.30 0.00	42.73 1.48 0.00	47.34 1.87 0.00	50.55 1.85 0.00	54.62 2.20 0.00	53.30 2.15 0.00	47.80 1.75 0.00	37.96 2.01 0.00	35.37 2.19 0.00
MONTAUK___DIESEL 23721	45.65 2.89 -20.70	39.14 2.44 -18.09	35.18 2.49 -13.54	30.67 2.16 -11.87	33.85 2.66 -11.03	38.51 3.59 -6.45	46.25 3.91 -8.06	48.05 5.18 -3.05	48.42 5.26 -3.31	49.15 4.80 -5.92	52.75 3.50 -11.65	52.83 3.30 -12.84	54.28 3.25 -14.49	56.02 3.31 -15.50	57.69 3.34 -16.39	57.91 3.59 -14.85	58.01 3.88 -12.89	78.26 4.55 -28.24	62.56 4.33 -9.53	64.98 4.61 -7.94	62.04 4.45 -6.43	61.75 3.87 -11.83	47.60 3.56 -8.10	43.68 4.11 -6.39
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.83 -1.74 -1.52	18.90 -1.47 -1.76	19.00 -1.51 -1.36	17.06 -1.28 -1.70	19.83 -1.59 -1.26	26.37 -2.11 0.00	31.57 -2.71 0.00	37.40 -2.39 0.04	35.77 -2.31 1.77	33.17 -2.00 3.26	34.74 -2.14 0.73	33.95 -2.72 0.02	33.87 -2.63 0.04	34.75 -2.42 0.04	35.49 -2.47 0.00	37.06 -2.41 0.00	38.65 -2.56 0.04	41.94 -2.05 1.48	46.07 -2.63 0.00	49.75 -2.67 0.00	48.75 -2.40 0.00	44.11 -1.93 0.00	34.87 -1.08 0.00	32.32 -0.86 0.00

MORRIS_RIDGE___SOLAR 323848	22.48 -1.30 -1.73	19.59 -1.02 -2.01	19.66 -1.03 -1.55	17.69 -0.88 -1.94	20.49 -1.11 -1.44	26.96 -1.51 0.00	32.05 -2.23 0.00	37.16 -2.43 0.23	25.42 -2.51 11.93	14.13 -2.27 22.03	30.44 -2.33 4.83	33.97 -2.57 0.15	33.79 -2.52 0.24	34.51 -2.46 0.24	35.42 -2.54 0.00	36.94 -2.53 0.00	38.25 -2.76 0.23	31.23 -2.73 11.51	45.87 -2.83 0.00	49.69 -2.73 0.00	48.65 -2.51 0.00	44.12 -1.93 0.00	34.83 -1.11 0.00	32.42 -0.76 0.00
MORTIMER_115KV_TB3 55949	22.59 -0.51 -1.05	19.39 -0.43 -1.21	19.64 -0.44 -0.93	17.41 -0.40 -1.17	20.48 -0.54 -0.87	27.28 -1.20 0.00	32.67 -1.61 0.00	37.47 -2.35 0.00	37.50 -2.35 0.00	36.32 -2.11 0.00	35.50 -2.11 0.00	34.82 -1.87 0.00	34.82 -1.72 0.00	35.42 -1.79 0.00	36.10 -1.86 0.00	37.70 -1.78 0.00	39.22 -2.02 0.00	42.92 -2.55 0.00	46.51 -2.19 0.00	50.12 -2.31 0.00	49.06 -2.10 0.00	44.34 -1.70 0.00	34.87 -1.08 0.00	32.32 -0.86 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.41 1.96 -8.40	30.00 1.66 -9.74	28.33 1.69 -7.50	27.48 1.45 -9.39	28.95 1.81 -6.97	30.86 2.39 0.00	36.68 2.40 0.00	43.01 3.19 0.00	43.24 3.39 0.00	41.73 3.30 0.00	40.69 3.08 0.00	39.63 2.94 0.00	39.50 2.96 0.00	40.18 2.98 0.00	41.00 3.04 0.00	42.59 3.12 0.00	44.54 3.30 0.00	49.15 3.68 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.18 3.13 0.00	38.64 2.70 0.00	36.03 2.85 0.00
MUNSVILLE_WIND_PWR 323609	25.74 1.02 -2.67	22.64 0.93 -3.10	22.48 0.94 -2.39	20.36 0.73 -2.99	23.33 0.95 -2.22	30.07 1.59 0.00	35.96 1.68 0.00	41.94 2.11 -0.01	42.49 2.19 -0.45	41.18 1.92 -0.83	39.63 1.84 -0.18	38.24 1.54 -0.01	37.94 1.39 -0.01	38.66 1.45 -0.01	39.67 1.71 0.00	41.09 1.62 0.00	43.19 1.94 -0.01	48.43 2.50 -0.46	51.57 2.87 0.00	55.88 3.46 0.00	54.43 3.28 0.00	49.41 3.36 0.00	38.68 2.73 0.00	35.57 2.39 0.00
N SALMON___HYD 24042	21.48 -0.57 0.00	18.11 -0.50 0.00	18.65 -0.50 0.00	16.22 -0.42 0.00	19.70 -0.46 0.00	27.99 -0.48 0.00	34.35 0.07 0.00	40.02 0.20 0.00	40.01 0.16 0.00	38.62 0.19 0.00	37.87 0.27 0.00	36.91 0.22 0.00	36.80 0.26 0.00	37.35 0.15 0.00	38.00 0.04 0.00	39.63 0.16 0.00	41.45 0.21 0.00	45.61 0.14 0.00	49.04 0.34 0.00	52.84 0.42 0.00	51.46 0.31 0.00	46.23 0.18 0.00	35.77 -0.18 0.00	32.52 -0.66 0.00
N.AKRON__115KV_KNAPP 355671	22.25 -1.06 -1.25	19.19 -0.87 -1.45	19.37 -0.90 -1.12	17.23 -0.82 -1.40	20.13 -1.07 -1.04	26.68 -1.79 0.00	31.91 -2.37 0.00	36.84 -2.95 0.03	35.44 -2.87 1.55	33.04 -2.54 2.85	34.30 -2.67 0.63	33.88 -2.79 0.02	33.84 -2.67 0.03	34.46 -2.72 0.03	35.15 -2.81 0.00	36.67 -2.80 0.00	38.08 -3.13 0.03	40.56 -3.55 1.37	45.39 -3.31 0.00	49.07 -3.36 0.00	48.14 -3.02 0.00	43.61 -2.44 0.00	34.47 -1.47 0.00	31.99 -1.19 0.00
N.E_GEN_SANDY PD 24062	34.72 1.06 -11.61	34.76 0.89 -15.26	31.77 0.92 -11.70	30.42 0.80 -12.98	30.80 0.95 -9.69	40.10 1.31 -10.32	47.00 1.23 -11.49	49.70 1.55 -8.32	43.96 1.39 -2.71	39.58 1.15 0.00	39.30 1.20 -0.49	39.13 1.25 -1.19	38.00 1.20 -0.25	39.20 1.23 -0.77	39.14 1.18 0.00	40.80 1.26 -0.07	45.10 1.32 -2.54	49.83 1.73 -2.63	50.40 1.70 0.00	54.21 1.78 0.00	54.33 1.79 -1.38	47.80 1.57 -0.19	40.60 1.47 -3.18	34.90 1.63 -0.09
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.85 1.72 -8.08	29.43 1.45 -9.37	27.84 1.47 -7.21	26.99 1.31 -9.04	28.48 1.61 -6.71	30.58 2.11 0.00	36.37 2.09 0.00	42.61 2.79 0.00	42.80 2.95 0.00	41.23 2.81 0.00	40.24 2.63 0.00	39.19 2.50 0.00	39.03 2.48 0.00	39.73 2.53 0.00	40.54 2.58 0.00	42.12 2.64 0.00	44.13 2.89 0.00	48.70 3.23 0.00	51.72 3.02 0.00	55.67 3.25 0.00	54.33 3.17 0.00	48.81 2.76 0.00	38.39 2.44 0.00	35.70 2.52 0.00
N.QUEENS_27_KV_LOAD 356247	32.35 1.90 -8.40	30.02 1.67 -9.74	28.41 1.76 -7.50	27.51 1.48 -9.39	29.01 1.87 -6.97	30.75 2.28 0.00	36.51 2.23 0.00	42.81 2.99 0.00	43.16 3.31 0.00	41.70 3.27 0.00	40.69 3.08 0.00	39.63 2.94 0.00	39.50 2.96 0.00	40.18 2.98 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.54 3.30 0.00	49.11 3.64 0.00	52.01 3.31 0.00	55.93 3.51 0.00	54.58 3.43 0.00	49.04 2.99 0.00	38.50 2.55 0.00	35.87 2.69 0.00
N.TROY___115KV_TB1 355778	33.77 0.97 -10.75	31.87 0.80 -12.47	29.59 0.84 -9.60	29.40 0.73 -12.03	29.96 0.87 -8.93	29.73 1.25 0.00	35.41 1.13 0.00	61.74 1.55 -20.36	47.92 1.43 -6.64	39.62 1.19 0.00	40.05 1.24 -1.20	40.89 1.28 -2.91	38.37 1.21 -0.62	40.36 1.26 -1.89	39.25 1.29 0.00	40.97 1.34 -0.16	48.89 1.44 -6.21	47.11 1.64 0.00	50.30 1.61 0.00	54.20 1.78 0.00	52.90 1.74 0.00	47.57 1.52 0.00	37.38 1.44 0.00	34.71 1.53 0.00
NARROWS_GT1_1 24228	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT1_2 24229	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT1_3 24230	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT1_4 24231	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT1_5 24232	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06

NARROWS_GT1_6 24233	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT1_7 24234	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT1_8 24235	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT2_1 24236	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT2_2 24237	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT2_3 24238	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT2_4 24239	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT2_5 24240	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT2_6 24241	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT2_7 24242	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NARROWS_GT2_8 24243	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.63 0.73 -9.84	30.60 0.58 -11.42	28.54 0.59 -8.79	28.19 0.53 -11.02	28.96 0.62 -8.18	29.87 1.40 0.00	35.55 1.27 0.00	37.65 1.87 4.05	40.29 1.75 1.32	39.54 1.11 0.00	38.57 1.20 0.24	37.29 1.17 0.58	37.51 1.10 0.12	37.94 1.12 0.38	38.87 0.91 0.00	40.62 1.18 0.03	41.54 1.53 1.23	47.06 1.59 0.00	50.50 1.80 0.00	54.57 2.15 0.00	53.20 2.05 0.00	47.84 1.80 0.00	37.82 1.87 0.00	35.01 1.82 0.00
NCHELSEA_115KV_TR2 355582	32.18 1.76 -8.36	29.80 1.49 -9.70	28.11 1.49 -7.47	27.31 1.31 -9.36	28.72 1.61 -6.95	30.61 2.14 0.00	36.41 2.13 0.00	42.65 2.83 0.00	42.88 3.03 0.00	41.27 2.84 0.00	40.24 2.63 0.00	39.19 2.50 0.00	39.03 2.48 0.00	39.73 2.53 0.00	40.54 2.58 0.00	42.12 2.64 0.00	44.13 2.89 0.00	48.70 3.23 0.00	51.86 3.17 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.53 2.59 0.00	35.80 2.62 0.00
NEG CAPITAL___MECHNVIL 23645	34.14 1.23 -10.85	32.19 1.00 -12.58	29.91 1.07 -9.69	29.68 0.90 -12.14	30.26 1.09 -9.01	30.04 1.56 0.00	35.79 1.51 0.00	54.17 1.99 -12.36	45.79 1.91 -4.03	40.04 1.61 0.00	40.03 1.69 -0.73	40.18 1.72 -1.77	38.57 1.65 -0.38	40.10 1.75 -1.15	39.78 1.82 0.00	41.42 1.86 -0.10	46.99 1.98 -3.77	47.70 2.23 0.00	51.03 2.34 0.00	54.99 2.57 0.00	53.66 2.51 0.00	48.26 2.21 0.00	37.89 1.94 0.00	35.14 1.96 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.24 -0.82 -1.00	19.14 -0.63 -1.16	19.39 -0.65 -0.89	17.18 -0.58 -1.12	20.25 -0.75 -0.83	27.14 -1.34 0.00	32.43 -1.85 0.00	37.31 -2.51 0.00	37.34 -2.51 0.00	36.19 -2.23 0.01	35.39 -2.22 0.00	34.82 -1.87 0.00	34.72 -1.83 0.00	35.31 -1.90 0.00	36.03 -1.93 0.00	37.54 -1.93 0.00	39.10 -2.15 0.00	42.73 -2.73 0.02	46.26 -2.43 0.00	49.80 -2.62 0.00	48.60 -2.56 0.00	43.98 -2.07 0.00	34.51 -1.44 0.00	31.92 -1.26 0.00

NEG CENTRAL___DRP 24199	22.92 -0.20 -1.06	19.69 -0.15 -1.23	19.95 -0.15 -0.95	17.70 -0.13 -1.19	20.86 -0.18 -0.88	28.10 -0.37 0.00	33.77 -0.51 0.00	39.20 -0.64 -0.02	39.94 -0.72 -0.80	39.37 -0.54 -1.48	37.37 -0.56 -0.33	36.12 -0.59 -0.01	36.01 -0.55 -0.02	36.70 -0.52 -0.02	37.43 -0.53 0.00	38.88 -0.59 0.00	40.64 -0.62 -0.02	45.57 -0.68 -0.78	48.16 -0.54 0.00	51.74 -0.68 0.00	50.49 -0.67 0.00	45.68 -0.37 0.00	35.77 -0.18 0.00	33.11 -0.07 0.00
NEG CENTRAL___INDECK 23768	23.22 -0.33 -1.49	20.13 -0.20 -1.73	20.29 -0.19 -1.33	18.13 -0.18 -1.67	21.12 -0.28 -1.24	27.96 -0.51 0.00	33.46 -0.82 0.00	38.83 -1.16 -0.17	46.99 -1.47 -8.61	52.99 -1.35 -15.91	39.54 -1.54 -3.48	35.29 -1.51 -0.11	35.18 -1.53 -0.17	35.88 -1.49 -0.17	36.48 -1.48 0.00	38.09 -1.38 0.00	39.97 -1.44 -0.17	52.48 -1.46 -8.47	47.87 -0.83 0.00	52.00 -0.42 0.00	50.90 -0.25 0.00	46.09 0.05 0.00	36.13 0.18 0.00	33.42 0.23 0.00
NEG CENTRAL___SENECA 23627	23.07 -0.20 -1.22	19.87 -0.15 -1.41	20.09 -0.15 -1.09	17.89 -0.12 -1.36	20.99 -0.18 -1.01	28.10 -0.37 0.00	33.73 -0.55 0.00	39.25 -0.60 -0.03	40.46 -0.68 -1.29	40.30 -0.50 -2.38	37.56 -0.56 -0.52	36.08 -0.62 -0.02	35.98 -0.58 -0.03	36.71 -0.52 -0.03	37.43 -0.53 0.00	38.88 -0.59 0.00	40.65 -0.62 -0.03	46.14 -0.59 -1.26	48.21 -0.49 0.00	51.79 -0.63 0.00	50.54 -0.61 0.00	45.82 -0.23 0.00	35.91 -0.04 0.00	33.25 0.07 0.00
NEG CENTRAL___STATE_STREET 24147	22.99 -0.09 -1.02	19.72 -0.07 -1.19	19.99 -0.08 -0.91	17.70 -0.08 -1.14	20.91 -0.10 -0.85	28.22 -0.26 0.00	33.94 -0.34 0.00	39.34 -0.48 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.19 -0.41 0.00	36.29 -0.40 0.00	36.18 -0.37 0.00	36.87 -0.33 0.00	37.62 -0.34 0.00	39.08 -0.39 0.00	40.87 -0.37 0.00	44.97 -0.50 0.00	48.36 -0.34 0.00	52.06 -0.37 0.00	50.80 -0.36 0.00	45.77 -0.28 0.00	35.84 -0.11 0.00	33.15 -0.03 0.00
NEG MILLWOOD___DRP 24198	32.35 1.83 -8.47	29.97 1.54 -9.82	28.26 1.55 -7.56	27.50 1.38 -9.47	28.89 1.69 -7.03	30.72 2.25 0.00	36.54 2.26 0.00	42.81 2.99 0.00	43.04 3.19 0.00	41.46 3.04 0.00	40.50 2.90 0.00	39.41 2.72 0.00	39.25 2.70 0.00	39.99 2.79 0.00	40.81 2.85 0.00	42.35 2.88 0.00	44.42 3.18 0.00	48.97 3.50 0.00	52.15 3.46 0.00	56.14 3.72 0.00	54.74 3.58 0.00	49.13 3.09 0.00	38.68 2.73 0.00	35.90 2.72 0.00
NEG NORTH_FLCN_SEA 23793	21.66 -0.40 0.00	18.27 -0.33 0.00	18.84 -0.31 0.00	16.41 -0.23 0.00	19.94 -0.22 0.00	28.30 -0.17 0.00	34.59 0.31 0.00	40.26 0.44 0.00	40.29 0.44 0.00	38.89 0.46 0.00	38.13 0.53 0.00	37.17 0.48 0.00	37.02 0.48 0.00	37.61 0.41 0.00	38.30 0.34 0.00	39.87 0.39 0.00	41.61 0.37 0.00	45.88 0.41 0.00	49.33 0.63 0.00	53.10 0.68 0.00	51.72 0.56 0.00	46.46 0.41 0.00	35.98 0.04 0.00	32.82 -0.36 0.00
NEG NORTH_KES_CHATEGAY 23792	21.46 -0.60 0.00	18.11 -0.50 0.00	18.67 -0.48 0.00	16.26 -0.38 0.00	19.76 -0.40 0.00	28.07 -0.40 0.00	34.31 0.03 0.00	39.94 0.12 0.00	39.93 0.08 0.00	38.54 0.12 0.00	37.76 0.15 0.00	36.80 0.11 0.00	36.65 0.11 0.00	37.24 0.04 0.00	37.92 -0.04 0.00	39.51 0.04 0.00	41.24 0.00 0.00	45.47 0.00 0.00	48.89 0.19 0.00	52.68 0.26 0.00	51.31 0.15 0.00	46.09 0.05 0.00	35.69 -0.25 0.00	32.52 -0.66 0.00
NEG NORTH___ALICE_FALLS 23915	21.68 -0.37 0.00	18.29 -0.32 0.00	18.84 -0.31 0.00	16.41 -0.23 0.00	19.94 -0.22 0.00	28.30 -0.17 0.00	34.62 0.34 0.00	40.34 0.52 0.00	40.33 0.48 0.00	38.93 0.50 0.00	38.17 0.56 0.00	37.21 0.51 0.00	37.09 0.55 0.00	37.65 0.45 0.00	38.34 0.38 0.00	39.95 0.47 0.00	41.74 0.49 0.00	46.02 0.55 0.00	49.48 0.78 0.00	53.31 0.89 0.00	51.92 0.77 0.00	46.60 0.55 0.00	36.09 0.14 0.00	32.85 -0.33 0.00
NEG NORTH___LWR_SARANAC 23913	21.68 -0.37 0.00	18.29 -0.32 0.00	18.84 -0.31 0.00	16.41 -0.23 0.00	19.94 -0.22 0.00	28.30 -0.17 0.00	34.62 0.34 0.00	40.34 0.52 0.00	40.33 0.48 0.00	38.93 0.50 0.00	38.17 0.56 0.00	37.21 0.51 0.00	37.09 0.55 0.00	37.65 0.45 0.00	38.34 0.38 0.00	39.95 0.47 0.00	41.74 0.49 0.00	46.02 0.55 0.00	49.48 0.78 0.00	53.31 0.89 0.00	51.92 0.77 0.00	46.60 0.55 0.00	36.09 0.14 0.00	32.85 -0.33 0.00
NEG NORTH___PLATTSBURG 23628	21.70 -0.35 0.00	18.29 -0.32 0.00	18.84 -0.31 0.00	16.41 -0.23 0.00	19.94 -0.22 0.00	28.30 -0.17 0.00	34.62 0.34 0.00	40.34 0.52 0.00	40.33 0.48 0.00	38.93 0.50 0.00	38.17 0.56 0.00	37.21 0.51 0.00	37.09 0.55 0.00	37.65 0.45 0.00	38.34 0.38 0.00	39.95 0.48 0.00	41.78 0.53 0.00	46.02 0.55 0.00	49.47 0.78 0.00	53.31 0.89 0.00	51.92 0.77 0.00	46.60 0.55 0.00	36.09 0.14 0.00	32.85 -0.33 0.00
NEG WEST_LEA_LOCKPORT 23791	21.86 -1.50 -1.30	18.85 -1.27 -1.51	19.01 -1.30 -1.16	16.96 -1.13 -1.46	19.77 -1.47 -1.08	26.08 -2.39 0.00	31.09 -3.19 0.00	35.84 -3.94 0.04	34.05 -3.87 1.94	31.39 -3.46 3.58	33.24 -3.57 0.79	32.96 -3.71 0.02	32.92 -3.58 0.04	33.52 -3.65 0.04	34.20 -3.76 0.00	35.64 -3.83 0.00	37.04 -4.17 0.04	39.04 -4.68 1.75	44.02 -4.67 0.00	47.49 -4.93 0.00	46.65 -4.50 0.00	42.32 -3.73 0.00	33.61 -2.34 0.00	31.29 -1.89 0.00
NEG WEST___LANCASTR 23811	21.79 -1.79 -1.52	18.86 -1.51 -1.76	18.96 -1.55 -1.36	17.03 -1.31 -1.70	19.75 -1.67 -1.26	26.85 -1.62 0.00	32.02 -2.26 0.00	38.55 -1.23 0.04	36.68 -1.24 1.94	33.89 -0.96 3.58	35.72 -1.09 0.79	34.17 -2.50 0.03	33.87 -2.63 0.04	34.93 -2.23 0.04	35.27 -2.70 0.00	36.75 -2.72 0.00	38.32 -2.89 0.04	42.18 -1.64 1.66	45.34 -3.36 0.00	48.96 -3.46 0.00	48.04 -3.12 0.00	43.52 -2.53 0.00	34.47 -1.47 0.00	32.22 -0.96 0.00
NEG_PENN_ALLEGHNY 23528	24.91 0.04 -2.81	21.94 0.07 -3.26	21.72 0.06 -2.51	19.87 0.08 -3.14	22.57 0.08 -2.33	28.59 0.11 0.00	34.18 -0.10 0.00	39.90 0.08 0.00	39.94 0.08 -0.01	38.64 0.19 -0.02	37.76 0.15 0.00	36.62 -0.07 0.00	36.50 -0.04 0.00	37.24 0.04 0.00	38.00 0.04 0.00	39.47 0.00 0.00	41.20 -0.04 0.00	45.64 0.14 -0.04	48.70 0.00 0.00	52.47 0.05 0.00	51.21 0.05 0.00	46.19 0.14 0.00	36.23 0.29 0.00	33.58 0.40 0.00
NEG___GEN_MONROE 24207	22.65 -0.46 -1.06	19.44 -0.39 -1.22	19.69 -0.40 -0.94	17.45 -0.37 -1.18	20.53 -0.50 -0.88	27.36 -1.11 0.00	32.81 -1.47 0.00	37.59 -2.23 0.00	37.58 -2.27 0.00	36.35 -2.08 0.00	35.46 -2.14 0.00	34.71 -1.98 0.00	34.71 -1.83 0.00	35.27 -1.93 0.00	35.99 -1.97 0.00	37.54 -1.93 0.00	38.93 -2.31 0.00	42.83 -2.64 0.00	46.51 -2.19 0.00	50.17 -2.25 0.00	49.21 -1.94 0.00	44.48 -1.57 0.00	35.01 -0.93 0.00	32.48 -0.70 0.00
NEPA___ENERGY 23901	22.46 -1.12 -1.53	19.44 -0.95 -1.78	19.56 -0.96 -1.37	17.57 -0.78 -1.72	20.41 -1.03 -1.27	26.99 -1.48 0.00	32.19 -2.09 0.00	37.79 -1.99 0.04	35.71 -1.99 2.15	32.73 -1.73 3.97	34.88 -1.84 0.88	34.32 -2.35 0.03	34.20 -2.30 0.04	35.00 -2.16 0.04	35.65 -2.32 0.00	37.14 -2.33 0.00	38.68 -2.52 0.04	41.38 -2.23 1.87	45.92 -2.78 0.00	49.54 -2.88 0.00	48.60 -2.56 0.00	43.98 -2.07 0.00	34.83 -1.11 0.00	32.42 -0.76 0.00

