

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/26/2025

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	33.58	28.66	29.34	27.66	38.90	29.08	42.60	40.17	42.40	34.68	42.83	43.51	45.59	46.36	51.85	41.10	46.54	56.54	66.02	51.65	47.32	41.12	42.02	41.67
24138	1.57	1.38	1.28	1.12	1.37	1.14	1.64	1.65	1.83	1.55	2.21	2.24	2.52	2.78	3.22	2.93	3.41	3.98	4.24	2.92	2.19	1.80	1.73	1.84
	-0.11	-0.09	-0.16	-0.15	-1.50	-0.18	-0.12	-0.14	-0.16	-4.77	-0.83	-0.22	0.00	-0.26	-1.03	-0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	33.63	28.69	29.37	27.69	38.92	29.10	42.59	40.14	42.37	34.63	42.78	43.41	45.43	46.21	51.68	40.99	46.39	56.40	65.88	51.59	47.27	41.06	41.97	41.63
24260	1.62	1.42	1.31	1.14	1.39	1.16	1.63	1.62	1.79	1.51	2.15	2.14	2.36	2.63	3.06	2.82	3.26	3.84	4.11	2.86	2.13	1.74	1.68	1.80
	-0.11	-0.09	-0.16	-0.15	-1.50	-0.18	-0.12	-0.14	-0.16	-4.77	-0.83	-0.22	0.00	-0.26	-1.03	-0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	33.63	28.69	29.37	27.69	38.92	29.10	42.59	40.14	42.37	34.63	42.78	43.41	45.43	46.21	51.68	40.99	46.39	56.40	65.88	51.59	47.27	41.06	41.97	41.63
24261	1.62	1.42	1.31	1.14	1.39	1.16	1.63	1.62	1.79	1.51	2.15	2.14	2.36	2.63	3.06	2.82	3.26	3.84	4.11	2.86	2.13	1.74	1.68	1.80
	-0.11	-0.09	-0.16	-0.15	-1.50	-0.18	-0.12	-0.14	-0.16	-4.77	-0.83	-0.22	0.00	-0.26	-1.03	-0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	32.73	28.00	28.71	27.18	35.98	28.53	42.27	39.57	41.43	24.89	39.79	41.69	44.10	44.03	47.87	38.27	44.59	54.41	64.13	50.66	46.79	40.62	41.48	41.04
24011	0.93	0.90	0.95	0.91	1.23	0.94	1.53	1.31	1.14	0.59	0.70	0.83	1.03	0.93	1.16	0.85	1.47	1.85	2.35	1.93	1.65	1.30	1.19	1.21
	0.10	0.08	0.14	0.13	1.28	0.16	0.10	0.12	0.13	4.06	0.71	0.19	0.00	0.22	0.88	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.89	28.15	28.86	27.32	36.21	28.74	42.59	39.82	41.66	25.07	39.98	41.91	44.38	44.26	48.16	38.43	45.00	54.73	64.53	51.05	47.12	40.85	41.69	41.24
23798	1.09	1.04	1.10	1.05	1.44	1.14	1.85	1.56	1.37	0.71	0.88	1.05	1.31	1.16	1.44	1.02	1.87	2.17	2.76	2.31	1.98	1.53	1.40	1.41
	0.10	0.08	0.13	0.12	1.26	0.15	0.10	0.12	0.13	4.00	0.70	0.19	0.00	0.21	0.86	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	32.73	28.00	28.71	27.18	35.98	28.53	42.27	39.57	41.43	24.89	39.79	41.69	44.10	44.03	47.87	38.27	44.59	54.41	64.13	50.66	46.79	40.62	41.48	41.04
24028	0.93	0.90	0.95	0.91	1.23	0.94	1.53	1.31	1.14	0.59	0.70	0.83	1.03	0.93	1.16	0.85	1.47	1.85	2.35	1.93	1.65	1.30	1.19	1.21
	0.10	0.08	0.14	0.13	1.28	0.16	0.10	0.12	0.13	4.06	0.71	0.19	0.00	0.22	0.88	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	31.97	27.39	27.95	26.45	33.43	27.76	41.14	38.49	40.39	18.89	38.17	40.68	43.27	43.02	45.79	37.29	43.58	53.00	62.39	49.22	45.71	39.77	40.69	40.35
23527	0.30	0.39	0.37	0.36	0.44	0.37	0.53	0.40	0.28	0.15	0.05	0.08	0.19	0.22	0.29	0.35	0.45	0.44	0.61	0.49	0.57	0.45	0.39	0.52
	0.23	0.19	0.32	0.30	3.03	0.37	0.23	0.29	0.31	9.61	1.68	0.45	0.00	0.52	2.08	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.35	26.84	27.50	26.04	34.63	27.32	40.16	37.76	39.69	24.83	38.33	39.95	42.19	42.29	46.06	37.00	42.50	51.78	60.79	47.94	44.31	38.52	39.39	39.10
24190	-0.47	-0.29	-0.30	-0.27	-0.46	-0.32	-0.60	-0.53	-0.64	-0.55	-0.95	-0.96	-0.88	-0.87	-0.88	-0.50	-0.63	-0.78	-0.99	-0.79	-0.82	-0.80	-0.91	-0.72
	0.07	0.06	0.10	0.09	0.94	0.11	0.07	0.09	0.10	2.98	0.52	0.14	0.00	0.16	0.65	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.37	27.50	28.21	26.64	36.45	28.14	41.44	38.91	40.98	28.78	40.50	41.83	43.88	44.10	48.29	38.27	43.57	52.84	62.15	49.09	45.70	40.00	40.96	40.41
355683	0.47	0.32	0.32	0.25	0.42	0.38	0.60	0.53	0.56	0.42	0.71	0.79	0.81	0.78	0.71	0.51	0.44	0.28	0.37	0.36	0.56	0.68	0.66	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	32.11	27.48	28.18	26.69	35.91	28.04	41.57	40.46	42.23	26.75	38.89	40.95	43.39	42.90	46.94	38.16	30.01	50.98	62.10	48.94	45.29	39.39	40.31	40.04
323833	0.25	0.33	0.34	0.35	0.45	0.35	0.77	2.13	1.86	0.08	-0.61	-0.02	0.32	-0.32	-0.28	0.54	-0.25	0.15	0.32	0.20	0.15	0.07	0.01	0.21
	0.04	0.04	0.06	0.06	0.57	0.07	0.04	0.05	0.06	1.68	0.29	0.08	0.00	0.09	0.37	0.15	12.87	1.73	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	32.10	27.47	28.18	26.69	35.90	28.03	41.55	40.46	42.23	26.75	38.89	40.95	43.39	42.90	46.94	38.16	30.08	50.98	62.09	48.93	45.29	39.38	40.30	40.02
323834	0.24	0.32	0.34	0.35	0.44	0.34	0.76	2.13	1.86	0.08	-0.61	-0.02	0.32	-0.32	-0.28	0.54	-0.26	0.14	0.31	0.19	0.15	0.06	0.00	0.19
	0.04	0.04	0.06	0.06	0.57	0.07	0.04	0.05	0.06	1.68	0.29	0.08	0.00	0.09	0.37	0.15	12.79	1.72	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	31.35	26.84	27.50	26.04	34.63	27.32	40.16	37.76	39.69	24.83	38.33	39.95	42.19	42.29	46.06	37.00	42.50	51.78	60.79	47.94	44.31	38.52	39.39	39.10
23571	-0.47	-0.29	-0.30	-0.27	-0.46	-0.32	-0.60	-0.53	-0.64	-0.55	-0.95	-0.96	-0.88	-0.87	-0.88	-0.50	-0.63	-0.78	-0.99	-0.79	-0.82	-0.80	-0.91	-0.72
	0.07	0.06	0.10	0.09	0.94	0.11	0.07	0.09	0.10	2.98	0.52	0.14	0.00	0.16	0.65	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	31.35 -0.47 0.07	26.84 -0.29 0.06	27.50 -0.30 0.10	26.04 -0.27 0.09	34.63 -0.46 0.94	27.32 -0.32 0.11	40.16 -0.60 0.07	37.76 -0.53 0.09	39.69 -0.64 0.10	24.83 -0.55 2.98	38.33 -0.95 0.52	39.95 -0.96 0.14	42.19 -0.88 0.00	42.29 -0.87 0.16	46.06 -0.88 0.65	37.00 -0.50 0.25	42.50 -0.63 0.00	51.78 -0.78 0.00	60.79 -0.99 0.00	47.94 -0.79 0.00	44.31 -0.82 0.00	38.52 -0.80 0.00	39.39 -0.91 0.00	39.10 -0.72 0.00
ALBANY___3 23573	31.35 -0.47 0.07	26.84 -0.29 0.06	27.50 -0.30 0.10	26.04 -0.27 0.09	34.63 -0.46 0.94	27.32 -0.32 0.11	40.16 -0.60 0.07	37.76 -0.53 0.09	39.69 -0.64 0.10	24.83 -0.55 2.98	38.33 -0.95 0.52	39.95 -0.96 0.14	42.19 -0.88 0.00	42.29 -0.87 0.16	46.06 -0.88 0.65	37.00 -0.50 0.25	42.50 -0.63 0.00	51.78 -0.78 0.00	60.79 -0.99 0.00	47.94 -0.79 0.00	44.31 -0.82 0.00	38.52 -0.80 0.00	39.39 -0.91 0.00	39.10 -0.72 0.00
ALBANY___4 23574	31.35 -0.47 0.07	26.84 -0.29 0.06	27.50 -0.30 0.10	26.04 -0.27 0.09	34.63 -0.46 0.94	27.32 -0.32 0.11	40.16 -0.60 0.07	37.76 -0.53 0.09	39.69 -0.64 0.10	24.83 -0.55 2.98	38.33 -0.95 0.52	39.95 -0.96 0.14	42.19 -0.88 0.00	42.29 -0.87 0.16	46.06 -0.88 0.65	37.00 -0.50 0.25	42.50 -0.63 0.00	51.78 -0.78 0.00	60.79 -0.99 0.00	47.94 -0.79 0.00	44.31 -0.82 0.00	38.52 -0.80 0.00	39.39 -0.91 0.00	39.10 -0.72 0.00
ALBANY___LFGE 323615	31.70 -0.12 0.08	27.13 0.01 0.06	27.79 0.00 0.11	26.31 0.02 0.10	34.92 -0.06 1.05	27.61 -0.02 0.13	40.64 -0.11 0.08	38.20 -0.08 0.10	40.14 -0.17 0.11	24.82 -0.21 3.33	38.77 -0.44 0.58	40.47 -0.42 0.15	42.75 -0.33 0.00	42.82 -0.32 0.18	46.63 -0.24 0.72	37.44 -0.03 0.28	43.08 -0.05 0.00	52.50 -0.05 0.00	61.64 -0.14 0.00	48.60 -0.13 0.00	44.92 -0.22 0.00	39.01 -0.31 0.00	39.89 -0.40 0.00	39.57 -0.25 0.00
ALCOA_PA_115KV_PL-6C 55860	32.53 0.63 0.00	27.64 0.45 0.00	28.34 0.44 0.00	26.76 0.36 0.00	36.63 0.60 0.00	28.28 0.52 0.00	41.68 0.84 0.00	39.12 0.74 0.00	41.18 0.76 0.00	28.89 0.53 0.00	40.69 0.90 0.00	42.02 0.97 0.00	44.12 1.04 0.00	44.32 1.00 0.00	48.47 0.88 0.00	38.38 0.62 0.00	43.66 0.53 0.00	52.96 0.41 0.00	62.33 0.55 0.00	49.21 0.48 0.00	45.84 0.71 0.00	40.16 0.85 0.00	41.17 0.88 0.00	40.63 0.81 0.00
ALCOA_RYNLDS___DRP 24188	32.53 0.63 0.00	27.64 0.45 0.00	28.34 0.44 0.00	26.76 0.36 0.00	36.63 0.60 0.00	28.28 0.52 0.00	41.68 0.84 0.00	39.12 0.74 0.00	41.18 0.76 0.00	28.89 0.53 0.00	40.69 0.90 0.00	42.02 0.97 0.00	44.12 1.04 0.00	44.32 1.00 0.00	48.47 0.88 0.00	38.38 0.62 0.00	43.66 0.53 0.00	52.96 0.41 0.00	62.33 0.55 0.00	49.21 0.48 0.00	45.84 0.71 0.00	40.16 0.85 0.00	41.17 0.88 0.00	40.63 0.81 0.00
ALCOA___DSASP 323711	32.53 0.63 0.00	27.64 0.45 0.00	28.34 0.44 0.00	26.76 0.36 0.00	36.63 0.60 0.00	28.28 0.52 0.00	41.67 0.84 0.00	39.12 0.73 0.00	41.18 0.76 0.00	28.88 0.52 0.00	40.69 0.89 0.00	42.01 0.97 0.00	44.12 1.04 0.00	44.32 1.00 0.00	48.47 0.88 0.00	38.38 0.62 0.00	43.66 0.53 0.00	52.96 0.41 0.00	62.33 0.55 0.00	49.21 0.48 0.00	45.84 0.71 0.00	40.16 0.84 0.00	41.17 0.88 0.00	40.63 0.81 0.00
ALLEGHENY___COGEN 23514	33.85 1.45 -0.50	28.34 1.03 -0.13	29.15 1.07 -0.19	27.53 1.04 -0.09	38.68 1.78 -0.87	29.62 1.55 -0.31	44.83 2.31 -1.68	42.34 2.30 -1.66	44.95 2.56 -1.97	30.14 1.12 -0.66	42.62 1.28 -1.54	43.80 1.30 -1.47	45.79 1.24 -1.48	46.24 1.44 -1.48	50.95 1.67 -1.70	39.08 0.80 -0.52	44.91 0.76 -1.02	55.93 1.09 -2.28	67.90 2.62 -3.50	54.31 3.05 -2.53	50.27 2.93 -2.20	43.18 2.51 -1.35	44.96 2.97 -1.69	43.82 2.70 -1.29
ALTAMONT_115KV_TB 2 55880	31.94 0.09 0.05	27.32 0.17 0.04	28.01 0.18 0.06	26.52 0.18 0.06	35.62 0.18 0.58	27.79 0.11 0.07	40.88 0.09 0.04	38.40 0.08 0.06	40.36 0.00 0.06	26.45 -0.05 1.86	39.30 -0.17 0.32	40.79 -0.17 0.09	42.97 -0.10 0.00	43.14 -0.08 0.10	47.20 0.01 0.40	37.74 0.14 0.16	43.26 0.14 0.00	52.77 0.22 0.00	61.95 0.18 0.00	48.84 0.11 0.00	45.17 0.03 0.00	39.28 -0.04 0.00	40.19 -0.10 0.00	39.85 0.02 0.00
ALTONA_WT_PWR 323606	32.64 0.74 0.00	27.71 0.53 0.00	28.43 0.53 0.00	26.74 0.34 0.00	36.39 0.37 0.00	28.16 0.41 0.00	41.54 0.70 0.00	38.69 0.31 0.00	40.61 0.19 0.00	28.69 0.34 0.00	40.41 0.61 0.00	41.46 0.42 0.00	43.72 0.64 0.00	43.66 0.34 0.00	47.08 -0.50 0.00	37.59 -0.17 0.00	42.57 -0.56 0.00	51.79 -0.77 0.00	61.38 -0.40 0.00	48.81 0.08 0.00	45.92 0.78 0.00	40.20 0.88 0.00	41.69 1.40 0.00	41.16 1.33 0.00
AMERICAN_REF_FUEL 24010	32.13 -0.19 -0.43	26.83 -0.46 -0.11	27.69 -0.37 -0.16	26.20 -0.27 -0.08	36.83 0.06 -0.74	28.09 0.08 -0.26	41.72 -0.55 -1.44	39.15 -0.65 -1.42	41.87 -0.23 -1.68	28.98 0.06 -0.56	41.34 0.22 -1.32	42.60 0.31 -1.25	44.46 0.12 -1.26	44.60 0.02 -1.27	49.05 0.01 -1.45	37.49 -0.71 -0.44	42.88 -1.16 -0.91	52.49 -2.12 -2.05	62.57 -2.35 -3.14	49.45 -1.55 -2.27	46.09 -1.03 -1.98	40.05 -0.49 -1.21	42.46 0.64 -1.52	41.77 0.78 -1.16
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.67 0.32 -0.45	27.37 0.07 -0.11	28.23 0.16 -0.17	26.69 0.21 -0.08	37.41 0.61 -0.77	28.72 0.69 -0.27	43.14 0.80 -1.50	40.69 0.83 -1.48	43.56 1.39 -1.76	29.97 1.02 -0.59	42.76 1.58 -1.38	44.05 1.70 -1.31	45.98 1.59 -1.32	45.90 1.26 -1.32	50.62 1.51 -1.52	38.64 0.42 -0.46	44.55 0.49 -0.93	55.17 0.51 -2.10	65.77 0.78 -3.22	51.75 0.69 -2.33	47.81 0.65 -2.03	41.30 0.73 -1.25	43.50 1.65 -1.55	42.58 1.56 -1.19
ARTHUR KILL_GT_1 23520	33.24 1.22 -0.11	28.38 1.10 -0.09	25.96 0.97 2.91	25.98 0.78 1.20	30.07 0.95 6.91	28.77 0.82 -0.18	42.06 1.11 -0.12	39.61 1.09 -0.14	41.67 1.09 -0.16	34.07 0.94 -4.77	41.89 1.27 -0.83	42.46 1.19 -0.22	44.42 1.35 0.00	45.22 1.64 -0.26	50.59 1.97 -1.03	40.35 2.19 -0.41	45.65 2.52 0.00	55.43 2.87 0.00	64.83 3.05 0.00	50.92 2.19 0.00	46.95 1.81 0.00	40.89 1.57 0.00	41.80 1.50 0.00	41.51 1.68 0.00
ARTHUR_KILL_2 23512	33.13 1.12 -0.11	28.29 1.01 -0.09	25.87 0.88 2.91	25.90 0.70 1.20	29.94 0.82 6.91	28.67 0.73 -0.18	41.93 0.98 -0.12	39.48 0.96 -0.14	41.52 0.95 -0.16	33.99 0.86 -4.77	41.76 1.14 -0.82	42.34 1.08 -0.21	44.28 1.22 0.01	45.06 1.49 -0.25	50.43 1.82 -1.02	40.22 2.05 -0.41	45.50 2.37 0.00	55.18 2.62 0.00	64.55 2.78 0.00	50.72 1.99 0.00	46.76 1.62 0.00	40.73 1.41 0.00	41.64 1.35 0.00	41.36 1.53 0.00
ARTHUR_KILL_3 23513	33.25 1.24 -0.11	28.37 1.09 -0.09	25.99 0.99 2.91	26.02 0.82 1.20	30.16 1.04 6.91	28.83 0.89 -0.18	42.15 1.20 -0.12	39.73 1.20 -0.14	41.89 1.31 -0.16	34.30 1.17 -4.77	42.25 1.62 -0.83	42.84 1.58 -0.22	44.82 1.75 0.00	45.58 2.00 -0.26	50.98 2.36 -1.03	40.49 2.32 -0.41	45.80 2.68 0.00	55.60 3.05 0.00	65.02 3.25 0.00	50.91 2.18 0.00	46.61 1.47 0.00	40.56 1.24 0.00	41.45 1.16 0.00	41.14 1.31 0.00

ARTHUR_KILL_COGEN 323718	33.24 1.22 -0.11	28.38 1.10 -0.09	25.96 0.97 2.91	25.98 0.78 1.20	30.07 0.95 6.91	28.77 0.83 -0.18	42.07 1.11 -0.12	39.61 1.09 -0.14	41.67 1.10 -0.16	34.08 0.95 -4.77	41.88 1.26 -0.82	42.46 1.20 -0.21	44.41 1.35 0.01	45.21 1.63 -0.25	50.59 1.98 -1.02	40.36 2.19 -0.41	45.67 2.54 0.00	55.39 2.83 0.00	64.80 3.02 0.00	50.92 2.19 0.00	46.95 1.81 0.00	40.89 1.57 0.00	41.80 1.50 0.00	41.51 1.67 0.00
ASHOKAN____ 23654	32.38 0.48 0.00	27.65 0.47 0.00	28.34 0.44 0.00	26.79 0.40 0.00	36.75 0.72 0.00	28.14 0.38 0.00	41.44 0.60 0.00	39.28 0.91 0.00	41.25 0.83 0.00	28.78 0.42 0.00	40.44 0.64 0.00	41.35 0.31 0.00	43.57 0.50 0.00	43.75 0.43 0.00	48.42 0.83 0.00	38.91 1.15 0.00	22.88 0.98 21.22	51.14 1.44 2.86	63.57 1.79 0.00	50.10 1.37 0.00	46.19 1.05 0.00	40.03 0.71 0.00	40.88 0.58 0.00	40.48 0.65 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.28 1.27 -0.11	28.42 1.14 -0.09	29.07 1.02 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.76 1.24 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.55 1.65 -8.11	42.87 1.60 -0.22	44.86 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.90 2.75 -1.03	56.37 3.07 -0.74	65.04 3.12 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.31 0.00	41.33 1.51 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.26 1.25 -0.11	28.41 1.13 -0.09	29.06 1.00 -0.16	27.38 0.84 -0.15	38.44 0.91 -1.50	28.78 0.84 -0.18	42.14 1.19 -0.12	39.73 1.21 -0.14	41.87 1.30 -0.16	34.29 1.16 -4.77	49.53 1.62 -8.11	42.85 1.58 -0.22	44.85 1.78 0.00	45.61 2.03 -0.26	50.98 2.36 -1.03	40.55 2.28 -0.51	46.88 2.73 -1.03	56.34 3.04 -0.74	65.01 3.09 -0.15	50.90 2.13 -0.05	46.79 1.49 -0.16	40.85 1.27 -0.26	41.61 1.31 0.00	41.33 1.51 0.00
ASTORIA_GT2_1 24094	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT2_2 24095	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT2_3 24096	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT2_4 24097	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT3_1 24098	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT3_2 24099	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT3_3 24100	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT3_4 24101	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT4_1 24102	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT4_2 24103	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT4_3 24104	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -4.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00

ASTORIA_GT4_4 24105	33.28 1.27 -0.11	28.41 1.14 -0.09	29.07 1.01 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.75 1.23 -0.14	41.90 1.32 -0.16	34.30 1.17 -0.77	49.56 1.66 -8.11	42.87 1.60 -0.22	44.87 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.92 2.77 -1.03	56.41 3.11 -0.74	65.07 3.15 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.32 0.00	41.33 1.51 0.00
ASTORIA_GT_1 23523	33.34 1.33 -0.11	28.47 1.19 -0.09	29.12 1.06 -0.16	27.43 0.89 -0.15	38.52 0.99 -1.50	28.84 0.90 -0.18	42.24 1.29 -0.12	39.83 1.32 -0.14	41.99 1.41 -0.16	34.36 1.23 -0.77	49.66 1.76 -8.11	42.97 1.71 -0.22	44.98 1.91 0.00	45.74 2.16 -0.26	51.13 2.51 -1.03	40.68 2.41 -0.51	47.03 2.88 -1.03	56.53 3.23 -0.74	65.23 3.31 -0.15	51.05 2.27 -0.05	46.92 1.62 -0.16	40.96 1.38 -0.26	41.70 1.40 0.00	41.42 1.59 0.00
ASTORIA_GT_10 24110	33.23 1.22 -0.11	28.40 1.13 -0.09	29.08 1.02 -0.16	27.41 0.86 -0.15	38.50 0.97 -1.50	28.79 0.85 -0.18	42.10 1.15 -0.12	39.67 1.15 -0.14	41.84 1.27 -0.16	34.28 1.15 -0.77	42.26 1.63 -0.83	42.83 1.56 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.95 2.33 -1.03	40.45 2.28 -0.41	45.80 2.67 0.00	55.61 3.06 0.00	64.92 3.15 0.00	50.84 2.11 0.00	46.59 1.46 0.00	40.52 1.20 0.00	41.41 1.12 0.00	41.13 1.30 0.00
ASTORIA_GT_11 24225	33.23 1.22 -0.11	28.40 1.13 -0.09	29.08 1.02 -0.16	27.41 0.86 -0.15	38.50 0.97 -1.50	28.79 0.85 -0.18	42.10 1.15 -0.12	39.67 1.15 -0.14	41.84 1.27 -0.16	34.28 1.15 -0.77	42.26 1.63 -0.83	42.83 1.56 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.95 2.33 -1.03	40.45 2.28 -0.41	45.80 2.67 0.00	55.61 3.06 0.00	64.92 3.15 0.00	50.84 2.11 0.00	46.59 1.46 0.00	40.52 1.20 0.00	41.41 1.12 0.00	41.13 1.30 0.00
ASTORIA_GT_12 24226	33.23 1.22 -0.11	28.40 1.13 -0.09	29.08 1.02 -0.16	27.41 0.86 -0.15	38.50 0.97 -1.50	28.79 0.85 -0.18	42.10 1.15 -0.12	39.67 1.15 -0.14	41.84 1.27 -0.16	34.28 1.15 -0.77	42.26 1.63 -0.83	42.83 1.56 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.95 2.33 -1.03	40.45 2.28 -0.41	45.80 2.67 0.00	55.61 3.06 0.00	64.92 3.15 0.00	50.84 2.11 0.00	46.59 1.46 0.00	40.52 1.20 0.00	41.41 1.12 0.00	41.13 1.30 0.00
ASTORIA_GT_13 24227	33.23 1.22 -0.11	28.40 1.13 -0.09	29.08 1.02 -0.16	27.41 0.86 -0.15	38.50 0.97 -1.50	28.79 0.85 -0.18	42.10 1.15 -0.12	39.67 1.15 -0.14	41.84 1.27 -0.16	34.28 1.15 -0.77	42.26 1.63 -0.83	42.83 1.56 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.95 2.33 -1.03	40.45 2.28 -0.41	45.80 2.67 0.00	55.61 3.06 0.00	64.92 3.15 0.00	50.84 2.11 0.00	46.59 1.46 0.00	40.52 1.20 0.00	41.41 1.12 0.00	41.13 1.30 0.00
ASTORIA_GT_5 24106	33.34 1.33 -0.11	28.47 1.19 -0.09	29.12 1.06 -0.16	27.43 0.89 -0.15	38.52 0.99 -1.50	28.84 0.90 -0.18	42.24 1.29 -0.12	39.83 1.32 -0.14	41.99 1.41 -0.16	34.36 1.23 -0.77	49.66 1.76 -8.11	42.97 1.71 -0.22	44.98 1.91 0.00	45.74 2.16 -0.26	51.13 2.51 -1.03	40.68 2.41 -0.51	47.03 2.88 -1.03	56.53 3.23 -0.74	65.23 3.31 -0.15	51.05 2.27 -0.05	46.92 1.62 -0.16	40.96 1.38 -0.26	41.70 1.40 0.00	41.42 1.59 0.00
ASTORIA_GT_7 24107	33.34 1.33 -0.11	28.47 1.19 -0.09	29.12 1.06 -0.16	27.43 0.89 -0.15	38.52 0.99 -1.50	28.84 0.90 -0.18	42.24 1.29 -0.12	39.83 1.32 -0.14	41.99 1.41 -0.16	34.36 1.23 -0.77	49.66 1.76 -8.11	42.97 1.71 -0.22	44.98 1.91 0.00	45.74 2.16 -0.26	51.13 2.51 -1.03	40.68 2.41 -0.51	47.03 2.88 -1.03	56.53 3.23 -0.74	65.23 3.31 -0.15	51.05 2.27 -0.05	46.92 1.62 -0.16	40.96 1.38 -0.26	41.70 1.40 0.00	41.42 1.59 0.00
ASTORIA_GT_8 24108	33.34 1.33 -0.11	28.47 1.19 -0.09	29.12 1.06 -0.16	27.43 0.89 -0.15	38.52 0.99 -1.50	28.84 0.90 -0.18	42.24 1.29 -0.12	39.83 1.32 -0.14	41.99 1.41 -0.16	34.36 1.23 -0.77	49.66 1.76 -8.11	42.97 1.71 -0.22	44.98 1.91 0.00	45.74 2.16 -0.26	51.13 2.51 -1.03	40.68 2.41 -0.51	47.03 2.88 -1.03	56.53 3.23 -0.74	65.23 3.31 -0.15	51.05 2.27 -0.05	46.92 1.62 -0.16	40.96 1.38 -0.26	41.70 1.40 0.00	41.42 1.59 0.00
ASTORIA___2 24149	33.28 1.27 -0.11	28.42 1.14 -0.09	29.07 1.02 -0.16	27.39 0.84 -0.15	38.46 0.93 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.76 1.24 -0.14	41.90 1.32 -0.16	34.30 1.17 -0.77	49.55 1.65 -8.11	42.87 1.60 -0.22	44.86 1.79 0.00	45.62 2.05 -0.26	51.01 2.39 -1.03	40.57 2.30 -0.51	46.90 2.75 -1.03	56.37 3.07 -0.74	65.04 3.12 -0.15	50.93 2.15 -0.05	46.82 1.52 -0.16	40.87 1.28 -0.26	41.61 1.31 0.00	41.33 1.51 0.00
ASTORIA___3 23516	33.23 1.22 -0.11	28.41 1.13 -0.09	29.08 1.02 -0.16	27.41 0.86 -0.15	38.50 0.97 -1.50	28.80 0.85 -0.18	42.10 1.15 -0.12	39.68 1.16 -0.14	41.84 1.26 -0.16	34.29 1.16 -0.77	42.25 1.62 -0.83	42.82 1.56 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.94 2.32 -1.03	40.45 2.29 -0.41	45.81 2.68 0.00	55.58 3.02 0.00	64.89 3.12 0.00	50.84 2.11 0.00	46.59 1.46 0.00	40.52 1.20 0.00	41.41 1.11 0.00	41.13 1.30 0.00
ASTORIA___4 23517	33.23 1.22 -0.11	28.40 1.13 -0.09	29.08 1.02 -0.16	27.41 0.86 -0.15	38.50 0.97 -1.50	28.79 0.85 -0.18	42.10 1.15 -0.12	39.67 1.15 -0.14	41.84 1.27 -0.16	34.28 1.15 -0.77	42.26 1.63 -0.83	42.83 1.56 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.95 2.33 -1.03	40.45 2.28 -0.41	45.80 2.67 0.00	55.61 3.06 0.00	64.92 3.15 0.00	50.84 2.11 0.00	46.59 1.46 0.00	40.52 1.20 0.00	41.41 1.12 0.00	41.13 1.30 0.00
ASTORIA___5 23518	33.23 1.22 -0.11	28.41 1.13 -0.09	29.08 1.02 -0.16	27.41 0.86 -0.15	38.50 0.97 -1.50	28.80 0.85 -0.18	42.10 1.15 -0.12	39.68 1.16 -0.14	41.83 1.25 -0.16	34.29 1.16 -0.77	42.25 1.62 -0.83	42.82 1.56 -0.22	44.80 1.72 0.00	45.57 1.99 -0.26	50.94 2.32 -1.03	40.45 2.29 -0.41	45.81 2.68 0.00	55.58 3.02 0.00	64.89 3.12 0.00	50.84 2.11 0.00	46.59 1.46 0.00	40.52 1.20 0.00	41.41 1.11 0.00	41.13 1.30 0.00
AST_ENERGY_2_CC3 323677	28.23 0.93 4.59	26.10 0.86 1.94	26.10 0.72 2.52	25.81 0.61 1.19	25.53 0.55 11.04	25.61 0.56 2.71	26.26 0.78 15.35	26.26 0.83 12.95	26.26 0.89 15.05	26.36 0.87 2.87	27.46 1.21 13.55	27.46 1.17 14.75	29.20 1.35 15.22	30.68 1.59 14.23	36.34 1.88 13.13	28.63 1.91 11.04	33.99 2.30 11.44	43.87 2.52 11.21	53.29 2.48 10.96	39.14 1.64 11.23	34.62 1.04 11.55	28.54 0.87 11.65	28.44 0.88 12.73	29.74 1.08 11.16
AST_ENERGY_2_CC4 323678	28.23 0.93 4.59	26.10 0.86 1.94	26.10 0.72 2.52	25.81 0.61 1.19	25.53 0.55 11.04	25.61 0.56 2.71	26.26 0.78 15.35	26.26 0.83 12.95	26.26 0.89 15.05	26.36 0.87 2.87	27.46 1.21 13.55	27.46 1.17 14.75	29.20 1.35 15.22	30.68 1.59 14.23	36.34 1.88 13.13	28.63 1.91 11.04	33.99 2.30 11.44	43.87 2.52 11.21	53.29 2.48 10.96	39.14 1.64 11.23	34.62 1.04 11.55	28.54 0.87 11.65	28.44 0.88 12.73	29.74 1.08 11.16

ATHENS_STG_1 23668	32.21 0.27 -0.05	27.54 0.31 -0.04	28.28 0.31 -0.07	26.76 0.30 -0.07	36.99 0.30 -0.66	28.01 0.17 -0.08	41.06 0.18 -0.05	38.61 0.17 -0.06	40.63 0.14 -0.07	30.61 0.16 -2.10	40.34 0.18 -0.37	41.33 0.19 -0.10	43.36 0.29 0.00	43.83 0.40 -0.11	48.58 0.53 -0.45	38.56 0.62 -0.18	43.86 0.73 0.00	53.44 0.88 0.00	62.56 0.78 0.00	49.21 0.48 0.00	45.45 0.31 0.00	39.50 0.18 0.00	40.44 0.15 0.00	40.09 0.27 0.00
ATHENS_STG_2 23670	32.21 0.27 -0.05	27.54 0.31 -0.04	28.28 0.31 -0.07	26.76 0.30 -0.07	36.99 0.30 -0.66	28.01 0.17 -0.08	41.06 0.18 -0.05	38.61 0.17 -0.06	40.63 0.14 -0.07	30.61 0.16 -2.10	40.34 0.18 -0.37	41.33 0.19 -0.10	43.36 0.29 0.00	43.83 0.40 -0.11	48.58 0.53 -0.45	38.56 0.62 -0.18	43.86 0.73 0.00	53.44 0.88 0.00	62.56 0.78 0.00	49.21 0.48 0.00	45.45 0.31 0.00	39.50 0.18 0.00	40.44 0.15 0.00	40.09 0.27 0.00
ATHENS_STG_3 23677	32.21 0.27 -0.05	27.54 0.31 -0.04	28.28 0.31 -0.07	26.76 0.30 -0.07	36.99 0.30 -0.66	28.01 0.17 -0.08	41.06 0.18 -0.05	38.61 0.17 -0.06	40.63 0.14 -0.07	30.61 0.16 -2.10	40.34 0.18 -0.37	41.33 0.19 -0.10	43.36 0.29 0.00	43.83 0.40 -0.11	48.58 0.53 -0.45	38.56 0.62 -0.18	43.86 0.73 0.00	53.44 0.88 0.00	62.56 0.78 0.00	49.21 0.48 0.00	45.45 0.31 0.00	39.50 0.18 0.00	40.44 0.15 0.00	40.09 0.27 0.00
AUBURN___LFGE 323710	33.23 0.28 -1.05	27.70 0.25 -0.27	28.57 0.28 -0.40	26.90 0.30 -0.20	38.19 0.34 -1.82	28.81 0.42 -0.64	45.01 0.66 -3.52	42.48 0.63 -3.47	45.23 0.70 -4.12	30.21 0.47 -1.38	43.62 0.59 -3.23	44.62 0.51 -3.07	46.48 0.31 -3.10	46.77 0.35 -3.10	51.51 0.36 -3.56	38.84 0.00 -1.08	45.25 0.07 -2.05	57.51 0.50 -4.46	69.58 0.97 -6.83	54.48 0.80 -4.94	50.15 0.71 -4.30	42.36 0.40 -2.64	44.22 0.63 -3.30	42.75 0.40 -2.53
BABYLON_RES_REC 323704	33.17 1.16 -0.11	28.32 1.04 -0.09	28.95 0.89 -0.16	27.28 0.73 -0.15	38.35 0.81 -1.50	28.60 0.66 -0.18	39.82 0.49 1.51	14.40 0.58 24.57	14.66 0.85 26.61	16.09 0.83 13.09	33.17 1.38 8.00	42.58 1.32 -0.22	42.68 0.88 1.27	24.75 1.09 19.66	50.94 1.48 -1.87	45.33 1.62 -5.94	46.32 1.85 -1.34	56.06 1.97 -1.53	63.14 1.83 0.47	49.65 1.07 0.15	43.90 0.57 1.81	22.02 0.41 17.70	40.87 0.70 0.12	40.78 0.95 0.00
BALL_HILL_WT_PWR 323825	32.50 0.16 -0.44	27.21 -0.09 -0.11	28.06 0.00 -0.17	26.55 0.07 -0.08	37.23 0.44 -0.76	28.49 0.47 -0.27	42.61 0.30 -1.48	40.07 0.24 -1.46	42.86 0.71 -1.73	29.52 0.59 -0.58	42.12 0.97 -1.36	43.38 1.05 -1.29	45.30 0.93 -1.30	45.35 0.73 -1.30	50.05 0.96 -1.50	38.25 0.04 -0.46	44.04 -0.01 -0.93	54.39 -0.25 -2.09	64.80 -0.17 -3.19	51.07 0.03 -2.31	47.31 0.17 -2.01	40.91 0.35 -1.23	43.11 1.27 -1.54	42.20 1.19 -1.18
BARON_WINDS___WT_PWR 323822	32.20 -0.24 -0.55	27.04 -0.29 -0.14	27.82 -0.29 -0.21	26.25 -0.25 -0.10	36.98 0.00 -0.95	28.18 0.09 -0.33	42.69 0.01 -1.84	40.18 -0.01 -1.82	42.75 0.17 -2.16	29.15 0.07 -0.72	41.36 -0.13 -1.69	42.54 -0.11 -1.61	44.31 -0.38 -1.62	44.69 -0.26 -1.63	49.25 -0.20 -1.87	37.81 -0.52 -0.57	43.45 -0.77 -1.09	54.48 -0.50 -2.42	65.25 -0.24 -3.71	51.54 0.13 -2.68	47.62 0.15 -2.34	40.95 0.20 -1.43	42.79 0.71 -1.79	41.79 0.59 -1.37
BARRETT_IC_1 23704	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	90.74 1.14 -49.80	42.48 1.22 -0.22	44.86 1.17 -0.61	62.17 1.52 -17.33	81.80 1.94 -32.28	99.23 1.94 -59.53	80.87 2.09 -35.65	99.26 2.21 -44.50	64.92 2.31 -0.83	50.53 1.53 -0.27	46.85 0.83 -0.88	42.95 0.57 -3.06	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT_IC_10 23701	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	-215.59 1.14 256.52	42.48 1.22 -0.22	44.86 1.17 -0.61	57.92 1.52 -13.09	63.91 1.94 -14.39	61.15 1.94 -21.45	23.98 2.09 21.24	13.79 2.21 40.97	53.40 2.31 10.69	46.81 1.53 3.45	33.80 0.83 12.17	22.26 0.57 17.63	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT_IC_11 23702	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	-215.59 1.14 256.52	42.48 1.22 -0.22	44.86 1.17 -0.61	57.92 1.52 -13.09	63.91 1.94 -14.39	61.15 1.94 -21.45	23.98 2.09 21.24	13.79 2.21 40.97	53.40 2.31 10.69	46.81 1.53 3.45	33.80 0.83 12.17	22.26 0.57 17.63	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT_IC_12 23703	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	-215.59 1.14 256.52	42.48 1.22 -0.22	44.86 1.17 -0.61	57.92 1.52 -13.09	63.91 1.94 -14.39	61.15 1.94 -21.45	23.98 2.09 21.24	13.79 2.21 40.97	53.40 2.31 10.69	46.81 1.53 3.45	33.80 0.83 12.17	22.26 0.57 17.63	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT_IC_2 23705	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	90.74 1.14 -49.80	42.48 1.22 -0.22	44.86 1.17 -0.61	62.17 1.52 -17.33	81.80 1.94 -32.28	99.23 1.94 -59.53	80.87 2.09 -35.65	99.26 2.21 -44.50	64.92 2.31 -0.83	50.53 1.53 -0.27	46.85 0.83 -0.88	42.95 0.57 -3.06	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT_IC_3 23706	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	90.74 1.14 -49.80	42.48 1.22 -0.22	44.86 1.17 -0.61	62.17 1.52 -17.33	81.80 1.94 -32.28	99.23 1.94 -59.53	80.87 2.09 -35.65	99.26 2.21 -44.50	64.92 2.31 -0.83	50.53 1.53 -0.27	46.85 0.83 -0.88	42.95 0.57 -3.06	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT_IC_4 23707	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	90.74 1.14 -49.80	42.48 1.22 -0.22	44.86 1.17 -0.61	62.17 1.52 -17.33	81.80 1.94 -32.28	99.23 1.94 -59.53	80.87 2.09 -35.65	99.26 2.21 -44.50	64.92 2.31 -0.83	50.53 1.53 -0.27	46.85 0.83 -0.88	42.95 0.57 -3.06	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT_IC_5 23708	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	90.74 1.14 -49.80	42.48 1.22 -0.22	44.86 1.17 -0.61	62.17 1.52 -17.33	81.80 1.94 -32.28	99.23 1.94 -59.53	80.87 2.09 -35.65	99.26 2.21 -44.50	64.92 2.31 -0.83	50.53 1.53 -0.27	46.85 0.83 -0.88	42.95 0.57 -3.06	40.74 0.45 0.00	40.51 0.69 0.00

BARRETT_IC_6 23709	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	90.74 1.14 -49.80	42.48 1.22 -0.22	44.86 1.17 -0.61	62.17 1.52 -17.33	81.80 1.94 -32.28	99.23 1.94 -59.53	80.87 2.09 -35.65	99.26 2.21 -44.50	64.92 2.31 -0.83	50.53 1.53 -0.27	46.85 0.83 -0.88	42.95 0.57 -3.06	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT_IC_7 23710	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.34 0.28 1.78	10.01 0.29 28.66	10.00 0.54 30.96	12.88 0.61 16.09	90.75 1.16 -49.80	42.50 1.23 -0.22	44.86 1.17 -0.61	62.23 1.57 -17.33	81.86 2.00 -32.28	99.25 1.96 -59.53	80.94 2.16 -35.65	99.60 2.55 -44.50	65.06 2.46 -0.83	50.53 1.54 -0.27	46.85 0.84 -0.88	42.96 0.58 -3.06	40.74 0.45 0.00	40.52 0.69 0.00
BARRETT_IC_8 23711	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	90.74 1.14 -49.80	42.48 1.22 -0.22	44.86 1.17 -0.61	62.17 1.52 -17.33	81.80 1.94 -32.28	99.23 1.94 -59.53	80.87 2.09 -35.65	99.26 2.21 -44.50	64.92 2.31 -0.83	50.53 1.53 -0.27	46.85 0.83 -0.88	42.95 0.57 -3.06	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT_IC_9 23700	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	-215.59 1.14 256.52	42.48 1.22 -0.22	44.86 1.17 -0.61	57.92 1.52 -13.09	63.91 1.94 -14.39	61.15 1.94 -21.45	23.98 2.09 21.24	13.79 2.21 40.97	53.40 2.31 10.69	46.81 1.53 3.45	33.80 0.83 12.17	22.26 0.57 17.63	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT___1 23545	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	90.74 1.14 -49.80	42.48 1.22 -0.22	44.86 1.17 -0.61	62.17 1.52 -17.33	81.80 1.94 -32.28	99.23 1.94 -59.53	80.87 2.09 -35.65	99.26 2.21 -44.50	64.92 2.31 -0.83	50.53 1.53 -0.27	46.85 0.83 -0.88	42.95 0.57 -3.06	40.74 0.45 0.00	40.51 0.69 0.00
BARRETT___2 23546	33.03 1.01 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.24 0.70 -0.15	38.31 0.78 -1.50	28.51 0.57 -0.18	39.35 0.30 1.78	10.00 0.28 28.66	10.00 0.54 30.96	12.88 0.61 16.09	-215.59 1.14 256.52	42.48 1.22 -0.22	44.86 1.17 -0.61	57.92 1.52 -13.09	63.91 1.94 -14.39	61.15 1.94 -21.45	23.98 2.09 21.24	13.79 2.21 40.97	53.40 2.31 10.69	46.81 1.53 3.45	33.80 0.83 12.17	22.26 0.57 17.63	40.74 0.45 0.00	40.51 0.69 0.00
BATAVIA___115KV_TB1 55881	33.43 1.11 -0.42	27.96 0.67 -0.11	28.80 0.75 -0.16	27.23 0.76 -0.08	38.15 1.40 -0.72	29.19 1.18 -0.25	43.69 1.45 -1.40	41.17 1.41 -1.38	43.92 1.86 -1.63	30.25 1.35 -0.55	43.04 1.97 -1.28	44.14 1.88 -1.22	45.85 1.54 -1.23	45.94 1.38 -1.23	50.54 1.53 -1.42	38.83 0.64 -0.43	44.36 0.33 -0.90	54.78 0.17 -2.05	65.81 0.90 -3.14	52.06 1.06 -2.27	48.31 1.20 -1.97	41.76 1.23 -1.21	43.91 2.10 -1.51	43.02 2.03 -1.16
BAYONEEC___CTG1 323682	33.40 1.39 -0.11	28.51 1.23 -0.09	29.18 1.13 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.31 -0.14	42.00 1.43 -0.16	34.40 1.27 -4.77	42.40 1.77 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.19 2.57 -1.03	40.61 2.44 -0.41	45.97 2.84 0.00	55.85 3.30 0.00	65.27 3.50 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.75 1.43 0.00	41.65 1.36 0.00	41.32 1.49 0.00
BAYONEEC___CTG10 323750	33.40 1.39 -0.11	28.51 1.23 -0.09	29.18 1.13 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.31 -0.14	42.00 1.43 -0.16	34.40 1.27 -4.77	42.40 1.77 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.19 2.57 -1.03	40.61 2.44 -0.41	45.97 2.84 0.00	55.85 3.30 0.00	65.27 3.50 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.75 1.43 0.00	41.65 1.36 0.00	41.32 1.49 0.00
BAYONEEC___CTG2 323683	33.40 1.39 -0.11	28.51 1.23 -0.09	29.18 1.13 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.31 -0.14	42.00 1.43 -0.16	34.40 1.27 -4.77	42.40 1.77 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.19 2.57 -1.03	40.61 2.44 -0.41	45.97 2.84 0.00	55.85 3.30 0.00	65.27 3.50 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.75 1.43 0.00	41.65 1.36 0.00	41.32 1.49 0.00
BAYONEEC___CTG3 323684	33.40 1.39 -0.11	28.51 1.23 -0.09	29.18 1.13 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.31 -0.14	42.00 1.43 -0.16	34.40 1.27 -4.77	42.40 1.77 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.19 2.57 -1.03	40.61 2.44 -0.41	45.97 2.84 0.00	55.85 3.30 0.00	65.27 3.50 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.75 1.43 0.00	41.65 1.36 0.00	41.32 1.49 0.00
BAYONEEC___CTG4 323685	33.40 1.39 -0.11	28.51 1.23 -0.09	29.18 1.13 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.31 -0.14	42.00 1.43 -0.16	34.40 1.27 -4.77	42.40 1.77 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.19 2.57 -1.03	40.61 2.44 -0.41	45.97 2.84 0.00	55.85 3.30 0.00	65.27 3.50 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.75 1.43 0.00	41.65 1.36 0.00	41.32 1.49 0.00
BAYONEEC___CTG5 323686	33.40 1.39 -0.11	28.51 1.23 -0.09	29.18 1.13 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.31 -0.14	42.00 1.43 -0.16	34.40 1.27 -4.77	42.40 1.77 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.19 2.57 -1.03	40.61 2.44 -0.41	45.97 2.84 0.00	55.85 3.30 0.00	65.27 3.50 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.75 1.43 0.00	41.65 1.36 0.00	41.32 1.49 0.00
BAYONEEC___CTG6 323687	33.40 1.39 -0.11	28.51 1.23 -0.09	29.18 1.13 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.31 -0.14	42.00 1.43 -0.16	34.40 1.27 -4.77	42.40 1.77 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.19 2.57 -1.03	40.61 2.44 -0.41	45.97 2.84 0.00	55.85 3.30 0.00	65.27 3.50 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.75 1.43 0.00	41.65 1.36 0.00	41.32 1.49 0.00
BAYONEEC___CTG7 323688	33.40 1.39 -0.11	28.51 1.23 -0.09	29.18 1.13 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.31 -0.14	42.00 1.43 -0.16	34.40 1.27 -4.77	42.40 1.77 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.19 2.57 -1.03	40.61 2.44 -0.41	45.97 2.84 0.00	55.85 3.30 0.00	65.27 3.50 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.75 1.43 0.00	41.65 1.36 0.00	41.32 1.49 0.00

BAYONEEC___CTG8 323689	33.40 1.39 -0.11	28.51 1.23 -0.09	29.18 1.13 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.31 -0.14	42.00 1.43 -0.16	34.40 1.27 -4.77	42.40 1.77 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.19 2.57 -1.03	40.61 2.44 -0.41	45.97 2.84 0.00	55.85 3.30 0.00	65.27 3.50 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.75 1.43 0.00	41.65 1.36 0.00	41.32 1.49 0.00
BAYONEEC___CTG9 323749	33.40 1.39 -0.11	28.51 1.23 -0.09	29.18 1.13 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.31 -0.14	42.00 1.43 -0.16	34.40 1.27 -4.77	42.40 1.77 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.19 2.57 -1.03	40.61 2.44 -0.41	45.97 2.84 0.00	55.85 3.30 0.00	65.27 3.50 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.75 1.43 0.00	41.65 1.36 0.00	41.32 1.49 0.00
BEACON___LESR 323632	31.72 -0.10 0.08	27.23 0.11 0.06	27.86 0.07 0.11	26.33 0.04 0.10	35.05 0.03 1.00	27.74 0.10 0.12	40.86 0.10 0.08	38.36 0.08 0.09	40.29 -0.03 0.10	25.06 -0.11 3.19	38.89 -0.35 0.55	40.56 -0.34 0.15	42.90 -0.17 0.00	42.87 -0.28 0.17	46.69 -0.21 0.69	37.55 0.06 0.27	43.26 0.13 0.00	52.75 0.19 0.00	61.86 0.08 0.00	48.87 0.13 0.00	45.13 -0.01 0.00	39.11 -0.22 0.00	39.99 -0.31 0.00	39.68 -0.14 0.00
BEAVER RIVER___HYD 24048	33.83 1.42 -0.51	28.45 1.14 -0.13	29.24 1.15 -0.19	27.56 1.07 -0.10	38.36 1.46 -0.88	29.25 1.18 -0.31	44.59 2.05 -1.70	41.89 1.84 -1.68	44.16 1.75 -1.99	29.96 0.94 -0.67	42.54 1.18 -1.56	43.66 1.14 -1.48	45.58 1.00 -1.50	45.20 0.38 -1.50	49.56 0.25 -1.72	38.23 -0.05 -0.52	43.84 -0.32 -1.03	55.23 0.42 -2.25	66.79 1.56 -3.45	52.93 1.70 -2.49	48.67 1.36 -2.17	41.77 1.11 -1.33	43.12 1.16 -1.67	42.34 1.23 -1.28
BEEBEE_GT_13 23619	32.67 0.38 -0.39	27.45 0.17 -0.10	28.25 0.20 -0.15	26.69 0.22 -0.07	37.21 0.50 -0.68	28.47 0.48 -0.24	42.76 0.62 -1.31	40.29 0.61 -1.29	42.82 0.86 -1.53	29.51 0.63 -0.51	42.01 1.01 -1.20	43.18 1.00 -1.14	45.19 0.96 -1.15	45.35 0.88 -1.16	49.97 1.05 -1.33	38.66 0.49 -0.41	44.51 0.51 -0.87	55.02 0.48 -1.99	65.62 0.79 -3.05	51.69 0.75 -2.20	47.78 0.72 -1.92	41.16 0.66 -1.18	42.89 1.12 -1.47	41.92 0.97 -1.13
BENSHRST_27_KV_BENSHRST_1 355998	33.55 1.53 -0.11	28.62 1.34 -0.09	29.27 1.21 -0.16	27.56 1.02 -0.15	38.76 1.23 -1.50	28.99 1.05 -0.18	42.43 1.48 -0.12	39.99 1.46 -0.14	42.13 1.56 -0.16	34.48 1.35 -4.77	42.54 1.92 -0.83	43.13 1.87 -0.22	45.13 2.06 0.00	45.92 2.34 -0.26	51.39 2.77 -1.03	40.87 2.70 -0.41	46.24 3.11 0.00	56.09 3.53 0.00	65.54 3.77 0.00	51.38 2.65 0.00	47.15 2.02 0.00	41.07 1.75 0.00	41.99 1.70 0.00	41.67 1.84 0.00
BETHLEHEM___GRP 23843	31.35 -0.47 0.07	26.84 -0.29 0.06	27.50 -0.30 0.10	26.04 -0.27 0.09	34.63 -0.46 0.94	27.32 -0.32 0.11	40.16 -0.60 0.07	37.76 -0.53 0.09	39.69 -0.64 0.10	24.83 -0.55 2.98	38.33 -0.95 0.52	39.95 -0.96 0.14	42.19 -0.88 0.00	42.29 -0.87 0.16	46.06 -0.88 0.65	37.00 -0.50 0.25	42.50 -0.63 0.00	51.78 -0.78 0.00	60.79 -0.99 0.00	47.94 -0.79 0.00	44.31 -0.82 0.00	38.52 -0.80 0.00	39.39 -0.91 0.00	39.10 -0.72 0.00
BETHLEHEM___GS1 323560	31.35 -0.47 0.07	26.84 -0.28 0.06	27.50 -0.30 0.10	26.04 -0.27 0.09	34.63 -0.46 0.94	27.32 -0.32 0.11	40.16 -0.60 0.07	37.76 -0.53 0.09	39.68 -0.64 0.10	24.83 -0.55 2.98	38.33 -0.95 0.52	39.95 -0.96 0.14	42.18 -0.89 0.00	42.28 -0.88 0.16	46.06 -0.88 0.65	37.01 -0.50 0.25	42.50 -0.63 0.00	51.76 -0.79 0.00	60.78 -1.00 0.00	47.94 -0.79 0.00	44.31 -0.82 0.00	38.53 -0.79 0.00	39.39 -0.91 0.00	39.10 -0.72 0.00
BETHLEHEM___GS2 323561	31.35 -0.47 0.07	26.84 -0.28 0.06	27.50 -0.30 0.10	26.04 -0.27 0.09	34.63 -0.46 0.94	27.32 -0.32 0.11	40.16 -0.60 0.07	37.76 -0.53 0.09	39.68 -0.64 0.10	24.83 -0.55 2.98	38.33 -0.95 0.52	39.95 -0.96 0.14	42.18 -0.89 0.00	42.28 -0.88 0.16	46.06 -0.88 0.65	37.01 -0.50 0.25	42.50 -0.63 0.00	51.76 -0.79 0.00	60.78 -1.00 0.00	47.94 -0.79 0.00	44.31 -0.82 0.00	38.53 -0.79 0.00	39.39 -0.91 0.00	39.10 -0.72 0.00
BETHLEHEM___GS3 323562	31.35 -0.47 0.07	26.84 -0.28 0.06	27.50 -0.30 0.10	26.04 -0.27 0.09	34.63 -0.46 0.94	27.32 -0.32 0.11	40.16 -0.60 0.07	37.76 -0.53 0.09	39.68 -0.64 0.10	24.83 -0.55 2.98	38.33 -0.95 0.52	39.95 -0.96 0.14	42.18 -0.89 0.00	42.28 -0.88 0.16	46.06 -0.88 0.65	37.01 -0.50 0.25	42.50 -0.63 0.00	51.76 -0.79 0.00	60.78 -1.00 0.00	47.94 -0.79 0.00	44.31 -0.82 0.00	38.53 -0.79 0.00	39.39 -0.91 0.00	39.10 -0.72 0.00
BETHLEHEM___STEEL 23779	32.63 0.29 -0.44	27.29 -0.01 -0.11	28.16 0.09 -0.17	26.62 0.15 -0.08	37.39 0.60 -0.77	28.57 0.54 -0.27	42.68 0.36 -1.48	40.14 0.30 -1.46	42.90 0.75 -1.73	29.60 0.66 -0.58	42.26 1.11 -1.36	43.51 1.17 -1.29	45.44 1.07 -1.30	45.58 0.95 -1.31	50.26 1.17 -1.50	38.44 0.22 -0.46	44.10 0.04 -0.93	54.16 -0.48 -2.09	64.64 -0.33 -3.20	51.07 0.03 -2.31	47.42 0.28 -2.01	41.05 0.49 -1.24	43.34 1.50 -1.54	42.41 1.40 -1.18
BETHLHEM_115KV_TB1 79974	31.48 -0.35 0.07	26.95 -0.18 0.06	27.61 -0.19 0.09	26.13 -0.18 0.09	34.83 -0.32 0.88	27.42 -0.22 0.11	40.31 -0.46 0.07	37.89 -0.41 0.08	39.83 -0.49 0.09	25.13 -0.43 2.80	38.53 -0.78 0.49	40.13 -0.78 0.13	42.37 -0.71 0.00	42.47 -0.70 0.15	46.30 -0.68 0.60	37.18 -0.34 0.24	42.68 -0.45 0.00	52.00 -0.55 0.00	61.04 -0.74 0.00	48.13 -0.60 0.00	44.49 -0.64 0.00	38.67 -0.65 0.00	39.56 -0.74 0.00	39.26 -0.57 0.00
BETHPAGE_CC_5 323564	33.05 1.04 -0.11	28.22 0.94 -0.09	28.88 0.82 -0.16	27.22 0.68 -0.15	38.28 0.75 -1.50	28.52 0.58 -0.18	39.77 0.32 1.39	15.84 0.38 22.91	16.23 0.66 24.85	17.14 0.67 11.89	35.67 1.16 5.29	42.46 1.20 -0.22	42.99 1.07 1.15	27.24 1.39 17.47	52.35 1.84 -2.92	47.32 1.91 -7.64	48.08 2.24 -2.71	57.98 2.47 -2.95	63.74 2.37 0.41	50.10 1.50 0.13	44.32 0.82 1.64	23.74 0.54 16.12	40.68 0.50 0.11	40.58 0.75 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.71 0.37 -0.45	27.36 0.06 -0.11	28.22 0.15 -0.17	26.69 0.21 -0.08	37.48 0.68 -0.77	28.63 0.61 -0.27	42.84 0.51 -1.49	40.29 0.44 -1.47	43.05 0.89 -1.74	29.71 0.77 -0.58	42.45 1.28 -1.37	43.69 1.34 -1.30	45.63 1.24 -1.31	45.77 1.14 -1.31	50.48 1.38 -1.51	38.63 0.41 -0.46	44.34 0.28 -0.93	54.50 -0.16 -2.10	65.01 0.02 -3.21	51.33 0.28 -2.32	47.62 0.46 -2.02	41.20 0.64 -1.24	43.46 1.61 -1.55	42.50 1.49 -1.19
BINGHAMTON___COGEN 23790	32.59 0.11 -0.58	27.40 0.07 -0.15	28.19 0.07 -0.22	26.62 0.12 -0.11	37.22 0.19 -1.00	28.28 0.17 -0.35	43.00 0.23 -1.94	40.51 0.21 -1.91	42.97 0.28 -2.27	29.32 0.21 -0.76	41.84 0.27 -1.78	42.94 0.20 -1.69	44.93 0.15 -1.71	45.17 0.15 -1.71	49.84 0.29 -1.96	38.46 0.10 -0.60	44.54 0.25 -1.15	55.70 0.60 -2.54	66.29 0.61 -3.89	51.96 0.41 -2.82	47.89 0.30 -2.45	41.03 0.21 -1.51	42.48 0.31 -1.88	41.52 0.25 -1.44

