

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/21/2025

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	34.20	31.42	28.91	27.50	27.40	30.46	37.19	39.84	40.89	37.98	38.79	39.58	40.62	42.31	42.56	43.03	44.54	49.80	53.81	52.61	50.94	44.84	38.52	34.59
24138	1.28	0.97	0.90	0.75	0.88	1.03	1.64	2.08	2.24	1.97	2.11	2.10	2.21	2.22	2.23	2.31	2.76	2.77	2.61	2.27	1.91	1.64	1.37	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	34.27	31.45	28.94	27.56	27.43	30.49	37.19	39.84	40.89	37.98	38.83	39.58	40.66	42.31	42.56	43.03	44.54	49.85	53.86	52.66	50.99	44.88	38.55	34.65
24260	1.35	1.00	0.92	0.80	0.90	1.06	1.64	2.08	2.24	1.97	2.15	2.10	2.25	2.22	2.23	2.31	2.76	2.82	2.66	2.32	1.96	1.68	1.41	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	34.27	31.45	28.94	27.56	27.43	30.49	37.19	39.84	40.89	37.98	38.83	39.58	40.66	42.31	42.56	43.03	44.54	49.85	53.86	52.66	50.99	44.88	38.55	34.65
24261	1.35	1.00	0.92	0.80	0.90	1.06	1.64	2.08	2.24	1.97	2.15	2.10	2.25	2.22	2.23	2.31	2.76	2.82	2.66	2.32	1.96	1.68	1.41	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.04	31.42	28.91	27.59	27.40	30.46	36.66	39.13	40.00	36.75	36.88	36.69	37.37	39.60	39.68	40.70	42.36	48.06	52.99	52.30	50.99	44.80	38.44	34.59
24011	1.12	0.97	0.90	0.83	0.88	1.03	1.10	1.36	1.35	1.00	0.58	0.48	0.53	0.40	0.36	0.45	0.58	1.03	1.79	1.96	1.96	1.60	1.30	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.17	0.56	0.68	0.39	0.44	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.10	31.48	28.99	27.64	27.46	30.55	36.73	39.20	40.08	36.79	36.92	36.70	37.38	39.60	39.68	40.71	42.41	48.15	53.25	52.45	51.13	44.93	38.55	34.69
23798	1.18	1.04	0.98	0.88	0.93	1.12	1.17	1.43	1.43	1.04	0.62	0.48	0.53	0.40	0.36	0.45	0.63	1.13	2.05	2.11	2.11	1.73	1.41	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.16	0.55	0.67	0.39	0.44	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.04	31.42	28.91	27.59	27.40	30.46	36.66	39.13	40.00	36.75	36.88	36.69	37.37	39.60	39.68	40.70	42.36	48.06	52.99	52.30	50.99	44.80	38.44	34.59
24028	1.12	0.97	0.90	0.83	0.88	1.03	1.10	1.36	1.35	1.00	0.58	0.48	0.53	0.40	0.36	0.45	0.58	1.03	1.79	1.96	1.96	1.60	1.30	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.17	0.56	0.68	0.39	0.44	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	34.00	31.27	28.83	27.53	27.32	30.32	36.62	39.12	40.15	36.71	37.25	36.65	37.08	39.86	39.91	41.21	43.28	48.81	53.15	51.95	50.69	44.71	38.29	34.35
23527	1.08	0.82	0.81	0.78	0.80	0.88	1.07	1.36	1.51	1.11	1.17	1.14	1.09	1.15	1.15	1.21	1.50	1.79	1.95	1.61	1.67	1.51	1.15	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.38	1.26	1.54	0.88	1.01	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	32.66	30.23	27.90	26.62	26.42	29.32	35.34	37.73	38.65	35.58	36.13	36.07	36.60	38.90	39.06	39.88	41.53	46.69	50.84	49.89	48.53	42.81	36.77	33.14