NEVERSINK___HYD 23608	31.44 1.83 -7.56	28.92 1.54 -8.77	27.45 1.55 -6.75	26.48 1.38 -8.46	28.11 1.67 -6.28	30.72 2.25 0.00	36.58 2.30 0.00	42.85 3.03 0.00	43.12 3.27 0.00	41.50 3.08 0.00	40.39 2.78 0.00	39.26 2.57 0.00	39.10 2.56 0.00	39.77 2.57 0.00	40.62 2.66 0.00	42.23 2.76 0.00	44.21 2.97 0.00	48.92 3.45 0.00	52.15 3.46 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.32 3.27 0.00	38.86 2.91 0.00	36.04 2.85 0.00
NEWKRMKL_115KV_TB1 55635	33.36 0.64 -10.67	31.50 0.52 -12.37	29.23 0.56 -9.52	29.06 0.48 -11.94	29.58 0.56 -8.86	29.27 0.80 0.00	34.86 0.58 0.00	32.37 0.84 8.29	37.91 0.76 2.70	39.01 0.58 0.00	37.79 0.68 0.49	36.24 0.73 1.18	36.95 0.66 0.25	37.14 0.71 0.77	38.68 0.72 0.00	40.12 0.71 0.07	39.50 0.78 2.53	46.38 0.91 0.00	49.48 0.78 0.00	53.26 0.84 0.00	51.92 0.77 0.00	46.69 0.64 0.00	36.85 0.90 0.00	34.21 1.03 0.00
NEWTON___FALLS_HYD 23847	21.28 -0.99 -0.22	18.03 -0.84 -0.26	18.49 -0.86 -0.20	16.09 -0.80 -0.25	19.41 -0.93 -0.18	27.31 -1.17 0.00	33.29 -0.99 0.00	38.67 -1.15 0.00	38.66 -1.20 0.00	37.20 -1.23 0.00	36.48 -1.13 0.00	35.52 -1.17 0.00	35.34 -1.21 0.00	35.94 -1.26 0.00	36.75 -1.21 0.00	38.21 -1.26 0.00	39.88 -1.36 0.00	43.88 -1.59 0.00	47.28 -1.41 0.00	51.11 -1.31 0.00	49.77 -1.38 0.00	44.94 -1.11 0.00	34.87 -1.08 0.00	31.82 -1.36 0.00
NGRID_A1_DSASP 323792	21.92 -1.46 -1.32	18.97 -1.17 -1.53	19.14 -1.19 -1.18	17.08 -1.03 -1.48	19.92 -1.33 -1.10	26.25 -2.22 0.00	30.99 -3.29 0.00	35.40 -4.38 0.04	33.56 -4.38 1.91	30.96 -3.96 3.51	32.76 -4.06 0.78	32.85 -3.82 0.02	32.77 -3.73 0.04	33.29 -3.87 0.04	33.98 -3.99 0.00	35.41 -4.06 0.00	36.79 -4.41 0.04	38.62 -5.18 1.66	43.63 -5.07 0.00	47.02 -5.40 0.00	45.99 -5.16 0.00	41.95 -4.10 0.00	33.36 -2.59 0.00	31.09 -2.09 0.00
NGRID_A2_DSASP 323793	21.92 -1.46 -1.32	18.97 -1.17 -1.53	19.14 -1.19 -1.18	17.08 -1.03 -1.48	19.92 -1.33 -1.10	26.25 -2.22 0.00	30.99 -3.29 0.00	35.40 -4.38 0.04	33.56 -4.38 1.91	30.96 -3.96 3.51	32.76 -4.06 0.78	32.85 -3.82 0.02	32.77 -3.73 0.04	33.29 -3.87 0.04	33.98 -3.99 0.00	35.41 -4.06 0.00	36.79 -4.41 0.04	38.62 -5.18 1.66	43.63 -5.07 0.00	47.02 -5.40 0.00	45.99 -5.16 0.00	41.95 -4.10 0.00	33.36 -2.59 0.00	31.09 -2.09 0.00
NGRID_A4_DSASP 323807	21.92 -1.46 -1.32	18.97 -1.17 -1.53	19.14 -1.19 -1.18	17.08 -1.03 -1.48	19.92 -1.33 -1.10	26.25 -2.22 0.00	30.99 -3.29 0.00	35.40 -4.38 0.04	33.56 -4.38 1.91	30.96 -3.96 3.51	32.76 -4.06 0.78	32.85 -3.82 0.02	32.77 -3.73 0.04	33.29 -3.87 0.04	33.98 -3.99 0.00	35.41 -4.06 0.00	36.79 -4.41 0.04	38.62 -5.18 1.66	43.63 -5.07 0.00	47.02 -5.40 0.00	45.99 -5.16 0.00	41.95 -4.10 0.00	33.36 -2.59 0.00	31.09 -2.09 0.00
NIAGARA_115E_LBMP 323715	21.31 -2.07 -1.33	18.50 -1.66 -1.54	18.63 -1.70 -1.19	16.65 -1.48 -1.49	19.37 -1.90 -1.11	25.77 -2.71 0.00	30.44 -3.84 0.00	35.08 -4.70 0.04	33.39 -4.54 1.92	30.85 -4.03 3.54	32.64 -4.18 0.79	32.34 -4.33 0.03	32.26 -4.24 0.04	32.85 -4.31 0.04	33.48 -4.48 0.00	34.89 -4.58 0.00	36.25 -4.95 0.04	38.17 -5.69 1.62	43.10 -5.60 0.00	46.50 -5.92 0.00	45.48 -5.68 0.00	41.44 -4.60 0.00	32.93 -3.02 0.00	30.63 -2.55 0.00
NIAGARA_115W_LBMP 323714	21.87 -1.50 -1.31	18.92 -1.21 -1.52	19.10 -1.23 -1.17	17.05 -1.07 -1.47	19.88 -1.37 -1.09	26.19 -2.28 0.00	30.92 -3.36 0.00	35.32 -4.46 0.04	33.48 -4.46 1.91	30.88 -4.03 3.52	32.69 -4.14 0.78	32.78 -3.89 0.02	32.70 -3.80 0.04	33.22 -3.94 0.04	33.94 -4.02 0.00	35.33 -4.14 0.00	36.75 -4.46 0.04	38.48 -5.27 1.71	43.53 -5.16 0.00	46.92 -5.50 0.00	45.94 -5.22 0.00	41.86 -4.19 0.00	33.29 -2.66 0.00	31.02 -2.16 0.00
NIAGARA_230_LBMP 323716	21.94 -1.41 -1.30	18.98 -1.14 -1.50	19.14 -1.17 -1.16	17.11 -0.98 -1.45	19.95 -1.29 -1.08	26.34 -2.14 0.00	31.13 -3.15 0.00	35.61 -4.18 0.04	33.77 -4.18 1.90	31.14 -3.76 3.52	33.00 -3.84 0.77	33.00 -3.67 0.02	32.93 -3.58 0.04	33.45 -3.72 0.04	34.13 -3.83 0.00	35.56 -3.91 0.00	37.00 -4.21 0.04	38.56 -4.91 2.00	43.83 -4.87 0.00	47.23 -5.19 0.00	46.24 -4.91 0.00	42.09 -3.96 0.00	33.47 -2.48 0.00	31.19 -1.99 0.00
NIAGARA___115KV_198_GIBSON 55903	21.98 -1.39 -1.31	18.92 -1.21 -1.52	19.10 -1.23 -1.17	17.05 -1.06 -1.47	19.88 -1.37 -1.09	26.00 -2.48 0.00	30.92 -3.36 0.00	35.32 -4.46 0.04	33.48 -4.46 1.91	30.88 -4.04 3.52	32.69 -4.14 0.78	32.67 -4.00 0.02	32.70 -3.80 0.04	33.22 -3.94 0.04	33.94 -4.02 0.00	35.33 -4.14 0.00	36.71 -4.50 0.04	38.53 -5.23 1.71	43.53 -5.16 0.00	46.92 -5.50 0.00	46.09 -5.06 0.00	41.86 -4.19 0.00	33.29 -2.66 0.00	31.06 -2.12 0.00
NIAGARA____ 23760	21.97 -1.41 -1.33	19.01 -1.14 -1.54	19.17 -1.17 -1.18	17.14 -0.98 -1.48	19.97 -1.29 -1.10	26.34 -2.14 0.00	31.13 -3.15 0.00	35.60 -4.18 0.04	33.76 -4.18 1.91	31.13 -3.76 3.53	32.99 -3.84 0.78	33.00 -3.67 0.02	32.92 -3.58 0.04	33.44 -3.72 0.04	34.13 -3.83 0.00	35.56 -3.91 0.00	37.00 -4.21 0.04	38.72 -4.91 1.84	43.83 -4.87 0.00	47.23 -5.19 0.00	46.24 -4.91 0.00	42.09 -3.96 0.00	33.47 -2.48 0.00	31.19 -1.99 0.00
NINE_MILE_1 23575	22.00 -0.55 -0.50	18.72 -0.46 -0.58	19.12 -0.48 -0.45	16.78 -0.42 -0.56	20.05 -0.52 -0.42	27.68 -0.80 0.00	33.22 -1.06 0.00	38.39 -1.43 0.00	38.38 -1.47 0.00	37.08 -1.35 0.00	36.29 -1.32 0.00	35.44 -1.25 0.00	35.30 -1.24 0.00	35.94 -1.27 0.00	36.71 -1.25 0.00	38.13 -1.34 0.00	39.84 -1.40 0.00	43.88 -1.59 0.00	47.04 -1.66 0.00	50.64 -1.78 0.00	49.36 -1.79 0.00	44.53 -1.52 0.00	34.87 -1.08 0.00	32.29 -0.89 0.00
NINE_MILE_2 23744	22.00 -0.55 -0.50	18.72 -0.46 -0.58	19.12 -0.48 -0.45	16.78 -0.42 -0.56	20.07 -0.50 -0.41	27.68 -0.80 0.00	33.22 -1.06 0.00	38.39 -1.43 0.00	38.42 -1.43 0.00	37.08 -1.35 0.00	36.29 -1.32 0.00	35.44 -1.25 0.00	35.30 -1.24 0.00	35.98 -1.23 0.00	36.71 -1.25 0.00	38.17 -1.30 0.00	39.84 -1.40 0.00	43.88 -1.59 0.00	47.04 -1.66 0.00	50.64 -1.78 0.00	49.42 -1.74 0.00	44.53 -1.52 0.00	34.87 -1.08 0.00	32.29 -0.89 0.00
NM_CAPITAL___DRP 24208	33.38 0.68 -10.65	31.53 0.58 -12.35	29.27 0.61 -9.51	29.08 0.53 -11.91	29.63 0.62 -8.84	29.36 0.88 0.00	34.93 0.65 0.00	30.28 0.92 10.46	37.28 0.84 3.41	39.08 0.65 0.00	37.70 0.71 0.62	35.97 0.77 1.50	36.95 0.73 0.32	36.98 0.74 0.97	38.72 0.76 0.00	40.14 0.75 0.08	38.92 0.87 3.19	46.47 1.00 0.00	49.57 0.88 0.00	53.37 0.94 0.00	52.08 0.92 0.00	46.83 0.78 0.00	36.88 0.93 0.00	34.28 1.09 0.00
NM_CENTRAL___DRP 24181	22.71 -0.11 -0.77	19.40 -0.09 -0.89	19.74 -0.10 -0.68	17.41 -0.08 -0.86	20.67 -0.12 -0.64	28.22 -0.26 0.00	33.83 -0.45 0.00	39.30 -0.52 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.23 -0.38 0.00	36.36 -0.33 0.00	36.25 -0.29 0.00	36.94 -0.26 0.00	37.70 -0.27 0.00	39.20 -0.28 0.00	40.91 -0.33 0.00	45.02 -0.45 0.00	48.26 -0.44 0.00	51.95 -0.47 0.00	50.64 -0.51 0.00	45.68 -0.37 0.00	35.77 -0.18 0.00	33.11 -0.07 0.00

NM_FRONTIER___DRP 24179	21.98 -1.39 -1.31	18.92 -1.21 -1.52	19.10 -1.23 -1.17	17.05 -1.06 -1.47	19.88 -1.37 -1.09	26.00 -2.48 0.00	30.92 -3.36 0.00	35.32 -4.46 0.04	33.48 -4.46 1.91	30.88 -4.04 3.52	32.69 -4.14 0.78	32.67 -4.00 0.02	32.70 -3.80 0.04	33.22 -3.94 0.04	33.94 -4.02 0.00	35.33 -4.14 0.00	36.71 -4.50 0.04	38.53 -5.23 1.71	43.53 -5.16 0.00	46.92 -5.50 0.00	46.09 -5.06 0.00	41.86 -4.19 0.00	33.29 -2.66 0.00	31.06 -2.12 0.00
NM_ST_REGIS___HYD 24053	21.06 -0.99 0.00	17.77 -0.84 0.00	18.29 -0.86 0.00	15.87 -0.77 0.00	19.27 -0.89 0.00	27.39 -1.08 0.00	33.70 -0.58 0.00	39.22 -0.60 0.00	39.22 -0.64 0.00	37.81 -0.61 0.00	37.08 -0.53 0.00	36.14 -0.55 0.00	35.99 -0.55 0.00	36.53 -0.67 0.00	37.28 -0.68 0.00	38.84 -0.63 0.00	40.50 -0.74 0.00	44.47 -1.00 0.00	47.82 -0.88 0.00	51.58 -0.84 0.00	50.29 -0.87 0.00	45.22 -0.83 0.00	34.98 -0.97 0.00	31.75 -1.43 0.00
NORTHPORT___1 23551	45.14 2.38 -20.70	38.73 2.03 -18.09	34.76 2.07 -13.54	30.32 1.81 -11.87	33.41 2.22 -11.03	37.88 2.96 -6.45	45.46 3.12 -8.06	46.66 3.79 -3.05	47.02 3.91 -3.26	47.76 3.50 -5.83	51.65 2.56 -11.48	51.66 2.31 -12.65	53.23 2.41 -14.28	54.94 2.45 -15.28	56.58 2.47 -16.15	56.67 2.56 -14.64	56.71 2.76 -12.71	76.48 3.18 -27.83	61.10 3.02 -9.39	63.45 3.25 -7.77	60.71 3.22 -6.33	60.46 2.76 -11.65	44.05 2.62 -5.48	42.73 3.22 -6.33
NORTHPORT___2 23552	45.14 2.38 -20.70	38.73 2.03 -18.09	34.76 2.07 -13.54	30.32 1.81 -11.87	33.41 2.22 -11.03	37.88 2.96 -6.45	45.46 3.12 -8.06	46.66 3.79 -3.05	47.02 3.91 -3.26	47.76 3.50 -5.83	51.65 2.56 -11.48	51.66 2.31 -12.65	53.23 2.41 -14.28	54.94 2.45 -15.28	56.58 2.47 -16.15	56.67 2.56 -14.64	56.71 2.76 -12.71	76.48 3.18 -27.83	61.10 3.02 -9.39	63.45 3.25 -7.77	60.71 3.22 -6.33	60.46 2.76 -11.65	44.05 2.62 -5.48	42.73 3.22 -6.33
NORTHPORT___3 23553	45.07 2.32 -20.70	38.67 1.97 -18.09	34.68 1.99 -13.54	30.24 1.73 -11.87	33.33 2.14 -11.03	37.77 2.85 -6.45	45.32 2.98 -8.06	46.54 3.66 -3.05	46.89 3.75 -3.29	47.74 3.42 -5.89	51.75 2.56 -11.59	51.81 2.35 -12.77	53.40 2.45 -14.41	55.12 2.49 -15.42	56.76 2.50 -16.30	56.85 2.60 -14.77	56.83 2.76 -12.82	76.78 3.23 -28.08	61.19 3.02 -9.47	63.51 3.25 -7.84	60.77 3.22 -6.38	60.52 2.72 -11.75	44.42 2.95 -5.52	42.85 3.35 -6.32
NORTHPORT___4 23650	45.07 2.32 -20.70	38.67 1.97 -18.09	34.68 1.99 -13.54	30.24 1.73 -11.87	33.33 2.14 -11.03	37.77 2.85 -6.45	45.32 2.98 -8.06	46.54 3.66 -3.05	46.89 3.75 -3.29	47.74 3.42 -5.89	51.75 2.56 -11.59	51.81 2.35 -12.77	53.40 2.45 -14.41	55.12 2.49 -15.42	56.76 2.50 -16.30	56.85 2.60 -14.77	56.83 2.76 -12.82	76.78 3.23 -28.08	61.19 3.02 -9.47	63.51 3.25 -7.84	60.77 3.22 -6.38	60.52 2.72 -11.75	44.42 2.95 -5.52	42.85 3.35 -6.32
NORTHPORT___IC 23718	45.16 2.40 -20.70	38.73 2.03 -18.09	34.76 2.07 -13.54	30.32 1.81 -11.87	33.41 2.22 -11.03	37.91 2.99 -6.45	45.46 3.12 -8.06	46.66 3.78 -3.05	47.06 3.95 -3.26	47.76 3.50 -5.83	51.65 2.56 -11.48	51.77 2.42 -12.65	53.23 2.41 -14.28	54.94 2.46 -15.28	56.54 2.43 -16.15	56.67 2.57 -14.64	56.71 2.76 -12.71	76.48 3.18 -27.83	61.10 3.02 -9.39	63.45 3.25 -7.77	60.66 3.17 -6.33	60.46 2.76 -11.65	44.05 2.62 -5.48	42.73 3.22 -6.33
NORTH___COUNTRY_ESR 323785	21.44 -0.62 0.00	18.07 -0.54 0.00	18.64 -0.52 0.00	16.22 -0.42 0.00	19.72 -0.44 0.00	28.02 -0.46 0.00	34.25 -0.03 0.00	39.86 0.04 0.00	39.89 0.04 0.00	38.51 0.08 0.00	37.72 0.11 0.00	36.77 0.07 0.00	36.65 0.11 0.00	37.24 0.04 0.00	37.92 -0.04 0.00	39.47 0.00 0.00	41.24 0.00 0.00	45.38 -0.09 0.00	48.79 0.10 0.00	52.53 0.11 0.00	51.21 0.05 0.00	46.00 -0.05 0.00	35.59 -0.36 0.00	32.45 -0.73 0.00
NPX_GEN_1385_PROXY 323591	38.25 2.32 -13.88	35.38 1.97 -14.80	32.55 1.99 -11.41	30.29 1.78 -11.87	33.39 2.20 -11.03	37.88 2.96 -6.45	45.60 3.26 -8.06	46.74 3.86 -3.05	47.02 3.91 -3.26	35.62 3.34 6.15	34.96 2.41 5.05	35.22 2.16 3.64	35.00 2.27 3.81	36.38 2.31 3.13	37.09 2.35 3.23	38.77 2.45 3.15	41.57 2.60 2.27	60.33 3.05 -11.81	61.00 2.92 -9.39	63.34 3.15 -7.77	60.61 3.12 -6.33	60.24 2.58 -11.61	44.02 2.59 -5.48	37.00 3.09 -0.73
NPX_GEN_CSC 323557	45.69 2.93 -20.70	39.18 2.48 -18.09	35.22 2.53 -13.54	30.70 2.20 -11.87	33.89 2.70 -11.03	38.56 3.65 -6.45	46.28 3.94 -8.06	47.89 5.02 -3.05	48.34 5.18 -3.31	49.15 4.80 -5.92	53.09 3.84 -11.65	53.05 3.52 -12.83	54.65 3.62 -14.49	56.42 3.72 -15.50	58.14 3.80 -16.38	58.26 3.95 -14.85	58.34 4.21 -12.89	78.62 4.91 -28.24	63.09 4.87 -9.53	65.60 5.24 -7.94	62.75 5.16 -6.43	62.39 4.52 -11.83	48.10 4.06 -8.09	43.95 4.38 -6.39
NSINS_S_GLNS_FALLS 23858	34.28 1.30 -10.92	32.32 1.04 -12.67	30.02 1.11 -9.75	29.79 0.93 -12.22	30.38 1.15 -9.07	30.15 1.68 0.00	35.93 1.65 0.00	48.94 2.19 -6.93	44.18 2.07 -2.26	40.12 1.69 0.00	39.82 1.81 -0.41	39.52 1.83 -0.99	38.43 1.68 -0.21	39.70 1.86 -0.64	39.94 1.97 0.00	41.50 1.97 -0.05	45.54 2.19 -2.11	47.88 2.41 0.00	51.33 2.63 0.00	55.46 3.04 0.00	53.97 2.81 0.00	48.54 2.49 0.00	38.14 2.19 0.00	35.27 2.09 0.00
NUCOR_STEEL___DRP 24197	23.00 -0.02 -0.97	19.73 0.00 -1.12	20.02 0.00 -0.87	17.72 0.00 -1.08	20.94 -0.02 -0.80	28.33 -0.14 0.00	34.01 -0.27 0.00	39.42 -0.40 0.00	39.38 -0.48 0.00	38.12 -0.31 0.00	37.27 -0.34 0.00	36.36 -0.33 0.00	36.29 -0.26 0.00	36.94 -0.26 0.00	37.70 -0.27 0.00	39.16 -0.32 0.00	40.95 -0.29 0.00	45.06 -0.41 0.00	48.40 -0.29 0.00	52.16 -0.26 0.00	50.85 -0.31 0.00	45.82 -0.23 0.00	35.91 -0.04 0.00	33.21 0.03 0.00
NUMBER_THREE_WT_PWR 323818	21.93 -0.42 -0.30	18.62 -0.33 -0.35	19.06 -0.36 -0.27	16.59 -0.38 -0.34	20.01 -0.40 -0.25	28.05 -0.43 0.00	33.80 -0.48 0.00	39.30 -0.52 0.00	39.30 -0.56 0.00	37.78 -0.65 0.00	37.00 -0.60 0.00	36.03 -0.66 0.00	35.81 -0.73 0.00	36.46 -0.74 0.00	37.32 -0.65 0.00	38.72 -0.75 0.00	40.50 -0.74 0.00	44.74 -0.73 0.00	48.21 -0.49 0.00	52.11 -0.31 0.00	50.80 -0.36 0.00	45.91 -0.14 0.00	35.77 -0.18 0.00	32.82 -0.36 0.00
NYISO_LBMP_REFERENCE 24008	22.05 0.00 0.00	18.61 0.00 0.00	19.15 0.00 0.00	16.64 0.00 0.00	20.16 0.00 0.00	28.47 0.00 0.00	34.28 0.00 0.00	39.82 0.00 0.00	39.85 0.00 0.00	38.43 0.00 0.00	37.61 0.00 0.00	36.69 0.00 0.00	36.54 0.00 0.00	37.20 0.00 0.00	37.96 0.00 0.00	39.47 0.00 0.00	41.24 0.00 0.00	45.47 0.00 0.00	48.70 0.00 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.05 0.00 0.00	35.95 0.00 0.00	33.18 0.00 0.00
NYPA_BRENTWD____GT 24164	45.42 2.67 -20.70	38.95 2.25 -18.09	34.99 2.30 -13.54	30.50 2.00 -11.87	33.65 2.46 -11.03	38.22 3.30 -6.45	45.87 3.53 -8.06	47.29 4.42 -3.05	47.80 4.58 -3.36	48.63 4.19 -6.02	52.76 3.31 -11.84	52.75 3.01 -13.05	54.37 3.10 -14.73	56.16 3.20 -15.76	57.84 3.22 -16.65	57.92 3.35 -15.09	57.93 3.59 -13.10	78.17 4.00 -28.70	62.27 3.90 -9.68	64.64 4.20 -8.03	61.83 4.14 -6.53	61.79 3.73 -12.01	45.74 3.45 -6.34	43.37 3.85 -6.34

NYPA_GOWANUS____GT5 24156	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NYPA_GOWANUS____GT6 24157	32.50 2.03 -8.42	30.17 1.80 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.22 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.35 3.08 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.49 3.22 -11.31	53.56 3.35 -10.73	53.39 3.46 -8.68	50.47 3.95 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.94 3.79 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06
NYPA_HARLEM__RVR__GT1 24160	32.32 1.87 -8.40	30.04 1.69 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.71 2.25 0.01	36.47 2.20 0.01	42.76 2.95 0.01	43.07 3.23 0.01	41.65 3.23 0.01	40.64 3.04 0.01	39.51 2.83 0.01	39.42 2.89 0.01	40.13 2.94 0.01	40.92 2.96 0.01	42.54 3.08 0.01	44.41 3.18 0.01	49.10 3.64 0.01	51.90 3.21 0.01	55.82 3.41 0.01	54.52 3.38 0.01	48.94 2.90 0.01	38.45 2.52 0.01	35.83 2.66 0.01
NYPA_HARLEM__RVR__GT2 24161	32.32 1.87 -8.40	30.04 1.69 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.71 2.25 0.01	36.47 2.20 0.01	42.76 2.95 0.01	43.07 3.23 0.01	41.65 3.23 0.01	40.64 3.04 0.01	39.51 2.83 0.01	39.42 2.89 0.01	40.13 2.94 0.01	40.92 2.96 0.01	42.54 3.08 0.01	44.41 3.18 0.01	49.10 3.64 0.01	51.90 3.21 0.01	55.82 3.41 0.01	54.52 3.38 0.01	48.94 2.90 0.01	38.45 2.52 0.01	35.83 2.66 0.01
NYPA_KENT____GT 24152	32.47 2.01 -8.41	30.13 1.77 -9.75	28.48 1.82 -7.51	27.60 1.56 -9.40	29.09 1.95 -6.98	30.99 2.51 -0.01	36.77 2.47 -0.02	43.06 3.22 -0.02	43.39 3.51 -0.03	46.74 3.46 -4.85	46.64 3.27 -5.77	46.97 3.08 -7.20	46.96 3.14 -7.28	47.02 3.16 -6.65	47.66 3.22 -6.47	48.93 3.32 -6.14	49.68 3.46 -4.97	49.98 3.91 -0.60	52.30 3.60 0.00	56.20 3.78 0.00	54.89 3.73 0.00	49.30 3.22 -0.03	38.71 2.73 -0.03	36.10 2.89 -0.03
NYPA_POUCH1____GT 24155	32.48 2.01 -8.42	30.21 1.84 -9.76	28.57 1.90 -7.52	27.69 1.65 -9.40	29.20 2.06 -6.98	31.11 2.62 -0.02	36.78 2.47 -0.03	42.96 3.11 -0.03	43.26 3.35 -0.06	50.21 3.31 -8.47	50.80 3.12 -10.07	52.20 2.94 -12.58	52.25 3.00 -12.72	51.83 3.01 -11.62	52.34 3.07 -11.31	53.40 3.20 -10.73	53.22 3.30 -8.68	50.29 3.77 -1.05	52.25 3.55 0.00	56.20 3.78 0.00	54.84 3.69 0.00	49.19 3.09 -0.06	38.63 2.62 -0.06	35.99 2.75 -0.06
NYPA_VERNON____GT2 24162	32.46 2.01 -8.40	30.08 1.73 -9.74	28.41 1.76 -7.50	27.55 1.51 -9.40	29.03 1.89 -6.98	30.90 2.42 0.00	36.72 2.43 0.00	43.05 3.22 0.00	43.37 3.51 -0.01	43.12 3.46 -1.23	42.30 3.23 -1.46	41.56 3.04 -1.82	41.49 3.10 -1.84	42.05 3.16 -1.68	42.79 3.19 -1.64	44.30 3.27 -1.56	45.92 3.42 -1.26	49.53 3.91 -0.15	52.25 3.55 0.00	56.14 3.72 0.00	54.84 3.69 0.00	49.23 3.17 -0.01	38.69 2.73 -0.01	36.07 2.89 -0.01
NYPA_VERNON____GT3 24163	32.46 2.01 -8.40	30.08 1.73 -9.74	28.41 1.76 -7.50	27.55 1.51 -9.40	29.03 1.89 -6.98	30.90 2.42 0.00	36.72 2.43 0.00	43.05 3.22 0.00	43.37 3.51 -0.01	43.12 3.46 -1.23	42.30 3.23 -1.46	41.56 3.04 -1.82	41.49 3.10 -1.84	42.05 3.16 -1.68	42.79 3.19 -1.64	44.30 3.27 -1.56	45.92 3.42 -1.26	49.53 3.91 -0.15	52.25 3.55 0.00	56.14 3.72 0.00	54.84 3.69 0.00	49.23 3.17 -0.01	38.69 2.73 -0.01	36.07 2.89 -0.01
NYPA____ASTORIA_CC1 323568	32.41 1.96 -8.40	30.06 1.71 -9.74	28.39 1.74 -7.50	27.53 1.50 -9.39	29.01 1.88 -6.97	30.86 2.39 0.00	36.68 2.40 0.00	42.97 3.15 0.00	43.28 3.43 0.00	41.81 3.38 0.00	40.80 3.19 0.00	39.70 3.01 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.11 3.15 0.00	42.71 3.24 0.00	44.58 3.34 0.00	49.29 3.82 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.18 3.13 0.00	38.64 2.70 0.00	36.00 2.82 0.00
NYPA____ASTORIA_CC2 323569	32.41 1.96 -8.40	30.06 1.71 -9.74	28.39 1.74 -7.50	27.53 1.50 -9.39	29.01 1.88 -6.97	30.86 2.39 0.00	36.68 2.40 0.00	42.97 3.15 0.00	43.28 3.43 0.00	41.81 3.38 0.00	40.80 3.19 0.00	39.70 3.01 0.00	39.61 3.07 0.00	40.29 3.09 0.00	41.11 3.15 0.00	42.71 3.24 0.00	44.58 3.34 0.00	49.29 3.82 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.18 3.13 0.00	38.64 2.70 0.00	36.00 2.82 0.00
NYPA____HOLTSVILL 23794	45.40 2.65 -20.70	38.93 2.23 -18.09	34.97 2.28 -13.54	30.49 1.98 -11.87	33.63 2.44 -11.03	38.19 3.27 -6.45	45.84 3.50 -8.06	47.29 4.42 -3.05	47.74 4.58 -3.30	48.57 4.23 -5.91	52.55 3.31 -11.63	52.51 3.01 -12.81	54.11 3.10 -14.46	55.88 3.20 -15.48	57.54 3.22 -16.36	57.65 3.35 -14.82	57.70 3.59 -12.87	77.76 4.09 -28.19	62.20 3.99 -9.51	64.65 4.30 -7.93	61.82 4.24 -6.42	61.54 3.69 -11.81	47.43 3.45 -8.03	43.48 3.91 -6.39
NYPA____HELLGATE_GT1 24158	32.32 1.87 -8.40	30.04 1.69 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.71 2.25 0.01	36.47 2.20 0.01	42.76 2.95 0.01	43.07 3.23 0.01	41.65 3.23 0.01	40.64 3.04 0.01	39.51 2.83 0.01	39.42 2.89 0.01	40.13 2.94 0.01	40.92 2.96 0.01	42.54 3.08 0.01	44.41 3.18 0.01	49.10 3.64 0.01	51.90 3.21 0.01	55.82 3.41 0.01	54.52 3.38 0.01	48.94 2.90 0.01	38.45 2.52 0.01	35.83 2.66 0.01
NYPA____HELLGATE_GT2 24159	32.32 1.87 -8.40	30.04 1.69 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.71 2.25 0.01	36.47 2.20 0.01	42.76 2.95 0.01	43.07 3.23 0.01	41.65 3.23 0.01	40.64 3.04 0.01	39.51 2.83 0.01	39.42 2.89 0.01	40.13 2.94 0.01	40.92 2.96 0.01	42.54 3.08 0.01	44.41 3.18 0.01	49.10 3.64 0.01	51.90 3.21 0.01	55.82 3.41 0.01	54.52 3.38 0.01	48.94 2.90 0.01	38.45 2.52 0.01	35.83 2.66 0.01
NYS_BARGE____HYD 23848	21.69 -1.65 -1.29	18.80 -1.30 -1.50	18.96 -1.34 -1.15	16.90 -1.18 -1.45	19.72 -1.51 -1.07	26.25 -2.22 0.00	31.06 -3.22 0.00	35.80 -3.98 0.04	34.15 -3.90 1.80	31.66 -3.46 3.31	33.30 -3.57 0.74	33.00 -3.67 0.02	32.93 -3.58 0.04	33.52 -3.64 0.04	34.20 -3.76 0.00	35.64 -3.83 0.00	37.04 -4.16 0.04	39.12 -4.77 1.58	43.97 -4.72 0.00	47.49 -4.93 0.00	46.50 -4.65 0.00	42.32 -3.73 0.00	33.61 -2.34 0.00	31.22 -1.96 0.00
OAK ORCHARD____HYD 24046	22.53 -0.57 -1.05	19.39 -0.43 -1.21	19.65 -0.44 -0.93	17.41 -0.40 -1.17	20.48 -0.54 -0.87	27.36 -1.11 0.00	32.67 -1.61 0.00	37.43 -2.39 0.00	37.46 -2.39 0.00	36.32 -2.11 0.00	35.50 -2.11 0.00	34.93 -1.76 0.00	34.82 -1.72 0.00	35.42 -1.79 0.00	36.10 -1.86 0.00	37.70 -1.78 0.00	39.26 -1.98 0.00	42.88 -2.59 0.00	46.51 -2.19 0.00	50.12 -2.31 0.00	48.96 -2.20 0.00	44.35 -1.70 0.00	34.87 -1.08 0.00	32.29 -0.89 0.00