BIXINCNT_115KV_LOAD 355685	32.59 0.24 -0.45	27.31 0.01 -0.11	28.20 0.13 -0.17	26.64 0.16 -0.08	37.48 0.67 -0.78	28.59 0.56 -0.27	42.97 0.62 -1.51	40.34 0.47 -1.49	43.06 0.87 -1.77	29.70 0.75 -0.59	42.49 1.30 -1.39	43.60 1.24 -1.32	45.45 1.04 -1.33	45.48 0.83 -1.33	50.15 1.02 -1.53	38.33 0.10 -0.47	44.15 0.07 -0.94	54.57 -0.11 -2.12	65.28 0.25 -3.25	51.47 0.39 -2.35	47.64 0.45 -2.04	41.17 0.59 -1.25	43.33 1.47 -1.57	42.35 1.32 -1.20
BLACK RIVER___HYD 24047	34.50 1.78 -0.82	28.81 1.42 -0.21	29.67 1.46 -0.31	27.91 1.36 -0.15	39.25 1.81 -1.41	29.72 1.47 -0.50	46.14 2.56 -2.74	43.44 2.36 -2.70	45.88 2.26 -3.21	30.58 1.15 -1.07	43.73 1.42 -2.51	44.80 1.37 -2.39	46.63 1.15 -2.41	46.11 0.38 -2.41	50.63 0.27 -2.77	38.49 -0.11 -0.85	44.52 -0.27 -1.66	56.93 0.74 -3.63	69.78 2.44 -5.56	55.21 2.46 -4.02	50.62 1.98 -3.50	43.01 1.55 -2.15	44.54 1.56 -2.68	43.55 1.66 -2.06
BLACKRVR_115KV_TB2 79977	34.50 1.78 -0.82	28.81 1.42 -0.21	29.67 1.46 -0.31	27.91 1.36 -0.15	39.26 1.81 -1.41	29.72 1.47 -0.50	46.14 2.57 -2.74	43.44 2.36 -2.70	45.88 2.26 -3.21	30.58 1.15 -1.07	43.73 1.42 -2.51	44.80 1.37 -2.39	46.63 1.15 -2.41	46.11 0.38 -2.41	50.63 0.27 -2.77	38.49 -0.11 -0.85	44.51 -0.27 -1.66	56.92 0.74 -3.63	69.78 2.44 -5.56	55.21 2.46 -4.02	50.62 1.99 -3.50	43.02 1.55 -2.15	44.54 1.56 -2.68	43.55 1.66 -2.06
BLDWN_LI_69_KV_BK4 356085	33.33 1.32 -0.11	28.44 1.16 -0.09	29.08 1.03 -0.16	27.42 0.88 -0.15	38.56 1.03 -1.50	28.74 0.80 -0.18	40.38 0.70 1.16	19.56 0.74 19.56	20.15 1.01 21.28	19.85 0.94 9.45	51.31 1.53 -9.99	42.88 1.61 -0.22	44.13 1.57 0.51	39.73 2.00 5.59	61.14 2.53 -11.03	61.74 2.41 -21.56	57.89 2.77 -11.99	70.28 3.27 -14.44	64.86 3.09 0.00	50.87 2.14 0.00	45.82 1.40 0.72	31.71 1.06 8.67	41.18 0.95 0.07	40.99 1.16 0.00
BLISS_WT_PWR 323608	32.55 0.20 -0.45	27.27 -0.03 -0.11	28.17 0.10 -0.17	26.61 0.13 -0.08	37.45 0.64 -0.78	28.55 0.52 -0.27	42.92 0.58 -1.51	40.28 0.41 -1.49	43.02 0.82 -1.77	29.68 0.73 -0.59	42.47 1.28 -1.39	43.58 1.21 -1.32	45.42 1.01 -1.33	45.43 0.78 -1.33	50.05 0.93 -1.53	38.24 0.01 -0.47	44.09 0.02 -0.94	54.61 -0.07 -2.12	65.32 0.29 -3.25	51.44 0.37 -2.35	47.64 0.46 -2.04	41.18 0.60 -1.25	43.33 1.47 -1.57	42.35 1.32 -1.20
BLUESTONE___WT_PWR 323821	33.72 1.32 -0.50	28.36 1.05 -0.13	29.17 1.08 -0.19	27.54 1.05 -0.09	38.28 1.39 -0.87	29.29 1.23 -0.30	44.49 1.98 -1.68	41.85 1.81 -1.66	44.05 1.67 -1.96	30.24 1.23 -0.66	42.76 1.42 -1.54	43.86 1.35 -1.46	45.68 1.13 -1.48	46.14 1.34 -1.48	50.64 1.35 -1.70	39.06 0.79 -0.52	45.28 1.15 -0.99	56.86 2.11 -2.19	68.33 3.19 -3.36	53.88 2.72 -2.43	49.68 2.42 -2.12	42.56 1.94 -1.30	43.87 1.95 -1.62	42.85 1.78 -1.24
BLUE_CIRC_CHEM_DRP 24182	31.92 0.06 0.04	27.33 0.18 0.04	28.03 0.19 0.06	26.55 0.21 0.06	35.68 0.23 0.57	27.85 0.16 0.07	41.33 0.53 0.04	40.45 2.13 0.05	42.23 1.86 0.06	26.76 0.08 1.68	38.88 -0.62 0.29	40.95 -0.02 0.08	43.39 0.31 0.00	42.90 -0.32 0.09	46.93 -0.29 0.37	38.15 0.54 0.15	32.12 -0.28 10.73	51.03 -0.08 1.45	61.71 -0.07 0.00	48.58 -0.15 0.00	44.97 -0.17 0.00	39.10 -0.22 0.00	40.03 -0.27 0.00	39.76 -0.07 0.00
BOC_GAS_DRP 24189	31.82 -0.04 0.04	27.22 0.07 0.03	27.92 0.08 0.06	26.44 0.09 0.06	35.52 0.05 0.56	27.69 0.00 0.07	40.71 -0.08 0.04	38.23 -0.10 0.05	40.20 -0.16 0.06	26.44 -0.15 1.76	39.18 -0.31 0.31	40.65 -0.32 0.08	42.83 -0.25 0.00	43.03 -0.20 0.09	47.06 -0.15 0.38	37.65 0.04 0.15	44.50 0.02 -1.35	52.74 0.00 -0.18	61.65 -0.13 0.00	48.59 -0.14 0.00	44.93 -0.21 0.00	39.06 -0.26 0.00	39.99 -0.30 0.00	39.67 -0.16 0.00
BOONVILLE_115KV_TB1 79983	33.23 1.04 -0.29	28.09 0.83 -0.07	28.84 0.84 -0.11	27.24 0.79 -0.05	37.61 1.09 -0.50	28.81 0.88 -0.18	43.30 1.49 -0.97	40.70 1.36 -0.96	42.89 1.33 -1.14	29.55 0.81 -0.38	41.74 1.05 -0.89	42.88 0.99 -0.85	44.88 0.95 -0.86	44.83 0.65 -0.86	49.20 0.63 -0.99	38.47 0.41 -0.30	44.11 0.40 -0.59	54.86 1.02 -1.28	65.47 1.73 -1.97	51.74 1.59 -1.42	47.66 1.29 -1.24	41.10 1.03 -0.76	42.25 1.00 -0.95	41.56 1.00 -0.73
BORALEX_4TH_BRANCH 23824	31.97 0.30 0.23	27.39 0.39 0.19	27.95 0.37 0.32	26.45 0.36 0.30	33.44 0.44 3.03	27.76 0.37 0.37	41.14 0.53 0.23	38.49 0.40 0.29	40.39 0.28 0.31	18.88 0.14 9.61	38.17 0.05 1.68	40.68 0.08 0.45	43.27 0.19 0.00	43.02 0.22 0.52	45.79 0.29 2.08	37.29 0.35 0.82	43.58 0.45 0.00	53.02 0.46 0.00	62.41 0.63 0.00	49.22 0.49 0.00	45.70 0.57 0.00	39.77 0.45 0.00	40.69 0.39 0.00	40.35 0.52 0.00
BOWLINE___1 23526	32.94 0.93 -0.11	28.12 0.84 -0.09	28.80 0.75 -0.15	27.17 0.63 -0.14	38.19 0.73 -1.44	28.55 0.62 -0.18	41.77 0.83 -0.11	39.32 0.81 -0.14	41.43 0.86 -0.15	33.70 0.77 -4.57	41.71 1.12 -0.80	42.41 1.15 -0.21	44.41 1.34 0.00	45.13 1.56 -0.25	50.49 1.92 -0.99	39.96 1.81 -0.39	45.24 2.12 0.00	55.13 2.57 0.00	64.57 2.79 0.00	50.60 1.87 0.00	46.39 1.25 0.00	40.24 0.92 0.00	41.14 0.84 0.00	40.82 1.00 0.00
BOWLINE___2 23595	32.93 0.92 -0.11	28.11 0.84 -0.09	28.79 0.74 -0.15	27.16 0.62 -0.14	38.18 0.71 -1.44	28.54 0.61 -0.18	41.76 0.82 -0.11	39.32 0.80 -0.14	41.42 0.85 -0.15	33.69 0.76 -4.57	41.71 1.11 -0.80	42.40 1.14 -0.21	44.40 1.33 0.00	45.13 1.56 -0.25	50.47 1.89 -0.99	39.94 1.79 -0.39	45.23 2.10 0.00	55.10 2.54 0.00	64.54 2.76 0.00	50.57 1.84 0.00	46.37 1.24 0.00	40.24 0.92 0.00	41.12 0.82 0.00	40.80 0.97 0.00
BRADY___115KV_TB2 356060	32.95 1.05 0.00	27.99 0.80 0.00	28.69 0.80 0.00	27.09 0.69 0.00	37.08 1.05 0.00	28.66 0.91 0.00	42.31 1.48 0.00	39.73 1.35 0.00	41.74 1.32 0.00	29.17 0.81 0.00	41.09 1.29 0.00	42.46 1.42 0.00	44.57 1.50 0.00	44.66 1.34 0.00	48.71 1.13 0.00	38.45 0.70 0.00	43.70 0.57 0.00	53.28 0.72 0.00	63.02 1.24 0.00	49.87 1.14 0.00	46.46 1.32 0.00	40.74 1.43 0.00	41.76 1.46 0.00	41.17 1.34 0.00
BRANSCOMB___SOLAR 323811	32.53 0.74 0.11	27.81 0.72 0.09	28.49 0.75 0.15	26.97 0.72 0.14	35.53 0.95 1.44	28.31 0.73 0.18	41.88 1.15 0.11	39.24 1.00 0.14	41.13 0.86 0.15	24.24 0.46 4.58	39.45 0.46 0.80	41.37 0.54 0.21	43.76 0.68 0.00	43.71 0.63 0.25	47.42 0.83 0.99	38.00 0.63 0.39	44.09 0.96 0.00	53.87 1.31 0.00	63.50 1.73 0.00	50.11 1.38 0.00	46.32 1.19 0.00	40.26 0.94 0.00	41.15 0.85 0.00	40.73 0.90 0.00
BRDGHMPT_69_KV_BK1 55812	32.53 0.52 -0.11	27.82 0.54 -0.09	28.40 0.34 -0.16	26.78 0.23 -0.15	37.74 0.21 -1.50	28.38 0.44 -0.18	39.55 0.38 1.67	12.12 0.67 26.94	12.66 1.39 29.15	14.79 1.26 14.82	29.42 1.97 12.34	43.26 1.99 -0.22	43.49 1.88 1.47	22.51 2.32 23.14	50.38 2.81 0.02	43.24 2.68 -2.80	45.39 3.22 0.96	55.18 3.66 1.03	64.42 3.20 0.56	50.38 1.82 0.18	43.87 0.80 2.07	19.67 0.52 20.17	40.91 0.75 0.14	40.88 1.05 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	33.26 1.25 -0.11	28.41 1.13 -0.09	29.03 0.97 -0.16	27.35 0.80 -0.15	38.42 0.89 -1.50	28.69 0.74 -0.18	39.75 0.55 1.64	12.59 0.66 26.45	12.73 0.93 28.63	14.79 0.90 14.46	29.76 1.54 11.58	42.78 1.51 -0.22	42.94 1.31 1.43	22.41 1.67 22.58	50.03 2.17 -0.27	43.24 2.19 -3.29	45.16 2.61 0.59	55.00 3.07 0.63	64.13 2.89 0.54	50.34 1.78 0.17	44.18 1.07 2.03	20.33 0.78 19.76	40.94 0.78 0.14	40.89 1.06 0.00
BRISTLHL_115KV_TB1 79998	32.38 -0.20 -0.68	27.14 -0.22 -0.17	27.93 -0.22 -0.26	26.33 -0.19 -0.13	36.98 -0.23 -1.18	28.06 -0.12 -0.42	42.94 -0.18 -2.28	40.50 -0.13 -2.25	42.99 -0.10 -2.67	29.18 -0.07 -0.89	41.78 -0.11 -2.10	42.86 -0.17 -1.99	44.91 -0.17 -2.01	45.04 -0.29 -2.01	49.57 -0.33 -2.31	38.08 -0.39 -0.70	44.16 -0.35 -1.38	55.40 -0.17 -3.01	66.43 0.04 -4.61	52.09 0.03 -3.33	47.98 -0.06 -2.91	40.98 -0.12 -1.78	42.42 -0.10 -2.22	41.38 -0.16 -1.71
BROOKHAVEN___DRP 24191	32.70 0.69 -0.11	27.97 0.69 -0.09	28.55 0.50 -0.16	26.92 0.37 -0.15	37.82 0.29 -1.50	28.25 0.31 -0.18	39.07 -0.10 1.67	11.59 0.17 26.96	11.75 0.50 29.17	14.09 0.57 14.84	28.41 0.99 12.37	42.19 0.93 -0.22	42.37 0.77 1.47	21.34 1.17 23.15	49.05 1.49 0.03	42.19 1.64 -2.79	44.21 2.05 0.97	53.86 2.35 1.04	63.20 1.98 0.56	49.61 1.05 0.18	43.42 0.35 2.07	19.35 0.20 20.18	40.38 0.22 0.14	40.33 0.50 0.00
BROOKLYN_NAVY_YARD 23515	33.32 1.31 -0.11	28.44 1.16 -0.09	29.11 1.05 -0.16	27.45 0.90 -0.15	38.57 1.04 -1.50	28.83 0.89 -0.18	42.18 1.23 -0.12	39.74 1.22 -0.14	41.90 1.33 -0.16	34.33 1.20 -4.77	52.72 1.66 -11.27	42.91 1.65 -0.22	44.92 1.85 0.00	45.68 2.11 -0.26	51.11 2.49 -1.03	40.70 2.38 -0.56	47.38 2.75 -1.49	56.89 3.25 -1.08	65.43 3.45 -0.21	51.16 2.36 -0.07	47.04 1.67 -0.24	41.06 1.36 -0.38	41.63 1.33 0.00	41.29 1.46 0.00
BROOKLYN___ARMY_DRP 323595	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.55 2.38 -0.41	45.87 2.74 0.00	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
BROOME_2_LFGE 323671	32.59 0.11 -0.58	27.40 0.07 -0.15	28.19 0.07 -0.22	26.62 0.12 -0.11	37.22 0.19 -1.00	28.28 0.17 -0.35	42.99 0.22 -1.94	40.50 0.21 -1.91	42.97 0.29 -2.27	29.32 0.21 -0.76	41.84 0.27 -1.78	42.94 0.21 -1.69	44.93 0.15 -1.71	45.18 0.15 -1.71	49.84 0.29 -1.96	38.45 0.09 -0.60	44.54 0.25 -1.15	55.72 0.62 -2.54	66.29 0.62 -3.89	51.96 0.41 -2.82	47.89 0.30 -2.45	41.03 0.21 -1.51	42.49 0.31 -1.88	41.51 0.24 -1.44
BROOME___LFGE 323600	32.59 0.11 -0.58	27.40 0.07 -0.15	28.19 0.07 -0.22	26.62 0.12 -0.11	37.22 0.19 -1.00	28.28 0.17 -0.35	42.99 0.22 -1.94	40.50 0.21 -1.91	42.97 0.29 -2.27	29.32 0.21 -0.76	41.84 0.27 -1.78	42.94 0.21 -1.69	44.93 0.15 -1.71	45.18 0.15 -1.71	49.84 0.29 -1.96	38.45 0.09 -0.60	44.54 0.25 -1.15	55.72 0.62 -2.54	66.29 0.62 -3.89	51.96 0.41 -2.82	47.89 0.30 -2.45	41.03 0.21 -1.51	42.49 0.31 -1.88	41.51 0.24 -1.44
BROWNFLS_115KV_TB 3_5 80003	33.45 1.20 -0.35	28.20 0.93 -0.09	28.97 0.94 -0.13	27.30 0.84 -0.07	37.83 1.19 -0.61	28.96 0.99 -0.22	43.73 1.71 -1.19	41.08 1.52 -1.17	43.30 1.49 -1.39	29.67 0.84 -0.46	42.05 1.16 -1.09	43.26 1.18 -1.04	45.26 1.15 -1.05	45.09 0.72 -1.05	49.35 0.56 -1.20	38.30 0.18 -0.37	43.73 -0.12 -0.72	54.34 0.21 -1.57	65.14 0.96 -2.41	51.57 1.09 -1.74	47.70 1.05 -1.52	41.36 1.11 -0.93	42.64 1.18 -1.16	41.91 1.19 -0.89
BROWNSV1_27_KV_LOAD 356125	33.78 1.77 -0.11	28.81 1.53 -0.09	29.49 1.43 -0.16	27.79 1.25 -0.15	39.05 1.52 -1.50	29.20 1.26 -0.18	42.74 1.79 -0.12	40.30 1.78 -0.14	42.53 1.95 -0.16	34.76 1.63 -4.77	42.94 2.31 -0.83	43.57 2.30 -0.22	45.62 2.55 0.00	46.40 2.82 -0.26	51.91 3.29 -1.03	41.18 3.01 -0.41	46.64 3.51 0.00	56.70 4.14 0.00	66.22 4.44 0.00	51.85 3.12 0.00	47.53 2.39 0.00	41.30 1.98 0.00	42.21 1.91 0.00	41.85 2.02 0.00
BURROWS___LYONSDAL 23803	33.37 1.14 -0.33	28.18 0.91 -0.08	28.94 0.92 -0.13	27.33 0.87 -0.06	37.79 1.19 -0.58	28.91 0.95 -0.20	43.59 1.64 -1.12	40.95 1.48 -1.10	43.16 1.43 -1.30	29.63 0.84 -0.44	41.90 1.08 -1.02	43.03 1.02 -0.97	45.02 0.96 -0.98	44.87 0.57 -0.98	49.22 0.51 -1.13	38.38 0.27 -0.34	43.98 0.18 -0.67	54.88 0.85 -1.47	65.69 1.66 -2.26	51.96 1.60 -1.63	47.83 1.28 -1.42	41.20 1.01 -0.87	42.39 1.00 -1.09	41.69 1.02 -0.84
CAITHNESS_CC_1 323624	32.71 0.69 -0.11	27.98 0.70 -0.09	28.57 0.51 -0.16	26.92 0.38 -0.15	37.83 0.30 -1.50	28.26 0.32 -0.18	39.08 -0.08 1.67	11.56 0.15 26.97	11.69 0.45 29.18	14.06 0.55 14.84	28.35 0.94 12.39	42.17 0.91 -0.22	42.35 0.74 1.47	21.24 1.08 23.17	48.93 1.38 0.04	42.11 1.58 -2.78	44.12 1.97 0.98	53.55 2.04 1.05	63.03 1.82 0.56	49.55 1.00 0.18	43.39 0.33 2.07	19.30 0.16 20.19	40.36 0.20 0.14	40.32 0.49 0.00
CALPINE BETH_PAGE_GT4 24209	33.10 1.09 -0.11	28.26 0.98 -0.09	28.91 0.85 -0.16	27.25 0.70 -0.15	38.31 0.78 -1.50	28.55 0.61 -0.18	39.88 0.30 1.26	17.77 0.39 21.00	18.28 0.67 22.81	18.54 0.68 10.50	38.72 1.16 2.23	42.46 1.19 -0.22	43.13 1.06 1.01	29.81 1.46 14.97	53.72 1.93 -4.20	49.46 1.95 -9.75	49.72 2.27 -4.31	59.94 2.71 -4.67	63.92 2.49 0.35	50.15 1.53 0.11	44.53 0.84 1.45	25.56 0.57 14.33	40.70 0.50 0.10	40.59 0.76 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.10 1.09 -0.11	28.26 0.98 -0.09	28.91 0.85 -0.16	27.25 0.70 -0.15	38.31 0.78 -1.50	28.55 0.61 -0.18	39.90 0.32 1.26	17.75 0.38 21.00	18.26 0.65 22.81	18.54 0.67 10.50	38.71 1.14 2.23	42.44 1.18 -0.22	43.13 1.06 1.01	29.75 1.41 14.97	53.66 1.87 -4.20	49.42 1.92 -9.75	49.69 2.25 -4.31	59.73 2.50 -4.67	63.84 2.41 0.35	50.15 1.54 0.11	44.53 0.84 1.45	25.55 0.55 14.33	40.70 0.50 0.10	40.59 0.76 0.00
CALPINE_BP_GT1 23823	33.10 1.09 -0.11	28.26 0.98 -0.09	28.91 0.85 -0.16	27.25 0.70 -0.15	38.31 0.78 -1.50	28.55 0.61 -0.18	39.90 0.32 1.26	17.75 0.38 21.00	18.26 0.65 22.81	18.54 0.67 10.50	38.71 1.14 2.23	42.44 1.18 -0.22	43.13 1.06 1.01	29.75 1.41 14.97	53.66 1.87 -4.20	49.42 1.92 -9.75	49.69 2.25 -4.31	59.73 2.50 -4.67	63.84 2.41 0.35	50.15 1.54 0.11	44.53 0.84 1.45	25.55 0.55 14.33	40.70 0.50 0.10	40.59 0.76 0.00
CALSPAN___DRP 24200	32.63 0.29 -0.44	27.29 -0.01 -0.11	28.16 0.09 -0.17	26.62 0.15 -0.08	37.39 0.60 -0.77	28.57 0.54 -0.27	42.68 0.36 -1.48	40.14 0.30 -1.46	42.90 0.75 -1.73	29.60 0.66 -0.58	42.26 1.11 -1.36	43.51 1.17 -1.29	45.44 1.07 -1.30	45.58 0.95 -1.31	50.26 1.17 -1.50	38.44 0.22 -0.46	44.10 0.04 -0.93	54.16 -0.48 -2.09	64.64 -0.33 -3.20	51.07 0.03 -2.31	47.42 0.28 -2.01	41.05 0.49 -1.24	43.34 1.50 -1.54	42.41 1.40 -1.18

CALVERTON___SOLAR 323806	32.68 0.67 -0.11	27.93 0.66 -0.09	28.52 0.46 -0.16	26.88 0.33 -0.15	37.80 0.27 -1.50	28.29 0.35 -0.18	39.23 0.06 1.67	11.73 0.30 26.94	11.99 0.72 29.15	14.27 0.74 14.83	28.61 1.17 12.35	42.39 1.12 -0.22	42.47 0.86 1.47	21.36 1.19 23.14	49.08 1.52 0.02	42.25 1.70 -2.79	44.31 2.15 0.97	53.79 2.27 1.04	63.27 2.05 0.56	49.70 1.15 0.18	43.49 0.42 2.07	19.38 0.23 20.17	40.44 0.28 0.14	40.39 0.57 0.00
CANDIGU_WT_PWR 323617	32.20 -0.24 -0.55	27.04 -0.29 -0.14	27.82 -0.29 -0.21	26.25 -0.25 -0.10	36.98 0.00 -0.95	28.18 0.09 -0.33	42.69 0.01 -1.84	40.18 -0.01 -1.82	42.75 0.17 -2.16	29.15 0.07 -0.72	41.36 -0.13 -1.69	42.54 -0.11 -1.61	44.31 -0.38 -1.62	44.69 -0.26 -1.63	49.25 -0.20 -1.87	37.81 -0.52 -0.57	43.45 -0.77 -1.09	54.48 -0.50 -2.42	65.25 -0.24 -3.71	51.54 0.13 -2.68	47.62 0.15 -2.34	40.95 0.20 -1.43	42.79 0.71 -1.79	41.79 0.59 -1.37
CARR STREET_E_SYR 24060	32.36 -0.33 -0.79	27.06 -0.33 -0.20	27.87 -0.33 -0.30	26.25 -0.30 -0.15	37.02 -0.37 -1.36	27.99 -0.25 -0.48	43.13 -0.34 -2.64	40.70 -0.28 -2.60	43.25 -0.26 -3.09	29.21 -0.18 -1.03	41.96 -0.26 -2.42	43.05 -0.30 -2.30	45.04 -0.36 -2.32	45.21 -0.43 -2.32	49.83 -0.43 -2.67	38.15 -0.43 -0.81	44.33 -0.38 -1.59	55.77 -0.26 -3.48	66.88 -0.22 -5.32	52.38 -0.21 -3.85	48.22 -0.27 -3.35	41.07 -0.31 -2.06	42.60 -0.27 -2.57	41.47 -0.32 -1.97
CARTHAGE___PAPER 23857	34.37 1.77 -0.70	28.77 1.41 -0.18	29.60 1.44 -0.27	27.86 1.33 -0.13	39.04 1.81 -1.21	29.65 1.47 -0.43	45.71 2.54 -2.34	42.99 2.31 -2.31	45.38 2.22 -2.73	30.47 1.19 -0.92	43.45 1.51 -2.15	44.50 1.42 -2.04	46.37 1.24 -2.06	45.89 0.51 -2.06	50.33 0.38 -2.37	38.56 0.08 -0.72	44.38 -0.16 -1.41	56.45 0.79 -3.10	68.84 2.32 -4.75	54.50 2.34 -3.43	50.05 1.92 -2.99	42.73 1.58 -1.83	44.17 1.58 -2.29	43.25 1.67 -1.76
CASSADAGA_WT_PWR 323784	32.85 0.50 -0.45	27.54 0.24 -0.11	28.41 0.34 -0.17	26.85 0.37 -0.08	37.64 0.84 -0.77	28.92 0.89 -0.27	43.61 1.27 -1.50	41.18 1.32 -1.48	44.00 1.83 -1.76	30.28 1.33 -0.59	43.18 2.00 -1.38	44.44 2.09 -1.31	46.29 1.89 -1.32	46.20 1.56 -1.32	50.95 1.84 -1.52	38.90 0.68 -0.46	44.79 0.73 -0.94	55.49 0.82 -2.11	66.23 1.23 -3.23	52.12 1.05 -2.33	48.08 0.92 -2.03	41.52 0.95 -1.25	43.71 1.85 -1.56	42.76 1.74 -1.19
CE_DUNWOOD___DRP 24194	33.12 1.11 -0.11	28.27 0.99 -0.09	28.96 0.90 -0.16	27.31 0.77 -0.15	38.43 0.91 -1.50	28.69 0.75 -0.18	41.97 1.02 -0.11	39.54 1.02 -0.14	41.68 1.10 -0.16	34.08 0.96 -4.76	42.02 1.40 -0.83	42.67 1.41 -0.22	44.66 1.59 0.00	45.40 1.82 -0.26	50.79 2.17 -1.03	40.23 2.06 -0.41	45.54 2.41 0.00	55.47 2.91 0.00	64.86 3.09 0.00	50.81 2.08 0.00	46.60 1.46 0.00	40.46 1.14 0.00	41.35 1.05 0.00	41.03 1.20 0.00
CE_MILLWOOD___DRP 24193	33.04 1.03 -0.11	28.20 0.93 -0.09	28.90 0.84 -0.16	27.26 0.71 -0.15	38.36 0.83 -1.50	28.64 0.70 -0.18	41.89 0.94 -0.11	39.45 0.93 -0.14	41.57 0.99 -0.15	33.98 0.88 -4.75	41.90 1.28 -0.83	42.56 1.29 -0.22	44.55 1.48 0.00	45.27 1.69 -0.26	50.64 2.03 -1.03	40.09 1.93 -0.41	45.41 2.28 0.00	55.31 2.75 0.00	64.72 2.94 0.00	50.70 1.97 0.00	46.51 1.37 0.00	40.37 1.05 0.00	41.27 0.97 0.00	40.94 1.12 0.00
CE_NYC2_DRP 24202	33.27 1.26 -0.11	28.43 1.15 -0.09	29.10 1.05 -0.16	27.43 0.89 -0.15	38.55 1.02 -1.50	28.82 0.88 -0.18	42.16 1.21 -0.12	39.72 1.20 -0.14	41.89 1.32 -0.16	34.32 1.19 -4.77	42.31 1.68 -0.83	42.88 1.61 -0.22	44.85 1.78 0.00	45.62 2.04 -0.26	51.01 2.39 -1.03	40.49 2.33 -0.41	45.85 2.72 0.00	55.68 3.13 0.00	65.00 3.23 0.00	50.89 2.16 0.00	46.65 1.51 0.00	40.57 1.25 0.00	41.47 1.17 0.00	41.17 1.34 0.00
CE_NYC_DRP 24195	33.47 1.46 -0.11	28.55 1.27 -0.09	29.23 1.17 -0.16	27.55 1.01 -0.15	38.75 1.22 -1.50	28.96 1.02 -0.18	42.36 1.41 -0.12	39.91 1.39 -0.14	42.12 1.55 -0.16	34.46 1.33 -4.77	42.52 1.89 -0.83	43.15 1.88 -0.22	45.17 2.09 0.00	45.92 2.34 -0.26	51.39 2.77 -1.03	40.75 2.58 -0.41	46.13 3.00 0.00	56.06 3.51 0.00	65.53 3.75 0.00	51.30 2.57 0.00	47.02 1.89 0.00	40.87 1.55 0.00	41.77 1.47 0.00	41.43 1.60 0.00
CHAFFEE___LFGE 323603	32.70 0.35 -0.45	27.34 0.04 -0.11	28.20 0.13 -0.17	26.67 0.20 -0.08	37.49 0.69 -0.77	28.63 0.61 -0.27	42.83 0.50 -1.50	40.33 0.48 -1.48	43.12 0.95 -1.75	29.73 0.79 -0.59	42.43 1.26 -1.38	43.68 1.33 -1.31	45.62 1.23 -1.32	45.78 1.14 -1.32	50.47 1.37 -1.52	38.63 0.41 -0.46	44.34 0.27 -0.94	54.58 -0.08 -2.10	65.08 0.08 -3.22	51.36 0.30 -2.33	47.66 0.50 -2.03	41.24 0.68 -1.25	43.49 1.64 -1.55	42.52 1.50 -1.19
CHATEAUG_35_KV_LOAD 355732	32.51 0.61 0.00	27.59 0.41 0.00	28.27 0.37 0.00	26.61 0.21 0.00	36.34 0.32 0.00	28.16 0.40 0.00	41.54 0.71 0.00	38.87 0.49 0.00	40.78 0.36 0.00	28.69 0.33 0.00	40.40 0.61 0.00	41.56 0.52 0.00	43.70 0.63 0.00	43.74 0.42 0.00	47.65 0.06 0.00	37.88 0.12 0.00	42.94 -0.19 0.00	52.13 -0.42 0.00	61.75 -0.03 0.00	49.06 0.33 0.00	46.00 0.86 0.00	40.25 0.93 0.00	41.42 1.12 0.00	40.90 1.07 0.00
CHATEAUG_WT_PWR 323614	32.45 0.55 0.00	27.55 0.36 0.00	28.22 0.33 0.00	26.57 0.17 0.00	36.27 0.24 0.00	28.08 0.32 0.00	41.41 0.58 0.00	38.73 0.35 0.00	40.70 0.28 0.00	28.66 0.30 0.00	40.35 0.55 0.00	41.49 0.45 0.00	43.63 0.55 0.00	43.67 0.35 0.00	47.49 -0.09 0.00	37.80 0.04 0.00	42.87 -0.26 0.00	52.07 -0.49 0.00	61.55 -0.23 0.00	48.87 0.14 0.00	45.82 0.69 0.00	40.09 0.77 0.00	41.33 1.03 0.00	40.80 0.97 0.00
CHAT_HIGH_FALL_HYD 323578	32.51 0.61 0.00	27.59 0.41 0.00	28.27 0.37 0.00	26.61 0.21 0.00	36.34 0.32 0.00	28.16 0.40 0.00	41.54 0.71 0.00	38.87 0.49 0.00	40.78 0.36 0.00	28.69 0.33 0.00	40.40 0.61 0.00	41.56 0.52 0.00	43.70 0.63 0.00	43.74 0.42 0.00	47.65 0.06 0.00	37.88 0.12 0.00	42.94 -0.19 0.00	52.13 -0.42 0.00	61.75 -0.03 0.00	49.06 0.33 0.00	46.00 0.86 0.00	40.25 0.93 0.00	41.42 1.12 0.00	40.90 1.07 0.00
CHAUTAUQUA___LFGE 323629	32.65 0.30 -0.45	27.34 0.04 -0.11	28.18 0.12 -0.17	26.66 0.18 -0.08	37.37 0.57 -0.77	28.64 0.62 -0.27	42.90 0.58 -1.49	40.36 0.52 -1.47	43.20 1.04 -1.74	29.72 0.78 -0.58	42.39 1.23 -1.37	43.69 1.34 -1.30	45.64 1.26 -1.31	45.60 0.97 -1.31	50.35 1.25 -1.51	38.44 0.22 -0.46	44.36 0.30 -0.93	54.98 0.32 -2.10	65.49 0.50 -3.21	51.56 0.51 -2.32	47.69 0.53 -2.02	41.18 0.62 -1.24	43.35 1.50 -1.55	42.41 1.39 -1.19
CHERRYST_13_KV_LD 356241	33.57 1.56 -0.11	28.63 1.35 -0.09	29.31 1.26 -0.16	27.64 1.10 -0.15	38.86 1.33 -1.50	29.05 1.11 -0.18	42.52 1.57 -0.12	40.07 1.55 -0.14	42.29 1.72 -0.16	34.60 1.47 -4.77	42.71 2.08 -0.83	43.35 2.09 -0.22	45.38 2.30 0.00	46.14 2.56 -0.26	51.63 3.01 -1.03	40.95 2.78 -0.41	46.35 3.22 0.00	56.31 3.75 0.00	65.79 4.01 0.00	51.49 2.76 0.00	47.20 2.06 0.00	41.01 1.69 0.00	41.92 1.62 0.00	41.56 1.73 0.00

CHESTROR_138KV_BK263 355645	32.78 0.78 -0.10	27.98 0.71 -0.08	28.67 0.63 -0.14	27.07 0.54 -0.13	37.98 0.60 -1.35	28.43 0.51 -0.17	41.61 0.67 -0.10	39.17 0.66 -0.13	41.24 0.68 -0.14	33.24 0.60 -4.28	41.39 0.85 -0.75	42.12 0.88 -0.20	44.11 1.04 0.00	44.79 1.24 -0.23	50.04 1.52 -0.93	39.63 1.50 -0.37	44.90 1.77 0.00	54.77 2.21 0.00	64.19 2.41 0.00	50.32 1.59 0.00	46.22 1.09 0.00	40.11 0.79 0.00	41.02 0.73 0.00	40.68 0.85 0.00
CH_MIDHUDSON___DRP 24192	32.90 0.90 -0.11	28.09 0.81 -0.09	28.80 0.75 -0.15	27.19 0.65 -0.14	38.22 0.75 -1.44	28.55 0.61 -0.18	41.79 0.84 -0.11	39.35 0.83 -0.14	41.43 0.86 -0.15	33.68 0.73 -4.59	41.63 1.03 -0.80	42.32 1.06 -0.21	44.32 1.25 0.00	45.02 1.45 -0.25	50.32 1.74 -0.99	39.83 1.68 -0.39	45.16 2.03 0.00	55.05 2.49 0.00	64.47 2.69 0.00	50.57 1.84 0.00	46.47 1.33 0.00	40.31 0.99 0.00	41.24 0.94 0.00	40.88 1.05 0.00
CH_MISC_IPPS 23765	33.13 1.12 -0.11	28.26 0.99 -0.09	28.97 0.92 -0.15	27.34 0.81 -0.14	38.41 0.97 -1.41	28.72 0.79 -0.17	42.07 1.13 -0.11	39.62 1.11 -0.13	41.71 1.14 -0.15	33.78 0.94 -4.48	41.89 1.32 -0.78	42.61 1.36 -0.21	44.64 1.57 0.00	45.35 1.79 -0.24	50.71 2.15 -0.97	40.15 2.01 -0.38	45.55 2.42 0.00	55.53 2.97 0.00	65.03 3.26 0.00	51.01 2.28 0.00	46.84 1.71 0.00	40.62 1.30 0.00	41.55 1.25 0.00	41.16 1.33 0.00
CH_RES_BVR_FALLS 23983	32.00 0.10 0.00	27.25 0.07 0.00	27.96 0.06 0.00	26.43 0.04 0.00	36.04 0.02 0.00	27.77 0.01 0.00	40.90 0.06 0.00	38.48 0.10 0.00	40.50 0.08 0.00	28.39 0.03 0.00	39.88 0.08 0.00	41.17 0.13 0.00	43.19 0.12 0.00	43.34 0.02 0.00	47.53 -0.06 0.00	37.62 -0.14 0.00	42.93 -0.20 0.00	52.25 -0.30 0.00	61.48 -0.30 0.00	48.59 -0.14 0.00	45.05 -0.09 0.00	39.30 -0.02 0.00	40.26 -0.03 0.00	39.76 -0.07 0.00
CH_RES_NIAGARA 23895	32.14 -0.19 -0.43	26.87 -0.42 -0.11	27.74 -0.32 -0.16	26.24 -0.23 -0.08	36.85 0.08 -0.74	28.14 0.13 -0.26	41.87 -0.39 -1.43	39.33 -0.46 -1.41	41.92 -0.17 -1.67	28.92 0.00 -0.56	41.36 0.25 -1.31	42.60 0.31 -1.24	44.47 0.14 -1.26	44.61 0.03 -1.26	49.16 0.13 -1.45	37.56 -0.64 -0.44	42.98 -1.05 -0.90	52.14 -2.45 -2.04	62.13 -2.76 -3.12	49.18 -1.81 -2.26	45.85 -1.25 -1.96	39.97 -0.55 -1.21	42.46 0.66 -1.50	41.80 0.82 -1.15
CH_RES_SYRACUSE 23985	32.97 -0.07 -1.15	27.38 -0.10 -0.29	28.23 -0.10 -0.44	26.54 -0.07 -0.22	37.93 -0.08 -1.98	28.44 -0.01 -0.69	44.69 0.02 -3.83	42.20 0.04 -3.78	44.99 0.08 -4.49	29.90 0.04 -1.50	43.35 0.03 -3.52	44.40 0.01 -3.35	46.39 -0.06 -3.38	46.58 -0.12 -3.38	51.37 -0.10 -3.88	38.75 -0.19 -1.18	45.31 -0.10 -2.29	57.70 0.16 -4.98	69.75 0.33 -7.63	54.51 0.26 -5.52	50.12 0.17 -4.81	42.32 0.05 -2.95	44.08 0.10 -3.68	42.67 0.02 -2.83
CLINTON_WT_PWR 323605	32.45 0.55 0.00	27.55 0.36 0.00	28.22 0.33 0.00	26.57 0.17 0.00	36.27 0.24 0.00	28.08 0.32 0.00	41.41 0.58 0.00	38.73 0.35 0.00	40.70 0.28 0.00	28.66 0.30 0.00	40.35 0.55 0.00	41.49 0.45 0.00	43.63 0.55 0.00	43.67 0.35 0.00	47.49 -0.09 0.00	37.80 0.04 0.00	42.87 -0.26 0.00	52.07 -0.49 0.00	61.55 -0.23 0.00	48.87 0.14 0.00	45.82 0.69 0.00	40.09 0.77 0.00	41.33 1.03 0.00	40.80 0.97 0.00
CLINTON___LFGE 323618	32.85 0.95 0.00	27.89 0.70 0.00	28.57 0.68 0.00	26.88 0.49 0.00	36.65 0.62 0.00	28.36 0.60 0.00	41.85 1.01 0.00	39.06 0.68 0.00	40.95 0.53 0.00	28.87 0.51 0.00	40.64 0.84 0.00	41.77 0.72 0.00	43.92 0.84 0.00	43.91 0.59 0.00	47.53 -0.06 0.00	37.90 0.14 0.00	42.93 -0.20 0.00	52.22 -0.34 0.00	61.98 0.21 0.00	49.30 0.57 0.00	46.30 1.17 0.00	40.52 1.20 0.00	41.91 1.61 0.00	41.33 1.51 0.00
COBBLENY_34_KV_TB1 80064	32.70 0.35 -0.45	27.34 0.05 -0.11	28.20 0.13 -0.17	26.67 0.20 -0.08	37.49 0.69 -0.77	28.64 0.61 -0.27	42.86 0.52 -1.50	40.33 0.47 -1.48	43.10 0.93 -1.75	29.73 0.79 -0.59	42.43 1.27 -1.38	43.68 1.33 -1.31	45.62 1.23 -1.32	45.78 1.14 -1.32	50.47 1.36 -1.52	38.63 0.41 -0.46	44.32 0.25 -0.94	54.48 -0.18 -2.10	65.03 0.03 -3.22	51.37 0.31 -2.33	47.66 0.49 -2.03	41.24 0.68 -1.25	43.48 1.63 -1.55	42.52 1.50 -1.19
COFFEEN___115KV_TB3 355620	34.70 1.96 -0.84	28.96 1.56 -0.21	29.83 1.61 -0.32	28.05 1.50 -0.16	39.50 2.02 -1.45	29.90 1.63 -0.51	46.47 2.83 -2.81	43.80 2.65 -2.77	46.25 2.54 -3.29	30.73 1.27 -1.10	43.98 1.60 -2.58	45.04 1.55 -2.45	46.86 1.32 -2.47	46.31 0.52 -2.48	50.87 0.44 -2.85	38.60 -0.02 -0.87	44.66 -0.16 -1.70	57.26 0.98 -3.73	70.37 2.89 -5.71	55.73 2.88 -4.13	51.09 2.36 -3.59	43.37 1.84 -2.20	44.92 1.87 -2.75	43.86 1.93 -2.11
COLDSPRG_115KV_BK1 355956	33.06 0.71 -0.45	27.75 0.45 -0.11	28.60 0.53 -0.17	27.04 0.55 -0.08	37.92 1.11 -0.78	29.08 1.05 -0.27	43.99 1.63 -1.52	41.58 1.70 -1.50	44.30 2.10 -1.78	30.46 1.51 -0.59	43.44 2.25 -1.40	44.62 2.25 -1.33	46.39 1.97 -1.34	46.45 1.79 -1.34	51.33 2.20 -1.54	39.19 0.96 -0.47	45.05 0.97 -0.94	55.69 1.01 -2.12	66.50 1.48 -3.25	52.36 1.28 -2.35	48.32 1.14 -2.05	41.65 1.07 -1.26	43.76 1.89 -1.57	42.74 1.71 -1.20
COLONIE_LFGE___ 323577	32.07 0.30 0.13	27.45 0.37 0.11	28.08 0.36 0.18	26.58 0.36 0.17	34.75 0.43 1.70	27.89 0.34 0.21	41.18 0.48 0.13	38.60 0.38 0.16	40.53 0.28 0.18	23.09 0.13 5.40	38.87 0.02 0.94	40.86 0.06 0.25	43.25 0.18 0.00	43.22 0.19 0.29	46.69 0.27 1.17	37.62 0.33 0.46	43.54 0.41 0.00	53.05 0.50 0.00	62.41 0.63 0.00	49.20 0.47 0.00	45.53 0.40 0.00	39.62 0.30 0.00	40.54 0.24 0.00	40.17 0.34 0.00
COOPERNY_115KV_TB1 80082	32.57 0.59 -0.08	27.81 0.56 -0.07	28.52 0.51 -0.11	26.95 0.45 -0.10	37.57 0.49 -1.05	28.28 0.39 -0.13	41.42 0.51 -0.08	38.98 0.50 -0.10	41.05 0.52 -0.11	32.18 0.48 -3.34	41.05 0.66 -0.58	41.87 0.67 -0.16	43.86 0.79 0.00	44.46 0.96 -0.18	49.50 1.18 -0.73	39.20 1.15 -0.29	44.52 1.39 0.00	54.33 1.78 0.00	63.65 1.87 0.00	49.97 1.24 0.00	45.97 0.83 0.00	39.90 0.58 0.00	40.83 0.53 0.00	40.46 0.63 0.00
COPENHAGEN_WT_PWR 323753	34.35 1.57 -0.88	28.66 1.25 -0.22	29.51 1.28 -0.33	27.76 1.20 -0.17	39.08 1.54 -1.52	29.51 1.22 -0.53	46.00 2.22 -2.94	43.28 2.01 -2.90	45.76 1.90 -3.44	30.43 0.92 -1.15	43.64 1.15 -2.70	44.71 1.11 -2.56	46.54 0.88 -2.58	45.99 0.08 -2.59	50.47 -0.09 -2.97	38.27 -0.39 -0.90	44.35 -0.55 -1.77	56.77 0.32 -3.89	69.60 1.86 -5.97	55.00 1.95 -4.31	50.39 1.50 -3.75	42.77 1.14 -2.31	44.31 1.14 -2.88	43.37 1.34 -2.21
CORNELL_____ 23752	33.24 0.58 -0.76	27.82 0.45 -0.19	28.64 0.46 -0.29	27.00 0.46 -0.14	37.97 0.63 -1.31	28.78 0.57 -0.46	44.29 0.92 -2.53	41.78 0.90 -2.50	44.32 0.93 -2.96	29.99 0.64 -1.00	42.92 0.80 -2.33	43.84 0.59 -2.21	45.66 0.36 -2.23	45.93 0.38 -2.23	50.56 0.40 -2.56	38.67 0.13 -0.78	44.97 0.35 -1.49	56.83 1.01 -3.27	68.35 1.57 -5.01	53.66 1.31 -3.62	49.42 1.13 -3.15	42.11 0.85 -1.93	43.65 0.93 -2.42	42.48 0.80 -1.85

CORONA__69_KV_TB1 355595	33.38 1.37 -0.11	28.49 1.21 -0.09	29.15 1.09 -0.16	27.48 0.94 -0.15	38.65 1.12 -1.50	28.81 0.87 -0.18	41.76 0.85 -0.07	36.99 0.86 2.26	38.57 1.15 3.00	32.65 1.03 -3.26	76.94 1.65 -35.49	43.01 1.75 -0.22	45.09 1.75 -0.27	54.89 2.19 -9.37	73.08 2.69 -22.80	82.63 2.53 -42.33	72.24 2.88 -26.23	86.60 3.40 -30.64	65.64 3.44 -0.43	51.15 2.28 -0.14	47.03 1.55 -0.34	41.14 1.18 -0.64	41.33 1.05 0.01	41.09 1.26 0.00
CORTLAND__115KV_TB3 80093	33.31 0.69 -0.72	27.87 0.50 -0.18	28.66 0.48 -0.28	27.01 0.47 -0.14	37.98 0.70 -1.25	28.81 0.61 -0.44	44.34 1.08 -2.43	41.83 1.05 -2.40	44.33 1.07 -2.84	30.04 0.73 -0.95	42.99 0.96 -2.23	44.08 0.91 -2.12	46.06 0.85 -2.14	46.14 0.68 -2.14	50.76 0.71 -2.46	39.03 0.53 -0.75	45.31 0.73 -1.46	56.99 1.25 -3.19	68.55 1.88 -4.88	53.80 1.54 -3.53	49.50 1.29 -3.07	42.19 0.99 -1.89	43.61 0.96 -2.36	42.51 0.88 -1.81
COXSACKIE__GT 23611	32.58 0.70 0.03	27.85 0.69 0.02	28.56 0.70 0.04	27.05 0.69 0.03	36.67 0.98 0.34	28.49 0.77 0.04	42.08 1.27 0.02	40.13 1.78 0.03	41.94 1.55 0.03	27.86 0.53 1.03	39.44 -0.17 0.18	40.91 -0.09 0.05	43.42 0.35 0.00	43.05 -0.22 0.06	47.40 0.04 0.22	38.43 0.76 0.09	14.73 0.19 28.58	49.60 0.89 3.85	63.43 1.66 0.00	50.21 1.47 0.00	46.42 1.28 0.00	40.26 0.94 0.00	41.10 0.80 0.00	40.76 0.93 0.00
CPV_VALLEY__CC1 323721	32.56 0.56 -0.09	27.81 0.54 -0.08	28.50 0.47 -0.13	26.91 0.39 -0.12	37.67 0.40 -1.24	28.26 0.35 -0.15	41.35 0.42 -0.10	38.92 0.42 -0.12	40.98 0.43 -0.13	32.76 0.45 -3.95	41.11 0.63 -0.69	41.86 0.63 -0.18	43.86 0.78 0.00	44.50 0.97 -0.21	49.65 1.21 -0.85	39.32 1.22 -0.34	44.58 1.45 0.00	54.35 1.79 0.00	63.68 1.90 0.00	49.95 1.22 0.00	45.90 0.77 0.00	39.83 0.51 0.00	40.75 0.45 0.00	40.41 0.58 0.00
CPV_VALLEY__CC2 323722	32.56 0.56 -0.09	27.81 0.54 -0.08	28.50 0.47 -0.13	26.91 0.39 -0.12	37.67 0.40 -1.24	28.26 0.35 -0.15	41.35 0.42 -0.10	38.92 0.42 -0.12	40.98 0.43 -0.13	32.76 0.45 -3.95	41.11 0.63 -0.69	41.86 0.63 -0.18	43.86 0.78 0.00	44.50 0.97 -0.21	49.65 1.21 -0.85	39.32 1.22 -0.34	44.58 1.45 0.00	54.35 1.79 0.00	63.68 1.90 0.00	49.95 1.22 0.00	45.90 0.77 0.00	39.83 0.51 0.00	40.75 0.45 0.00	40.41 0.58 0.00
CRESCENT__HYD 24018	32.07 0.30 0.13	27.45 0.37 0.11	28.08 0.36 0.18	26.58 0.36 0.17	34.75 0.43 1.70	27.89 0.34 0.21	41.18 0.48 0.13	38.60 0.38 0.16	40.53 0.28 0.18	23.09 0.13 5.40	38.87 0.02 0.94	40.86 0.06 0.25	43.25 0.18 0.00	43.22 0.19 0.29	46.69 0.27 1.17	37.62 0.33 0.46	43.54 0.41 0.00	53.05 0.50 0.00	62.41 0.63 0.00	49.20 0.47 0.00	45.53 0.40 0.00	39.62 0.30 0.00	40.54 0.24 0.00	40.17 0.34 0.00
CRICKET__VALLEY_CC1 323756	30.55 0.37 1.72	26.16 0.38 1.41	25.79 0.30 2.41	24.37 0.22 2.25	13.57 0.17 22.62	25.15 0.16 2.77	39.29 0.18 1.73	36.42 0.18 2.14	38.24 0.16 2.34	-43.16 0.25 71.76	27.62 0.34 12.52	38.05 0.35 3.34	43.58 0.51 0.00	40.12 0.66 3.86	32.89 0.83 15.53	32.59 0.96 6.13	44.35 1.22 0.00	54.04 1.48 0.00	63.33 1.55 0.00	49.75 1.02 0.00	45.68 0.55 0.00	39.61 0.30 0.00	40.54 0.24 0.00	40.23 0.40 0.00
CRICKET__VALLEY_CC2 323757	30.55 0.37 1.72	26.16 0.38 1.41	25.79 0.30 2.41	24.37 0.22 2.25	13.57 0.17 22.62	25.15 0.16 2.77	39.29 0.18 1.73	36.42 0.18 2.14	38.24 0.16 2.34	-43.16 0.25 71.76	27.62 0.34 12.52	38.05 0.35 3.34	43.58 0.51 0.00	40.12 0.66 3.86	32.89 0.83 15.53	32.59 0.96 6.13	44.35 1.22 0.00	54.04 1.48 0.00	63.33 1.55 0.00	49.75 1.02 0.00	45.68 0.55 0.00	39.61 0.30 0.00	40.54 0.24 0.00	40.23 0.40 0.00
CRICKET__VALLEY_CC3 323758	30.55 0.37 1.72	26.16 0.38 1.41	25.79 0.30 2.41	24.37 0.22 2.25	13.57 0.17 22.62	25.15 0.16 2.77	39.29 0.18 1.73	36.42 0.18 2.14	38.24 0.16 2.34	-43.16 0.25 71.76	27.62 0.34 12.52	38.05 0.35 3.34	43.58 0.51 0.00	40.12 0.66 3.86	32.89 0.83 15.53	32.59 0.96 6.13	44.35 1.22 0.00	54.04 1.48 0.00	63.33 1.55 0.00	49.75 1.02 0.00	45.68 0.55 0.00	39.61 0.30 0.00	40.54 0.24 0.00	40.23 0.40 0.00
CRUCIBLE__METL_DRP 24180	32.98 -0.07 -1.15	27.38 -0.10 -0.29	28.23 -0.10 -0.44	26.54 -0.07 -0.22	37.93 -0.08 -1.98	28.44 -0.01 -0.69	44.70 0.03 -3.83	42.20 0.04 -3.78	44.99 0.08 -4.49	29.90 0.04 -1.50	43.35 0.03 -3.52	44.40 0.01 -3.35	46.39 -0.06 -3.38	46.58 -0.12 -3.38	51.37 -0.10 -3.88	38.75 -0.19 -1.18	45.31 -0.10 -2.29	57.69 0.15 -4.98	69.74 0.33 -7.63	54.52 0.26 -5.52	50.12 0.17 -4.81	42.32 0.05 -2.95	44.08 0.10 -3.68	42.67 0.02 -2.83
DAHOWA__HYDRO 323763	32.64 0.84 0.10	27.91 0.81 0.09	28.60 0.85 0.15	27.08 0.82 0.14	35.74 1.09 1.38	28.42 0.83 0.17	42.07 1.34 0.11	39.41 1.17 0.13	41.29 1.02 0.14	24.53 0.55 4.38	39.62 0.58 0.76	41.52 0.68 0.20	43.91 0.84 0.00	43.85 0.77 0.24	47.62 0.98 0.95	38.10 0.72 0.37	44.28 1.15 0.00	54.09 1.54 0.00	63.78 2.01 0.00	50.35 1.62 0.00	46.53 1.40 0.00	40.42 1.10 0.00	41.30 1.00 0.00	40.87 1.04 0.00
DANC__LFGE 323619	33.80 0.82 -1.08	28.09 0.62 -0.27	28.95 0.64 -0.41	27.20 0.60 -0.20	38.68 0.78 -1.88	29.05 0.64 -0.66	45.68 1.21 -3.63	43.07 1.11 -3.58	45.71 1.04 -4.25	30.24 0.46 -1.42	43.67 0.55 -3.33	44.71 0.50 -3.16	46.58 0.31 -3.19	46.33 -0.19 -3.20	50.94 -0.32 -3.67	38.38 -0.49 -1.12	44.70 -0.62 -2.19	57.32 -0.04 -4.81	70.08 0.93 -7.37	55.11 1.05 -5.33	50.55 0.77 -4.64	42.74 0.57 -2.85	44.43 0.57 -3.56	43.23 0.67 -2.73
DANSKAMMER__1 23586	33.13 1.12 -0.11	28.26 0.99 -0.09	28.97 0.92 -0.15	27.34 0.81 -0.14	38.41 0.97 -1.41	28.72 0.79 -0.17	42.07 1.13 -0.11	39.62 1.11 -0.13	41.71 1.14 -0.15	33.78 0.94 -4.48	41.89 1.32 -0.78	42.61 1.36 -0.21	44.64 1.57 0.00	45.35 1.79 -0.24	50.71 2.15 -0.97	40.15 2.01 -0.38	45.55 2.42 0.00	55.53 2.97 0.00	65.03 3.26 0.00	51.01 2.28 0.00	46.84 1.71 0.00	40.62 1.30 0.00	41.55 1.25 0.00	41.16 1.33 0.00
DANSKAMMER__2 23589	33.13 1.12 -0.11	28.26 0.99 -0.09	28.97 0.92 -0.15	27.34 0.81 -0.14	38.41 0.97 -1.41	28.72 0.79 -0.17	42.07 1.13 -0.11	39.62 1.11 -0.13	41.71 1.14 -0.15	33.78 0.94 -4.48	41.89 1.32 -0.78	42.61 1.36 -0.21	44.64 1.57 0.00	45.35 1.79 -0.24	50.71 2.15 -0.97	40.15 2.01 -0.38	45.55 2.42 0.00	55.53 2.97 0.00	65.03 3.26 0.00	51.01 2.28 0.00	46.84 1.71 0.00	40.62 1.30 0.00	41.55 1.25 0.00	41.16 1.33 0.00
DANSKAMMER__3 23590	33.13 1.12 -0.11	28.26 0.99 -0.09	28.97 0.92 -0.15	27.34 0.81 -0.14	38.41 0.97 -1.41	28.72 0.79 -0.17	42.07 1.13 -0.11	39.62 1.11 -0.13	41.71 1.14 -0.15	33.78 0.94 -4.48	41.89 1.32 -0.78	42.61 1.36 -0.21	44.64 1.57 0.00	45.35 1.79 -0.24	50.71 2.15 -0.97	40.15 2.01 -0.38	45.55 2.42 0.00	55.53 2.97 0.00	65.03 3.26 0.00	51.01 2.28 0.00	46.84 1.71 0.00	40.62 1.30 0.00	41.55 1.25 0.00	41.16 1.33 0.00

DANSKAMMER___4 23591	33.13 1.12 -0.11	28.26 0.99 -0.09	28.97 0.92 -0.15	27.34 0.81 -0.14	38.41 0.97 -1.41	28.72 0.79 -0.17	42.07 1.13 -0.11	39.62 1.11 -0.13	41.71 1.14 -0.15	33.78 0.94 -4.48	41.89 1.32 -0.78	42.61 1.36 -0.21	44.64 1.57 0.00	45.35 1.79 -0.24	50.71 2.15 -0.97	40.15 2.01 -0.38	45.55 2.42 0.00	55.53 2.97 0.00	65.03 3.26 0.00	51.01 2.28 0.00	46.84 1.71 0.00	40.62 1.30 0.00	41.55 1.25 0.00	41.16 1.33 0.00
DANSKAMMER___DIESEL 23592	33.14 1.13 -0.11	28.26 0.99 -0.09	28.97 0.92 -0.15	27.34 0.81 -0.14	38.41 0.97 -1.41	28.72 0.79 -0.17	42.07 1.12 -0.11	39.62 1.11 -0.13	41.71 1.14 -0.15	33.78 0.93 -4.48	41.89 1.32 -0.78	42.61 1.36 -0.21	44.64 1.57 0.00	45.35 1.79 -0.24	50.71 2.15 -0.97	40.15 2.01 -0.38	45.55 2.42 0.00	55.56 3.00 0.00	65.05 3.27 0.00	51.01 2.28 0.00	46.84 1.71 0.00	40.61 1.29 0.00	41.55 1.25 0.00	41.16 1.33 0.00
DARBY___SOLAR 323810	32.52 0.73 0.11	27.81 0.72 0.09	28.49 0.75 0.15	26.97 0.72 0.14	35.54 0.95 1.44	28.31 0.73 0.18	41.87 1.15 0.11	39.23 0.99 0.14	41.13 0.85 0.15	24.24 0.44 4.57	39.43 0.43 0.80	41.36 0.53 0.21	43.76 0.69 0.00	43.71 0.63 0.25	47.42 0.82 0.99	38.00 0.63 0.39	44.13 1.00 0.00	53.90 1.34 0.00	63.51 1.74 0.00	50.13 1.40 0.00	46.33 1.19 0.00	40.27 0.95 0.00	41.15 0.86 0.00	40.74 0.92 0.00
DASHVILLE___HYD 23610	32.69 0.72 -0.07	27.89 0.65 -0.06	28.59 0.60 -0.10	27.01 0.52 -0.09	37.59 0.66 -0.90	28.32 0.45 -0.11	41.51 0.61 -0.07	39.12 0.65 -0.09	41.17 0.66 -0.09	31.83 0.59 -2.87	41.19 0.90 -0.50	41.99 0.81 -0.13	44.04 0.97 0.00	44.64 1.16 -0.15	49.70 1.49 -0.62	39.49 1.49 -0.24	37.95 1.76 6.94	53.80 2.18 0.93	64.07 2.29 0.00	50.29 1.56 0.00	46.24 1.11 0.00	40.12 0.80 0.00	41.05 0.76 0.00	40.68 0.85 0.00
DELAWARE___LFGE 323621	32.78 0.58 -0.30	27.80 0.54 -0.08	28.58 0.57 -0.11	27.02 0.57 -0.06	37.26 0.71 -0.52	28.42 0.48 -0.18	42.56 0.72 -1.01	40.09 0.72 -0.99	42.32 0.72 -1.18	29.31 0.56 -0.39	41.49 0.77 -0.92	42.68 0.76 -0.88	44.72 0.76 -0.88	45.05 0.85 -0.89	49.62 1.01 -1.02	38.91 0.84 -0.31	44.77 1.04 -0.60	55.34 1.46 -1.32	65.32 1.53 -2.02	51.30 1.11 -1.46	47.37 0.97 -1.27	40.85 0.75 -0.78	42.01 0.74 -0.97	41.32 0.74 -0.75
DERFIELD_115KV_TB7 355931	31.90 0.00 0.00	27.21 0.02 0.00	27.92 0.03 0.00	26.43 0.04 0.00	36.05 0.02 0.00	27.76 0.00 0.00	40.84 0.00 0.00	38.38 0.00 0.00	40.40 -0.03 0.00	28.33 -0.03 0.00	39.72 -0.08 0.00	40.96 -0.08 0.00	42.99 -0.09 0.00	43.24 -0.08 0.00	47.54 -0.05 0.00	37.74 -0.02 0.00	43.14 0.01 0.00	52.65 0.09 0.00	61.86 0.09 0.00	48.78 0.05 0.00	45.14 0.01 0.00	39.29 -0.03 0.00	40.24 -0.05 0.00	39.80 -0.03 0.00
DOGLEVILLE___HYD 23807	32.06 0.17 0.00	27.51 0.32 0.00	28.14 0.24 0.00	26.70 0.31 0.00	36.34 0.32 0.00	27.98 0.22 0.00	41.16 0.32 0.00	38.84 0.46 0.00	40.11 -0.31 0.00	27.57 -0.79 0.00	38.69 -1.10 0.00	39.34 -1.70 0.00	41.35 -1.72 0.00	41.90 -1.42 0.00	45.79 -1.79 0.00	36.35 -1.41 0.00	41.83 -1.30 0.00	52.96 0.41 0.00	62.36 0.59 0.00	49.31 0.58 0.00	45.48 0.35 0.00	39.56 0.24 0.00	40.31 0.01 0.00	39.85 0.03 0.00
DUNKIRK___115KV_TB_200 55889	32.61 0.27 -0.45	27.31 0.01 -0.11	28.15 0.08 -0.17	26.63 0.15 -0.08	37.33 0.53 -0.77	28.60 0.57 -0.27	42.82 0.50 -1.49	40.25 0.41 -1.47	43.07 0.91 -1.74	29.64 0.70 -0.58	42.29 1.13 -1.36	43.58 1.24 -1.30	45.55 1.17 -1.31	45.51 0.88 -1.31	50.26 1.17 -1.51	38.37 0.16 -0.46	44.29 0.23 -0.93	54.82 0.16 -2.09	65.33 0.34 -3.21	51.47 0.42 -2.32	47.61 0.46 -2.02	41.12 0.56 -1.24	43.28 1.43 -1.55	42.35 1.33 -1.19
DUNKIRK___1 23563	32.61 0.27 -0.45	27.31 0.01 -0.11	28.15 0.08 -0.17	26.63 0.15 -0.08	37.33 0.53 -0.77	28.60 0.57 -0.27	42.82 0.50 -1.49	40.25 0.41 -1.47	43.07 0.91 -1.74	29.64 0.70 -0.58	42.29 1.13 -1.36	43.58 1.24 -1.30	45.55 1.17 -1.31	45.51 0.88 -1.31	50.26 1.17 -1.51	38.37 0.16 -0.46	44.29 0.23 -0.93	54.82 0.16 -2.09	65.33 0.34 -3.21	51.47 0.42 -2.32	47.61 0.46 -2.02	41.12 0.56 -1.24	43.28 1.43 -1.55	42.35 1.33 -1.19
DUNKIRK___2 23564	32.61 0.27 -0.45	27.31 0.01 -0.11	28.15 0.08 -0.17	26.63 0.15 -0.08	37.33 0.53 -0.77	28.60 0.57 -0.27	42.82 0.50 -1.49	40.25 0.41 -1.47	43.07 0.91 -1.74	29.64 0.70 -0.58	42.29 1.13 -1.36	43.58 1.24 -1.30	45.55 1.17 -1.31	45.51 0.88 -1.31	50.26 1.17 -1.51	38.37 0.16 -0.46	44.29 0.23 -0.93	54.82 0.16 -2.09	65.33 0.34 -3.21	51.47 0.42 -2.32	47.61 0.46 -2.02	41.12 0.56 -1.24	43.28 1.43 -1.55	42.35 1.33 -1.19
DUNKIRK___3 23565	32.52 0.17 -0.44	27.23 -0.07 -0.11	28.08 0.01 -0.17	26.56 0.08 -0.08	37.24 0.44 -0.77	28.51 0.48 -0.27	42.67 0.35 -1.48	40.10 0.26 -1.46	42.88 0.72 -1.74	29.53 0.59 -0.58	42.13 0.97 -1.36	43.38 1.05 -1.30	45.33 0.95 -1.31	45.36 0.73 -1.31	50.08 0.99 -1.50	38.26 0.04 -0.46	44.09 0.03 -0.93	54.47 -0.18 -2.09	64.92 -0.06 -3.20	51.18 0.13 -2.32	47.37 0.22 -2.02	40.94 0.38 -1.24	43.10 1.26 -1.55	42.18 1.16 -1.19
DUNKIRK___4 23566	32.52 0.17 -0.44	27.23 -0.07 -0.11	28.08 0.01 -0.17	26.56 0.08 -0.08	37.24 0.44 -0.77	28.51 0.48 -0.27	42.67 0.35 -1.48	40.10 0.26 -1.46	42.88 0.72 -1.74	29.53 0.59 -0.58	42.13 0.97 -1.36	43.38 1.05 -1.30	45.33 0.95 -1.31	45.36 0.73 -1.31	50.08 0.99 -1.50	38.26 0.04 -0.46	44.09 0.03 -0.93	54.47 -0.18 -2.09	64.92 -0.06 -3.20	51.18 0.13 -2.32	47.37 0.22 -2.02	40.94 0.38 -1.24	43.10 1.26 -1.55	42.18 1.16 -1.19
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.22 1.21 -0.11	28.36 1.08 -0.09	29.04 0.98 -0.16	27.39 0.85 -0.15	38.54 1.01 -1.50	28.78 0.83 -0.18	42.07 1.12 -0.12	39.64 1.12 -0.14	41.79 1.21 -0.16	34.18 1.05 -4.77	42.16 1.53 -0.83	42.82 1.55 -0.22	44.81 1.74 0.00	45.54 1.96 -0.26	50.94 2.32 -1.03	40.36 2.19 -0.41	45.70 2.57 0.00	55.63 3.07 0.00	65.04 3.27 0.00	50.95 2.22 0.00	46.73 1.59 0.00	40.56 1.24 0.00	41.45 1.16 0.00	41.14 1.31 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.95 0.94 -0.10	28.11 0.84 -0.08	28.80 0.76 -0.14	27.19 0.66 -0.13	38.14 0.77 -1.35	28.55 0.63 -0.16	41.81 0.87 -0.10	39.37 0.87 -0.13	41.46 0.90 -0.14	33.40 0.76 -4.28	41.61 1.07 -0.74	42.33 1.09 -0.20	44.34 1.27 0.00	45.04 1.49 -0.23	50.33 1.81 -0.92	39.86 1.74 -0.36	45.21 2.08 0.00	55.15 2.60 0.00	64.60 2.83 0.00	50.66 1.93 0.00	46.53 1.39 0.00	40.35 1.03 0.00	41.27 0.97 0.00	40.90 1.08 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.24 1.23 -0.11	28.38 1.10 -0.09	29.04 0.98 -0.16	27.36 0.81 -0.15	38.45 0.92 -1.50	28.78 0.84 -0.18	42.12 1.17 -0.12	39.70 1.18 -0.14	41.85 1.28 -0.16	34.26 1.14 -4.77	42.23 1.61 -0.83	42.83 1.57 -0.22	44.81 1.74 0.00	45.57 2.00 -0.26	50.96 2.34 -1.03	40.44 2.27 -0.41	45.82 2.69 0.00	55.62 3.06 0.00	64.90 3.13 0.00	50.88 2.14 0.00	46.64 1.50 0.00	40.58 1.26 0.00	41.51 1.21 0.00	41.20 1.38 0.00