OAKDALE___35_KV_LOAD 356122	24.89 0.04 -2.79	21.88 0.04 -3.23	21.68 0.04 -2.49	19.83 0.07 -3.12	22.54 0.06 -2.32	28.50 0.03 0.00	34.11 -0.17 0.00	39.82 0.00 0.00	39.86 0.00 -0.01	38.53 0.08 -0.02	37.65 0.04 0.00	36.55 -0.15 0.00	36.40 -0.15 0.00	37.13 -0.07 0.00	37.85 -0.11 0.00	39.35 -0.12 0.00	41.12 -0.12 0.00	45.55 0.05 -0.04	48.55 -0.15 0.00	52.32 -0.10 0.00	51.10 -0.05 0.00	46.05 0.00 0.00	36.16 0.22 0.00	33.55 0.36 0.00
OCC_CHEM___DRP 24175	22.03 -1.35 -1.32	18.97 -1.17 -1.53	19.14 -1.19 -1.18	17.08 -1.03 -1.48	19.92 -1.33 -1.10	26.05 -2.42 0.00	30.99 -3.29 0.00	35.40 -4.38 0.04	33.56 -4.38 1.91	30.96 -3.96 3.51	32.76 -4.06 0.78	32.74 -3.93 0.02	32.78 -3.73 0.04	33.29 -3.87 0.04	34.01 -3.95 0.00	35.41 -4.07 0.00	36.75 -4.45 0.04	38.67 -5.14 1.66	43.63 -5.06 0.00	47.02 -5.40 0.00	46.19 -4.96 0.00	41.95 -4.10 0.00	33.36 -2.59 0.00	31.12 -2.06 0.00
OH_GEN_PROXY 24063	21.96 -1.39 -1.30	19.00 -1.12 -1.51	19.16 -1.15 -1.16	17.13 -0.97 -1.45	19.97 -1.27 -1.08	26.37 -2.11 0.00	31.19 -3.09 0.00	35.73 -4.06 0.03	34.06 -4.07 1.73	31.54 -3.69 3.20	33.15 -3.76 0.70	33.08 -3.59 0.02	33.00 -3.51 0.03	33.56 -3.61 0.03	34.24 -3.72 0.00	35.64 -3.83 0.00	37.09 -4.12 0.03	38.90 -4.77 1.80	43.97 -4.72 0.00	47.39 -5.03 0.00	46.40 -4.76 0.00	42.23 -3.82 0.00	33.50 -2.45 0.00	31.22 -1.96 0.00
OLIN_CORP_DRP 24177	21.54 -1.85 -1.34	18.58 -1.58 -1.55	18.74 -1.61 -1.20	16.72 -1.41 -1.50	19.48 -1.79 -1.11	25.65 -2.82 0.00	30.58 -3.70 0.00	35.20 -4.58 0.04	33.45 -4.46 1.94	30.86 -4.00 3.57	32.71 -4.10 0.80	32.37 -4.29 0.03	32.37 -4.13 0.04	32.92 -4.24 0.04	33.60 -4.37 0.00	35.01 -4.46 0.00	36.38 -4.83 0.04	38.41 -5.46 1.60	43.19 -5.50 0.00	46.66 -5.77 0.00	45.78 -5.37 0.00	41.58 -4.47 0.00	33.00 -2.95 0.00	30.76 -2.42 0.00
OLIN_CORP_DSASP 323712	21.92 -1.46 -1.32	18.97 -1.17 -1.53	19.14 -1.19 -1.18	17.08 -1.03 -1.48	19.92 -1.33 -1.10	26.25 -2.22 0.00	30.99 -3.29 0.00	35.40 -4.38 0.04	33.56 -4.38 1.91	30.96 -3.96 3.51	32.76 -4.06 0.78	32.85 -3.82 0.02	32.77 -3.73 0.04	33.29 -3.87 0.04	33.98 -3.99 0.00	35.41 -4.06 0.00	36.79 -4.41 0.04	38.62 -5.18 1.66	43.63 -5.07 0.00	47.02 -5.40 0.00	45.99 -5.16 0.00	41.95 -4.10 0.00	33.36 -2.59 0.00	31.09 -2.09 0.00
ONEIDA_HERK_LFGE 323681	22.43 0.11 -0.26	19.01 0.09 -0.31	19.48 0.10 -0.24	16.97 0.03 -0.30	20.46 0.08 -0.22	28.67 0.20 0.00	34.45 0.17 0.00	40.06 0.24 0.00	40.13 0.28 0.00	38.62 0.19 0.00	37.83 0.23 0.00	36.88 0.18 0.00	36.65 0.11 0.00	37.35 0.15 0.00	38.19 0.23 0.00	39.63 0.16 0.00	41.45 0.21 0.00	45.74 0.27 0.00	49.13 0.44 0.00	53.00 0.58 0.00	51.67 0.51 0.00	46.65 0.60 0.00	36.45 0.50 0.00	33.55 0.37 0.00
ONEIDA___115KV_TB4 55905	23.00 0.44 -0.50	19.56 0.37 -0.58	19.98 0.38 -0.45	17.50 0.30 -0.56	20.96 0.38 -0.42	29.07 0.60 0.00	34.86 0.58 0.00	40.66 0.84 0.00	40.73 0.88 0.00	39.24 0.81 0.00	38.43 0.83 0.00	37.43 0.73 0.00	37.20 0.66 0.00	37.91 0.71 0.00	38.80 0.84 0.00	40.18 0.71 0.00	41.99 0.74 0.00	46.38 0.91 0.00	49.72 1.02 0.00	53.63 1.21 0.00	52.28 1.13 0.00	47.20 1.15 0.00	36.92 0.97 0.00	34.04 0.86 0.00
ONONDAGA_REF_OCCRA 23987	22.95 -0.04 -0.94	19.66 -0.04 -1.09	19.95 -0.04 -0.84	17.66 -0.03 -1.05	20.88 -0.06 -0.78	28.30 -0.17 0.00	33.97 -0.31 0.00	39.46 -0.36 0.00	39.49 -0.36 0.00	38.16 -0.27 0.00	37.34 -0.26 0.00	36.44 -0.26 0.00	36.36 -0.18 0.00	37.02 -0.19 0.00	37.77 -0.19 0.00	39.27 -0.20 0.00	41.00 -0.25 0.00	45.20 -0.27 0.00	48.45 -0.24 0.00	52.16 -0.26 0.00	50.85 -0.31 0.00	45.82 -0.23 0.00	35.87 -0.07 0.00	33.21 0.03 0.00
ONONDAGA___COGEN 23986	22.77 -0.09 -0.80	19.47 -0.07 -0.93	19.79 -0.08 -0.72	17.47 -0.07 -0.90	20.73 -0.10 -0.67	28.25 -0.23 0.00	33.90 -0.38 0.00	39.30 -0.52 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.23 -0.38 0.00	36.36 -0.33 0.00	36.29 -0.26 0.00	36.94 -0.26 0.00	37.70 -0.27 0.00	39.16 -0.32 0.00	40.91 -0.33 0.00	45.02 -0.45 0.00	48.31 -0.39 0.00	51.95 -0.47 0.00	50.70 -0.46 0.00	45.68 -0.37 0.00	35.73 -0.22 0.00	33.08 -0.10 0.00
ONTARIO___LFGE 23819	23.03 -0.24 -1.22	19.87 -0.15 -1.41	20.09 -0.15 -1.09	17.89 -0.12 -1.36	20.99 -0.18 -1.01	28.16 -0.31 0.00	33.73 -0.55 0.00	39.25 -0.60 -0.03	40.46 -0.68 -1.29	40.30 -0.50 -2.38	37.56 -0.56 -0.52	36.08 -0.62 -0.02	35.98 -0.59 -0.03	36.71 -0.52 -0.03	37.43 -0.53 0.00	38.88 -0.59 0.00	40.65 -0.62 -0.03	46.01 -0.73 -1.26	48.21 -0.49 0.00	51.80 -0.63 0.00	50.49 -0.67 0.00	45.82 -0.23 0.00	35.91 -0.04 0.00	33.21 0.03 0.00
ORANGEVILLE_WT_PWR 323706	22.15 -1.50 -1.60	19.27 -1.19 -1.85	19.37 -1.21 -1.43	17.38 -1.05 -1.79	20.16 -1.33 -1.33	26.65 -1.82 0.00	31.61 -2.67 0.00	36.67 -2.99 0.16	28.64 -3.03 8.19	20.58 -2.73 15.12	31.46 -2.82 3.32	33.58 -3.01 0.10	33.45 -2.92 0.16	34.18 -2.86 0.16	35.00 -2.96 0.00	36.51 -2.96 0.00	37.87 -3.22 0.16	34.37 -3.27 7.82	45.24 -3.46 0.00	48.96 -3.46 0.00	47.93 -3.22 0.00	43.52 -2.53 0.00	34.44 -1.51 0.00	32.05 -1.13 0.00
ORANGEVILLE___ESR 323794	22.15 -1.50 -1.60	19.27 -1.19 -1.85	19.37 -1.21 -1.43	17.38 -1.05 -1.79	20.16 -1.33 -1.33	26.65 -1.82 0.00	31.61 -2.67 0.00	36.67 -2.99 0.16	28.64 -3.03 8.19	20.58 -2.73 15.12	31.46 -2.82 3.32	33.58 -3.01 0.10	33.45 -2.92 0.16	34.18 -2.86 0.16	35.00 -2.96 0.00	36.51 -2.96 0.00	37.87 -3.22 0.16	34.37 -3.27 7.82	45.24 -3.46 0.00	48.96 -3.46 0.00	47.93 -3.22 0.00	43.52 -2.53 0.00	34.44 -1.51 0.00	32.05 -1.13 0.00
OSWEGATCHIE___HYD 24044	21.28 -0.99 -0.22	18.03 -0.84 -0.26	18.49 -0.86 -0.20	16.09 -0.80 -0.25	19.42 -0.93 -0.18	27.30 -1.17 0.00	33.28 -1.00 0.00	38.67 -1.16 0.00	38.66 -1.19 0.00	37.20 -1.23 0.00	36.48 -1.13 0.00	35.52 -1.18 0.00	35.34 -1.20 0.00	35.94 -1.27 0.00	36.75 -1.22 0.00	38.21 -1.26 0.00	39.88 -1.36 0.00	43.88 -1.59 0.00	47.28 -1.41 0.00	51.11 -1.31 0.00	49.78 -1.38 0.00	44.94 -1.11 0.00	34.87 -1.08 0.00	31.82 -1.36 0.00
OSWEGO___5 23606	22.14 -0.44 -0.53	18.86 -0.35 -0.61	19.26 -0.36 -0.47	16.89 -0.33 -0.59	20.19 -0.40 -0.44	27.85 -0.63 0.00	33.39 -0.89 0.00	38.63 -1.19 0.00	38.66 -1.19 0.00	37.31 -1.12 0.00	36.51 -1.09 0.00	35.66 -1.03 0.00	35.56 -0.98 0.00	36.20 -1.00 0.00	36.94 -1.02 0.00	38.41 -1.06 0.00	40.09 -1.15 0.00	44.15 -1.32 0.00	47.38 -1.31 0.00	50.95 -1.47 0.00	49.72 -1.43 0.00	44.81 -1.24 0.00	35.08 -0.86 0.00	32.48 -0.70 0.00
OSWEGO___6 23613	22.14 -0.44 -0.53	18.86 -0.35 -0.61	19.26 -0.36 -0.47	16.89 -0.33 -0.59	20.19 -0.40 -0.44	27.85 -0.63 0.00	33.39 -0.89 0.00	38.63 -1.19 0.00	38.66 -1.19 0.00	37.31 -1.12 0.00	36.51 -1.09 0.00	35.66 -1.03 0.00	35.56 -0.98 0.00	36.20 -1.00 0.00	36.94 -1.02 0.00	38.41 -1.06 0.00	40.09 -1.15 0.00	44.15 -1.32 0.00	47.38 -1.31 0.00	50.95 -1.47 0.00	49.72 -1.43 0.00	44.81 -1.24 0.00	35.08 -0.86 0.00	32.48 -0.70 0.00

OUTOKUMPU-AB___DRP 24206	22.17 -1.24 -1.35	19.11 -1.06 -1.56	19.28 -1.07 -1.20	17.20 -0.95 -1.51	20.05 -1.23 -1.12	26.39 -2.08 0.00	31.47 -2.81 0.00	36.32 -3.46 0.04	34.42 -3.39 2.05	31.66 -3.00 3.77	33.65 -3.12 0.84	33.40 -3.27 0.03	33.39 -3.11 0.04	34.00 -3.16 0.04	34.74 -3.23 0.00	36.16 -3.32 0.00	37.53 -3.67 0.04	39.69 -4.00 1.78	44.56 -4.14 0.00	48.12 -4.30 0.00	47.27 -3.89 0.00	42.87 -3.18 0.00	34.04 -1.91 0.00	31.72 -1.46 0.00
OXBOW___BTM 323836	22.00 -1.39 -1.33	19.06 -1.10 -1.55	19.23 -1.11 -1.19	17.17 -0.97 -1.49	20.00 -1.27 -1.11	26.48 -1.99 0.00	31.26 -3.02 0.00	35.92 -3.86 0.04	34.01 -3.87 1.98	31.36 -3.42 3.64	33.26 -3.54 0.81	33.22 -3.45 0.03	33.14 -3.36 0.04	33.70 -3.46 0.04	34.43 -3.53 0.00	35.84 -3.63 0.00	37.24 -3.96 0.04	39.20 -4.55 1.72	44.17 -4.53 0.00	47.65 -4.77 0.00	46.60 -4.55 0.00	42.50 -3.54 0.00	33.79 -2.16 0.00	31.45 -1.73 0.00
OXBOW___ 24026	22.11 -1.28 -1.33	19.06 -1.10 -1.55	19.23 -1.11 -1.19	17.17 -0.97 -1.49	20.00 -1.27 -1.11	26.25 -2.22 0.00	31.26 -3.02 0.00	35.92 -3.86 0.04	34.05 -3.83 1.98	31.36 -3.42 3.64	33.26 -3.53 0.81	33.14 -3.52 0.03	33.14 -3.36 0.04	33.70 -3.46 0.04	34.43 -3.53 0.00	35.84 -3.63 0.00	37.24 -3.96 0.04	39.25 -4.50 1.72	44.17 -4.53 0.00	47.65 -4.77 0.00	46.81 -4.35 0.00	42.50 -3.55 0.00	33.75 -2.19 0.00	31.46 -1.73 0.00
OXY_CHEM_DSASP 323612	22.03 -1.35 -1.32	18.97 -1.17 -1.53	19.14 -1.19 -1.18	17.08 -1.03 -1.48	19.92 -1.33 -1.10	26.05 -2.42 0.00	30.99 -3.29 0.00	35.40 -4.38 0.04	33.56 -4.38 1.91	30.96 -3.96 3.51	32.76 -4.06 0.78	32.74 -3.93 0.02	32.78 -3.73 0.04	33.29 -3.87 0.04	34.01 -3.95 0.00	35.41 -4.07 0.00	36.75 -4.45 0.04	38.67 -5.14 1.66	43.63 -5.06 0.00	47.02 -5.40 0.00	46.19 -4.96 0.00	41.95 -4.10 0.00	33.36 -2.59 0.00	31.12 -2.06 0.00
OZONE_PARK_ESR 323760	32.59 2.14 -8.39	30.15 1.81 -9.74	28.47 1.82 -7.50	27.60 1.56 -9.39	29.09 1.96 -6.97	31.06 2.59 0.00	36.95 2.67 0.00	43.37 3.54 0.00	43.64 3.79 0.00	42.12 3.69 0.00	41.07 3.46 0.00	39.96 3.27 0.00	39.83 3.29 0.00	40.51 3.31 0.00	41.34 3.38 0.00	42.95 3.47 0.00	44.91 3.67 0.00	49.56 4.09 0.00	52.59 3.90 0.00	56.56 4.14 0.00	55.25 4.09 0.00	49.59 3.55 0.00	38.97 3.02 0.00	36.33 3.15 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.03 -1.35 -1.32	18.97 -1.17 -1.53	19.14 -1.19 -1.18	17.08 -1.03 -1.48	19.92 -1.33 -1.10	26.05 -2.42 0.00	30.99 -3.29 0.00	35.40 -4.38 0.04	33.56 -4.38 1.91	30.96 -3.96 3.51	32.76 -4.06 0.78	32.74 -3.93 0.02	32.78 -3.73 0.04	33.29 -3.87 0.04	34.01 -3.95 0.00	35.41 -4.07 0.00	36.75 -4.45 0.04	38.67 -5.14 1.66	43.63 -5.06 0.00	47.02 -5.40 0.00	46.19 -4.96 0.00	41.95 -4.10 0.00	33.36 -2.59 0.00	31.12 -2.06 0.00
PACKARD___115KV_DUPONT_184 80571	22.03 -1.35 -1.32	18.97 -1.17 -1.53	19.14 -1.19 -1.18	17.08 -1.03 -1.48	19.92 -1.33 -1.10	26.05 -2.42 0.00	30.99 -3.29 0.00	35.40 -4.38 0.04	33.56 -4.38 1.91	30.96 -3.96 3.51	32.76 -4.06 0.78	32.74 -3.93 0.02	32.78 -3.73 0.04	33.29 -3.87 0.04	34.01 -3.95 0.00	35.41 -4.07 0.00	36.75 -4.45 0.04	38.67 -5.14 1.66	43.63 -5.06 0.00	47.02 -5.40 0.00	46.19 -4.96 0.00	41.95 -4.10 0.00	33.36 -2.59 0.00	31.12 -2.06 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.37 1.92 -8.40	30.02 1.67 -9.74	28.39 1.74 -7.50	27.50 1.46 -9.39	28.99 1.85 -6.97	30.78 2.31 0.00	36.54 2.26 0.00	42.81 2.99 0.00	43.12 3.27 0.00	41.66 3.23 0.00	40.65 3.05 0.00	39.59 2.90 0.00	39.46 2.92 0.00	40.14 2.94 0.00	40.96 3.00 0.00	42.55 3.08 0.00	44.50 3.26 0.00	49.06 3.59 0.00	51.96 3.26 0.00	55.88 3.46 0.00	54.53 3.38 0.00	49.04 2.99 0.00	38.50 2.55 0.00	35.87 2.69 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.57 2.12 -8.40	30.17 1.82 -9.74	28.56 1.92 -7.50	27.66 1.63 -9.39	29.19 2.06 -6.97	31.06 2.59 0.00	36.85 2.57 0.00	43.17 3.35 0.00	43.48 3.63 0.00	42.00 3.57 0.00	40.95 3.35 0.00	39.85 3.16 0.00	39.72 3.18 0.00	40.40 3.20 0.00	41.19 3.23 0.00	42.83 3.36 0.00	44.79 3.55 0.00	49.38 3.91 0.00	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.36 3.32 0.00	38.79 2.84 0.00	36.17 2.99 0.00
PATROON___115KV_TB1 80586	33.43 0.68 -10.70	31.59 0.58 -12.40	29.31 0.61 -9.55	29.12 0.52 -11.97	29.65 0.60 -8.89	29.36 0.88 0.00	34.93 0.65 0.00	32.65 0.96 8.13	38.08 0.88 2.65	39.12 0.69 0.00	37.92 0.79 0.48	36.37 0.84 1.16	37.06 0.77 0.25	37.27 0.82 0.75	38.80 0.84 0.00	40.24 0.83 0.06	39.67 0.91 2.48	46.52 1.05 0.00	49.62 0.93 0.00	53.42 1.00 0.00	52.08 0.92 0.00	46.83 0.78 0.00	36.92 0.97 0.00	34.28 1.09 0.00
PATTRSNVILLE___SOLAR 323815	34.38 1.12 -11.20	32.53 0.93 -12.99	30.11 0.96 -10.00	30.01 0.83 -12.54	30.47 1.01 -9.31	29.90 1.42 0.00	35.69 1.41 0.00	42.64 1.71 -1.11	41.85 1.63 -0.36	39.85 1.42 0.00	39.10 1.43 -0.07	38.24 1.39 -0.16	37.89 1.31 -0.03	38.68 1.38 -0.10	39.40 1.44 0.00	40.90 1.42 -0.01	43.15 1.57 -0.34	47.34 1.87 0.00	50.69 2.00 0.00	54.73 2.30 0.00	53.35 2.20 0.00	48.03 1.98 0.00	37.71 1.76 0.00	34.94 1.76 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.92 -1.61 -1.47	18.96 -1.36 -1.71	19.09 -1.38 -1.31	17.09 -1.20 -1.65	19.87 -1.51 -1.22	26.76 -1.71 0.00	31.91 -2.37 0.00	38.03 -1.75 0.04	35.97 -1.75 2.13	33.05 -1.46 3.92	35.16 -1.58 0.87	34.06 -2.61 0.03	33.79 -2.70 0.04	34.78 -2.38 0.04	35.23 -2.73 0.00	36.67 -2.80 0.00	38.23 -2.97 0.04	41.47 -2.18 1.82	45.29 -3.41 0.00	48.91 -3.51 0.00	47.98 -3.17 0.00	43.52 -2.53 0.00	34.47 -1.47 0.00	32.15 -1.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.35 1.83 -8.47	29.97 1.54 -9.82	28.26 1.55 -7.56	27.50 1.38 -9.47	28.89 1.69 -7.03	30.72 2.25 0.00	36.54 2.26 0.00	42.81 2.99 0.00	43.04 3.19 0.00	41.46 3.04 0.00	40.50 2.90 0.00	39.41 2.72 0.00	39.25 2.70 0.00	39.99 2.79 0.00	40.81 2.85 0.00	42.35 2.88 0.00	44.42 3.18 0.00	48.97 3.50 0.00	52.15 3.46 0.00	56.14 3.72 0.00	54.74 3.58 0.00	49.13 3.09 0.00	38.68 2.73 0.00	35.90 2.72 0.00
PEEKSKILL___ 23653	32.07 1.74 -8.28	29.68 1.47 -9.60	28.04 1.49 -7.39	27.22 1.31 -9.26	28.65 1.61 -6.88	30.55 2.08 0.00	36.37 2.09 0.00	42.61 2.79 0.00	42.84 2.99 0.00	41.31 2.88 0.00	40.28 2.67 0.00	39.19 2.50 0.00	39.06 2.52 0.00	39.81 2.60 0.00	40.58 2.62 0.00	42.19 2.72 0.00	44.09 2.84 0.00	48.70 3.23 0.00	51.77 3.07 0.00	55.67 3.25 0.00	54.38 3.22 0.00	48.81 2.76 0.00	38.39 2.45 0.00	35.70 2.52 0.00
PGE MADISON___WINDPWR 24146	25.74 1.02 -2.67	22.64 0.93 -3.10	22.48 0.94 -2.39	20.36 0.73 -2.99	23.33 0.95 -2.22	30.07 1.59 0.00	35.96 1.68 0.00	41.94 2.11 -0.01	42.49 2.19 -0.45	41.18 1.92 -0.83	39.63 1.84 -0.18	38.24 1.54 -0.01	37.94 1.39 -0.01	38.66 1.45 -0.01	39.67 1.71 0.00	41.09 1.62 0.00	43.19 1.94 -0.01	48.43 2.50 -0.46	51.57 2.87 0.00	55.88 3.46 0.00	54.43 3.28 0.00	49.41 3.36 0.00	38.68 2.73 0.00	35.57 2.39 0.00

PIERCEFIELD___HYD 23852	20.93 -1.12 0.00	17.66 -0.95 0.00	18.17 -0.98 0.00	15.76 -0.88 0.00	19.11 -1.05 0.00	27.16 -1.31 0.00	33.46 -0.82 0.00	38.91 -0.92 0.00	38.90 -0.96 0.00	37.51 -0.92 0.00	36.74 -0.86 0.00	35.81 -0.88 0.00	35.66 -0.88 0.00	36.24 -0.97 0.00	37.01 -0.95 0.00	38.52 -0.95 0.00	40.17 -1.07 0.00	44.02 -1.46 0.00	47.38 -1.31 0.00	51.11 -1.31 0.00	49.83 -1.33 0.00	44.85 -1.20 0.00	34.69 -1.26 0.00	31.52 -1.66 0.00
PINELAWN_CC_1 323563	45.29 2.54 -20.70	38.84 2.14 -18.09	34.87 2.18 -13.54	30.40 1.90 -11.87	33.53 2.34 -11.03	38.05 3.13 -6.45	45.67 3.32 -8.06	47.09 4.22 -3.05	47.85 4.34 -3.65	48.99 4.03 -6.53	53.35 2.90 -12.84	53.41 2.57 -14.15	55.18 2.67 -15.97	57.01 2.71 -17.09	58.64 2.62 -18.06	58.60 2.76 -16.37	58.38 2.93 -14.21	80.01 3.41 -31.12	62.46 3.26 -10.50	64.63 3.51 -8.70	61.71 3.48 -7.08	62.07 2.99 -13.03	45.54 3.09 -6.50	43.24 3.72 -6.34
PJM_GEN_HTTP_PROXY 323702	32.41 1.96 -8.39	30.00 1.66 -9.73	28.33 1.69 -7.50	27.48 1.45 -9.39	28.95 1.82 -6.97	30.83 2.36 0.00	36.71 2.43 0.00	43.05 3.22 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.59 2.90 0.00	39.47 2.92 0.00	40.18 2.98 0.00	40.96 3.00 0.00	42.59 3.12 0.00	44.50 3.26 0.00	49.15 3.68 0.00	52.10 3.41 0.00	56.04 3.61 0.00	54.79 3.63 0.00	49.13 3.09 0.00	38.64 2.70 0.00	36.04 2.85 0.00
PJM_GEN_KEystone 24065	27.53 0.31 -5.16	24.88 0.28 -5.99	24.05 0.29 -4.61	22.70 0.28 -5.78	24.77 0.32 -4.29	28.84 0.37 0.00	34.28 0.00 0.00	40.13 0.32 0.01	39.79 0.40 0.46	38.04 0.46 0.85	37.76 0.34 0.19	36.72 0.04 0.01	36.64 0.11 0.01	37.34 0.15 0.01	38.04 0.08 0.00	39.59 0.12 0.00	41.28 0.04 0.01	45.37 0.32 0.43	48.65 -0.05 0.00	52.37 -0.05 0.00	51.26 0.10 0.00	46.19 0.14 0.00	36.41 0.47 0.00	33.91 0.73 0.00
PJM_GEN_NEPTUNE_PROXY 323594	45.05 2.29 -20.70	38.66 1.95 -18.09	34.66 1.97 -13.54	30.24 1.73 -11.87	33.31 2.12 -11.03	37.74 2.82 -6.45	45.29 2.95 -8.06	46.62 3.74 -3.05	46.84 3.91 -3.08	47.59 3.65 -5.51	51.41 2.97 -10.84	51.38 2.75 -11.94	52.83 2.81 -13.48	54.49 2.86 -14.42	56.12 2.92 -15.24	56.28 3.00 -13.81	56.41 3.18 -11.99	75.37 3.64 -26.26	61.06 3.51 -8.86	63.48 3.72 -7.33	60.81 3.69 -5.97	60.22 3.17 -10.99	44.36 3.05 -5.36	42.86 3.35 -6.32
PJM_GEN_VFT_PROXY 323633	32.36 1.92 -8.39	29.92 1.58 -9.73	28.25 1.61 -7.49	27.41 1.38 -9.39	28.87 1.73 -6.97	30.72 2.25 0.00	36.57 2.30 0.00	42.93 3.11 0.00	43.23 3.39 0.01	40.85 3.26 0.84	39.65 3.04 1.00	38.27 2.83 1.25	38.16 2.89 1.26	38.95 2.90 1.15	39.76 2.92 1.12	41.44 3.04 1.07	43.51 3.13 0.86	48.96 3.59 0.10	51.91 3.21 0.00	55.83 3.41 0.00	54.58 3.43 0.00	49.03 2.99 0.01	38.56 2.62 0.01	35.96 2.79 0.01
PLATSBURG_115KV_PMLD1 355749	21.63 -0.42 0.00	18.27 -0.33 0.00	18.83 -0.33 0.00	16.39 -0.25 0.00	19.92 -0.24 0.00	28.27 -0.20 0.00	34.59 0.31 0.00	40.26 0.44 0.00	40.29 0.44 0.00	38.89 0.46 0.00	38.09 0.49 0.00	37.13 0.44 0.00	37.02 0.48 0.00	37.61 0.41 0.00	38.27 0.30 0.00	39.87 0.39 0.00	41.61 0.37 0.00	45.88 0.41 0.00	49.28 0.58 0.00	53.10 0.68 0.00	51.72 0.56 0.00	46.42 0.37 0.00	35.98 0.04 0.00	32.78 -0.40 0.00
PLEASANTVLY___LBMP 24000	32.41 1.57 -8.79	30.14 1.34 -10.19	28.34 1.34 -7.85	27.66 1.18 -9.83	28.91 1.45 -7.30	30.38 1.91 0.00	36.13 1.85 0.00	42.25 2.43 0.00	42.44 2.59 0.00	40.89 2.46 0.00	39.94 2.33 0.00	38.89 2.20 0.00	38.73 2.19 0.00	39.43 2.23 0.00	40.24 2.28 0.00	41.80 2.33 0.00	43.72 2.47 0.00	48.29 2.82 0.00	51.33 3.21 0.00	55.25 2.83 0.00	53.92 2.76 0.00	48.44 2.39 0.00	38.10 2.16 0.00	35.44 2.26 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.31 1.81 -8.45	29.94 1.53 -9.80	28.25 1.55 -7.55	27.44 1.35 -9.46	28.85 1.67 -7.02	30.67 2.19 0.00	36.47 2.19 0.00	42.73 2.91 0.00	42.96 3.11 0.00	41.43 3.00 0.00	40.43 2.82 0.00	39.33 2.64 0.00	39.21 2.67 0.00	39.92 2.72 0.00	40.73 2.77 0.00	42.31 2.84 0.00	44.25 3.01 0.00	48.84 3.36 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.50 2.55 0.00	35.80 2.62 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.31 1.81 -8.45	29.94 1.53 -9.80	28.25 1.55 -7.55	27.44 1.35 -9.46	28.85 1.67 -7.02	30.67 2.19 0.00	36.47 2.19 0.00	42.73 2.91 0.00	42.96 3.11 0.00	41.43 3.00 0.00	40.43 2.82 0.00	39.33 2.64 0.00	39.21 2.67 0.00	39.92 2.72 0.00	40.73 2.77 0.00	42.31 2.84 0.00	44.25 3.01 0.00	48.84 3.36 0.00	51.91 3.21 0.00	55.83 3.41 0.00	54.48 3.33 0.00	48.95 2.90 0.00	38.50 2.55 0.00	35.80 2.62 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.35 1.65 -8.65	30.03 1.40 -10.03	28.27 1.40 -7.72	27.56 1.25 -9.67	28.85 1.51 -7.18	30.49 2.02 0.00	36.27 1.99 0.00	42.45 2.63 0.00	42.64 2.79 0.00	41.04 2.61 0.00	40.01 2.41 0.00	38.97 2.27 0.00	38.81 2.27 0.00	39.51 2.31 0.00	40.32 2.35 0.00	41.92 2.45 0.00	43.88 2.64 0.00	48.47 3.00 0.00	51.62 2.92 0.00	55.62 3.20 0.00	54.28 3.12 0.00	48.72 2.67 0.00	38.32 2.37 0.00	35.64 2.46 0.00
POLETTI_____ 23519	32.39 1.94 -8.39	29.98 1.64 -9.74	28.31 1.67 -7.50	27.46 1.43 -9.39	28.93 1.79 -6.97	30.81 2.33 0.00	36.63 2.37 0.02	42.95 3.15 0.02	43.23 3.39 0.02	41.68 3.27 0.02	40.67 3.08 0.02	39.57 2.90 0.02	39.45 2.92 0.02	40.13 2.94 0.02	40.91 2.96 0.02	42.53 3.08 0.02	44.49 3.26 0.02	49.05 3.59 0.02	52.04 3.36 0.02	55.97 3.56 0.02	54.62 3.48 0.02	49.07 3.04 0.02	38.59 2.66 0.02	35.99 2.82 0.02
POMONA___ESR 323819	31.85 1.72 -8.08	29.43 1.45 -9.37	27.84 1.47 -7.21	26.99 1.31 -9.04	28.48 1.61 -6.71	30.55 2.08 0.00	36.37 2.09 0.00	42.61 2.79 0.00	42.76 2.91 0.00	41.23 2.80 0.00	40.24 2.63 0.00	39.15 2.46 0.00	39.03 2.49 0.00	39.73 2.53 0.00	40.54 2.58 0.00	42.12 2.64 0.00	44.09 2.84 0.00	48.70 3.23 0.00	51.72 3.02 0.00	55.67 3.25 0.00	54.38 3.22 0.00	48.81 2.76 0.00	38.39 2.45 0.00	35.70 2.52 0.00
PORT_JEFF_3 23555	45.45 2.69 -20.70	38.99 2.29 -18.09	35.00 2.32 -13.54	30.54 2.03 -11.87	33.69 2.50 -11.03	38.25 3.33 -6.45	45.94 3.60 -8.06	47.41 4.54 -3.05	47.82 4.66 -3.31	48.69 4.34 -5.92	52.67 3.42 -11.65	52.64 3.12 -12.83	54.24 3.22 -14.48	56.01 3.31 -15.50	57.72 3.38 -16.38	57.75 3.43 -14.84	57.80 3.67 -12.89	77.93 4.23 -28.23	62.36 4.14 -9.53	64.77 4.40 -7.94	61.98 4.40 -6.43	61.69 3.82 -11.82	47.68 3.59 -8.14	43.55 3.98 -6.39
PORT_JEFF_4 23616	45.45 2.69 -20.70	38.99 2.29 -18.09	35.00 2.32 -13.54	30.54 2.03 -11.87	33.69 2.50 -11.03	38.25 3.33 -6.45	45.94 3.60 -8.06	47.41 4.54 -3.05	47.82 4.66 -3.31	48.69 4.34 -5.92	52.67 3.42 -11.65	52.64 3.12 -12.83	54.24 3.22 -14.48	56.01 3.31 -15.50	57.72 3.38 -16.38	57.75 3.43 -14.84	57.80 3.67 -12.89	77.93 4.23 -28.23	62.36 4.14 -9.53	64.77 4.40 -7.94	61.98 4.40 -6.43	61.69 3.82 -11.82	47.68 3.59 -8.14	43.55 3.98 -6.39

PORT_JEFF_IC 23713	45.49 2.73 -20.70	39.01 2.31 -18.09	35.04 2.36 -13.54	30.55 2.05 -11.87	33.71 2.52 -11.03	38.31 3.39 -6.45	45.98 3.63 -8.06	47.45 4.58 -3.05	47.92 4.74 -3.32	48.75 4.38 -5.94	52.79 3.50 -11.69	52.91 3.34 -12.88	54.36 3.29 -14.53	56.14 3.39 -15.55	57.66 3.26 -16.44	57.80 3.43 -14.90	57.89 3.71 -12.93	78.04 4.23 -28.34	62.40 4.14 -9.56	64.86 4.46 -7.98	62.01 4.40 -6.45	61.79 3.87 -11.87	48.18 3.70 -8.53	43.66 4.08 -6.40
PPL PILGRIM_ST_GT1 24216	45.42 2.67 -20.70	38.95 2.25 -18.09	34.99 2.30 -13.54	30.50 2.00 -11.87	33.65 2.46 -11.03	38.22 3.30 -6.45	45.87 3.53 -8.06	47.29 4.42 -3.05	47.80 4.58 -3.36	48.63 4.19 -6.02	52.76 3.31 -11.84	52.75 3.01 -13.05	54.37 3.10 -14.73	56.16 3.20 -15.76	57.84 3.22 -16.65	57.92 3.35 -15.09	57.93 3.59 -13.10	78.17 4.00 -28.70	62.27 3.90 -9.68	64.64 4.20 -8.03	61.83 4.14 -6.53	61.79 3.73 -12.01	45.74 3.45 -6.34	43.37 3.85 -6.34
PPL PILGRIM_ST_GT2 24217	45.42 2.67 -20.70	38.95 2.25 -18.09	34.99 2.30 -13.54	30.50 2.00 -11.87	33.65 2.46 -11.03	38.22 3.30 -6.45	45.87 3.53 -8.06	47.29 4.42 -3.05	47.80 4.58 -3.36	48.63 4.19 -6.02	52.76 3.31 -11.84	52.75 3.01 -13.05	54.37 3.10 -14.73	56.16 3.20 -15.76	57.84 3.22 -16.65	57.92 3.35 -15.09	57.93 3.59 -13.10	78.17 4.00 -28.70	62.27 3.90 -9.68	64.64 4.20 -8.03	61.83 4.14 -6.53	61.79 3.73 -12.01	45.74 3.45 -6.34	43.37 3.85 -6.34
PPL_SHRM_GT3 24213	45.69 2.93 -20.70	39.18 2.48 -18.09	35.22 2.53 -13.54	30.70 2.20 -11.87	33.89 2.70 -11.03	38.56 3.65 -6.45	46.28 3.94 -8.06	47.89 5.02 -3.05	48.35 5.18 -3.31	49.16 4.80 -5.93	53.11 3.84 -11.67	53.03 3.49 -12.85	54.63 3.58 -14.51	56.41 3.68 -15.52	58.13 3.76 -16.41	58.25 3.91 -14.87	58.36 4.21 -12.91	78.66 4.91 -28.28	63.11 4.87 -9.54	65.62 5.24 -7.96	62.76 5.16 -6.44	62.41 4.52 -11.85	48.21 4.06 -8.21	43.95 4.38 -6.39
PPL_SHRM_GT4 24214	45.69 2.93 -20.70	39.18 2.48 -18.09	35.22 2.53 -13.54	30.70 2.20 -11.87	33.89 2.70 -11.03	38.56 3.65 -6.45	46.28 3.94 -8.06	47.89 5.02 -3.05	48.35 5.18 -3.31	49.16 4.80 -5.93	53.11 3.84 -11.67	53.03 3.49 -12.85	54.63 3.58 -14.51	56.41 3.68 -15.52	58.13 3.76 -16.41	58.25 3.91 -14.87	58.36 4.21 -12.91	78.66 4.91 -28.28	63.11 4.87 -9.54	65.62 5.24 -7.96	62.76 5.16 -6.44	62.41 4.52 -11.85	48.21 4.06 -8.21	43.95 4.38 -6.39
PROJECT___ORANGE 1 24174	22.75 -0.09 -0.78	19.44 -0.07 -0.90	19.75 -0.10 -0.70	17.45 -0.07 -0.87	20.71 -0.10 -0.65	28.22 -0.26 0.00	33.87 -0.41 0.00	39.34 -0.48 0.00	39.34 -0.52 0.00	38.08 -0.35 0.00	37.27 -0.34 0.00	36.40 -0.29 0.00	36.29 -0.26 0.00	36.98 -0.22 0.00	37.73 -0.23 0.00	39.20 -0.28 0.00	40.91 -0.33 0.00	45.06 -0.41 0.00	48.31 -0.39 0.00	52.00 -0.42 0.00	50.70 -0.46 0.00	45.68 -0.37 0.00	35.77 -0.18 0.00	33.15 -0.03 0.00
PROJECT___ORANGE 2 24166	22.75 -0.09 -0.78	19.44 -0.07 -0.90	19.75 -0.10 -0.70	17.45 -0.07 -0.87	20.71 -0.10 -0.65	28.22 -0.26 0.00	33.87 -0.41 0.00	39.34 -0.48 0.00	39.34 -0.52 0.00	38.08 -0.35 0.00	37.27 -0.34 0.00	36.40 -0.29 0.00	36.29 -0.26 0.00	36.98 -0.22 0.00	37.73 -0.23 0.00	39.20 -0.28 0.00	40.91 -0.33 0.00	45.06 -0.41 0.00	48.31 -0.39 0.00	52.00 -0.42 0.00	50.70 -0.46 0.00	45.68 -0.37 0.00	35.77 -0.18 0.00	33.15 -0.03 0.00
PUCKETT___SOLAR 323809	25.23 0.31 -2.87	22.23 0.30 -3.33	22.02 0.31 -2.56	20.12 0.27 -3.21	22.87 0.32 -2.39	28.99 0.51 0.00	34.66 0.38 0.00	40.42 0.60 0.00	40.42 0.56 -0.01	39.02 0.58 -0.02	38.10 0.49 0.00	36.95 0.26 0.00	36.80 0.26 0.00	37.50 0.30 0.00	38.30 0.34 0.00	39.79 0.31 0.00	41.61 0.37 0.00	46.19 0.68 -0.03	49.38 0.68 0.00	53.26 0.84 0.00	51.97 0.82 0.00	46.92 0.87 0.00	36.81 0.86 0.00	34.04 0.86 0.00
PYRITES___HYD 24023	21.39 -0.66 0.00	18.05 -0.56 0.00	18.58 -0.57 0.00	16.09 -0.55 0.00	19.53 -0.62 0.00	27.82 -0.65 0.00	34.28 0.00 0.00	39.82 0.00 0.00	39.73 -0.12 0.00	38.20 -0.23 0.00	37.42 -0.19 0.00	36.44 -0.26 0.00	36.29 -0.26 0.00	36.83 -0.37 0.00	37.66 -0.30 0.00	39.20 -0.28 0.00	40.95 -0.29 0.00	45.02 -0.45 0.00	48.55 -0.15 0.00	52.47 0.05 0.00	51.10 -0.05 0.00	46.09 0.05 0.00	35.62 -0.32 0.00	32.29 -0.90 0.00
QUAKERRD_115KV_BK1 80622	22.20 -0.86 -1.00	19.05 -0.73 -1.16	19.32 -0.73 -0.90	17.11 -0.65 -1.12	20.15 -0.85 -0.83	26.91 -1.57 0.00	32.26 -2.02 0.00	37.07 -2.75 0.00	37.10 -2.75 0.00	35.96 -2.46 0.01	35.16 -2.44 0.00	34.49 -2.20 0.00	34.46 -2.08 0.00	35.04 -2.16 0.00	35.76 -2.20 0.00	37.26 -2.21 0.00	38.81 -2.43 0.00	42.45 -3.00 0.02	45.97 -2.73 0.00	49.49 -2.94 0.00	48.39 -2.76 0.00	43.70 -2.35 0.00	34.33 -1.62 0.00	31.79 -1.39 0.00
QUENSBRY_115KV_TB8 356137	34.28 1.30 -10.93	32.30 1.02 -12.67	30.02 1.11 -9.76	29.78 0.92 -12.23	30.37 1.13 -9.08	30.15 1.68 0.00	35.93 1.65 0.00	48.67 2.19 -6.66	44.14 2.11 -2.17	40.16 1.73 0.00	39.84 1.84 -0.39	39.52 1.87 -0.95	38.46 1.72 -0.20	39.68 1.86 -0.62	39.97 2.01 0.00	41.50 1.97 -0.05	45.46 2.19 -2.03	47.93 2.46 0.00	51.33 2.63 0.00	55.52 3.09 0.00	54.02 2.86 0.00	48.54 2.49 0.00	38.14 2.19 0.00	35.27 2.09 0.00
RAMAPO___LBMP 323565	31.74 1.65 -8.03	29.32 1.40 -9.31	27.74 1.42 -7.17	26.89 1.26 -8.99	28.38 1.55 -6.67	30.49 2.02 0.00	36.27 1.99 0.00	42.45 2.63 0.00	42.68 2.83 0.00	41.16 2.73 0.00	40.13 2.52 0.00	39.08 2.38 0.00	38.92 2.38 0.00	39.62 2.42 0.00	40.43 2.47 0.00	42.04 2.57 0.00	43.97 2.72 0.00	48.52 3.05 0.00	51.57 2.87 0.00	55.46 3.04 0.00	54.17 3.02 0.00	48.63 2.58 0.00	38.25 2.30 0.00	35.60 2.42 0.00
RANKINE____ 23646	22.17 -1.32 -1.44	19.14 -1.14 -1.67	19.29 -1.15 -1.28	17.25 -1.00 -1.61	20.06 -1.29 -1.19	26.57 -1.91 0.00	31.67 -2.61 0.00	36.94 -2.83 0.05	34.60 -2.79 2.46	31.43 -2.46 4.54	34.04 -2.56 1.01	33.69 -2.97 0.03	33.60 -2.89 0.05	34.36 -2.79 0.05	35.00 -2.96 0.00	36.43 -3.04 0.00	37.89 -3.30 0.05	40.12 -3.23 2.13	45.00 -3.70 0.00	48.54 -3.88 0.00	47.68 -3.48 0.00	43.24 -2.81 0.00	34.29 -1.65 0.00	31.95 -1.23 0.00
RAVENSWOOD_GT2_1 24244	32.43 1.98 -8.40	30.02 1.67 -9.74	28.33 1.69 -7.50	27.50 1.46 -9.39	28.95 1.81 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.01 3.19 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.66 2.97 0.00	39.50 2.96 0.00	40.22 3.01 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.03 2.85 0.00
RAVENSWOOD_GT2_2 24245	32.43 1.98 -8.40	30.02 1.67 -9.74	28.33 1.69 -7.50	27.50 1.46 -9.39	28.95 1.81 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.01 3.19 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.66 2.97 0.00	39.50 2.96 0.00	40.22 3.01 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.03 2.85 0.00

RAVENSWOOD_GT2_3 24246	32.43 1.98 -8.40	30.02 1.67 -9.74	28.35 1.70 -7.50	27.50 1.46 -9.39	28.97 1.83 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.05 3.23 0.00	43.32 3.47 0.00	41.81 3.38 0.00	40.76 3.16 0.00	39.66 2.97 0.00	39.54 3.00 0.00	40.25 3.05 0.00	41.04 3.07 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.14 3.72 0.00	54.79 3.63 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.07 2.89 0.00
RAVENSWOOD_GT2_4 24247	32.43 1.98 -8.40	30.02 1.67 -9.74	28.35 1.70 -7.50	27.50 1.46 -9.39	28.97 1.83 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.05 3.23 0.00	43.32 3.47 0.00	41.81 3.38 0.00	40.76 3.16 0.00	39.66 2.97 0.00	39.54 3.00 0.00	40.25 3.05 0.00	41.04 3.07 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.14 3.72 0.00	54.79 3.63 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.07 2.89 0.00
RAVENSWOOD_GT3_1 24248	32.43 1.98 -8.40	30.02 1.67 -9.74	28.33 1.69 -7.50	27.50 1.46 -9.39	28.95 1.81 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.01 3.19 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.66 2.97 0.00	39.54 3.00 0.00	40.22 3.01 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.07 2.89 0.00
RAVENSWOOD_GT3_2 24249	32.43 1.98 -8.40	30.02 1.67 -9.74	28.33 1.69 -7.50	27.50 1.46 -9.39	28.95 1.81 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.01 3.19 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.66 2.97 0.00	39.54 3.00 0.00	40.22 3.01 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.07 2.89 0.00
RAVENSWOOD_GT3_3 24250	32.46 2.01 -8.40	30.04 1.69 -9.74	28.37 1.72 -7.50	27.51 1.48 -9.39	28.97 1.83 -6.97	30.89 2.42 0.00	36.75 2.47 0.00	43.09 3.27 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.80 3.20 0.00	39.70 3.01 0.00	39.57 3.03 0.00	40.29 3.09 0.00	41.07 3.11 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.20 3.51 0.00	56.20 3.77 0.00	54.84 3.68 0.00	49.27 3.22 0.00	38.71 2.77 0.00	36.10 2.92 0.00
RAVENSWOOD_GT3_4 24251	32.46 2.01 -8.40	30.04 1.69 -9.74	28.37 1.72 -7.50	27.51 1.48 -9.39	28.97 1.83 -6.97	30.89 2.42 0.00	36.75 2.47 0.00	43.09 3.27 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.80 3.20 0.00	39.70 3.01 0.00	39.57 3.03 0.00	40.29 3.09 0.00	41.07 3.11 0.00	42.71 3.24 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.20 3.51 0.00	56.20 3.77 0.00	54.84 3.68 0.00	49.27 3.22 0.00	38.71 2.77 0.00	36.10 2.92 0.00
RAVENSWOOD_GT_1 23729	32.46 2.01 -8.40	30.08 1.73 -9.74	28.41 1.76 -7.50	27.55 1.51 -9.40	29.03 1.89 -6.98	30.92 2.45 0.00	36.72 2.43 0.00	43.05 3.23 0.00	43.37 3.51 -0.01	43.12 3.46 -1.23	42.30 3.23 -1.46	41.60 3.08 -1.82	41.49 3.11 -1.84	42.05 3.16 -1.68	42.79 3.19 -1.64	44.30 3.28 -1.56	45.97 3.46 -1.26	49.49 3.86 -0.15	52.25 3.55 0.00	56.14 3.72 0.00	54.79 3.63 0.00	49.28 3.22 -0.01	38.69 2.73 -0.01	36.08 2.89 -0.01
RAVENSWOOD_GT_10 24258	32.43 1.98 -8.40	30.02 1.67 -9.74	28.33 1.69 -7.50	27.50 1.46 -9.39	28.95 1.81 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.05 3.23 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.66 2.97 0.00	39.50 2.96 0.00	40.22 3.01 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.07 2.89 0.00
RAVENSWOOD_GT_11 24259	32.43 1.98 -8.40	30.02 1.67 -9.74	28.33 1.69 -7.50	27.50 1.46 -9.39	28.95 1.81 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.05 3.23 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.66 2.97 0.00	39.50 2.96 0.00	40.22 3.01 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.07 2.89 0.00
RAVENSWOOD_GT_4 24252	32.44 1.98 -8.40	30.02 1.67 -9.74	28.34 1.69 -7.50	27.50 1.46 -9.40	28.95 1.81 -6.98	30.87 2.39 0.00	36.72 2.43 0.00	43.05 3.23 0.00	43.29 3.43 -0.01	42.71 3.34 -0.94	41.84 3.12 -1.11	41.02 2.94 -1.39	40.91 2.96 -1.40	41.50 3.01 -1.28	42.25 3.04 -1.25	43.81 3.16 -1.19	45.50 3.30 -0.96	49.27 3.68 -0.12	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 -0.01	38.68 2.73 -0.01	36.07 2.89 -0.01
RAVENSWOOD_GT_5 24254	32.44 1.98 -8.40	30.02 1.67 -9.74	28.34 1.69 -7.50	27.50 1.46 -9.40	28.95 1.81 -6.98	30.87 2.39 0.00	36.72 2.43 0.00	43.05 3.23 0.00	43.29 3.43 -0.01	42.71 3.34 -0.94	41.84 3.12 -1.11	41.02 2.94 -1.39	40.91 2.96 -1.40	41.50 3.01 -1.28	42.25 3.04 -1.25	43.81 3.16 -1.19	45.50 3.30 -0.96	49.27 3.68 -0.12	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 -0.01	38.68 2.73 -0.01	36.07 2.89 -0.01
RAVENSWOOD_GT_6 24253	32.44 1.98 -8.40	30.02 1.67 -9.74	28.34 1.69 -7.50	27.50 1.46 -9.40	28.95 1.81 -6.98	30.87 2.39 0.00	36.72 2.43 0.00	43.05 3.23 0.00	43.29 3.43 -0.01	42.71 3.34 -0.94	41.84 3.12 -1.11	41.02 2.94 -1.39	40.91 2.96 -1.40	41.50 3.01 -1.28	42.25 3.04 -1.25	43.81 3.16 -1.19	45.50 3.30 -0.96	49.27 3.68 -0.12	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 -0.01	38.68 2.73 -0.01	36.07 2.89 -0.01
RAVENSWOOD_GT_7 24255	32.44 1.98 -8.40	30.02 1.67 -9.74	28.34 1.69 -7.50	27.50 1.46 -9.40	28.95 1.81 -6.98	30.87 2.39 0.00	36.72 2.43 0.00	43.05 3.23 0.00	43.29 3.43 -0.01	42.71 3.34 -0.94	41.84 3.12 -1.11	41.02 2.94 -1.39	40.91 2.96 -1.40	41.50 3.01 -1.28	42.25 3.04 -1.25	43.81 3.16 -1.19	45.50 3.30 -0.96	49.27 3.68 -0.12	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 -0.01	38.68 2.73 -0.01	36.07 2.89 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.43 1.98 -8.40	30.02 1.67 -9.74	28.33 1.69 -7.50	27.50 1.46 -9.39	28.95 1.81 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.05 3.23 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.66 2.97 0.00	39.50 2.96 0.00	40.22 3.01 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.07 2.89 0.00
RAVENSWOOD_GT_9 24257	32.43 1.98 -8.40	30.02 1.67 -9.74	28.33 1.69 -7.50	27.50 1.46 -9.39	28.95 1.81 -6.97	30.86 2.39 0.00	36.71 2.43 0.00	43.05 3.23 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.66 2.97 0.00	39.50 2.96 0.00	40.22 3.01 0.00	41.00 3.04 0.00	42.63 3.16 0.00	44.58 3.34 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.07 2.89 0.00