E179THST_13_KV_LOAD 356214	33.41 1.40 -0.11	28.52 1.24 -0.09	29.17 1.12 -0.16	27.48 0.93 -0.15	38.61 1.08 -1.50	28.90 0.96 -0.18	42.34 1.39 -0.12	39.91 1.39 -0.14	42.07 1.49 -0.16	34.42 1.29 -4.77	42.45 1.82 -0.83	43.06 1.79 -0.22	45.07 1.99 0.00	45.84 2.26 -0.26	51.26 2.64 -1.03	40.67 2.50 -0.41	46.07 2.95 0.00	55.94 3.38 0.00	65.27 3.50 0.00	51.16 2.43 0.00	46.90 1.77 0.00	40.80 1.47 0.00	41.73 1.43 0.00	41.43 1.60 0.00
EAST HAMPTON___GT 23717	32.03 0.01 -0.11	27.40 0.12 -0.09	27.98 -0.08 -0.16	26.39 -0.16 -0.15	37.32 -0.22 -1.50	28.23 0.29 -0.18	39.59 0.42 1.67	12.15 0.70 26.94	13.01 1.74 29.15	15.09 1.55 14.82	29.86 2.53 12.34	43.79 2.47 -0.22	44.08 2.47 1.47	23.01 2.82 23.14	50.97 3.41 0.02	43.70 3.14 -2.80	45.86 3.69 0.96	55.42 3.90 1.03	64.59 3.37 0.56	50.39 1.84 0.18	43.63 0.57 2.07	19.46 0.30 20.17	40.95 0.79 0.14	40.99 1.17 0.00
EAST RIVER___6 23660	33.54 1.53 -0.11	28.60 1.32 -0.09	29.27 1.21 -0.16	27.60 1.06 -0.15	38.80 1.27 -1.50	29.01 1.07 -0.18	42.42 1.47 -0.12	39.94 1.42 -0.14	42.19 1.61 -0.16	34.52 1.40 -4.77	42.62 1.99 -0.83	43.26 2.00 -0.22	45.28 2.21 0.00	46.04 2.47 -0.26	51.50 2.88 -1.03	40.86 2.69 -0.41	46.25 3.12 0.00	56.15 3.59 0.00	65.64 3.86 0.00	51.42 2.69 0.00	47.17 2.04 0.00	40.98 1.66 0.00	41.88 1.58 0.00	41.51 1.68 0.00
EAST RIVER___7 23524	33.54 1.53 -0.11	28.60 1.32 -0.09	29.27 1.21 -0.16	27.60 1.06 -0.15	38.80 1.27 -1.50	29.01 1.07 -0.18	42.42 1.47 -0.12	39.94 1.42 -0.14	42.19 1.61 -0.16	34.52 1.40 -4.77	42.62 1.99 -0.83	43.26 2.00 -0.22	45.28 2.21 0.00	46.04 2.47 -0.26	51.50 2.88 -1.03	40.86 2.69 -0.41	46.25 3.12 0.00	56.15 3.59 0.00	65.64 3.86 0.00	51.42 2.69 0.00	47.17 2.04 0.00	40.98 1.66 0.00	41.88 1.58 0.00	41.51 1.68 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.12 1.11 -0.11	28.27 0.99 -0.09	28.96 0.90 -0.16	27.31 0.77 -0.15	38.43 0.91 -1.50	28.69 0.75 -0.18	41.97 1.02 -0.11	39.54 1.02 -0.14	41.68 1.10 -0.16	34.08 0.96 -4.76	42.02 1.40 -0.83	42.67 1.41 -0.22	44.66 1.59 0.00	45.40 1.82 -0.26	50.79 2.17 -1.03	40.23 2.06 -0.41	45.54 2.41 0.00	55.47 2.91 0.00	64.86 3.09 0.00	50.81 2.08 0.00	46.60 1.46 0.00	40.46 1.14 0.00	41.35 1.05 0.00	41.03 1.20 0.00
EAST_HAMPTON___DIESEL 23722	31.91 -0.10 -0.11	27.30 0.03 -0.09	27.89 -0.17 -0.16	26.31 -0.24 -0.15	37.21 -0.32 -1.50	28.17 0.22 -0.18	39.52 0.35 1.67	12.08 0.64 26.94	13.00 1.73 29.15	15.08 1.54 14.82	29.84 2.39 12.34	43.79 2.53 -0.22	44.08 2.47 1.47	23.00 2.81 23.14	50.96 3.40 0.02	43.69 3.13 -2.80	45.83 3.66 0.96	55.37 3.85 1.03	64.49 3.27 0.56	50.30 1.75 0.18	43.52 0.45 2.07	19.35 0.20 20.17	40.89 0.73 0.14	40.94 1.11 0.00
EAST_POINT___SOLAR 323840	33.52 1.68 0.06	28.52 1.39 0.05	29.20 1.39 0.08	27.65 1.33 0.08	37.09 1.83 0.77	29.10 1.44 0.09	43.11 2.34 0.06	40.74 2.43 0.07	41.77 1.43 0.08	26.39 0.47 2.44	40.02 0.65 0.42	41.49 0.56 0.11	42.61 -0.47 0.00	43.17 -0.01 0.13	47.37 0.32 0.53	37.63 0.07 0.21	43.13 0.00 0.00	54.45 1.89 0.00	65.33 3.56 0.00	51.87 3.13 0.00	48.03 2.89 0.00	41.78 2.46 0.00	42.70 2.40 0.00	42.10 2.27 0.00
EAST_PULASKI___ESR 323781	33.50 0.09 -1.50	27.60 0.04 -0.38	28.49 0.02 -0.57	26.71 0.03 -0.28	38.67 0.04 -2.60	28.73 0.07 -0.91	46.11 0.24 -5.03	43.57 0.23 -4.96	46.51 0.21 -5.89	30.35 0.03 -1.97	44.38 -0.04 -4.62	45.36 -0.07 -4.39	47.26 -0.24 -4.43	47.33 -0.42 -4.43	52.13 -0.55 -5.09	38.74 -0.57 -1.55	45.50 -0.67 -3.04	58.84 -0.40 -6.68	72.05 0.05 -10.23	56.33 0.20 -7.39	51.66 0.08 -6.44	43.29 0.02 -3.95	45.26 0.03 -4.93	43.64 0.02 -3.78
EAST_RIVER___1 323558	33.47 1.46 -0.11	28.55 1.27 -0.09	29.23 1.18 -0.16	27.56 1.01 -0.15	38.75 1.22 -1.50	28.96 1.02 -0.18	42.37 1.42 -0.12	39.92 1.40 -0.14	42.11 1.54 -0.16	34.47 1.34 -4.77	42.52 1.89 -0.83	43.15 1.89 -0.22	45.16 2.09 0.00	45.92 2.34 -0.26	51.39 2.77 -1.03	40.75 2.59 -0.41	46.12 3.00 0.00	56.04 3.48 0.00	65.50 3.72 0.00	51.30 2.57 0.00	47.02 1.89 0.00	40.87 1.55 0.00	41.77 1.47 0.00	41.43 1.60 0.00
EAST_RIVER___2 323559	33.54 1.53 -0.11	28.60 1.32 -0.09	29.27 1.21 -0.16	27.60 1.06 -0.15	38.80 1.27 -1.50	29.01 1.07 -0.18	42.42 1.47 -0.12	39.94 1.42 -0.14	42.19 1.61 -0.16	34.52 1.40 -4.77	42.62 1.99 -0.83	43.26 2.00 -0.22	45.28 2.21 0.00	46.04 2.47 -0.26	51.50 2.88 -1.03	40.86 2.69 -0.41	46.25 3.12 0.00	56.15 3.59 0.00	65.64 3.86 0.00	51.42 2.69 0.00	47.17 2.04 0.00	40.98 1.66 0.00	41.88 1.58 0.00	41.51 1.68 0.00
EAST___DELAWARE_HYD 23607	32.20 0.21 -0.09	26.69 -0.57 -0.07	27.53 -0.50 -0.12	26.02 -0.49 -0.12	36.37 -0.82 -1.17	27.33 -0.57 -0.14	40.20 -0.72 -0.09	37.90 -0.59 -0.11	39.79 -0.76 -0.12	31.55 -0.51 -3.71	39.69 -0.75 -0.65	40.18 -1.04 -0.17	42.33 -0.74 0.00	43.25 -0.27 -0.20	48.98 0.60 -0.79	38.76 0.69 -0.31	41.80 0.96 2.29	53.63 1.38 0.31	63.30 1.53 0.00	49.69 0.96 0.00	45.62 0.48 0.00	39.55 0.23 0.00	40.43 0.13 0.00	40.01 0.18 0.00
EIGHT_POINT___WT_PWR 323820	32.25 -0.24 -0.59	27.01 -0.32 -0.15	27.77 -0.35 -0.22	26.23 -0.28 -0.11	37.19 0.14 -1.02	28.34 0.22 -0.36	43.11 0.30 -1.98	40.58 0.25 -1.95	43.21 0.48 -2.31	29.32 0.19 -0.77	41.54 -0.07 -1.82	42.70 -0.07 -1.72	44.40 -0.41 -1.74	44.87 -0.19 -1.74	49.52 -0.06 -2.00	37.91 -0.45 -0.61	43.39 -0.87 -1.13	54.42 -0.66 -2.52	65.61 -0.03 -3.86	52.13 0.60 -2.79	48.15 0.58 -2.43	41.40 0.59 -1.49	43.41 1.25 -1.86	42.38 1.13 -1.43
ELBRIDGE_115KV_TB2 80188	32.88 -0.22 -1.20	27.29 -0.20 -0.30	28.16 -0.19 -0.45	26.47 -0.15 -0.23	37.87 -0.22 -2.07	28.38 -0.11 -0.73	44.71 -0.13 -4.00	42.21 -0.11 -3.95	45.03 -0.08 -4.68	29.86 -0.06 -1.57	43.35 -0.12 -3.67	44.36 -0.17 -3.49	46.33 -0.27 -3.52	46.55 -0.29 -3.53	51.33 -0.31 -4.05	38.61 -0.38 -1.23	45.16 -0.35 -2.38	57.56 -0.16 -5.16	69.67 -0.02 -7.91	54.45 0.00 -5.72	50.07 -0.05 -4.98	42.22 -0.16 -3.06	44.06 -0.06 -3.82	42.60 -0.16 -2.93
ELEC_TRO_TEK 24086	33.16 1.14 -0.11	28.31 1.03 -0.09	28.96 0.90 -0.16	27.30 0.76 -0.15	38.41 0.88 -1.50	28.64 0.70 -0.18	41.26 0.64 0.22	32.72 0.69 6.36	33.98 0.95 7.39	29.49 0.88 -0.25	54.29 1.40 -13.09	42.68 1.41 -0.22	44.30 1.38 0.16	45.19 1.77 -0.10	61.54 2.22 -11.74	61.89 2.15 -21.98	58.80 2.47 -13.20	70.13 2.94 -14.64	64.64 2.87 0.00	50.59 1.86 0.00	45.97 1.18 0.34	37.00 0.86 3.18	41.03 0.77 0.03	40.84 1.01 0.00
ELLENBURG_WT_PWR 323604	32.45 0.55 0.00	27.55 0.36 0.00	28.22 0.33 0.00	26.57 0.17 0.00	36.27 0.24 0.00	28.08 0.32 0.00	41.41 0.58 0.00	38.73 0.35 0.00	40.70 0.28 0.00	28.66 0.30 0.00	40.35 0.55 0.00	41.49 0.45 0.00	43.63 0.55 0.00	43.67 0.35 0.00	47.49 -0.09 0.00	37.80 0.04 0.00	42.87 -0.26 0.00	52.07 -0.49 0.00	61.55 -0.23 0.00	48.87 0.14 0.00	45.82 0.69 0.00	40.09 0.77 0.00	41.33 1.03 0.00	40.80 0.97 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.51 0.18 -0.43	27.20 -0.10 -0.11	28.06 0.00 -0.16	26.54 0.07 -0.08	37.27 0.49 -0.75	28.48 0.46 -0.26	42.51 0.22 -1.45	39.95 0.14 -1.44	42.70 0.58 -1.70	29.48 0.55 -0.57	42.10 0.97 -1.33	43.35 1.04 -1.27	45.26 0.91 -1.28	45.39 0.78 -1.28	50.04 0.98 -1.47	38.28 0.07 -0.45	43.90 -0.14 -0.91	53.82 -0.80 -2.06	64.21 -0.72 -3.16	50.72 -0.29 -2.28	47.11 -0.01 -1.99	40.82 0.28 -1.22	43.13 1.32 -1.52	42.25 1.25 -1.17
EMPIRE_CC_1 323656	31.53 -0.22 0.14	27.04 -0.04 0.11	27.65 -0.05 0.19	26.17 -0.04 0.18	34.08 -0.14 1.81	27.44 -0.09 0.22	40.45 -0.25 0.14	37.89 -0.31 0.17	39.79 -0.44 0.19	22.29 -0.32 5.75	38.15 -0.65 1.00	40.14 -0.64 0.27	42.49 -0.59 0.00	42.48 -0.53 0.31	45.81 -0.53 1.25	37.02 -0.25 0.49	42.78 -0.35 0.00	52.00 -0.56 0.00	61.13 -0.65 0.00	48.28 -0.45 0.00	44.65 -0.49 0.00	38.80 -0.51 0.00	39.70 -0.59 0.00	39.41 -0.41 0.00
EMPIRE_CC_2 323658	31.53 -0.22 0.14	27.04 -0.04 0.11	27.65 -0.05 0.19	26.17 -0.04 0.18	34.08 -0.14 1.81	27.44 -0.09 0.22	40.45 -0.25 0.14	37.89 -0.31 0.17	39.79 -0.44 0.19	22.29 -0.32 5.75	38.15 -0.65 1.00	40.14 -0.64 0.27	42.49 -0.59 0.00	42.48 -0.53 0.31	45.81 -0.53 1.25	37.02 -0.25 0.49	42.78 -0.35 0.00	52.00 -0.56 0.00	61.13 -0.65 0.00	48.28 -0.45 0.00	44.65 -0.49 0.00	38.80 -0.51 0.00	39.70 -0.59 0.00	39.41 -0.41 0.00
ENORWICH_115KV_TB1 80156	34.25 1.77 -0.58	28.76 1.43 -0.15	29.57 1.45 -0.22	27.86 1.36 -0.11	38.75 1.71 -1.01	29.70 1.59 -0.35	45.51 2.72 -1.95	42.92 2.62 -1.93	45.26 2.55 -2.29	30.75 1.63 -0.77	43.57 1.98 -1.79	44.65 1.90 -1.70	46.28 1.49 -1.72	46.73 1.69 -1.72	51.41 1.85 -1.98	39.48 1.12 -0.60	45.99 1.70 -1.15	58.04 2.94 -2.54	69.88 4.21 -3.89	54.97 3.42 -2.82	50.77 3.19 -2.45	43.39 2.56 -1.51	44.67 2.49 -1.88	43.60 2.33 -1.44
ERIE_ST__34_KV_TB1-2 80199	32.59 0.24 -0.44	27.26 -0.03 -0.11	28.12 0.05 -0.17	26.60 0.12 -0.08	37.35 0.56 -0.77	28.56 0.54 -0.27	42.70 0.38 -1.48	40.20 0.36 -1.47	42.96 0.80 -1.74	29.64 0.70 -0.58	42.37 1.21 -1.36	43.59 1.25 -1.30	45.52 1.14 -1.31	45.66 1.04 -1.31	50.38 1.29 -1.51	38.53 0.32 -0.46	44.25 0.19 -0.93	54.39 -0.26 -2.09	64.86 -0.13 -3.21	51.18 0.13 -2.32	47.48 0.32 -2.02	41.05 0.49 -1.24	43.31 1.47 -1.55	42.32 1.31 -1.19
ERIE_WT_PWR 323693	32.63 0.29 -0.44	27.30 0.00 -0.11	28.17 0.10 -0.17	26.65 0.17 -0.08	37.44 0.64 -0.77	28.59 0.56 -0.27	42.69 0.37 -1.48	40.17 0.33 -1.46	42.94 0.79 -1.73	29.64 0.70 -0.58	42.29 1.13 -1.36	43.51 1.18 -1.29	45.46 1.09 -1.30	45.59 0.97 -1.31	50.25 1.17 -1.50	38.45 0.24 -0.46	44.12 0.06 -0.93	54.26 -0.39 -2.09	64.70 -0.27 -3.20	51.12 0.07 -2.31	47.47 0.32 -2.01	41.08 0.53 -1.24	43.37 1.53 -1.54	42.43 1.42 -1.18
ESPRGFLD_115KV_TB1 80157	33.37 1.37 -0.11	28.30 1.11 -0.01	29.02 1.12 -0.01	27.46 1.08 0.02	37.31 1.47 0.19	28.90 1.11 -0.03	43.03 1.76 -0.43	40.69 1.89 -0.42	42.73 1.81 -0.50	28.41 1.24 1.18	41.72 1.73 -0.19	43.10 1.71 -0.34	44.98 1.50 -0.41	45.20 1.55 -0.34	49.48 1.72 -0.17	39.00 1.22 -0.02	44.81 1.41 -0.27	55.47 2.31 -0.60	65.79 3.09 -0.93	51.89 2.49 -0.67	48.03 2.31 -0.58	41.65 1.97 -0.36	42.71 1.97 -0.45	42.04 1.87 -0.34
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.16 0.49 -0.77	27.76 0.38 -0.20	28.58 0.39 -0.29	26.94 0.40 -0.14	37.90 0.54 -1.33	28.73 0.51 -0.47	44.21 0.81 -2.57	41.70 0.79 -2.53	44.25 0.83 -3.00	29.92 0.55 -1.01	42.85 0.69 -2.36	43.79 0.51 -2.24	45.65 0.32 -2.26	45.91 0.32 -2.26	50.54 0.35 -2.60	38.65 0.10 -0.79	44.95 0.31 -1.51	56.77 0.90 -3.32	68.28 1.42 -5.09	53.57 1.16 -3.68	49.34 1.00 -3.20	42.03 0.74 -1.97	43.57 0.82 -2.46	42.41 0.70 -1.88
ETNA____115KV_TB2 80207	33.16 0.49 -0.77	27.76 0.38 -0.20	28.58 0.39 -0.29	26.94 0.40 -0.14	37.90 0.54 -1.33	28.73 0.51 -0.47	44.21 0.81 -2.57	41.70 0.79 -2.53	44.25 0.83 -3.00	29.92 0.55 -1.01	42.85 0.69 -2.36	43.79 0.51 -2.24	45.65 0.32 -2.26	45.91 0.32 -2.26	50.54 0.35 -2.60	38.65 0.10 -0.79	44.95 0.31 -1.51	56.77 0.90 -3.32	68.28 1.42 -5.09	53.57 1.16 -3.68	49.34 1.00 -3.20	42.03 0.74 -1.97	43.57 0.82 -2.46	42.41 0.70 -1.88
EUCLID__115KV_TB2 356179	32.29 -0.34 -0.73	27.04 -0.33 -0.18	27.84 -0.34 -0.28	26.23 -0.30 -0.14	36.92 -0.37 -1.26	27.95 -0.25 -0.45	42.92 -0.36 -2.45	40.48 -0.32 -2.42	42.99 -0.30 -2.87	29.11 -0.21 -0.96	41.75 -0.30 -2.25	42.84 -0.34 -2.14	44.83 -0.40 -2.16	45.01 -0.47 -2.16	49.60 -0.46 -2.48	38.06 -0.46 -0.75	44.17 -0.43 -1.47	55.42 -0.37 -3.23	66.39 -0.33 -4.94	52.05 -0.26 -3.58	47.93 -0.32 -3.11	40.90 -0.33 -1.91	42.40 -0.29 -2.39	41.33 -0.33 -1.83
E_CANADA_CAP_HY 24051	33.33 1.48 0.05	28.35 1.21 0.04	29.02 1.20 0.07	27.48 1.16 0.07	36.95 1.60 0.68	28.91 1.24 0.08	42.71 1.92 0.05	40.36 2.05 0.06	42.12 1.77 0.07	27.21 1.01 2.16	40.80 1.38 0.38	42.28 1.34 0.10	44.04 0.97 0.00	44.23 1.02 0.12	48.25 1.13 0.47	38.28 0.71 0.18	43.85 0.72 0.00	54.31 1.75 0.00	64.71 2.93 0.00	51.25 2.52 0.00	47.51 2.37 0.00	41.43 2.11 0.00	42.40 2.11 0.00	41.85 2.02 0.00
E_CANADA_MHWK_HY 24050	32.06 0.17 0.00	27.51 0.33 0.00	28.14 0.24 0.00	26.70 0.31 0.00	36.34 0.32 0.00	27.98 0.22 0.00	41.16 0.33 0.00	38.84 0.46 0.00	40.11 -0.31 0.00	27.57 -0.79 0.00	38.69 -1.10 0.00	39.35 -1.70 0.00	41.35 -1.73 0.00	41.90 -1.42 0.00	45.79 -1.79 0.00	36.36 -1.40 0.00	41.83 -1.30 0.00	52.97 0.41 0.00	62.36 0.59 0.00	49.32 0.58 0.00	45.49 0.35 0.00	39.56 0.24 0.00	40.31 0.01 0.00	39.85 0.03 0.00
E_FISHKILL__LBMP 23776	32.73 0.72 -0.12	27.95 0.68 -0.10	28.66 0.60 -0.16	27.06 0.51 -0.15	38.13 0.56 -1.54	28.41 0.46 -0.19	41.55 0.60 -0.12	39.11 0.59 -0.14	41.18 0.60 -0.16	33.80 0.57 -4.87	41.47 0.82 -0.85	42.11 0.84 -0.23	44.07 1.00 0.00	44.76 1.17 -0.26	50.06 1.42 -1.05	39.61 1.43 -0.42	44.81 1.68 0.00	54.58 2.03 0.00	63.91 2.14 0.00	50.15 1.41 0.00	46.09 0.95 0.00	40.00 0.69 0.00	40.99 0.70 0.00	40.66 0.83 0.00
FALCON__SEABRD_CC1 323796	32.79 0.89 0.00	27.85 0.66 0.00	28.55 0.66 0.00	26.86 0.46 0.00	36.57 0.54 0.00	28.22 0.46 0.00	41.57 0.73 0.00	38.70 0.32 0.00	40.62 0.20 0.00	28.72 0.36 0.00	40.42 0.63 0.00	41.52 0.47 0.00	43.79 0.72 0.00	43.76 0.44 0.00	47.16 -0.42 0.00	37.64 -0.12 0.00	42.64 -0.49 0.00	51.83 -0.73 0.00	61.38 -0.40 0.00	48.79 0.05 0.00	45.85 0.71 0.00	40.17 0.85 0.00	41.67 1.38 0.00	41.14 1.31 0.00
FALCON__SEABRD_CC2 323797	32.79 0.89 0.00	27.85 0.66 0.00	28.55 0.66 0.00	26.86 0.46 0.00	36.57 0.54 0.00	28.22 0.46 0.00	41.57 0.73 0.00	38.70 0.32 0.00	40.62 0.20 0.00	28.72 0.36 0.00	40.42 0.63 0.00	41.52 0.47 0.00	43.79 0.72 0.00	43.76 0.44 0.00	47.16 -0.42 0.00	37.64 -0.12 0.00	42.64 -0.49 0.00	51.83 -0.73 0.00	61.38 -0.40 0.00	48.79 0.05 0.00	45.85 0.71 0.00	40.17 0.85 0.00	41.67 1.38 0.00	41.14 1.31 0.00

FAR ROCKAWAY___4 23548	33.66 1.64 -0.11	28.71 1.43 -0.09	29.36 1.30 -0.16	27.68 1.13 -0.15	38.92 1.39 -1.50	29.01 1.07 -0.18	42.18 1.17 -0.17	38.63 1.17 0.91	40.30 1.50 1.63	33.91 1.28 -4.26	78.02 2.04 -36.18	43.44 2.18 -0.22	45.67 2.23 -0.36	57.19 2.71 -11.17	74.53 3.28 -23.65	84.41 3.01 -43.64	73.30 3.44 -26.73	88.39 4.07 -31.76	66.44 4.20 -0.47	51.76 2.87 -0.15	47.58 2.06 -0.38	41.62 1.59 -0.71	41.73 1.45 0.01	41.45 1.62 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.50 1.49 -0.11	28.59 1.31 -0.09	29.26 1.21 -0.16	27.58 1.04 -0.15	38.77 1.24 -1.50	28.99 1.04 -0.18	42.40 1.45 -0.12	39.95 1.43 -0.14	42.15 1.57 -0.16	34.48 1.36 -4.77	42.55 1.92 -0.83	43.17 1.90 -0.22	45.19 2.12 0.00	45.95 2.37 -0.26	51.40 2.78 -1.03	40.77 2.61 -0.41	46.16 3.03 0.00	56.07 3.52 0.00	65.52 3.75 0.00	51.29 2.56 0.00	46.99 1.85 0.00	40.85 1.53 0.00	41.75 1.46 0.00	41.42 1.59 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.50 1.49 -0.11	28.59 1.31 -0.09	29.27 1.21 -0.16	27.59 1.04 -0.15	38.78 1.25 -1.50	28.99 1.05 -0.18	42.40 1.45 -0.12	39.95 1.43 -0.14	42.15 1.57 -0.16	34.48 1.36 -4.77	42.54 1.92 -0.83	43.16 1.89 -0.22	45.17 2.10 0.00	45.93 2.36 -0.26	51.39 2.77 -1.03	40.76 2.59 -0.41	46.15 3.02 0.00	56.09 3.53 0.00	65.54 3.76 0.00	51.31 2.58 0.00	47.02 1.89 0.00	40.87 1.55 0.00	41.79 1.49 0.00	41.44 1.61 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.46 1.44 -0.11	28.55 1.27 -0.09	29.23 1.18 -0.16	27.55 1.01 -0.15	38.74 1.21 -1.50	28.95 1.01 -0.18	42.35 1.40 -0.12	39.90 1.38 -0.14	42.09 1.52 -0.16	34.45 1.32 -4.77	42.50 1.87 -0.83	43.11 1.85 -0.22	45.12 2.06 0.00	45.88 2.30 -0.26	51.34 2.72 -1.03	40.71 2.54 -0.41	46.09 2.96 0.00	56.02 3.46 0.00	65.45 3.68 0.00	51.25 2.51 0.00	46.95 1.81 0.00	40.81 1.49 0.00	41.72 1.42 0.00	41.39 1.56 0.00
FARRAGUT___LBMP 323566	33.43 1.42 -0.11	28.54 1.26 -0.09	29.21 1.16 -0.16	27.54 0.99 -0.15	38.72 1.19 -1.50	28.94 1.00 -0.18	42.32 1.37 -0.12	39.87 1.35 -0.14	42.05 1.48 -0.16	34.42 1.29 -4.77	42.45 1.83 -0.83	43.07 1.81 -0.22	45.08 2.01 0.00	45.84 2.26 -0.26	51.28 2.66 -1.03	40.67 2.51 -0.41	46.05 2.92 0.00	55.97 3.41 0.00	65.39 3.61 0.00	51.20 2.46 0.00	46.91 1.77 0.00	40.78 1.46 0.00	41.68 1.38 0.00	41.35 1.52 0.00
FENNER___WINDPWR 24204	33.24 0.76 -0.58	27.90 0.57 -0.15	28.64 0.52 -0.22	27.02 0.52 -0.11	37.78 0.76 -1.00	28.77 0.67 -0.35	43.92 1.15 -1.93	41.37 1.09 -1.91	43.74 1.06 -2.26	29.83 0.71 -0.76	42.53 0.96 -1.78	43.62 0.89 -1.69	45.66 0.88 -1.70	45.73 0.70 -1.70	50.29 0.75 -1.96	38.92 0.56 -0.60	45.03 0.74 -1.16	56.37 1.28 -2.54	67.58 1.91 -3.89	53.11 1.57 -2.81	48.91 1.32 -2.45	41.83 1.01 -1.50	43.13 0.96 -1.88	42.18 0.91 -1.44
FIBERTEK___ENERGY 23856	32.98 -0.07 -1.15	27.38 -0.10 -0.29	28.23 -0.10 -0.44	26.54 -0.07 -0.22	37.93 -0.08 -1.98	28.44 -0.01 -0.69	44.70 0.03 -3.83	42.20 0.04 -3.78	44.99 0.08 -4.49	29.90 0.04 -1.50	43.35 0.03 -3.52	44.40 0.01 -3.35	46.39 -0.06 -3.38	46.58 -0.12 -3.38	51.37 -0.10 -3.88	38.75 -0.19 -1.18	45.31 -0.10 -2.29	57.69 0.15 -4.98	69.74 0.33 -7.63	54.52 0.26 -5.52	50.12 0.17 -4.81	42.32 0.05 -2.95	44.08 0.10 -3.68	42.67 0.02 -2.83
FITZPATRICK___ 23598	24.95 -0.86 6.08	24.89 -0.75 1.54	24.82 -0.77 2.31	24.53 -0.71 1.15	24.56 -0.96 10.51	23.34 -0.72 3.69	19.45 -1.04 20.35	17.35 -0.97 20.07	15.61 -1.00 23.81	19.67 -0.71 7.98	20.12 -1.00 18.67	22.24 -1.06 17.75	24.03 -1.14 17.91	24.22 -1.17 17.93	25.71 -1.28 20.60	30.42 -1.08 6.27	29.60 -1.19 12.33	24.10 -1.32 27.13	18.72 -1.49 41.57	17.51 -1.16 30.06	17.85 -1.11 26.18	22.24 -1.01 16.07	19.26 -0.98 20.05	23.43 -1.01 15.39
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.18 1.18 -0.11	28.31 1.04 -0.09	29.02 0.97 -0.15	27.39 0.85 -0.14	38.49 1.03 -1.43	28.77 0.84 -0.18	42.14 1.19 -0.11	39.70 1.18 -0.13	41.79 1.22 -0.15	33.89 0.99 -4.54	41.98 1.40 -0.79	42.71 1.45 -0.21	44.75 1.67 0.00	45.45 1.89 -0.24	50.82 2.25 -0.98	40.24 2.09 -0.39	45.65 2.52 0.00	55.67 3.12 0.00	65.18 3.40 0.00	51.12 2.39 0.00	46.94 1.80 0.00	40.69 1.37 0.00	41.62 1.33 0.00	41.23 1.41 0.00
FORT ORANGE___ 23900	31.43 -0.40 0.07	26.92 -0.21 0.06	27.56 -0.23 0.10	26.10 -0.21 0.09	34.74 -0.36 0.93	27.40 -0.25 0.11	40.33 -0.44 0.07	38.00 -0.29 0.09	39.90 -0.43 0.10	24.90 -0.51 2.95	38.30 -0.98 0.51	39.91 -0.99 0.14	42.20 -0.87 0.00	42.22 -0.95 0.16	46.02 -0.93 0.64	37.06 -0.45 0.25	38.21 -0.73 4.18	51.15 -0.84 0.56	60.88 -0.90 0.00	48.04 -0.69 0.00	44.47 -0.67 0.00	38.64 -0.68 0.00	39.50 -0.79 0.00	39.44 -0.39 0.00
FORT_DRUM_COGEN 23780	34.46 1.77 -0.79	28.80 1.41 -0.20	29.65 1.45 -0.30	27.89 1.35 -0.15	39.20 1.80 -1.38	29.69 1.45 -0.48	46.04 2.54 -2.66	43.34 2.34 -2.63	45.78 2.24 -3.12	30.55 1.15 -1.04	43.67 1.43 -2.45	44.75 1.38 -2.32	46.57 1.15 -2.34	46.07 0.40 -2.35	50.58 0.30 -2.70	38.48 -0.10 -0.82	44.49 -0.25 -1.61	56.82 0.74 -3.53	69.58 2.39 -5.41	55.06 2.42 -3.91	50.49 1.95 -3.40	42.95 1.53 -2.09	44.46 1.55 -2.61	43.47 1.64 -2.00
FOX_HILLS___ESR 323835	33.24 1.23 -0.11	28.38 1.10 -0.09	25.96 0.97 2.91	25.99 0.79 1.20	30.06 0.94 6.91	28.76 0.82 -0.18	42.06 1.11 -0.12	39.61 1.09 -0.14	41.70 1.12 -0.16	34.14 1.01 -4.77	42.03 1.40 -0.83	42.60 1.33 -0.22	44.55 1.48 0.00	45.33 1.76 -0.26	50.72 2.10 -1.03	40.39 2.22 -0.41	45.67 2.54 0.00	55.43 2.88 0.00	64.80 3.03 0.00	50.86 2.13 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.67 1.37 0.00	41.38 1.55 0.00
FPL_FAR_ROCK_GT1 24212	33.66 1.64 -0.11	28.71 1.43 -0.09	29.36 1.30 -0.16	27.68 1.13 -0.15	38.92 1.39 -1.50	29.01 1.07 -0.18	42.20 1.19 -0.17	38.63 1.16 0.91	40.29 1.49 1.63	33.90 1.28 -4.26	78.00 2.02 -36.18	43.43 2.17 -0.22	45.67 2.23 -0.36	57.14 2.65 -11.17	74.47 3.22 -23.65	84.38 2.98 -43.64	73.27 3.41 -26.73	88.14 3.82 -31.76	66.35 4.11 -0.47	51.76 2.87 -0.15	47.57 2.06 -0.38	41.61 1.59 -0.71	41.73 1.45 0.01	41.45 1.62 0.00
FPL_FAR_ROCK_GT2 23815	33.66 1.64 -0.11	28.71 1.43 -0.09	29.36 1.30 -0.16	27.68 1.13 -0.15	38.92 1.39 -1.50	29.01 1.07 -0.18	42.20 1.19 -0.17	38.63 1.16 0.91	40.29 1.49 1.63	33.90 1.28 -4.26	78.00 2.02 -36.18	43.43 2.17 -0.22	45.67 2.23 -0.36	57.14 2.65 -11.17	74.47 3.22 -23.65	84.38 2.98 -43.64	73.27 3.41 -26.73	88.14 3.82 -31.76	66.35 4.11 -0.47	51.76 2.87 -0.15	47.57 2.06 -0.38	41.61 1.59 -0.71	41.73 1.45 0.01	41.45 1.62 0.00
FRANKLIN_FALL_HYD 24054	32.83 0.93 0.00	27.87 0.68 0.00	28.54 0.64 0.00	26.88 0.48 0.00	36.75 0.72 0.00	28.45 0.70 0.00	42.03 1.19 0.00	39.41 1.03 0.00	41.42 1.00 0.00	29.07 0.72 0.00	40.96 1.17 0.00	42.19 1.15 0.00	44.31 1.24 0.00	44.34 1.02 0.00	48.34 0.75 0.00	38.34 0.58 0.00	43.36 0.23 0.00	52.70 0.14 0.00	62.46 0.69 0.00	49.60 0.87 0.00	46.47 1.33 0.00	40.68 1.36 0.00	41.81 1.51 0.00	41.22 1.39 0.00

FREEPORT_EQUS_GT1 23764	33.34 1.32 -0.11	28.45 1.17 -0.09	29.08 1.03 -0.16	27.42 0.87 -0.15	38.56 1.03 -1.50	28.75 0.80 -0.18	40.48 0.74 1.09	20.57 0.76 18.58	21.23 1.04 20.23	20.58 0.95 8.73	47.84 1.53 -6.52	42.88 1.61 -0.22	43.99 1.58 0.66	36.71 1.92 8.54	58.42 2.45 -8.39	57.03 2.38 -16.90	55.11 2.76 -9.22	66.09 3.08 -10.45	64.58 2.96 0.16	50.80 2.12 0.05	45.56 1.40 0.97	30.15 1.05 10.22	41.17 0.95 0.08	41.01 1.18 0.00
FREEPORT___CT2 23818	33.34 1.32 -0.11	28.45 1.17 -0.09	29.08 1.03 -0.16	27.42 0.87 -0.15	38.56 1.03 -1.50	28.75 0.80 -0.18	40.48 0.74 1.09	20.57 0.76 18.58	21.23 1.04 20.23	20.58 0.95 8.73	47.84 1.53 -6.52	42.88 1.61 -0.22	43.99 1.58 0.66	36.71 1.92 8.54	58.42 2.45 -8.39	57.03 2.38 -16.90	55.11 2.76 -9.22	66.09 3.08 -10.45	64.58 2.96 0.16	50.80 2.12 0.05	45.56 1.40 0.97	30.15 1.05 10.22	41.17 0.95 0.08	41.01 1.18 0.00
FRESHKLS_33_KV_LOAD 356253	33.24 1.22 -0.11	28.38 1.10 -0.09	25.96 0.97 2.91	25.98 0.78 1.20	30.07 0.95 6.91	28.77 0.82 -0.18	42.06 1.11 -0.12	39.61 1.09 -0.14	41.67 1.09 -0.16	34.07 0.94 -4.77	41.89 1.27 -0.83	42.46 1.19 -0.22	44.42 1.35 0.00	45.22 1.64 -0.26	50.59 1.97 -1.03	40.35 2.19 -0.41	45.65 2.52 0.00	55.43 2.87 0.00	64.83 3.05 0.00	50.92 2.19 0.00	46.95 1.81 0.00	40.89 1.57 0.00	41.80 1.50 0.00	41.51 1.68 0.00
FULTON COGEN____ 23766	32.38 -0.20 -0.68	27.14 -0.22 -0.17	27.93 -0.22 -0.26	26.33 -0.19 -0.13	36.98 -0.23 -1.18	28.06 -0.12 -0.42	42.94 -0.18 -2.28	40.50 -0.13 -2.25	42.99 -0.10 -2.67	29.18 -0.07 -0.89	41.78 -0.11 -2.10	42.86 -0.17 -1.99	44.91 -0.17 -2.01	45.04 -0.29 -2.01	49.57 -0.33 -2.31	38.08 -0.39 -0.70	44.16 -0.35 -1.38	55.40 -0.17 -3.01	66.43 0.04 -4.61	52.09 0.03 -3.33	47.98 -0.06 -2.91	40.98 -0.12 -1.78	42.42 -0.10 -2.22	41.38 -0.16 -1.71
FULTON___LFGE 323630	33.27 1.43 0.06	28.34 1.20 0.05	29.01 1.20 0.08	27.47 1.15 0.08	36.81 1.57 0.79	28.88 1.22 0.10	42.72 1.95 0.06	40.35 2.05 0.07	41.91 1.57 0.08	26.60 0.74 2.50	40.40 1.04 0.44	41.64 0.71 0.12	43.48 0.40 0.00	43.53 0.35 0.13	47.78 0.73 0.54	37.80 0.26 0.21	43.37 0.24 0.00	54.16 1.61 0.00	64.80 3.03 0.00	51.36 2.63 0.00	47.56 2.43 0.00	41.37 2.05 0.00	42.30 2.00 0.00	41.75 1.92 0.00
G.F.CEMENT___DRP 24184	32.73 0.93 0.10	28.00 0.90 0.08	28.71 0.95 0.14	27.18 0.91 0.13	35.98 1.23 1.28	28.53 0.94 0.16	42.27 1.53 0.10	39.57 1.31 0.12	41.43 1.14 0.13	24.89 0.59 4.06	39.79 0.70 0.71	41.69 0.83 0.19	44.10 1.03 0.00	44.03 0.93 0.22	47.87 1.16 0.88	38.27 0.85 0.35	44.59 1.47 0.00	54.41 1.85 0.00	64.13 2.35 0.00	50.66 1.93 0.00	46.79 1.65 0.00	40.62 1.30 0.00	41.48 1.19 0.00	41.04 1.21 0.00
GARDENVILLE___LBMP 24039	32.53 0.17 -0.46	27.20 -0.10 -0.12	28.07 -0.01 -0.17	26.54 0.06 -0.09	37.31 0.49 -0.79	28.49 0.46 -0.28	42.62 0.25 -1.53	40.05 0.16 -1.51	42.79 0.57 -1.80	29.48 0.52 -0.60	42.06 0.86 -1.41	43.30 0.92 -1.34	45.18 0.76 -1.35	45.34 0.67 -1.35	49.97 0.83 -1.55	38.22 -0.01 -0.47	43.81 -0.27 -0.95	53.90 -0.79 -2.13	64.41 -0.63 -3.27	50.93 -0.16 -2.36	47.26 0.07 -2.06	40.91 0.33 -1.26	43.19 1.32 -1.58	42.29 1.25 -1.21
GARDNVLA_35_KV_LD 355827	32.75 0.41 -0.44	27.39 0.09 -0.11	28.26 0.19 -0.17	26.72 0.24 -0.08	37.51 0.72 -0.76	28.66 0.64 -0.27	42.85 0.54 -1.47	40.29 0.46 -1.45	43.08 0.94 -1.72	29.74 0.80 -0.58	42.45 1.31 -1.35	43.71 1.39 -1.28	45.67 1.31 -1.30	45.82 1.20 -1.30	50.54 1.46 -1.49	38.69 0.48 -0.45	44.38 0.32 -0.93	54.53 -0.11 -2.08	65.04 0.08 -3.19	51.39 0.35 -2.30	47.69 0.55 -2.01	41.27 0.72 -1.23	43.54 1.71 -1.54	42.58 1.57 -1.18
GELCKHM___115KV_LOAD 80723	32.55 -0.23 -0.88	27.17 -0.24 -0.22	27.99 -0.24 -0.33	26.36 -0.20 -0.17	37.28 -0.27 -1.52	28.14 -0.16 -0.54	43.58 -0.20 -2.95	41.11 -0.18 -2.91	43.72 -0.15 -3.45	29.40 -0.12 -1.16	42.33 -0.18 -2.71	43.42 -0.20 -2.57	45.40 -0.27 -2.60	45.59 -0.33 -2.60	50.24 -0.33 -2.99	38.32 -0.35 -0.91	44.59 -0.30 -1.77	56.26 -0.16 -3.86	67.65 -0.04 -5.91	52.95 -0.06 -4.27	48.73 -0.13 -3.72	41.42 -0.19 -2.29	43.01 -0.13 -2.85	41.82 -0.19 -2.19
GENERAL___MILLS 23808	32.63 0.29 -0.44	27.29 -0.01 -0.11	28.16 0.09 -0.17	26.62 0.15 -0.08	37.39 0.60 -0.77	28.57 0.54 -0.27	42.68 0.36 -1.48	40.14 0.30 -1.46	42.90 0.75 -1.73	29.60 0.66 -0.58	42.26 1.11 -1.36	43.51 1.17 -1.29	45.44 1.07 -1.30	45.58 0.95 -1.31	50.26 1.17 -1.50	38.44 0.22 -0.46	44.10 0.04 -0.93	54.16 -0.48 -2.09	64.64 -0.33 -3.20	51.07 0.03 -2.31	47.42 0.28 -2.01	41.05 0.49 -1.24	43.34 1.50 -1.54	42.41 1.40 -1.18
GE_PLASTICS___DRP 24183	31.68 -0.17 0.05	27.15 0.01 0.04	27.83 0.01 0.07	26.35 0.03 0.07	35.29 -0.04 0.70	27.63 -0.04 0.09	40.62 -0.16 0.05	38.17 -0.14 0.07	40.06 -0.29 0.07	25.72 -0.39 2.24	38.64 -0.76 0.39	40.17 -0.77 0.10	42.37 -0.70 0.00	42.52 -0.68 0.12	46.43 -0.67 0.49	37.23 -0.34 0.19	-50.20 -0.49 92.84	39.45 -0.61 12.50	61.00 -0.78 0.00	48.13 -0.60 0.00	44.51 -0.62 0.00	38.69 -0.63 0.00	39.59 -0.70 0.00	39.38 -0.45 0.00
GILBOA___1 23756	32.16 0.23 -0.03	27.53 0.32 -0.02	28.37 0.44 -0.04	26.92 0.50 -0.03	36.92 0.57 -0.33	27.97 0.17 -0.04	41.05 0.19 -0.02	38.59 0.18 -0.03	40.61 0.15 -0.03	29.53 0.14 -1.03	40.13 0.16 -0.18	41.24 0.15 -0.05	43.30 0.23 0.00	43.68 0.30 -0.06	48.24 0.42 -0.22	38.32 0.47 -0.09	43.70 0.57 0.00	53.23 0.68 0.00	62.07 0.29 0.00	48.90 0.17 0.00	45.40 0.26 0.00	39.49 0.17 0.00	40.45 0.15 0.00	40.06 0.23 0.00
GILBOA___2 23757	32.16 0.23 -0.03	27.53 0.32 -0.02	28.37 0.44 -0.04	26.92 0.50 -0.03	36.92 0.57 -0.33	27.97 0.17 -0.04	41.05 0.19 -0.02	38.59 0.18 -0.03	40.61 0.15 -0.03	29.53 0.14 -1.03	40.13 0.16 -0.18	41.24 0.15 -0.05	43.30 0.23 0.00	43.68 0.30 -0.06	48.24 0.42 -0.22	38.32 0.47 -0.09	43.70 0.57 0.00	53.23 0.68 0.00	62.07 0.29 0.00	48.90 0.17 0.00	45.40 0.26 0.00	39.49 0.17 0.00	40.45 0.15 0.00	40.06 0.23 0.00
GILBOA___3 23758	32.16 0.23 -0.03	27.53 0.32 -0.02	28.37 0.44 -0.04	26.92 0.50 -0.03	36.92 0.57 -0.33	27.97 0.17 -0.04	41.05 0.19 -0.02	38.59 0.18 -0.03	40.61 0.15 -0.03	29.53 0.14 -1.03	40.13 0.16 -0.18	41.24 0.15 -0.05	43.30 0.23 0.00	43.68 0.30 -0.06	48.24 0.42 -0.22	38.32 0.47 -0.09	43.70 0.57 0.00	53.23 0.68 0.00	62.07 0.29 0.00	48.90 0.17 0.00	45.40 0.26 0.00	39.49 0.17 0.00	40.45 0.15 0.00	40.06 0.23 0.00
GILBOA___4 23759	32.16 0.23 -0.03	27.53 0.32 -0.02	28.37 0.44 -0.04	26.92 0.50 -0.03	36.92 0.57 -0.33	27.97 0.17 -0.04	41.05 0.19 -0.02	38.59 0.18 -0.03	40.61 0.15 -0.03	29.53 0.14 -1.03	40.13 0.16 -0.18	41.24 0.15 -0.05	43.30 0.23 0.00	43.68 0.30 -0.06	48.24 0.42 -0.22	38.32 0.47 -0.09	43.70 0.57 0.00	53.23 0.68 0.00	62.07 0.29 0.00	48.90 0.17 0.00	45.40 0.26 0.00	39.49 0.17 0.00	40.45 0.15 0.00	40.06 0.23 0.00

GILBOA____ 23599	32.16 0.23 -0.03	27.53 0.32 -0.02	28.37 0.44 -0.04	26.92 0.50 -0.03	36.92 0.57 -0.33	27.96 0.17 -0.04	41.04 0.18 -0.02	38.59 0.18 -0.03	40.61 0.15 -0.03	29.53 0.14 -1.03	40.13 0.16 -0.18	41.24 0.15 -0.05	43.30 0.22 0.00	43.68 0.30 -0.06	48.24 0.42 -0.22	38.32 0.47 -0.09	43.70 0.58 0.00	53.24 0.68 0.00	62.07 0.30 0.00	48.90 0.17 0.00	45.40 0.26 0.00	39.49 0.17 0.00	40.45 0.15 0.00	40.06 0.24 0.00
GINNA____ 23603	31.10 -1.21 -0.40	26.13 -1.16 -0.10	26.88 -1.17 -0.15	25.38 -1.09 -0.08	35.39 -1.33 -0.69	27.07 -0.93 -0.24	40.81 -1.38 -1.35	38.46 -1.25 -1.33	40.83 -1.16 -1.58	28.08 -0.80 -0.53	40.00 -1.03 -1.24	41.12 -1.10 -1.17	43.03 -1.23 -1.19	43.17 -1.34 -1.19	47.54 -1.41 -1.36	36.82 -1.36 -0.42	42.52 -1.53 -0.93	52.79 -1.86 -2.09	62.97 -2.00 -3.19	49.50 -1.54 -2.31	45.72 -1.43 -2.01	39.29 -1.26 -1.23	40.87 -0.96 -1.54	39.93 -1.08 -1.18
GLEN PARK____ 23778	34.65 1.92 -0.83	28.92 1.53 -0.21	29.79 1.57 -0.32	28.01 1.46 -0.16	39.44 1.98 -1.44	29.85 1.59 -0.51	46.39 2.76 -2.79	43.71 2.58 -2.75	46.16 2.47 -3.27	30.69 1.24 -1.10	43.91 1.56 -2.56	44.97 1.49 -2.43	46.81 1.28 -2.46	46.25 0.47 -2.46	50.81 0.40 -2.83	38.58 -0.04 -0.86	44.62 -0.19 -1.69	57.18 0.92 -3.70	70.22 2.77 -5.67	55.58 2.75 -4.10	50.97 2.26 -3.57	43.28 1.77 -2.19	44.82 1.79 -2.73	43.79 1.87 -2.10
GLENDALE_27_KV_LOAD 356172	33.44 1.42 -0.11	28.56 1.28 -0.09	29.23 1.18 -0.16	27.55 1.01 -0.15	38.71 1.18 -1.50	28.96 1.02 -0.18	42.36 1.41 -0.12	39.94 1.42 -0.14	42.14 1.57 -0.16	34.50 1.37 -4.77	42.55 1.92 -0.83	43.12 1.86 -0.22	45.12 2.04 0.00	45.88 2.30 -0.26	51.30 2.68 -1.03	40.73 2.56 -0.41	46.12 2.99 0.00	56.02 3.47 0.00	65.40 3.63 0.00	51.20 2.47 0.00	46.92 1.79 0.00	40.81 1.49 0.00	41.69 1.39 0.00	41.39 1.56 0.00
GLENWOOD_IC_1_G5 23712	33.37 1.36 -0.11	28.48 1.20 -0.09	29.14 1.09 -0.16	27.48 0.93 -0.15	38.65 1.12 -1.50	28.85 0.91 -0.18	41.39 1.06 0.51	29.73 1.08 9.72	31.06 1.29 10.65	27.06 1.02 2.32	50.18 1.63 -8.75	43.03 1.77 -0.22	44.50 1.85 0.42	40.16 2.05 5.21	57.55 2.49 -7.48	54.57 2.24 -14.56	54.80 2.63 -9.04	64.72 3.29 -8.87	64.96 3.32 0.13	50.75 2.06 0.04	45.89 1.38 0.63	34.14 1.03 6.21	41.20 0.95 0.05	41.20 1.37 0.00
GLENWOOD_IC_2_G1 23688	33.23 1.22 -0.11	28.36 1.08 -0.09	29.03 0.97 -0.16	27.38 0.83 -0.15	38.51 0.98 -1.50	28.74 0.80 -0.18	41.93 0.97 -0.12	39.61 0.98 -0.25	41.91 1.14 -0.35	34.21 1.00 -4.85	38.26 1.51 3.04	42.80 1.53 -0.22	44.71 1.63 0.00	45.50 1.89 -0.28	51.12 2.30 -1.23	40.69 2.18 -0.75	45.46 2.55 0.22	55.78 2.96 -0.26	64.89 3.12 0.00	50.84 2.10 0.00	46.57 1.44 0.00	40.42 1.11 0.00	41.31 1.02 0.00	41.05 1.22 0.00
GLENWOOD_IC_3_G1 23689	33.23 1.22 -0.11	28.36 1.08 -0.09	29.03 0.97 -0.16	27.38 0.83 -0.15	38.51 0.98 -1.50	28.74 0.80 -0.18	41.93 0.97 -0.12	39.61 0.98 -0.25	41.91 1.14 -0.35	34.21 1.00 -4.85	38.26 1.51 3.04	42.80 1.53 -0.22	44.71 1.63 0.00	45.50 1.89 -0.28	51.12 2.30 -1.23	40.69 2.18 -0.75	45.46 2.55 0.22	55.78 2.96 -0.26	64.89 3.12 0.00	50.84 2.10 0.00	46.57 1.44 0.00	40.42 1.11 0.00	41.31 1.02 0.00	41.05 1.22 0.00
GLENWOOD____4 23550	33.37 1.36 -0.11	28.48 1.20 -0.09	29.14 1.09 -0.16	27.48 0.93 -0.15	38.65 1.12 -1.50	28.85 0.91 -0.18	41.39 1.06 0.51	29.74 1.08 9.72	31.07 1.30 10.65	27.09 1.06 2.32	50.23 1.68 -8.75	43.03 1.77 -0.22	44.51 1.86 0.42	40.20 2.10 5.21	57.62 2.56 -7.48	54.66 2.34 -14.56	54.90 2.73 -9.04	64.78 3.35 -8.87	65.04 3.40 0.13	50.87 2.18 0.04	46.00 1.50 0.63	34.23 1.12 6.21	41.29 1.04 0.05	41.20 1.37 0.00
GLENWOOD____5 23614	33.37 1.36 -0.11	28.48 1.20 -0.09	29.14 1.09 -0.16	27.48 0.93 -0.15	38.65 1.12 -1.50	28.85 0.91 -0.18	41.39 1.06 0.51	29.74 1.08 9.72	31.07 1.30 10.65	27.09 1.06 2.32	50.23 1.68 -8.75	43.03 1.77 -0.22	44.51 1.86 0.42	40.20 2.10 5.21	57.62 2.56 -7.48	54.66 2.34 -14.56	54.90 2.73 -9.04	64.78 3.35 -8.87	65.04 3.40 0.13	50.87 2.18 0.04	46.00 1.50 0.63	34.23 1.12 6.21	41.29 1.04 0.05	41.20 1.37 0.00
GLOBAL GREEN_PORT_GT1 23814	32.43 0.41 -0.11	27.73 0.45 -0.09	28.32 0.26 -0.16	26.70 0.15 -0.15	37.69 0.16 -1.50	28.43 0.48 -0.18	39.76 0.59 1.67	12.30 0.86 26.94	13.03 1.76 29.15	15.07 1.53 14.82	29.81 2.35 12.34	43.71 2.44 -0.22	44.00 2.39 1.47	22.94 2.75 23.13	50.90 3.34 0.02	43.68 3.12 -2.80	45.88 3.71 0.96	55.52 4.00 1.03	64.83 3.61 0.56	50.68 2.13 0.18	44.01 0.94 2.07	19.78 0.63 20.17	41.15 0.99 0.14	41.13 1.30 0.00
GLOBE____DSASP 323697	32.10 -0.23 -0.43	26.84 -0.46 -0.11	27.70 -0.36 -0.16	26.21 -0.26 -0.08	36.80 0.03 -0.74	28.11 0.09 -0.26	41.82 -0.44 -1.43	39.28 -0.50 -1.41	41.85 -0.24 -1.67	28.87 -0.05 -0.56	41.28 0.18 -1.31	42.53 0.24 -1.24	44.38 0.05 -1.26	44.53 -0.05 -1.26	49.07 0.04 -1.44	37.48 -0.71 -0.44	42.89 -1.14 -0.90	52.01 -2.59 -2.03	61.96 -2.93 -3.12	49.05 -1.93 -2.25	45.72 -1.37 -1.96	39.89 -0.64 -1.20	42.37 0.58 -1.50	41.75 0.78 -1.15
GOETHSLN____LBMP 323567	33.24 1.23 -0.11	28.36 1.08 -0.09	25.98 0.99 2.91	26.02 0.81 1.20	30.15 1.03 6.91	28.83 0.89 -0.18	42.14 1.19 -0.12	39.71 1.19 -0.14	41.89 1.31 -0.16	34.29 1.16 -4.77	42.23 1.61 -0.83	42.84 1.58 -0.22	44.82 1.75 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.49 2.32 -0.41	45.81 2.68 0.00	55.66 3.10 0.00	65.07 3.29 0.00	50.93 2.20 0.00	46.64 1.50 0.00	40.57 1.25 0.00	41.46 1.17 0.00	41.14 1.32 0.00
GOLAH____69_KV_TB 1_2 80279	33.13 0.82 -0.40	27.80 0.52 -0.10	28.56 0.51 -0.15	26.98 0.51 -0.08	37.67 0.95 -0.69	28.87 0.88 -0.24	43.32 1.14 -1.34	40.76 1.06 -1.32	43.27 1.29 -1.57	29.85 0.96 -0.53	42.49 1.46 -1.23	43.65 1.44 -1.17	45.51 1.26 -1.18	45.66 1.15 -1.18	50.27 1.33 -1.36	38.84 0.67 -0.41	44.55 0.54 -0.89	55.07 0.47 -2.04	65.87 0.98 -3.12	51.95 0.96 -2.25	48.05 0.95 -1.96	41.41 0.89 -1.20	43.30 1.51 -1.50	42.52 1.54 -1.15
GOODYEAR_LAKE_HYD 323669	33.12 0.97 -0.25	28.07 0.83 -0.06	28.84 0.85 -0.09	27.27 0.83 -0.05	37.54 1.09 -0.42	28.69 0.79 -0.15	42.90 1.24 -0.82	40.48 1.29 -0.81	42.67 1.29 -0.96	29.63 0.95 -0.32	41.89 1.34 -0.75	43.07 1.30 -0.72	45.06 1.26 -0.72	45.37 1.33 -0.73	49.93 1.51 -0.83	39.18 1.16 -0.25	45.05 1.44 -0.49	55.73 2.10 -1.08	65.83 2.41 -1.65	51.76 1.83 -1.19	47.82 1.64 -1.04	41.30 1.34 -0.64	42.43 1.33 -0.79	41.72 1.28 -0.61
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.58 0.10 -0.58	27.39 0.07 -0.15	28.18 0.07 -0.22	26.61 0.11 -0.11	37.21 0.18 -1.00	28.27 0.17 -0.35	42.98 0.21 -1.94	40.48 0.19 -1.91	42.96 0.27 -2.27	29.31 0.19 -0.76	41.81 0.24 -1.78	42.91 0.18 -1.69	44.91 0.13 -1.71	45.14 0.11 -1.71	49.83 0.28 -1.96	38.43 0.07 -0.60	44.52 0.24 -1.15	55.69 0.59 -2.54	66.25 0.58 -3.89	51.93 0.38 -2.82	47.86 0.27 -2.45	41.01 0.19 -1.50	42.47 0.30 -1.88	41.51 0.24 -1.44

GOUDEY___7 23579	32.58 0.10 -0.58	27.39 0.07 -0.15	28.18 0.07 -0.22	26.61 0.11 -0.11	37.21 0.18 -1.00	28.27 0.17 -0.35	42.98 0.21 -1.94	40.48 0.19 -1.91	42.96 0.27 -2.27	29.31 0.19 -0.76	41.81 0.24 -1.78	42.91 0.18 -1.69	44.91 0.13 -1.71	45.14 0.11 -1.71	49.83 0.28 -1.96	38.43 0.07 -0.60	44.52 0.24 -1.15	55.69 0.59 -2.54	66.25 0.58 -3.89	51.93 0.38 -2.82	47.86 0.27 -2.45	41.01 0.19 -1.50	42.47 0.30 -1.88	41.51 0.24 -1.44
GOUDEY___8 23580	32.58 0.10 -0.58	27.39 0.07 -0.15	28.18 0.07 -0.22	26.61 0.11 -0.11	37.21 0.18 -1.00	28.27 0.17 -0.35	42.98 0.21 -1.94	40.48 0.19 -1.91	42.96 0.27 -2.27	29.31 0.19 -0.76	41.81 0.24 -1.78	42.91 0.18 -1.69	44.91 0.13 -1.71	45.14 0.11 -1.71	49.83 0.28 -1.96	38.43 0.07 -0.60	44.52 0.24 -1.15	55.69 0.59 -2.54	66.25 0.58 -3.89	51.93 0.38 -2.82	47.86 0.27 -2.45	41.01 0.19 -1.50	42.47 0.30 -1.88	41.51 0.24 -1.44
GOWANUS_GT1_1 24077	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.56 2.38 -0.41	45.88 2.74 -0.01	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
GOWANUS_GT1_2 24078	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.56 2.38 -0.41	45.88 2.74 -0.01	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
GOWANUS_GT1_3 24079	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.56 2.38 -0.41	45.88 2.74 -0.01	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
GOWANUS_GT1_4 24080	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.56 2.38 -0.41	45.88 2.74 -0.01	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
GOWANUS_GT1_5 24084	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.56 2.38 -0.41	45.88 2.74 -0.01	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
GOWANUS_GT1_6 24111	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15																				

GOWANUS_GT2_6 24119	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
GOWANUS_GT2_7 24120	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
GOWANUS_GT2_8 24121	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
GOWANUS_GT3_1 24122	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
GOWANUS_GT3_2 24123	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
GOWANUS_GT3_3 24124	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
GOWANUS_GT3_4 24125	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
GOWANUS_GT3_5 24126	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 																			

GOWANUS_GT4_5 24134	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.55 2.38 -0.41	45.87 2.74 0.00	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
GOWANUS_GT4_6 24135	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.55 2.38 -0.41	45.87 2.74 0.00	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
GOWANUS_GT4_7 24136	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.55 2.38 -0.41	45.87 2.74 0.00	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
GOWANUS_GT4_8 24137	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.55 2.38 -0.41	45.87 2.74 0.00	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
GREATVR_69_KV_BK1 356245	33.52 1.51 -0.11	28.62 1.34 -0.09	29.22 1.16 -0.16	27.53 0.99 -0.15	38.66 1.13 -1.50	28.87 0.93 -0.18	40.05 0.85 1.63	13.00 1.02 26.40	13.19 1.34 28.57	15.11 1.18 14.43	30.57 1.89 11.11	43.14 1.88 -0.22	43.41 1.75 1.41	23.34 2.19 22.17	50.85 2.77 -0.49	44.07 2.66 -3.64	46.00 3.20 0.32	55.97 3.75 0.34	64.90 3.66 0.53	50.93 2.37 0.17	44.70 1.56 2.00	21.03 1.19 19.48	41.36 1.20 0.13	41.25 1.42 0.00
GREENBSH_115KV_TB3 55895	31.45 -0.37 0.08	26.93 -0.19 0.06	27.58 -0.21 0.11	26.12 -0.18 0.10	34.69 -0.33 1.00	27.41 -0.22 0.12	40.30 -0.46 0.08	37.89 -0.40 0.09	39.81 -0.51 0.10	24.70 -0.47 3.19	38.39 -0.85 0.55	40.04 -0.86 0.15	42.29 -0.78 0.00	42.37 -0.77 0.17	46.13 -0.76 0.69	37.08 -0.41 0.27	42.59 -0.54 0.00	51.88 -0.67 0.00	60.93 -0.85 0.00	48.05 -0.68 0.00	44.44 -0.70 0.00	38.62 -0.70 0.00	39.50 -0.80 0.00	39.24 -0.58 0.00
GREENDGE_115KV_TB5 80291	33.32 0.69 -0.73	27.96 0.59 -0.18	28.73 0.56 -0.28	27.09 0.55 -0.14	38.15 0.87 -1.26	29.07 0.88 -0.44	44.39 1.11 -2.44	41.80 1.02 -2.41	44.45 1.17 -2.86	30.25 0.93 -0.95	42.90 0.87 -2.24	43.76 0.59 -2.13	45.18 -0.04 -2.15	45.73 0.26 -2.15	50.44 0.38 -2.47	38.58 0.07 -0.75	44.11 -0.28 -1.25	55.60 0.27 -2.77	66.62 0.60 -4.25	52.46 0.66 -3.07	48.37 0.56 -2.68	41.38 0.42 -1.64	43.03 0.69 -2.05	41.89 0.49 -1.57
GREENIDGE___3 23582	33.32 0.69 -0.73	27.96 0.59 -0.18	28.73 0.56 -0.28	27.09 0.55 -0.14	38.15 0.87 -1.26	29.07 0.88 -0.44	44.39 1.11 -2.44	41.80 1.02 -2.41	44.45 1.17 -2.86	30.25 0.93 -0.95	42.90 0.87 -2.24	43.76 0.59 -2.13	45.18 -0.04 -2.15	45.73 0.26 -2.15	50.44 0.38 -2.47	38.58 0.07 -0.75	44.11 -0.28 -1.25	55.60 0.27 -2.77	66.62 0.60 -4.25	52.46 0.66 -3.07	48.37 0.56 -2.68	41.38 0.42 -1.64	43.03 0.69 -2.05	41.89 0.49 -1.57
GREENIDGE___4 23583	33.33 0.70 -0.73	27.96 0.58 -0.18	28.73 0.56 -0.28	27.09 0.55 -0.14	38.16 0.87 -1.26	29.07 0.87 -0.44	44.38 1.10 -2.44	41.81 1.02 -2.41	44.47 1.19 -2.86	30.26 0.94 -0.95	42.90 0.87 -2.24	43.75 0.58 -2.13	45.18 -0.04 -2.15	45.73 0.26 -2.15	50.44 0.38 -2.47	38.58 0.07 -0.75	44.11 -0.28 -1.25	55.65 0.31 -2.77	66.65 0.63 -4.25	52.46 0.66 -3.07	48.37 0.56 -2.68	41.38 0.42 -1.64	43.03 0.69 -2.05	41.90 0.50 -1.57
GREENLWN_69_KV_BK 3 55738	32.90 0.89 -0.11	28.14 0.86 -0.09	28.74 0.68 -0.16	27.09 0.54 -0.15	38.09 0.56 -1.50	28.38 0.44 -0.18	39.22 0.01 1.63	12.13 0.06 26.31	12.20 0.26 28.48	14.42 0.44 14.37	29.33 1.00 11.46	42.22 0.96 -0.22	42.25 0.61 1.43	21.78 0.92 22.46	49.18 1.30 -0.30	42.55 1.47 -3.32	44.34 1.75 0.54	53.99 2.03 0.60	62.94 1.71 0.54	49.43 0.87 0.17	43.35 0.24 2.02	19.72 0.07 19.67	40.27 0.11 0.13	40.22 0.39 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.55 2.38 -0.41	45.87 2.74 0.00	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00
GRISSOM___SOLAR 323813	33.19 1.36 0.06	28.28 1.15 0.05	28.96 1.15 0.09	27.41 1.10 0.08	36.71 1.49 0.81	28.82 1.16 0.10	42.61 1.84 0.06	40.23 1.93 0.08	41.75 1.41 0.08	26.40 0.61 2.57	40.21 0.87 0.45	41.36 0.44 0.12	43.29 0.22 0.00	43.23 0.04 0.14	47.57 0.54 0.56	37.59 0.05 0.22	43.12 -0.01 0.00	53.94 1.38 0.00	64.63 2.85 0.00	51.22 2.49 0.00	47.41 2.27 0.00	41.22 1.90 0.00	42.16 1.86 0.00	41.62 1.79 0.00
GROVEVILLE___HYD 323602	33.18 1.18 -0.11	28.31 1.04 -0.09	29.02 0.97 -0.15	27.39 0.85 -0.14	38.49 1.03 -1.43	28.77 0.84 -0.18	42.14 1.19 -0.11	39.70 1.18 -0.13	41.79 1.22 -0.15	33.89 0.99 -4.54	41.98 1.40 -0.79	42.71 1.45 -0.21	44.75 1.67 0.00	45.45 1.89 -0.24	50.82 2.25 -0.98	40.24 2.09 -0.39	45.65 2.52 0.00	55.67 3.12 0.00	65.18 3.40 0.00	51.12 2.39 0.00	46.94 1.80 0.00	40.69 1.37 0.00	41.62 1.33 0.00	41.23 1.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.98 -0.07 -1.15	27.38 -0.10 -0.29	28.23 -0.10 -0.44	26.54 -0.07 -0.22	37.93 -0.08 -1.98	28.44 -0.01 -0.69	44.70 0.03 -3.83	42.20 0.04 -3.78	44.99 0.08 -4.49	29.90 0.04 -1.50	43.35 0.03 -3.52	44.40 0.01 -3.35	46.39 -0.06 -3.38	46.58 -0.12 -3.38	51.37 -0.10 -3.88	38.75 -0.19 -1.18	45.31 -0.10 -2.29	57.69 0.15 -4.98	69.74 0.33 -7.63	54.52 0.26 -5.52	50.12 0.17 -4.81	42.32 0.05 -2.95	44.08 0.10 -3.68	42.67 0.02 -2.83
HAMLTNNY_34_KV_TB 80303	33.11 0.02 -1.20	27.48 -0.01 -0.30	28.36 0.00 -0.45	26.65 0.03 -0.23	38.13 0.04 -2.07	28.58 0.09 -0.73	45.04 0.19 -4.00	42.52 0.19 -3.95	45.34 0.23 -4.68	30.03 0.11 -1.57	43.62 0.15 -3.67	44.67 0.13 -3.49	46.63 0.03 -3.52	46.83 -0.02 -3.53	51.55 -0.09 -4.05	38.80 -0.20 -1.23	45.38 -0.10 -2.35	57.76 0.21 -4.99	69.94 0.52 -7.65	54.73 0.47 -5.53	50.31 0.36 -4.82	42.48 0.20 -2.96	44.32 0.33 -3.69	42.89 0.24 -2.83

HAMPSHIRE___PAPER_HYD 323593	33.45 1.20 -0.35	28.20 0.93 -0.09	28.97 0.93 -0.13	27.30 0.84 -0.07	37.83 1.19 -0.61	28.96 0.99 -0.22	43.73 1.70 -1.19	41.08 1.53 -1.17	43.30 1.49 -1.39	29.66 0.84 -0.46	42.05 1.16 -1.09	43.26 1.18 -1.04	45.26 1.15 -1.05	45.09 0.72 -1.05	49.35 0.56 -1.20	38.30 0.18 -0.37	43.73 -0.12 -0.72	54.34 0.21 -1.57	65.14 0.96 -2.41	51.57 1.09 -1.74	47.70 1.05 -1.52	41.36 1.11 -0.93	42.64 1.18 -1.16	41.91 1.19 -0.89
HARDSCRABBLE_WT_PWR 323673	32.03 0.13 0.00	27.46 0.28 0.00	28.06 0.17 0.00	26.63 0.24 0.00	36.28 0.25 0.00	27.93 0.17 0.00	41.00 0.16 0.00	38.76 0.38 0.00	40.20 -0.22 0.00	27.74 -0.62 0.00	38.88 -0.92 0.00	39.68 -1.36 0.00	41.73 -1.34 0.00	42.21 -1.11 0.00	46.17 -1.42 0.00	36.63 -1.13 0.00	42.03 -1.10 0.00	52.86 0.31 0.00	62.24 0.46 0.00	49.19 0.46 0.00	45.44 0.30 0.00	39.52 0.21 0.00	40.28 -0.02 0.00	39.85 0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.09 1.09 -0.10	28.23 0.96 -0.09	28.91 0.87 -0.15	27.28 0.74 -0.14	38.29 0.89 -1.37	28.66 0.74 -0.17	41.99 1.04 -0.11	39.54 1.03 -0.13	41.67 1.11 -0.14	33.64 0.92 -4.36	41.90 1.35 -0.76	42.68 1.44 -0.20	44.72 1.65 0.00	45.45 1.90 -0.23	50.82 2.29 -0.94	40.24 2.10 -0.37	45.62 2.50 0.00	55.65 3.09 0.00	65.20 3.42 0.00	51.05 2.32 0.00	46.81 1.67 0.00	40.59 1.27 0.00	41.46 1.16 0.00	41.09 1.26 0.00
HARSNRAD_115KV_TB1 81005	32.43 0.11 -0.43	27.10 -0.19 -0.11	27.97 -0.09 -0.16	26.45 -0.03 -0.08	37.15 0.39 -0.74	28.37 0.36 -0.26	42.22 -0.05 -1.43	39.64 -0.14 -1.41	42.38 0.28 -1.67	29.28 0.36 -0.56	41.77 0.66 -1.31	43.03 0.74 -1.25	44.92 0.59 -1.26	45.00 0.42 -1.26	49.48 0.45 -1.45	37.84 -0.35 -0.44	43.30 -0.74 -0.91	53.12 -1.50 -2.05	63.49 -1.43 -3.15	50.24 -0.77 -2.27	46.74 -0.38 -1.98	40.55 0.02 -1.22	42.95 1.14 -1.52	42.16 1.17 -1.16
HARZA MOOSE___RIVER 24016	33.37 1.14 -0.33	28.18 0.91 -0.08	28.94 0.92 -0.13	27.33 0.87 -0.06	37.79 1.19 -0.58	28.91 0.95 -0.20	43.59 1.64 -1.12	40.95 1.48 -1.10	43.16 1.43 -1.30	29.63 0.84 -0.44	41.90 1.08 -1.02	43.03 1.02 -0.97	45.02 0.96 -0.98	44.87 0.57 -0.98	49.22 0.51 -1.13	38.38 0.27 -0.34	43.98 0.18 -0.67	54.88 0.85 -1.47	65.69 1.66 -2.26	51.96 1.60 -1.63	47.83 1.28 -1.42	41.20 1.01 -0.87	42.39 1.00 -1.09	41.69 1.02 -0.84
HDSNBRDG_115KV_BRDG_TB1 355580	32.44 -0.25 -0.79	27.13 -0.26 -0.20	27.93 -0.26 -0.30	26.32 -0.23 -0.15	37.12 -0.27 -1.37	28.06 -0.18 -0.48	43.25 -0.23 -2.64	40.80 -0.19 -2.61	43.36 -0.15 -3.09	29.29 -0.10 -1.04	42.07 -0.15 -2.43	43.16 -0.19 -2.31	45.14 -0.26 -2.33	45.33 -0.32 -2.33	49.97 -0.29 -2.68	38.24 -0.33 -0.82	44.45 -0.27 -1.59	55.89 -0.15 -3.48	67.03 -0.07 -5.34	52.51 -0.08 -3.86	48.35 -0.14 -3.36	41.17 -0.21 -2.06	42.71 -0.16 -2.57	41.58 -0.22 -1.98
HELLGATE_13_KV_LD 55870	33.48 1.47 -0.11	28.60 1.32 -0.09	29.28 1.22 -0.16	27.59 1.05 -0.15	38.76 1.23 -1.50	29.01 1.07 -0.18	42.42 1.47 -0.12	39.99 1.47 -0.14	42.19 1.61 -0.16	34.52 1.40 -4.77	42.61 1.99 -0.83	43.19 1.93 -0.22	45.20 2.12 0.00	45.96 2.39 -0.26	51.39 2.77 -1.03	40.80 2.63 -0.41	46.21 3.08 0.00	56.11 3.55 0.00	65.48 3.70 0.00	51.27 2.53 0.00	46.99 1.85 0.00	40.86 1.54 0.00	41.76 1.46 0.00	41.45 1.62 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.48 1.47 -0.11	28.60 1.32 -0.09	29.28 1.22 -0.16	27.59 1.05 -0.15	38.76 1.23 -1.50	29.01 1.07 -0.18	42.42 1.47 -0.12	39.99 1.47 -0.14	42.19 1.61 -0.16	34.52 1.40 -4.77	42.61 1.99 -0.83	43.19 1.93 -0.22	45.20 2.12 0.00	45.96 2.39 -0.26	51.39 2.77 -1.03	40.80 2.63 -0.41	46.21 3.08 0.00	56.11 3.55 0.00	65.48 3.70 0.00	51.27 2.53 0.00	46.99 1.85 0.00	40.86 1.54 0.00	41.76 1.46 0.00	41.45 1.62 0.00
HEMPSTEAD____ 23647	33.28 1.27 -0.11	28.40 1.12 -0.09	29.06 1.00 -0.16	27.39 0.85 -0.15	38.52 0.99 -1.50	28.73 0.79 -0.18	40.77 0.78 0.85	24.21 0.81 14.98	25.14 1.08 16.36	23.19 0.96 6.12	46.70 1.51 -5.40	42.84 1.57 -0.22	44.00 1.56 0.64	36.61 1.86 8.58	56.99 2.34 -7.06	54.30 2.25 -14.29	53.73 2.62 -7.98	64.00 2.98 -8.47	64.60 3.01 0.19	50.67 2.00 0.06	45.51 1.31 0.94	30.90 0.97 9.39	41.11 0.89 0.07	40.99 1.16 0.00
HICKLING___1 23621	32.62 0.11 -0.61	27.36 0.03 -0.15	28.15 0.02 -0.23	26.58 0.07 -0.11	37.37 0.29 -1.05	28.47 0.34 -0.37	43.30 0.44 -2.03	40.74 0.37 -2.00	43.34 0.55 -2.37	29.50 0.35 -0.79	42.04 0.38 -1.86	43.10 0.29 -1.77	45.01 0.15 -1.78	45.27 0.16 -1.79	49.98 0.34 -2.05	38.36 -0.02 -0.62	44.34 0.04 -1.17	55.75 0.60 -2.59	66.42 0.67 -3.97	52.17 0.57 -2.87	48.09 0.45 -2.50	41.24 0.38 -1.54	42.87 0.66 -1.92	41.82 0.52 -1.47
HICKLING___2 23622	32.62 0.11 -0.61	27.36 0.03 -0.15	28.15 0.02 -0.23	26.58 0.07 -0.11	37.37 0.29 -1.05	28.47 0.34 -0.37	43.30 0.44 -2.03	40.74 0.37 -2.00	43.34 0.55 -2.37	29.50 0.35 -0.79	42.04 0.38 -1.86	43.10 0.29 -1.77	45.01 0.15 -1.78	45.27 0.16 -1.79	49.98 0.34 -2.05	38.36 -0.02 -0.62	44.34 0.04 -1.17	55.75 0.60 -2.59	66.42 0.67 -3.97	52.17 0.57 -2.87	48.09 0.45 -2.50	41.24 0.38 -1.54	42.87 0.66 -1.92	41.82 0.52 -1.47
HIGH FALLS___HY 23754	33.29 1.32 -0.08	28.30 1.05 -0.06	28.98 0.97 -0.11	27.35 0.85 -0.10	38.04 1.01 -1.00	28.69 0.81 -0.12	42.11 1.20 -0.08	39.67 1.19 -0.09	41.75 1.22 -0.10	32.53 0.98 -3.20	41.70 1.35 -0.56	42.51 1.32 -0.15	44.58 1.50 0.00	45.37 1.87 -0.17	50.43 2.16 -0.69	39.98 1.95 -0.27	40.39 2.49 5.23	55.11 3.26 0.70	65.42 3.64 0.00	51.30 2.57 0.00	47.07 1.94 0.00	40.80 1.48 0.00	41.72 1.42 0.00	41.26 1.43 0.00
HIGH_RIVER___SOLAR 323847	32.61 0.78 0.07	27.83 0.69 0.05	28.50 0.70 0.09	26.98 0.67 0.09	36.06 0.89 0.86	28.32 0.67 0.11	41.79 1.02 0.07	39.32 1.02 0.08	41.00 0.67 0.09	25.81 0.18 2.73	39.57 0.25 0.48	40.87 -0.04 0.13	42.94 -0.13 0.00	43.25 0.08 0.15	47.08 0.09 0.59	37.51 -0.02 0.23	43.23 0.10 0.00	53.47 0.91 0.00	63.45 1.67 0.00	50.15 1.42 0.00	46.39 1.25 0.00	40.35 1.03 0.00	41.29 0.99 0.00	40.83 1.00 0.00
HILLBURN___GT 23639	33.02 1.02 -0.11	28.19 0.92 -0.09	28.87 0.82 -0.15	27.22 0.69 -0.14	38.25 0.82 -1.40	28.63 0.70 -0.17	41.90 0.95 -0.11	39.46 0.95 -0.13	41.57 1.00 -0.14	33.68 0.88 -4.45	41.86 1.29 -0.78	42.60 1.35 -0.21	44.62 1.55 0.00	45.34 1.78 -0.24	50.71 2.16 -0.96	40.13 1.99 -0.38	45.46 2.33 0.00	55.41 2.85 0.00	64.89 3.11 0.00	50.84 2.11 0.00	46.59 1.46 0.00	40.40 1.08 0.00	41.28 0.98 0.00	40.95 1.12 0.00
HILLSIDE_115KV_TB1 80332	32.15 -0.36 -0.60	27.00 -0.34 -0.15	27.77 -0.35 -0.23	26.24 -0.27 -0.11	36.81 -0.26 -1.05	28.02 -0.11 -0.37	42.62 -0.24 -2.02	40.10 -0.27 -2.00	42.68 -0.11 -2.37	29.04 -0.11 -0.79	41.45 -0.20 -1.86	42.49 -0.32 -1.77	44.43 -0.43 -1.78	44.63 -0.47 -1.78	49.34 -0.29 -2.05	37.84 -0.54 -0.62	43.85 -0.45 -1.17	55.10 -0.05 -2.60	65.49 -0.27 -3.98	51.35 -0.26 -2.88	47.31 -0.33 -2.51	40.57 -0.29 -1.54	42.13 -0.08 -1.92	41.10 -0.20 -1.47

HISHELDN_WT_PWR 323625	32.38 -0.01 -0.48	27.08 -0.22 -0.12	27.93 -0.15 -0.18	26.40 -0.09 -0.09	37.15 0.29 -0.83	28.33 0.28 -0.29	42.52 0.07 -1.61	39.94 -0.03 -1.59	42.63 0.32 -1.89	29.25 0.26 -0.63	41.59 0.32 -1.48	42.84 0.39 -1.41	44.67 0.18 -1.42	44.90 0.16 -1.42	49.41 0.19 -1.63	37.88 -0.38 -0.50	43.38 -0.74 -0.98	53.77 -0.99 -2.21	64.42 -0.74 -3.38	50.97 -0.21 -2.44	47.25 -0.02 -2.13	40.84 0.21 -1.31	43.01 1.08 -1.63	42.09 1.01 -1.25
HOLTSVILLE_IC_1 23690	32.84 0.83 -0.11	28.08 0.81 -0.09	28.68 0.62 -0.16	27.03 0.49 -0.15	37.98 0.45 -1.50	28.36 0.42 -0.18	39.24 0.08 1.67	11.63 0.24 26.99	11.75 0.54 29.21	14.10 0.61 14.86	28.46 1.08 12.42	42.31 1.04 -0.22	42.47 0.87 1.47	21.31 1.18 23.19	49.06 1.53 0.05	42.19 1.67 -2.75	44.20 2.07 1.00	53.64 2.15 1.07	63.18 1.96 0.56	49.66 1.11 0.18	43.53 0.47 2.08	19.39 0.28 20.21	40.46 0.31 0.14	40.43 0.60 0.00
HOLTSVILLE_IC_10 23699	33.03 1.02 -0.11	28.23 0.95 -0.09	28.82 0.76 -0.16	27.15 0.61 -0.15	38.14 0.61 -1.50	28.49 0.54 -0.18	39.45 0.27 1.66	12.04 0.44 26.77	12.20 0.76 28.98	14.41 0.76 14.70	28.98 1.29 12.11	42.53 1.26 -0.22	42.72 1.10 1.45	21.82 1.45 22.95	49.50 1.83 -0.08	42.65 1.93 -2.96	44.68 2.39 0.84	54.16 2.50 0.90	63.59 2.36 0.55	49.98 1.43 0.18	43.83 0.75 2.06	19.81 0.52 20.03	40.71 0.55 0.14	40.65 0.82 0.00
HOLTSVILLE_IC_2 23691	32.84 0.83 -0.11	28.08 0.81 -0.09	28.68 0.62 -0.16	27.03 0.49 -0.15	37.98 0.45 -1.50	28.36 0.42 -0.18	39.24 0.08 1.67	11.63 0.24 26.99	11.75 0.54 29.21	14.10 0.61 14.86	28.46 1.08 12.42	42.31 1.04 -0.22	42.47 0.87 1.47	21.31 1.18 23.19	49.06 1.53 0.05	42.19 1.67 -2.75	44.20 2.07 1.00	53.64 2.15 1.07	63.18 1.96 0.56	49.66 1.11 0.18	43.53 0.47 2.08	19.39 0.28 20.21	40.46 0.31 0.14	40.43 0.60 0.00
HOLTSVILLE_IC_3 23692	32.84 0.83 -0.11	28.08 0.81 -0.09	28.68 0.62 -0.16	27.03 0.49 -0.15	37.98 0.45 -1.50	28.36 0.42 -0.18	39.24 0.08 1.67	11.63 0.24 26.99	11.75 0.54 29.21	14.10 0.61 14.86	28.46 1.08 12.42	42.31 1.04 -0.22	42.47 0.87 1.47	21.31 1.18 23.19	49.06 1.53 0.05	42.19 1.67 -2.75	44.20 2.07 1.00	53.64 2.15 1.07	63.18 1.96 0.56	49.66 1.11 0.18	43.53 0.47 2.08	19.39 0.28 20.21	40.46 0.31 0.14	40.43 0.60 0.00
HOLTSVILLE_IC_4 23693	32.84 0.83 -0.11	28.08 0.81 -0.09	28.68 0.62 -0.16	27.03 0.49 -0.15	37.98 0.45 -1.50	28.36 0.42 -0.18	39.24 0.08 1.67	11.63 0.24 26.99	11.75 0.54 29.21	14.10 0.61 14.86	28.46 1.08 12.42	42.31 1.04 -0.22	42.47 0.87 1.47	21.31 1.18 23.19	49.06 1.53 0.05	42.19 1.67 -2.75	44.20 2.07 1.00	53.64 2.15 1.07	63.18 1.96 0.56	49.66 1.11 0.18	43.53 0.47 2.08	19.39 0.28 20.21	40.46 0.31 0.14	40.43 0.60 0.00
HOLTSVILLE_IC_5 23694	32.84 0.83 -0.11	28.08 0.81 -0.09	28.68 0.62 -0.16	27.03 0.49 -0.15	37.98 0.45 -1.50	28.36 0.42 -0.18	39.24 0.08 1.67	11.63 0.24 26.99	11.75 0.54 29.21	14.10 0.61 14.86	28.46 1.08 12.42	42.31 1.04 -0.22	42.47 0.87 1.47	21.31 1.18 23.19	49.06 1.53 0.05	42.19 1.67 -2.75	44.20 2.07 1.00	53.64 2.15 1.07	63.18 1.96 0.56	49.66 1.11 0.18	43.53 0.47 2.08	19.39 0.28 20.21	40.46 0.31 0.14	40.43 0.60 0.00
HOLTSVILLE_IC_6 23695	33.03 1.02 -0.11	28.23 0.95 -0.09	28.82 0.76 -0.16	27.15 0.61 -0.15	38.14 0.61 -1.50	28.49 0.54 -0.18	39.45 0.27 1.66	12.04 0.44 26.77	12.20 0.76 28.98	14.41 0.76 14.70	28.98 1.29 12.11	42.53 1.26 -0.22	42.72 1.10 1.45	21.82 1.45 22.95	49.50 1.83 -0.08	42.65 1.93 -2.96	44.68 2.39 0.84	54.16 2.50 0.90	63.59 2.36 0.55	49.98 1.43 0.18	43.83 0.75 2.06	19.81 0.52 20.03	40.71 0.55 0.14	40.65 0.82 0.00
HOLTSVILLE_IC_7 23696	33.03 1.02 -0.11	28.23 0.95 -0.09	28.82 0.76 -0.16	27.15 0.61 -0.15	38.14 0.61 -1.50	28.49 0.54 -0.18	39.45 0.27 1.66	12.04 0.44 26.77	12.20 0.76 28.98	14.41 0.76 14.70	28.98 1.29 12.11	42.53 1.26 -0.22	42.72 1.10 1.45	21.82 1.45 22.95	49.50 1.83 -0.08	42.65 1.93 -2.96	44.68 2.39 0.84	54.16 2.50 0.90	63.59 2.36 0.55	49.98 1.43 0.18	43.83 0.75 2.06	19.81 0.52 20.03	40.71 0.55 0.14	40.65 0.82 0.00
HOLTSVILLE_IC_8 23697	33.03 1.02 -0.11	28.23 0.95 -0.09	28.82 0.76 -0.16	27.15 0.61 -0.15	38.14 0.61 -1.50	28.49 0.54 -0.18	39.45 0.27 1.66	12.04 0.44 26.77	12.20 0.76 28.98	14.41 0.76 14.70	28.98 1.29 12.11	42.53 1.26 -0.22	42.72 1.10 1.45	21.82 1.45 22.95	49.50 1.83 -0.08	42.65 1.93 -2.96	44.68 2.39 0.84	54.16 2.50 0.90	63.59 2.36 0.55	49.98 1.43 0.18	43.83 0.75 2.06	19.81 0.52 20.03	40.71 0.55 0.14	40.65 0.82 0.00
HOLTSVILLE_IC_9 23698	33.03 1.02 -0.11	28.23 0.95 -0.09	28.82 0.76 -0.16	27.15 0.61 -0.15	38.14 0.61 -1.50	28.49 0.54 -0.18	39.45 0.27 1.66	12.04 0.44 26.77	12.20 0.76 28.98	14.41 0.76 14.70	28.98 1.29 12.11	42.53 1.26 -0.22	42.72 1.10 1.45	21.82 1.45 22.95	49.50 1.83 -0.08	42.65 1.93 -2.96	44.68 2.39 0.84	54.16 2.50 0.90	63.59 2.36 0.55	49.98 1.43 0.18	43.83 0.75 2.06	19.81 0.52 20.03	40.71 0.55 0.14	40.65 0.82 0.00
HOMER_HL_115KV_TB2 355744	32.32 -0.04 -0.46	27.20 -0.09 -0.12	28.04 -0.03 -0.17	26.52 0.03 -0.09	37.24 0.43 -0.79	28.49 0.45 -0.28	42.86 0.49 -1.53	40.36 0.47 -1.51	42.96 0.74 -1.80	29.49 0.53 -0.60	42.09 0.89 -1.41	43.12 0.74 -1.34	44.75 0.32 -1.35	44.89 0.22 -1.35	49.77 0.63 -1.55	38.02 -0.21 -0.47	43.78 -0.30 -0.95	54.18 -0.51 -2.14	64.75 -0.30 -3.27	51.01 -0.08 -2.37	47.03 -0.16 -2.06	40.52 -0.07 -1.26	42.57 0.70 -1.58	41.58 0.54 -1.21
HOWARD_WT_PWR 323690	32.24 -0.26 -0.60	27.00 -0.33 -0.15	27.77 -0.35 -0.23	26.23 -0.27 -0.11	37.20 0.14 -1.04	28.34 0.22 -0.36	43.14 0.30 -2.00	40.62 0.26 -1.98	43.25 0.48 -2.34	29.33 0.19 -0.79	41.59 -0.04 -1.84	42.74 -0.06 -1.75	44.42 -0.42 -1.77	44.88 -0.20 -1.77	49.54 -0.07 -2.02	37.92 -0.46 -0.62	43.38 -0.89 -1.15	54.41 -0.70 -2.55	65.63 -0.05 -3.90	52.14 0.58 -2.82	48.17 0.58 -2.46	41.42 0.59 -1.51	43.41 1.24 -1.88	42.38 1.11 -1.44
HQ_GEN_CEDARS 23644	32.54 0.64 0.00	27.64 0.46 0.00	28.34 0.44 0.00	26.75 0.36 0.00	36.63 0.61 0.00	28.28 0.52 0.00	41.68 0.85 0.00	39.13 0.75 0.00	41.19 0.76 0.00	28.88 0.52 0.00	40.70 0.90 0.00	42.02 0.97 0.00	44.15 1.08 0.00	44.33 1.01 0.00	48.47 0.89 0.00	38.37 0.61 0.00	43.63 0.50 0.00	52.93 0.37 0.00	62.29 0.51 0.00	49.16 0.43 0.00	45.81 0.67 0.00	40.15 0.84 0.00	41.18 0.88 0.00	40.64 0.81 0.00
HQ_GEN_CEDARS_PROXY 323590	32.54 0.64 0.00	27.64 0.46 0.00	28.34 0.44 0.00	26.75 0.36 0.00	36.63 0.60 0.00	28.28 0.52 0.00	41.68 0.85 0.00	39.13 0.75 0.00	41.19 0.76 0.00	24.66 0.52 4.22	38.85 0.90 1.84	42.02 0.97 0.00	44.15 1.08 0.00	43.30 1.01 1.03	48.47 0.89 0.00	38.37 0.61 0.00	43.63 0.50 0.00	51.43 0.37 1.49	62.28 0.51 0.00	49.16 0.43 0.00	45.81 0.67 0.00	40.15 0.84 0.00	41.17 0.88 0.00	40.64 0.81 0.00

HQ_GEN_IMPORT 323601	32.16 0.26 0.00	27.37 0.19 0.00	28.08 0.19 0.00	26.55 0.15 0.00	36.27 0.24 0.00	27.97 0.21 0.00	41.16 0.33 0.00	38.68 0.30 0.00	40.77 0.34 0.00	28.61 0.25 0.00	40.21 0.42 0.00	41.50 0.46 0.00	44.91 0.47 -1.37	46.83 0.46 -3.05	48.46 0.42 -0.45	38.07 0.31 0.00	43.41 0.28 0.00	52.75 0.19 0.00	62.04 0.26 0.00	48.97 0.24 0.00	45.47 0.33 0.00	39.70 0.38 0.00	40.67 0.37 0.00	40.16 0.33 0.00
HQ_GEN_WHEEL 23651	32.16 0.26 0.00	27.37 0.19 0.00	28.08 0.19 0.00	26.55 0.15 0.00	36.27 0.24 0.00	27.97 0.21 0.00	41.16 0.33 0.00	38.68 0.30 0.00	40.77 0.34 0.00	28.61 0.25 0.00	40.21 0.42 0.00	41.50 0.46 0.00	44.91 0.47 -1.37	46.83 0.46 -3.05	48.46 0.42 -0.45	38.07 0.31 0.00	43.41 0.28 0.00	52.75 0.19 0.00	62.04 0.26 0.00	48.97 0.24 0.00	45.47 0.33 0.00	39.70 0.38 0.00	40.67 0.37 0.00	40.16 0.33 0.00
HUDSON AVE_GT_3 23810	33.52 1.51 -0.11	28.60 1.32 -0.09	29.27 1.22 -0.16	27.60 1.05 -0.15	38.80 1.27 -1.50	29.00 1.06 -0.18	42.41 1.46 -0.12	39.98 1.46 -0.14	42.17 1.60 -0.16	34.50 1.38 -4.77	42.58 1.95 -0.83	43.20 1.93 -0.22	45.22 2.14 0.00	45.99 2.41 -0.26	51.44 2.82 -1.03	40.80 2.63 -0.41	46.20 3.07 0.00	56.12 3.56 0.00	65.57 3.79 0.00	51.33 2.60 0.00	47.02 1.89 0.00	40.87 1.56 0.00	41.79 1.49 0.00	41.44 1.62 0.00
HUDSON AVE_GT_4 23540	33.52 1.51 -0.11	28.60 1.32 -0.09	29.27 1.22 -0.16	27.60 1.05 -0.15	38.80 1.27 -1.50	29.00 1.06 -0.18	42.41 1.46 -0.12	39.98 1.46 -0.14	42.17 1.60 -0.16	34.50 1.38 -4.77	42.58 1.95 -0.83	43.20 1.93 -0.22	45.22 2.14 0.00	45.99 2.41 -0.26	51.44 2.82 -1.03	40.80 2.63 -0.41	46.20 3.07 0.00	56.12 3.56 0.00	65.57 3.79 0.00	51.33 2.60 0.00	47.02 1.89 0.00	40.87 1.56 0.00	41.79 1.49 0.00	41.44 1.62 0.00
HUDSON AVE_GT_5 23657	33.52 1.51 -0.11	28.60 1.32 -0.09	29.27 1.22 -0.16	27.60 1.05 -0.15	38.80 1.27 -1.50	29.00 1.06 -0.18	42.41 1.46 -0.12	39.98 1.46 -0.14	42.17 1.60 -0.16	34.50 1.38 -4.77	42.58 1.95 -0.83	43.20 1.93 -0.22	45.22 2.14 0.00	45.99 2.41 -0.26	51.44 2.82 -1.03	40.80 2.63 -0.41	46.20 3.07 0.00	56.12 3.56 0.00	65.57 3.79 0.00	51.33 2.60 0.00	47.02 1.89 0.00	40.87 1.56 0.00	41.79 1.49 0.00	41.44 1.62 0.00
HUDSON_AVE_10 24168	33.32 1.31 -0.11	28.44 1.16 -0.09	29.11 1.05 -0.16	27.45 0.90 -0.15	38.57 1.04 -1.50	28.83 0.89 -0.18	42.17 1.22 -0.12	39.73 1.21 -0.14	41.92 1.35 -0.16	34.33 1.20 -4.77	52.72 1.66 -11.27	42.91 1.65 -0.22	44.92 1.85 0.00	45.68 2.11 -0.26	51.11 2.49 -1.03	40.70 2.38 -0.56	47.36 2.74 -1.49	56.91 3.27 -1.08	65.45 3.46 -0.21	51.15 2.35 -0.07	47.05 1.67 -0.24	41.06 1.36 -0.38	41.63 1.33 0.00	41.29 1.46 0.00
HUDSON___115KV_TB 4 355613	31.96 0.11 0.05	27.35 0.21 0.04	28.03 0.20 0.07	26.54 0.21 0.06	35.67 0.27 0.63	27.90 0.22 0.08	41.16 0.37 0.05	39.11 0.79 0.06	40.95 0.59 0.06	26.31 -0.08 1.97	38.90 -0.55 0.34	40.40 -0.56 0.09	42.75 -0.33 0.00	42.60 -0.61 0.11	46.66 -0.50 0.43	37.73 0.14 0.17	24.85 -0.32 17.95	50.05 -0.09 2.42	62.04 0.26 0.00	49.00 0.27 0.00	45.32 0.19 0.00	39.35 0.04 0.00	40.20 -0.09 0.00	40.01 0.18 0.00
HUNTER MOUNT___DRP 323613	32.07 0.20 0.03	27.46 0.29 0.02	28.16 0.30 0.04	26.67 0.31 0.03	36.14 0.45 0.34	28.05 0.34 0.04	41.37 0.56 0.02	39.33 0.98 0.03	41.16 0.77 0.03	27.35 0.02 1.03	39.11 -0.50 0.18	40.53 -0.47 0.05	42.85 -0.23 0.00	42.68 -0.59 0.06	46.95 -0.41 0.22	37.85 0.18 0.09	14.25 -0.29 28.58	48.73 0.02 3.85	62.18 0.40 0.00	49.15 0.42 0.00	45.48 0.34 0.00	39.48 0.16 0.00	40.34 0.04 0.00	40.08 0.25 0.00
HUNTINGTON_RES_REC 323705	32.97 0.96 -0.11	28.17 0.89 -0.09	28.76 0.70 -0.16	27.10 0.55 -0.15	38.09 0.56 -1.50	28.42 0.48 -0.18	39.29 0.11 1.65	11.86 0.18 26.69	11.96 0.43 28.89	14.26 0.55 14.64	28.89 1.08 11.98	42.34 1.07 -0.22	42.41 0.78 1.45	21.54 1.10 22.88	49.17 1.49 -0.09	42.43 1.68 -2.99	44.42 2.09 0.80	53.82 2.13 0.87	63.20 1.97 0.55	49.69 1.13 0.18	43.58 0.50 2.05	19.63 0.27 19.97	40.45 0.29 0.14	40.39 0.56 0.00
HUNTLEY___63 23557	32.66 0.33 -0.43	27.29 -0.01 -0.11	28.14 0.08 -0.16	26.62 0.14 -0.08	37.38 0.60 -0.75	28.56 0.54 -0.26	42.55 0.27 -1.44	39.98 0.18 -1.42	42.69 0.58 -1.69	29.48 0.55 -0.57	42.11 0.99 -1.33	43.36 1.06 -1.26	45.29 0.95 -1.27	45.41 0.82 -1.27	50.05 1.00 -1.46	38.27 0.06 -0.44	43.84 -0.20 -0.91	53.56 -1.06 -2.06	63.88 -1.04 -3.15	50.51 -0.50 -2.28	47.00 -0.12 -1.98	40.81 0.28 -1.22	43.20 1.39 -1.52	42.42 1.42 -1.16
HUNTLEY___64 23558	32.66 0.33 -0.43	27.29 -0.01 -0.11	28.14 0.08 -0.16	26.62 0.14 -0.08	37.38 0.60 -0.75	28.56 0.54 -0.26	42.55 0.27 -1.44	39.98 0.18 -1.42	42.69 0.58 -1.69	29.48 0.55 -0.57	42.11 0.99 -1.33	43.36 1.06 -1.26	45.29 0.95 -1.27	45.41 0.82 -1.27	50.05 1.00 -1.46	38.27 0.06 -0.44	43.84 -0.20 -0.91	53.56 -1.06 -2.06	63.88 -1.04 -3.15	50.51 -0.50 -2.28	47.00 -0.12 -1.98	40.81 0.28 -1.22	43.20 1.39 -1.52	42.42 1.42 -1.16
HUNTLEY___65 23559	32.66 0.33 -0.43	27.29 -0.01 -0.11	28.14 0.08 -0.16	26.62 0.14 -0.08	37.38 0.60 -0.75	28.56 0.54 -0.26	42.55 0.27 -1.44	39.98 0.18 -1.42	42.69 0.58 -1.69	29.48 0.55 -0.57	42.11 0.99 -1.33	43.36 1.06 -1.26	45.29 0.95 -1.27	45.41 0.82 -1.27	50.05 1.00 -1.46	38.27 0.06 -0.44	43.84 -0.20 -0.91	53.56 -1.06 -2.06	63.88 -1.04 -3.15	50.51 -0.50 -2.28	47.00 -0.12 -1.98	40.81 0.28 -1.22	43.20 1.39 -1.52	42.42 1.42 -1.16
HUNTLEY___66 23560	32.66 0.33 -0.43	27.29 -0.01 -0.11	28.14 0.08 -0.16	26.62 0.14 -0.08	37.38 0.60 -0.75	28.56 0.54 -0.26	42.55 0.27 -1.44	39.98 0.18 -1.42	42.69 0.58 -1.69	29.48 0.55 -0.57	42.11 0.99 -1.33	43.36 1.06 -1.26	45.29 0.95 -1.27	45.41 0.82 -1.27	50.05 1.00 -1.46	38.27 0.06 -0.44	43.84 -0.20 -0.91	53.56 -1.06 -2.06	63.88 -1.04 -3.15	50.51 -0.50 -2.28	47.00 -0.12 -1.98	40.81 0.28 -1.22	43.20 1.39 -1.52	42.42 1.42 -1.16
HUNTLEY___67 23561	32.37 0.04 -0.43	27.08 -0.22 -0.11	27.94 -0.12 -0.16	26.44 -0.04 -0.08	37.11 0.34 -0.75	28.35 0.33 -0.26	42.28 0.00 -1.44	39.73 -0.07 -1.42	42.47 0.36 -1.69	29.32 0.40 -0.57	41.89 0.76 -1.33	43.14 0.83 -1.26	45.02 0.68 -1.27	45.16 0.57 -1.27	49.79 0.73 -1.46	38.07 -0.14 -0.44	43.65 -0.40 -0.91	53.44 -1.17 -2.05	63.74 -1.18 -3.14	50.36 -0.64 -2.27	46.83 -0.28 -1.98	40.59 0.06 -1.21	42.95 1.14 -1.52	42.08 1.09 -1.16
HUNTLEY___68 23562	32.37 0.04 -0.43	27.08 -0.22 -0.11	27.94 -0.12 -0.16	26.44 -0.04 -0.08	37.11 0.34 -0.75	28.35 0.33 -0.26	42.28 0.00 -1.44	39.73 -0.07 -1.42	42.47 0.36 -1.69	29.32 0.40 -0.57	41.89 0.76 -1.33	43.14 0.83 -1.26	45.02 0.68 -1.27	45.16 0.57 -1.27	49.79 0.73 -1.46	38.07 -0.14 -0.44	43.65 -0.40 -0.91	53.44 -1.17 -2.05	63.74 -1.18 -3.14	50.36 -0.64 -2.27	46.83 -0.28 -1.98	40.59 0.06 -1.21	42.95 1.14 -1.52	42.08 1.09 -1.16

HYLAND___LFGE 323620	34.00 1.60 -0.50	28.46 1.14 -0.13	29.27 1.19 -0.19	27.65 1.16 -0.09	38.85 1.95 -0.87	29.75 1.69 -0.31	45.06 2.54 -1.68	42.56 2.52 -1.66	45.16 2.77 -1.97	30.15 1.14 -0.66	42.62 1.28 -1.54	43.80 1.30 -1.47	45.79 1.24 -1.48	46.24 1.44 -1.48	50.95 1.67 -1.70	39.08 0.80 -0.52	44.91 0.76 -1.02	55.93 1.09 -2.28	68.06 2.78 -3.50	54.58 3.32 -2.53	50.54 3.20 -2.20	43.41 2.74 -1.35	45.18 3.20 -1.69	44.02 2.90 -1.29
INDECK___CORINTH 23802	32.29 0.49 0.09	27.62 0.51 0.08	28.35 0.59 0.13	26.84 0.57 0.12	35.55 0.75 1.23	28.12 0.51 0.15	41.62 0.88 0.09	39.00 0.73 0.12	40.81 0.52 0.13	24.64 0.18 3.89	39.25 0.13 0.68	41.10 0.24 0.18	43.47 0.40 0.00	43.43 0.32 0.21	47.22 0.48 0.84	37.76 0.33 0.33	43.95 0.82 0.00	53.66 1.10 0.00	63.23 1.46 0.00	49.94 1.21 0.00	46.11 0.98 0.00	40.08 0.76 0.00	40.92 0.62 0.00	40.48 0.65 0.00
INDECK___ILION 23567	31.99 0.09 0.00	27.28 0.09 0.00	27.98 0.08 0.00	26.49 0.09 0.00	36.13 0.11 0.00	27.83 0.07 0.00	40.96 0.12 0.00	38.49 0.12 0.00	40.52 0.09 0.00	28.42 0.06 0.00	39.84 0.04 0.00	41.07 0.02 0.00	43.12 0.05 0.00	43.38 0.06 0.00	47.68 0.10 0.00	37.84 0.08 0.00	43.29 0.16 0.00	52.82 0.26 0.00	62.08 0.31 0.00	48.95 0.22 0.00	45.29 0.15 0.00	39.40 0.09 0.00	40.37 0.07 0.00	39.91 0.09 0.00
INDECK___OLEAN 23982	32.32 -0.04 -0.46	27.21 -0.09 -0.12	28.04 -0.03 -0.17	26.52 0.03 -0.09	37.24 0.43 -0.79	28.48 0.45 -0.28	42.85 0.48 -1.53	40.36 0.47 -1.51	42.97 0.76 -1.80	29.50 0.54 -0.60	42.09 0.89 -1.41	43.13 0.74 -1.34	44.75 0.32 -1.35	44.89 0.22 -1.35	49.76 0.62 -1.55	38.02 -0.21 -0.47	43.79 -0.29 -0.95	54.28 -0.42 -2.14	64.80 -0.25 -3.27	51.00 -0.10 -2.37	47.03 -0.17 -2.06	40.52 -0.07 -1.26	42.57 0.70 -1.58	41.58 0.54 -1.21
INDECK___OSWEGO 23783	33.50 -0.58 -2.18	27.21 -0.52 -0.55	28.18 -0.54 -0.83	26.31 -0.50 -0.41	39.13 -0.67 -3.77	28.56 -0.52 -1.33	47.45 -0.69 -7.30	44.95 -0.63 -7.20	48.32 -0.64 -8.54	30.73 -0.49 -2.86	45.78 -0.72 -6.70	46.65 -0.76 -6.37	48.63 -0.87 -6.42	48.82 -0.94 -6.43	53.94 -1.04 -7.39	39.11 -0.90 -2.25	46.56 -0.99 -4.42	61.30 -0.95 -9.70	75.64 -0.99 -14.86	58.77 -0.71 -10.74	53.77 -0.73 -9.36	44.37 -0.69 -5.74	46.78 -0.68 -7.17	44.64 -0.69 -5.50
INDECK___YERKES 23781	32.69 0.36 -0.43	27.31 0.01 -0.11	28.17 0.11 -0.16	26.64 0.16 -0.08	37.41 0.64 -0.75	28.58 0.56 -0.26	42.56 0.28 -1.44	40.02 0.22 -1.42	42.74 0.63 -1.69	29.50 0.58 -0.57	42.15 1.03 -1.33	43.39 1.09 -1.26	45.33 0.99 -1.27	45.44 0.85 -1.27	50.09 1.04 -1.46	38.30 0.09 -0.44	43.88 -0.16 -0.91	53.68 -0.93 -2.06	63.99 -0.94 -3.15	50.54 -0.47 -2.28	47.03 -0.09 -1.98	40.84 0.31 -1.22	43.23 1.41 -1.52	42.45 1.45 -1.16
INDIAN POINT_GT_1 24139	33.02 1.01 -0.11	28.19 0.91 -0.09	28.87 0.81 -0.16	27.24 0.69 -0.15	38.31 0.80 -1.48	28.62 0.68 -0.18	41.85 0.90 -0.11	39.42 0.90 -0.14	41.53 0.96 -0.15	33.92 0.85 -4.71	41.85 1.24 -0.82	42.52 1.26 -0.22	44.51 1.44 0.00	45.24 1.66 -0.25	50.61 2.00 -1.02	40.08 1.91 -0.40	45.37 2.24 0.00	55.28 2.72 0.00	64.70 2.92 0.00	50.68 1.94 0.00	46.49 1.35 0.00	40.34 1.02 0.00	41.23 0.93 0.00	40.91 1.08 0.00
INDIAN POINT_GT_2 23659	33.02 1.01 -0.11	28.19 0.91 -0.09	28.87 0.81 -0.16	27.24 0.69 -0.15	38.31 0.80 -1.48	28.62 0.68 -0.18	41.85 0.90 -0.11	39.42 0.90 -0.14	41.53 0.96 -0.15	33.92 0.85 -4.71	41.85 1.24 -0.82	42.52 1.26 -0.22	44.51 1.44 0.00	45.24 1.66 -0.25	50.61 2.00 -1.02	40.08 1.91 -0.40	45.37 2.24 0.00	55.28 2.72 0.00	64.70 2.92 0.00	50.68 1.94 0.00	46.49 1.35 0.00	40.34 1.02 0.00	41.23 0.93 0.00	40.91 1.08 0.00
INDIAN POINT_GT_3 24019	33.02 1.01 -0.11	28.19 0.91 -0.09	28.87 0.81 -0.16	27.24 0.69 -0.15	38.31 0.80 -1.48	28.62 0.68 -0.18	41.85 0.90 -0.11	39.42 0.90 -0.14	41.53 0.96 -0.15	33.92 0.85 -4.71	41.85 1.24 -0.82	42.52 1.26 -0.22	44.51 1.44 0.00	45.24 1.66 -0.25	50.61 2.00 -1.02	40.08 1.91 -0.40	45.37 2.24 0.00	55.28 2.72 0.00	64.70 2.92 0.00	50.68 1.94 0.00	46.49 1.35 0.00	40.34 1.02 0.00	41.23 0.93 0.00	40.91 1.08 0.00
INDIAN POINT___2 23530	32.99 0.98 -0.11	28.16 0.89 -0.09	28.85 0.79 -0.15	27.21 0.67 -0.14	38.26 0.78 -1.45	28.59 0.66 -0.18	41.82 0.88 -0.11	39.39 0.87 -0.14	41.49 0.92 -0.15	33.80 0.84 -4.61	41.80 1.21 -0.80	42.49 1.23 -0.21	44.49 1.41 0.00	45.22 1.65 -0.25	50.57 1.99 -1.00	40.04 1.88 -0.39	45.33 2.20 0.00	55.20 2.65 0.00	64.65 2.87 0.00	50.65 1.92 0.00	46.46 1.32 0.00	40.31 0.99 0.00	41.20 0.90 0.00	40.88 1.05 0.00
INDIAN POINT___3 23531	32.98 0.97 -0.11	28.16 0.88 -0.09	28.84 0.79 -0.16	27.21 0.67 -0.15	38.28 0.77 -1.49	28.59 0.65 -0.18	41.81 0.86 -0.11	39.38 0.86 -0.14	41.49 0.92 -0.15	33.90 0.82 -4.72	41.82 1.20 -0.82	42.48 1.22 -0.22	44.47 1.40 0.00	45.18 1.61 -0.25	50.56 1.95 -1.02	40.02 1.85 -0.40	45.31 2.19 0.00	55.21 2.66 0.00	64.60 2.83 0.00	50.62 1.89 0.00	46.44 1.30 0.00	40.30 0.98 0.00	41.20 0.90 0.00	40.87 1.05 0.00
INGHAM_C_115KV_TB7 356103	32.06 0.17 0.00	27.51 0.32 0.00	28.14 0.24 0.00	26.70 0.31 0.00	36.34 0.32 0.00	27.98 0.22 0.00	41.16 0.32 0.00	38.84 0.46 0.00	40.11 -0.31 0.00	27.57 -0.79 0.00	38.69 -1.10 0.00	39.34 -1.70 0.00	41.35 -1.72 0.00	41.90 -1.42 0.00	45.79 -1.79 0.00	36.35 -1.41 0.00	41.83 -1.30 0.00	52.96 0.41 0.00	62.36 0.59 0.00	49.31 0.58 0.00	45.48 0.35 0.00	39.56 0.24 0.00	40.31 0.01 0.00	39.85 0.03 0.00
IP CORINTH___1 23988	32.48 0.68 0.09	27.78 0.67 0.08	28.50 0.73 0.13	26.98 0.71 0.12	35.75 0.95 1.23	28.28 0.67 0.15	41.86 1.12 0.09	39.22 0.96 0.12	41.06 0.76 0.13	24.81 0.34 3.89	39.49 0.37 0.68	41.35 0.49 0.18	43.72 0.64 0.00	43.68 0.57 0.21	47.49 0.74 0.84	37.98 0.55 0.33	44.20 1.07 0.00	53.97 1.42 0.00	63.59 1.81 0.00	50.21 1.48 0.00	46.38 1.24 0.00	40.31 0.99 0.00	41.16 0.87 0.00	40.72 0.89 0.00
IP___TICONDEROGA 23804	34.05 2.25 0.10	29.19 2.08 0.08	29.90 2.14 0.13	28.28 2.01 0.12	37.59 2.82 1.26	29.98 2.38 0.15	44.51 3.77 0.10	41.47 3.21 0.12	43.14 2.85 0.13	26.06 1.70 4.00	41.41 2.31 0.70	43.46 2.60 0.19	46.19 3.12 0.00	45.81 2.70 0.21	49.91 3.19 0.86	39.77 2.36 0.34	47.03 3.90 0.00	57.08 4.52 0.00	67.30 5.53 0.00	53.47 4.74 0.00	49.31 4.18 0.00	42.52 3.20 0.00	43.33 3.04 0.00	42.76 2.93 0.00
ISLIP_RES_REC 323679	33.22 1.20 -0.11	28.37 1.10 -0.09	28.97 0.91 -0.16	27.26 0.72 -0.15	38.26 0.73 -1.50	28.61 0.67 -0.18	39.64 0.45 1.65	12.37 0.63 26.63	12.57 0.97 28.82	14.68 0.93 14.60	29.40 1.50 11.90	42.75 1.49 -0.22	42.98 1.36 1.45	22.26 1.72 22.79	49.93 2.18 -0.16	43.09 2.22 -3.10	45.12 2.72 0.73	54.68 2.91 0.78	64.05 2.82 0.55	50.32 1.76 0.18	44.14 1.05 2.05	20.16 0.75 19.92	40.93 0.77 0.14	40.84 1.01 0.00