RAVENSWOOD___1 23533	32.43 1.99 -8.40	30.06 1.71 -9.74	28.41 1.76 -7.50	27.53 1.50 -9.39	29.01 1.88 -6.97	30.89 2.42 0.00	36.71 2.43 0.00	43.01 3.19 0.00	43.32 3.47 0.00	41.85 3.42 0.00	40.84 3.23 0.00	39.74 3.04 0.00	39.65 3.10 0.00	40.33 3.13 0.00	41.11 3.15 0.00	42.75 3.27 0.00	44.63 3.38 0.00	49.33 3.86 0.00	52.20 3.51 0.00	56.14 3.72 0.00	54.84 3.69 0.00	49.22 3.17 0.00	38.68 2.73 0.00	36.04 2.85 0.00
RAVENSWOOD___2 23534	32.43 1.99 -8.40	30.06 1.71 -9.74	28.39 1.74 -7.50	27.53 1.50 -9.39	29.01 1.88 -6.97	30.86 2.39 0.00	36.68 2.40 0.00	43.01 3.19 0.00	43.32 3.47 0.00	41.85 3.42 0.00	40.84 3.23 0.00	39.70 3.01 0.00	39.61 3.07 0.00	40.33 3.13 0.00	41.11 3.15 0.00	42.75 3.27 0.00	44.63 3.38 0.00	49.33 3.86 0.00	52.20 3.51 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.22 3.17 0.00	38.64 2.70 0.00	36.04 2.85 0.00
RAVENSWOOD___3 23535	32.41 1.96 -8.40	30.02 1.68 -9.74	28.35 1.70 -7.50	27.50 1.46 -9.39	28.95 1.82 -6.97	30.83 2.36 0.00	36.71 2.43 0.00	43.05 3.22 0.00	43.28 3.43 0.00	41.77 3.34 0.00	40.73 3.12 0.00	39.63 2.94 0.00	39.54 3.00 0.00	40.21 3.01 0.00	41.04 3.07 0.00	42.63 3.16 0.00	44.54 3.30 0.00	49.20 3.73 0.00	52.15 3.46 0.00	56.09 3.67 0.00	54.84 3.69 0.00	49.22 3.17 0.00	38.68 2.73 0.00	36.07 2.89 0.00
RAVENSWOOD___4 23820	32.41 1.96 -8.39	30.05 1.71 -9.73	28.39 1.74 -7.49	27.53 1.50 -9.39	29.01 1.88 -6.97	30.86 2.39 0.00	36.67 2.40 0.00	42.96 3.15 0.00	43.27 3.43 0.01	40.64 3.42 1.21	39.36 3.19 1.44	37.91 3.01 1.80	37.80 3.07 1.82	38.67 3.13 1.66	39.50 3.15 1.61	41.18 3.24 1.53	43.39 3.38 1.24	49.18 3.86 0.15	52.15 3.46 0.00	56.09 3.67 0.00	54.79 3.63 0.00	49.17 3.13 0.01	38.64 2.70 0.01	35.99 2.82 0.01
RCPL_TRUST___DRP 24196	32.59 2.14 -8.39	30.13 1.79 -9.73	28.47 1.82 -7.50	27.60 1.56 -9.39	29.09 1.96 -6.97	31.06 2.59 0.00	36.99 2.71 0.00	43.41 3.58 0.00	43.64 3.79 0.00	42.08 3.65 0.00	41.03 3.42 0.00	39.92 3.23 0.00	39.79 3.25 0.00	40.51 3.31 0.00	41.30 3.34 0.00	42.95 3.47 0.00	44.87 3.63 0.00	49.52 4.05 0.00	52.59 3.90 0.00	56.51 4.09 0.00	55.20 4.04 0.00	49.46 3.41 0.00	38.82 2.88 0.00	36.27 3.09 0.00
RED___ROCHESTER 323720	22.63 -0.46 -1.04	19.48 -0.33 -1.21	19.75 -0.33 -0.93	17.49 -0.32 -1.16	20.58 -0.44 -0.86	27.53 -0.94 0.00	32.87 -1.41 0.00	37.71 -2.11 0.00	37.78 -2.07 0.00	36.62 -1.81 0.01	35.80 -1.80 0.00	35.22 -1.47 0.00	35.12 -1.43 0.00	35.71 -1.49 0.00	36.40 -1.56 0.00	38.01 -1.46 0.00	39.59 -1.65 0.00	43.28 -2.18 0.01	46.90 -1.80 0.00	50.54 -1.89 0.00	49.36 -1.79 0.00	44.71 -1.34 0.00	35.12 -0.83 0.00	32.48 -0.70 0.00
REGAN___SOLAR 323812	35.65 1.87 -11.73	33.73 1.53 -13.60	31.23 1.61 -10.47	31.13 1.36 -13.12	31.59 1.69 -9.74	30.92 2.45 0.00	36.85 2.57 0.00	43.99 3.15 -1.02	43.21 3.03 -0.33	41.04 2.61 0.00	40.30 2.63 -0.06	39.41 2.57 -0.15	39.02 2.45 -0.03	39.90 2.60 -0.09	40.66 2.70 0.00	42.12 2.64 -0.01	44.44 2.89 -0.31	48.84 3.36 0.00	52.45 3.75 0.00	56.83 4.40 0.00	55.30 4.14 0.00	49.92 3.87 0.00	39.14 3.20 0.00	36.17 2.99 0.00
RENSSELAER___COGEN 23796	33.26 0.60 -10.61	31.42 0.50 -12.30	29.14 0.52 -9.47	28.96 0.45 -11.87	29.50 0.52 -8.81	29.21 0.74 0.00	34.80 0.51 0.00	30.96 0.75 9.62	37.40 0.68 3.13	38.93 0.50 0.00	37.60 0.56 0.57	35.94 0.62 1.38	36.80 0.55 0.29	36.90 0.59 0.89	38.53 0.57 0.00	39.99 0.59 0.08	38.97 0.66 2.93	46.29 0.82 0.00	49.38 0.68 0.00	53.10 0.68 0.00	51.87 0.72 0.00	46.60 0.55 0.00	36.74 0.79 0.00	34.14 0.96 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.85 1.87 -10.92	32.75 1.47 -12.67	30.50 1.59 -9.75	30.18 1.31 -12.22	30.87 1.63 -9.07	30.92 2.45 0.00	36.75 2.47 0.00	49.94 3.19 -6.94	45.18 3.07 -2.26	40.96 2.54 0.00	40.72 2.71 -0.41	40.44 2.75 -0.99	39.24 2.48 -0.21	40.60 2.75 -0.64	40.92 2.96 0.00	42.41 2.88 -0.05	46.57 3.22 -2.11	49.06 3.59 0.00	52.69 3.99 0.00	57.14 4.72 0.00	55.56 4.40 0.00	49.96 3.91 0.00	39.25 3.31 0.00	36.23 3.05 0.00
REVERE_CPPR_DRP 24186	22.99 0.51 -0.43	19.55 0.45 -0.49	19.97 0.44 -0.38	17.45 0.33 -0.48	20.96 0.44 -0.35	29.21 0.74 0.00	35.03 0.75 0.00	40.82 1.00 0.00	40.89 1.04 0.00	39.39 0.96 0.00	38.62 1.02 0.00	37.57 0.88 0.00	37.35 0.80 0.00	38.06 0.86 0.00	38.95 0.99 0.00	40.34 0.87 0.00	42.23 0.99 0.00	46.65 1.18 0.00	50.06 1.36 0.00	54.00 1.57 0.00	52.59 1.43 0.00	47.57 1.52 0.00	37.17 1.22 0.00	34.21 1.03 0.00
REYNLDPA_13_KV_LD 356490	21.68 -0.37 0.00	18.29 -0.32 0.00	18.83 -0.33 0.00	16.36 -0.28 0.00	19.82 -0.34 0.00	28.07 -0.40 0.00	34.31 0.03 0.00	39.86 0.04 0.00	39.89 0.04 0.00	38.54 0.12 0.00	37.76 0.15 0.00	36.84 0.15 0.00	36.69 0.15 0.00	37.31 0.11 0.00	38.04 0.08 0.00	39.63 0.16 0.00	41.37 0.12 0.00	45.52 0.05 0.00	48.89 0.19 0.00	52.63 0.21 0.00	51.36 0.20 0.00	46.19 0.14 0.00	35.80 -0.14 0.00	32.65 -0.53 0.00
REYNOLDS_115KV_TB3 80639	33.45 0.77 -10.63	31.57 0.63 -12.33	29.31 0.67 -9.49	29.11 0.58 -11.89	29.67 0.69 -8.83	29.44 0.97 0.00	35.03 0.75 0.00	28.49 1.04 12.36	36.74 0.92 4.03	39.16 0.73 0.00	37.67 0.79 0.73	35.77 0.84 1.77	36.97 0.80 0.38	36.88 0.82 1.15	38.76 0.80 0.00	40.20 0.83 0.10	38.38 0.91 3.77	46.61 1.14 0.00	49.72 1.02 0.00	53.52 1.10 0.00	52.23 1.07 0.00	46.97 0.92 0.00	36.95 1.01 0.00	34.38 1.19 0.00
RIVERBAY____ 323610	32.57 2.12 -8.40	30.17 1.82 -9.74	28.56 1.92 -7.50	27.66 1.63 -9.39	29.19 2.06 -6.97	31.06 2.59 0.00	36.85 2.57 0.00	43.17 3.35 0.00	43.48 3.63 0.00	42.00 3.57 0.00	40.95 3.35 0.00	39.85 3.16 0.00	39.72 3.18 0.00	40.40 3.20 0.00	41.19 3.23 0.00	42.83 3.36 0.00	44.79 3.55 0.00	49.38 3.91 0.00	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.36 3.32 0.00	38.79 2.84 0.00	36.17 2.99 0.00
RIVERSDE_115KV_TB3 55908	33.38 0.68 -10.65	31.53 0.58 -12.35	29.27 0.61 -9.51	29.08 0.53 -11.91	29.63 0.62 -8.84	29.36 0.88 0.00	34.93 0.65 0.00	30.28 0.92 10.46	37.28 0.84 3.41	39.08 0.65 0.00	37.70 0.71 0.62	35.97 0.77 1.50	36.95 0.73 0.32	36.98 0.74 0.97	38.72 0.76 0.00	40.14 0.75 0.08	38.92 0.87 3.19	46.47 1.00 0.00	49.57 0.88 0.00	53.37 0.94 0.00	52.08 0.92 0.00	46.83 0.78 0.00	36.88 0.93 0.00	34.28 1.09 0.00
ROARING___BROOK_WT_PWR 323790	21.44 -0.62 0.00	18.07 -0.54 0.00	18.62 -0.54 0.00	16.16 -0.48 0.00	19.60 -0.56 0.00	27.71 -0.77 0.00	33.49 -0.79 0.00	38.91 -0.91 0.00	38.98 -0.88 0.00	37.62 -0.81 0.00	36.81 -0.79 0.00	35.92 -0.77 0.00	35.74 -0.80 0.00	36.38 -0.82 0.00	37.13 -0.84 0.00	38.60 -0.87 0.00	40.38 -0.87 0.00	44.51 -0.96 0.00	47.72 -0.97 0.00	51.37 -1.05 0.00	50.08 -1.08 0.00	45.04 -1.01 0.00	35.08 -0.86 0.00	32.35 -0.83 0.00

ROCHESRG_115KV_T4 355643	22.51 -0.57 -1.03	19.32 -0.48 -1.20	19.58 -0.50 -0.92	17.35 -0.45 -1.16	20.43 -0.58 -0.86	27.19 -1.28 0.00	32.57 -1.71 0.00	37.31 -2.51 0.00	37.34 -2.51 0.01	36.19 -2.23 0.01	35.21 -2.26 0.14	34.67 -2.02 0.00	34.67 -1.86 0.01	35.26 -1.93 0.01	35.99 -1.97 0.00	37.54 -1.93 0.00	39.06 -2.19 0.00	42.72 -2.73 0.02	46.31 -2.39 0.00	49.91 -2.52 0.00	48.85 -2.30 0.00	44.16 -1.89 0.00	34.72 -1.22 0.00	32.19 -1.00 0.00
ROCHESTER_9_IC 23652	22.61 -0.49 -1.04	19.41 -0.41 -1.21	19.68 -0.40 -0.93	17.44 -0.37 -1.16	20.52 -0.50 -0.86	27.31 -1.17 0.00	32.74 -1.54 0.00	37.55 -2.27 0.00	37.58 -2.27 0.00	36.42 -2.00 0.01	35.57 -2.03 0.00	34.93 -1.76 0.00	34.90 -1.64 0.00	35.49 -1.71 0.00	36.22 -1.75 0.00	37.77 -1.70 0.00	39.35 -1.90 0.00	43.05 -2.41 0.01	46.60 -2.09 0.00	50.22 -2.20 0.00	49.16 -2.00 0.00	44.44 -1.61 0.00	34.94 -1.01 0.00	32.35 -0.83 0.00
ROCKVIEW_13_KV_LD 356306	32.39 1.94 -8.39	29.98 1.64 -9.74	28.31 1.67 -7.50	27.48 1.45 -9.39	28.93 1.79 -6.97	30.84 2.36 0.00	36.65 2.37 0.00	42.97 3.15 0.00	43.20 3.35 0.00	41.70 3.27 0.00	40.69 3.08 0.00	39.59 2.90 0.00	39.46 2.92 0.00	40.18 2.98 0.00	40.96 3.00 0.00	42.59 3.12 0.00	44.54 3.30 0.00	49.15 3.68 0.00	52.20 3.51 0.00	56.20 3.77 0.00	54.79 3.63 0.00	49.23 3.18 0.00	38.71 2.77 0.00	36.03 2.85 0.00
ROME____115KV_TB2 80656	22.99 0.51 -0.43	19.55 0.45 -0.49	19.97 0.44 -0.38	17.45 0.33 -0.48	20.96 0.44 -0.35	29.21 0.74 0.00	35.03 0.75 0.00	40.82 1.00 0.00	40.89 1.04 0.00	39.39 0.96 0.00	38.62 1.02 0.00	37.57 0.88 0.00	37.35 0.80 0.00	38.06 0.86 0.00	38.95 0.99 0.00	40.34 0.87 0.00	42.23 0.99 0.00	46.65 1.18 0.00	50.06 1.36 0.00	54.00 1.57 0.00	52.59 1.43 0.00	47.57 1.52 0.00	37.17 1.22 0.00	34.21 1.03 0.00
ROSETON___1 23587	31.94 1.59 -8.30	29.59 1.36 -9.62	27.92 1.36 -7.41	27.12 1.20 -9.28	28.52 1.47 -6.89	30.38 1.91 0.00	36.16 1.88 0.00	42.33 2.51 0.00	42.52 2.67 0.00	40.96 2.54 0.00	39.98 2.37 0.00	38.93 2.24 0.00	38.81 2.27 0.00	39.51 2.31 0.00	40.28 2.32 0.00	41.88 2.41 0.00	43.76 2.52 0.00	48.38 2.91 0.00	51.42 2.73 0.00	55.36 2.93 0.00	54.02 2.86 0.00	48.49 2.44 0.00	38.14 2.19 0.00	35.50 2.32 0.00
ROSETON___2 23588	31.94 1.59 -8.30	29.59 1.36 -9.62	27.92 1.36 -7.41	27.12 1.20 -9.28	28.52 1.47 -6.89	30.38 1.91 0.00	36.16 1.88 0.00	42.33 2.51 0.00	42.52 2.67 0.00	40.96 2.54 0.00	39.98 2.37 0.00	38.93 2.24 0.00	38.81 2.27 0.00	39.51 2.31 0.00	40.28 2.32 0.00	41.88 2.41 0.00	43.76 2.52 0.00	48.38 2.91 0.00	51.42 2.73 0.00	55.36 2.93 0.00	54.02 2.86 0.00	48.49 2.44 0.00	38.14 2.19 0.00	35.50 2.32 0.00
ROTRRDAM_115KV_TB3 80664	33.94 0.88 -11.00	32.09 0.73 -12.76	29.72 0.75 -9.83	29.60 0.65 -12.31	30.09 0.79 -9.14	29.58 1.11 0.00	35.31 1.03 0.00	42.27 1.31 -1.14	41.46 1.24 -0.37	39.50 1.08 0.00	38.76 1.09 -0.07	37.92 1.06 -0.16	37.60 1.02 -0.03	38.39 1.08 -0.11	39.06 1.10 0.00	40.63 1.14 -0.01	42.83 1.24 -0.35	46.88 1.41 0.00	50.16 1.46 0.00	54.05 1.63 0.00	52.69 1.53 0.00	47.43 1.38 0.00	37.20 1.26 0.00	34.51 1.33 0.00
RUSSELL___1 23602	22.70 -0.40 -1.04	19.48 -0.33 -1.21	19.76 -0.33 -0.93	17.49 -0.32 -1.16	20.58 -0.44 -0.86	27.42 -1.05 0.00	32.87 -1.41 0.00	37.75 -2.07 0.00	37.78 -2.07 0.00	36.62 -1.81 0.01	35.80 -1.81 0.00	35.11 -1.58 0.00	35.12 -1.43 0.00	35.71 -1.49 0.00	36.41 -1.56 0.00	38.01 -1.46 0.00	39.55 -1.69 0.00	43.27 -2.18 0.01	46.89 -1.80 0.00	50.54 -1.89 0.00	49.47 -1.69 0.00	44.71 -1.34 0.00	35.12 -0.83 0.00	32.52 -0.66 0.00
RUSSELL___2 23532	22.70 -0.40 -1.04	19.48 -0.33 -1.21	19.76 -0.33 -0.93	17.49 -0.32 -1.16	20.58 -0.44 -0.86	27.42 -1.05 0.00	32.87 -1.41 0.00	37.75 -2.07 0.00	37.78 -2.07 0.00	36.62 -1.81 0.01	35.80 -1.81 0.00	35.11 -1.58 0.00	35.12 -1.43 0.00	35.71 -1.49 0.00	36.41 -1.56 0.00	38.01 -1.46 0.00	39.55 -1.69 0.00	43.27 -2.18 0.01	46.89 -1.80 0.00	50.54 -1.89 0.00	49.47 -1.69 0.00	44.71 -1.34 0.00	35.12 -0.83 0.00	32.52 -0.66 0.00
RUSSELL___3 23549	22.70 -0.40 -1.04	19.48 -0.33 -1.21	19.76 -0.33 -0.93	17.49 -0.32 -1.16	20.58 -0.44 -0.86	27.42 -1.05 0.00	32.87 -1.41 0.00	37.75 -2.07 0.00	37.78 -2.07 0.00	36.62 -1.81 0.01	35.80 -1.81 0.00	35.11 -1.58 0.00	35.12 -1.43 0.00	35.71 -1.49 0.00	36.41 -1.56 0.00	38.01 -1.46 0.00	39.55 -1.69 0.00	43.27 -2.18 0.01	46.89 -1.80 0.00	50.54 -1.89 0.00	49.47 -1.69 0.00	44.71 -1.34 0.00	35.12 -0.83 0.00	32.52 -0.66 0.00
RUSSELL___4 23556	22.70 -0.40 -1.04	19.48 -0.33 -1.21	19.76 -0.33 -0.93	17.49 -0.32 -1.16	20.58 -0.44 -0.86	27.42 -1.05 0.00	32.87 -1.41 0.00	37.75 -2.07 0.00	37.78 -2.07 0.00	36.62 -1.81 0.01	35.80 -1.81 0.00	35.11 -1.58 0.00	35.12 -1.43 0.00	35.71 -1.49 0.00	36.41 -1.56 0.00	38.01 -1.46 0.00	39.55 -1.69 0.00	43.27 -2.18 0.01	46.89 -1.80 0.00	50.54 -1.89 0.00	49.47 -1.69 0.00	44.71 -1.34 0.00	35.12 -0.83 0.00	32.52 -0.66 0.00
RUSSELL___STATION 23914	22.70 -0.40 -1.04	19.48 -0.33 -1.21	19.76 -0.33 -0.93	17.49 -0.32 -1.16	20.58 -0.44 -0.86	27.42 -1.05 0.00	32.87 -1.41 0.00	37.75 -2.07 0.00	37.78 -2.07 0.00	36.62 -1.81 0.01	35.80 -1.81 0.00	35.11 -1.58 0.00	35.12 -1.43 0.00	35.71 -1.49 0.00	36.41 -1.56 0.00	38.01 -1.46 0.00	39.55 -1.69 0.00	43.27 -2.18 0.01	46.89 -1.80 0.00	50.54 -1.89 0.00	49.47 -1.69 0.00	44.71 -1.34 0.00	35.12 -0.83 0.00	32.52 -0.66 0.00
S SALMON___HYD 24043	22.34 -0.31 -0.60	19.06 -0.24 -0.69	19.43 -0.25 -0.53	17.06 -0.25 -0.67	20.37 -0.28 -0.49	28.02 -0.46 0.00	33.56 -0.72 0.00	38.91 -0.91 0.00	38.90 -0.96 0.00	37.58 -0.85 0.00	36.81 -0.79 0.00	35.99 -0.70 0.00	35.85 -0.70 0.00	36.49 -0.71 0.00	37.32 -0.65 0.00	38.68 -0.79 0.00	40.34 -0.91 0.00	44.47 -1.00 0.00	47.82 -0.88 0.00	51.58 -0.84 0.00	50.29 -0.87 0.00	45.45 -0.60 0.00	35.62 -0.32 0.00	32.88 -0.30 0.00
S.PERRY__115KV_TB1 80734	23.28 -0.26 -1.49	20.13 -0.20 -1.73	20.29 -0.19 -1.33	18.13 -0.18 -1.67	21.12 -0.28 -1.24	27.85 -0.63 0.00	33.46 -0.82 0.00	38.88 -1.12 -0.17	47.03 -1.43 -8.61	52.99 -1.35 -15.91	39.54 -1.54 -3.48	35.22 -1.58 -0.11	35.18 -1.53 -0.17	35.88 -1.49 -0.17	36.48 -1.48 0.00	38.09 -1.38 0.00	39.97 -1.44 -0.17	52.53 -1.41 -8.47	47.87 -0.83 0.00	52.00 -0.42 0.00	51.00 -0.15 0.00	46.09 0.05 0.00	36.13 0.18 0.00	33.41 0.23 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.15 -1.28 -1.37	19.10 -1.10 -1.59	19.27 -1.11 -1.22	17.21 -0.97 -1.54	20.05 -1.25 -1.14	26.39 -2.08 0.00	31.43 -2.85 0.00	36.31 -3.46 0.05	34.10 -3.47 2.29	31.14 -3.07 4.21	33.47 -3.20 0.94	33.36 -3.30 0.03	33.31 -3.18 0.05	33.96 -3.20 0.05	34.62 -3.34 0.00	36.08 -3.39 0.00	37.48 -3.71 0.05	39.67 -4.00 1.80	44.51 -4.19 0.00	48.02 -4.40 0.00	47.17 -3.99 0.00	42.78 -3.27 0.00	33.93 -2.01 0.00	31.65 -1.53 0.00