JAMAICA__27_KV_LOAD 355505	33.45 1.44 -0.11	28.55 1.27 -0.09	29.21 1.16 -0.16	27.57 1.03 -0.15	38.67 1.14 -1.50	28.92 0.98 -0.18	42.36 1.41 -0.12	39.89 1.37 -0.14	42.06 1.49 -0.16	34.44 1.31 -4.77	55.70 1.71 -14.19	43.03 1.76 -0.22	45.05 1.97 0.00	45.81 2.23 -0.26	51.26 2.64 -1.03	40.86 2.50 -0.60	47.87 2.84 -1.90	57.40 3.46 -1.38	65.73 3.69 -0.27	51.39 2.58 -0.09	47.33 1.89 -0.30	41.36 1.55 -0.49	41.94 1.64 0.00	41.60 1.77 0.00
JANIS__SOLAR 323808	33.75 1.19 -0.67	28.29 0.93 -0.17	29.09 0.94 -0.25	27.42 0.90 -0.13	38.38 1.20 -1.15	29.27 1.11 -0.41	44.91 1.85 -2.23	42.38 1.80 -2.20	44.78 1.75 -2.61	30.25 1.02 -0.87	43.03 1.20 -2.05	43.98 1.00 -1.95	45.64 0.61 -1.96	45.94 0.65 -1.96	50.53 0.68 -2.26	38.74 0.29 -0.69	45.15 0.70 -1.32	57.10 1.65 -2.89	69.05 2.84 -4.43	54.36 2.43 -3.21	50.12 2.20 -2.79	42.77 1.74 -1.71	44.20 1.77 -2.14	43.12 1.65 -1.64
JARVIS____ 23743	31.90 0.00 0.00	27.21 0.02 0.00	27.92 0.03 0.00	26.43 0.04 0.00	36.05 0.02 0.00	27.76 0.00 0.00	40.84 0.00 0.00	38.38 0.00 0.00	40.40 -0.03 0.00	28.33 -0.03 0.00	39.72 -0.08 0.00	40.96 -0.08 0.00	42.99 -0.09 0.00	43.24 -0.08 0.00	47.54 -0.05 0.00	37.74 -0.02 0.00	43.14 0.01 0.00	52.65 0.09 0.00	61.86 0.09 0.00	48.78 0.05 0.00	45.14 0.01 0.00	39.29 -0.03 0.00	40.24 -0.05 0.00	39.80 -0.03 0.00
JENNISON____1 23625	33.60 1.20 -0.50	28.27 0.96 -0.13	29.08 1.00 -0.19	27.46 0.96 -0.09	38.17 1.27 -0.87	29.17 1.11 -0.30	44.31 1.79 -1.68	41.73 1.69 -1.66	44.01 1.62 -1.96	30.16 1.14 -0.66	42.70 1.37 -1.54	43.81 1.30 -1.46	45.63 1.08 -1.48	46.03 1.23 -1.48	50.62 1.33 -1.70	39.08 0.81 -0.52	45.31 1.18 -0.99	56.86 2.11 -2.19	68.13 2.99 -3.36	53.61 2.44 -2.43	49.44 2.19 -2.12	42.37 1.75 -1.30	43.66 1.75 -1.62	42.67 1.59 -1.24
JENNISON____2 23626	33.60 1.20 -0.50	28.27 0.96 -0.13	29.08 1.00 -0.19	27.46 0.96 -0.09	38.17 1.27 -0.87	29.17 1.11 -0.30	44.31 1.79 -1.68	41.73 1.69 -1.66	44.01 1.62 -1.96	30.16 1.14 -0.66	42.70 1.37 -1.54	43.81 1.30 -1.46	45.63 1.08 -1.48	46.03 1.23 -1.48	50.62 1.33 -1.70	39.08 0.81 -0.52	45.31 1.18 -0.99	56.86 2.11 -2.19	68.13 2.99 -3.36	53.61 2.44 -2.43	49.44 2.19 -2.12	42.37 1.75 -1.30	43.66 1.75 -1.62	42.67 1.59 -1.24
JERICOHO_RISE_WT_PWR 323719	32.44 0.55 0.00	27.53 0.35 0.00	28.21 0.31 0.00	26.56 0.16 0.00	36.27 0.24 0.00	28.09 0.33 0.00	41.43 0.60 0.00	38.77 0.39 0.00	40.75 0.33 0.00	28.68 0.33 0.00	40.39 0.59 0.00	41.54 0.50 0.00	43.67 0.59 0.00	43.71 0.39 0.00	47.62 0.03 0.00	37.87 0.11 0.00	42.94 -0.19 0.00	52.12 -0.44 0.00	61.60 -0.17 0.00	48.92 0.20 0.00	45.87 0.73 0.00	40.13 0.81 0.00	41.32 1.03 0.00	40.79 0.96 0.00
KATONAH__115KV_46KV_TB4 355592	33.14 1.12 -0.12	28.28 1.00 -0.09	28.98 0.91 -0.16	27.33 0.79 -0.15	38.48 0.93 -1.53	28.72 0.78 -0.19	42.01 1.06 -0.12	39.58 1.06 -0.14	41.72 1.14 -0.16	34.19 0.98 -4.85	42.06 1.42 -0.85	42.72 1.45 -0.23	44.72 1.65 0.00	45.45 1.86 -0.26	50.87 2.23 -1.05	40.28 2.10 -0.42	45.62 2.49 0.00	55.55 3.00 0.00	64.96 3.18 0.00	50.91 2.18 0.00	46.71 1.57 0.00	40.52 1.20 0.00	41.42 1.12 0.00	41.08 1.25 0.00
KCE_NY_1 323755	32.63 0.83 0.10	27.88 0.78 0.08	28.57 0.81 0.14	27.06 0.79 0.13	35.77 1.05 1.31	28.40 0.80 0.16	42.04 1.30 0.10	39.38 1.12 0.12	41.28 0.99 0.13	24.80 0.58 4.14	39.76 0.69 0.72	41.63 0.78 0.19	44.00 0.93 0.00	44.00 0.90 0.22	47.77 1.08 0.90	38.25 0.84 0.35	44.37 1.24 0.00	54.25 1.69 0.00	63.81 2.04 0.00	50.32 1.59 0.00	46.51 1.37 0.00	40.39 1.06 0.00	41.29 1.00 0.00	40.85 1.02 0.00
KCE_NY_6_ESR 323823	32.63 0.29 -0.44	27.30 0.00 -0.11	28.17 0.10 -0.17	26.65 0.17 -0.08	37.44 0.64 -0.77	28.59 0.56 -0.27	42.69 0.37 -1.48	40.17 0.33 -1.46	42.94 0.79 -1.73	29.64 0.70 -0.58	42.29 1.13 -1.36	43.51 1.18 -1.29	45.46 1.09 -1.30	45.59 0.97 -1.31	50.25 1.17 -1.50	38.45 0.24 -0.46	44.12 0.06 -0.93	54.26 -0.39 -2.09	64.70 -0.27 -3.20	51.12 0.07 -2.31	47.47 0.32 -2.01	41.08 0.53 -1.24	43.37 1.53 -1.54	42.43 1.42 -1.18
KEDC PORT_JEFF_GT2 24210	32.95 0.94 -0.11	28.17 0.89 -0.09	28.75 0.70 -0.16	27.09 0.55 -0.15	38.05 0.52 -1.50	28.42 0.48 -0.18	39.35 0.18 1.66	11.88 0.35 26.85	11.97 0.61 29.06	14.25 0.65 14.76	28.77 1.19 12.22	42.43 1.17 -0.22	42.60 0.99 1.46	21.57 1.29 23.04	49.23 1.62 -0.03	42.37 1.73 -2.88	44.36 2.13 0.90	53.52 1.92 0.96	62.91 1.69 0.55	49.46 0.91 0.18	43.58 0.51 2.06	19.56 0.34 20.09	40.55 0.38 0.14	40.53 0.70 0.00
KEDC PORT_JEFF_GT3 24211	32.95 0.94 -0.11	28.17 0.89 -0.09	28.75 0.70 -0.16	27.09 0.55 -0.15	38.05 0.52 -1.50	28.42 0.48 -0.18	39.35 0.18 1.66	11.88 0.35 26.85	11.97 0.61 29.06	14.25 0.65 14.76	28.77 1.19 12.22	42.43 1.17 -0.22	42.60 0.99 1.46	21.57 1.29 23.04	49.23 1.62 -0.03	42.37 1.73 -2.88	44.36 2.13 0.90	53.52 1.92 0.96	62.91 1.69 0.55	49.46 0.91 0.18	43.58 0.51 2.06	19.56 0.34 20.09	40.55 0.38 0.14	40.53 0.70 0.00
KEDC_GLWD_GT4 24219	33.37 1.36 -0.11	28.48 1.20 -0.09	29.14 1.09 -0.16	27.48 0.93 -0.15	38.65 1.12 -1.50	28.85 0.91 -0.18	41.40 1.08 0.51	29.73 1.08 9.72	31.05 1.28 10.65	27.05 1.02 2.32	50.17 1.62 -8.75	43.03 1.77 -0.22	44.50 1.85 0.42	40.13 2.02 5.21	57.53 2.46 -7.48	54.55 2.23 -14.56	54.79 2.62 -9.04	64.57 3.14 -8.87	64.90 3.26 0.13	50.75 2.06 0.04	45.89 1.38 0.63	34.14 1.03 6.21	41.20 0.95 0.05	41.20 1.37 0.00
KEDC_GLWD_GT5 24220	33.37 1.36 -0.11	28.48 1.20 -0.09	29.14 1.09 -0.16	27.48 0.93 -0.15	38.65 1.12 -1.50	28.85 0.91 -0.18	41.40 1.08 0.51	29.73 1.08 9.72	31.05 1.28 10.65	27.05 1.02 2.32	50.17 1.62 -8.75	43.03 1.77 -0.22	44.50 1.85 0.42	40.13 2.02 5.21	57.53 2.46 -7.48	54.55 2.23 -14.56	54.79 2.62 -9.04	64.57 3.14 -8.87	64.90 3.26 0.13	50.75 2.06 0.04	45.89 1.38 0.63	34.14 1.03 6.21	41.20 0.95 0.05	41.20 1.37 0.00
KENSICO____ 23655	33.12 1.11 -0.11	28.27 0.99 -0.09	28.96 0.90 -0.16	27.31 0.77 -0.15	38.43 0.91 -1.50	28.69 0.75 -0.18	41.97 1.02 -0.11	39.54 1.02 -0.14	41.68 1.10 -0.16	34.08 0.96 -4.76	42.02 1.40 -0.83	42.67 1.41 -0.22	44.66 1.59 0.00	45.40 1.82 -0.26	50.79 2.17 -1.03	40.23 2.06 -0.41	45.54 2.41 0.00	55.47 2.91 0.00	64.86 3.09 0.00	50.81 2.08 0.00	46.60 1.46 0.00	40.46 1.14 0.00	41.35 1.05 0.00	41.03 1.20 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.23 1.25 -0.08	28.22 0.97 -0.07	28.91 0.89 -0.12	27.29 0.79 -0.11	38.08 0.93 -1.11	28.64 0.75 -0.14	42.04 1.12 -0.09	39.61 1.12 -0.11	41.66 1.13 -0.12	32.76 0.86 -3.54	41.61 1.19 -0.62	42.33 1.12 -0.16	44.40 1.32 0.00	45.17 1.66 -0.19	50.22 1.88 -0.76	39.80 1.75 -0.30	41.90 2.22 3.45	55.03 2.94 0.46	65.10 3.32 0.00	51.09 2.36 0.00	46.89 1.76 0.00	40.65 1.33 0.00	41.57 1.28 0.00	41.12 1.30 0.00

KIAC_JFK_GT1 23816	33.14 1.12 -0.11	28.30 1.03 -0.09	28.97 0.91 -0.16	27.34 0.79 -0.15	38.35 0.82 -1.50	28.67 0.73 -0.18	41.95 1.00 -0.12	39.51 0.99 -0.14	41.66 1.08 -0.16	34.15 1.03 -4.77	55.31 1.32 -14.19	42.62 1.36 -0.22	44.62 1.55 0.00	45.39 1.81 -0.26	50.78 2.16 -1.03	40.48 2.13 -0.60	47.43 2.40 -1.90	56.86 2.92 -1.38	65.10 3.06 -0.27	50.89 2.07 -0.09	46.86 1.41 -0.30	40.95 1.15 -0.49	41.54 1.24 0.00	41.20 1.37 0.00
KIAC_JFK_GT2 23817	33.14 1.12 -0.11	28.30 1.03 -0.09	28.97 0.91 -0.16	27.34 0.79 -0.15	38.35 0.82 -1.50	28.67 0.73 -0.18	41.95 1.00 -0.12	39.51 0.99 -0.14	41.66 1.08 -0.16	34.15 1.03 -4.77	55.31 1.32 -14.19	42.62 1.36 -0.22	44.62 1.55 0.00	45.39 1.81 -0.26	50.78 2.16 -1.03	40.48 2.13 -0.60	47.43 2.40 -1.90	56.86 2.92 -1.38	65.10 3.06 -0.27	50.89 2.07 -0.09	46.86 1.41 -0.30	40.95 1.15 -0.49	41.54 1.24 0.00	41.20 1.37 0.00
KIAC_JFK____ 323774	33.14 1.12 -0.11	28.31 1.03 -0.09	28.97 0.91 -0.16	27.34 0.79 -0.15	38.35 0.82 -1.50	28.67 0.73 -0.18	41.96 1.01 -0.12	39.51 0.98 -0.14	41.65 1.08 -0.16	34.16 1.03 -4.77	55.32 1.34 -14.19	42.62 1.36 -0.22	44.62 1.55 0.00	45.39 1.81 -0.26	50.77 2.16 -1.03	40.48 2.13 -0.60	47.45 2.42 -1.90	56.82 2.89 -1.38	65.08 3.03 -0.27	50.90 2.08 -0.09	46.86 1.41 -0.30	40.96 1.15 -0.49	41.54 1.24 0.00	41.20 1.37 0.00
KINTIGH__24_KV_GSU 356498	32.33 0.02 -0.40	27.10 -0.19 -0.10	27.95 -0.10 -0.15	26.44 -0.03 -0.08	37.04 0.32 -0.70	28.31 0.31 -0.24	42.22 0.03 -1.35	39.69 -0.03 -1.34	42.36 0.36 -1.58	29.25 0.36 -0.53	41.73 0.69 -1.24	42.95 0.73 -1.18	44.81 0.54 -1.19	44.97 0.45 -1.19	49.60 0.64 -1.37	38.04 -0.14 -0.42	43.62 -0.37 -0.87	53.51 -1.01 -1.96	63.75 -1.02 -3.00	50.30 -0.60 -2.17	46.72 -0.30 -1.89	40.48 0.00 -1.16	42.70 0.96 -1.45	41.84 0.90 -1.11
KINTIGH____ 23543	32.30 0.00 -0.40	27.09 -0.20 -0.10	27.94 -0.11 -0.15	26.42 -0.05 -0.08	37.02 0.29 -0.70	28.30 0.29 -0.24	42.21 0.02 -1.35	39.66 -0.05 -1.34	42.32 0.31 -1.58	29.23 0.33 -0.53	41.71 0.67 -1.24	42.92 0.69 -1.18	44.78 0.51 -1.19	44.93 0.42 -1.19	49.55 0.60 -1.37	38.01 -0.17 -0.42	43.59 -0.41 -0.87	53.39 -1.12 -1.96	63.68 -1.09 -3.00	50.28 -0.61 -2.17	46.69 -0.33 -1.89	40.45 -0.03 -1.16	42.67 0.93 -1.45	41.81 0.87 -1.11
KNTFSRNC_46_KV_46KV_LOAD 80397	32.85 0.95 0.00	27.89 0.70 0.00	28.58 0.68 0.00	26.88 0.49 0.00	36.65 0.63 0.00	28.36 0.60 0.00	41.85 1.01 0.00	39.06 0.68 0.00	40.95 0.52 0.00	28.87 0.51 0.00	40.64 0.84 0.00	41.77 0.73 0.00	43.92 0.85 0.00	43.91 0.59 0.00	47.53 -0.06 0.00	37.90 0.14 0.00	42.93 -0.20 0.00	52.22 -0.34 0.00	61.98 0.20 0.00	49.30 0.57 0.00	46.30 1.17 0.00	40.52 1.20 0.00	41.91 1.61 0.00	41.33 1.51 0.00
LACHUTE____HYDRO 323717	34.05 2.25 0.10	29.19 2.08 0.08	29.90 2.14 0.13	28.28 2.01 0.12	37.59 2.82 1.26	29.98 2.38 0.15	44.51 3.77 0.10	41.47 3.21 0.12	43.14 2.85 0.13	26.06 1.70 4.00	41.41 2.31 0.70	43.46 2.60 0.19	46.19 3.12 0.00	45.81 2.70 0.21	49.91 3.19 0.86	39.77 2.36 0.34	47.03 3.90 0.00	57.09 4.53 0.00	67.30 5.52 0.00	53.47 4.74 0.00	49.31 4.18 0.00	42.51 3.19 0.00	43.33 3.03 0.00	42.76 2.93 0.00
LAWRNCV_115KV_TB1 80681	32.95 0.88 -0.17	27.88 0.65 -0.04	28.61 0.65 -0.06	26.97 0.54 -0.03	37.16 0.84 -0.29	28.59 0.73 -0.10	42.62 1.22 -0.57	40.02 1.09 -0.56	42.16 1.08 -0.66	29.27 0.69 -0.22	41.43 1.12 -0.52	42.74 1.20 -0.49	44.85 1.28 -0.50	44.93 1.11 -0.50	49.08 0.93 -0.57	38.51 0.58 -0.17	43.80 0.33 -0.34	53.50 0.19 -0.75	63.40 0.48 -1.15	50.07 0.51 -0.83	46.66 0.81 -0.72	40.81 1.05 -0.44	42.01 1.16 -0.55	41.35 1.10 -0.42
LEDERLE____ 23769	33.18 1.17 -0.11	28.30 1.03 -0.09	28.98 0.93 -0.15	27.34 0.80 -0.14	38.43 0.97 -1.43	28.75 0.82 -0.18	42.07 1.13 -0.11	39.63 1.12 -0.13	41.77 1.20 -0.15	33.91 1.01 -4.54	42.07 1.48 -0.79	42.80 1.55 -0.21	44.83 1.76 0.00	45.56 2.00 -0.24	50.98 2.41 -0.98	40.35 2.20 -0.39	45.71 2.58 0.00	55.74 3.18 0.00	65.25 3.47 0.00	51.08 2.35 0.00	46.82 1.69 0.00	40.60 1.28 0.00	41.48 1.18 0.00	41.13 1.31 0.00
LIGHTHSE_115KV_TB6 355974	33.42 0.27 -1.25	27.68 0.18 -0.32	28.55 0.18 -0.47	26.80 0.17 -0.24	38.42 0.24 -2.16	28.73 0.21 -0.76	45.49 0.49 -4.17	42.94 0.45 -4.11	45.71 0.41 -4.88	30.14 0.15 -1.64	43.75 0.13 -3.83	44.77 0.09 -3.64	46.67 -0.08 -3.67	46.67 -0.32 -3.67	51.38 -0.43 -4.22	38.53 -0.51 -1.29	45.03 -0.62 -2.52	57.81 -0.28 -5.53	70.55 0.30 -8.47	55.28 0.42 -6.12	50.73 0.26 -5.33	42.78 0.18 -3.28	44.58 0.20 -4.08	43.17 0.20 -3.13
LINDEN COGEN____ 23786	33.23 1.22 -0.11	28.35 1.08 -0.09	25.98 0.99 2.91	26.00 0.80 1.20	30.13 1.01 6.91	28.81 0.87 -0.18	42.12 1.17 -0.12	39.69 1.17 -0.14	41.86 1.28 -0.16	34.28 1.15 -4.77	42.21 1.59 -0.83	42.81 1.55 -0.22	44.80 1.73 0.00	45.56 1.98 -0.26	50.97 2.35 -1.03	40.46 2.29 -0.41	45.78 2.66 0.00	55.60 3.04 0.00	65.01 3.23 0.00	50.89 2.16 0.00	46.61 1.47 0.00	40.55 1.23 0.00	41.43 1.14 0.00	41.12 1.29 0.00
LINDHRST_69_KV_BK1 356055	33.38 1.37 -0.11	28.48 1.21 -0.09	29.11 1.05 -0.16	27.43 0.89 -0.15	38.55 1.02 -1.50	28.77 0.83 -0.18	40.08 0.71 1.47	15.11 0.83 24.10	15.46 1.16 26.12	16.63 1.03 12.76	34.59 1.66 6.86	42.90 1.64 -0.22	43.33 1.48 1.22	26.34 1.89 18.88	52.04 2.44 -2.01	46.24 2.39 -6.09	47.69 2.81 -1.75	57.60 3.31 -1.73	64.51 3.18 0.44	50.65 2.07 0.14	44.73 1.33 1.74	23.21 1.00 17.12	41.19 1.01 0.12	41.06 1.23 0.00
LIPA_MISC_IPP 23656	32.70 0.69 -0.11	27.97 0.69 -0.09	28.55 0.50 -0.16	26.92 0.37 -0.15	37.82 0.29 -1.50	28.25 0.31 -0.18	39.07 -0.10 1.67	11.59 0.17 26.96	11.75 0.50 29.17	14.09 0.57 14.84	28.41 0.99 12.37	42.19 0.93 -0.22	42.37 0.77 1.47	21.34 1.17 23.15	49.05 1.49 0.03	42.19 1.64 -2.79	44.21 2.05 0.97	53.86 2.35 1.04	63.20 1.98 0.56	49.61 1.05 0.18	43.42 0.35 2.07	19.35 0.20 20.18	40.38 0.22 0.14	40.33 0.50 0.00
LISF__SOLAR 323691	32.76 0.74 -0.11	28.01 0.73 -0.09	28.59 0.53 -0.16	26.95 0.41 -0.15	37.87 0.34 -1.50	28.30 0.36 -0.18	39.17 0.00 1.67	11.69 0.23 26.92	11.87 0.57 29.13	14.17 0.62 14.81	28.49 1.01 12.31	42.22 0.96 -0.22	42.41 0.80 1.46	21.36 1.15 23.11	49.05 1.47 0.01	42.25 1.66 -2.82	44.30 2.11 0.94	53.80 2.25 1.01	63.27 2.05 0.56	49.73 1.17 0.18	43.53 0.46 2.07	19.45 0.28 20.14	40.46 0.30 0.14	40.41 0.58 0.00
LITTLE FALLS__HYD 24013	32.06 0.17 0.00	27.51 0.32 0.00	28.14 0.24 0.00	26.70 0.31 0.00	36.34 0.32 0.00	27.98 0.22 0.00	41.16 0.32 0.00	38.84 0.46 0.00	40.11 -0.31 0.00	27.57 -0.79 0.00	38.69 -1.10 0.00	39.34 -1.70 0.00	41.35 -1.72 0.00	41.90 -1.42 0.00	45.79 -1.79 0.00	36.35 -1.41 0.00	41.83 -1.30 0.00	52.96 0.41 0.00	62.36 0.59 0.00	49.31 0.58 0.00	45.48 0.35 0.00	39.56 0.24 0.00	40.31 0.01 0.00	39.85 0.03 0.00

LITTLRIV_115KV_TB1 356100	33.40 1.33 -0.18	28.25 1.02 -0.04	28.98 1.01 -0.07	27.31 0.88 -0.04	37.67 1.33 -0.31	29.01 1.14 -0.11	43.31 1.88 -0.60	40.68 1.70 -0.59	42.80 1.67 -0.71	29.61 1.02 -0.24	41.92 1.57 -0.55	43.26 1.70 -0.53	45.41 1.81 -0.53	45.39 1.54 -0.53	49.42 1.23 -0.61	38.67 0.73 -0.19	43.99 0.50 -0.36	54.03 0.68 -0.80	64.41 1.42 -1.22	50.96 1.35 -0.88	47.47 1.56 -0.77	41.50 1.71 -0.47	42.67 1.78 -0.59	41.95 1.67 -0.45
LI_NEWBRDGE___DRP 323616	32.96 0.95 -0.11	28.15 0.87 -0.09	28.79 0.73 -0.16	27.14 0.60 -0.15	38.18 0.65 -1.50	28.46 0.52 -0.18	39.32 0.30 1.82	9.72 0.39 29.05	9.66 0.64 31.40	12.66 0.67 16.37	25.75 1.14 15.18	42.39 1.13 -0.22	42.49 1.01 1.60	19.18 1.38 25.51	48.12 1.79 1.26	40.34 1.82 -0.76	42.76 2.12 2.49	52.37 2.51 2.69	63.48 2.32 0.61	49.94 1.41 0.20	43.64 0.75 2.25	17.98 0.51 21.85	40.60 0.45 0.15	40.54 0.71 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.46 0.14 -0.43	27.12 -0.18 -0.11	27.98 -0.08 -0.16	26.47 -0.01 -0.08	37.17 0.41 -0.74	28.39 0.38 -0.26	42.23 -0.03 -1.42	39.63 -0.15 -1.41	42.38 0.29 -1.67	29.29 0.38 -0.56	41.78 0.68 -1.31	43.03 0.74 -1.24	44.92 0.59 -1.25	45.01 0.43 -1.26	49.51 0.49 -1.44	37.88 -0.32 -0.44	43.33 -0.71 -0.91	53.10 -1.51 -2.05	63.48 -1.43 -3.14	50.22 -0.78 -2.27	46.75 -0.37 -1.98	40.56 0.03 -1.21	42.94 1.13 -1.52	42.18 1.19 -1.16
LOCKPORT___CC1 323769	32.43 0.11 -0.43	27.10 -0.20 -0.11	27.97 -0.10 -0.16	26.45 -0.03 -0.08	37.16 0.39 -0.74	28.37 0.35 -0.26	42.21 -0.05 -1.43	39.66 -0.13 -1.41	42.41 0.31 -1.67	29.29 0.37 -0.56	41.77 0.67 -1.31	43.03 0.74 -1.25	44.92 0.59 -1.26	45.01 0.42 -1.26	49.48 0.45 -1.45	37.84 -0.35 -0.44	43.31 -0.73 -0.91	53.20 -1.41 -2.05	63.54 -1.38 -3.15	50.23 -0.78 -2.27	46.74 -0.37 -1.98	40.55 0.02 -1.22	42.94 1.13 -1.52	42.16 1.17 -1.16
LOCKPORT___CC2 323770	32.43 0.11 -0.43	27.10 -0.20 -0.11	27.97 -0.10 -0.16	26.45 -0.03 -0.08	37.16 0.39 -0.74	28.37 0.35 -0.26	42.21 -0.05 -1.43	39.66 -0.13 -1.41	42.41 0.31 -1.67	29.29 0.37 -0.56	41.77 0.67 -1.31	43.03 0.74 -1.25	44.92 0.59 -1.26	45.01 0.42 -1.26	49.48 0.45 -1.45	37.84 -0.35 -0.44	43.31 -0.73 -0.91	53.20 -1.41 -2.05	63.54 -1.38 -3.15	50.23 -0.78 -2.27	46.74 -0.37 -1.98	40.55 0.02 -1.22	42.94 1.13 -1.52	42.16 1.17 -1.16
LOCKPORT___CC3 323771	32.43 0.11 -0.43	27.10 -0.20 -0.11	27.97 -0.10 -0.16	26.45 -0.03 -0.08	37.16 0.39 -0.74	28.37 0.35 -0.26	42.21 -0.05 -1.43	39.66 -0.13 -1.41	42.41 0.31 -1.67	29.29 0.37 -0.56	41.77 0.67 -1.31	43.03 0.74 -1.25	44.92 0.59 -1.26	45.01 0.42 -1.26	49.48 0.45 -1.45	37.84 -0.35 -0.44	43.31 -0.73 -0.91	53.20 -1.41 -2.05	63.54 -1.38 -3.15	50.23 -0.78 -2.27	46.74 -0.37 -1.98	40.55 0.02 -1.22	42.94 1.13 -1.52	42.16 1.17 -1.16
LOCUSVLY_69_KV_BK2 55797	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.05 -0.16	27.45 0.90 -0.15	38.59 1.06 -1.50	28.79 0.85 -0.18	40.88 0.86 0.82	24.93 0.90 14.35	25.94 1.15 15.63	23.68 1.01 5.68	44.84 1.63 -3.40	42.97 1.71 -0.22	44.12 1.70 0.66	36.09 2.04 9.27	55.78 2.49 -5.70	51.89 2.35 -11.77	52.89 2.73 -7.03	62.31 3.30 -6.45	64.80 3.27 0.24	50.75 2.10 0.08	45.51 1.37 1.00	30.49 1.02 9.84	41.18 0.95 0.07	41.06 1.23 0.00
LONG_LAKE_PHOENIX 24014	32.38 -0.20 -0.68	27.14 -0.22 -0.17	27.93 -0.22 -0.26	26.33 -0.19 -0.13	36.98 -0.23 -1.18	28.06 -0.12 -0.42	42.94 -0.18 -2.28	40.50 -0.13 -2.25	42.99 -0.10 -2.67	29.18 -0.07 -0.89	41.78 -0.11 -2.10	42.86 -0.17 -1.99	44.91 -0.17 -2.01	45.04 -0.29 -2.01	49.57 -0.33 -2.31	38.08 -0.39 -0.70	44.16 -0.35 -1.38	55.40 -0.17 -3.01	66.43 0.04 -4.61	52.09 0.03 -3.33	47.98 -0.06 -2.91	40.98 -0.12 -1.78	42.42 -0.10 -2.22	41.38 -0.16 -1.71
LOVETT___3 23632	32.99 0.98 -0.11	28.16 0.89 -0.09	28.84 0.79 -0.15	27.20 0.67 -0.14	38.24 0.77 -1.45	28.59 0.65 -0.18	41.81 0.87 -0.11	39.38 0.87 -0.14	41.50 0.93 -0.15	33.77 0.82 -4.59	41.80 1.20 -0.80	42.49 1.23 -0.21	44.49 1.42 0.00	45.22 1.65 -0.25	50.58 2.00 -0.99	40.04 1.89 -0.39	45.34 2.21 0.00	55.26 2.70 0.00	64.67 2.89 0.00	50.66 1.93 0.00	46.46 1.32 0.00	40.31 0.99 0.00	41.20 0.90 0.00	40.87 1.05 0.00
LOVETT___4 23642	32.99 0.98 -0.11	28.16 0.89 -0.09	28.84 0.79 -0.15	27.20 0.67 -0.14	38.24 0.77 -1.45	28.59 0.65 -0.18	41.81 0.87 -0.11	39.38 0.87 -0.14	41.50 0.93 -0.15	33.77 0.82 -4.59	41.80 1.20 -0.80	42.49 1.23 -0.21	44.49 1.42 0.00	45.22 1.65 -0.25	50.58 2.00 -0.99	40.04 1.89 -0.39	45.34 2.21 0.00	55.26 2.70 0.00	64.67 2.89 0.00	50.66 1.93 0.00	46.46 1.32 0.00	40.31 0.99 0.00	41.20 0.90 0.00	40.87 1.05 0.00
LOVETT___5 23593	32.99 0.98 -0.11	28.16 0.89 -0.09	28.84 0.79 -0.15	27.20 0.67 -0.14	38.24 0.77 -1.45	28.59 0.65 -0.18	41.81 0.87 -0.11	39.38 0.87 -0.14	41.50 0.93 -0.15	33.77 0.82 -4.59	41.80 1.20 -0.80	42.49 1.23 -0.21	44.49 1.42 0.00	45.22 1.65 -0.25	50.58 2.00 -0.99	40.04 1.89 -0.39	45.34 2.21 0.00	55.26 2.70 0.00	64.67 2.89 0.00	50.66 1.93 0.00	46.46 1.32 0.00	40.31 0.99 0.00	41.20 0.90 0.00	40.87 1.05 0.00
LOWER RAQUET___HYD 24057	33.06 0.97 -0.19	27.96 0.73 -0.05	28.68 0.71 -0.07	27.03 0.60 -0.04	37.28 0.92 -0.33	28.67 0.80 -0.12	42.81 1.34 -0.64	40.20 1.20 -0.63	42.35 1.18 -0.75	29.35 0.75 -0.25	41.57 1.19 -0.58	42.86 1.26 -0.56	44.98 1.35 -0.56	45.04 1.15 -0.56	49.17 0.93 -0.65	38.52 0.57 -0.20	43.78 0.27 -0.38	53.53 0.13 -0.84	63.53 0.46 -1.29	50.21 0.54 -0.94	46.80 0.85 -0.82	40.94 1.12 -0.50	42.17 1.25 -0.62	41.49 1.18 -0.48
LOWER___HUDSON 24059	32.07 0.30 0.13	27.45 0.37 0.11	28.08 0.36 0.18	26.58 0.36 0.17	34.75 0.43 1.70	27.89 0.34 0.21	41.18 0.48 0.13	38.60 0.38 0.16	40.53 0.28 0.18	23.09 0.13 5.40	38.87 0.02 0.94	40.86 0.06 0.25	43.25 0.18 0.00	43.22 0.19 0.29	46.69 0.27 1.17	37.62 0.33 0.46	43.54 0.41 0.00	53.05 0.50 0.00	62.41 0.63 0.00	49.20 0.47 0.00	45.53 0.40 0.00	39.62 0.30 0.00	40.54 0.24 0.00	40.17 0.34 0.00
LOWVILLE_115KV_TB2 356335	33.71 1.39 -0.42	28.40 1.11 -0.11	29.17 1.11 -0.16	27.52 1.05 -0.08	38.19 1.43 -0.73	29.15 1.14 -0.26	44.23 1.98 -1.41	41.53 1.76 -1.39	43.77 1.69 -1.65	29.85 0.94 -0.55	42.25 1.15 -1.30	43.38 1.11 -1.23	45.30 0.98 -1.25	44.95 0.38 -1.25	49.29 0.27 -1.43	38.20 0.00 -0.44	43.72 -0.26 -0.85	54.95 0.52 -1.87	66.21 1.57 -2.87	52.52 1.71 -2.07	48.25 1.31 -1.81	41.45 1.03 -1.11	42.73 1.05 -1.38	42.04 1.15 -1.06
LUTHERFT_115KV_GLOB_FND_222 355753	32.62 0.82 0.10	27.88 0.78 0.08	28.56 0.80 0.14	27.04 0.78 0.13	35.76 1.03 1.31	28.38 0.79 0.16	41.98 1.24 0.10	39.34 1.08 0.12	41.26 0.97 0.13	24.77 0.56 4.14	39.74 0.66 0.72	41.60 0.75 0.19	43.95 0.88 0.00	43.96 0.86 0.22	47.75 1.05 0.90	38.25 0.84 0.35	44.31 1.18 0.00	54.15 1.59 0.00	63.75 1.98 0.00	50.27 1.54 0.00	46.47 1.33 0.00	40.37 1.05 0.00	41.28 0.99 0.00	40.84 1.02 0.00

LUTHERNY_35_KV_BK2 355980	32.62 0.83 0.10	27.88 0.78 0.08	28.57 0.81 0.14	27.06 0.79 0.13	35.77 1.05 1.31	28.40 0.80 0.16	42.03 1.30 0.10	39.37 1.12 0.12	41.28 1.00 0.13	24.80 0.59 0.14	39.76 0.69 0.72	41.63 0.78 0.19	44.00 0.93 0.00	44.00 0.90 0.22	47.77 1.08 0.90	38.25 0.84 0.35	44.37 1.24 0.00	54.26 1.70 0.00	63.82 2.04 0.00	50.32 1.59 0.00	46.51 1.37 0.00	40.38 1.06 0.00	41.29 1.00 0.00	40.85 1.02 0.00
LWR___OSWEGATCHIE_HYD 23850	33.45 1.20 -0.35	28.20 0.93 -0.09	28.97 0.94 -0.13	27.30 0.84 -0.07	37.83 1.19 -0.61	28.96 0.99 -0.22	43.73 1.71 -1.19	41.08 1.52 -1.17	43.30 1.49 -1.39	29.67 0.84 -0.46	42.05 1.16 -1.09	43.26 1.18 -1.04	45.26 1.15 -1.05	45.09 0.72 -1.05	49.35 0.56 -1.20	38.30 0.18 -0.37	43.73 -0.12 -0.72	54.34 0.21 -1.57	65.14 0.96 -2.41	51.57 1.09 -1.74	47.70 1.05 -1.52	41.36 1.11 -0.93	42.64 1.18 -1.16	41.91 1.19 -0.89
LYONS_FALL_HYD 23570	33.37 1.14 -0.33	28.18 0.91 -0.08	28.94 0.92 -0.13	27.33 0.87 -0.06	37.79 1.19 -0.58	28.91 0.95 -0.20	43.59 1.63 -1.12	40.95 1.47 -1.10	43.16 1.43 -1.30	29.63 0.84 -0.44	41.90 1.08 -1.02	43.03 1.02 -0.97	45.02 0.96 -0.98	44.87 0.57 -0.98	49.22 0.51 -1.13	38.38 0.27 -0.34	43.98 0.18 -0.67	54.88 0.84 -1.47	65.69 1.66 -2.26	51.95 1.59 -1.63	47.83 1.28 -1.42	41.20 1.01 -0.87	42.39 1.00 -1.09	41.69 1.03 -0.84
MADISON___COUNTY_LFGE 323628	33.19 0.87 -0.43	27.97 0.68 -0.11	28.71 0.65 -0.16	27.12 0.64 -0.08	37.67 0.91 -0.74	28.78 0.77 -0.26	43.55 1.29 -1.42	41.00 1.22 -1.40	43.30 1.21 -1.67	29.72 0.80 -0.56	42.18 1.07 -1.31	43.24 0.96 -1.24	45.31 0.99 -1.25	45.41 0.84 -1.25	49.89 0.87 -1.44	38.86 0.66 -0.44	44.81 0.83 -0.85	55.82 1.39 -1.87	66.70 2.05 -2.87	52.49 1.69 -2.07	48.37 1.43 -1.81	41.54 1.12 -1.11	42.75 1.08 -1.38	41.89 1.00 -1.06
MALONE___115KV_TB1 356076	32.83 0.93 0.00	27.87 0.68 0.00	28.54 0.64 0.00	26.88 0.48 0.00	36.75 0.72 0.00	28.45 0.70 0.00	42.03 1.19 0.00	39.41 1.03 0.00	41.42 1.00 0.00	29.07 0.72 0.00	40.96 1.17 0.00	42.19 1.15 0.00	44.31 1.24 0.00	44.34 1.02 0.00	48.34 0.75 0.00	38.34 0.58 0.00	43.36 0.23 0.00	52.70 0.14 0.00	62.46 0.69 0.00	49.60 0.87 0.00	46.47 1.33 0.00	40.68 1.36 0.00	41.81 1.51 0.00	41.22 1.39 0.00
MAPLEWOD_115KV_TB3 80458	31.93 0.11 0.09	27.32 0.20 0.07	27.98 0.20 0.12	26.49 0.20 0.11	35.08 0.19 1.14	27.79 0.17 0.14	40.92 0.17 0.09	38.44 0.17 0.11	40.39 0.09 0.12	24.72 -0.01 3.63	38.97 -0.19 0.63	40.69 -0.18 0.17	42.98 -0.09 0.00	43.07 -0.05 0.19	46.84 0.04 0.79	37.63 0.18 0.31	43.32 0.19 0.00	52.80 0.24 0.00	62.06 0.29 0.00	48.93 0.20 0.00	45.24 0.11 0.00	39.31 -0.01 0.00	40.20 -0.10 0.00	39.86 0.04 0.00
MAPLE_RIDGE_WT_1 323574	31.96 0.06 0.00	27.24 0.05 0.00	27.95 0.05 0.00	26.43 0.03 0.00	36.01 -0.02 0.00	27.72 -0.04 0.00	40.83 0.00 0.00	38.45 0.07 0.00	40.45 0.03 0.00	28.34 -0.02 0.00	39.80 0.00 0.00	41.07 0.03 0.00	43.11 0.04 0.00	43.22 -0.10 0.00	47.42 -0.17 0.00	37.51 -0.25 0.00	42.84 -0.29 0.00	52.21 -0.35 0.00	61.42 -0.36 0.00	48.54 -0.19 0.00	44.97 -0.17 0.00	39.20 -0.12 0.00	40.17 -0.12 0.00	39.67 -0.16 0.00
MAPLE_RIDGE_WT_2 323611	31.96 0.06 0.00	27.24 0.05 0.00	27.95 0.05 0.00	26.43 0.03 0.00	36.01 -0.02 0.00	27.72 -0.04 0.00	40.83 0.00 0.00	38.45 0.07 0.00	40.45 0.03 0.00	28.34 -0.02 0.00	39.80 0.00 0.00	41.07 0.03 0.00	43.11 0.04 0.00	43.22 -0.10 0.00	47.42 -0.17 0.00	37.51 -0.25 0.00	42.84 -0.29 0.00	52.21 -0.35 0.00	61.42 -0.36 0.00	48.54 -0.19 0.00	44.97 -0.17 0.00	39.20 -0.12 0.00	40.17 -0.12 0.00	39.67 -0.16 0.00
MARBLE_RIVER_WT_PWR 323696	32.51 0.62 0.00	27.59 0.41 0.00	28.30 0.40 0.00	26.60 0.21 0.00	36.18 0.16 0.00	28.05 0.29 0.00	41.40 0.56 0.00	38.56 0.18 0.00	40.47 0.05 0.00	28.62 0.26 0.00	40.30 0.50 0.00	41.31 0.27 0.00	43.54 0.47 0.00	43.46 0.14 0.00	46.88 -0.71 0.00	37.47 -0.29 0.00	42.39 -0.74 0.00	51.59 -0.97 0.00	61.18 -0.59 0.00	48.70 -0.04 0.00	45.85 0.72 0.00	40.14 0.82 0.00	41.64 1.34 0.00	41.13 1.31 0.00
MARSHVLE_115KV_TB1 80742	33.35 1.51 0.05	28.38 1.24 0.04	29.05 1.23 0.07	27.51 1.19 0.07	36.96 1.64 0.71	28.94 1.27 0.09	42.77 1.99 0.05	40.42 2.11 0.07	42.08 1.74 0.07	27.06 0.95 2.24	40.70 1.29 0.39	42.16 1.22 0.10	43.87 0.80 0.00	44.09 0.89 0.12	48.15 1.05 0.49	38.20 0.63 0.19	43.77 0.64 0.00	54.35 1.80 0.00	64.83 3.06 0.00	51.36 2.62 0.00	47.60 2.47 0.00	41.48 2.16 0.00	42.43 2.13 0.00	41.88 2.05 0.00
MARSH_HILL_WT_PWR 323713	32.25 -0.24 -0.59	27.01 -0.32 -0.15	27.77 -0.35 -0.22	26.23 -0.28 -0.11	37.19 0.14 -1.02	28.34 0.22 -0.36	43.11 0.30 -1.98	40.58 0.25 -1.95	43.21 0.48 -2.31	29.32 0.19 -0.77	41.54 -0.07 -1.82	42.70 -0.07 -1.72	44.40 -0.41 -1.74	44.87 -0.19 -1.74	49.52 -0.06 -2.00	37.91 -0.45 -0.61	43.39 -0.87 -1.13	54.42 -0.66 -2.52	65.61 -0.03 -3.86	52.13 0.60 -2.79	48.15 0.58 -2.43	41.40 0.59 -1.49	43.41 1.25 -1.86	42.38 1.13 -1.43
MCINTYRE_115KV_TB2 80467	33.48 1.42 -0.17	28.33 1.10 -0.04	29.06 1.10 -0.06	27.40 0.97 -0.03	37.76 1.45 -0.28	29.11 1.25 -0.10	43.41 2.03 -0.55	40.77 1.85 -0.54	42.86 1.80 -0.64	29.63 1.06 -0.21	41.95 1.65 -0.50	43.36 1.84 -0.48	45.49 1.93 -0.48	45.44 1.64 -0.48	49.51 1.37 -0.56	38.73 0.81 -0.17	44.12 0.66 -0.33	54.28 0.99 -0.72	64.70 1.82 -1.11	51.21 1.67 -0.80	47.68 1.84 -0.70	41.66 1.91 -0.43	42.78 1.95 -0.53	42.05 1.82 -0.41
MECO_____69_KV_BK1 80468	33.45 1.62 0.06	28.49 1.36 0.05	29.17 1.35 0.08	27.63 1.31 0.08	37.02 1.79 0.79	29.06 1.41 0.10	43.01 2.24 0.06	40.62 2.31 0.07	42.22 1.88 0.08	26.74 0.88 2.50	40.50 1.15 0.44	41.73 0.80 0.12	43.49 0.42 0.00	43.70 0.51 0.13	47.76 0.72 0.54	37.96 0.41 0.21	43.56 0.43 0.00	54.44 1.88 0.00	65.27 3.50 0.00	51.76 3.02 0.00	47.91 2.77 0.00	41.64 2.32 0.00	42.56 2.27 0.00	41.99 2.16 0.00
MENANDS___115KV_TB5 355628	31.70 -0.11 0.09	27.14 0.03 0.07	27.78 0.01 0.12	26.31 0.03 0.11	34.84 -0.05 1.14	27.61 -0.01 0.14	40.63 -0.12 0.09	38.16 -0.11 0.11	40.10 -0.20 0.12	24.54 -0.21 3.61	38.71 -0.46 0.63	40.42 -0.45 0.17	42.72 -0.36 0.00	42.79 -0.33 0.19	46.52 -0.28 0.78	37.40 -0.06 0.31	43.04 -0.09 0.00	52.40 -0.15 0.00	61.55 -0.23 0.00	48.53 -0.20 0.00	44.87 -0.27 0.00	39.00 -0.32 0.00	39.88 -0.41 0.00	39.57 -0.26 0.00
MG INDUSTRY___DRP 24185	31.92 0.06 0.04	27.33 0.18 0.04	28.03 0.19 0.06	26.55 0.21 0.06	35.68 0.23 0.57	27.85 0.16 0.07	41.33 0.53 0.04	40.45 2.13 0.05	42.23 1.86 0.06	26.76 0.08 1.68	38.88 -0.62 0.29	40.95 -0.02 0.08	43.39 0.31 0.00	42.90 -0.32 0.09	46.93 -0.29 0.37	38.15 0.54 0.15	32.12 -0.28 10.73	51.03 -0.08 1.45	61.71 -0.07 0.00	48.58 -0.15 0.00	44.97 -0.17 0.00	39.10 -0.22 0.00	40.03 -0.27 0.00	39.76 -0.07 0.00

MID___OSWEGATCHIE_HYD 23849	33.45 1.20 -0.35	28.20 0.93 -0.09	28.97 0.94 -0.13	27.30 0.84 -0.07	37.83 1.19 -0.61	28.96 0.99 -0.22	43.73 1.71 -1.19	41.08 1.52 -1.17	43.30 1.49 -1.39	29.67 0.84 -0.46	42.05 1.16 -1.09	43.26 1.18 -1.04	45.26 1.15 -1.05	45.09 0.72 -1.05	49.35 0.56 -1.20	38.30 0.18 -0.37	43.73 -0.12 -0.72	54.34 0.21 -1.57	65.14 0.96 -2.41	51.57 1.09 -1.74	47.70 1.05 -1.52	41.36 1.11 -0.93	42.64 1.18 -1.16	41.91 1.19 -0.89
MID___RAQUETTE_HYD 23851	33.06 0.97 -0.19	27.96 0.72 -0.05	28.68 0.71 -0.07	27.03 0.60 -0.04	37.28 0.92 -0.33	28.67 0.80 -0.12	42.81 1.34 -0.64	40.20 1.20 -0.63	42.34 1.18 -0.75	29.36 0.75 -0.25	41.57 1.19 -0.58	42.86 1.26 -0.56	44.98 1.35 -0.56	45.04 1.15 -0.56	49.17 0.94 -0.65	38.52 0.57 -0.20	43.78 0.27 -0.38	53.53 0.13 -0.84	63.53 0.46 -1.29	50.20 0.54 -0.94	46.80 0.85 -0.82	40.94 1.12 -0.50	42.17 1.25 -0.62	41.49 1.19 -0.48
MILLIKEN___1 23584	33.24 0.51 -0.83	27.81 0.41 -0.21	28.63 0.42 -0.31	26.98 0.43 -0.16	38.04 0.57 -1.44	28.81 0.54 -0.51	44.50 0.88 -2.79	41.97 0.85 -2.75	44.58 0.89 -3.26	30.04 0.59 -1.09	43.12 0.76 -2.56	44.06 0.59 -2.43	45.94 0.42 -2.45	46.17 0.39 -2.46	50.81 0.41 -2.82	38.74 0.12 -0.86	45.10 0.33 -1.65	57.11 0.94 -3.61	68.79 1.49 -5.52	53.94 1.22 -3.99	49.67 1.06 -3.48	42.22 0.77 -2.13	43.83 0.87 -2.66	42.59 0.72 -2.04
MILLIKEN___2 23585	33.24 0.51 -0.83	27.81 0.41 -0.21	28.63 0.42 -0.31	26.98 0.43 -0.16	38.04 0.57 -1.44	28.81 0.54 -0.51	44.50 0.88 -2.79	41.97 0.85 -2.75	44.58 0.89 -3.26	30.04 0.59 -1.09	43.12 0.76 -2.56	44.06 0.59 -2.43	45.94 0.42 -2.45	46.17 0.39 -2.46	50.81 0.41 -2.82	38.74 0.12 -0.86	45.10 0.33 -1.65	57.11 0.94 -3.61	68.79 1.49 -5.52	53.94 1.22 -3.99	49.67 1.06 -3.48	42.22 0.77 -2.13	43.83 0.87 -2.66	42.59 0.72 -2.04
MILLIKEN___DIESEL 23629	33.24 0.51 -0.83	27.81 0.41 -0.21	28.63 0.42 -0.31	26.98 0.43 -0.16	38.04 0.57 -1.44	28.81 0.54 -0.51	44.50 0.88 -2.79	41.97 0.85 -2.75	44.58 0.89 -3.26	30.04 0.59 -1.09	43.12 0.76 -2.56	44.06 0.59 -2.43	45.94 0.42 -2.45	46.17 0.39 -2.46	50.81 0.41 -2.82	38.74 0.12 -0.86	45.10 0.33 -1.65	57.11 0.94 -3.61	68.79 1.49 -5.52	53.94 1.22 -3.99	49.67 1.06 -3.48	42.22 0.77 -2.13	43.83 0.87 -2.66	42.59 0.72 -2.04
MILLSEAT___LFGE 323607	33.11 0.79 -0.42	27.68 0.39 -0.11	28.53 0.48 -0.16	26.99 0.51 -0.08	37.85 1.09 -0.73	28.93 0.92 -0.25	43.21 0.97 -1.41	40.70 0.93 -1.39	43.45 1.39 -1.64	29.96 1.05 -0.55	42.65 1.57 -1.29	43.79 1.52 -1.22	45.56 1.25 -1.24	45.64 1.08 -1.24	50.21 1.20 -1.43	38.51 0.31 -0.43	44.00 -0.03 -0.90	54.33 -0.28 -2.05	65.10 0.19 -3.14	51.47 0.47 -2.27	47.81 0.70 -1.97	41.38 0.85 -1.21	43.59 1.78 -1.51	42.74 1.75 -1.16
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.04 1.03 -0.11	28.20 0.93 -0.09	28.90 0.84 -0.16	27.26 0.71 -0.15	38.36 0.83 -1.50	28.64 0.70 -0.18	41.89 0.94 -0.11	39.45 0.93 -0.14	41.57 0.99 -0.15	33.98 0.88 -4.75	41.90 1.28 -0.83	42.56 1.29 -0.22	44.55 1.48 0.00	45.27 1.69 -0.26	50.64 2.03 -1.03	40.09 1.93 -0.41	45.41 2.28 0.00	55.31 2.75 0.00	64.72 2.94 0.00	50.70 1.97 0.00	46.51 1.37 0.00	40.37 1.05 0.00	41.27 0.97 0.00	40.94 1.12 0.00
MILLWOOD_13_KV_LOAD 356217	33.09 1.08 -0.11	28.25 0.98 -0.09	28.93 0.88 -0.16	27.30 0.75 -0.15	38.41 0.89 -1.50	28.68 0.74 -0.18	41.95 0.99 -0.11	39.51 0.99 -0.14	41.64 1.06 -0.15	34.03 0.92 -4.75	41.97 1.35 -0.83	42.62 1.36 -0.22	44.62 1.55 0.00	45.35 1.78 -0.26	50.74 2.12 -1.03	40.18 2.01 -0.41	45.54 2.41 0.00	55.49 2.93 0.00	64.93 3.16 0.00	50.87 2.14 0.00	46.66 1.53 0.00	40.48 1.16 0.00	41.37 1.07 0.00	41.04 1.21 0.00
MODEL_CITY_ENERGY 24167	32.23 -0.10 -0.43	26.91 -0.38 -0.11	27.77 -0.29 -0.16	26.28 -0.20 -0.08	36.92 0.16 -0.74	28.18 0.16 -0.26	41.85 -0.41 -1.43	39.28 -0.51 -1.41	42.02 -0.08 -1.67	29.06 0.14 -0.56	41.44 0.34 -1.31	42.71 0.42 -1.25	44.57 0.24 -1.26	44.69 0.11 -1.26	49.14 0.11 -1.45	37.58 -0.62 -0.44	42.97 -1.07 -0.91	52.66 -1.94 -2.05	62.82 -2.09 -3.14	49.66 -1.34 -2.27	46.26 -0.85 -1.98	40.17 -0.36 -1.21	42.57 0.77 -1.51	41.88 0.89 -1.16
MODERN_LFGE___ 323580	32.23 -0.10 -0.43	26.91 -0.38 -0.11	27.77 -0.29 -0.16	26.28 -0.20 -0.08	36.92 0.16 -0.74	28.18 0.16 -0.26	41.85 -0.41 -1.43	39.28 -0.51 -1.41	42.02 -0.08 -1.67	29.06 0.14 -0.56	41.44 0.34 -1.31	42.71 0.42 -1.25	44.57 0.24 -1.26	44.69 0.11 -1.26	49.14 0.11 -1.45	37.58 -0.62 -0.44	42.97 -1.07 -0.91	52.66 -1.94 -2.05	62.82 -2.09 -3.14	49.66 -1.34 -2.27	46.26 -0.85 -1.98	40.17 -0.36 -1.21	42.57 0.77 -1.51	41.88 0.89 -1.16
MOHAWK_PAPER___DRP 24187	31.93 0.11 0.09	27.32 0.20 0.07	27.98 0.20 0.12	26.49 0.20 0.11	35.08 0.19 1.14	27.79 0.17 0.14	40.92 0.17 0.09	38.44 0.17 0.11	40.39 0.09 0.12	24.72 -0.01 3.63	38.97 -0.19 0.63	40.69 -0.18 0.17	42.98 -0.09 0.00	43.07 -0.05 0.19	46.84 0.04 0.79	37.63 0.18 0.31	43.32 0.19 0.00	52.80 0.24 0.00	62.06 0.29 0.00	48.93 0.20 0.00	45.24 0.11 0.00	39.31 -0.01 0.00	40.20 -0.10 0.00	39.86 0.04 0.00
MOHICAN___35_KV_115KV_LD 80490	32.73 0.93 0.10	28.00 0.90 0.08	28.71 0.95 0.14	27.18 0.91 0.13	35.98 1.23 1.28	28.53 0.94 0.16	42.27 1.53 0.10	39.57 1.31 0.12	41.43 1.14 0.13	24.89 0.59 4.06	39.79 0.70 0.71	41.69 0.83 0.19	44.10 1.03 0.00	44.03 0.93 0.22	47.87 1.16 0.88	38.27 0.85 0.35	44.59 1.47 0.00	54.41 1.85 0.00	64.13 2.35 0.00	50.66 1.93 0.00	46.79 1.65 0.00	40.62 1.30 0.00	41.48 1.19 0.00	41.04 1.21 0.00
MONGAUP___HYD 23641	33.10 1.10 -0.10	28.23 0.97 -0.08	28.93 0.89 -0.14	27.31 0.79 -0.13	38.29 0.95 -1.32	28.69 0.77 -0.16	42.07 1.13 -0.10	39.61 1.11 -0.12	41.57 1.01 -0.14	33.14 0.58 -4.20	41.21 0.68 -0.73	41.92 0.68 -0.20	43.90 0.82 0.00	44.56 1.01 -0.23	49.77 1.27 -0.91	39.42 1.30 -0.36	44.79 1.67 0.00	54.91 2.36 0.00	64.83 3.06 0.00	51.01 2.28 0.00	46.89 1.75 0.00	40.66 1.34 0.00	41.57 1.28 0.00	41.13 1.31 0.00
MONTAUK___DIESEL 23721	32.02 0.01 -0.11	27.39 0.12 -0.09	27.97 -0.08 -0.16	26.39 -0.15 -0.15	37.31 -0.22 -1.50	28.23 0.29 -0.18	39.57 0.40 1.67	12.17 0.72 26.94	13.03 1.76 29.15	15.10 1.56 14.82	29.91 2.46 12.34	43.81 2.54 -0.22	44.08 2.47 1.47	23.07 2.88 23.14	51.05 3.48 0.02	43.73 3.17 -2.80	45.89 3.72 0.96	55.65 4.12 1.03	64.68 3.46 0.56	50.38 1.83 0.18	43.63 0.57 2.07	19.47 0.31 20.17	40.95 0.79 0.14	40.99 1.16 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.85 0.50 -0.45	27.54 0.24 -0.11	28.42 0.35 -0.17	26.85 0.37 -0.08	37.64 0.83 -0.77	28.92 0.89 -0.27	43.62 1.28 -1.50	41.18 1.32 -1.48	43.99 1.81 -1.76	30.27 1.32 -0.59	43.17 2.00 -1.38	44.44 2.09 -1.31	46.28 1.88 -1.32	46.20 1.55 -1.32	50.94 1.83 -1.52	38.89 0.67 -0.46	44.79 0.72 -0.94	55.39 0.73 -2.11	66.19 1.19 -3.23	52.13 1.06 -2.33	48.08 0.91 -2.03	41.52 0.95 -1.25	43.71 1.85 -1.56	42.76 1.74 -1.19

MORRIS_RIDGE___SOLAR 323848	32.30 -0.12 -0.52	27.07 -0.25 -0.13	27.89 -0.21 -0.20	26.34 -0.16 -0.10	37.08 0.15 -0.91	28.27 0.20 -0.32	42.68 0.09 -1.75	40.14 0.03 -1.73	42.71 0.23 -2.05	29.12 0.08 -0.69	41.18 -0.22 -1.61	42.43 -0.14 -1.53	44.20 -0.42 -1.54	44.59 -0.27 -1.55	49.03 -0.33 -1.77	37.69 -0.61 -0.54	43.13 -1.04 -1.05	53.98 -0.91 -2.33	64.91 -0.43 -3.57	51.40 0.09 -2.58	47.54 0.15 -2.25	40.96 0.26 -1.38	42.95 0.93 -1.72	41.97 0.83 -1.32
MORTIMER_115KV_TB3 55949	32.64 0.34 -0.40	27.42 0.13 -0.10	28.21 0.16 -0.15	26.66 0.18 -0.08	37.17 0.46 -0.69	28.44 0.44 -0.24	42.72 0.55 -1.33	40.25 0.55 -1.32	42.80 0.81 -1.56	29.47 0.59 -0.52	41.96 0.94 -1.23	43.13 0.93 -1.17	45.11 0.86 -1.17	45.29 0.79 -1.18	49.89 0.95 -1.35	38.59 0.42 -0.41	44.42 0.40 -0.89	54.93 0.34 -2.03	65.56 0.66 -3.12	51.64 0.65 -2.25	47.73 0.63 -1.96	41.11 0.59 -1.20	42.86 1.06 -1.50	41.90 0.92 -1.15
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.34 1.33 -0.11	28.46 1.18 -0.09	29.13 1.08 -0.16	27.47 0.93 -0.15	38.63 1.10 -1.50	28.87 0.93 -0.18	42.21 1.26 -0.12	39.78 1.25 -0.14	41.95 1.37 -0.16	34.32 1.19 -4.77	42.34 1.71 -0.83	42.95 1.69 -0.22	44.96 1.89 0.00	45.71 2.13 -0.26	51.13 2.51 -1.03	40.54 2.37 -0.41	45.90 2.77 0.00	55.82 3.26 0.00	65.24 3.46 0.00	51.09 2.35 0.00	46.83 1.70 0.00	40.69 1.37 0.00	41.60 1.30 0.00	41.26 1.43 0.00
MUNSVILLE_WIND_PWR 323609	34.41 1.93 -0.58	28.89 1.56 -0.15	29.70 1.58 -0.22	27.97 1.47 -0.11	38.86 1.83 -1.01	29.83 1.72 -0.35	45.76 2.97 -1.95	43.18 2.88 -1.93	45.51 2.81 -2.29	30.90 1.78 -0.77	43.75 2.16 -1.79	44.85 2.10 -1.70	46.46 1.66 -1.72	46.94 1.90 -1.72	51.65 2.09 -1.98	39.63 1.27 -0.60	46.21 1.93 -1.15	58.36 3.26 -2.54	70.26 4.59 -3.89	55.25 3.70 -2.82	51.08 3.49 -2.45	43.63 2.80 -1.51	44.88 2.70 -1.88	43.80 2.53 -1.44
N SALMON___HYD 24042	32.83 0.93 0.00	27.87 0.68 0.00	28.54 0.64 0.00	26.87 0.48 0.00	36.75 0.72 0.00	28.45 0.70 0.00	42.03 1.19 0.00	39.41 1.03 0.00	41.42 1.00 0.00	29.07 0.71 0.00	40.96 1.17 0.00	42.19 1.15 0.00	44.31 1.24 0.00	44.34 1.02 0.00	48.34 0.75 0.00	38.34 0.58 0.00	43.36 0.23 0.00	52.70 0.14 0.00	62.46 0.69 0.00	49.60 0.87 0.00	46.47 1.33 0.00	40.68 1.36 0.00	41.80 1.51 0.00	41.22 1.40 0.00
N.AKRON__115KV_KNAPP 355671	33.22 0.90 -0.42	27.77 0.48 -0.11	28.63 0.57 -0.16	27.07 0.59 -0.08	37.96 1.21 -0.73	29.03 1.02 -0.26	43.35 1.11 -1.41	40.82 1.05 -1.39	43.59 1.52 -1.65	30.05 1.14 -0.55	42.79 1.70 -1.29	43.93 1.66 -1.23	45.55 1.24 -1.24	45.50 0.94 -1.25	50.05 1.03 -1.43	38.37 0.17 -0.44	43.85 -0.18 -0.90	53.92 -0.68 -2.05	64.63 -0.29 -3.14	51.14 0.14 -2.27	47.53 0.42 -1.98	41.17 0.64 -1.21	43.47 1.65 -1.51	42.63 1.64 -1.16
N.E_GEN_SANDY PD 24062	31.30 0.28 0.88	26.83 0.36 0.72	26.98 0.31 1.23	25.52 0.27 1.14	24.79 0.27 11.51	25.76 0.24 2.24	41.10 0.30 0.04	37.49 0.20 1.09	39.81 0.12 0.73	-8.19 0.12 36.67	33.51 0.08 6.37	39.45 0.10 1.70	44.67 0.22 -1.37	44.73 0.33 -1.08	40.57 0.44 7.45	35.20 0.55 3.12	43.79 0.66 0.00	53.26 0.70 0.00	62.56 0.79 0.00	49.26 0.53 0.00	45.41 0.28 0.00	39.47 0.15 0.00	40.38 0.08 0.00	40.09 0.26 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.05 1.04 -0.11	28.20 0.93 -0.09	28.89 0.84 -0.15	27.25 0.71 -0.14	38.31 0.84 -1.44	28.64 0.71 -0.18	41.89 0.95 -0.11	39.46 0.94 -0.14	41.57 1.00 -0.15	33.79 0.88 -4.56	41.88 1.29 -0.80	42.60 1.34 -0.21	44.62 1.55 0.00	45.35 1.78 -0.25	50.74 2.16 -0.99	40.16 2.01 -0.39	45.49 2.36 0.00	55.44 2.88 0.00	64.91 3.13 0.00	50.82 2.09 0.00	46.59 1.46 0.00	40.42 1.10 0.00	41.29 0.99 0.00	40.96 1.13 0.00
N.QUEENS_27_KV_LOAD 356247	33.34 1.33 -0.11	28.47 1.19 -0.09	29.12 1.06 -0.16	27.43 0.89 -0.15	38.52 0.99 -1.50	28.84 0.90 -0.18	42.24 1.29 -0.12	39.83 1.32 -0.14	41.99 1.41 -0.16	34.36 1.23 -4.77	49.66 1.76 -8.11	42.97 1.71 -0.22	44.98 1.91 0.00	45.74 2.16 -0.26	51.13 2.51 -1.03	40.68 2.41 -0.51	47.03 2.88 -1.03	56.53 3.23 -0.74	65.23 3.31 -0.15	51.05 2.27 -0.05	46.92 1.62 -0.16	40.96 1.38 -0.26	41.70 1.40 0.00	41.42 1.59 0.00
N.TROY___115KV_TB1 355778	32.07 0.30 0.13	27.45 0.37 0.11	28.08 0.37 0.18	26.59 0.36 0.17	34.75 0.43 1.70	27.89 0.34 0.21	41.18 0.47 0.13	38.60 0.38 0.16	40.52 0.28 0.18	23.09 0.13 5.40	38.87 0.02 0.94	40.86 0.06 0.25	43.25 0.18 0.00	43.22 0.19 0.29	46.68 0.27 1.17	37.62 0.33 0.46	43.54 0.41 0.00	53.06 0.50 0.00	62.41 0.64 0.00	49.20 0.47 0.00	45.53 0.40 0.00	39.62 0.30 0.00	40.54 0.24 0.00	40.17 0.34 0.00
NARROWS_GT1_1 24228	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT1_2 24229	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT1_3 24230	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT1_4 24231	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT1_5 24232	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00

NARROWS_GT1_6 24233	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT1_7 24234	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT1_8 24235	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT2_1 24236	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT2_2 24237	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT2_3 24238	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT2_4 24239	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT2_5 24240	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT2_6 24241	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT2_7 24242	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NARROWS_GT2_8 24243	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.07 0.20 0.03	27.46 0.29 0.02	28.16 0.30 0.04	26.67 0.31 0.03	36.14 0.45 0.34	28.05 0.34 0.04	41.37 0.56 0.02	39.33 0.98 0.03	41.16 0.77 0.03	27.35 0.02 1.03	39.11 -0.50 0.18	40.53 -0.47 0.05	42.85 -0.23 0.00	42.68 -0.59 0.06	46.95 -0.41 0.22	37.85 0.18 0.09	14.25 -0.29 28.58	48.73 0.02 3.85	62.18 0.40 0.00	49.15 0.42 0.00	45.48 0.34 0.00	39.48 0.16 0.00	40.34 0.04 0.00	40.08 0.25 0.00
NCHELSEA_115KV_TR2 355582	33.15 1.14 -0.11	28.27 1.00 -0.09	28.97 0.92 -0.15	27.35 0.81 -0.14	38.42 0.98 -1.42	28.73 0.80 -0.17	42.08 1.14 -0.11	39.62 1.11 -0.13	41.73 1.16 -0.15	33.80 0.94 -4.50	41.92 1.34 -0.79	42.63 1.38 -0.21	44.67 1.60 0.00	45.37 1.81 -0.24	50.72 2.16 -0.97	40.16 2.02 -0.38	45.57 2.44 0.00	55.57 3.01 0.00	65.06 3.29 0.00	51.04 2.31 0.00	46.85 1.72 0.00	40.63 1.31 0.00	41.56 1.26 0.00	41.16 1.34 0.00
NEG CAPITAL___MECHNVIL 23645	32.65 0.87 0.11	27.90 0.80 0.09	28.57 0.83 0.15	27.04 0.79 0.14	35.62 1.05 1.46	28.39 0.81 0.18	41.98 1.26 0.11	39.36 1.12 0.14	41.29 1.02 0.15	24.35 0.62 4.62	39.72 0.73 0.81	41.65 0.82 0.22	44.03 0.96 0.00	44.02 0.95 0.25	47.72 1.14 1.00	38.32 0.95 0.39	44.36 1.24 0.00	54.24 1.68 0.00	63.82 2.05 0.00	50.32 1.59 0.00	46.51 1.38 0.00	40.43 1.11 0.00	41.33 1.03 0.00	40.89 1.06 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.03 -0.35 -0.48	26.88 -0.43 -0.12	27.67 -0.40 -0.18	26.16 -0.33 -0.09	36.56 -0.29 -0.82	27.91 -0.13 -0.29	42.19 -0.23 -1.59	39.75 -0.20 -1.57	42.22 -0.06 -1.86	28.94 -0.04 -0.62	41.30 0.04 -1.46	42.45 0.02 -1.39	44.36 -0.12 -1.40	44.53 -0.20 -1.40	49.03 -0.17 -1.61	37.85 -0.40 -0.49	43.78 -0.40 -1.06	54.45 -0.47 -2.36	65.05 -0.34 -3.62	51.11 -0.24 -2.62	47.20 -0.21 -2.28	40.51 -0.21 -1.40	42.16 0.11 -1.75	41.13 -0.04 -1.34

NEG CENTRAL___DRP 24199	33.65 0.74 -1.02	28.04 0.59 -0.26	28.86 0.58 -0.39	27.16 0.57 -0.19	38.63 0.85 -1.75	29.19 0.82 -0.62	45.43 1.20 -3.40	42.87 1.15 -3.35	45.66 1.26 -3.98	30.60 0.91 -1.33	43.95 1.04 -3.12	44.87 0.86 -2.96	46.32 0.26 -2.99	46.87 0.56 -2.99	51.68 0.65 -3.44	39.13 0.32 -1.05	44.98 0.09 -1.76	56.98 0.57 -3.85	68.57 0.89 -5.90	53.80 0.80 -4.27	49.54 0.68 -3.72	42.08 0.48 -2.28	43.82 0.68 -2.85	42.53 0.51 -2.19
NEG CENTRAL___INDECK 23768	33.57 1.17 -0.50	28.11 0.79 -0.13	28.91 0.83 -0.19	27.30 0.81 -0.10	38.37 1.47 -0.87	29.36 1.29 -0.31	44.42 1.90 -1.68	41.92 1.88 -1.66	44.55 2.16 -1.97	30.12 1.10 -0.66	42.62 1.28 -1.54	43.81 1.30 -1.47	45.79 1.24 -1.48	46.24 1.44 -1.48	50.96 1.67 -1.70	39.08 0.80 -0.52	44.91 0.76 -1.02	55.93 1.09 -2.28	67.60 2.32 -3.50	53.79 2.53 -2.53	49.74 2.40 -2.20	42.74 2.07 -1.35	44.53 2.55 -1.69	43.42 2.30 -1.30
NEG CENTRAL___SENECA 23627	33.91 1.12 -0.90	28.33 0.92 -0.23	29.11 0.88 -0.34	27.42 0.86 -0.17	38.87 1.29 -1.55	29.50 1.20 -0.54	45.55 1.71 -3.00	42.95 1.61 -2.96	45.73 1.79 -3.51	30.88 1.34 -1.18	44.05 1.50 -2.76	44.90 1.23 -2.62	46.04 0.33 -2.64	46.86 0.90 -2.65	51.65 1.02 -3.04	39.29 0.60 -0.92	44.61 0.14 -1.34	56.22 0.71 -2.96	67.37 1.06 -4.54	52.98 0.97 -3.28	48.83 0.84 -2.86	41.70 0.63 -1.75	43.35 0.86 -2.19	42.18 0.67 -1.68
NEG CENTRAL___STATE_STREET 24147	33.23 0.28 -1.05	27.70 0.25 -0.27	28.57 0.28 -0.40	26.90 0.30 -0.20	38.19 0.34 -1.82	28.81 0.42 -0.64	45.01 0.66 -3.52	42.48 0.63 -3.47	45.23 0.70 -4.12	30.21 0.47 -1.38	43.62 0.59 -3.23	44.62 0.51 -3.07	46.48 0.31 -3.10	46.77 0.35 -3.10	51.51 0.36 -3.56	38.84 0.00 -1.08	45.25 0.07 -2.05	57.51 0.50 -4.46	69.58 0.97 -6.83	54.48 0.80 -4.94	50.15 0.71 -4.30	42.36 0.40 -2.64	44.22 0.63 -3.30	42.75 0.40 -2.53
NEG MILLWOOD___DRP 24198	33.24 1.23 -0.11	28.36 1.08 -0.09	29.05 1.00 -0.16	27.42 0.88 -0.15	38.56 1.05 -1.48	28.80 0.86 -0.18	42.18 1.23 -0.11	39.74 1.22 -0.14	41.87 1.29 -0.15	34.12 1.06 -4.70	42.13 1.52 -0.82	42.82 1.56 -0.22	44.85 1.78 0.00	45.59 2.02 -0.25	51.00 2.39 -1.02	40.38 2.22 -0.40	45.80 2.67 0.00	55.79 3.23 0.00	65.28 3.51 0.00	51.19 2.45 0.00	46.97 1.83 0.00	40.72 1.40 0.00	41.63 1.33 0.00	41.24 1.41 0.00
NEG NORTH_FLCN_SEA 23793	32.79 0.89 0.00	27.85 0.66 0.00	28.55 0.66 0.00	26.86 0.46 0.00	36.57 0.54 0.00	28.22 0.46 0.00	41.57 0.73 0.00	38.70 0.32 0.00	40.62 0.20 0.00	28.72 0.36 0.00	40.42 0.63 0.00	41.52 0.47 0.00	43.79 0.72 0.00	43.76 0.44 0.00	47.16 -0.43 0.00	37.64 -0.12 0.00	42.64 -0.49 0.00	51.83 -0.73 0.00	61.38 -0.39 0.00	48.79 0.05 0.00	45.85 0.71 0.00	40.17 0.85 0.00	41.67 1.38 0.00	41.14 1.31 0.00
NEG NORTH_KES_CHATEGAY 23792	32.51 0.61 0.00	27.59 0.41 0.00	28.27 0.37 0.00	26.61 0.21 0.00	36.34 0.32 0.00	28.16 0.40 0.00	41.54 0.71 0.00	38.87 0.49 0.00	40.78 0.36 0.00	28.69 0.33 0.00	40.40 0.61 0.00	41.56 0.52 0.00	43.70 0.63 0.00	43.74 0.42 0.00	47.65 0.06 0.00	37.88 0.12 0.00	42.94 -0.19 0.00	52.13 -0.42 0.00	61.75 -0.03 0.00	49.06 0.33 0.00	46.00 0.86 0.00	40.25 0.93 0.00	41.42 1.12 0.00	40.90 1.07 0.00
NEG NORTH___ALICE_FALLS 23915	32.85 0.95 0.00	27.89 0.70 0.00	28.58 0.68 0.00	26.88 0.49 0.00	36.65 0.63 0.00	28.36 0.60 0.00	41.85 1.01 0.00	39.06 0.68 0.00	40.95 0.52 0.00	28.87 0.51 0.00	40.64 0.84 0.00	41.77 0.73 0.00	43.92 0.85 0.00	43.91 0.59 0.00	47.53 -0.06 0.00	37.90 0.14 0.00	42.93 -0.20 0.00	52.22 -0.34 0.00	61.98 0.20 0.00	49.30 0.57 0.00	46.30 1.17 0.00	40.52 1.20 0.00	41.91 1.61 0.00	41.33 1.51 0.00
NEG NORTH___LWR_SARANAC 23913	32.85 0.95 0.00	27.89 0.70 0.00	28.58 0.68 0.00	26.88 0.49 0.00	36.65 0.63 0.00	28.36 0.60 0.00	41.85 1.01 0.00	39.06 0.68 0.00	40.95 0.52 0.00	28.87 0.51 0.00	40.64 0.84 0.00	41.77 0.73 0.00	43.92 0.85 0.00	43.91 0.59 0.00	47.53 -0.06 0.00	37.90 0.14 0.00	42.93 -0.20 0.00	52.22 -0.34 0.00	61.98 0.20 0.00	49.30 0.57 0.00	46.30 1.17 0.00	40.52 1.20 0.00	41.91 1.61 0.00	41.33 1.51 0.00
NEG NORTH___PLATTSBURG 23628	32.85 0.95 0.00	27.89 0.70 0.00	28.57 0.68 0.00	26.88 0.49 0.00	36.65 0.62 0.00	28.36 0.60 0.00	41.85 1.01 0.00	39.06 0.68 0.00	40.95 0.53 0.00	28.87 0.51 0.00	40.64 0.84 0.00	41.77 0.72 0.00	43.92 0.84 0.00	43.91 0.59 0.00	47.53 -0.06 0.00	37.90 0.14 0.00	42.93 -0.20 0.00	52.22 -0.34 0.00	61.98 0.21 0.00	49.30 0.57 0.00	46.30 1.17 0.00	40.52 1.20 0.00	41.91 1.61 0.00	41.33 1.51 0.00
NEG WEST_LEA_LOCKPORT 23791	32.43 0.11 -0.43	27.10 -0.19 -0.11	27.97 -0.09 -0.16	26.45 -0.03 -0.08	37.15 0.39 -0.74	28.37 0.36 -0.26	42.22 -0.05 -1.43	39.64 -0.14 -1.41	42.38 0.28 -1.67	29.28 0.36 -0.56	41.77 0.66 -1.31	43.03 0.74 -1.25	44.92 0.59 -1.26	45.00 0.42 -1.26	49.48 0.45 -1.45	37.84 -0.35 -0.44	43.30 -0.74 -0.91	53.12 -1.50 -2.05	63.49 -1.43 -3.15	50.24 -0.77 -2.27	46.74 -0.38 -1.98	40.55 0.02 -1.22	42.95 1.14 -1.52	42.16 1.17 -1.16
NEG WEST___LANCASTR 23811	32.27 -0.08 -0.45	27.02 -0.28 -0.11	27.86 -0.21 -0.17	26.35 -0.13 -0.08	37.01 0.20 -0.78	28.28 0.25 -0.27	42.34 0.00 -1.51	39.85 -0.02 -1.49	42.56 0.38 -1.76	29.33 0.38 -0.59	41.91 0.73 -1.38	43.12 0.76 -1.32	44.98 0.59 -1.33	45.13 0.48 -1.33	49.83 0.71 -1.53	38.11 -0.11 -0.46	43.80 -0.27 -0.94	53.91 -0.76 -2.11	64.23 -0.78 -3.24	50.65 -0.42 -2.34	46.97 -0.20 -2.04	40.60 0.03 -1.25	42.80 0.94 -1.56	41.82 0.80 -1.20
NEG_PENN_ALLEGHNY 23528	32.69 0.21 -0.58	27.48 0.15 -0.15	28.27 0.16 -0.22	26.70 0.19 -0.11	37.32 0.29 -1.00	28.36 0.25 -0.35	43.13 0.36 -1.94	40.62 0.33 -1.91	43.10 0.42 -2.27	29.41 0.30 -0.76	41.97 0.39 -1.78	43.07 0.34 -1.69	45.06 0.29 -1.71	45.31 0.28 -1.71	49.98 0.43 -1.96	38.58 0.22 -0.60	44.69 0.41 -1.15	55.92 0.82 -2.54	66.50 0.83 -3.89	52.11 0.57 -2.82	48.03 0.44 -2.45	41.15 0.33 -1.51	42.61 0.43 -1.88	41.63 0.37 -1.44
NEG___GEN_MONROE 24207	33.13 0.82 -0.40	27.80 0.52 -0.10	28.56 0.51 -0.15	26.98 0.51 -0.08	37.67 0.95 -0.69	28.87 0.88 -0.24	43.32 1.14 -1.34	40.76 1.06 -1.32	43.27 1.29 -1.57	29.85 0.96 -0.53	42.49 1.46 -1.23	43.65 1.44 -1.17	45.51 1.26 -1.18	45.66 1.15 -1.18	50.27 1.33 -1.36	38.84 0.67 -0.41	44.55 0.54 -0.89	55.07 0.47 -2.04	65.87 0.98 -3.12	51.95 0.96 -2.25	48.05 0.95 -1.96	41.41 0.89 -1.20	43.30 1.51 -1.50	42.52 1.54 -1.15
NEPA___ENERGY 23901	32.25 -0.10 -0.45	27.04 -0.25 -0.11	27.86 -0.21 -0.17	26.36 -0.12 -0.08	36.92 0.12 -0.78	28.28 0.25 -0.27	42.40 0.06 -1.50	39.81 -0.05 -1.48	42.54 0.36 -1.76	29.24 0.30 -0.59	41.74 0.56 -1.38	42.93 0.58 -1.31	44.94 0.55 -1.32	44.94 0.30 -1.32	49.76 0.65 -1.52	37.99 -0.23 -0.46	43.95 -0.12 -0.94	54.56 -0.10 -2.11	64.83 -0.17 -3.23	50.95 -0.12 -2.34	47.05 -0.12 -2.03	40.59 0.02 -1.25	42.58 0.72 -1.56	41.65 0.62 -1.20

NEVERSINK___HYD 23608	32.17 0.18 -0.09	26.74 -0.52 -0.07	27.67 -0.35 -0.12	26.17 -0.34 -0.12	36.57 -0.63 -1.17	27.49 -0.41 -0.14	40.45 -0.48 -0.09	38.13 -0.36 -0.11	40.01 -0.53 -0.12	31.71 -0.35 -3.71	39.91 -0.53 -0.65	40.36 -0.85 -0.17	42.57 -0.50 0.00	43.52 0.00 -0.20	49.45 1.07 -0.79	39.11 1.04 -0.31	42.26 1.36 2.23	54.12 1.86 0.30	63.86 2.09 0.00	50.15 1.42 0.00	46.04 0.90 0.00	39.92 0.60 0.00	40.82 0.52 0.00	40.38 0.55 0.00
NEWKRMKL_115KV_TB1 55635	31.60 -0.23 0.08	27.05 -0.08 0.06	27.70 -0.08 0.11	26.22 -0.07 0.10	34.83 -0.19 1.01	27.52 -0.11 0.12	40.49 -0.27 0.08	38.07 -0.21 0.10	40.01 -0.30 0.10	24.84 -0.31 3.21	38.64 -0.59 0.56	40.30 -0.59 0.15	42.58 -0.49 0.00	42.66 -0.49 0.17	46.46 -0.44 0.69	37.30 -0.18 0.27	42.90 -0.23 0.00	52.30 -0.26 0.00	61.40 -0.38 0.00	48.40 -0.33 0.00	44.74 -0.40 0.00	38.87 -0.45 0.00	39.74 -0.55 0.00	39.43 -0.40 0.00
NEWTON___FALLS_HYD 23847	33.45 1.20 -0.35	28.20 0.93 -0.09	28.97 0.94 -0.13	27.30 0.84 -0.07	37.83 1.19 -0.61	28.96 0.99 -0.22	43.73 1.71 -1.19	41.08 1.52 -1.17	43.30 1.49 -1.39	29.67 0.84 -0.46	42.05 1.16 -1.09	43.26 1.18 -1.04	45.26 1.15 -1.05	45.09 0.72 -1.05	49.35 0.56 -1.20	38.30 0.18 -0.37	43.73 -0.12 -0.72	54.34 0.21 -1.57	65.14 0.96 -2.41	51.57 1.09 -1.74	47.70 1.05 -1.52	41.36 1.11 -0.93	42.64 1.18 -1.16	41.91 1.19 -0.89
NGRID_A1_DSASP 323792	32.14 -0.19 -0.43	26.88 -0.42 -0.11	27.74 -0.32 -0.16	26.24 -0.23 -0.08	36.85 0.09 -0.74	28.14 0.13 -0.26	41.85 -0.41 -1.43	39.33 -0.46 -1.41	41.95 -0.15 -1.67	28.92 0.00 -0.56	41.36 0.25 -1.31	42.61 0.32 -1.24	44.47 0.14 -1.26	44.61 0.03 -1.26	49.16 0.13 -1.45	37.56 -0.64 -0.44	42.98 -1.05 -0.90	52.23 -2.36 -2.04	62.18 -2.72 -3.12	49.16 -1.82 -2.26	45.85 -1.25 -1.96	39.97 -0.55 -1.21	42.46 0.66 -1.50	41.81 0.83 -1.15
NGRID_A2_DSASP 323793	32.14 -0.19 -0.43	26.88 -0.42 -0.11	27.74 -0.32 -0.16	26.24 -0.23 -0.08	36.85 0.09 -0.74	28.14 0.13 -0.26	41.85 -0.41 -1.43	39.33 -0.46 -1.41	41.95 -0.15 -1.67	28.92 0.00 -0.56	41.36 0.25 -1.31	42.61 0.32 -1.24	44.47 0.14 -1.26	44.61 0.03 -1.26	49.16 0.13 -1.45	37.56 -0.64 -0.44	42.98 -1.05 -0.90	52.23 -2.36 -2.04	62.18 -2.72 -3.12	49.16 -1.82 -2.26	45.85 -1.25 -1.96	39.97 -0.55 -1.21	42.46 0.66 -1.50	41.81 0.83 -1.15
NGRID_A4_DSASP 323807	32.14 -0.19 -0.43	26.88 -0.42 -0.11	27.74 -0.32 -0.16	26.24 -0.23 -0.08	36.85 0.09 -0.74	28.14 0.13 -0.26	41.85 -0.41 -1.43	39.33 -0.46 -1.41	41.95 -0.15 -1.67	28.92 0.00 -0.56	41.36 0.25 -1.31	42.61 0.32 -1.24	44.47 0.14 -1.26	44.61 0.03 -1.26	49.16 0.13 -1.45	37.56 -0.64 -0.44	42.98 -1.05 -0.90	52.23 -2.36 -2.04	62.18 -2.72 -3.12	49.16 -1.82 -2.26	45.85 -1.25 -1.96	39.97 -0.55 -1.21	42.46 0.66 -1.50	41.81 0.83 -1.15
NIAGARA_115E_LBMP 323715	32.10 -0.23 -0.43	26.80 -0.49 -0.11	27.66 -0.40 -0.16	26.17 -0.31 -0.08	36.79 0.02 -0.74	28.06 0.05 -0.26	41.66 -0.61 -1.43	39.07 -0.72 -1.41	41.80 -0.30 -1.68	28.94 0.02 -0.56	41.27 0.16 -1.32	42.52 0.23 -1.25	44.37 0.04 -1.26	44.51 -0.07 -1.26	48.94 -0.10 -1.45	37.41 -0.79 -0.44	42.76 -1.27 -0.91	52.34 -2.26 -2.05	62.43 -2.48 -3.14	49.34 -1.66 -2.27	46.00 -1.12 -1.98	39.95 -0.58 -1.21	42.38 0.57 -1.51	41.71 0.73 -1.16
NIAGARA_115W_LBMP 323714	32.09 -0.23 -0.43	26.84 -0.46 -0.11	27.69 -0.36 -0.16	26.21 -0.26 -0.08	36.80 0.04 -0.74	28.10 0.09 -0.26	41.80 -0.46 -1.43	39.28 -0.50 -1.41	41.87 -0.22 -1.67	28.88 -0.04 -0.56	41.29 0.18 -1.31	42.54 0.25 -1.24	44.38 0.06 -1.26	44.53 -0.05 -1.26	49.07 0.04 -1.44	37.49 -0.71 -0.44	42.91 -1.12 -0.90	52.11 -2.49 -2.03	62.03 -2.86 -3.12	49.04 -1.95 -2.25	45.73 -1.36 -1.96	39.89 -0.64 -1.20	42.37 0.57 -1.50	41.75 0.77 -1.15
NIAGARA_230_LBMP 323716	32.14 -0.19 -0.42	26.89 -0.40 -0.11	27.75 -0.31 -0.16	26.26 -0.21 -0.08	36.85 0.09 -0.73	28.15 0.13 -0.26	41.90 -0.36 -1.42	39.36 -0.41 -1.40	42.09 0.02 -1.66	29.06 0.15 -0.56	41.53 0.43 -1.30	42.77 0.49 -1.24	44.63 0.31 -1.25	44.79 0.22 -1.25	49.37 0.34 -1.43	37.73 -0.47 -0.44	43.21 -0.81 -0.90	52.86 -1.73 -2.02	62.97 -1.90 -3.10	49.72 -1.25 -2.24	46.31 -0.78 -1.95	40.19 -0.33 -1.20	42.60 0.81 -1.49	41.77 0.80 -1.15
NIAGARA___115KV_198_GIBSON 55903	32.10 -0.23 -0.43	26.84 -0.46 -0.11	27.70 -0.36 -0.16	26.21 -0.26 -0.08	36.80 0.03 -0.74	28.11 0.09 -0.26	41.82 -0.44 -1.43	39.28 -0.50 -1.41	41.85 -0.24 -1.67	28.87 -0.05 -0.56	41.28 0.18 -1.31	42.53 0.24 -1.24	44.38 0.05 -1.26	44.53 -0.05 -1.26	49.07 0.04 -1.44	37.48 -0.71 -0.44	42.89 -1.14 -0.90	52.01 -2.59 -2.03	61.96 -2.93 -3.12	49.05 -1.93 -2.25	45.72 -1.37 -1.96	39.89 -0.64 -1.20	42.37 0.58 -1.50	41.75 0.78 -1.15
NIAGARA____ 23760	32.14 -0.19 -0.43	26.89 -0.40 -0.11	27.75 -0.31 -0.16	26.26 -0.21 -0.08	36.86 0.09 -0.74	28.15 0.13 -0.26	41.91 -0.36 -1.42	39.37 -0.41 -1.41	42.10 0.02 -1.67	29.07 0.15 -0.56	41.53 0.43 -1.31	42.78 0.49 -1.24	44.64 0.31 -1.25	44.79 0.22 -1.26	49.37 0.34 -1.44	37.73 -0.47 -0.44	43.22 -0.81 -0.90	52.87 -1.73 -2.03	62.99 -1.90 -3.11	49.73 -1.25 -2.25	46.32 -0.78 -1.96	40.19 -0.33 -1.20	42.61 0.81 -1.51	41.79 0.80 -1.16
NINE_MILE_1 23575	24.89 -0.86 6.14	24.87 -0.75 1.56	24.79 -0.77 2.33	24.52 -0.71 1.16	24.45 -0.96 10.62	23.31 -0.72 3.73	19.24 -1.04 20.56	17.14 -0.96 20.28	15.37 -1.00 24.06	19.59 -0.70 8.06	19.94 -0.99 18.87	22.06 -1.05 17.93	23.84 -1.14 18.10	24.03 -1.17 18.12	25.50 -1.28 20.82	30.35 -1.08 6.33	29.48 -1.18 12.46	23.83 -1.31 27.42	18.28 -1.49 42.01	17.20 -1.15 30.37	17.58 -1.10 26.45	22.08 -1.01 16.23	19.06 -0.98 20.26	23.28 -1.00 15.55
NINE_MILE_2 23744	24.79 -0.86 6.25	24.85 -0.75 1.59	24.75 -0.77 2.37	24.51 -0.71 1.18	24.26 -0.96 10.80	23.24 -0.72 3.80	18.88 -1.04 20.91	16.79 -0.96 20.62	14.96 -1.00 24.47	19.46 -0.70 8.20	19.61 -0.99 19.19	21.75 -1.05 18.24	23.53 -1.14 18.41	23.72 -1.17 18.42	25.14 -1.28 21.17	30.24 -1.08 6.44	29.27 -1.19 12.67	23.36 -1.31 27.89	17.56 -1.49 42.72	16.69 -1.15 30.89	17.13 -1.10 26.90	21.80 -1.01 16.51	18.71 -0.98 20.61	23.01 -1.00 15.82
NM_CAPITAL___DRP 24208	31.63 -0.18 0.09	27.08 -0.04 0.07	27.73 -0.05 0.12	26.26 -0.03 0.11	34.77 -0.13 1.12	27.55 -0.07 0.14	40.54 -0.21 0.09	38.08 -0.19 0.11	40.01 -0.29 0.12	24.51 -0.28 3.57	38.62 -0.56 0.62	40.33 -0.55 0.17	42.61 -0.46 0.00	42.69 -0.44 0.19	46.41 -0.40 0.77	37.31 -0.15 0.31	42.92 -0.21 0.00	52.28 -0.28 0.00	61.40 -0.38 0.00	48.42 -0.32 0.00	44.76 -0.38 0.00	38.90 -0.42 0.00	39.78 -0.52 0.00	39.48 -0.35 0.00
NM_CENTRAL___DRP 24181	32.47 -0.21 -0.78	27.16 -0.23 -0.20	27.96 -0.23 -0.30	26.34 -0.20 -0.15	37.15 -0.24 -1.36	28.09 -0.14 -0.48	43.28 -0.18 -2.63	40.84 -0.13 -2.59	43.39 -0.10 -3.07	29.32 -0.07 -1.03	42.10 -0.10 -2.41	43.19 -0.14 -2.29	45.20 -0.19 -2.31	45.37 -0.27 -2.31	50.00 -0.24 -2.66	38.29 -0.28 -0.81	44.48 -0.23 -1.58	55.95 -0.07 -3.46	67.08 0.01 -5.29	52.55 -0.01 -3.83	48.37 -0.10 -3.33	41.21 -0.16 -2.05	42.73 -0.12 -2.55	41.61 -0.18 -1.96

NM_FRONTIER___DRP 24179	32.10 -0.23 -0.43	26.84 -0.46 -0.11	27.70 -0.36 -0.16	26.21 -0.26 -0.08	36.80 0.03 -0.74	28.11 0.09 -0.26	41.82 -0.44 -1.43	39.28 -0.50 -1.41	41.85 -0.24 -1.67	28.87 -0.05 -0.56	41.28 0.18 -1.31	42.53 0.24 -1.24	44.38 0.05 -1.26	44.53 -0.05 -1.26	49.07 0.04 -1.44	37.48 -0.71 -0.44	42.89 -1.14 -0.90	52.01 -2.59 -2.03	61.96 -2.93 -3.12	49.05 -1.93 -2.25	45.72 -1.37 -1.96	39.89 -0.64 -1.20	42.37 0.58 -1.50	41.75 0.78 -1.15
NM_ST_REGIS___HYD 24053	33.06 0.99 -0.17	27.97 0.74 -0.04	28.67 0.71 -0.06	27.01 0.58 -0.03	37.22 0.90 -0.30	28.66 0.80 -0.11	42.75 1.34 -0.58	40.14 1.19 -0.57	42.27 1.17 -0.68	29.32 0.74 -0.23	41.54 1.21 -0.53	42.82 1.27 -0.51	44.94 1.35 -0.51	44.97 1.14 -0.51	49.09 0.92 -0.58	38.52 0.58 -0.18	43.74 0.26 -0.35	53.44 0.12 -0.77	63.50 0.55 -1.17	50.23 0.66 -0.85	46.89 1.02 -0.74	41.00 1.23 -0.45	42.23 1.37 -0.57	41.53 1.27 -0.43
NORTHPORT___1 23551	32.85 0.84 -0.11	28.10 0.82 -0.09	28.72 0.66 -0.16	27.07 0.53 -0.15	38.05 0.52 -1.50	28.37 0.43 -0.18	39.15 0.01 1.70	11.03 0.03 27.37	11.04 0.23 29.61	13.62 0.40 15.14	27.94 0.96 12.81	42.19 0.93 -0.22	42.19 0.61 1.49	20.52 0.82 23.62	48.48 1.16 0.27	41.53 1.39 -2.39	43.55 1.68 1.26	52.94 1.74 1.35	62.73 1.53 0.56	49.36 0.81 0.18	43.21 0.17 2.11	18.83 0.02 20.50	40.21 0.05 0.14	40.24 0.41 0.00
NORTHPORT___2 23552	32.85 0.84 -0.11	28.10 0.82 -0.09	28.72 0.66 -0.16	27.07 0.53 -0.15	38.05 0.52 -1.50	28.37 0.43 -0.18	39.15 0.01 1.70	11.03 0.03 27.37	11.04 0.23 29.61	13.62 0.40 15.14	27.94 0.96 12.81	42.19 0.93 -0.22	42.19 0.61 1.49	20.52 0.82 23.62	48.48 1.16 0.27	41.53 1.39 -2.39	43.55 1.68 1.26	52.94 1.74 1.35	62.73 1.53 0.56	49.36 0.81 0.18	43.21 0.17 2.11	18.83 0.02 20.50	40.21 0.05 0.14	40.24 0.41 0.00
NORTHPORT___3 23553	32.81 0.80 -0.11	28.06 0.78 -0.09	28.67 0.62 -0.16	27.03 0.48 -0.15	38.00 0.47 -1.50	28.31 0.37 -0.18	39.01 -0.14 1.69	11.00 -0.16 27.21	11.00 0.02 29.44	13.61 0.28 15.03	27.87 0.82 12.75	42.03 0.77 -0.22	41.95 0.36 1.48	20.38 0.57 23.50	48.22 0.90 0.27	41.33 1.18 -2.38	43.33 1.44 1.23	52.64 1.45 1.36	62.41 1.20 0.56	49.10 0.55 0.18	42.98 -0.06 2.10	18.75 -0.18 20.39	40.03 -0.13 0.14	40.01 0.18 0.00
NORTHPORT___4 23650	32.81 0.80 -0.11	28.06 0.78 -0.09	28.67 0.62 -0.16	27.03 0.48 -0.15	38.00 0.47 -1.50	28.31 0.37 -0.18	39.01 -0.14 1.69	11.00 -0.16 27.21	11.00 0.02 29.44	13.61 0.28 15.03	27.87 0.82 12.75	42.03 0.77 -0.22	41.95 0.36 1.48	20.38 0.57 23.50	48.22 0.90 0.27	41.33 1.18 -2.38	43.33 1.44 1.23	52.64 1.45 1.36	62.41 1.20 0.56	49.10 0.55 0.18	42.98 -0.06 2.10	18.75 -0.18 20.39	40.03 -0.13 0.14	40.01 0.18 0.00
NORTHPORT___IC 23718	32.85 0.84 -0.11	28.10 0.82 -0.09	28.72 0.66 -0.16	27.07 0.53 -0.15	38.05 0.52 -1.50	28.37 0.43 -0.18	39.13 -0.01 1.70	11.05 0.05 27.37	11.06 0.25 29.61	13.63 0.41 15.14	27.97 0.99 12.81	42.21 0.94 -0.22	42.19 0.61 1.49	20.58 0.88 23.62	48.54 1.22 0.27	41.57 1.42 -2.39	43.58 1.70 1.26	53.17 1.97 1.35	62.82 1.61 0.56	49.36 0.81 0.18	43.21 0.18 2.11	18.84 0.03 20.50	40.21 0.05 0.14	40.24 0.41 0.00
NORTH___COUNTRY_ESR 323785	32.44 0.55 0.00	27.53 0.35 0.00	28.21 0.31 0.00	26.56 0.16 0.00	36.27 0.24 0.00	28.09 0.33 0.00	41.43 0.60 0.00	38.77 0.39 0.00	40.75 0.33 0.00	28.68 0.33 0.00	40.39 0.59 0.00	41.54 0.50 0.00	43.67 0.59 0.00	43.71 0.39 0.00	47.62 0.03 0.00	37.87 0.11 0.00	42.94 -0.19 0.00	52.12 -0.44 0.00	61.60 -0.17 0.00	48.92 0.20 0.00	45.87 0.73 0.00	40.13 0.81 0.00	41.32 1.03 0.00	40.79 0.96 0.00
NPX_GEN_1385_PROXY 323591	32.85 0.84 -0.11	28.10 0.82 -0.09	28.72 0.66 -0.16	27.07 0.53 -0.15	38.05 0.52 -1.50	28.37 0.43 -0.18	39.15 0.01 1.70	11.03 0.03 27.37	11.04 0.23 29.61	9.40 0.40 19.36	26.10 0.96 14.66	42.19 0.93 -0.22	42.19 0.61 1.49	19.50 0.82 24.65	48.48 1.16 0.27	41.53 1.39 -2.39	43.55 1.68 1.26	51.45 1.74 2.85	62.73 1.53 0.56	49.36 0.81 0.18	43.21 0.17 2.11	18.83 0.02 20.50	40.21 0.05 0.14	40.24 0.41 0.00
NPX_GEN_CSC 323557	32.54 0.53 -0.11	27.83 0.55 -0.09	28.41 0.35 -0.16	26.77 0.23 -0.15	37.63 0.10 -1.50	28.13 0.19 -0.18	38.93 -0.23 1.67	11.44 0.01 26.95	11.62 0.36 29.16	9.79 0.47 19.04	26.43 0.83 14.20	42.06 0.79 -0.22	42.22 0.61 1.47	20.10 0.95 24.17	48.82 1.25 0.02	42.04 1.49 -2.79	44.06 1.89 0.97	51.99 1.96 2.53	62.92 1.70 0.56	49.43 0.88 0.18	43.25 0.19 2.07	19.17 0.03 20.17	40.21 0.05 0.14	40.17 0.34 0.00
NSINS_S_GLNS_FALLS 23858	32.67 0.87 0.10	27.94 0.84 0.08	28.66 0.90 0.13	27.14 0.87 0.12	35.93 1.16 1.26	28.47 0.86 0.15	42.16 1.42 0.10	39.49 1.23 0.12	41.34 1.05 0.13	24.90 0.54 3.99	39.73 0.62 0.70	41.62 0.76 0.19	44.02 0.94 0.00	43.97 0.86 0.21	47.80 1.07 0.86	38.21 0.79 0.34	44.51 1.38 0.00	54.32 1.76 0.00	64.01 2.24 0.00	50.56 1.83 0.00	46.70 1.57 0.00	40.56 1.24 0.00	41.42 1.12 0.00	40.97 1.14 0.00
NUCOR_STEEL___DRP 24197	33.15 0.18 -1.07	27.64 0.18 -0.27	28.52 0.21 -0.41	26.84 0.24 -0.20	38.12 0.23 -1.85	28.75 0.34 -0.65	44.97 0.54 -3.59	42.44 0.52 -3.54	45.22 0.60 -4.20	30.14 0.38 -3.30	43.58 0.49 -3.30	44.60 0.42 -3.13	46.52 0.29 -3.16	46.78 0.29 -3.16	51.51 0.28 -3.63	38.81 -0.06 -1.10	45.29 0.03 -2.13	57.62 0.42 -4.65	69.79 0.89 -7.12	54.61 0.73 -5.15	50.27 0.66 -4.48	42.41 0.34 -2.75	44.31 0.58 -3.44	42.80 0.34 -2.64
NUMBER_THREE_WT_PWR 323818	33.71 1.38 -0.43	28.40 1.10 -0.11	29.17 1.11 -0.16	27.52 1.04 -0.08	38.19 1.42 -0.75	29.15 1.13 -0.26	44.25 1.97 -1.45	41.55 1.75 -1.43	43.78 1.67 -1.69	29.84 0.91 -0.57	42.25 1.13 -1.33	43.39 1.09 -1.26	45.31 0.97 -1.27	44.95 0.36 -1.27	49.28 0.23 -1.46	38.16 -0.05 -0.45	43.68 -0.32 -0.87	54.93 0.46 -1.91	66.21 1.51 -2.93	52.51 1.66 -2.12	48.24 1.26 -1.84	41.43 0.98 -1.13	42.72 1.01 -1.41	42.04 1.13 -1.08
NYISO_LBMP_REFERENCE 24008	31.90 0.00 0.00	27.18 0.00 0.00	27.89 0.00 0.00	26.40 0.00 0.00	36.03 0.00 0.00	27.76 0.00 0.00	40.84 0.00 0.00	38.38 0.00 0.00	40.42 0.00 0.00	28.36 0.00 0.00	39.80 0.00 0.00	41.04 0.00 0.00	43.07 0.00 0.00	43.32 0.00 0.00	47.59 0.00 0.00	37.76 0.00 0.00	43.13 0.00 0.00	52.56 0.00 0.00	61.78 0.00 0.00	48.73 0.00 0.00	45.14 0.00 0.00	39.32 0.00 0.00	40.30 0.00 0.00	39.83 0.00 0.00
NYPA_BRENTWD____GT 24164	33.26 1.25 -0.11	28.42 1.14 -0.09	29.03 0.97 -0.16	27.34 0.80 -0.15	38.42 0.89 -1.50	28.68 0.74 -0.18	39.77 0.57 1.64	12.57 0.64 26.45	12.72 0.93 28.63	14.78 0.88 14.46	29.73 1.52 11.58	42.76 1.50 -0.22	42.94 1.30 1.43	22.36 1.61 22.58	49.96 2.11 -0.27	43.19 2.15 -3.29	45.13 2.59 0.59	54.78 2.85 0.63	64.04 2.80 0.54	50.34 1.78 0.17	44.18 1.07 2.03	20.32 0.76 19.76	40.94 0.78 0.14	40.89 1.07 0.00

NYPA_GOWANUS____GT5 24156	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.04 0.00	64.98 3.20 0.00	50.96 2.23 0.00	46.78 1.65 0.00	40.75 1.43 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NYPA_GOWANUS____GT6 24157	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.88 2.75 0.00	55.60 3.04 0.00	64.98 3.20 0.00	50.96 2.23 0.00	46.78 1.65 0.00	40.75 1.43 0.00	41.68 1.38 0.00	41.39 1.56 0.00
NYPA_HARLEM__RVR__GT1 24160	33.26 1.25 -0.11	28.41 1.13 -0.09	29.06 1.01 -0.16	27.38 0.83 -0.15	38.45 0.92 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.74 1.22 -0.14	41.88 1.30 -0.16	34.29 1.17 -4.77	42.26 1.63 -0.83	42.86 1.59 -0.22	44.85 1.78 0.00	45.61 2.03 -0.26	50.98 2.36 -1.03	40.45 2.28 -0.41	45.85 2.72 0.00	55.60 3.04 0.00	64.86 3.09 0.00	50.85 2.12 0.00	46.62 1.48 0.00	40.58 1.26 0.00	41.57 1.27 0.00	41.29 1.47 0.00
NYPA_HARLEM__RVR__GT2 24161	33.26 1.25 -0.11	28.41 1.13 -0.09	29.06 1.01 -0.16	27.38 0.83 -0.15	38.45 0.92 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.74 1.22 -0.14	41.88 1.30 -0.16	34.29 1.17 -4.77	42.26 1.63 -0.83	42.86 1.59 -0.22	44.85 1.78 0.00	45.61 2.03 -0.26	50.98 2.36 -1.03	40.45 2.28 -0.41	45.85 2.72 0.00	55.60 3.04 0.00	64.86 3.09 0.00	50.85 2.12 0.00	46.62 1.48 0.00	40.58 1.26 0.00	41.57 1.27 0.00	41.29 1.47 0.00
NYPA_KENT____GT 24152	33.33 1.32 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.41 0.87 -0.15	38.58 1.04 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.75 1.23 -0.14	41.87 1.29 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.83 1.57 -0.22	44.79 1.71 0.00	45.58 2.00 -0.26	50.99 2.37 -1.03	40.55 2.38 -0.41	45.89 2.75 -0.01	55.60 3.05 0.00	65.00 3.22 0.00	50.96 2.23 0.00	46.74 1.61 0.00	40.72 1.40 0.00	41.66 1.36 0.00	41.39 1.56 0.00
NYPA_POUCH1____GT 24155	33.24 1.22 -0.11	28.38 1.10 -0.09	25.96 0.97 2.91	25.98 0.78 1.20	30.06 0.94 6.91	28.76 0.82 -0.18	42.06 1.11 -0.12	39.62 1.10 -0.14	41.70 1.12 -0.16	34.14 1.01 -4.77	42.02 1.40 -0.82	42.59 1.34 -0.21	44.54 1.48 0.01	45.32 1.75 -0.25	50.71 2.10 -1.02	40.38 2.22 -0.41	45.68 2.55 0.00	55.40 2.84 0.00	64.78 3.00 0.00	50.86 2.13 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.67 1.37 0.00	41.38 1.55 0.00
NYPA_VERNON____GT2 24162	33.31 1.29 -0.11	28.46 1.18 -0.09	29.14 1.08 -0.16	27.46 0.91 -0.15	38.58 1.05 -1.50	28.86 0.91 -0.18	42.21 1.26 -0.12	39.77 1.26 -0.14	41.94 1.37 -0.16	34.36 1.23 -4.77	42.36 1.73 -0.83	42.95 1.68 -0.22	44.93 1.85 0.00	45.70 2.12 -0.26	51.07 2.45 -1.03	40.54 2.38 -0.41	45.91 2.78 0.00	55.73 3.17 0.00	65.06 3.28 0.00	50.96 2.23 0.00	46.70 1.56 0.00	40.61 1.29 0.00	41.51 1.21 0.00	41.22 1.39 0.00
NYPA_VERNON____GT3 24163	33.31 1.29 -0.11	28.46 1.18 -0.09	29.14 1.08 -0.16	27.46 0.91 -0.15	38.58 1.05 -1.50	28.86 0.91 -0.18	42.21 1.26 -0.12	39.77 1.26 -0.14	41.94 1.37 -0.16	34.36 1.23 -4.77	42.36 1.73 -0.83	42.95 1.68 -0.22	44.93 1.85 0.00	45.70 2.12 -0.26	51.07 2.45 -1.03	40.54 2.38 -0.41	45.91 2.78 0.00	55.73 3.17 0.00	65.06 3.28 0.00	50.96 2.23 0.00	46.70 1.56 0.00	40.61 1.29 0.00	41.51 1.21 0.00	41.22 1.39 0.00
NYPA____ASTORIA_CC1 323568	33.23 1.22 -0.11	28.41 1.13 -0.09	29.08 1.02 -0.16	27.41 0.86 -0.15	38.50 0.97 -1.50	28.80 0.85 -0.18	42.10 1.15 -0.12	39.68 1.16 -0.14	41.84 1.26 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.82 1.56 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.94 2.32 -1.03	40.45 2.29 -0.41	45.81 2.68 0.00	55.58 3.02 0.00	64.89 3.12 0.00	50.84 2.11 0.00	46.59 1.46 0.00	40.52 1.20 0.00	41.41 1.11 0.00	41.13 1.30 0.00
NYPA____ASTORIA_CC2 323569	33.23 1.22 -0.11	28.41 1.13 -0.09	29.08 1.02 -0.16	27.41 0.86 -0.15	38.50 0.97 -1.50	28.80 0.85 -0.18	42.10 1.15 -0.12	39.68 1.16 -0.14	41.84 1.26 -0.16	34.29 1.16 -4.77	42.25 1.62 -0.83	42.82 1.56 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.94 2.32 -1.03	40.45 2.29 -0.41	45.81 2.68 0.00	55.58 3.02 0.00	64.89 3.12 0.00	50.84 2.11 0.00	46.59 1.46 0.00	40.52 1.20 0.00	41.41 1.11 0.00	41.13 1.30 0.00
NYPA____HOLTSVILL 23794	32.84 0.83 -0.11	28.08 0.81 -0.09	28.68 0.62 -0.16	27.03 0.49 -0.15	37.98 0.45 -1.50	28.36 0.42 -0.18	39.24 0.08 1.67	11.63 0.24 26.99	11.75 0.54 29.21	14.10 0.61 14.86	28.46 1.08 12.42	42.31 1.04 -0.22	42.47 0.87 1.47	21.31 1.18 23.19	49.06 1.53 0.05	42.19 1.67 -2.75	44.20 2.07 1.00	53.64 2.15 1.07	63.18 1.96 0.56	49.66 1.11 0.18	43.53 0.47 2.08	19.39 0.28 20.21	40.46 0.31 0.14	40.43 0.60 0.00
NYPA____HELLGATE_GT1 24158	33.26 1.25 -0.11	28.41 1.13 -0.09	29.06 1.01 -0.16	27.38 0.83 -0.15	38.45 0.92 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.74 1.22 -0.14	41.88 1.30 -0.16	34.29 1.17 -4.77	42.26 1.63 -0.83	42.86 1.60 -0.22	44.85 1.78 0.00	45.61 2.03 -0.26	50.99 2.37 -1.03	40.45 2.28 -0.41	45.85 2.72 0.00	55.58 3.02 0.00	64.86 3.09 0.00	50.85 2.12 0.00	46.62 1.48 0.00	40.58 1.26 0.00	41.56 1.26 0.00	41.29 1.47 0.00
NYPA____HELLGATE_GT2 24159	33.26 1.25 -0.11	28.41 1.13 -0.09	29.06 1.01 -0.16	27.38 0.83 -0.15	38.45 0.92 -1.50	28.79 0.85 -0.18	42.16 1.21 -0.12	39.74 1.22 -0.14	41.88 1.30 -0.16	34.29 1.17 -4.77	42.26 1.63 -0.83	42.86 1.60 -0.22	44.85 1.78 0.00	45.61 2.03 -0.26	50.99 2.37 -1.03	40.45 2.28 -0.41	45.85 2.72 0.00	55.58 3.02 0.00	64.86 3.09 0.00	50.85 2.12 0.00	46.62 1.48 0.00	40.58 1.26 0.00	41.56 1.26 0.00	41.29 1.47 0.00
NYS_BARGE____HYD 23848	32.46 0.14 -0.43	27.11 -0.18 -0.11	27.98 -0.08 -0.16	26.47 -0.01 -0.08	37.18 0.41 -0.74	28.39 0.37 -0.26	42.22 -0.04 -1.42	39.66 -0.12 -1.41	42.40 0.31 -1.67	29.30 0.38 -0.56	41.79 0.68 -1.31	43.03 0.74 -1.24	44.92 0.59 -1.25	45.01 0.43 -1.26	49.52 0.49 -1.44	37.88 -0.32 -0.44	43.34 -0.70 -0.91	53.19 -1.42 -2.05	63.53 -1.38 -3.14	50.21 -0.80 -2.27	46.75 -0.36 -1.98	40.56 0.03 -1.21	42.94 1.13 -1.52	42.18 1.19 -1.16
OAK ORCHARD____HYD 24046	32.64 0.34 -0.40	27.42 0.13 -0.10	28.21 0.16 -0.15	26.66 0.18 -0.08	37.18 0.46 -0.69	28.44 0.44 -0.24	42.71 0.54 -1.33	40.25 0.55 -1.32	42.80 0.82 -1.56	29.48 0.60 -0.52	41.96 0.94 -1.23	43.14 0.93 -1.17	45.10 0.86 -1.17	45.29 0.79 -1.18	49.89 0.95 -1.35	38.59 0.42 -0.41	44.43 0.41 -0.89	54.98 0.39 -2.03	65.59 0.70 -3.12	51.63 0.65 -2.25	47.73 0.63 -1.96	41.11 0.59 -1.20	42.86 1.06 -1.50	41.90 0.92 -1.15

OAKDALE___35_KV_LOAD 356122	32.54 0.06 -0.57	27.36 0.03 -0.14	28.16 0.05 -0.22	26.59 0.08 -0.11	37.16 0.14 -0.99	28.22 0.12 -0.35	42.90 0.15 -1.92	40.41 0.14 -1.89	42.87 0.21 -2.24	29.27 0.16 -0.75	41.76 0.21 -1.76	42.86 0.15 -1.67	44.86 0.10 -1.69	45.09 0.08 -1.69	49.76 0.24 -1.94	38.40 0.05 -0.59	44.48 0.21 -1.14	55.58 0.51 -2.51	66.12 0.50 -3.85	51.83 0.31 -2.78	47.77 0.21 -2.42	40.94 0.13 -1.49	42.40 0.25 -1.86	41.44 0.19 -1.43
OCC_CHEM___DRP 24175	32.14 -0.19 -0.43	26.87 -0.42 -0.11	27.74 -0.32 -0.16	26.24 -0.23 -0.08	36.85 0.08 -0.74	28.14 0.13 -0.26	41.87 -0.39 -1.43	39.33 -0.46 -1.41	41.92 -0.17 -1.67	28.92 0.00 -0.56	41.36 0.25 -1.31	42.60 0.31 -1.24	44.47 0.14 -1.26	44.61 0.03 -1.26	49.16 0.13 -1.45	37.56 -0.64 -0.44	42.98 -1.05 -0.90	52.14 -2.45 -2.04	62.13 -2.76 -3.12	49.18 -1.81 -2.26	45.85 -1.25 -1.96	39.97 -0.55 -1.21	42.46 0.66 -1.50	41.80 0.82 -1.15
OH_GEN_PROXY 24063	32.11 -0.21 -0.42	26.88 -0.41 -0.11	27.74 -0.32 -0.16	26.24 -0.23 -0.08	36.83 0.08 -0.73	28.13 0.12 -0.26	41.90 -0.35 -1.41	39.39 -0.39 -1.39	42.11 0.04 -1.65	24.87 0.17 3.66	39.70 0.45 0.54	42.78 0.51 -1.23	44.64 0.32 -1.24	43.76 0.22 -0.22	49.40 0.38 -1.43	37.77 -0.42 -0.44	43.30 -0.73 -0.89	51.49 -1.59 -0.53	63.11 -1.76 -3.09	49.82 -1.15 -2.23	46.36 -0.72 -1.95	40.21 -0.30 -1.19	42.57 0.78 -1.49	41.72 0.75 -1.14
OLIN_CORP_DRP 24177	32.13 -0.19 -0.43	26.83 -0.46 -0.11	27.69 -0.37 -0.16	26.20 -0.27 -0.08	36.83 0.06 -0.74	28.10 0.08 -0.26	41.73 -0.55 -1.44	39.13 -0.66 -1.42	41.85 -0.25 -1.68	28.97 0.05 -0.56	41.34 0.23 -1.32	42.60 0.31 -1.25	44.46 0.12 -1.26	44.60 0.01 -1.27	49.04 0.00 -1.45	37.49 -0.71 -0.44	42.87 -1.17 -0.91	52.39 -2.22 -2.05	62.52 -2.40 -3.14	49.46 -1.54 -2.27	46.09 -1.03 -1.98	40.04 -0.49 -1.21	42.46 0.64 -1.52	41.77 0.78 -1.16
OLIN_CORP_DSASP 323712	32.14 -0.19 -0.43	26.88 -0.42 -0.11	27.74 -0.32 -0.16	26.24 -0.23 -0.08	36.85 0.09 -0.74	28.14 0.13 -0.26	41.85 -0.41 -1.43	39.33 -0.46 -1.41	41.95 -0.15 -1.67	28.92 0.00 -0.56	41.36 0.25 -1.31	42.61 0.32 -1.24	44.47 0.14 -1.26	44.61 0.03 -1.26	49.16 0.13 -1.45	37.56 -0.64 -0.44	42.98 -1.05 -0.90	52.23 -2.36 -2.04	62.18 -2.72 -3.12	49.16 -1.82 -2.26	45.85 -1.25 -1.96	39.97 -0.55 -1.21	42.46 0.66 -1.50	41.81 0.83 -1.15
ONEIDA_HERK_LFGE 323681	33.16 0.98 -0.28	28.05 0.79 -0.07	28.78 0.78 -0.10	27.21 0.76 -0.05	37.53 1.03 -0.47	28.76 0.84 -0.17	43.17 1.42 -0.92	40.57 1.29 -0.90	42.76 1.26 -1.07	29.49 0.77 -0.36	41.64 1.01 -0.84	42.78 0.94 -0.80	44.79 0.91 -0.81	44.75 0.63 -0.81	49.12 0.60 -0.93	38.44 0.40 -0.28	44.07 0.39 -0.55	54.75 0.99 -1.21	65.28 1.66 -1.85	51.58 1.51 -1.34	47.54 1.24 -1.16	41.01 0.97 -0.72	42.15 0.96 -0.89	41.46 0.95 -0.69
ONEIDA___115KV_TB4 55905	33.19 0.87 -0.43	27.97 0.68 -0.11	28.71 0.65 -0.16	27.12 0.64 -0.08	37.67 0.91 -0.74	28.78 0.77 -0.26	43.55 1.29 -1.42	41.00 1.22 -1.40	43.30 1.21 -1.67	29.72 0.80 -0.56	42.18 1.07 -1.31	43.24 0.96 -1.24	45.31 0.99 -1.25	45.41 0.84 -1.25	49.89 0.87 -1.44	38.86 0.66 -0.44	44.81 0.83 -0.85	55.82 1.39 -1.87	66.70 2.05 -2.87	52.49 1.69 -2.07	48.37 1.43 -1.81	41.54 1.12 -1.11	42.75 1.08 -1.38	41.89 1.00 -1.06
ONONDAGA_REF_OCCRA 23987	32.82 0.06 -0.87	27.40 -0.01 -0.22	28.21 -0.02 -0.33	26.57 0.01 -0.16	37.56 0.04 -1.50	28.36 0.08 -0.53	43.92 0.18 -2.90	41.43 0.19 -2.86	44.03 0.22 -3.39	29.65 0.15 -1.14	42.64 0.19 -2.66	43.73 0.16 -2.53	45.71 0.09 -2.55	45.88 0.01 -2.55	50.56 0.04 -2.93	38.60 -0.06 -0.89	44.92 0.05 -1.74	56.69 0.33 -3.80	68.19 0.59 -5.82	53.41 0.47 -4.21	49.14 0.34 -3.67	41.77 0.20 -2.25	43.33 0.22 -2.81	42.13 0.15 -2.16
ONONDAGA___COGEN 23986	32.98 -0.07 -1.15	27.38 -0.10 -0.29	28.23 -0.10 -0.44	26.54 -0.07 -0.22	37.93 -0.08 -1.98	28.44 -0.01 -0.69	44.70 0.03 -3.83	42.20 0.04 -3.78	44.99 0.08 -4.49	29.90 0.04 -1.50	43.35 0.03 -3.52	44.40 0.01 -3.35	46.39 -0.06 -3.38	46.58 -0.12 -3.38	51.37 -0.10 -3.88	38.75 -0.19 -1.18	45.31 -0.10 -2.29	57.69 0.15 -4.98	69.74 0.33 -7.63	54.52 0.26 -5.52	50.12 0.17 -4.81	42.32 0.05 -2.95	44.08 0.10 -3.68	42.67 0.02 -2.83
ONTARIO___LFGE 23819	33.93 1.13 -0.90	28.33 0.92 -0.23	29.11 0.88 -0.34	27.42 0.85 -0.17	38.87 1.29 -1.55	29.50 1.20 -0.54	45.54 1.70 -3.00	42.96 1.62 -2.96	45.74 1.81 -3.51	30.88 1.34 -1.18	44.05 1.49 -2.76	44.90 1.24 -2.62	46.04 0.33 -2.64	46.86 0.90 -2.65	51.65 1.02 -3.04	39.29 0.60 -0.92	44.61 0.14 -1.34	56.25 0.73 -2.96	67.39 1.08 -4.54	52.98 0.96 -3.28	48.83 0.84 -2.86	41.71 0.63 -1.75	43.35 0.86 -2.19	42.18 0.67 -1.68
ORANGEVILLE_WT_PWR 323706	32.34 -0.06 -0.49	27.05 -0.26 -0.12	27.89 -0.19 -0.19	26.36 -0.13 -0.09	37.10 0.22 -0.86	28.28 0.22 -0.30	42.53 0.04 -1.65	39.95 -0.06 -1.63	42.62 0.26 -1.94	29.18 0.17 -0.65	41.44 0.12 -1.52	42.70 0.21 -1.44	44.50 -0.03 -1.45	44.77 -0.01 -1.46	49.24 -0.02 -1.67	37.81 -0.46 -0.51	43.26 -0.87 -1.00	53.80 -1.00 -2.24	64.52 -0.69 -3.44	51.09 -0.13 -2.48	47.31 0.01 -2.16	40.86 0.21 -1.33	42.97 1.02 -1.66	42.03 0.93 -1.27
ORANGEVILLE___ESR 323794	32.34 -0.06 -0.49	27.05 -0.26 -0.12	27.89 -0.19 -0.19	26.36 -0.13 -0.09	37.10 0.22 -0.86	28.28 0.22 -0.30	42.53 0.04 -1.65	39.95 -0.06 -1.63	42.62 0.26 -1.94	29.18 0.17 -0.65	41.44 0.12 -1.52	42.70 0.21 -1.44	44.50 -0.03 -1.45	44.77 -0.01 -1.46	49.24 -0.02 -1.67	37.81 -0.46 -0.51	43.26 -0.87 -1.00	53.80 -1.00 -2.24	64.52 -0.69 -3.44	51.09 -0.13 -2.48	47.31 0.01 -2.16	40.86 0.21 -1.33	42.97 1.02 -1.66	42.03 0.93 -1.27
OSWEGATCHIE___HYD 24044	33.45 1.20 -0.35	28.20 0.93 -0.09	28.97 0.93 -0.13	27.30 0.84 -0.07	37.83 1.19 -0.61	28.96 0.99 -0.22	43.73 1.70 -1.19	41.08 1.53 -1.17	43.30 1.49 -1.39	29.66 0.84 -0.46	42.05 1.16 -1.09	43.26 1.18 -1.04	45.26 1.15 -1.05	45.09 0.72 -1.05	49.35 0.56 -1.20	38.30 0.18 -0.37	43.73 -0.12 -0.72	54.34 0.21 -1.57	65.14 0.96 -2.41	51.57 1.09 -1.74	47.70 1.05 -1.52	41.36 1.11 -0.93	42.64 1.18 -1.16	41.91 1.19 -0.89
OSWEGO___5 23606	34.55 -0.61 -3.26	27.47 -0.54 -0.83	28.59 -0.55 -1.24	26.50 -0.51 -0.62	41.00 -0.67 -5.65	29.24 -0.50 -1.98	51.05 -0.71 -10.92	48.49 -0.66 -10.77	52.54 -0.67 -12.78	32.17 -0.47 -4.28	49.15 -0.67 -10.03	49.85 -0.72 -9.53	51.89 -0.80 -9.62	52.10 -0.84 -9.63	57.75 -0.90 -11.06	40.34 -0.79 -3.37	48.90 -0.85 -6.62	66.23 -0.89 -14.56	83.09 -0.99 -22.31	64.11 -0.76 -16.13	58.44 -0.74 -14.05	47.24 -0.70 -8.62	50.40 -0.65 -10.76	47.41 -0.68 -8.26
OSWEGO___6 23613	34.55 -0.61 -3.26	27.47 -0.54 -0.83	28.59 -0.55 -1.24	26.50 -0.51 -0.62	41.00 -0.67 -5.65	29.24 -0.50 -1.98	51.05 -0.71 -10.92	48.49 -0.66 -10.77	52.54 -0.67 -12.78	32.17 -0.47 -4.28	49.15 -0.67 -10.03	49.85 -0.72 -9.53	51.89 -0.80 -9.62	52.10 -0.84 -9.63	57.75 -0.90 -11.06	40.34 -0.79 -3.37	48.90 -0.85 -6.62	66.23 -0.89 -14.56	83.09 -0.99 -22.31	64.11 -0.76 -16.13	58.44 -0.74 -14.05	47.24 -0.70 -8.62	50.40 -0.65 -10.76	47.41 -0.68 -8.26