SAWYER___23_KV_LOAD 55526	22.15 -1.28 -1.37	19.10 -1.10 -1.59	19.27 -1.11 -1.22	17.21 -0.97 -1.54	20.05 -1.25 -1.14	26.39 -2.08 0.00	31.43 -2.85 0.00	36.31 -3.46 0.05	34.10 -3.47 2.29	31.14 -3.07 4.21	33.47 -3.20 0.94	33.36 -3.30 0.03	33.31 -3.18 0.05	33.96 -3.20 0.05	34.62 -3.34 0.00	36.08 -3.39 0.00	37.48 -3.71 0.05	39.67 -4.00 1.80	44.51 -4.19 0.00	48.02 -4.40 0.00	47.17 -3.99 0.00	42.78 -3.27 0.00	33.93 -2.01 0.00	31.65 -1.53 0.00
SELKIRK___I 23801	32.99 0.62 -10.32	31.09 0.52 -11.96	28.92 0.56 -9.21	28.65 0.47 -11.54	29.27 0.54 -8.57	29.30 0.83 0.00	34.93 0.65 0.00	36.06 0.87 4.64	39.10 0.76 1.51	38.97 0.54 0.00	37.93 0.60 0.27	36.65 0.62 0.66	36.98 0.58 0.14	37.40 0.63 0.43	38.57 0.61 0.00	40.06 0.63 0.04	40.57 0.74 1.41	46.33 0.86 0.00	49.52 0.83 0.00	53.31 0.89 0.00	52.08 0.92 0.00	46.83 0.78 0.00	36.88 0.93 0.00	34.24 1.06 0.00
SELKIRK___II 23799	33.23 0.64 -10.54	31.37 0.54 -12.22	29.12 0.56 -9.41	28.91 0.48 -11.79	29.50 0.58 -8.75	29.27 0.80 0.00	34.93 0.65 0.00	34.51 0.87 6.19	38.68 0.84 2.02	39.08 0.65 0.00	37.92 0.68 0.37	36.50 0.70 0.88	37.01 0.66 0.19	37.33 0.71 0.57	38.65 0.68 0.00	40.13 0.71 0.05	40.14 0.78 1.89	46.43 0.96 0.00	49.52 0.83 0.00	53.31 0.89 0.00	52.02 0.87 0.00	46.78 0.73 0.00	36.85 0.90 0.00	34.21 1.03 0.00
SENECA OSWGO___HYD 24041	22.32 -0.38 -0.64	19.06 -0.30 -0.75	19.42 -0.31 -0.57	17.08 -0.28 -0.72	20.35 -0.34 -0.53	27.90 -0.57 0.00	33.46 -0.82 0.00	38.79 -1.04 0.00	38.78 -1.07 0.00	37.51 -0.92 0.00	36.70 -0.90 0.00	35.88 -0.81 0.00	35.74 -0.80 0.00	36.38 -0.82 0.00	37.16 -0.80 0.00	38.60 -0.87 0.00	40.30 -0.95 0.00	44.38 -1.09 0.00	47.62 -1.07 0.00	51.27 -1.15 0.00	49.98 -1.17 0.00	45.04 -1.01 0.00	35.26 -0.68 0.00	32.65 -0.53 0.00
SENECA___115KV_TB3 355854	22.19 -1.30 -1.44	19.18 -1.10 -1.67	19.30 -1.13 -1.28	17.27 -0.98 -1.61	20.08 -1.27 -1.19	26.59 -1.88 0.00	31.71 -2.57 0.00	37.02 -2.75 0.05	34.64 -2.75 2.46	31.51 -2.38 4.54	34.08 -2.52 1.01	33.76 -2.90 0.03	33.68 -2.81 0.05	34.40 -2.75 0.05	35.04 -2.92 0.00	36.51 -2.96 0.00	37.94 -3.26 0.05	40.16 -3.18 2.13	45.04 -3.65 0.00	48.65 -3.77 0.00	47.73 -3.43 0.00	43.29 -2.76 0.00	34.36 -1.58 0.00	32.02 -1.16 0.00
SENECA___ENERGY 23797	22.75 -0.35 -1.05	19.56 -0.26 -1.21	19.82 -0.27 -0.93	17.58 -0.23 -1.17	20.73 -0.30 -0.87	27.99 -0.48 0.00	33.56 -0.72 0.00	38.96 -0.88 -0.01	39.48 -0.96 -0.58	38.74 -0.77 -1.08	37.06 -0.79 -0.24	35.93 -0.77 -0.01	35.78 -0.77 -0.01	36.47 -0.74 -0.01	37.20 -0.76 0.00	38.64 -0.83 0.00	40.39 -0.87 -0.01	45.00 -1.04 -0.57	47.82 -0.88 0.00	51.42 -1.00 0.00	50.18 -0.97 0.00	45.36 -0.69 0.00	35.52 -0.43 0.00	32.88 -0.30 0.00
SHOEMAKER___GT 23640	31.07 1.39 -7.63	28.65 1.19 -8.85	27.15 1.19 -6.81	26.24 1.07 -8.53	27.79 1.29 -6.34	30.15 1.68 0.00	35.93 1.65 0.00	42.01 2.19 0.00	42.16 2.31 0.00	40.58 2.15 0.00	39.64 2.03 0.00	38.56 1.87 0.00	38.44 1.90 0.00	39.14 1.93 0.00	39.93 1.97 0.00	41.48 2.01 0.00	43.39 2.14 0.00	47.97 2.50 0.00	51.08 2.39 0.00	55.04 2.62 0.00	53.71 2.56 0.00	48.26 2.21 0.00	37.96 2.01 0.00	35.27 2.09 0.00
SHOEMAKR_138KV_BK 111 55601	31.04 1.41 -7.58	28.59 1.19 -8.79	27.12 1.21 -6.77	26.18 1.06 -8.48	27.76 1.31 -6.30	30.18 1.71 0.00	35.93 1.65 0.00	42.01 2.19 0.00	42.17 2.31 0.00	40.62 2.19 0.00	39.67 2.07 0.00	38.64 1.94 0.00	38.48 1.94 0.00	39.17 1.97 0.00	39.97 2.01 0.00	41.52 2.05 0.00	43.47 2.23 0.00	47.97 2.50 0.00	51.13 2.43 0.00	55.04 2.62 0.00	53.71 2.56 0.00	48.26 2.21 0.00	37.96 2.01 0.00	35.27 2.09 0.00
SHOREHAM_IC_1 23715	45.69 2.93 -20.70	39.18 2.48 -18.09	35.22 2.53 -13.54	30.70 2.20 -11.87	33.89 2.70 -11.03	38.56 3.65 -6.45	46.28 3.94 -8.06	47.89 5.02 -3.05	48.35 5.18 -3.31	49.16 4.80 -5.93	53.11 3.84 -11.67	53.03 3.49 -12.85	54.63 3.58 -14.51	56.41 3.68 -15.52	58.13 3.76 -16.41	58.25 3.91 -14.87	58.36 4.21 -12.91	78.66 4.91 -28.28	63.11 4.87 -9.54	65.62 5.24 -7.96	62.76 5.16 -6.44	62.41 4.52 -11.85	48.21 4.06 -8.21	43.95 4.38 -6.39
SHOREHAM_IC_2 23716	45.69 2.93 -20.70	39.18 2.47 -18.09	35.22 2.53 -13.54	30.70 2.20 -11.87	33.89 2.70 -11.03	38.56 3.64 -6.45	46.28 3.94 -8.06	47.89 5.02 -3.05	48.35 5.18 -3.31	49.16 4.80 -5.93	53.11 3.84 -11.67	53.18 3.63 -12.85	54.63 3.58 -14.51	56.41 3.68 -15.52	58.05 3.68 -16.41	58.25 3.91 -14.87	58.40 4.25 -12.91	78.62 4.87 -28.28	63.11 4.87 -9.54	65.62 5.24 -7.96	62.71 5.12 -6.44	62.41 4.51 -11.85	48.22 4.06 -8.21	43.95 4.38 -6.39
SISSONVILLE____ 23735	20.93 -1.12 0.00	17.66 -0.95 0.00	18.17 -0.98 0.00	15.76 -0.88 0.00	19.11 -1.05 0.00	27.16 -1.31 0.00	33.46 -0.82 0.00	38.91 -0.92 0.00	38.90 -0.96 0.00	37.51 -0.92 0.00	36.74 -0.86 0.00	35.81 -0.88 0.00	35.66 -0.88 0.00	36.24 -0.97 0.00	37.01 -0.95 0.00	38.52 -0.95 0.00	40.17 -1.07 0.00	44.02 -1.46 0.00	47.38 -1.31 0.00	51.11 -1.31 0.00	49.83 -1.33 0.00	44.85 -1.20 0.00	34.69 -1.26 0.00	31.52 -1.66 0.00
SITHE_IND_GS1 24169	22.01 -0.55 -0.51	18.75 -0.45 -0.59	19.15 -0.46 -0.45	16.81 -0.40 -0.57	20.08 -0.50 -0.42	27.71 -0.77 0.00	33.25 -1.03 0.00	38.39 -1.43 0.00	38.42 -1.43 0.00	37.08 -1.35 0.00	36.29 -1.32 0.00	35.44 -1.25 0.00	35.34 -1.20 0.00	35.98 -1.23 0.00	36.71 -1.25 0.00	38.17 -1.30 0.00	39.84 -1.40 0.00	43.88 -1.59 0.00	47.04 -1.66 0.00	50.64 -1.78 0.00	49.36 -1.79 0.00	44.53 -1.52 0.00	34.87 -1.08 0.00	32.32 -0.86 0.00
SITHE_IND_GS2 24170	22.01 -0.55 -0.51	18.75 -0.45 -0.59	19.15 -0.46 -0.45	16.81 -0.40 -0.57	20.08 -0.50 -0.42	27.71 -0.77 0.00	33.25 -1.03 0.00	38.39 -1.43 0.00	38.42 -1.43 0.00	37.08 -1.35 0.00	36.29 -1.32 0.00	35.44 -1.25 0.00	35.34 -1.20 0.00	35.98 -1.23 0.00	36.71 -1.25 0.00	38.17 -1.30 0.00	39.84 -1.40 0.00	43.88 -1.59 0.00	47.04 -1.66 0.00	50.64 -1.78 0.00	49.36 -1.79 0.00	44.53 -1.52 0.00	34.87 -1.08 0.00	32.32 -0.86 0.00
SITHE_IND_GS3 24171	22.01 -0.55 -0.51	18.75 -0.45 -0.59	19.15 -0.46 -0.45	16.81 -0.40 -0.57	20.08 -0.50 -0.42	27.71 -0.77 0.00	33.25 -1.03 0.00	38.39 -1.43 0.00	38.42 -1.43 0.00	37.08 -1.35 0.00	36.29 -1.32 0.00	35.44 -1.25 0.00	35.34 -1.20 0.00	35.98 -1.23 0.00	36.71 -1.25 0.00	38.17 -1.30 0.00	39.84 -1.40 0.00	43.88 -1.59 0.00	47.04 -1.66 0.00	50.64 -1.78 0.00	49.36 -1.79 0.00	44.53 -1.52 0.00	34.87 -1.08 0.00	32.32 -0.86 0.00
SITHE_IND_GS4 24172	22.01 -0.55 -0.51	18.75 -0.45 -0.59	19.15 -0.46 -0.45	16.81 -0.40 -0.57	20.08 -0.50 -0.42	27.71 -0.77 0.00	33.25 -1.03 0.00	38.39 -1.43 0.00	38.42 -1.43 0.00	37.08 -1.35 0.00	36.29 -1.32 0.00	35.44 -1.25 0.00	35.34 -1.20 0.00	35.98 -1.23 0.00	36.71 -1.25 0.00	38.17 -1.30 0.00	39.84 -1.40 0.00	43.88 -1.59 0.00	47.04 -1.66 0.00	50.64 -1.78 0.00	49.36 -1.79 0.00	44.53 -1.52 0.00	34.87 -1.08 0.00	32.32 -0.86 0.00

SITHE___BATAVIA 24024	22.48 -0.77 -1.20	19.44 -0.56 -1.39	19.66 -0.56 -1.07	17.43 -0.55 -1.34	20.43 -0.72 -0.99	27.33 -1.14 0.00	32.53 -1.75 0.00	37.57 -2.23 0.02	36.43 -2.23 1.19	34.27 -1.96 2.20	35.05 -2.07 0.49	34.62 -2.05 0.02	34.47 -2.05 0.02	35.13 -2.05 0.02	35.80 -2.16 0.00	37.38 -2.09 0.00	38.87 -2.35 0.02	41.68 -2.73 1.06	46.36 -2.34 0.00	50.17 -2.25 0.00	49.06 -2.10 0.00	44.57 -1.48 0.00	35.12 -0.83 0.00	32.48 -0.70 0.00
SITHE___INDEPEND 23800	22.03 -0.53 -0.51	18.75 -0.45 -0.59	19.15 -0.46 -0.45	16.81 -0.40 -0.57	20.08 -0.50 -0.42	27.68 -0.80 0.00	33.25 -1.03 0.00	38.39 -1.43 0.00	38.42 -1.43 0.00	37.08 -1.35 0.00	36.29 -1.32 0.00	35.44 -1.25 0.00	35.34 -1.21 0.00	35.98 -1.23 0.00	36.71 -1.25 0.00	38.17 -1.30 0.00	39.84 -1.40 0.00	43.88 -1.59 0.00	47.04 -1.66 0.00	50.64 -1.78 0.00	49.42 -1.74 0.00	44.53 -1.52 0.00	34.87 -1.08 0.00	32.32 -0.86 0.00
SITHE___MASSENA 23902	21.59 -0.46 0.00	18.20 -0.41 0.00	18.73 -0.42 0.00	16.26 -0.38 0.00	19.70 -0.46 0.00	27.93 -0.54 0.00	34.28 0.00 0.00	39.86 0.04 0.00	39.89 0.04 0.00	38.47 0.04 0.00	37.72 0.11 0.00	36.80 0.11 0.00	36.65 0.11 0.00	37.24 0.04 0.00	38.00 0.04 0.00	39.59 0.12 0.00	41.37 0.12 0.00	45.29 -0.18 0.00	48.65 -0.05 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.00 -0.05 0.00	35.66 -0.29 0.00	32.48 -0.70 0.00
SITHE___OGDNSBRG 24021	21.55 -0.51 0.00	18.18 -0.43 0.00	18.71 -0.44 0.00	16.22 -0.42 0.00	19.68 -0.48 0.00	27.99 -0.48 0.00	34.45 0.17 0.00	40.02 0.20 0.00	39.93 0.08 0.00	38.39 -0.04 0.00	37.61 0.00 0.00	36.62 -0.07 0.00	36.43 -0.11 0.00	37.02 -0.19 0.00	37.81 -0.15 0.00	39.43 -0.04 0.00	41.20 -0.04 0.00	45.29 -0.18 0.00	48.84 0.15 0.00	52.79 0.37 0.00	51.46 0.31 0.00	46.37 0.32 0.00	35.84 -0.11 0.00	32.52 -0.66 0.00
SITHE___STERLING 23777	22.97 0.42 -0.50	19.56 0.37 -0.58	19.98 0.38 -0.45	17.50 0.30 -0.56	20.96 0.38 -0.42	29.07 0.60 0.00	34.86 0.58 0.00	40.66 0.84 0.00	40.73 0.88 0.00	39.24 0.81 0.00	38.43 0.83 0.00	37.43 0.73 0.00	37.20 0.66 0.00	37.91 0.71 0.00	38.80 0.83 0.00	40.18 0.71 0.00	41.99 0.74 0.00	46.38 0.91 0.00	49.72 1.02 0.00	53.63 1.21 0.00	52.28 1.12 0.00	47.20 1.15 0.00	36.92 0.97 0.00	34.04 0.86 0.00
SLEIGHT__34_KV_TB1 80719	22.59 -0.46 -1.00	19.39 -0.37 -1.16	19.66 -0.38 -0.89	17.40 -0.35 -1.11	20.52 -0.46 -0.83	27.53 -0.94 0.00	33.05 -1.23 0.00	38.11 -1.71 0.00	38.14 -1.71 0.00	36.96 -1.46 0.01	36.14 -1.47 0.00	35.44 -1.25 0.00	35.41 -1.13 0.00	36.01 -1.19 0.00	36.75 -1.21 0.00	38.25 -1.22 0.00	39.84 -1.40 0.00	43.68 -1.77 0.01	47.14 -1.56 0.00	50.80 -1.63 0.00	49.62 -1.53 0.00	44.76 -1.29 0.00	35.08 -0.86 0.00	32.45 -0.73 0.00
SMITHTWN_69_KV_BK 1 55830	45.47 2.71 -20.70	38.99 2.29 -18.09	35.02 2.34 -13.54	30.54 2.03 -11.87	33.69 2.50 -11.03	38.28 3.36 -6.45	45.94 3.60 -8.06	47.41 4.54 -3.05	47.89 4.70 -3.33	48.73 4.34 -5.96	52.79 3.46 -11.72	52.91 3.30 -12.92	54.37 3.25 -14.58	56.15 3.35 -15.60	57.75 3.30 -16.49	57.93 3.51 -14.94	58.01 3.79 -12.97	78.22 4.32 -28.43	62.54 4.24 -9.60	65.02 4.56 -8.03	62.09 4.45 -6.48	61.88 3.91 -11.91	49.22 3.70 -9.58	43.66 4.05 -6.43
SOUTH CAIRO___GT 23612	32.80 0.90 -9.84	30.73 0.71 -11.42	28.67 0.73 -8.79	28.30 0.65 -11.02	29.08 0.75 -8.18	30.10 1.62 0.00	35.79 1.51 0.00	37.97 2.19 4.05	40.61 2.07 1.32	39.74 1.31 0.00	38.72 1.35 0.24	37.40 1.28 0.58	37.59 1.17 0.12	38.06 1.23 0.38	38.99 1.02 0.00	40.74 1.30 0.03	41.70 1.69 1.23	47.33 1.86 0.00	50.89 2.19 0.00	55.04 2.62 0.00	53.71 2.56 0.00	48.26 2.21 0.00	38.14 2.19 0.00	35.27 2.09 0.00
SOUTH HAMPTN___IC 23720	45.73 2.98 -20.70	39.21 2.51 -18.09	35.26 2.57 -13.54	30.75 2.25 -11.87	33.95 2.76 -11.03	38.62 3.70 -6.45	46.38 4.04 -8.06	48.05 5.17 -3.05	48.50 5.34 -3.31	49.31 4.96 -5.92	53.17 3.91 -11.65	53.13 3.60 -12.84	54.72 3.69 -14.49	56.50 3.80 -15.50	58.18 3.83 -16.38	58.35 4.03 -14.85	58.42 4.29 -12.89	78.72 5.00 -28.24	63.14 4.92 -9.53	65.66 5.29 -7.94	62.81 5.22 -6.43	62.39 4.52 -11.83	48.10 4.06 -8.10	44.02 4.45 -6.39
SOUTHDOW_115KV_TB1 355954	22.31 -1.30 -1.55	19.33 -1.08 -1.80	19.43 -1.11 -1.39	17.43 -0.95 -1.74	20.26 -1.19 -1.29	27.05 -1.42 0.00	32.36 -1.92 0.00	38.52 -1.27 0.03	37.27 -1.24 1.35	35.02 -0.92 2.49	35.92 -1.13 0.56	34.80 -1.87 0.02	34.65 -1.86 0.03	35.57 -1.60 0.03	36.29 -1.67 0.00	37.77 -1.70 0.00	39.36 -1.86 0.03	43.24 -1.14 1.09	46.75 -1.95 0.00	50.59 -1.83 0.00	49.57 -1.59 0.00	44.90 -1.15 0.00	35.52 -0.43 0.00	32.92 -0.27 0.00
SOUTHOLD_69_KV_BK 2 55809	45.76 3.00 -20.70	39.23 2.53 -18.09	35.27 2.57 -13.54	30.75 2.25 -11.87	33.97 2.78 -11.03	38.65 3.73 -6.45	46.42 4.08 -8.06	48.21 5.34 -3.05	48.62 5.46 -3.31	49.38 5.03 -5.92	53.10 3.84 -11.65	53.02 3.49 -12.84	54.61 3.58 -14.49	56.35 3.65 -15.50	58.11 3.76 -16.39	58.27 3.95 -14.85	58.35 4.21 -12.89	78.67 4.96 -28.25	63.00 4.78 -9.53	65.51 5.14 -7.94	62.60 5.02 -6.43	62.26 4.38 -11.83	47.96 3.92 -8.10	43.95 4.38 -6.39
SOUTH_FORK_WT_PWR 323839	45.60 2.85 -20.70	39.12 2.42 -18.09	35.14 2.45 -13.54	30.64 2.13 -11.87	33.83 2.64 -11.03	38.45 3.53 -6.45	46.21 3.87 -8.06	47.97 5.10 -3.05	48.38 5.22 -3.31	49.11 4.76 -5.92	52.68 3.42 -11.65	52.57 3.04 -12.84	54.17 3.14 -14.49	55.94 3.24 -15.50	57.65 3.30 -16.39	57.83 3.51 -14.85	57.89 3.75 -12.89	78.17 4.46 -28.24	62.42 4.19 -9.53	64.82 4.45 -7.94	61.93 4.35 -6.43	61.65 3.78 -11.83	47.50 3.45 -8.10	43.62 4.05 -6.39
SPIERFLS_115KV_TB 1 80737	34.17 1.19 -10.93	32.23 0.95 -12.68	29.93 1.02 -9.76	29.72 0.85 -12.23	30.29 1.05 -9.08	30.01 1.54 0.00	35.75 1.47 0.00	48.25 1.99 -6.43	43.86 1.91 -2.10	39.97 1.54 0.00	39.64 1.65 -0.38	39.30 1.69 -0.92	38.27 1.53 -0.20	39.47 1.67 -0.60	39.78 1.82 0.00	41.30 1.78 -0.05	45.18 1.98 -1.96	47.70 2.23 0.00	51.08 2.39 0.00	55.20 2.78 0.00	53.71 2.56 0.00	48.30 2.26 0.00	37.96 2.01 0.00	35.11 1.92 0.00
ST LAWRENCE____ 23600	21.57 -0.49 0.00	18.18 -0.43 0.00	18.71 -0.44 0.00	16.26 -0.38 0.00	19.72 -0.44 0.00	27.93 -0.54 0.00	34.08 -0.20 0.00	39.58 -0.24 0.00	39.62 -0.24 0.00	38.24 -0.19 0.00	37.42 -0.19 0.00	36.51 -0.18 0.00	36.36 -0.18 0.00	36.98 -0.22 0.00	37.74 -0.23 0.00	39.28 -0.20 0.00	41.04 -0.21 0.00	45.15 -0.32 0.00	48.45 -0.24 0.00	52.16 -0.26 0.00	50.90 -0.25 0.00	45.82 -0.23 0.00	35.48 -0.47 0.00	32.45 -0.73 0.00