OUTOKUMPU-AB___DRP 24206	32.66 0.33 -0.43	27.29 -0.01 -0.11	28.14 0.08 -0.16	26.62 0.14 -0.08	37.38 0.60 -0.75	28.56 0.54 -0.26	42.55 0.27 -1.44	39.98 0.18 -1.42	42.69 0.58 -1.69	29.48 0.55 -0.57	42.11 0.99 -1.33	43.36 1.06 -1.26	45.29 0.95 -1.27	45.41 0.82 -1.27	50.05 1.00 -1.46	38.27 0.06 -0.44	43.84 -0.20 -0.91	53.56 -1.06 -2.06	63.88 -1.04 -3.15	50.51 -0.50 -2.28	47.00 -0.12 -1.98	40.81 0.28 -1.22	43.20 1.39 -1.52	42.42 1.42 -1.16
OXBOW___BTM 323836	32.39 0.06 -0.43	27.07 -0.22 -0.11	27.92 -0.14 -0.16	26.42 -0.06 -0.08	37.09 0.32 -0.74	28.33 0.32 -0.26	42.17 -0.10 -1.43	39.65 -0.15 -1.42	42.32 0.22 -1.68	29.20 0.28 -0.56	41.74 0.62 -1.32	42.98 0.69 -1.25	44.89 0.55 -1.26	45.02 0.43 -1.26	49.63 0.59 -1.45	37.93 -0.28 -0.44	43.44 -0.60 -0.91	52.95 -1.65 -2.05	63.08 -1.83 -3.14	49.84 -1.16 -2.27	46.42 -0.69 -1.97	40.39 -0.14 -1.21	42.82 1.01 -1.51	42.11 1.12 -1.16
OXBOW___ 24026	32.39 0.06 -0.43	27.07 -0.23 -0.11	27.92 -0.14 -0.16	26.42 -0.06 -0.08	37.09 0.32 -0.74	28.34 0.32 -0.26	42.19 -0.08 -1.43	39.65 -0.14 -1.42	42.29 0.19 -1.68	29.19 0.27 -0.56	41.74 0.62 -1.32	42.98 0.69 -1.25	44.88 0.55 -1.26	45.01 0.42 -1.26	49.62 0.59 -1.45	37.92 -0.28 -0.44	43.42 -0.62 -0.91	52.86 -1.75 -2.05	63.02 -1.89 -3.14	49.86 -1.14 -2.27	46.42 -0.69 -1.97	40.39 -0.14 -1.21	42.82 1.01 -1.51	42.10 1.11 -1.16
OXY_CHEM_DSASP 323612	32.14 -0.19 -0.43	26.87 -0.42 -0.11	27.74 -0.32 -0.16	26.24 -0.23 -0.08	36.85 0.08 -0.74	28.14 0.13 -0.26	41.87 -0.39 -1.43	39.33 -0.46 -1.41	41.92 -0.17 -1.67	28.92 0.00 -0.56	41.36 0.25 -1.31	42.60 0.31 -1.24	44.47 0.14 -1.26	44.61 0.03 -1.26	49.16 0.13 -1.45	37.56 -0.64 -0.44	42.98 -1.05 -0.90	52.14 -2.45 -2.04	62.13 -2.76 -3.12	49.18 -1.81 -2.26	45.85 -1.25 -1.96	39.97 -0.55 -1.21	42.46 0.66 -1.50	41.80 0.82 -1.15
OZONE_PARK_ESR 323760	33.85 1.84 -0.11	28.87 1.59 -0.09	29.54 1.48 -0.16	27.83 1.29 -0.15	39.12 1.59 -1.50	29.25 1.31 -0.18	42.82 1.87 -0.12	40.37 1.85 -0.14	42.61 2.03 -0.16	34.81 1.68 -4.77	43.00 2.37 -0.83	43.64 2.38 -0.22	45.69 2.62 0.00	46.47 2.89 -0.26	51.99 3.36 -1.03	41.25 3.08 -0.41	46.70 3.57 0.00	56.70 4.14 0.00	66.22 4.44 0.00	51.86 3.13 0.00	47.53 2.40 0.00	41.32 2.00 0.00	42.23 1.94 0.00	41.86 2.03 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.14 -0.19 -0.43	26.87 -0.42 -0.11	27.74 -0.32 -0.16	26.24 -0.23 -0.08	36.85 0.08 -0.74	28.14 0.13 -0.26	41.87 -0.39 -1.43	39.33 -0.46 -1.41	41.92 -0.17 -1.67	28.92 0.00 -0.56	41.36 0.25 -1.31	42.60 0.31 -1.24	44.47 0.14 -1.26	44.61 0.03 -1.26	49.16 0.13 -1.45	37.56 -0.64 -0.44	42.98 -1.05 -0.90	52.14 -2.45 -2.04	62.13 -2.76 -3.12	49.18 -1.81 -2.26	45.85 -1.25 -1.96	39.97 -0.55 -1.21	42.46 0.66 -1.50	41.80 0.82 -1.15
PACKARD__115KV_DUPONT_184 80571	32.14 -0.19 -0.43	26.87 -0.42 -0.11	27.74 -0.32 -0.16	26.24 -0.23 -0.08	36.85 0.08 -0.74	28.14 0.13 -0.26	41.87 -0.39 -1.43	39.33 -0.46 -1.41	41.92 -0.17 -1.67	28.92 0.00 -0.56	41.36 0.25 -1.31	42.60 0.31 -1.24	44.47 0.14 -1.26	44.61 0.03 -1.26	49.16 0.13 -1.45	37.56 -0.64 -0.44	42.98 -1.05 -0.90	52.14 -2.45 -2.04	62.13 -2.76 -3.12	49.18 -1.81 -2.26	45.85 -1.25 -1.96	39.97 -0.55 -1.21	42.46 0.66 -1.50	41.80 0.82 -1.15
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.24 1.23 -0.11	28.38 1.10 -0.09	29.04 0.98 -0.16	27.36 0.81 -0.15	38.45 0.92 -1.50	28.78 0.84 -0.18	42.13 1.18 -0.12	39.71 1.19 -0.14	41.85 1.28 -0.16	34.26 1.14 -4.77	42.23 1.60 -0.83	42.83 1.57 -0.22	44.81 1.74 0.00	45.57 2.00 -0.26	50.96 2.34 -1.03	40.44 2.27 -0.41	45.82 2.69 0.00	55.62 3.06 0.00	64.92 3.14 0.00	50.88 2.15 0.00	46.65 1.52 0.00	40.59 1.27 0.00	41.51 1.21 0.00	41.21 1.38 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.26 2.25 -0.11	29.25 1.97 -0.09	29.93 1.88 -0.16	28.21 1.67 -0.15	39.64 2.11 -1.50	29.74 1.80 -0.18	43.60 2.64 -0.12	41.02 2.50 -0.14	43.23 2.66 -0.16	35.19 2.07 -4.77	43.52 2.89 -0.83	44.17 2.91 -0.22	46.04 2.97 0.00	46.79 3.22 -0.26	52.32 3.70 -1.03	41.50 3.33 -0.41	47.01 3.88 0.00	57.07 4.51 0.00	66.52 4.74 0.00	52.16 3.42 0.00	47.80 2.67 0.00	41.58 2.26 0.00	42.55 2.25 0.00	42.30 2.47 0.00
PATROON__115KV_TB1 80586	31.70 -0.12 0.08	27.13 0.01 0.06	27.79 0.00 0.11	26.31 0.02 0.10	34.92 -0.06 1.05	27.61 -0.02 0.13	40.64 -0.12 0.08	38.20 -0.09 0.10	40.14 -0.17 0.11	24.82 -0.21 3.33	38.77 -0.45 0.58	40.47 -0.42 0.15	42.75 -0.33 0.00	42.82 -0.32 0.18	46.63 -0.24 0.72	37.44 -0.03 0.28	43.08 -0.05 0.00	52.53 -0.03 0.00	61.65 -0.13 0.00	48.60 -0.13 0.00	44.92 -0.22 0.00	39.01 -0.31 0.00	39.89 -0.41 0.00	39.57 -0.26 0.00
PATTRSNVILLE___SOLAR 323815	32.52 0.69 0.07	27.76 0.63 0.06	28.44 0.64 0.09	26.92 0.62 0.09	35.94 0.81 0.89	28.25 0.60 0.11	41.68 0.91 0.07	39.19 0.90 0.08	40.97 0.64 0.09	25.79 0.26 2.84	39.66 0.35 0.49	41.16 0.25 0.13	43.24 0.16 0.00	43.45 0.29 0.15	47.35 0.37 0.61	37.77 0.25 0.24	43.48 0.35 0.00	53.53 0.97 0.00	63.32 1.55 0.00	50.00 1.27 0.00	46.25 1.12 0.00	40.22 0.90 0.00	41.17 0.87 0.00	40.71 0.89 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.46 0.12 -0.45	27.17 -0.13 -0.11	28.02 -0.05 -0.17	26.51 0.03 -0.08	37.22 0.42 -0.77	28.45 0.42 -0.27	42.55 0.22 -1.49	40.04 0.19 -1.47	42.77 0.61 -1.74	29.50 0.56 -0.58	42.17 1.01 -1.37	43.39 1.04 -1.30	45.28 0.90 -1.31	45.43 0.80 -1.31	50.13 1.04 -1.51	38.35 0.13 -0.46	44.04 -0.02 -0.93	54.14 -0.51 -2.10	64.56 -0.43 -3.21	50.94 -0.12 -2.32	47.26 0.10 -2.02	40.85 0.29 -1.24	43.11 1.27 -1.55	42.13 1.12 -1.19
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.24 1.23 -0.11	28.36 1.08 -0.09	29.05 1.00 -0.16	27.42 0.88 -0.15	38.56 1.05 -1.48	28.80 0.86 -0.18	42.18 1.23 -0.11	39.74 1.22 -0.14	41.87 1.29 -0.15	34.12 1.06 -4.70	42.13 1.52 -0.82	42.82 1.56 -0.22	44.85 1.78 0.00	45.59 2.02 -0.25	51.00 2.39 -1.02	40.38 2.22 -0.40	45.80 2.67 0.00	55.79 3.23 0.00	65.28 3.51 0.00	51.19 2.45 0.00	46.97 1.83 0.00	40.72 1.40 0.00	41.63 1.33 0.00	41.24 1.41 0.00
PEEKSKILL___ 23653	33.02 1.00 -0.11	28.19 0.91 -0.09	28.87 0.81 -0.16	27.24 0.69 -0.15	38.31 0.80 -1.48	28.62 0.68 -0.18	41.86 0.91 -0.11	39.42 0.90 -0.14	41.52 0.95 -0.15	33.92 0.85 -4.71	41.85 1.24 -0.82	42.52 1.26 -0.22	44.50 1.43 0.00	45.23 1.66 -0.25	50.62 2.01 -1.02	40.08 1.91 -0.40	45.37 2.24 0.00	55.25 2.69 0.00	64.67 2.90 0.00	50.68 1.95 0.00	46.48 1.34 0.00	40.34 1.02 0.00	41.23 0.93 0.00	40.91 1.08 0.00
PGE MADISON___WINDPWR 24146	34.41 1.93 -0.58	28.90 1.56 -0.15	29.70 1.59 -0.22	27.98 1.47 -0.11	38.86 1.83 -1.01	29.83 1.72 -0.35	45.76 2.98 -1.95	43.18 2.88 -1.93	45.51 2.80 -2.29	30.90 1.78 -0.77	43.75 2.16 -1.79	44.85 2.11 -1.70	46.45 1.66 -1.72	46.94 1.89 -1.72	51.65 2.09 -1.98	39.64 1.28 -0.60	46.21 1.92 -1.15	58.35 3.25 -2.54	70.25 4.58 -3.89	55.24 3.70 -2.82	51.07 3.49 -2.45	43.63 2.80 -1.51	44.88 2.70 -1.88	43.80 2.53 -1.44

PIERCEFIELD___HYD 23852	33.06 0.97 -0.19	27.96 0.72 -0.05	28.68 0.71 -0.07	27.03 0.60 -0.04	37.28 0.92 -0.33	28.67 0.80 -0.12	42.81 1.34 -0.64	40.20 1.20 -0.63	42.34 1.18 -0.75	29.36 0.75 -0.25	41.57 1.19 -0.58	42.86 1.26 -0.56	44.98 1.35 -0.56	45.04 1.15 -0.56	49.17 0.94 -0.65	38.52 0.57 -0.20	43.78 0.27 -0.38	53.53 0.13 -0.84	63.53 0.46 -1.29	50.20 0.54 -0.94	46.80 0.85 -0.82	40.94 1.12 -0.50	42.17 1.25 -0.62	41.49 1.19 -0.48
PINELAWN_CC_1 323563	33.17 1.16 -0.11	28.32 1.04 -0.09	28.95 0.89 -0.16	27.28 0.73 -0.15	38.35 0.81 -1.50	28.60 0.66 -0.18	39.82 0.49 1.51	14.40 0.58 24.57	14.66 0.85 26.61	16.09 0.83 13.09	33.17 1.38 8.00	42.58 1.32 -0.22	42.68 0.88 1.27	24.75 1.09 19.66	50.94 1.48 -1.87	45.33 1.62 -5.94	46.32 1.85 -1.34	56.06 1.97 -1.53	63.14 1.83 0.47	49.65 1.07 0.15	43.90 0.57 1.81	22.02 0.41 17.70	40.87 0.70 0.12	40.78 0.95 0.00
PJM_GEN_HTTP_PROXY 323702	33.36 1.35 -0.11	28.46 1.19 -0.09	29.14 1.09 -0.16	27.48 0.93 -0.15	38.65 1.12 -1.50	28.88 0.94 -0.18	42.26 1.31 -0.12	39.83 1.31 -0.14	42.01 1.43 -0.16	34.39 1.26 -4.77	42.42 1.79 -0.83	43.03 1.77 -0.22	46.42 1.98 -1.37	48.85 2.22 -3.31	51.69 2.63 -1.48	40.64 2.47 -0.41	45.99 2.87 0.00	55.90 3.35 0.00	65.33 3.56 0.00	51.17 2.44 0.00	46.89 1.75 0.00	40.76 1.44 0.00	41.66 1.37 0.00	41.31 1.49 0.00
PJM_GEN_KEystone 24065	32.44 0.20 -0.34	27.45 0.15 -0.12	28.00 0.13 0.03	26.55 0.12 -0.04	36.95 0.26 -0.66	28.30 0.28 -0.26	42.02 0.20 -0.99	39.53 0.17 -0.99	41.92 0.33 -1.17	31.50 0.34 -2.80	41.64 0.56 -1.28	42.51 0.54 -0.92	45.74 0.48 -2.19	47.87 0.55 -4.00	50.34 0.84 -1.91	38.75 0.50 -0.50	43.15 0.58 0.55	55.42 0.64 -2.22	64.42 0.69 -1.96	50.54 0.39 -1.41	46.50 0.13 -1.23	40.19 0.11 -0.76	41.67 0.43 -0.94	41.01 0.46 -0.72
PJM_GEN_NEPTUNE_PROXY 323594	32.94 0.92 -0.11	28.13 0.86 -0.09	28.77 0.71 -0.16	27.13 0.58 -0.15	38.15 0.62 -1.50	28.44 0.50 -0.18	39.32 0.30 1.82	9.67 0.35 29.05	9.63 0.61 31.40	12.64 0.65 16.37	25.70 1.09 15.18	42.35 1.09 -0.22	43.82 0.98 0.23	22.14 1.29 22.47	48.46 1.69 0.82	40.28 1.76 -0.76	42.70 2.06 2.49	52.10 2.24 2.69	63.35 2.19 0.61	49.90 1.37 0.20	43.62 0.73 2.25	17.94 0.48 21.85	40.56 0.42 0.15	40.51 0.68 0.00
PJM_GEN_VFT_PROXY 323633	33.23 1.22 -0.11	28.35 1.08 -0.09	25.98 0.99 2.91	26.00 0.80 1.20	30.13 1.01 6.91	28.81 0.87 -0.18	42.12 1.17 -0.12	39.69 1.17 -0.14	41.86 1.28 -0.16	34.28 1.15 -4.77	42.21 1.59 -0.83	42.81 1.55 -0.22	46.17 1.73 -1.37	48.61 1.98 -3.31	51.41 2.35 -1.48	40.46 2.29 -0.41	45.78 2.66 0.00	55.60 3.04 0.00	65.01 3.23 0.00	50.89 2.16 0.00	46.61 1.47 0.00	40.55 1.23 0.00	41.43 1.14 0.00	41.12 1.29 0.00
PLATSBURG_115KV_PMLD1 355749	32.77 0.87 0.00	27.84 0.65 0.00	28.54 0.64 0.00	26.85 0.46 0.00	36.58 0.55 0.00	28.26 0.50 0.00	41.66 0.82 0.00	38.82 0.44 0.00	40.74 0.32 0.00	28.77 0.42 0.00	40.50 0.70 0.00	41.59 0.54 0.00	43.85 0.78 0.00	43.83 0.51 0.00	47.31 -0.28 0.00	37.75 -0.01 0.00	42.76 -0.36 0.00	51.99 -0.57 0.00	61.57 -0.21 0.00	48.93 0.20 0.00	45.98 0.85 0.00	40.26 0.94 0.00	41.74 1.45 0.00	41.20 1.37 0.00
PLEASANTVLY___LBMP 24000	32.71 0.69 -0.12	27.93 0.65 -0.10	28.65 0.58 -0.17	27.05 0.49 -0.16	38.20 0.53 -1.64	28.40 0.44 -0.20	41.53 0.56 -0.13	39.09 0.56 -0.15	41.17 0.58 -0.17	34.10 0.54 -5.21	41.48 0.78 -0.91	42.08 0.80 -0.24	44.02 0.95 0.00	44.73 1.13 -0.28	50.09 1.37 -1.13	39.59 1.38 -0.45	44.77 1.64 0.00	54.55 1.99 0.00	63.86 2.08 0.00	50.12 1.39 0.00	46.06 0.93 0.00	39.98 0.66 0.00	40.93 0.63 0.00	40.61 0.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.17 1.16 -0.12	28.32 1.04 -0.09	29.01 0.95 -0.16	27.37 0.82 -0.15	38.51 0.97 -1.51	28.75 0.81 -0.19	42.06 1.10 -0.12	39.62 1.10 -0.14	41.77 1.19 -0.16	34.18 1.02 -4.81	42.10 1.47 -0.84	42.75 1.49 -0.22	44.76 1.69 0.00	45.49 1.91 -0.26	50.92 2.29 -1.04	40.31 2.14 -0.41	45.66 2.53 0.00	55.59 3.03 0.00	65.00 3.22 0.00	50.92 2.19 0.00	46.73 1.59 0.00	40.46 1.14 0.00	41.34 1.05 0.00	41.03 1.20 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.17 1.16 -0.12	28.32 1.04 -0.09	29.01 0.95 -0.16	27.37 0.82 -0.15	38.51 0.97 -1.51	28.75 0.81 -0.19	42.06 1.10 -0.12	39.62 1.10 -0.14	41.77 1.19 -0.16	34.18 1.02 -4.81	42.10 1.47 -0.84	42.75 1.49 -0.22	44.76 1.69 0.00	45.49 1.91 -0.26	50.92 2.29 -1.04	40.31 2.14 -0.41	45.66 2.53 0.00	55.59 3.03 0.00	65.00 3.22 0.00	50.92 2.19 0.00	46.73 1.59 0.00	40.46 1.14 0.00	41.34 1.05 0.00	41.03 1.20 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.02 1.02 -0.11	28.17 0.90 -0.09	28.88 0.83 -0.15	27.27 0.73 -0.14	38.33 0.86 -1.45	28.63 0.70 -0.18	41.94 0.99 -0.11	39.51 0.99 -0.14	41.59 1.02 -0.15	33.79 0.84 -4.59	41.73 1.14 -0.80	42.45 1.19 -0.21	44.44 1.37 0.00	45.15 1.58 -0.25	50.46 1.88 -0.99	39.96 1.81 -0.39	45.37 2.24 0.00	55.31 2.75 0.00	64.77 3.00 0.00	50.84 2.11 0.00	46.69 1.56 0.00	40.49 1.17 0.00	41.42 1.12 0.00	41.04 1.21 0.00
POLETTI____ 23519	28.24 0.93 4.59	26.10 0.87 1.94	26.10 0.72 2.52	25.81 0.61 1.19	25.53 0.55 11.04	25.61 0.56 2.71	26.25 0.77 15.35	26.26 0.82 12.95	26.27 0.89 15.05	26.35 0.86 2.87	27.48 1.24 13.55	27.46 1.17 14.75	29.20 1.35 15.22	30.69 1.60 14.23	36.33 1.87 13.13	28.63 1.91 11.04	34.01 2.31 11.44	43.90 2.55 11.21	53.31 2.50 10.96	39.14 1.64 11.23	34.63 1.05 11.55	28.54 0.87 11.65	28.45 0.89 12.73	29.75 1.08 11.16
POMONA___ESR 323819	33.05 1.04 -0.11	28.20 0.93 -0.09	28.89 0.84 -0.15	27.25 0.71 -0.14	38.31 0.84 -1.44	28.64 0.71 -0.18	41.90 0.95 -0.11	39.46 0.94 -0.14	41.56 0.99 -0.15	33.79 0.87 -4.56	41.88 1.29 -0.80	42.60 1.34 -0.21	44.62 1.55 0.00	45.35 1.78 -0.25	50.74 2.16 -0.99	40.16 2.01 -0.39	45.48 2.35 0.00	55.41 2.85 0.00	64.89 3.11 0.00	50.83 2.09 0.00	46.59 1.46 0.00	40.41 1.09 0.00	41.29 0.99 0.00	40.96 1.13 0.00
PORT_JEFF_3 23555	32.88 0.87 -0.11	28.11 0.83 -0.09	28.70 0.64 -0.16	27.05 0.50 -0.15	38.00 0.47 -1.50	28.39 0.45 -0.18	39.28 0.12 1.67	11.70 0.28 26.96	11.81 0.55 29.17	14.11 0.59 14.84	28.55 1.12 12.37	42.35 1.09 -0.22	42.51 0.91 1.47	21.35 1.18 23.15	49.02 1.46 0.03	42.13 1.59 -2.79	44.12 1.96 0.97	53.43 1.92 1.05	62.90 1.68 0.56	49.45 0.90 0.18	43.41 0.35 2.07	19.35 0.21 20.18	40.45 0.30 0.14	40.45 0.62 0.00
PORT_JEFF_4 23616	32.88 0.87 -0.11	28.11 0.83 -0.09	28.70 0.64 -0.16	27.05 0.50 -0.15	38.00 0.47 -1.50	28.39 0.45 -0.18	39.28 0.12 1.67	11.70 0.28 26.96	11.81 0.55 29.17	14.11 0.59 14.84	28.55 1.12 12.37	42.35 1.09 -0.22	42.51 0.91 1.47	21.35 1.18 23.15	49.02 1.46 0.03	42.13 1.59 -2.79	44.12 1.96 0.97	53.43 1.92 1.05	62.90 1.68 0.56	49.45 0.90 0.18	43.41 0.35 2.07	19.35 0.21 20.18	40.45 0.30 0.14	40.45 0.62 0.00

PORT_JEFF_IC 23713	32.96 0.95 -0.11	28.17 0.89 -0.09	28.75 0.70 -0.16	27.09 0.55 -0.15	38.06 0.53 -1.50	28.43 0.49 -0.18	39.34 0.17 1.66	11.90 0.37 26.85	12.00 0.64 29.06	14.26 0.66 14.76	28.80 1.22 12.22	42.45 1.18 -0.22	42.60 0.99 1.46	21.64 1.36 23.04	49.29 1.68 -0.03	42.40 1.76 -2.88	44.38 2.15 0.90	53.75 2.15 0.96	63.01 1.79 0.55	49.47 0.91 0.18	43.58 0.51 2.06	19.58 0.35 20.09	40.54 0.39 0.14	40.53 0.70 0.00
PPL PILGRIM_ST_GT1 24216	33.26 1.25 -0.11	28.42 1.14 -0.09	29.03 0.97 -0.16	27.34 0.80 -0.15	38.42 0.89 -1.50	28.68 0.74 -0.18	39.77 0.57 1.64	12.57 0.64 26.45	12.72 0.93 28.63	14.78 0.88 14.46	29.73 1.52 11.58	42.76 1.50 -0.22	42.94 1.30 1.43	22.36 1.61 22.58	49.96 2.11 -0.27	43.19 2.15 -3.29	45.13 2.59 0.59	54.78 2.85 0.63	64.04 2.80 0.54	50.34 1.78 0.17	44.18 1.07 2.03	20.32 0.76 19.76	40.94 0.78 0.14	40.89 1.07 0.00
PPL PILGRIM_ST_GT2 24217	33.26 1.25 -0.11	28.42 1.14 -0.09	29.03 0.97 -0.16	27.34 0.80 -0.15	38.42 0.89 -1.50	28.68 0.74 -0.18	39.77 0.57 1.64	12.57 0.64 26.45	12.72 0.93 28.63	14.78 0.88 14.46	29.73 1.52 11.58	42.76 1.50 -0.22	42.94 1.30 1.43	22.36 1.61 22.58	49.96 2.11 -0.27	43.19 2.15 -3.29	45.13 2.59 0.59	54.78 2.85 0.63	64.04 2.80 0.54	50.34 1.78 0.17	44.18 1.07 2.03	20.32 0.76 19.76	40.94 0.78 0.14	40.89 1.07 0.00
PPL_SHRM_GT3 24213	32.50 0.49 -0.11	27.79 0.51 -0.09	28.36 0.31 -0.16	26.74 0.19 -0.15	37.57 0.04 -1.50	28.09 0.15 -0.18	38.89 -0.28 1.67	11.46 -0.01 26.90	11.64 0.33 29.11	14.01 0.45 14.80	28.28 0.77 12.29	41.98 0.71 -0.22	42.16 0.55 1.46	21.13 0.90 23.09	48.77 1.18 0.00	42.04 1.44 -2.84	44.07 1.87 0.93	53.53 1.98 1.00	62.93 1.71 0.56	49.45 0.90 0.18	43.23 0.17 2.07	19.19 0.00 20.13	40.20 0.04 0.14	40.14 0.32 0.00
PPL_SHRM_GT4 24214	32.50 0.49 -0.11	27.79 0.51 -0.09	28.36 0.31 -0.16	26.74 0.19 -0.15	37.57 0.04 -1.50	28.09 0.15 -0.18	38.89 -0.28 1.67	11.46 -0.01 26.90	11.64 0.33 29.11	14.01 0.45 14.80	28.28 0.77 12.29	41.98 0.71 -0.22	42.16 0.55 1.46	21.13 0.90 23.09	48.77 1.18 0.00	42.04 1.44 -2.84	44.07 1.87 0.93	53.53 1.98 1.00	62.93 1.71 0.56	49.45 0.90 0.18	43.23 0.17 2.07	19.19 0.00 20.13	40.20 0.04 0.14	40.14 0.32 0.00
PROJECT___ORANGE 1 24174	32.49 -0.19 -0.79	27.17 -0.22 -0.20	27.98 -0.22 -0.30	26.36 -0.19 -0.15	37.16 -0.23 -1.36	28.10 -0.13 -0.48	43.32 -0.15 -2.63	40.86 -0.11 -2.60	43.43 -0.08 -3.08	29.34 -0.05 -1.03	42.14 -0.07 -2.42	43.24 -0.10 -2.30	45.22 -0.17 -2.32	45.41 -0.23 -2.32	50.05 -0.20 -2.66	38.32 -0.25 -0.81	44.53 -0.19 -1.58	56.00 -0.02 -3.47	67.14 0.05 -5.31	52.58 0.01 -3.84	48.41 -0.07 -3.34	41.24 -0.14 -2.05	42.76 -0.10 -2.56	41.63 -0.16 -1.97
PROJECT___ORANGE 2 24166	32.49 -0.19 -0.79	27.17 -0.22 -0.20	27.98 -0.22 -0.30	26.36 -0.19 -0.15	37.16 -0.23 -1.36	28.10 -0.13 -0.48	43.32 -0.15 -2.63	40.86 -0.11 -2.60	43.43 -0.08 -3.08	29.34 -0.05 -1.03	42.14 -0.07 -2.42	43.24 -0.10 -2.30	45.22 -0.17 -2.32	45.41 -0.23 -2.32	50.05 -0.20 -2.66	38.32 -0.25 -0.81	44.53 -0.19 -1.58	56.00 -0.02 -3.47	67.14 0.05 -5.31	52.58 0.01 -3.84	48.41 -0.07 -3.34	41.24 -0.14 -2.05	42.76 -0.10 -2.56	41.63 -0.16 -1.97
PUCKETT___SOLAR 323809	32.97 0.52 -0.55	27.72 0.40 -0.14	28.52 0.41 -0.21	26.93 0.43 -0.10	37.59 0.61 -0.96	28.62 0.52 -0.34	43.51 0.81 -1.86	40.99 0.78 -1.83	43.38 0.79 -2.17	29.61 0.52 -0.73	42.03 0.54 -1.70	43.03 0.37 -1.62	44.82 0.12 -1.63	45.20 0.25 -1.64	49.84 0.37 -1.88	38.43 0.10 -0.57	44.51 0.28 -1.11	55.92 0.93 -2.43	66.96 1.45 -3.73	52.59 1.16 -2.70	48.49 1.01 -2.35	41.57 0.81 -1.44	42.95 0.85 -1.80	41.90 0.69 -1.38
PYRITES___HYD 24023	33.51 1.43 -0.18	28.35 1.12 -0.04	29.08 1.11 -0.07	27.41 0.98 -0.03	37.81 1.47 -0.31	29.12 1.25 -0.11	43.49 2.06 -0.59	40.83 1.87 -0.58	42.95 1.83 -0.70	29.69 1.10 -0.23	42.03 1.69 -0.55	43.38 1.82 -0.52	45.54 1.95 -0.52	45.49 1.65 -0.52	49.51 1.32 -0.60	38.71 0.77 -0.18	44.07 0.58 -0.36	54.18 0.84 -0.79	64.67 1.69 -1.20	51.19 1.59 -0.87	47.68 1.79 -0.76	41.68 1.89 -0.46	42.84 1.96 -0.58	42.10 1.83 -0.44
QUAKERRD_115KV_BK1 80622	31.83 -0.48 -0.41	26.76 -0.52 -0.10	27.54 -0.51 -0.15	26.02 -0.46 -0.08	36.26 -0.47 -0.71	27.72 -0.28 -0.25	41.74 -0.46 -1.37	39.32 -0.41 -1.35	41.76 -0.26 -1.60	28.72 -0.17 -0.54	40.91 -0.14 -1.25	42.07 -0.16 -1.19	44.00 -0.27 -1.21	44.16 -0.36 -1.20	48.64 -0.33 -1.38	37.65 -0.53 -0.42	43.47 -0.59 -0.94	53.89 -0.78 -2.11	64.30 -0.71 -3.23	50.59 -0.48 -2.34	46.73 -0.44 -2.03	40.19 -0.37 -1.25	41.82 -0.03 -1.56	40.86 -0.16 -1.19
QUENSBRY_115KV_TB8 356137	32.69 0.89 0.09	27.96 0.85 0.08	28.67 0.90 0.13	27.15 0.88 0.12	35.98 1.19 1.24	28.50 0.90 0.15	42.22 1.48 0.10	39.53 1.27 0.12	41.37 1.08 0.13	24.96 0.54 3.94	39.76 0.66 0.69	41.65 0.79 0.18	44.07 0.99 0.00	44.00 0.89 0.21	47.85 1.12 0.85	38.22 0.80 0.34	44.60 1.47 0.00	54.39 1.83 0.00	64.09 2.32 0.00	50.65 1.92 0.00	46.77 1.63 0.00	40.60 1.28 0.00	41.45 1.15 0.00	40.99 1.16 0.00
RAMAPO___LBMP 323565	32.89 0.89 -0.11	28.08 0.81 -0.09	28.75 0.71 -0.15	27.13 0.59 -0.14	38.13 0.68 -1.42	28.51 0.58 -0.17	41.71 0.77 -0.11	39.28 0.76 -0.13	41.37 0.80 -0.15	33.59 0.73 -4.50	41.64 1.06 -0.79	42.35 1.10 -0.21	44.35 1.28 0.00	45.08 1.51 -0.24	50.40 1.84 -0.97	39.89 1.74 -0.38	45.16 2.04 0.00	55.07 2.51 0.00	64.51 2.74 0.00	50.53 1.80 0.00	46.33 1.19 0.00	40.19 0.87 0.00	41.08 0.78 0.00	40.76 0.93 0.00
RANKINE___ 23646	32.63 0.29 -0.44	27.29 -0.01 -0.11	28.16 0.09 -0.17	26.62 0.15 -0.08	37.39 0.60 -0.77	28.57 0.54 -0.27	42.68 0.36 -1.48	40.14 0.30 -1.46	42.90 0.75 -1.73	29.60 0.66 -0.58	42.26 1.11 -1.36	43.51 1.17 -1.29	45.44 1.07 -1.30	45.58 0.95 -1.31	50.26 1.17 -1.50	38.44 0.22 -0.46	44.10 0.04 -0.93	54.16 -0.48 -2.09	64.64 -0.33 -3.20	51.07 0.03 -2.31	47.42 0.28 -2.01	41.05 0.49 -1.24	43.34 1.50 -1.54	42.41 1.40 -1.18
RAVENSWOOD_GT2_1 24244	33.36 1.35 -0.11	28.48 1.20 -0.09	29.16 1.10 -0.16	27.49 0.94 -0.15	38.65 1.12 -1.50	28.88 0.94 -0.18	42.24 1.29 -0.12	39.80 1.28 -0.14	41.98 1.40 -0.16	34.36 1.23 -4.77	42.38 1.75 -0.83	42.99 1.72 -0.22	44.99 1.91 0.00	45.75 2.17 -0.26	51.18 2.56 -1.03	40.59 2.42 -0.41	45.95 2.82 0.00	55.87 3.31 0.00	65.27 3.50 0.00	51.11 2.38 0.00	46.85 1.71 0.00	40.71 1.39 0.00	41.62 1.32 0.00	41.30 1.47 0.00
RAVENSWOOD_GT2_2 24245	33.36 1.35 -0.11	28.48 1.20 -0.09	29.16 1.10 -0.16	27.49 0.94 -0.15	38.65 1.12 -1.50	28.88 0.94 -0.18	42.24 1.29 -0.12	39.80 1.28 -0.14	41.98 1.40 -0.16	34.36 1.23 -4.77	42.38 1.75 -0.83	42.99 1.72 -0.22	44.99 1.91 0.00	45.75 2.17 -0.26	51.18 2.56 -1.03	40.59 2.42 -0.41	45.95 2.82 0.00	55.87 3.31 0.00	65.27 3.50 0.00	51.11 2.38 0.00	46.85 1.71 0.00	40.71 1.39 0.00	41.62 1.32 0.00	41.30 1.47 0.00

RAVENSWOOD_GT2_3 24246	33.38 1.37 -0.11	28.49 1.21 -0.09	29.17 1.11 -0.16	27.50 0.96 -0.15	38.67 1.14 -1.50	28.89 0.95 -0.18	42.26 1.31 -0.12	39.82 1.31 -0.14	42.00 1.43 -0.16	34.37 1.25 -4.77	42.39 1.77 -0.83	43.03 1.76 -0.22	45.02 1.95 0.00	45.78 2.21 -0.26	51.20 2.58 -1.03	40.61 2.44 -0.41	45.97 2.85 0.00	55.90 3.35 0.00	65.32 3.54 0.00	51.15 2.42 0.00	46.88 1.75 0.00	40.74 1.42 0.00	41.64 1.34 0.00	41.32 1.49 0.00
RAVENSWOOD_GT2_4 24247	33.38 1.37 -0.11	28.49 1.21 -0.09	29.17 1.11 -0.16	27.50 0.96 -0.15	38.67 1.14 -1.50	28.89 0.95 -0.18	42.26 1.31 -0.12	39.82 1.31 -0.14	42.00 1.43 -0.16	34.37 1.25 -4.77	42.39 1.77 -0.83	43.03 1.76 -0.22	45.02 1.95 0.00	45.78 2.21 -0.26	51.20 2.58 -1.03	40.61 2.44 -0.41	45.97 2.85 0.00	55.90 3.35 0.00	65.32 3.54 0.00	51.15 2.42 0.00	46.88 1.75 0.00	40.74 1.42 0.00	41.64 1.34 0.00	41.32 1.49 0.00
RAVENSWOOD_GT3_1 24248	33.36 1.35 -0.11	28.48 1.20 -0.09	29.16 1.10 -0.16	27.49 0.94 -0.15	38.65 1.12 -1.50	28.88 0.94 -0.18	42.24 1.29 -0.12	39.80 1.28 -0.14	41.98 1.41 -0.16	34.36 1.23 -4.77	42.38 1.75 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.18 2.56 -1.03	40.59 2.42 -0.41	45.95 2.82 0.00	55.87 3.31 0.00	65.28 3.50 0.00	51.11 2.38 0.00	46.85 1.71 0.00	40.71 1.39 0.00	41.62 1.33 0.00	41.30 1.47 0.00
RAVENSWOOD_GT3_2 24249	33.36 1.35 -0.11	28.48 1.20 -0.09	29.16 1.10 -0.16	27.49 0.94 -0.15	38.65 1.12 -1.50	28.88 0.94 -0.18	42.24 1.29 -0.12	39.80 1.28 -0.14	41.98 1.41 -0.16	34.36 1.23 -4.77	42.38 1.75 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.18 2.56 -1.03	40.59 2.42 -0.41	45.95 2.82 0.00	55.87 3.31 0.00	65.28 3.50 0.00	51.11 2.38 0.00	46.85 1.71 0.00	40.71 1.39 0.00	41.62 1.33 0.00	41.30 1.47 0.00
RAVENSWOOD_GT3_3 24250	33.42 1.41 -0.11	28.53 1.25 -0.09	29.20 1.15 -0.16	27.54 0.99 -0.15	38.71 1.18 -1.50	28.93 0.99 -0.18	42.32 1.37 -0.12	39.87 1.35 -0.14	42.06 1.48 -0.16	34.41 1.29 -4.77	42.46 1.83 -0.83	43.08 1.81 -0.22	45.08 2.01 0.00	45.84 2.26 -0.26	51.29 2.67 -1.03	40.67 2.51 -0.41	46.05 2.92 0.00	55.98 3.42 0.00	65.41 3.64 0.00	51.22 2.48 0.00	46.94 1.80 0.00	40.79 1.47 0.00	41.71 1.41 0.00	41.37 1.54 0.00
RAVENSWOOD_GT3_4 24251	33.42 1.41 -0.11	28.53 1.25 -0.09	29.20 1.15 -0.16	27.54 0.99 -0.15	38.71 1.18 -1.50	28.93 0.99 -0.18	42.32 1.37 -0.12	39.87 1.35 -0.14	42.06 1.48 -0.16	34.41 1.29 -4.77	42.46 1.83 -0.83	43.08 1.81 -0.22	45.08 2.01 0.00	45.84 2.26 -0.26	51.29 2.67 -1.03	40.67 2.51 -0.41	46.05 2.92 0.00	55.98 3.42 0.00	65.41 3.64 0.00	51.22 2.48 0.00	46.94 1.80 0.00	40.79 1.47 0.00	41.71 1.41 0.00	41.37 1.54 0.00
RAVENSWOOD_GT_1 23729	33.31 1.29 -0.11	28.46 1.18 -0.09	29.13 1.08 -0.16	27.46 0.92 -0.15	38.58 1.05 -1.50	28.86 0.91 -0.18	42.20 1.25 -0.12	39.77 1.25 -0.14	41.94 1.37 -0.16	34.36 1.23 -4.77	42.36 1.73 -0.83	42.94 1.68 -0.22	44.92 1.85 0.00	45.69 2.12 -0.26	51.07 2.45 -1.03	40.54 2.38 -0.41	45.91 2.78 0.00	55.76 3.20 0.00	65.08 3.30 0.00	50.96 2.23 0.00	46.70 1.56 0.00	40.60 1.28 0.00	41.51 1.21 0.00	41.22 1.39 0.00
RAVENSWOOD_GT_10 24258	33.37 1.36 -0.11	28.48 1.21 -0.09	29.16 1.10 -0.16	27.50 0.95 -0.15	38.66 1.13 -1.50	28.89 0.95 -0.18	42.24 1.29 -0.12	39.80 1.29 -0.14	41.99 1.41 -0.16	34.36 1.23 -4.77	42.38 1.75 -0.83	42.99 1.73 -0.22	45.00 1.93 0.00	45.76 2.18 -0.26	51.20 2.58 -1.03	40.60 2.43 -0.41	45.96 2.83 0.00	55.87 3.32 0.00	65.30 3.52 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.72 1.40 0.00	41.63 1.34 0.00	41.31 1.48 0.00
RAVENSWOOD_GT_11 24259	33.37 1.36 -0.11	28.48 1.21 -0.09	29.16 1.10 -0.16	27.50 0.95 -0.15	38.66 1.13 -1.50	28.89 0.95 -0.18	42.24 1.29 -0.12	39.80 1.29 -0.14	41.99 1.41 -0.16	34.36 1.23 -4.77	42.38 1.75 -0.83	42.99 1.73 -0.22	45.00 1.93 0.00	45.76 2.18 -0.26	51.20 2.58 -1.03	40.60 2.43 -0.41	45.96 2.83 0.00	55.87 3.32 0.00	65.30 3.52 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.72 1.40 0.00	41.63 1.34 0.00	41.31 1.48 0.00
RAVENSWOOD_GT_4 24252	33.40 1.39 -0.11	28.50 1.22 -0.09	29.18 1.12 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.32 -0.14	42.02 1.45 -0.16	34.38 1.25 -4.77	42.41 1.79 -0.83	43.05 1.78 -0.22	45.06 1.99 0.00	45.82 2.24 -0.26	51.25 2.63 -1.03	40.64 2.47 -0.41	45.99 2.87 0.00	55.95 3.39 0.00	65.38 3.60 0.00	51.20 2.46 0.00	46.92 1.78 0.00	40.77 1.45 0.00	41.68 1.38 0.00	41.35 1.52 0.00
RAVENSWOOD_GT_5 24254	33.40 1.39 -0.11	28.50 1.22 -0.09	29.18 1.12 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.32 -0.14	42.02 1.45 -0.16	34.38 1.25 -4.77	42.41 1.79 -0.83	43.05 1.78 -0.22	45.06 1.99 0.00	45.82 2.24 -0.26	51.25 2.63 -1.03	40.64 2.47 -0.41	45.99 2.87 0.00	55.95 3.39 0.00	65.38 3.60 0.00	51.20 2.46 0.00	46.92 1.78 0.00	40.77 1.45 0.00	41.68 1.38 0.00	41.35 1.52 0.00
RAVENSWOOD_GT_6 24253	33.40 1.39 -0.11	28.50 1.22 -0.09	29.18 1.12 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.32 -0.14	42.02 1.45 -0.16	34.38 1.25 -4.77	42.41 1.79 -0.83	43.05 1.78 -0.22	45.06 1.99 0.00	45.82 2.24 -0.26	51.25 2.63 -1.03	40.64 2.47 -0.41	45.99 2.87 0.00	55.95 3.39 0.00	65.38 3.60 0.00	51.20 2.46 0.00	46.92 1.78 0.00	40.77 1.45 0.00	41.68 1.38 0.00	41.35 1.52 0.00
RAVENSWOOD_GT_7 24255	33.40 1.39 -0.11	28.50 1.22 -0.09	29.18 1.12 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.91 0.97 -0.18	42.28 1.33 -0.12	39.83 1.32 -0.14	42.02 1.45 -0.16	34.38 1.25 -4.77	42.41 1.79 -0.83	43.05 1.78 -0.22	45.06 1.99 0.00	45.82 2.24 -0.26	51.25 2.63 -1.03	40.64 2.47 -0.41	45.99 2.87 0.00	55.95 3.39 0.00	65.38 3.60 0.00	51.20 2.46 0.00	46.92 1.78 0.00	40.77 1.45 0.00	41.68 1.38 0.00	41.35 1.52 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.37 1.36 -0.11	28.48 1.21 -0.09	29.16 1.10 -0.16	27.50 0.95 -0.15	38.66 1.13 -1.50	28.89 0.95 -0.18	42.24 1.29 -0.12	39.80 1.29 -0.14	41.99 1.41 -0.16	34.36 1.23 -4.77	42.38 1.75 -0.83	42.99 1.73 -0.22	45.00 1.93 0.00	45.76 2.18 -0.26	51.20 2.58 -1.03	40.60 2.43 -0.41	45.96 2.83 0.00	55.87 3.32 0.00	65.30 3.52 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.72 1.40 0.00	41.63 1.34 0.00	41.31 1.48 0.00
RAVENSWOOD_GT_9 24257	33.37 1.36 -0.11	28.48 1.21 -0.09	29.16 1.10 -0.16	27.50 0.95 -0.15	38.66 1.13 -1.50	28.89 0.95 -0.18	42.24 1.29 -0.12	39.80 1.29 -0.14	41.99 1.41 -0.16	34.36 1.23 -4.77	42.38 1.75 -0.83	42.99 1.73 -0.22	45.00 1.93 0.00	45.76 2.18 -0.26	51.20 2.58 -1.03	40.60 2.43 -0.41	45.96 2.83 0.00	55.87 3.32 0.00	65.30 3.52 0.00	51.12 2.39 0.00	46.86 1.72 0.00	40.72 1.40 0.00	41.63 1.34 0.00	41.31 1.48 0.00

RAVENSWOOD___1 23533	33.26 1.25 -0.11	28.43 1.15 -0.09	29.09 1.04 -0.16	27.42 0.87 -0.15	38.53 1.00 -1.50	28.81 0.87 -0.18	42.14 1.19 -0.12	39.71 1.19 -0.14	41.87 1.29 -0.16	34.31 1.18 -4.77	42.28 1.65 -0.83	42.84 1.57 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.96 2.34 -1.03	40.47 2.30 -0.41	45.81 2.68 0.00	55.59 3.03 0.00	64.94 3.16 0.00	50.87 2.14 0.00	46.63 1.49 0.00	40.55 1.23 0.00	41.44 1.14 0.00	41.14 1.32 0.00
RAVENSWOOD___2 23534	33.10 1.09 -0.11	28.37 1.09 -0.09	29.05 0.99 -0.16	27.38 0.83 -0.15	38.43 0.90 -1.50	28.77 0.83 -0.18	42.04 1.09 -0.12	39.57 1.05 -0.14	41.69 1.11 -0.16	34.24 1.11 -4.77	42.12 1.49 -0.83	42.54 1.27 -0.22	44.46 1.39 0.00	45.23 1.65 -0.26	50.58 1.96 -1.03	40.22 2.05 -0.41	45.52 2.39 0.00	55.19 2.63 0.00	64.45 2.68 0.00	50.48 1.75 0.00	46.28 1.15 0.00	40.32 1.00 0.00	41.16 0.86 0.00	40.88 1.05 0.00
RAVENSWOOD___3 23535	33.37 1.36 -0.11	28.48 1.21 -0.09	29.16 1.10 -0.16	27.49 0.95 -0.15	38.65 1.12 -1.50	28.89 0.95 -0.18	42.25 1.30 -0.12	39.80 1.29 -0.14	41.97 1.40 -0.16	34.36 1.23 -4.77	42.38 1.75 -0.83	42.99 1.73 -0.22	44.99 1.92 0.00	45.75 2.17 -0.26	51.17 2.55 -1.03	40.59 2.42 -0.41	45.95 2.82 0.00	55.83 3.28 0.00	65.26 3.48 0.00	51.12 2.39 0.00	46.85 1.71 0.00	40.71 1.39 0.00	41.62 1.33 0.00	41.30 1.47 0.00
RAVENSWOOD___4 23820	33.26 1.25 -0.11	28.43 1.15 -0.09	29.09 1.04 -0.16	27.42 0.87 -0.15	38.53 1.00 -1.50	28.81 0.87 -0.18	42.14 1.19 -0.12	39.71 1.19 -0.14	41.87 1.29 -0.16	34.31 1.18 -4.77	42.28 1.65 -0.83	42.84 1.57 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.96 2.34 -1.03	40.47 2.30 -0.41	45.81 2.68 0.00	55.59 3.03 0.00	64.94 3.16 0.00	50.87 2.14 0.00	46.63 1.49 0.00	40.55 1.23 0.00	41.44 1.14 0.00	41.14 1.32 0.00
RCPL_TRUST___DRP 24196	33.40 1.39 -0.11	28.50 1.22 -0.09	29.18 1.12 -0.16	27.51 0.97 -0.15	38.69 1.16 -1.50	28.92 0.97 -0.18	42.31 1.36 -0.12	39.90 1.38 -0.14	42.08 1.51 -0.16	34.44 1.31 -4.77	42.49 1.87 -0.83	43.12 1.86 -0.22	45.16 2.08 0.00	45.92 2.34 -0.26	51.36 2.74 -1.03	40.72 2.55 -0.41	46.11 2.98 0.00	56.04 3.49 0.00	65.48 3.71 0.00	51.26 2.52 0.00	46.98 1.84 0.00	40.83 1.51 0.00	41.73 1.43 0.00	41.39 1.56 0.00
RED___ROCHESTER 323720	32.82 0.53 -0.39	27.57 0.28 -0.10	28.36 0.31 -0.15	26.80 0.33 -0.07	37.35 0.65 -0.68	28.59 0.60 -0.24	42.94 0.79 -1.31	40.48 0.80 -1.29	43.03 1.08 -1.53	29.65 0.78 -0.51	42.22 1.22 -1.20	43.40 1.21 -1.14	45.41 1.19 -1.15	45.59 1.11 -1.16	50.22 1.30 -1.33	38.86 0.70 -0.41	44.75 0.75 -0.87	55.40 0.85 -1.99	66.03 1.21 -3.05	51.97 1.04 -2.20	48.05 0.99 -1.92	41.37 0.88 -1.18	43.10 1.33 -1.47	42.12 1.16 -1.13
REGAN___SOLAR 323812	33.32 1.48 0.06	28.39 1.25 0.05	29.06 1.25 0.08	27.52 1.20 0.08	36.86 1.64 0.80	28.94 1.28 0.10	42.81 2.04 0.06	40.40 2.10 0.08	41.90 1.57 0.08	26.42 0.62 2.55	40.21 0.86 0.44	41.12 0.19 0.12	43.02 -0.05 0.00	43.12 -0.06 0.14	47.31 0.27 0.55	37.64 0.09 0.22	43.00 -0.13 0.00	54.04 1.48 0.00	64.94 3.17 0.00	51.49 2.76 0.00	47.64 2.51 0.00	41.41 2.10 0.00	42.34 2.04 0.00	41.79 1.97 0.00
RENSSELAER___COGEN 23796	31.45 -0.37 0.08	26.93 -0.19 0.06	27.59 -0.20 0.11	26.12 -0.18 0.10	34.69 -0.34 1.00	27.41 -0.23 0.12	40.30 -0.46 0.08	37.89 -0.40 0.09	39.81 -0.51 0.10	24.70 -0.47 3.19	38.39 -0.85 0.55	40.03 -0.86 0.15	42.29 -0.78 0.00	42.37 -0.77 0.17	46.13 -0.76 0.69	37.08 -0.41 0.27	42.59 -0.54 0.00	51.87 -0.69 0.00	60.93 -0.85 0.00	48.05 -0.68 0.00	44.43 -0.71 0.00	38.62 -0.70 0.00	39.50 -0.80 0.00	39.25 -0.58 0.00
REPUBLIC_115KV_BARTNBK 55605	34.41 2.61 0.10	29.49 2.38 0.08	30.21 2.45 0.13	28.56 2.29 0.12	37.99 3.22 1.26	30.30 2.70 0.15	45.00 4.26 0.10	41.97 3.71 0.12	43.66 3.37 0.13	26.41 2.05 4.00	41.93 2.83 0.70	44.00 3.14 0.19	46.73 3.66 0.00	46.32 3.22 0.21	50.49 3.77 0.86	40.21 2.79 0.34	47.57 4.44 0.00	57.83 5.27 0.00	68.21 6.43 0.00	54.19 5.46 0.00	49.97 4.84 0.00	43.06 3.73 0.00	43.85 3.56 0.00	43.23 3.40 0.00
REVERE_CPPR_DRP 24186	33.50 1.23 -0.38	28.26 0.98 -0.10	29.00 0.96 -0.14	27.40 0.93 -0.07	37.98 1.30 -0.66	29.08 1.09 -0.23	43.90 1.79 -1.27	41.29 1.66 -1.26	43.56 1.65 -1.49	29.93 1.07 -0.50	42.41 1.45 -1.17	43.49 1.33 -1.11	45.54 1.35 -1.12	45.55 1.10 -1.12	50.05 1.17 -1.29	39.04 0.89 -0.39	44.92 1.02 -0.77	56.05 1.81 -1.68	66.96 2.62 -2.57	52.77 2.18 -1.86	48.61 1.85 -1.62	41.80 1.49 -0.99	42.97 1.43 -1.24	42.12 1.34 -0.95
REYNLDPA_13_KV_LD 356490	32.51 0.61 0.00	27.63 0.44 0.00	28.34 0.44 0.00	26.76 0.36 0.00	36.62 0.59 0.00	28.27 0.52 0.00	41.62 0.78 0.00	39.08 0.70 0.00	41.17 0.75 0.00	28.90 0.54 0.00	40.69 0.89 0.00	42.02 0.98 0.00	44.07 1.00 0.00	44.30 0.98 0.00	48.51 0.93 0.00	38.45 0.69 0.00	43.78 0.65 0.00	53.06 0.50 0.00	62.42 0.65 0.00	49.30 0.57 0.00	45.90 0.76 0.00	40.17 0.85 0.00	41.14 0.85 0.00	40.59 0.77 0.00
REYNOLDS_115KV_TB3 80639	31.69 -0.11 0.09	27.15 0.04 0.08	27.79 0.02 0.13	26.30 0.03 0.12	34.76 -0.04 1.23	27.60 -0.01 0.15	40.62 -0.12 0.09	38.13 -0.13 0.12	40.06 -0.23 0.13	24.24 -0.22 3.90	38.64 -0.47 0.68	40.40 -0.46 0.18	42.69 -0.38 0.00	42.76 -0.35 0.21	46.43 -0.31 0.84	37.35 -0.08 0.33	43.00 -0.13 0.00	52.33 -0.22 0.00	61.48 -0.30 0.00	48.48 -0.25 0.00	44.83 -0.30 0.00	38.98 -0.34 0.00	39.87 -0.43 0.00	39.57 -0.26 0.00
RIVERBAY____ 323610	34.26 2.25 -0.11	29.25 1.97 -0.09	29.93 1.88 -0.16	28.21 1.67 -0.15	39.64 2.11 -1.50	29.74 1.80 -0.18	43.60 2.64 -0.12	41.02 2.50 -0.14	43.23 2.66 -0.16	35.19 2.07 -4.77	43.52 2.89 -0.83	44.17 2.91 -0.22	46.04 2.97 0.00	46.79 3.22 -0.26	52.32 3.70 -1.03	41.50 3.33 -0.41	47.01 3.88 0.00	57.07 4.51 0.00	66.52 4.74 0.00	52.16 3.42 0.00	47.80 2.67 0.00	41.58 2.26 0.00	42.55 2.25 0.00	42.30 2.47 0.00
RIVERSDE_115KV_TB3 55908	31.63 -0.18 0.09	27.08 -0.04 0.07	27.73 -0.05 0.12	26.26 -0.03 0.11	34.77 -0.13 1.12	27.55 -0.07 0.14	40.54 -0.21 0.09	38.08 -0.19 0.11	40.01 -0.29 0.12	24.51 -0.28 3.57	38.62 -0.56 0.62	40.33 -0.55 0.17	42.61 -0.46 0.00	42.69 -0.44 0.19	46.41 -0.40 0.77	37.31 -0.15 0.31	42.92 -0.21 0.00	52.28 -0.28 0.00	61.40 -0.38 0.00	48.42 -0.32 0.00	44.76 -0.38 0.00	38.90 -0.42 0.00	39.78 -0.52 0.00	39.48 -0.35 0.00
ROARING___BROOK_WT_PWR 323790	31.96 0.06 0.00	27.24 0.05 0.00	27.95 0.05 0.00	26.43 0.03 0.00	36.01 -0.02 0.00	27.72 -0.04 0.00	40.83 0.00 0.00	38.45 0.07 0.00	40.45 0.03 0.00	28.34 -0.02 0.00	39.80 0.00 0.00	41.07 0.03 0.00	43.11 0.04 0.00	43.22 -0.10 0.00	47.42 -0.17 0.00	37.51 -0.25 0.00	42.84 -0.29 0.00	52.21 -0.35 0.00	61.42 -0.36 0.00	48.54 -0.19 0.00	44.97 -0.17 0.00	39.20 -0.12 0.00	40.17 -0.12 0.00	39.67 -0.16 0.00

ROCHESRG_115KV_T4 355643	32.48 0.19 -0.38	27.30 0.02 -0.10	28.09 0.05 -0.15	26.55 0.08 -0.07	37.00 0.31 -0.66	28.31 0.32 -0.23	42.48 0.36 -1.29	40.01 0.36 -1.27	42.52 0.60 -1.51	29.31 0.45 -0.50	41.72 0.74 -1.18	42.89 0.73 -1.12	44.86 0.66 -1.13	45.04 0.59 -1.13	49.62 0.73 -1.30	38.39 0.23 -0.40	44.19 0.21 -0.85	54.59 0.09 -1.95	65.10 0.34 -2.98	51.26 0.37 -2.15	47.41 0.40 -1.88	40.86 0.39 -1.15	42.61 0.87 -1.44	41.66 0.73 -1.10
ROCHESTER_9_IC 23652	32.67 0.38 -0.39	27.45 0.17 -0.10	28.25 0.20 -0.15	26.69 0.22 -0.07	37.21 0.50 -0.68	28.47 0.48 -0.24	42.76 0.62 -1.31	40.29 0.61 -1.29	42.82 0.86 -1.53	29.51 0.63 -0.51	42.01 1.01 -1.20	43.18 1.00 -1.14	45.19 0.96 -1.15	45.35 0.88 -1.16	49.97 1.05 -1.33	38.66 0.49 -0.41	44.51 0.51 -0.87	55.02 0.48 -1.99	65.62 0.79 -3.05	51.69 0.75 -2.20	47.78 0.72 -1.92	41.16 0.66 -1.18	42.89 1.12 -1.47	41.92 0.97 -1.13
ROCKVIEW_13_KV_LD 356306	33.32 1.31 -0.11	28.44 1.16 -0.09	29.13 1.07 -0.16	27.47 0.93 -0.15	38.65 1.12 -1.50	28.86 0.92 -0.18	42.22 1.27 -0.12	39.78 1.26 -0.14	41.95 1.37 -0.16	34.28 1.16 -4.77	42.31 1.68 -0.83	42.97 1.71 -0.22	44.98 1.90 0.00	45.72 2.14 -0.26	51.17 2.55 -1.03	40.53 2.37 -0.41	45.91 2.78 0.00	55.91 3.35 0.00	65.33 3.55 0.00	51.15 2.42 0.00	46.93 1.80 0.00	40.74 1.42 0.00	41.60 1.30 0.00	41.30 1.48 0.00
ROME____115KV_TB2 80656	33.50 1.23 -0.38	28.26 0.98 -0.10	29.00 0.96 -0.14	27.40 0.93 -0.07	37.98 1.30 -0.66	29.08 1.09 -0.23	43.90 1.79 -1.27	41.29 1.66 -1.26	43.56 1.65 -1.49	29.93 1.07 -0.50	42.41 1.45 -1.17	43.49 1.33 -1.11	45.54 1.35 -1.12	45.55 1.10 -1.12	50.05 1.17 -1.29	39.04 0.89 -0.39	44.92 1.02 -0.77	56.05 1.81 -1.68	66.96 2.62 -2.57	52.77 2.18 -1.86	48.61 1.85 -1.62	41.80 1.49 -0.99	42.97 1.43 -1.24	42.12 1.34 -0.95
ROSETON___1 23587	32.69 0.68 -0.11	27.91 0.63 -0.09	28.62 0.57 -0.15	27.02 0.49 -0.14	37.96 0.53 -1.41	28.36 0.43 -0.17	41.50 0.56 -0.11	39.04 0.53 -0.13	41.11 0.55 -0.15	33.35 0.53 -4.47	41.33 0.76 -0.78	42.02 0.78 -0.21	43.99 0.92 0.00	44.66 1.10 -0.24	49.88 1.33 -0.97	39.50 1.36 -0.38	44.70 1.57 0.00	54.44 1.89 0.00	63.75 1.98 0.00	50.05 1.32 0.00	46.01 0.87 0.00	39.95 0.63 0.00	40.92 0.62 0.00	40.61 0.78 0.00
ROSETON___2 23588	32.69 0.68 -0.11	27.91 0.63 -0.09	28.62 0.57 -0.15	27.02 0.49 -0.14	37.96 0.53 -1.41	28.36 0.43 -0.17	41.50 0.56 -0.11	39.04 0.53 -0.13	41.11 0.55 -0.15	33.35 0.53 -4.47	41.33 0.76 -0.78	42.02 0.78 -0.21	43.99 0.92 0.00	44.66 1.10 -0.24	49.88 1.33 -0.97	39.50 1.36 -0.38	44.70 1.57 0.00	54.44 1.89 0.00	63.75 1.98 0.00	50.05 1.32 0.00	46.01 0.87 0.00	39.95 0.63 0.00	40.92 0.62 0.00	40.61 0.78 0.00
ROTRDAM_115KV_TB3 80664	32.25 0.43 0.07	27.55 0.42 0.06	28.24 0.44 0.10	26.73 0.43 0.09	35.63 0.54 0.94	28.02 0.37 0.11	41.32 0.55 0.07	38.80 0.50 0.09	40.74 0.42 0.10	25.62 0.24 2.98	39.57 0.29 0.52	41.20 0.30 0.14	43.41 0.34 0.00	43.54 0.38 0.16	47.45 0.51 0.65	37.95 0.45 0.25	43.72 0.59 0.00	53.43 0.87 0.00	62.82 1.05 0.00	49.52 0.79 0.00	45.80 0.66 0.00	39.83 0.51 0.00	40.79 0.49 0.00	40.35 0.52 0.00
RUSSELL___1 23602	32.83 0.54 -0.39	27.57 0.28 -0.10	28.36 0.31 -0.15	26.80 0.33 -0.07	37.36 0.65 -0.68	28.60 0.60 -0.24	42.95 0.81 -1.31	40.48 0.80 -1.29	43.03 1.07 -1.53	29.65 0.78 -0.51	42.22 1.22 -1.20	43.39 1.21 -1.14	45.42 1.19 -1.15	45.58 1.11 -1.16	50.21 1.30 -1.33	38.86 0.70 -0.41	44.75 0.75 -0.87	55.35 0.80 -1.99	66.00 1.18 -3.05	51.98 1.04 -2.20	48.05 0.99 -1.92	41.37 0.88 -1.18	43.10 1.33 -1.47	42.12 1.16 -1.13
RUSSELL___2 23532	32.83 0.54 -0.39	27.57 0.28 -0.10	28.36 0.31 -0.15	26.80 0.33 -0.07	37.36 0.65 -0.68	28.60 0.60 -0.24	42.95 0.81 -1.31	40.48 0.80 -1.29	43.03 1.07 -1.53	29.65 0.78 -0.51	42.22 1.22 -1.20	43.39 1.21 -1.14	45.42 1.19 -1.15	45.58 1.11 -1.16	50.21 1.30 -1.33	38.86 0.70 -0.41	44.75 0.75 -0.87	55.35 0.80 -1.99	66.00 1.18 -3.05	51.98 1.04 -2.20	48.05 0.99 -1.92	41.37 0.88 -1.18	43.10 1.33 -1.47	42.12 1.16 -1.13
RUSSELL___3 23549	32.83 0.54 -0.39	27.57 0.28 -0.10	28.36 0.31 -0.15	26.80 0.33 -0.07	37.36 0.65 -0.68	28.60 0.60 -0.24	42.95 0.81 -1.31	40.48 0.80 -1.29	43.03 1.07 -1.53	29.65 0.78 -0.51	42.22 1.22 -1.20	43.39 1.21 -1.14	45.42 1.19 -1.15	45.58 1.11 -1.16	50.21 1.30 -1.33	38.86 0.70 -0.41	44.75 0.75 -0.87	55.35 0.80 -1.99	66.00 1.18 -3.05	51.98 1.04 -2.20	48.05 0.99 -1.92	41.37 0.88 -1.18	43.10 1.33 -1.47	42.12 1.16 -1.13
RUSSELL___4 23556	32.83 0.54 -0.39	27.57 0.28 -0.10	28.36 0.31 -0.15	26.80 0.33 -0.07	37.36 0.65 -0.68	28.60 0.60 -0.24	42.95 0.81 -1.31	40.48 0.80 -1.29	43.03 1.07 -1.53	29.65 0.78 -0.51	42.22 1.22 -1.20	43.39 1.21 -1.14	45.42 1.19 -1.15	45.58 1.11 -1.16	50.21 1.30 -1.33	38.86 0.70 -0.41	44.75 0.75 -0.87	55.35 0.80 -1.99	66.00 1.18 -3.05	51.98 1.04 -2.20	48.05 0.99 -1.92	41.37 0.88 -1.18	43.10 1.33 -1.47	42.12 1.16 -1.13
RUSSELL___STATION 23914	32.83 0.54 -0.39	27.57 0.28 -0.10	28.36 0.31 -0.15	26.80 0.33 -0.07	37.36 0.65 -0.68	28.60 0.60 -0.24	42.95 0.81 -1.31	40.48 0.80 -1.29	43.03 1.07 -1.53	29.65 0.78 -0.51	42.22 1.22 -1.20	43.39 1.21 -1.14	45.42 1.19 -1.15	45.58 1.11 -1.16	50.21 1.30 -1.33	38.86 0.70 -0.41	44.75 0.75 -0.87	55.35 0.80 -1.99	66.00 1.18 -3.05	51.98 1.04 -2.20	48.05 0.99 -1.92	41.37 0.88 -1.18	43.10 1.33 -1.47	42.12 1.16 -1.13
S SALMON___HYD 24043	33.42 0.27 -1.25	27.68 0.18 -0.32	28.55 0.18 -0.47	26.80 0.17 -0.24	38.42 0.24 -2.16	28.73 0.21 -0.76	45.49 0.49 -4.17	42.95 0.45 -4.11	45.71 0.42 -4.88	30.14 0.15 -1.64	43.75 0.13 -3.83	44.77 0.09 -3.64	46.67 -0.08 -3.67	46.67 -0.32 -3.67	51.38 -0.43 -4.22	38.53 -0.52 -1.29	45.03 -0.61 -2.52	57.82 -0.27 -5.53	70.55 0.30 -8.47	55.28 0.42 -6.12	50.74 0.27 -5.33	42.78 0.18 -3.28	44.58 0.19 -4.08	43.17 0.21 -3.13
S.PERRY__115KV_TB1 80734	33.56 1.16 -0.50	28.11 0.79 -0.13	28.92 0.83 -0.19	27.30 0.81 -0.10	38.36 1.47 -0.87	29.35 1.29 -0.31	44.43 1.91 -1.68	41.92 1.88 -1.66	44.54 2.15 -1.97	30.12 1.10 -0.66	42.62 1.28 -1.54	43.80 1.29 -1.47	45.79 1.24 -1.48	46.24 1.43 -1.48	50.96 1.67 -1.70	39.07 0.79 -0.52	44.90 0.76 -1.02	55.87 1.03 -2.28	67.56 2.28 -3.50	53.80 2.54 -2.53	49.75 2.41 -2.20	42.74 2.07 -1.35	44.54 2.55 -1.69	43.43 2.31 -1.30
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.46 0.13 -0.43	27.15 -0.14 -0.11	28.01 -0.05 -0.16	26.50 0.02 -0.08	37.19 0.42 -0.75	28.42 0.40 -0.26	42.38 0.10 -1.44	39.84 0.03 -1.42	42.58 0.47 -1.69	29.40 0.48 -0.57	42.01 0.89 -1.33	43.26 0.96 -1.26	45.15 0.81 -1.27	45.29 0.70 -1.27	49.93 0.88 -1.46	38.18 -0.03 -0.44	43.78 -0.26 -0.91	53.60 -1.01 -2.05	63.94 -0.98 -3.14	50.53 -0.47 -2.27	46.97 -0.14 -1.98	40.72 0.19 -1.21	43.07 1.26 -1.52	42.20 1.21 -1.16