STATE_CA_115KV_115_LB 55624	33.44 0.68 -10.70	31.60 0.58 -12.41	29.32 0.61 -9.56	29.13 0.52 -11.97	29.65 0.60 -8.89	29.36 0.88 0.00	34.93 0.65 0.00	32.75 0.96 8.03	38.12 0.88 2.62	39.12 0.69 0.00	37.92 0.79 0.47	36.39 0.84 1.15	37.06 0.77 0.25	37.28 0.82 0.74	38.80 0.84 0.00	40.24 0.83 0.06	39.70 0.91 2.45	46.52 1.05 0.00	49.62 0.93 0.00	53.42 1.00 0.00	52.08 0.92 0.00	46.83 0.78 0.00	36.92 0.97 0.00	34.28 1.09 0.00
STATE_ST_34_KV_LOAD 55959	22.99 -0.09 -1.02	19.72 -0.07 -1.19	19.99 -0.08 -0.91	17.70 -0.08 -1.14	20.91 -0.10 -0.85	28.22 -0.26 0.00	33.94 -0.34 0.00	39.34 -0.48 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.19 -0.41 0.00	36.29 -0.40 0.00	36.18 -0.37 0.00	36.87 -0.33 0.00	37.62 -0.34 0.00	39.08 -0.39 0.00	40.87 -0.37 0.00	44.97 -0.50 0.00	48.36 -0.34 0.00	52.06 -0.37 0.00	50.80 -0.36 0.00	45.77 -0.28 0.00	35.84 -0.11 0.00	33.15 -0.03 0.00
STATION_5_MISC_HYD 23604	22.56 -0.53 -1.04	19.41 -0.41 -1.21	19.68 -0.40 -0.93	17.44 -0.37 -1.16	20.52 -0.50 -0.86	27.42 -1.05 0.00	32.74 -1.54 0.00	37.55 -2.27 0.00	37.54 -2.31 0.00	36.42 -2.00 0.01	35.57 -2.03 0.00	35.00 -1.69 0.00	34.90 -1.64 0.00	35.49 -1.71 0.00	36.22 -1.75 0.00	37.78 -1.70 0.00	39.35 -1.90 0.00	43.00 -2.46 0.01	46.60 -2.09 0.00	50.22 -2.20 0.00	49.06 -2.10 0.00	44.44 -1.61 0.00	34.94 -1.01 0.00	32.35 -0.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.72 -0.37 -1.04	19.49 -0.32 -1.20	19.75 -0.33 -0.93	17.52 -0.28 -1.16	20.64 -0.38 -0.86	27.65 -0.83 0.00	33.18 -1.10 0.00	38.39 -1.43 0.00	38.38 -1.47 0.00	37.16 -1.27 0.00	36.33 -1.28 0.00	35.52 -1.17 0.00	35.48 -1.06 0.00	36.12 -1.08 0.00	36.82 -1.14 0.00	38.33 -1.14 0.00	39.97 -1.28 0.00	43.88 -1.59 0.00	47.33 -1.36 0.00	50.95 -1.47 0.00	49.77 -1.38 0.00	44.99 -1.06 0.00	35.30 -0.65 0.00	32.65 -0.53 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.51 -0.57 -1.03	19.32 -0.48 -1.19	19.57 -0.50 -0.92	17.34 -0.45 -1.15	20.43 -0.58 -0.86	27.22 -1.25 0.00	32.63 -1.65 0.00	37.47 -2.35 0.00	37.50 -2.35 0.00	36.35 -2.08 0.01	35.54 -2.07 0.00	34.86 -1.83 0.00	34.86 -1.68 0.00	35.45 -1.75 0.00	36.14 -1.82 0.00	37.70 -1.78 0.00	39.26 -1.98 0.00	42.96 -2.50 0.01	46.51 -2.19 0.00	50.12 -2.31 0.00	49.01 -2.15 0.00	44.30 -1.75 0.00	34.80 -1.15 0.00	32.22 -0.96 0.00
STA_56___34_KV_BUS2 355983	22.51 -0.57 -1.03	19.32 -0.48 -1.19	19.57 -0.50 -0.92	17.34 -0.45 -1.15	20.43 -0.58 -0.86	27.22 -1.25 0.00	32.63 -1.65 0.00	37.47 -2.35 0.00	37.50 -2.35 0.00	36.35 -2.08 0.01	35.54 -2.07 0.00	34.86 -1.83 0.00	34.86 -1.68 0.00	35.45 -1.75 0.00	36.14 -1.82 0.00	37.70 -1.78 0.00	39.26 -1.98 0.00	42.96 -2.50 0.01	46.51 -2.19 0.00	50.12 -2.31 0.00	49.01 -2.15 0.00	44.30 -1.75 0.00	34.80 -1.15 0.00	32.22 -0.96 0.00
STA_67___115KV_BK2 355882	22.59 -0.51 -1.04	19.39 -0.43 -1.21	19.64 -0.44 -0.93	17.40 -0.40 -1.16	20.48 -0.54 -0.86	27.25 -1.22 0.00	32.67 -1.61 0.00	37.43 -2.39 0.00	37.46 -2.39 0.00	36.31 -2.11 0.01	35.50 -2.11 0.00	34.82 -1.87 0.00	34.82 -1.72 0.00	35.38 -1.82 0.00	36.10 -1.86 0.00	37.66 -1.82 0.00	39.22 -2.02 0.00	42.91 -2.55 0.01	46.51 -2.19 0.00	50.12 -2.31 0.00	49.06 -2.10 0.00	44.34 -1.70 0.00	34.83 -1.11 0.00	32.29 -0.90 0.00
STA_7___115KV_9TRANS 80674	22.70 -0.40 -1.04	19.48 -0.33 -1.21	19.76 -0.33 -0.93	17.49 -0.32 -1.16	20.58 -0.44 -0.86	27.42 -1.05 0.00	32.87 -1.41 0.00	37.75 -2.07 0.00	37.78 -2.07 0.00	36.62 -1.81 0.01	35.80 -1.81 0.00	35.11 -1.58 0.00	35.12 -1.43 0.00	35.71 -1.49 0.00	36.41 -1.56 0.00	38.01 -1.46 0.00	39.55 -1.69 0.00	43.27 -2.18 0.01	46.89 -1.80 0.00	50.54 -1.89 0.00	49.47 -1.69 0.00	44.71 -1.34 0.00	35.12 -0.83 0.00	32.52 -0.66 0.00
STA_82___115KV_TB1 80780	22.59 -0.51 -1.04	19.39 -0.43 -1.21	19.64 -0.44 -0.93	17.41 -0.40 -1.17	20.48 -0.54 -0.87	27.28 -1.20 0.00	32.67 -1.61 0.00	37.47 -2.35 0.00	37.46 -2.39 0.00	36.32 -2.11 0.00	35.50 -2.11 0.00	34.82 -1.87 0.00	34.82 -1.72 0.00	35.38 -1.82 0.00	36.10 -1.86 0.00	37.70 -1.78 0.00	39.22 -2.02 0.00	42.92 -2.55 0.00	46.51 -2.19 0.00	50.12 -2.31 0.00	49.06 -2.10 0.00	44.34 -1.70 0.00	34.87 -1.08 0.00	32.29 -0.90 0.00
STEEL___WIND 323596	22.06 -1.43 -1.44	19.16 -1.12 -1.67	19.29 -1.15 -1.28	17.27 -0.98 -1.61	20.08 -1.27 -1.19	26.79 -1.68 0.00	31.71 -2.57 0.00	36.98 -2.79 0.05	34.60 -2.79 2.46	31.47 -2.42 4.54	34.04 -2.56 1.01	33.72 -2.94 0.03	33.64 -2.85 0.05	34.36 -2.79 0.05	35.00 -2.96 0.00	36.47 -3.00 0.00	37.89 -3.30 0.05	40.07 -3.27 2.13	44.99 -3.70 0.00	48.60 -3.82 0.00	47.53 -3.63 0.00	43.24 -2.81 0.00	34.33 -1.62 0.00	31.95 -1.23 0.00
STEPHTWN_115KV_BK_2 55603	33.50 0.84 -10.61	31.60 0.69 -12.30	29.35 0.73 -9.47	29.13 0.62 -11.87	29.70 0.73 -8.81	29.53 1.05 0.00	35.14 0.86 0.00	31.44 1.23 9.62	37.83 1.12 3.13	39.31 0.88 0.00	37.98 0.94 0.57	36.31 0.99 1.38	37.16 0.91 0.29	37.32 1.00 0.89	38.99 1.02 0.00	40.42 1.03 0.08	39.47 1.15 2.93	46.79 1.32 0.00	49.91 1.22 0.00	53.79 1.36 0.00	52.43 1.28 0.00	47.15 1.11 0.00	37.17 1.22 0.00	34.51 1.33 0.00
STEBEN_REC_LFGE 323667	22.78 -1.17 -1.90	19.82 -0.99 -2.20	19.87 -0.98 -1.69	17.96 -0.80 -2.12	20.73 -1.01 -1.57	27.11 -1.37 0.00	32.50 -1.78 0.00	38.26 -1.67 -0.11	43.71 -1.79 -5.65	47.33 -1.54 -10.44	38.23 -1.65 -2.28	34.82 -1.94 -0.07	34.75 -1.90 -0.11	35.60 -1.71 -0.11	36.22 -1.75 0.00	37.73 -1.74 0.00	39.54 -1.81 -0.11	49.56 -1.50 -5.59	47.09 -1.61 0.00	50.95 -1.47 0.00	49.88 -1.28 0.00	45.17 -0.87 0.00	35.55 -0.40 0.00	33.18 0.00 0.00
STILLWATER___SOLAR 323814	34.09 1.17 -10.87	32.18 0.97 -12.61	29.87 1.01 -9.71	29.67 0.86 -12.17	30.24 1.05 -9.03	29.95 1.48 0.00	35.72 1.44 0.00	52.37 1.87 -10.67	45.08 1.75 -3.48	39.89 1.46 0.00	39.78 1.54 -0.63	39.76 1.54 -1.53	38.33 1.46 -0.33	39.75 1.56 -0.99	39.59 1.63 0.00	41.21 1.66 -0.08	46.27 1.77 -3.25	47.52 2.05 0.00	50.84 2.14 0.00	54.84 2.41 0.00	53.46 2.30 0.00	48.07 2.02 0.00	37.78 1.83 0.00	35.04 1.86 0.00
STONY___BROOK 24151	45.51 2.76 -20.70	39.03 2.33 -18.09	35.06 2.37 -13.54	30.57 2.06 -11.87	33.73 2.54 -11.03	38.31 3.39 -6.45	46.01 3.67 -8.06	47.49 4.62 -3.05	47.96 4.78 -3.32	48.79 4.42 -5.94	52.84 3.53 -11.70	52.81 3.23 -12.89	54.42 3.32 -14.55	56.19 3.42 -15.57	57.91 3.49 -16.45	57.94 3.55 -14.91	57.98 3.79 -12.95	78.20 4.37 -28.37	62.56 4.29 -9.58	65.03 4.61 -7.99	62.17 4.55 -6.46	61.89 3.96 -11.88	48.46 3.74 -8.78	43.67 4.08 -6.41
STURGEON_POOL_HYD 23609	32.22 1.70 -8.47	29.87 1.43 -9.82	28.15 1.44 -7.56	27.38 1.26 -9.48	28.75 1.55 -7.04	30.67 2.19 0.00	36.47 2.19 0.00	41.85 2.95 0.92	42.70 3.15 0.30	41.35 2.92 0.00	40.30 2.75 0.05	39.13 2.57 0.13	39.07 2.56 0.03	39.72 2.60 0.09	40.54 2.58 0.00	42.19 2.72 0.01	43.93 2.97 0.28	48.74 3.27 0.00	51.86 3.17 0.00	55.88 3.46 0.00	54.53 3.38 0.00	48.95 2.90 0.00	38.53 2.59 0.00	35.84 2.65 0.00

ST_LAW_115_BK7_LBMP 345037	21.50 -0.55 0.00	18.12 -0.48 0.00	18.65 -0.50 0.00	16.21 -0.43 0.00	19.66 -0.50 0.00	27.85 -0.63 0.00	34.04 -0.24 0.00	39.55 -0.28 0.00	39.58 -0.28 0.00	38.20 -0.23 0.00	37.42 -0.19 0.00	36.47 -0.22 0.00	36.32 -0.22 0.00	36.94 -0.26 0.00	37.70 -0.26 0.00	39.24 -0.24 0.00	41.00 -0.25 0.00	45.06 -0.41 0.00	48.41 -0.29 0.00	52.11 -0.31 0.00	50.85 -0.31 0.00	45.77 -0.27 0.00	35.44 -0.50 0.00	32.35 -0.83 0.00
ST_LAW_115_BK8_LBMP 345038	21.50 -0.55 0.00	18.12 -0.48 0.00	18.65 -0.50 0.00	16.21 -0.43 0.00	19.66 -0.50 0.00	27.85 -0.63 0.00	34.04 -0.24 0.00	39.55 -0.28 0.00	39.58 -0.28 0.00	38.20 -0.23 0.00	37.42 -0.19 0.00	36.47 -0.22 0.00	36.32 -0.22 0.00	36.94 -0.26 0.00	37.70 -0.26 0.00	39.24 -0.24 0.00	41.00 -0.25 0.00	45.06 -0.41 0.00	48.41 -0.29 0.00	52.11 -0.31 0.00	50.85 -0.31 0.00	45.77 -0.27 0.00	35.44 -0.50 0.00	32.35 -0.83 0.00
ST_LAW_230_BK5_LBMP 345035	21.57 -0.49 0.00	18.18 -0.43 0.00	18.71 -0.44 0.00	16.26 -0.38 0.00	19.72 -0.44 0.00	27.93 -0.54 0.00	34.08 -0.20 0.00	39.58 -0.24 0.00	39.62 -0.24 0.00	38.24 -0.19 0.00	37.42 -0.19 0.00	36.51 -0.18 0.00	36.36 -0.18 0.00	36.98 -0.22 0.00	37.74 -0.23 0.00	39.28 -0.20 0.00	41.04 -0.21 0.00	45.15 -0.32 0.00	48.45 -0.24 0.00	52.16 -0.26 0.00	50.90 -0.25 0.00	45.82 -0.23 0.00	35.48 -0.47 0.00	32.45 -0.73 0.00
ST_LAW_230_BK6_LBMP 345036	21.57 -0.49 0.00	18.18 -0.43 0.00	18.71 -0.44 0.00	16.26 -0.38 0.00	19.72 -0.44 0.00	27.93 -0.54 0.00	34.08 -0.20 0.00	39.58 -0.24 0.00	39.62 -0.24 0.00	38.24 -0.19 0.00	37.42 -0.19 0.00	36.51 -0.18 0.00	36.36 -0.18 0.00	36.98 -0.22 0.00	37.74 -0.23 0.00	39.28 -0.20 0.00	41.04 -0.21 0.00	45.15 -0.32 0.00	48.45 -0.24 0.00	52.16 -0.26 0.00	50.90 -0.25 0.00	45.82 -0.23 0.00	35.48 -0.47 0.00	32.45 -0.73 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.41 1.57 -7.79	28.97 1.32 -9.04	27.43 1.32 -6.96	26.54 1.18 -8.72	28.08 1.45 -6.47	30.35 1.88 0.00	36.13 1.85 0.00	42.29 2.47 0.00	42.48 2.63 0.00	40.96 2.54 0.00	39.98 2.37 0.00	38.89 2.20 0.00	38.77 2.23 0.00	39.47 2.27 0.00	40.24 2.28 0.00	41.84 2.37 0.00	43.80 2.56 0.00	48.34 2.86 0.00	51.42 2.73 0.00	55.36 2.94 0.00	54.02 2.86 0.00	48.54 2.49 0.00	38.18 2.23 0.00	35.47 2.29 0.00
SWANROAD_115KV_TB1 355699	21.50 -1.87 -1.32	18.54 -1.60 -1.53	18.70 -1.63 -1.18	16.69 -1.43 -1.48	19.44 -1.81 -1.10	25.65 -2.82 0.00	30.58 -3.70 0.00	35.24 -4.54 0.04	33.58 -4.38 1.89	30.98 -3.96 3.49	32.77 -4.06 0.78	32.37 -4.29 0.02	32.37 -4.13 0.04	32.96 -4.20 0.04	33.63 -4.33 0.00	35.05 -4.42 0.00	36.42 -4.78 0.04	38.45 -5.41 1.61	43.24 -5.45 0.00	46.71 -5.71 0.00	45.89 -5.27 0.00	41.63 -4.42 0.00	33.03 -2.91 0.00	30.79 -2.39 0.00
SYNERGY___BIOGAS 323694	22.57 -0.68 -1.20	19.44 -0.56 -1.39	19.66 -0.56 -1.07	17.43 -0.55 -1.34	20.43 -0.73 -0.99	27.13 -1.34 0.00	32.53 -1.75 0.00	37.57 -2.23 0.02	36.43 -2.23 1.19	34.27 -1.96 2.20	35.05 -2.07 0.49	34.55 -2.13 0.02	34.47 -2.05 0.02	35.13 -2.05 0.02	35.80 -2.16 0.00	37.38 -2.09 0.00	38.87 -2.35 0.02	41.73 -2.68 1.06	46.36 -2.34 0.00	50.17 -2.25 0.00	49.21 -1.94 0.00	44.57 -1.47 0.00	35.08 -0.86 0.00	32.48 -0.70 0.00
SYRACUSE___ENERGY_ST1 323597	22.77 -0.09 -0.80	19.47 -0.07 -0.93	19.79 -0.08 -0.72	17.47 -0.07 -0.90	20.73 -0.10 -0.67	28.25 -0.23 0.00	33.90 -0.38 0.00	39.30 -0.52 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.23 -0.38 0.00	36.36 -0.33 0.00	36.29 -0.26 0.00	36.94 -0.26 0.00	37.70 -0.27 0.00	39.16 -0.32 0.00	40.91 -0.33 0.00	45.02 -0.45 0.00	48.31 -0.39 0.00	51.95 -0.47 0.00	50.70 -0.46 0.00	45.68 -0.37 0.00	35.73 -0.22 0.00	33.08 -0.10 0.00
SYRACUSE___ENERGY_ST2 323598	22.77 -0.09 -0.80	19.47 -0.07 -0.93	19.79 -0.08 -0.72	17.47 -0.07 -0.90	20.73 -0.10 -0.67	28.25 -0.23 0.00	33.90 -0.38 0.00	39.30 -0.52 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.23 -0.38 0.00	36.36 -0.33 0.00	36.29 -0.26 0.00	36.94 -0.26 0.00	37.70 -0.27 0.00	39.16 -0.32 0.00	40.91 -0.33 0.00	45.02 -0.45 0.00	48.31 -0.39 0.00	51.95 -0.47 0.00	50.70 -0.46 0.00	45.68 -0.37 0.00	35.73 -0.22 0.00	33.08 -0.10 0.00
SYRACUSE___POWER 24017	22.92 -0.04 -0.91	19.63 -0.04 -1.06	19.91 -0.06 -0.81	17.61 -0.05 -1.02	20.86 -0.06 -0.76	28.30 -0.17 0.00	33.97 -0.31 0.00	39.46 -0.36 0.00	39.46 -0.40 0.00	38.16 -0.27 0.00	37.34 -0.26 0.00	36.44 -0.26 0.00	36.32 -0.22 0.00	37.02 -0.19 0.00	37.77 -0.19 0.00	39.23 -0.24 0.00	41.00 -0.25 0.00	45.15 -0.32 0.00	48.40 -0.29 0.00	52.11 -0.31 0.00	50.85 -0.31 0.00	45.82 -0.23 0.00	35.87 -0.07 0.00	33.21 0.03 0.00
TALLMAN__138KV_BK151 55660	31.79 1.72 -8.02	29.36 1.45 -9.30	27.78 1.47 -7.16	26.92 1.31 -8.97	28.43 1.61 -6.66	30.58 2.11 0.00	36.37 2.09 0.00	42.61 2.79 0.00	42.84 2.99 0.00	41.31 2.88 0.00	40.28 2.67 0.00	39.22 2.53 0.00	39.06 2.52 0.00	39.77 2.57 0.00	40.58 2.62 0.00	42.20 2.72 0.00	44.13 2.89 0.00	48.65 3.18 0.00	51.72 3.02 0.00	55.62 3.20 0.00	54.33 3.17 0.00	48.77 2.72 0.00	38.36 2.41 0.00	35.67 2.49 0.00
TEALLAVE_115KV_TB7 355573	22.71 -0.11 -0.77	19.40 -0.09 -0.89	19.74 -0.10 -0.68	17.41 -0.08 -0.86	20.67 -0.12 -0.64	28.22 -0.26 0.00	33.83 -0.45 0.00	39.30 -0.52 0.00	39.34 -0.52 0.00	38.04 -0.38 0.00	37.23 -0.38 0.00	36.36 -0.33 0.00	36.25 -0.29 0.00	36.94 -0.26 0.00	37.70 -0.27 0.00	39.20 -0.28 0.00	40.91 -0.33 0.00	45.02 -0.45 0.00	48.26 -0.44 0.00	51.95 -0.47 0.00	50.64 -0.51 0.00	45.68 -0.37 0.00	35.77 -0.18 0.00	33.11 -0.07 0.00
TELGRAPH_34_KV_EAST 80808	22.10 -1.21 -1.25	19.04 -1.02 -1.46	19.22 -1.05 -1.12	17.11 -0.93 -1.40	19.99 -1.21 -1.04	26.45 -2.02 0.00	31.61 -2.67 0.00	36.49 -3.31 0.03	35.02 -3.27 1.56	32.66 -2.88 2.88	33.96 -3.01 0.64	33.55 -3.12 0.02	33.51 -3.00 0.03	34.16 -3.01 0.03	34.81 -3.15 0.00	36.31 -3.16 0.00	37.75 -3.46 0.03	40.13 -3.96 1.38	44.90 -3.80 0.00	48.49 -3.93 0.00	47.58 -3.58 0.00	43.15 -2.90 0.00	34.15 -1.80 0.00	31.72 -1.46 0.00
TEMPLE___115KV_TB 2 55572	22.75 -0.09 -0.78	19.44 -0.07 -0.90	19.75 -0.10 -0.70	17.45 -0.07 -0.87	20.71 -0.10 -0.65	28.22 -0.26 0.00	33.87 -0.41 0.00	39.34 -0.48 0.00	39.34 -0.52 0.00	38.08 -0.35 0.00	37.27 -0.34 0.00	36.40 -0.29 0.00	36.29 -0.26 0.00	36.98 -0.22 0.00	37.73 -0.23 0.00	39.20 -0.28 0.00	40.91 -0.33 0.00	45.06 -0.41 0.00	48.31 -0.39 0.00	52.00 -0.42 0.00	50.70 -0.46 0.00	45.68 -0.37 0.00	35.77 -0.18 0.00	33.15 -0.03 0.00
TIANA____69_KV_BK 1 55817	45.73 2.98 -20.70	39.21 2.51 -18.09	35.25 2.57 -13.54	30.75 2.25 -11.87	33.93 2.74 -11.03	38.65 3.73 -6.45	46.39 4.05 -8.06	48.05 5.18 -3.05	48.50 5.34 -3.31	49.31 4.96 -5.92	53.21 3.95 -11.65	53.31 3.78 -12.84	54.72 3.69 -14.49	56.50 3.79 -15.50	58.14 3.80 -16.39	58.35 4.03 -14.85	58.51 4.37 -12.89	78.72 5.00 -28.24	63.20 4.97 -9.53	65.71 5.35 -7.94	62.80 5.22 -6.43	62.48 4.60 -11.83	48.18 4.13 -8.10	44.02 4.45 -6.39

TILDEN___115KV_TB1 80814	22.92 -0.04 -0.91	19.63 -0.04 -1.06	19.91 -0.06 -0.81	17.61 -0.05 -1.02	20.86 -0.06 -0.76	28.30 -0.17 0.00	33.97 -0.31 0.00	39.46 -0.36 0.00	39.46 -0.40 0.00	38.16 -0.27 0.00	37.34 -0.26 0.00	36.44 -0.26 0.00	36.32 -0.22 0.00	37.02 -0.19 0.00	37.77 -0.19 0.00	39.23 -0.24 0.00	41.00 -0.25 0.00	45.15 -0.32 0.00	48.40 -0.29 0.00	52.11 -0.31 0.00	50.85 -0.31 0.00	45.82 -0.23 0.00	35.87 -0.07 0.00	33.21 0.03 0.00
TRIGEN___CC 323695	45.03 2.27 -20.70	38.62 1.92 -18.09	34.64 1.95 -13.54	30.20 1.70 -11.87	33.29 2.10 -11.03	37.71 2.79 -6.45	45.22 2.88 -8.06	46.58 3.70 -3.05	49.57 3.87 -5.85	52.54 3.65 -10.46	61.28 3.08 -20.59	62.32 2.94 -22.69	65.08 2.92 -25.61	67.58 2.98 -27.40	69.92 3.00 -28.96	68.84 3.12 -26.25	67.37 3.34 -22.79	99.11 3.73 -49.91	69.08 3.55 -16.83	70.19 3.83 -13.94	66.24 3.73 -11.35	70.21 3.27 -20.89	49.22 3.09 -10.19	42.90 3.32 -6.40
TRINITY___115KV___4 BK 55933	33.32 0.64 -10.63	31.47 0.54 -12.32	29.20 0.56 -9.49	29.01 0.48 -11.89	29.55 0.56 -8.83	29.27 0.80 0.00	34.86 0.58 0.00	31.32 0.84 9.34	37.53 0.72 3.04	39.01 0.58 0.00	37.69 0.64 0.55	36.05 0.70 1.33	36.88 0.62 0.29	37.01 0.67 0.87	38.61 0.65 0.00	40.07 0.67 0.07	39.14 0.74 2.85	46.33 0.86 0.00	49.43 0.73 0.00	53.21 0.79 0.00	51.92 0.77 0.00	46.69 0.64 0.00	36.81 0.86 0.00	34.18 1.00 0.00
UNION___PROCESSING_DRP 323587	22.59 -0.51 -1.05	19.39 -0.43 -1.21	19.64 -0.44 -0.93	17.41 -0.40 -1.17	20.48 -0.54 -0.87	27.28 -1.20 0.00	32.67 -1.61 0.00	37.47 -2.35 0.00	37.50 -2.35 0.00	36.32 -2.11 0.00	35.50 -2.11 0.00	34.82 -1.87 0.00	34.82 -1.72 0.00	35.42 -1.79 0.00	36.10 -1.86 0.00	37.70 -1.78 0.00	39.22 -2.02 0.00	42.92 -2.55 0.00	46.51 -2.19 0.00	50.12 -2.31 0.00	49.06 -2.10 0.00	44.34 -1.70 0.00	34.87 -1.08 0.00	32.32 -0.86 0.00
UPPER HUDSON___HYD 24058	34.17 1.19 -10.93	32.23 0.95 -12.68	29.93 1.01 -9.76	29.72 0.85 -12.23	30.29 1.05 -9.08	29.98 1.51 0.00	35.75 1.47 0.00	48.25 1.99 -6.43	43.86 1.91 -2.10	39.97 1.54 0.00	39.64 1.65 -0.38	39.30 1.69 -0.92	38.31 1.57 -0.20	39.47 1.68 -0.60	39.78 1.82 0.00	41.30 1.78 -0.05	45.18 1.98 -1.96	47.70 2.23 0.00	51.08 2.39 0.00	55.20 2.78 0.00	53.71 2.56 0.00	48.30 2.26 0.00	37.92 1.98 0.00	35.10 1.92 0.00
UPPER RAQUET___HYD 24056	20.95 -1.10 0.00	17.66 -0.95 0.00	18.18 -0.98 0.00	15.76 -0.88 0.00	19.11 -1.05 0.00	27.16 -1.31 0.00	33.46 -0.82 0.00	38.91 -0.91 0.00	38.90 -0.96 0.00	37.51 -0.92 0.00	36.74 -0.86 0.00	35.81 -0.88 0.00	35.70 -0.84 0.00	36.24 -0.97 0.00	36.97 -0.99 0.00	38.52 -0.95 0.00	40.21 -1.03 0.00	44.01 -1.46 0.00	47.38 -1.31 0.00	51.11 -1.31 0.00	49.83 -1.33 0.00	44.85 -1.20 0.00	34.69 -1.26 0.00	31.52 -1.66 0.00
VALLEY44_115KV_TB2 355964	22.16 -1.50 -1.60	19.20 -1.27 -1.86	19.30 -1.28 -1.43	17.37 -1.06 -1.79	20.12 -1.37 -1.33	27.13 -1.34 0.00	32.33 -1.95 0.00	38.85 -0.96 0.02	37.84 -1.00 1.02	35.78 -0.77 1.88	36.24 -0.94 0.42	34.51 -2.16 0.01	34.22 -2.30 0.02	35.28 -1.90 0.02	35.65 -2.32 0.00	37.14 -2.33 0.00	38.75 -2.47 0.02	43.35 -1.32 0.80	45.87 -2.82 0.00	49.49 -2.94 0.00	48.60 -2.56 0.00	44.02 -2.03 0.00	34.83 -1.11 0.00	32.52 -0.66 0.00
VALLEY___115KV_TB 1-4 80826	21.50 -0.55 0.00	18.14 -0.47 0.00	18.67 -0.48 0.00	16.21 -0.43 0.00	19.64 -0.52 0.00	27.76 -0.71 0.00	33.32 -0.96 0.00	38.71 -1.12 0.00	38.74 -1.12 0.00	37.35 -1.08 0.00	36.55 -1.05 0.00	35.66 -1.03 0.00	35.52 -1.02 0.00	36.16 -1.04 0.00	36.97 -0.99 0.00	38.41 -1.07 0.00	40.17 -1.07 0.00	44.29 -1.18 0.00	47.38 -1.31 0.00	51.01 -1.42 0.00	49.77 -1.38 0.00	44.81 -1.24 0.00	35.05 -0.90 0.00	32.42 -0.76 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.93 1.21 -3.67	23.90 1.04 -4.25	23.50 1.07 -3.27	21.62 0.88 -4.10	24.31 1.11 -3.05	30.10 1.62 0.00	35.89 1.61 0.00	41.89 2.07 0.00	42.13 2.27 0.00	40.59 2.15 -0.01	39.75 2.14 0.00	38.67 1.98 0.00	38.44 1.90 0.00	39.14 1.93 0.00	40.01 2.05 0.00	41.48 2.01 0.00	43.39 2.14 0.00	47.94 2.46 -0.02	51.13 2.43 0.00	55.10 2.67 0.00	53.76 2.61 0.00	48.54 2.49 0.00	38.10 2.16 0.00	35.24 2.06 0.00
VISCHER___FERRY HYD 24020	33.77 0.97 -10.75	31.87 0.80 -12.47	29.59 0.84 -9.60	29.40 0.73 -12.03	29.96 0.87 -8.93	29.70 1.22 0.00	35.41 1.13 0.00	61.74 1.55 -20.36	47.92 1.43 -6.64	39.62 1.19 0.00	40.05 1.24 -1.20	40.89 1.28 -2.91	38.37 1.20 -0.62	40.36 1.27 -1.89	39.25 1.29 0.00	40.97 1.34 -0.16	48.89 1.44 -6.21	47.11 1.63 0.00	50.30 1.60 0.00	54.21 1.78 0.00	52.90 1.74 0.00	47.57 1.52 0.00	37.39 1.44 0.00	34.71 1.53 0.00
V_A_10_SYNC_DSASP 323832	22.22 -1.01 -1.18	19.15 -0.82 -1.36	19.38 -0.82 -1.05	17.24 -0.72 -1.32	20.19 -0.95 -0.98	26.68 -1.79 0.00	31.64 -2.64 0.00	36.05 -3.74 0.02	34.82 -3.75 1.29	32.66 -3.38 2.38	33.66 -3.42 0.52	33.67 -3.01 0.02	33.59 -2.92 0.02	34.09 -3.09 0.02	34.85 -3.11 0.00	36.31 -3.16 0.00	37.80 -3.42 0.02	39.85 -4.28 1.35	44.80 -3.90 0.00	48.23 -4.20 0.00	47.17 -3.99 0.00	42.87 -3.18 0.00	33.93 -2.01 0.00	31.56 -1.63 0.00
V_CMM_10_SYNC_DSASP 323787	21.59 -0.46 0.00	18.20 -0.41 0.00	18.75 -0.40 0.00	16.27 -0.37 0.00	19.74 -0.42 0.00	27.96 -0.51 0.00	34.18 -0.10 0.00	39.70 -0.12 0.00	39.73 -0.12 0.00	38.35 -0.08 0.00	37.61 0.00 0.00	36.66 -0.04 0.00	36.54 0.00 0.00	37.13 -0.07 0.00	37.85 -0.11 0.00	39.43 -0.04 0.00	41.20 -0.04 0.00	45.29 -0.18 0.00	48.65 -0.05 0.00	52.37 -0.05 0.00	51.10 -0.05 0.00	45.96 -0.09 0.00	35.62 -0.32 0.00	32.48 -0.70 0.00
V_CMP_10_SYNC_DSASP 323788	21.66 -0.40 0.00	18.27 -0.33 0.00	18.83 -0.33 0.00	16.39 -0.25 0.00	19.92 -0.24 0.00	28.27 -0.20 0.00	34.59 0.31 0.00	40.26 0.44 0.00	40.29 0.44 0.00	38.89 0.46 0.00	38.09 0.49 0.00	37.13 0.44 0.00	37.02 0.47 0.00	37.61 0.41 0.00	38.26 0.30 0.00	39.87 0.39 0.00	41.66 0.41 0.00	45.88 0.41 0.00	49.28 0.59 0.00	53.10 0.68 0.00	51.72 0.56 0.00	46.42 0.37 0.00	35.98 0.04 0.00	32.78 -0.40 0.00
V_D_10_SYNC_DSASP 323841	21.59 -0.46 0.00	18.20 -0.41 0.00	18.73 -0.42 0.00	16.27 -0.37 0.00	19.72 -0.44 0.00	27.93 -0.54 0.00	34.31 0.03 0.00	39.86 0.04 0.00	39.89 0.04 0.00	38.51 0.08 0.00	37.72 0.11 0.00	36.80 0.11 0.00	36.65 0.11 0.00	37.24 0.04 0.00	38.00 0.04 0.00	39.59 0.12 0.00	41.37 0.12 0.00	45.33 -0.14 0.00	48.65 -0.05 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.00 -0.05 0.00	35.66 -0.29 0.00	32.48 -0.70 0.00
V_E_10_SYNC_DSASP 323830	25.74 1.02 -2.67	22.64 0.93 -3.10	22.48 0.94 -2.39	20.36 0.73 -2.99	23.33 0.95 -2.22	30.07 1.59 0.00	35.96 1.68 0.00	41.94 2.11 -0.01	42.49 2.19 -0.45	41.18 1.92 -0.83	39.63 1.84 -0.18	38.24 1.54 -0.01	37.94 1.39 -0.01	38.66 1.45 -0.01	39.67 1.71 0.00	41.09 1.62 0.00	43.19 1.94 -0.01	48.43 2.50 -0.46	51.57 2.87 0.00	55.88 3.46 0.00	54.43 3.28 0.00	49.41 3.36 0.00	38.68 2.73 0.00	35.57 2.39 0.00

V_F_30_NSYNC___DSASP 323816	34.14 1.19 -10.89	32.23 0.99 -12.63	29.91 1.03 -9.73	29.71 0.88 -12.19	30.28 1.07 -9.05	29.98 1.51 0.00	35.75 1.47 0.00	50.85 1.91 -9.12	44.66 1.83 -2.97	39.97 1.54 0.00	39.76 1.62 -0.54	39.61 1.61 -1.30	38.35 1.53 -0.28	39.68 1.64 -0.85	39.67 1.71 0.00	41.28 1.73 -0.07	45.92 1.90 -2.78	47.61 2.14 0.00	50.89 2.19 0.00	54.89 2.46 0.00	53.56 2.40 0.00	48.17 2.12 0.00	37.85 1.90 0.00	35.07 1.89 0.00
V_F_30_SYNC_DSASP 323786	33.43 0.68 -10.70	31.59 0.58 -12.40	29.31 0.61 -9.55	29.12 0.52 -11.97	29.65 0.60 -8.89	29.36 0.88 0.00	34.93 0.65 0.00	32.65 0.96 8.13	38.08 0.88 2.65	39.12 0.69 0.00	37.92 0.79 0.48	36.37 0.84 1.16	37.06 0.77 0.25	37.27 0.82 0.75	38.80 0.84 0.00	40.24 0.83 0.06	39.67 0.91 2.48	46.52 1.05 0.00	49.62 0.93 0.00	53.42 1.00 0.00	52.08 0.92 0.00	46.83 0.78 0.00	36.92 0.97 0.00	34.28 1.09 0.00
V_XM_10_SYNC_DSASP 323789	21.66 -0.40 0.00	18.27 -0.33 0.00	18.83 -0.33 0.00	16.39 -0.25 0.00	19.92 -0.24 0.00	28.27 -0.20 0.00	34.59 0.31 0.00	40.26 0.44 0.00	40.29 0.44 0.00	38.89 0.46 0.00	38.09 0.49 0.00	37.13 0.44 0.00	37.02 0.47 0.00	37.61 0.41 0.00	38.26 0.30 0.00	39.87 0.39 0.00	41.66 0.41 0.00	45.88 0.41 0.00	49.28 0.59 0.00	53.10 0.68 0.00	51.72 0.56 0.00	46.42 0.37 0.00	35.98 0.04 0.00	32.78 -0.40 0.00
W.BABYLN_69_KV_BK1 56697	45.47 2.71 -20.70	38.99 2.29 -18.09	35.01 2.32 -13.54	30.54 2.03 -11.87	33.67 2.48 -11.03	38.28 3.36 -6.45	45.94 3.60 -8.06	47.41 4.54 -3.05	48.21 4.70 -3.65	49.30 4.34 -6.53	53.92 3.46 -12.86	54.16 3.30 -14.16	55.78 3.25 -15.99	57.62 3.31 -17.11	59.38 3.34 -18.08	59.37 3.51 -16.39	59.22 3.75 -14.23	80.86 4.23 -31.16	63.39 4.19 -10.51	65.64 4.51 -8.71	62.69 4.45 -7.09	63.01 3.91 -13.04	46.22 3.63 -6.64	43.51 3.98 -6.35
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.90 1.76 -8.08	29.47 1.49 -9.37	27.86 1.49 -7.22	27.01 1.33 -9.04	28.53 1.65 -6.71	30.61 2.14 0.00	36.44 2.16 0.00	42.69 2.87 0.00	42.92 3.07 0.00	41.39 2.96 0.00	40.35 2.75 0.00	39.30 2.61 0.00	39.14 2.59 0.00	39.84 2.64 0.00	40.66 2.70 0.00	42.23 2.76 0.00	44.21 2.97 0.00	48.79 3.32 0.00	51.81 3.12 0.00	55.78 3.36 0.00	54.48 3.33 0.00	48.90 2.86 0.00	38.46 2.52 0.00	35.77 2.59 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.45 2.01 -8.39	30.04 1.69 -9.73	28.37 1.72 -7.50	27.51 1.48 -9.39	28.99 1.85 -6.97	30.92 2.45 0.00	36.78 2.50 0.00	43.13 3.31 0.00	43.40 3.55 0.00	41.85 3.42 0.00	40.80 3.20 0.00	39.70 3.01 0.00	39.57 3.03 0.00	40.25 3.05 0.00	41.07 3.11 0.00	42.67 3.20 0.00	44.63 3.38 0.00	49.24 3.77 0.00	52.25 3.55 0.00	56.20 3.77 0.00	54.84 3.68 0.00	49.23 3.18 0.00	38.68 2.73 0.00	36.10 2.92 0.00
W50THST__13_KV_LOAD 356117	32.61 2.16 -8.39	30.15 1.81 -9.73	28.49 1.84 -7.50	27.61 1.58 -9.39	29.09 1.96 -6.97	31.09 2.62 0.00	37.02 2.74 0.00	43.45 3.62 0.00	43.64 3.79 0.00	42.12 3.69 0.00	41.07 3.46 0.00	39.96 3.27 0.00	39.83 3.29 0.00	40.51 3.31 0.00	41.34 3.38 0.00	42.95 3.47 0.00	44.91 3.67 0.00	49.52 4.05 0.00	52.64 3.94 0.00	56.56 4.14 0.00	55.20 4.04 0.00	49.46 3.41 0.00	38.86 2.91 0.00	36.30 3.12 0.00
WADING RIVER_IC_1 23522	45.69 2.93 -20.70	39.18 2.48 -18.09	35.22 2.53 -13.54	30.72 2.21 -11.87	33.89 2.70 -11.03	38.56 3.65 -6.45	46.32 3.97 -8.06	47.93 5.06 -3.05	48.38 5.22 -3.31	49.19 4.84 -5.92	53.13 3.87 -11.65	53.05 3.52 -12.83	54.64 3.62 -14.48	56.42 3.72 -15.50	58.14 3.80 -16.38	58.26 3.95 -14.85	58.38 4.25 -12.89	78.66 4.96 -28.24	63.09 4.87 -9.53	65.60 5.24 -7.94	62.81 5.22 -6.43	62.39 4.52 -11.83	48.13 4.10 -8.09	43.98 4.41 -6.39
WADING RIVER_IC_2 23547	45.69 2.93 -20.70	39.18 2.48 -18.09	35.22 2.53 -13.54	30.72 2.21 -11.87	33.89 2.70 -11.03	38.56 3.65 -6.45	46.32 3.97 -8.06	47.93 5.06 -3.05	48.38 5.22 -3.31	49.19 4.84 -5.92	53.13 3.87 -11.65	53.05 3.52 -12.83	54.64 3.62 -14.48	56.42 3.72 -15.50	58.14 3.80 -16.38	58.26 3.95 -14.85	58.38 4.25 -12.89	78.66 4.96 -28.24	63.09 4.87 -9.53	65.60 5.24 -7.94	62.81 5.22 -6.43	62.39 4.52 -11.83	48.13 4.10 -8.09	43.98 4.41 -6.39
WADING RIVER_IC_3 23601	45.69 2.93 -20.70	39.18 2.48 -18.09	35.22 2.53 -13.54	30.72 2.21 -11.87	33.89 2.70 -11.03	38.56 3.65 -6.45	46.32 3.97 -8.06	47.93 5.06 -3.05	48.38 5.22 -3.31	49.19 4.84 -5.92	53.13 3.87 -11.65	53.05 3.52 -12.83	54.64 3.62 -14.48	56.42 3.72 -15.50	58.14 3.80 -16.38	58.26 3.95 -14.85	58.38 4.25 -12.89	78.66 4.96 -28.24	63.09 4.87 -9.53	65.60 5.24 -7.94	62.81 5.22 -6.43	62.39 4.52 -11.83	48.13 4.10 -8.09	43.98 4.41 -6.39
WALDENNY_12_KV_BK2 80841	22.16 -1.32 -1.42	19.14 -1.12 -1.65	19.27 -1.15 -1.27	17.24 -1.00 -1.59	20.05 -1.29 -1.18	26.54 -1.94 0.00	31.64 -2.64 0.00	36.91 -2.87 0.05	34.63 -2.83 2.40	31.51 -2.50 4.42	34.03 -2.59 0.98	33.69 -2.97 0.03	33.61 -2.89 0.05	34.33 -2.83 0.05	35.00 -2.96 0.00	36.43 -3.04 0.00	37.90 -3.30 0.05	40.09 -3.32 2.06	44.95 -3.75 0.00	48.54 -3.88 0.00	47.63 -3.53 0.00	43.24 -2.81 0.00	34.29 -1.65 0.00	31.92 -1.26 0.00
WALDEN___HYDRO 24148	31.78 1.65 -8.08	29.37 1.40 -9.36	27.76 1.40 -7.21	26.92 1.25 -9.04	28.40 1.53 -6.71	30.49 2.02 0.00	36.27 1.99 0.00	42.49 2.67 0.00	42.68 2.83 0.00	41.12 2.69 0.00	40.09 2.48 0.00	39.04 2.35 0.00	38.88 2.34 0.00	39.58 2.38 0.00	40.35 2.39 0.00	41.96 2.49 0.00	43.92 2.68 0.00	48.52 3.05 0.00	51.67 2.97 0.00	55.62 3.20 0.00	54.28 3.12 0.00	48.77 2.72 0.00	38.36 2.41 0.00	35.64 2.46 0.00
WARRENSBURG____ 23737	34.17 1.19 -10.93	32.23 0.95 -12.68	29.93 1.02 -9.76	29.72 0.85 -12.23	30.29 1.05 -9.08	30.01 1.54 0.00	35.75 1.47 0.00	48.25 1.99 -6.43	43.86 1.91 -2.10	39.97 1.54 0.00	39.64 1.65 -0.38	39.30 1.69 -0.92	38.27 1.53 -0.20	39.47 1.67 -0.60	39.78 1.82 0.00	41.30 1.78 -0.05	45.18 1.98 -1.96	47.70 2.23 0.00	51.08 2.39 0.00	55.20 2.78 0.00	53.71 2.56 0.00	48.30 2.26 0.00	37.96 2.01 0.00	35.11 1.92 0.00
WATERSIDE___6 8 9 23538	32.43 1.98 -8.39	30.03 1.69 -9.73	28.39 1.74 -7.49	27.53 1.50 -9.39	29.01 1.87 -6.97	30.89 2.42 0.00	36.68 2.40 0.00	42.96 3.15 0.00	43.27 3.43 0.01	40.64 3.42 1.21	39.36 3.20 1.44	37.94 3.05 1.80	37.80 3.07 1.82	38.67 3.13 1.66	39.50 3.15 1.61	41.18 3.24 1.53	43.43 3.42 1.24	49.14 3.82 0.15	52.15 3.46 0.00	56.09 3.67 0.00	54.74 3.58 0.00	49.22 3.18 0.01	38.63 2.70 0.01	35.99 2.82 0.01
WATKINRD_115KV_LN8_ILLION 55919	21.74 -0.31 0.00	18.35 -0.26 0.00	18.88 -0.27 0.00	16.39 -0.25 0.00	19.88 -0.28 0.00	28.07 -0.40 0.00	33.70 -0.58 0.00	39.15 -0.68 0.00	39.18 -0.68 0.00	37.74 -0.69 0.00	36.97 -0.64 0.00	36.07 -0.62 0.00	35.88 -0.66 0.00	36.53 -0.67 0.00	37.32 -0.65 0.00	38.80 -0.67 0.00	40.58 -0.66 0.00	44.74 -0.73 0.00	47.92 -0.78 0.00	51.58 -0.84 0.00	50.29 -0.87 0.00	45.31 -0.74 0.00	35.41 -0.54 0.00	32.75 -0.43 0.00

WDELAWARE___HYD 323627	31.47 1.83 -7.59	28.96 1.54 -8.80	27.46 1.53 -6.78	26.50 1.36 -8.49	28.14 1.67 -6.31	30.70 2.22 0.00	36.58 2.30 0.00	42.85 3.03 0.00	43.08 3.23 0.00	41.46 3.04 0.00	40.35 2.74 0.00	39.26 2.57 0.00	39.06 2.52 0.00	39.77 2.57 0.00	40.58 2.62 0.00	42.19 2.72 0.00	44.21 2.97 0.00	48.92 3.45 0.00	52.15 3.46 0.00	56.25 3.82 0.00	54.89 3.73 0.00	49.27 3.22 0.00	38.82 2.88 0.00	36.00 2.82 0.00
WEST BABYLON___IC 23714	45.47 2.71 -20.70	38.99 2.29 -18.09	35.01 2.32 -13.54	30.54 2.03 -11.87	33.67 2.48 -11.03	38.28 3.36 -6.45	45.94 3.60 -8.06	47.41 4.54 -3.05	48.21 4.70 -3.65	49.30 4.34 -6.53	53.92 3.46 -12.86	54.16 3.30 -14.16	55.78 3.25 -15.99	57.62 3.31 -17.11	59.38 3.34 -18.08	59.37 3.51 -16.39	59.22 3.75 -14.23	80.86 4.23 -31.16	63.39 4.19 -10.51	65.64 4.51 -8.71	62.69 4.45 -7.09	63.01 3.91 -13.04	46.22 3.63 -6.64	43.51 3.98 -6.35
WEST CANADA___HYD 24049	22.14 0.09 0.00	18.68 0.07 0.00	19.23 0.08 0.00	16.71 0.07 0.00	20.24 0.08 0.00	28.59 0.11 0.00	34.28 0.00 0.00	39.82 0.00 0.00	39.85 0.00 0.00	38.39 -0.04 0.00	37.57 -0.04 0.00	36.66 -0.04 0.00	36.50 -0.04 0.00	37.17 -0.04 0.00	37.96 0.00 0.00	39.43 -0.04 0.00	41.24 0.00 0.00	45.47 0.00 0.00	48.70 0.00 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.05 0.00 0.00	36.02 0.07 0.00	33.31 0.13 0.00
WESTERN_NY_WIND 24143	22.54 -0.73 -1.21	19.42 -0.60 -1.40	19.64 -0.59 -1.08	17.43 -0.57 -1.35	20.40 -0.77 -1.01	27.11 -1.37 0.00	32.46 -1.82 0.00	37.49 -2.31 0.03	36.30 -2.27 1.28	34.02 -2.04 2.37	34.94 -2.14 0.53	34.47 -2.20 0.02	34.40 -2.12 0.03	35.06 -2.12 0.03	35.72 -2.24 0.00	37.30 -2.17 0.00	38.78 -2.43 0.03	41.56 -2.77 1.14	46.26 -2.43 0.00	50.06 -2.36 0.00	49.11 -2.05 0.00	44.48 -1.57 0.00	35.05 -0.90 0.00	32.45 -0.73 0.00
WESTOVER___LESR 323668	24.91 0.07 -2.79	21.90 0.06 -3.24	21.70 0.06 -2.50	19.85 0.08 -3.13	22.56 0.08 -2.32	28.56 0.09 0.00	34.14 -0.14 0.00	39.90 0.08 0.00	39.90 0.04 -0.01	38.60 0.15 -0.02	37.68 0.08 0.00	36.58 -0.11 0.00	36.43 -0.11 0.00	37.17 -0.04 0.00	37.89 -0.08 0.00	39.39 -0.08 0.00	41.16 -0.08 0.00	45.60 0.09 -0.04	48.65 -0.05 0.00	52.42 0.00 0.00	51.16 0.00 0.00	46.14 0.09 0.00	36.23 0.29 0.00	33.61 0.43 0.00
WETHRSFD_WT_PWR 323626	22.19 -1.48 -1.61	19.29 -1.19 -1.87	19.38 -1.21 -1.44	17.41 -1.03 -1.80	20.19 -1.31 -1.34	26.65 -1.82 0.00	31.64 -2.64 0.00	36.71 -2.95 0.17	28.28 -2.99 8.58	19.85 -2.73 15.85	31.34 -2.78 3.48	33.61 -2.97 0.11	33.48 -2.89 0.17	34.20 -2.83 0.17	35.04 -2.92 0.00	36.55 -2.92 0.00	37.90 -3.17 0.17	34.03 -3.23 8.21	45.29 -3.41 0.00	49.02 -3.41 0.00	47.98 -3.17 0.00	43.56 -2.49 0.00	34.47 -1.48 0.00	32.09 -1.09 0.00
WHAVSTOR_138KV_BK127 55557	31.85 1.70 -8.10	29.43 1.43 -9.39	27.84 1.46 -7.23	26.98 1.28 -9.06	28.48 1.59 -6.73	30.55 2.08 0.00	36.34 2.06 0.00	42.53 2.71 0.00	42.76 2.91 0.00	41.23 2.81 0.00	40.20 2.59 0.00	39.15 2.46 0.00	39.03 2.48 0.00	39.70 2.49 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.05 2.80 0.00	48.61 3.14 0.00	51.67 2.97 0.00	55.57 3.15 0.00	54.28 3.12 0.00	48.72 2.67 0.00	38.32 2.37 0.00	35.67 2.49 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.85 1.70 -8.10	29.43 1.43 -9.39	27.84 1.46 -7.23	26.98 1.28 -9.06	28.48 1.59 -6.73	30.55 2.08 0.00	36.34 2.06 0.00	42.53 2.71 0.00	42.76 2.91 0.00	41.23 2.81 0.00	40.20 2.59 0.00	39.15 2.46 0.00	39.03 2.48 0.00	39.70 2.49 0.00	40.51 2.54 0.00	42.12 2.64 0.00	44.05 2.80 0.00	48.61 3.14 0.00	51.67 2.97 0.00	55.57 3.15 0.00	54.28 3.12 0.00	48.72 2.67 0.00	38.32 2.37 0.00	35.67 2.49 0.00
WHITEHAL_115KV_TB1 80871	34.48 1.50 -10.92	32.45 1.17 -12.67	30.17 1.26 -9.75	29.93 1.06 -12.22	30.54 1.31 -9.07	30.44 1.96 0.00	36.23 1.95 0.00	49.31 2.55 -6.94	44.54 2.43 -2.26	40.39 1.96 0.00	40.08 2.07 -0.41	39.77 2.09 -0.99	38.65 1.90 -0.21	39.93 2.08 -0.64	40.24 2.28 0.00	41.74 2.21 -0.05	45.83 2.47 -2.11	48.29 2.82 0.00	51.81 3.12 0.00	56.09 3.67 0.00	54.58 3.43 0.00	49.04 2.99 0.00	38.53 2.59 0.00	35.60 2.42 0.00
WHITEPLN_13_KV_LOAD 356215	32.43 2.01 -8.37	29.99 1.67 -9.71	28.33 1.70 -7.48	27.49 1.48 -9.37	28.95 1.83 -6.96	30.89 2.42 0.00	36.68 2.40 0.00	43.09 3.27 0.00	43.36 3.51 0.00	41.85 3.42 0.00	40.88 3.27 0.00	39.77 3.08 0.00	39.65 3.11 0.00	40.36 3.16 0.00	41.19 3.23 0.00	42.79 3.32 0.00	44.75 3.51 0.00	49.38 3.91 0.00	52.49 3.80 0.00	56.46 4.04 0.00	55.04 3.89 0.00	49.41 3.36 0.00	38.86 2.91 0.00	36.13 2.95 0.00
WM_FLOYD_69_KV_BK2 356380	45.65 2.89 -20.70	39.14 2.44 -18.09	35.18 2.49 -13.54	30.67 2.16 -11.87	33.85 2.66 -11.03	38.53 3.62 -6.45	46.25 3.91 -8.06	47.81 4.94 -3.05	48.27 5.10 -3.31	49.09 4.73 -5.93	53.07 3.80 -11.67	53.18 3.63 -12.86	54.60 3.54 -14.51	56.38 3.65 -15.53	58.02 3.64 -16.41	58.21 3.87 -14.87	58.36 4.21 -12.91	78.54 4.77 -28.29	63.02 4.77 -9.55	65.52 5.14 -7.96	62.61 5.01 -6.44	62.32 4.42 -11.85	48.08 3.99 -8.14	43.92 4.35 -6.39
WOODARD___115KV_TB2 355635	22.65 -0.15 -0.75	19.35 -0.13 -0.87	19.69 -0.13 -0.67	17.36 -0.12 -0.84	20.62 -0.16 -0.62	28.16 -0.31 0.00	33.77 -0.51 0.00	39.26 -0.56 0.00	39.26 -0.60 0.00	37.97 -0.46 0.00	37.15 -0.45 0.00	36.29 -0.40 0.00	36.21 -0.33 0.00	36.87 -0.33 0.00	37.66 -0.30 0.00	39.12 -0.36 0.00	40.83 -0.41 0.00	44.97 -0.50 0.00	48.21 -0.49 0.00	51.85 -0.58 0.00	50.59 -0.56 0.00	45.59 -0.46 0.00	35.69 -0.25 0.00	33.05 -0.13 0.00
WOODMERE_69_KV_BK1 55827	45.23 2.47 -20.70	38.81 2.10 -18.09	34.81 2.13 -13.54	30.35 1.85 -11.87	33.47 2.28 -11.03	37.97 3.05 -6.45	45.53 3.19 -8.06	46.98 4.10 -3.05	49.44 4.22 -5.36	52.05 4.04 -9.58	59.97 3.50 -18.86	60.85 3.38 -20.78	63.36 3.36 -23.46	65.69 3.39 -25.10	67.91 3.42 -26.53	67.11 3.59 -24.04	65.91 3.79 -20.87	95.41 4.23 -45.71	68.25 4.14 -15.42	69.64 4.46 -12.77	65.90 4.35 -10.40	69.01 3.82 -19.14	48.80 3.52 -9.33	43.22 3.65 -6.39
YORK___WARBASSE 23770	32.50 2.03 -8.42	30.17 1.81 -9.76	28.53 1.86 -7.52	27.66 1.61 -9.40	29.14 2.00 -6.98	31.06 2.56 -0.02	36.81 2.50 -0.03	43.08 3.23 -0.03	43.42 3.51 -0.06	50.40 3.50 -8.47	50.95 3.27 -10.07	52.39 3.12 -12.58	52.40 3.14 -12.72	52.02 3.20 -11.62	52.50 3.23 -11.31	53.56 3.36 -10.73	53.43 3.51 -8.68	50.43 3.91 -1.05	52.35 3.65 0.00	56.30 3.88 0.00	54.89 3.73 0.00	49.37 3.27 -0.06	38.77 2.77 -0.06	36.12 2.89 -0.06