SITHE___BATAVIA 24024	33.44 1.12 -0.41	27.97 0.68 -0.11	28.83 0.77 -0.16	27.25 0.77 -0.08	38.16 1.41 -0.72	29.20 1.20 -0.25	43.70 1.48 -1.39	41.20 1.45 -1.37	43.95 1.90 -1.63	30.27 1.36 -0.55	43.05 1.98 -1.28	44.15 1.90 -1.21	45.87 1.58 -1.23	45.96 1.42 -1.23	50.56 1.56 -1.41	38.87 0.68 -0.43	44.44 0.41 -0.90	54.94 0.34 -2.05	65.95 1.04 -3.13	52.13 1.13 -2.26	48.36 1.25 -1.97	41.80 1.27 -1.21	43.93 2.12 -1.51	43.04 2.05 -1.16
SITHE___INDEPEND 23800	24.78 -0.87 6.25	24.84 -0.76 1.59	24.75 -0.77 2.37	24.49 -0.72 1.18	24.26 -0.96 10.80	23.23 -0.73 3.80	18.87 -1.05 20.91	16.79 -0.97 20.62	14.94 -1.01 24.47	19.45 -0.72 8.20	19.59 -1.02 19.19	21.74 -1.06 18.24	23.51 -1.16 18.41	23.70 -1.20 18.42	25.13 -1.29 21.17	30.23 -1.09 6.44	29.26 -1.19 12.67	23.33 -1.34 27.89	17.55 -1.50 42.72	16.67 -1.18 30.89	17.12 -1.12 26.90	21.79 -1.02 16.51	18.70 -0.99 20.61	23.00 -1.02 15.82
SITHE___MASSENA 23902	32.53 0.63 0.00	27.64 0.45 0.00	28.34 0.44 0.00	26.75 0.36 0.00	36.63 0.60 0.00	28.28 0.52 0.00	41.67 0.84 0.00	39.12 0.73 0.00	41.18 0.76 0.00	28.88 0.52 0.00	40.69 0.89 0.00	42.01 0.97 0.00	44.12 1.04 0.00	44.32 1.00 0.00	48.47 0.88 0.00	38.37 0.61 0.00	43.65 0.52 0.00	52.95 0.39 0.00	62.32 0.54 0.00	49.20 0.47 0.00	45.84 0.70 0.00	40.16 0.84 0.00	41.17 0.87 0.00	40.63 0.81 0.00
SITHE___OGDNSBRG 24021	33.36 1.31 -0.15	28.23 1.01 -0.04	28.96 1.01 -0.06	27.31 0.88 -0.03	37.63 1.34 -0.26	28.99 1.14 -0.09	43.21 1.87 -0.51	40.58 1.70 -0.50	42.67 1.66 -0.59	29.54 0.98 -0.20	41.80 1.54 -0.46	43.20 1.71 -0.44	45.32 1.80 -0.44	45.31 1.55 -0.44	49.41 1.31 -0.51	38.68 0.77 -0.16	44.07 0.64 -0.30	54.13 0.90 -0.67	64.45 1.65 -1.02	50.97 1.50 -0.74	47.47 1.69 -0.64	41.49 1.77 -0.40	42.60 1.81 -0.49	41.88 1.67 -0.38
SITHE___STERLING 23777	33.19 0.87 -0.43	27.97 0.68 -0.11	28.71 0.65 -0.16	27.12 0.64 -0.08	37.67 0.91 -0.74	28.78 0.77 -0.26	43.55 1.29 -1.42	41.00 1.22 -1.40	43.30 1.21 -1.67	29.72 0.80 -0.56	42.18 1.07 -1.31	43.24 0.96 -1.24	45.31 0.99 -1.25	45.41 0.84 -1.25	49.89 0.87 -1.44	38.86 0.66 -0.44	44.82 0.83 -0.85	55.82 1.40 -1.87	66.70 2.06 -2.87	52.49 1.69 -2.07	48.37 1.43 -1.81	41.54 1.12 -1.11	42.75 1.07 -1.38	41.89 1.00 -1.06
SLEIGHT__34_KV_TB1 80719	32.50 0.04 -0.56	27.27 -0.06 -0.14	28.08 -0.03 -0.21	26.50 0.00 -0.11	37.09 0.10 -0.96	28.28 0.19 -0.34	43.02 0.32 -1.87	40.58 0.36 -1.84	43.08 0.48 -2.18	29.39 0.31 -0.73	42.02 0.52 -1.71	43.16 0.49 -1.63	45.03 0.32 -1.64	45.27 0.30 -1.64	49.77 0.29 -1.89	38.33 0.00 -0.57	44.33 0.00 -1.20	55.32 0.08 -2.68	66.34 0.46 -4.10	52.13 0.43 -2.96	48.09 0.37 -2.58	41.15 0.25 -1.58	42.83 0.55 -1.98	41.71 0.36 -1.52
SMITHTWN_69_KV_BK 1 55830	33.10 1.08 -0.11	28.28 1.00 -0.09	28.86 0.80 -0.16	27.19 0.65 -0.15	38.19 0.67 -1.50	28.53 0.59 -0.18	39.48 0.30 1.66	12.08 0.48 26.77	12.20 0.75 28.97	14.42 0.76 14.70	29.05 1.35 12.10	42.60 1.34 -0.22	42.74 1.13 1.45	21.90 1.53 22.95	49.60 1.95 -0.07	42.72 2.02 -2.94	44.74 2.46 0.84	54.35 2.70 0.91	63.67 2.44 0.55	49.96 1.41 0.18	43.88 0.80 2.06	19.86 0.57 20.03	40.73 0.57 0.14	40.67 0.84 0.00
SOUTH CAIRO___GT 23612	32.37 0.49 0.03	27.69 0.52 0.02	28.39 0.53 0.04	26.89 0.53 0.03	36.45 0.76 0.34	28.29 0.58 0.04	41.78 0.97 0.02	39.78 1.43 0.03	41.59 1.20 0.03	27.63 0.31 1.03	39.29 -0.33 0.18	40.79 -0.20 0.05	43.18 0.11 0.00	42.89 -0.38 0.06	47.25 -0.12 0.22	38.15 0.48 0.09	14.54 0.00 28.58	49.28 0.57 3.85	62.93 1.16 0.00	49.77 1.04 0.00	46.05 0.91 0.00	39.96 0.64 0.00	40.80 0.50 0.00	40.48 0.65 0.00
SOUTH HAMPTN___IC 23720	32.63 0.62 -0.11	27.90 0.62 -0.09	28.48 0.42 -0.16	26.85 0.30 -0.15	37.80 0.27 -1.50	28.36 0.42 -0.18	39.43 0.26 1.67	11.95 0.50 26.94	12.36 1.08 29.15	14.56 1.03 14.82	29.04 1.59 12.34	42.87 1.60 -0.22	43.08 1.47 1.47	22.03 1.84 23.14	49.82 2.25 0.02	42.84 2.28 -2.80	44.96 2.79 0.96	54.51 2.99 1.03	63.94 2.72 0.56	50.13 1.58 0.18	43.75 0.68 2.07	19.58 0.42 20.17	40.73 0.58 0.14	40.68 0.85 0.00
SOUTHDOW_115KV_TB1 355954	33.21 0.86 -0.45	27.83 0.53 -0.11	28.69 0.62 -0.17	27.12 0.64 -0.08	38.03 1.22 -0.78	29.18 1.15 -0.27	44.21 1.86 -1.51	41.84 1.96 -1.50	44.60 2.40 -1.78	30.70 1.74 -0.59	43.76 2.57 -1.39	45.00 2.63 -1.32	46.82 2.41 -1.33	46.85 2.19 -1.33	51.70 2.57 -1.54	39.48 1.25 -0.47	45.35 1.28 -0.94	56.01 1.33 -2.12	66.84 1.82 -3.24	52.62 1.55 -2.34	48.56 1.39 -2.04	41.91 1.33 -1.25	44.02 2.16 -1.57	43.01 1.98 -1.20
SOUTHOLD_69_KV_BK 2 55809	32.43 0.41 -0.11	27.73 0.45 -0.09	28.31 0.25 -0.16	26.70 0.16 -0.15	37.69 0.16 -1.50	28.43 0.49 -0.18	39.74 0.57 1.67	12.32 0.87 26.94	13.04 1.77 29.15	15.08 1.54 14.82	29.86 2.40 12.34	43.72 2.45 -0.22	44.00 2.40 1.47	22.99 2.81 23.13	50.97 3.40 0.02	43.72 3.16 -2.80	45.90 3.73 0.96	55.74 4.22 1.03	64.93 3.71 0.56	50.69 2.13 0.18	44.01 0.94 2.07	19.79 0.64 20.17	41.15 0.99 0.14	41.13 1.30 0.00
SOUTHOLD___IC 23719	32.43 0.41 -0.11	27.73 0.45 -0.09	28.32 0.26 -0.16	26.70 0.15 -0.15	37.69 0.16 -1.50	28.43 0.48 -0.18	39.76 0.59 1.67	12.30 0.86 26.94	13.03 1.76 29.15	15.07 1.53 14.82	29.81 2.35 12.34	43.71 2.44 -0.22	44.00 2.39 1.47	22.94 2.75 23.13	50.90 3.34 0.02	43.68 3.12 -2.80	45.88 3.71 0.96	55.52 4.00 1.03	64.83 3.61 0.56	50.68 2.13 0.18	44.01 0.94 2.07	19.78 0.63 20.17	41.15 0.99 0.14	41.13 1.30 0.00
SOUTH_FORK_WT_PWR 323839	31.91 -0.10 -0.11	27.30 0.03 -0.09	27.89 -0.17 -0.16	26.31 -0.24 -0.15	37.21 -0.32 -1.50	28.17 0.22 -0.18	39.52 0.35 1.67	12.08 0.64 26.94	13.00 1.73 29.15	15.08 1.54 14.82	29.84 2.39 12.34	43.79 2.53 -0.22	44.08 2.47 1.47	23.00 2.81 23.14	50.96 3.40 0.02	43.69 3.13 -2.80	45.83 3.66 0.96	55.37 3.85 1.03	64.49 3.27 0.56	50.30 1.75 0.18	43.52 0.45 2.07	19.35 0.20 20.17	40.89 0.73 0.14	40.94 1.11 0.00
SPIERFLS_115KV_TB 1 80737	32.48 0.68 0.09	27.78 0.67 0.08	28.50 0.73 0.13	26.98 0.71 0.12	35.75 0.95 1.23	28.28 0.67 0.15	41.86 1.12 0.09	39.22 0.96 0.12	41.06 0.76 0.13	24.81 0.34 3.89	39.49 0.37 0.68	41.35 0.49 0.18	43.72 0.64 0.00	43.68 0.57 0.21	47.49 0.74 0.84	37.98 0.55 0.33	44.20 1.07 0.00	53.97 1.42 0.00	63.59 1.81 0.00	50.21 1.48 0.00	46.38 1.24 0.00	40.31 0.99 0.00	41.16 0.87 0.00	40.72 0.89 0.00
ST LAWRENCE____ 23600	32.14 0.25 0.00	27.32 0.13 0.00	28.03 0.13 0.00	26.48 0.08 0.00	36.20 0.18 0.00	27.93 0.18 0.00	41.13 0.29 0.00	38.62 0.24 0.00	40.70 0.28 0.00	28.56 0.21 0.00	40.19 0.39 0.00	41.51 0.47 0.00	43.55 0.48 0.00	43.77 0.45 0.00	47.95 0.36 0.00	38.02 0.26 0.00	43.29 0.16 0.00	52.49 -0.07 0.00	61.74 -0.03 0.00	48.78 0.04 0.00	45.39 0.26 0.00	39.70 0.38 0.00	40.66 0.36 0.00	40.12 0.30 0.00

ST_LAW_115_BK7_LBMP 345037	32.16 0.26 0.00	27.32 0.14 0.00	28.03 0.14 0.00	26.48 0.08 0.00	36.21 0.18 0.00	27.94 0.19 0.00	41.14 0.30 0.00	38.64 0.26 0.00	40.71 0.28 0.00	28.57 0.22 0.00	40.22 0.42 0.00	41.53 0.49 0.00	43.58 0.51 0.00	43.80 0.48 0.00	47.97 0.38 0.00	38.02 0.26 0.00	43.29 0.16 0.00	52.47 -0.08 0.00	61.74 -0.04 0.00	48.76 0.03 0.00	45.40 0.26 0.00	39.73 0.41 0.00	40.68 0.38 0.00	40.13 0.31 0.00
ST_LAW_115_BK8_LBMP 345038	32.16 0.26 0.00	27.32 0.14 0.00	28.03 0.14 0.00	26.48 0.08 0.00	36.21 0.18 0.00	27.94 0.19 0.00	41.14 0.30 0.00	38.64 0.26 0.00	40.71 0.28 0.00	28.57 0.22 0.00	40.22 0.42 0.00	41.53 0.49 0.00	43.58 0.51 0.00	43.80 0.48 0.00	47.97 0.38 0.00	38.02 0.26 0.00	43.29 0.16 0.00	52.47 -0.08 0.00	61.74 -0.04 0.00	48.76 0.03 0.00	45.40 0.26 0.00	39.73 0.41 0.00	40.68 0.38 0.00	40.13 0.31 0.00
ST_LAW_230_BK5_LBMP 345035	32.14 0.25 0.00	27.32 0.13 0.00	28.03 0.13 0.00	26.48 0.08 0.00	36.20 0.18 0.00	27.93 0.18 0.00	41.13 0.29 0.00	38.62 0.24 0.00	40.70 0.28 0.00	28.56 0.21 0.00	40.19 0.39 0.00	41.51 0.47 0.00	43.55 0.48 0.00	43.77 0.45 0.00	47.95 0.36 0.00	38.02 0.26 0.00	43.29 0.16 0.00	52.49 -0.07 0.00	61.74 -0.03 0.00	48.78 0.04 0.00	45.39 0.26 0.00	39.70 0.38 0.00	40.66 0.36 0.00	40.12 0.30 0.00
ST_LAW_230_BK6_LBMP 345036	32.14 0.25 0.00	27.32 0.13 0.00	28.03 0.13 0.00	26.48 0.08 0.00	36.20 0.18 0.00	27.93 0.18 0.00	41.13 0.29 0.00	38.62 0.24 0.00	40.70 0.28 0.00	28.56 0.21 0.00	40.19 0.39 0.00	41.51 0.47 0.00	43.55 0.48 0.00	43.77 0.45 0.00	47.95 0.36 0.00	38.02 0.26 0.00	43.29 0.16 0.00	52.49 -0.07 0.00	61.74 -0.03 0.00	48.78 0.04 0.00	45.39 0.26 0.00	39.70 0.38 0.00	40.66 0.36 0.00	40.12 0.30 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.82 0.82 -0.10	28.02 0.75 -0.08	28.71 0.67 -0.14	27.10 0.57 -0.13	38.03 0.65 -1.36	28.47 0.54 -0.17	41.66 0.72 -0.10	39.23 0.72 -0.13	41.32 0.76 -0.14	33.34 0.67 -4.32	41.50 0.95 -0.75	42.24 0.99 -0.20	44.25 1.17 0.00	44.94 1.39 -0.23	50.21 1.69 -0.93	39.76 1.62 -0.37	45.04 1.91 0.00	54.95 2.39 0.00	64.36 2.58 0.00	50.45 1.72 0.00	46.31 1.18 0.00	40.17 0.85 0.00	41.08 0.78 0.00	40.74 0.91 0.00
SWANROAD_115KV_TB1 355699	32.18 -0.15 -0.43	26.86 -0.43 -0.11	27.73 -0.33 -0.16	26.23 -0.24 -0.08	36.88 0.11 -0.74	28.14 0.12 -0.26	41.78 -0.49 -1.43	39.17 -0.61 -1.41	41.91 -0.19 -1.68	29.01 0.09 -0.56	41.37 0.26 -1.31	42.63 0.34 -1.25	44.49 0.16 -1.26	44.60 0.02 -1.26	49.04 0.01 -1.45	37.51 -0.70 -0.44	42.87 -1.16 -0.91	52.43 -2.18 -2.05	62.60 -2.31 -3.14	49.53 -1.47 -2.27	46.16 -0.96 -1.98	40.09 -0.45 -1.21	42.50 0.69 -1.51	41.82 0.84 -1.16
SYNERGY___BIOGAS 323694	33.44 1.13 -0.41	27.97 0.68 -0.11	28.83 0.78 -0.16	27.25 0.77 -0.08	38.16 1.42 -0.72	29.20 1.20 -0.25	43.71 1.48 -1.39	41.19 1.44 -1.37	43.94 1.89 -1.63	30.26 1.36 -0.55	43.06 1.98 -1.28	44.15 1.90 -1.21	45.87 1.57 -1.23	45.97 1.42 -1.23	50.56 1.56 -1.41	38.87 0.68 -0.43	44.43 0.40 -0.90	54.87 0.27 -2.05	65.90 1.00 -3.13	52.13 1.14 -2.26	48.36 1.25 -1.97	41.80 1.27 -1.21	43.93 2.13 -1.51	43.03 2.05 -1.16
SYRACUSE___ENERGY_ST1 323597	32.98 -0.07 -1.15	27.38 -0.10 -0.29	28.23 -0.10 -0.44	26.54 -0.07 -0.22	37.93 -0.08 -1.98	28.44 -0.01 -0.69	44.70 0.03 -3.83	42.20 0.04 -3.78	44.99 0.08 -4.49	29.90 0.04 -1.50	43.35 0.03 -3.52	44.40 0.01 -3.35	46.39 -0.06 -3.38	46.58 -0.12 -3.38	51.37 -0.10 -3.88	38.75 -0.19 -1.18	45.31 -0.10 -2.29	57.69 0.15 -4.98	69.74 0.33 -7.63	54.52 0.26 -5.52	50.12 0.17 -4.81	42.32 0.05 -2.95	44.08 0.10 -3.68	42.67 0.02 -2.83
SYRACUSE___ENERGY_ST2 323598	32.98 -0.07 -1.15	27.38 -0.10 -0.29	28.23 -0.10 -0.44	26.54 -0.07 -0.22	37.93 -0.08 -1.98	28.44 -0.01 -0.69	44.70 0.03 -3.83	42.20 0.04 -3.78	44.99 0.08 -4.49	29.90 0.04 -1.50	43.35 0.03 -3.52	44.40 0.01 -3.35	46.39 -0.06 -3.38	46.58 -0.12 -3.38	51.37 -0.10 -3.88	38.75 -0.19 -1.18	45.31 -0.10 -2.29	57.69 0.15 -4.98	69.74 0.33 -7.63	54.52 0.26 -5.52	50.12 0.17 -4.81	42.32 0.05 -2.95	44.08 0.10 -3.68	42.67 0.02 -2.83
SYRACUSE___POWER 24017	32.78 0.01 -0.87	27.35 -0.05 -0.22	28.18 -0.05 -0.33	26.53 -0.04 -0.16	37.52 -0.02 -1.51	28.33 0.04 -0.53	43.86 0.11 -2.92	41.38 0.12 -2.88	44.00 0.16 -3.42	29.61 0.11 -1.15	42.61 0.13 -2.68	43.69 0.10 -2.55	45.67 0.03 -2.57	45.84 -0.06 -2.57	50.50 -0.04 -2.96	38.55 -0.11 -0.90	44.88 0.00 -1.75	56.64 0.25 -3.83	68.13 0.49 -5.86	53.35 0.37 -4.24	49.09 0.26 -3.69	41.72 0.13 -2.27	43.29 0.16 -2.83	42.08 0.09 -2.17
TALLMAN_138KV_BK151 55660	33.01 1.00 -0.11	28.17 0.90 -0.09	28.84 0.79 -0.15	27.20 0.67 -0.14	38.23 0.78 -1.42	28.60 0.67 -0.17	41.84 0.90 -0.11	39.40 0.89 -0.13	41.51 0.94 -0.15	33.70 0.84 -4.50	41.82 1.24 -0.79	42.53 1.28 -0.21	44.56 1.49 0.00	45.30 1.74 -0.24	50.66 2.10 -0.97	40.10 1.96 -0.38	45.42 2.29 0.00	55.38 2.82 0.00	64.83 3.05 0.00	50.76 2.03 0.00	46.52 1.38 0.00	40.35 1.03 0.00	41.23 0.93 0.00	40.91 1.08 0.00
TEALLAVE_115KV_TB7 355573	32.47 -0.21 -0.78	27.16 -0.23 -0.20	27.96 -0.23 -0.30	26.34 -0.20 -0.15	37.15 -0.24 -1.36	28.09 -0.14 -0.48	43.28 -0.18 -2.63	40.84 -0.13 -2.59	43.39 -0.10 -3.07	29.32 -0.07 -1.03	42.10 -0.10 -2.41	43.19 -0.14 -2.29	45.20 -0.19 -2.31	45.37 -0.27 -2.31	50.00 -0.24 -2.66	38.29 -0.28 -0.81	44.48 -0.23 -1.58	55.95 -0.07 -3.46	67.08 0.01 -5.29	52.55 -0.01 -3.83	48.37 -0.10 -3.33	41.21 -0.16 -2.05	42.73 -0.12 -2.55	41.61 -0.18 -1.96
TELGRAPH_34_KV_EAST 80808	32.84 0.52 -0.42	27.44 0.14 -0.11	28.31 0.25 -0.16	26.77 0.30 -0.08	37.53 0.78 -0.73	28.69 0.68 -0.25	42.81 0.57 -1.41	40.25 0.49 -1.39	42.99 0.93 -1.64	29.61 0.70 -0.55	42.23 1.14 -1.29	43.43 1.16 -1.22	45.30 0.99 -1.24	45.32 0.75 -1.24	49.86 0.84 -1.43	38.23 0.04 -0.44	43.74 -0.29 -0.90	53.73 -0.87 -2.05	64.32 -0.59 -3.14	50.88 -0.12 -2.27	47.30 0.19 -1.98	40.98 0.44 -1.21	43.27 1.46 -1.51	42.45 1.46 -1.16
TEMPLE___115KV_TB 2 55572	32.49 -0.19 -0.79	27.17 -0.22 -0.20	27.98 -0.22 -0.30	26.36 -0.19 -0.15	37.16 -0.23 -1.36	28.10 -0.13 -0.48	43.32 -0.15 -2.63	40.86 -0.11 -2.60	43.43 -0.08 -3.08	29.34 -0.05 -1.03	42.14 -0.07 -2.42	43.24 -0.10 -2.30	45.22 -0.17 -2.32	45.41 -0.23 -2.32	50.05 -0.20 -2.66	38.32 -0.25 -0.81	44.53 -0.19 -1.58	56.00 -0.02 -3.47	67.14 0.05 -5.31	52.58 0.01 -3.84	48.41 -0.07 -3.34	41.24 -0.14 -2.05	42.76 -0.10 -2.56	41.63 -0.16 -1.97
TIANA___69_KV_BK 1 55817	32.71 0.70 -0.11	27.96 0.69 -0.09	28.54 0.48 -0.16	26.91 0.36 -0.15	37.85 0.32 -1.50	28.36 0.42 -0.18	39.36 0.19 1.67	11.91 0.47 26.94	12.23 0.96 29.15	14.46 0.93 14.82	28.94 1.48 12.34	42.71 1.44 -0.22	42.89 1.28 1.47	21.89 1.70 23.14	49.68 2.11 0.02	42.72 2.15 -2.80	44.81 2.64 0.96	54.57 3.04 1.03	63.89 2.67 0.56	50.08 1.52 0.18	43.75 0.68 2.07	19.60 0.44 20.17	40.67 0.51 0.14	40.62 0.79 0.00

TILDEN___115KV_TB1 80814	32.78 0.01 -0.87	27.35 -0.05 -0.22	28.18 -0.05 -0.33	26.53 -0.04 -0.16	37.52 -0.02 -1.51	28.33 0.04 -0.53	43.86 0.11 -2.92	41.38 0.12 -2.88	44.00 0.16 -3.42	29.61 0.11 -1.15	42.61 0.13 -2.68	43.69 0.10 -2.55	45.67 0.03 -2.57	45.84 -0.06 -2.57	50.50 -0.04 -2.96	38.55 -0.11 -0.90	44.88 0.00 -1.75	56.64 0.25 -3.83	68.13 0.49 -5.86	53.35 0.37 -4.24	49.09 0.26 -3.69	41.72 0.13 -2.27	43.29 0.16 -2.83	42.08 0.09 -2.17
TRIGEN___CC 323695	33.16 1.14 -0.11	28.31 1.03 -0.09	28.96 0.90 -0.16	27.30 0.76 -0.15	38.41 0.88 -1.50	28.64 0.70 -0.18	41.26 0.64 0.22	32.72 0.69 6.36	33.98 0.95 7.39	29.49 0.88 -0.25	54.29 1.40 -13.09	42.68 1.41 -0.22	44.30 1.38 0.16	45.19 1.77 -0.10	61.54 2.22 -11.74	61.89 2.15 -21.98	58.80 2.47 -13.20	70.13 2.94 -14.64	64.64 2.87 0.00	50.59 1.86 0.00	45.97 1.18 0.34	37.00 0.86 3.18	41.03 0.77 0.03	40.84 1.01 0.00
TRINITY__115KV__4 BK 55933	31.55 -0.28 0.08	27.01 -0.11 0.06	27.66 -0.13 0.11	26.19 -0.10 0.10	34.78 -0.23 1.01	27.49 -0.14 0.12	40.43 -0.33 0.08	37.99 -0.29 0.10	39.93 -0.38 0.10	24.78 -0.36 3.22	38.56 -0.67 0.56	40.22 -0.67 0.15	42.48 -0.59 0.00	42.57 -0.57 0.17	46.35 -0.55 0.70	37.23 -0.25 0.28	42.79 -0.34 0.00	52.14 -0.42 0.00	61.21 -0.56 0.00	48.28 -0.46 0.00	44.63 -0.51 0.00	38.79 -0.53 0.00	39.66 -0.63 0.00	39.37 -0.46 0.00
UNION___PROCESSING_DRP 323587	32.64 0.34 -0.40	27.42 0.13 -0.10	28.21 0.16 -0.15	26.66 0.18 -0.08	37.17 0.46 -0.69	28.44 0.44 -0.24	42.72 0.55 -1.33	40.25 0.55 -1.32	42.80 0.81 -1.56	29.47 0.59 -0.52	41.96 0.94 -1.23	43.13 0.93 -1.17	45.11 0.86 -1.17	45.29 0.79 -1.18	49.89 0.95 -1.35	38.59 0.42 -0.41	44.42 0.40 -0.89	54.93 0.34 -2.03	65.56 0.66 -3.12	51.64 0.65 -2.25	47.73 0.63 -1.96	41.11 0.59 -1.20	42.86 1.06 -1.50	41.90 0.92 -1.15
UPPER HUDSON___HYD 24058	32.48 0.68 0.09	27.78 0.67 0.08	28.50 0.73 0.13	26.98 0.71 0.12	35.75 0.95 1.23	28.28 0.67 0.15	41.87 1.12 0.09	39.22 0.96 0.12	41.06 0.76 0.13	24.81 0.35 3.89	39.49 0.37 0.68	41.35 0.49 0.18	43.72 0.64 0.00	43.68 0.57 0.21	47.49 0.74 0.84	37.98 0.55 0.33	44.20 1.07 0.00	53.97 1.41 0.00	63.59 1.81 0.00	50.21 1.48 0.00	46.38 1.24 0.00	40.31 0.99 0.00	41.16 0.87 0.00	40.72 0.89 0.00
UPPER RAQUET___HYD 24056	33.06 0.97 -0.19	27.96 0.73 -0.05	28.68 0.71 -0.07	27.03 0.60 -0.04	37.28 0.92 -0.33	28.67 0.80 -0.12	42.81 1.34 -0.64	40.20 1.20 -0.63	42.35 1.18 -0.75	29.35 0.75 -0.25	41.57 1.19 -0.58	42.86 1.26 -0.56	44.98 1.35 -0.56	45.04 1.15 -0.56	49.17 0.93 -0.65	38.52 0.57 -0.20	43.78 0.27 -0.38	53.53 0.13 -0.84	63.53 0.46 -1.29	50.21 0.54 -0.94	46.80 0.85 -0.82	40.94 1.12 -0.50	42.17 1.25 -0.62	41.49 1.18 -0.48
VALLEY44_115KV_TB2 355964	32.34 -0.01 -0.46	27.20 -0.10 -0.12	28.04 -0.03 -0.17	26.52 0.04 -0.09	37.25 0.43 -0.79	28.49 0.45 -0.28	42.80 0.44 -1.53	40.29 0.40 -1.51	42.92 0.70 -1.79	29.47 0.51 -0.60	42.07 0.87 -1.41	43.14 0.76 -1.34	44.79 0.37 -1.35	44.95 0.28 -1.35	49.76 0.63 -1.55	38.06 -0.17 -0.47	43.79 -0.29 -0.95	54.14 -0.55 -2.13	64.68 -0.37 -3.27	50.97 -0.12 -2.36	47.05 -0.15 -2.06	40.56 -0.03 -1.26	42.65 0.78 -1.58	41.66 0.63 -1.21
VALLEY___115KV_TB 1-4 80826	32.09 0.19 0.00	27.48 0.29 0.00	28.09 0.19 0.00	26.65 0.25 0.00	36.32 0.29 0.00	27.97 0.22 0.00	41.11 0.27 0.00	38.80 0.42 0.00	40.38 -0.05 0.00	27.97 -0.39 0.00	39.23 -0.56 0.00	40.15 -0.90 0.00	42.21 -0.86 0.00	42.62 -0.70 0.00	46.66 -0.93 0.00	37.03 -0.74 0.00	42.48 -0.65 0.00	53.01 0.45 0.00	62.37 0.60 0.00	49.27 0.53 0.00	45.50 0.37 0.00	39.58 0.26 0.00	40.40 0.11 0.00	39.96 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.14 0.94 -0.30	28.09 0.83 -0.08	28.87 0.86 -0.11	27.30 0.85 -0.06	37.65 1.10 -0.52	28.73 0.79 -0.18	43.03 1.19 -1.01	40.53 1.16 -0.99	42.82 1.22 -1.18	29.68 0.92 -0.39	42.00 1.28 -0.92	43.20 1.27 -0.88	45.26 1.31 -0.88	45.59 1.38 -0.89	50.24 1.63 -1.02	39.35 1.28 -0.31	45.37 1.64 -0.60	56.17 2.30 -1.32	66.29 2.49 -2.02	52.02 1.83 -1.46	48.03 1.63 -1.27	41.41 1.30 -0.78	42.56 1.29 -0.97	41.82 1.24 -0.75
VISCHER___FERRY HYD 24020	32.07 0.30 0.13	27.45 0.37 0.11	28.08 0.36 0.18	26.58 0.36 0.17	34.75 0.43 1.70	27.89 0.34 0.21	41.18 0.48 0.13	38.60 0.38 0.16	40.53 0.28 0.18	23.09 0.13 5.40	38.87 0.02 0.94	40.86 0.06 0.25	43.25 0.18 0.00	43.22 0.19 0.29	46.69 0.51 1.17	37.62 0.27 1.17	43.54 0.33 0.46	53.05 0.41 0.00	62.41 0.50 0.00	49.20 0.63 0.00	45.53 0.47 0.00	39.62 0.40 0.00	40.54 0.30 0.00	40.17 0.34 0.00
V_A_10_SYNC_DSASP 323832	32.30 0.00 -0.40	27.09 -0.20 -0.10	27.94 -0.11 -0.15	26.42 -0.05 -0.08	37.02 0.29 -0.70	28.30 0.29 -0.24	42.21 0.02 -1.35	39.66 -0.05 -1.34	42.32 0.31 -1.58	29.23 0.33 -0.53	41.71 0.67 -1.24	42.92 0.69 -1.18	44.78 0.51 -1.19	44.93 0.42 -1.19	49.55 0.60 -1.37	38.01 -0.17 -0.42	43.59 -0.41 -0.87	53.39 -1.12 -1.96	63.68 -1.09 -3.00	50.28 -0.61 -2.17	46.69 -0.33 -1.89	40.45 -0.03 -1.16	42.67 0.93 -1.45	41.81 0.87 -1.11
V_CMM_10_SYNC_DSASP 323787	32.33 0.43 0.00	27.47 0.28 0.00	28.18 0.28 0.00	26.61 0.22 0.00	36.41 0.38 0.00	28.10 0.35 0.00	41.38 0.54 0.00	38.86 0.48 0.00	40.94 0.52 0.00	28.74 0.38 0.00	40.45 0.66 0.00	41.78 0.73 0.00	43.81 0.74 0.00	44.05 0.73 0.00	48.23 0.64 0.00	38.23 0.46 0.00	43.53 0.40 0.00	52.77 0.21 0.00	62.07 0.29 0.00	49.03 0.30 0.00	45.64 0.50 0.00	39.95 0.63 0.00	40.91 0.61 0.00	40.36 0.53 0.00
V_CMP_10_SYNC_DSASP 323788	32.77 0.87 0.00	27.84 0.65 0.00	28.54 0.64 0.00	26.85 0.46 0.00	36.58 0.55 0.00	28.26 0.50 0.00	41.66 0.82 0.00	38.82 0.44 0.00	40.74 0.32 0.00	28.77 0.41 0.00	40.50 0.70 0.00	41.59 0.54 0.00	43.85 0.78 0.00	43.83 0.51 0.00	47.31 -0.28 0.00	37.75 -0.01 0.00	42.76 -0.36 0.00	51.99 -0.57 0.00	61.57 -0.21 0.00	48.93 0.20 0.00	45.98 0.85 0.00	40.26 0.94 0.00	41.74 1.45 0.00	41.20 1.37 0.00
V_D_10_SYNC_DSASP 323841	32.53 0.63 0.00	27.64 0.45 0.00	28.34 0.44 0.00	26.76 0.36 0.00	36.63 0.60 0.00	28.28 0.52 0.00	41.67 0.84 0.00	39.12 0.73 0.00	41.18 0.76 0.00	28.88 0.52 0.00	40.69 0.89 0.00	42.01 0.97 0.00	44.12 1.04 0.00	44.32 1.00 0.00	48.47 0.88 0.00	38.38 0.62 0.00	43.66 0.53 0.00	52.96 0.41 0.00	62.33 0.55 0.00	49.21 0.48 0.00	45.84 0.71 0.00	40.16 0.84 0.00	41.17 0.88 0.00	40.63 0.81 0.00
V_E_10_SYNC_DSASP 323830	34.41 1.93 -0.58	28.89 1.56 -0.15	29.70 1.58 -0.22	27.97 1.47 -0.11	38.86 1.83 -1.01	29.83 1.72 -0.35	45.76 2.97 -1.95	43.18 2.88 -1.93	45.51 2.81 -2.29	30.90 1.78 -0.77	43.75 2.16 -1.79	44.85 2.10 -1.70	46.46 1.66 -1.72	46.94 1.90 -1.72	51.65 2.09 -1.98	39.63 1.27 -0.60	46.21 1.93 -1.15	58.36 3.26 -2.54	70.26 4.59 -3.89	55.25 3.70 -2.82	51.08 3.49 -2.45	43.63 2.80 -1.51	44.88 2.70 -1.88	43.80 2.53 -1.44

V_F_30_NSYNC___DSASP 323816	32.62 0.82 0.10	27.88 0.78 0.08	28.56 0.80 0.14	27.04 0.78 0.13	35.75 1.03 1.31	28.38 0.78 0.16	41.97 1.24 0.10	39.34 1.08 0.12	41.26 0.97 0.13	24.78 0.56 4.14	39.73 0.66 0.72	41.60 0.74 0.19	43.95 0.88 0.00	43.95 0.86 0.22	47.74 1.05 0.90	38.25 0.84 0.35	44.31 1.18 0.00	54.16 1.60 0.00	63.75 1.97 0.00	50.27 1.54 0.00	46.47 1.33 0.00	40.38 1.06 0.00	41.29 0.99 0.00	40.85 1.02 0.00
V_F_30_SYNC_DSASP 323786	31.70 -0.12 0.08	27.13 0.01 0.06	27.79 0.00 0.11	26.31 0.02 0.10	34.92 -0.06 1.05	27.61 -0.02 0.13	40.64 -0.12 0.08	38.20 -0.09 0.10	40.14 -0.17 0.11	24.82 -0.21 3.33	38.77 -0.45 0.58	40.47 -0.42 0.15	42.75 -0.33 0.00	42.82 -0.32 0.18	46.63 -0.24 0.72	37.44 -0.03 0.28	43.08 -0.05 0.00	52.53 -0.03 0.00	61.65 -0.13 0.00	48.60 -0.13 0.00	44.92 -0.22 0.00	39.01 -0.31 0.00	39.89 -0.41 0.00	39.57 -0.26 0.00
V_XM_10_SYNC_DSASP 323789	32.77 0.87 0.00	27.84 0.65 0.00	28.54 0.64 0.00	26.85 0.46 0.00	36.58 0.55 0.00	28.26 0.50 0.00	41.66 0.82 0.00	38.82 0.44 0.00	40.74 0.32 0.00	28.77 0.41 0.00	40.50 0.70 0.00	41.59 0.54 0.00	43.85 0.78 0.00	43.83 0.51 0.00	47.31 -0.28 0.00	37.75 -0.01 0.00	42.76 -0.36 0.00	51.99 -0.57 0.00	61.57 -0.21 0.00	48.93 0.20 0.00	45.98 0.85 0.00	40.26 0.94 0.00	41.74 1.45 0.00	41.20 1.37 0.00
W.BABYLN_69_KV_BK1 56697	33.45 1.44 -0.11	28.54 1.27 -0.09	29.17 1.11 -0.16	27.48 0.94 -0.15	38.61 1.08 -1.50	28.83 0.88 -0.18	40.13 0.80 1.50	14.77 0.92 24.53	15.09 1.24 26.57	16.38 1.10 13.07	33.75 1.76 7.80	42.99 1.73 -0.22	43.35 1.54 1.26	25.72 1.94 19.53	51.98 2.50 -1.89	46.15 2.42 -5.96	47.44 2.89 -1.41	57.52 3.40 -1.56	64.58 3.27 0.46	50.70 2.12 0.15	44.73 1.39 1.80	22.77 1.07 17.61	41.28 1.11 0.12	41.15 1.32 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.18 1.17 -0.11	28.30 1.03 -0.09	28.98 0.93 -0.15	27.34 0.80 -0.14	38.43 0.97 -1.44	28.75 0.81 -0.18	42.06 1.11 -0.11	39.62 1.11 -0.14	41.76 1.19 -0.15	33.93 1.01 -4.56	42.07 1.48 -0.80	42.78 1.53 -0.21	44.82 1.75 0.00	45.56 1.99 -0.25	50.97 2.40 -0.99	40.35 2.20 -0.39	45.70 2.57 0.00	55.73 3.17 0.00	65.22 3.45 0.00	51.06 2.33 0.00	46.81 1.67 0.00	40.59 1.27 0.00	41.47 1.17 0.00	41.12 1.30 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.42 1.41 -0.11	28.51 1.23 -0.09	29.19 1.13 -0.16	27.53 0.98 -0.15	38.71 1.18 -1.50	28.94 0.99 -0.18	42.34 1.39 -0.12	39.91 1.39 -0.14	42.12 1.55 -0.16	34.46 1.33 -4.77	42.52 1.89 -0.83	43.16 1.89 -0.22	45.20 2.13 0.00	45.96 2.38 -0.26	51.41 2.79 -1.03	40.76 2.59 -0.41	46.14 3.01 0.00	56.10 3.54 0.00	65.54 3.76 0.00	51.30 2.57 0.00	47.02 1.88 0.00	40.86 1.54 0.00	41.76 1.46 0.00	41.42 1.59 0.00
W50THST__13_KV_LOAD 356117	33.59 1.58 -0.11	28.66 1.39 -0.09	29.34 1.28 -0.16	27.67 1.13 -0.15	38.91 1.37 -1.50	29.10 1.16 -0.18	42.60 1.65 -0.12	40.19 1.66 -0.14	42.42 1.84 -0.16	34.69 1.56 -4.77	42.86 2.23 -0.83	43.52 2.26 -0.22	45.62 2.55 0.00	46.39 2.82 -0.26	51.88 3.26 -1.03	41.14 2.97 -0.41	46.57 3.44 0.00	56.57 4.01 0.00	66.05 4.28 0.00	51.66 2.93 0.00	47.34 2.21 0.00	41.14 1.82 0.00	42.04 1.74 0.00	41.69 1.86 0.00
WADING RIVER_IC_1 23522	32.54 0.53 -0.11	27.83 0.55 -0.09	28.41 0.35 -0.16	26.77 0.23 -0.15	37.63 0.10 -1.50	28.13 0.19 -0.18	38.93 -0.23 1.67	11.44 0.01 26.95	11.62 0.36 29.16	14.00 0.48 14.83	28.27 0.83 12.35	42.06 0.79 -0.22	42.22 0.61 1.47	21.13 0.95 23.14	48.82 1.25 0.02	42.05 1.49 -2.79	44.06 1.89 0.97	53.48 1.96 1.04	62.92 1.70 0.56	49.43 0.88 0.18	43.25 0.19 2.07	19.17 0.03 20.17	40.21 0.05 0.14	40.17 0.34 0.00
WADING RIVER_IC_2 23547	32.54 0.53 -0.11	27.83 0.55 -0.09	28.41 0.35 -0.16	26.77 0.23 -0.15	37.63 0.10 -1.50	28.13 0.19 -0.18	38.93 -0.23 1.67	11.44 0.01 26.95	11.62 0.36 29.16	14.00 0.48 14.83	28.27 0.83 12.35	42.06 0.79 -0.22	42.22 0.61 1.47	21.13 0.95 23.14	48.82 1.25 0.02	42.05 1.49 -2.79	44.06 1.89 0.97	53.48 1.96 1.04	62.92 1.70 0.56	49.43 0.88 0.18	43.25 0.19 2.07	19.17 0.03 20.17	40.21 0.05 0.14	40.17 0.34 0.00
WADING RIVER_IC_3 23601	32.54 0.53 -0.11	27.83 0.55 -0.09	28.41 0.35 -0.16	26.77 0.23 -0.15	37.63 0.10 -1.50	28.13 0.19 -0.18	38.93 -0.23 1.67	11.44 0.01 26.95	11.62 0.36 29.16	14.00 0.48 14.83	28.27 0.83 12.35	42.06 0.79 -0.22	42.22 0.61 1.47	21.13 0.95 23.14	48.82 1.25 0.02	42.05 1.49 -2.79	44.06 1.89 0.97	53.48 1.96 1.04	62.92 1.70 0.56	49.43 0.88 0.18	43.25 0.19 2.07	19.17 0.03 20.17	40.21 0.05 0.14	40.17 0.34 0.00
WALDENNY_12_KV_BK2 80841	32.70 0.36 -0.44	27.34 0.05 -0.11	28.20 0.14 -0.17	26.69 0.21 -0.08	37.47 0.69 -0.76	28.63 0.60 -0.27	42.74 0.43 -1.48	40.20 0.36 -1.46	42.96 0.82 -1.73	29.67 0.74 -0.58	42.37 1.22 -1.36	43.63 1.30 -1.29	45.56 1.19 -1.30	45.72 1.10 -1.30	50.40 1.31 -1.49	38.55 0.33 -0.45	44.20 0.14 -0.93	54.24 -0.40 -2.09	64.74 -0.23 -3.19	51.14 0.10 -2.31	47.50 0.35 -2.01	41.11 0.56 -1.23	43.41 1.57 -1.54	42.50 1.49 -1.18
WALDEN__HYDRO 24148	32.96 0.96 -0.10	28.13 0.86 -0.08	28.82 0.78 -0.14	27.20 0.68 -0.13	38.16 0.79 -1.35	28.57 0.65 -0.16	41.83 0.90 -0.10	39.38 0.88 -0.13	41.48 0.92 -0.14	33.40 0.77 -4.28	41.62 1.07 -0.74	42.34 1.10 -0.20	44.35 1.28 0.00	45.05 1.50 -0.23	50.34 1.82 -0.92	39.86 1.74 -0.36	45.24 2.11 0.00	55.18 2.63 0.00	64.66 2.89 0.00	50.70 1.97 0.00	46.56 1.43 0.00	40.39 1.07 0.00	41.29 1.00 0.00	40.92 1.09 0.00
WARRENSBURG____ 23737	32.48 0.68 0.09	27.78 0.67 0.08	28.50 0.73 0.13	26.98 0.71 0.12	35.75 0.95 1.23	28.28 0.67 0.15	41.86 1.12 0.09	39.22 0.96 0.12	41.06 0.76 0.13	24.81 0.34 3.89	39.49 0.37 0.68	41.35 0.49 0.18	43.72 0.64 0.00	43.68 0.57 0.21	47.49 0.74 0.84	37.98 0.55 0.33	44.20 1.07 0.00	53.97 1.42 0.00	63.59 1.81 0.00	50.21 1.48 0.00	46.38 1.24 0.00	40.31 0.99 0.00	41.16 0.87 0.00	40.72 0.89 0.00
WATERSIDE____6 8 9 23538	33.26 1.25 -0.11	28.42 1.14 -0.09	29.09 1.04 -0.16	27.42 0.87 -0.15	38.54 1.00 -1.50	28.81 0.87 -0.18	42.13 1.18 -0.12	39.71 1.19 -0.14	41.87 1.29 -0.16	34.30 1.17 -4.77	42.28 1.65 -0.83	42.84 1.57 -0.22	44.80 1.73 0.00	45.57 1.99 -0.26	50.96 2.34 -1.03	40.47 2.30 -0.41	45.81 2.68 0.00	55.63 3.07 0.00	64.96 3.18 0.00	50.87 2.14 0.00	46.63 1.50 0.00	40.55 1.22 0.00	41.44 1.14 0.00	41.15 1.32 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.99 0.09 0.00	27.28 0.09 0.00	27.98 0.08 0.00	26.49 0.09 0.00	36.13 0.11 0.00	27.83 0.07 0.00	40.96 0.12 0.00	38.49 0.12 0.00	40.52 0.09 0.00	28.42 0.06 0.00	39.84 0.04 0.00	41.07 0.02 0.00	43.12 0.05 0.00	43.38 0.06 0.00	47.68 0.10 0.00	37.84 0.08 0.00	43.29 0.16 0.00	52.82 0.26 0.00	62.08 0.31 0.00	48.95 0.22 0.00	45.29 0.15 0.00	39.40 0.09 0.00	40.37 0.07 0.00	39.91 0.09 0.00

WDELAWARE___HYD 323627	32.17 0.18 -0.09	26.68 -0.58 -0.07	27.54 -0.48 -0.12	26.04 -0.47 -0.12	36.38 -0.81 -1.17	27.34 -0.56 -0.14	40.22 -0.70 -0.09	37.91 -0.58 -0.11	39.80 -0.75 -0.12	31.57 -0.50 -3.71	39.71 -0.73 -0.65	40.18 -1.04 -0.17	42.35 -0.72 0.00	43.28 -0.24 -0.20	49.04 0.66 -0.79	38.80 0.74 -0.31	41.86 1.01 2.28	53.69 1.44 0.31	63.36 1.59 0.00	49.75 1.02 0.00	45.67 0.53 0.00	39.60 0.28 0.00	40.48 0.18 0.00	40.05 0.22 0.00
WEST BABYLON___IC 23714	33.45 1.44 -0.11	28.54 1.27 -0.09	29.17 1.11 -0.16	27.48 0.94 -0.15	38.61 1.08 -1.50	28.83 0.88 -0.18	40.13 0.80 1.50	14.77 0.92 24.53	15.09 1.24 26.57	16.38 1.10 13.07	33.75 1.76 7.80	42.99 1.73 -0.22	43.35 1.54 1.26	25.72 1.94 19.53	51.98 2.50 -1.89	46.15 2.42 -5.96	47.44 2.89 -1.41	57.52 3.40 -1.56	64.58 3.27 0.46	50.70 2.12 0.15	44.73 1.39 1.80	22.77 1.07 17.61	41.28 1.11 0.12	41.15 1.32 0.00
WEST CANADA___HYD 24049	31.90 0.00 0.00	27.21 0.02 0.00	27.92 0.03 0.00	26.43 0.04 0.00	36.05 0.02 0.00	27.76 0.00 0.00	40.84 0.00 0.00	38.38 0.00 0.00	40.40 -0.03 0.00	28.33 -0.03 0.00	39.72 -0.08 0.00	40.96 -0.08 0.00	42.99 -0.09 0.00	43.24 -0.08 0.00	47.54 -0.05 0.00	37.74 -0.02 0.00	43.14 0.01 0.00	52.65 0.09 0.00	61.86 0.09 0.00	48.78 0.05 0.00	45.14 0.01 0.00	39.29 -0.03 0.00	40.24 -0.05 0.00	39.80 -0.03 0.00
WESTERN_NY_WIND 24143	33.43 1.11 -0.42	27.96 0.67 -0.11	28.80 0.75 -0.16	27.23 0.76 -0.08	38.15 1.40 -0.72	29.19 1.18 -0.25	43.69 1.45 -1.40	41.17 1.41 -1.38	43.92 1.86 -1.63	30.25 1.35 -0.55	43.04 1.97 -1.28	44.14 1.88 -1.22	45.85 1.54 -1.23	45.94 1.38 -1.23	50.54 1.53 -1.42	38.83 0.64 -0.43	44.36 0.33 -0.90	54.78 0.17 -2.05	65.81 0.90 -3.14	52.06 1.06 -2.27	48.31 1.20 -1.97	41.76 1.23 -1.21	43.91 2.10 -1.51	43.02 2.03 -1.16
WESTOVER___LESR 323668	32.58 0.10 -0.58	27.39 0.07 -0.15	28.18 0.07 -0.22	26.61 0.11 -0.11	37.21 0.18 -1.00	28.27 0.17 -0.35	42.98 0.21 -1.94	40.48 0.19 -1.91	42.96 0.27 -2.27	29.31 0.19 -0.76	41.81 0.24 -1.78	42.91 0.18 -1.69	44.91 0.13 -1.71	45.14 0.11 -1.71	49.83 0.28 -1.96	38.43 0.07 -0.60	44.52 0.24 -1.15	55.69 0.59 -2.54	66.25 0.58 -3.89	51.93 0.38 -2.82	47.86 0.27 -2.45	41.01 0.19 -1.50	42.47 0.30 -1.88	41.51 0.24 -1.44
WETHRSFD_WT_PWR 323626	32.33 -0.06 -0.50	27.06 -0.26 -0.12	27.90 -0.19 -0.19	26.36 -0.13 -0.09	37.09 0.21 -0.86	28.28 0.22 -0.30	42.55 0.04 -1.67	39.96 -0.06 -1.64	42.62 0.25 -1.95	29.17 0.16 -0.65	41.41 0.08 -1.53	42.66 0.17 -1.45	44.46 -0.08 -1.47	44.74 -0.05 -1.47	49.20 -0.07 -1.69	37.79 -0.49 -0.51	43.24 -0.89 -1.01	53.82 -1.00 -2.25	64.56 -0.67 -3.45	51.11 -0.12 -2.49	47.32 0.01 -2.17	40.87 0.21 -1.33	42.97 1.01 -1.66	42.03 0.92 -1.28
WHAVSTOR_138KV_BK127 55557	32.98 0.97 -0.11	28.15 0.87 -0.09	28.83 0.78 -0.15	27.20 0.66 -0.14	38.23 0.76 -1.44	28.58 0.65 -0.18	41.80 0.86 -0.11	39.36 0.85 -0.14	41.47 0.90 -0.15	33.74 0.81 -4.57	41.78 1.19 -0.80	42.48 1.22 -0.21	44.49 1.41 0.00	45.22 1.65 -0.25	50.56 1.98 -0.99	40.04 1.89 -0.39	45.32 2.20 0.00	55.25 2.69 0.00	64.67 2.89 0.00	50.65 1.92 0.00	46.45 1.31 0.00	40.30 0.98 0.00	41.19 0.89 0.00	40.87 1.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.98 0.97 -0.11	28.15 0.87 -0.09	28.83 0.78 -0.15	27.20 0.66 -0.14	38.23 0.76 -1.44	28.58 0.65 -0.18	41.80 0.86 -0.11	39.36 0.85 -0.14	41.47 0.90 -0.15	33.74 0.81 -4.57	41.78 1.19 -0.80	42.48 1.22 -0.21	44.49 1.41 0.00	45.22 1.65 -0.25	50.56 1.98 -0.99	40.04 1.89 -0.39	45.32 2.20 0.00	55.25 2.69 0.00	64.67 2.89 0.00	50.65 1.92 0.00	46.45 1.31 0.00	40.30 0.98 0.00	41.19 0.89 0.00	40.87 1.04 0.00
WHITEHAL_115KV_TB1 80871	33.23 1.42 0.10	28.49 1.39 0.08	29.19 1.43 0.13	27.61 1.34 0.12	36.67 1.90 1.26	29.22 1.62 0.15	43.34 2.60 0.10	40.33 2.07 0.12	42.12 1.83 0.13	25.33 0.97 4.00	40.34 1.24 0.70	42.37 1.51 0.19	45.04 1.97 0.00	44.78 1.68 0.21	48.80 2.07 0.86	38.89 1.47 0.34	45.84 2.71 0.00	55.43 2.88 0.00	65.30 3.53 0.00	51.83 3.10 0.00	47.79 2.65 0.00	41.26 1.94 0.00	42.12 1.82 0.00	41.68 1.86 0.00
WHITEPLN_13_KV_LOAD 356215	33.43 1.42 -0.11	28.52 1.24 -0.09	29.20 1.14 -0.16	27.54 1.00 -0.15	38.74 1.22 -1.50	28.95 1.01 -0.18	42.38 1.43 -0.11	39.96 1.44 -0.14	42.13 1.56 -0.16	34.41 1.29 -4.76	42.50 1.87 -0.83	43.19 1.92 -0.22	45.20 2.13 0.00	45.97 2.39 -0.26	51.45 2.83 -1.03	40.76 2.59 -0.41	46.17 3.04 0.00	56.24 3.68 0.00	65.72 3.95 0.00	51.46 2.73 0.00	47.17 2.04 0.00	40.92 1.60 0.00	41.81 1.51 0.00	41.46 1.63 0.00
WM_FLOYD_69_KV_BK2 356380	32.83 0.82 -0.11	28.07 0.79 -0.09	28.65 0.60 -0.16	27.01 0.47 -0.15	37.95 0.42 -1.50	28.36 0.42 -0.18	39.25 0.08 1.67	11.84 0.35 26.89	12.03 0.71 29.10	14.28 0.71 14.79	28.67 1.15 12.27	42.33 1.06 -0.22	42.51 0.90 1.46	21.57 1.33 23.08	49.28 1.68 -0.01	42.43 1.82 -2.85	44.48 2.27 0.92	54.21 2.64 0.99	63.54 2.33 0.55	49.87 1.32 0.18	43.66 0.60 2.07	19.59 0.39 20.13	40.57 0.41 0.14	40.52 0.69 0.00
WOODARD___115KV_TB2 355635	32.58 -0.25 -0.93	27.17 -0.25 -0.24	27.99 -0.26 -0.35	26.34 -0.23 -0.18	37.35 -0.29 -1.61	28.14 -0.18 -0.56	43.72 -0.23 -3.12	41.26 -0.19 -3.07	43.90 -0.17 -3.65	29.46 -0.12 -1.22	42.49 -0.17 -2.86	43.56 -0.20 -2.72	45.55 -0.26 -2.74	45.73 -0.33 -2.75	50.42 -0.33 -3.15	38.38 -0.34 -0.96	44.71 -0.29 -1.87	56.48 -0.16 -4.09	67.95 -0.09 -6.26	53.17 -0.08 -4.53	48.93 -0.15 -3.94	41.53 -0.21 -2.42	43.14 -0.17 -3.02	41.91 -0.23 -2.32
WOODMERE_69_KV_BK1 55827	33.57 1.56 -0.11	28.63 1.36 -0.09	29.29 1.23 -0.16	27.62 1.07 -0.15	38.84 1.31 -1.50	28.95 1.01 -0.18	42.07 1.06 -0.17	38.53 1.06 0.91	40.18 1.39 1.63	33.82 1.20 -4.26	77.91 1.93 -36.18	43.32 2.06 -0.22	45.55 2.12 -0.36	57.08 2.59 -11.17	74.39 3.15 -23.65	84.31 2.91 -43.64	73.17 3.32 -26.73	88.23 3.92 -31.76	66.28 4.04 -0.47	51.62 2.73 -0.15	47.45 1.93 -0.38	41.51 1.49 -0.71	41.61 1.33 0.01	41.33 1.50 0.00
YORK___WARBASSE 23770	33.34 1.33 -0.11	28.46 1.18 -0.09	29.11 1.06 -0.16	27.42 0.87 -0.15	38.58 1.05 -1.50	28.83 0.89 -0.18	42.19 1.24 -0.12	39.74 1.22 -0.14	41.87 1.29 -0.16	34.28 1.15 -4.77	42.25 1.62 -0.83	42.83 1.56 -0.22	44.79 1.72 0.00	45.58 2.00 -0.26	51.00 2.38 -1.03	40.55 2.38 -0.41	45.87 2.74 0.00	55.64 3.09 0.00	65.02 3.25 0.00	50.97 2.24 0.00	46.79 1.65 0.00	40.76 1.44 0.00	41.68 1.39 0.00	41.38 1.56 0.00