24190	-0.26	-0.21	-0.11	-0.13	-0.11	-0.12	-0.21	-0.04	0.00	-0.18	-0.18	-0.22	-0.34	-0.36	-0.32	-0.40	-0.25	-0.33	-0.36	-0.45	-0.49	-0.39	-0.37	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.14	0.48	0.59	0.34	0.39	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	33.51	31.03	28.55	27.24	27.03	30.05	36.34	38.52	39.26	36.47	37.08	37.36	38.05	40.07	40.28	41.03	42.15	47.54	51.71	50.89	49.66	43.89	37.81	34.18
355683	0.59	0.58	0.53	0.48	0.50	0.62	0.78	0.76	0.62	0.61	0.62	0.59	0.53	0.48	0.52	0.57	0.38	0.52	0.51	0.55	0.64	0.69	0.67	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	33.41	30.87	28.49	27.18	26.98	29.90	36.02	38.41	39.26	36.16	36.67	36.68	37.30	39.48	39.66	40.48	41.99	47.45	51.82	50.95	49.66	43.80	37.62	33.92
323833	0.49	0.43	0.48	0.43	0.45	0.47	0.46	0.64	0.62	0.36	0.29	0.18	0.11	0.08	0.12	0.12	0.21	0.42	0.62	0.61	0.64	0.60	0.48	0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.28	0.34	0.19	0.22	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	33.38	30.87	28.46	27.18	26.98	29.90	36.02	38.37	39.23	36.16	36.64	36.68	37.30	39.48	39.66	40.48	41.99	47.45	51.82	50.95	49.66	43.76	37.62	33.92
323834	0.46	0.43	0.45	0.43	0.45	0.47	0.46	0.60	0.58	0.36	0.26	0.18	0.11	0.08	0.12	0.12	0.21	0.42	0.62	0.61	0.64	0.56	0.48	0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.08	0.28	0.34	0.19	0.22	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	32.66	30.23	27.90	26.62	26.42	29.32	35.34	37.73	38.65	35.58	36.13	36.07	36.60	38.90	39.06	39.88	41.53	46.69	50.84	49.89	48.53	42.81	36.77	33.14
23571	-0.26	-0.21	-0.11	-0.13	-0.11	-0.12	-0.21	-0.04	0.00	-0.18	-0.18	-0.22	-0.34	-0.36	-0.32	-0.40	-0.25	-0.33	-0.36	-0.45	-0.49	-0.39	-0.37	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.14	0.48	0.59	0.34	0.39	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	32.66 -0.26 0.00	30.23 -0.21 0.00	27.90 -0.11 0.00	26.62 -0.13 0.00	26.42 -0.11 0.00	29.32 -0.12 0.00	35.34 -0.21 0.00	37.73 -0.04 0.00	38.65 0.00 0.00	35.58 -0.18 0.10	36.13 -0.18 0.14	36.07 -0.22 0.48	36.60 -0.34 0.59	38.90 -0.36 0.34	39.06 -0.32 0.39	39.88 -0.40 0.18	41.53 -0.25 0.00	46.69 -0.33 0.00	50.84 -0.36 0.00	49.89 -0.45 0.00	48.53 -0.49 0.00	42.81 -0.39 0.00	36.77 -0.37 0.00	33.14 -0.40 0.00
ALBANY___3 23573	32.66 -0.26 0.00	30.23 -0.21 0.00	27.90 -0.11 0.00	26.62 -0.13 0.00	26.42 -0.11 0.00	29.32 -0.12 0.00	35.34 -0.21 0.00	37.73 -0.04 0.00	38.65 0.00 0.00	35.58 -0.18 0.10	36.13 -0.18 0.14	36.07 -0.22 0.48	36.60 -0.34 0.59	38.90 -0.36 0.34	39.06 -0.32 0.39	39.88 -0.40 0.18	41.53 -0.25 0.00	46.69 -0.33 0.00	50.84 -0.36 0.00	49.89 -0.45 0.00	48.53 -0.49 0.00	42.81 -0.39 0.00	36.77 -0.37 0.00	33.14 -0.40 0.00
ALBANY___4 23574	32.66 -0.26 0.00	30.23 -0.21 0.00	27.90 -0.11 0.00	26.62 -0.13 0.00	26.42 -0.11 0.00	29.32 -0.12 0.00	35.34 -0.21 0.00	37.73 -0.04 0.00	38.65 0.00 0.00	35.58 -0.18 0.10	36.13 -0.18 0.14	36.07 -0.22 0.48	36.60 -0.34 0.59	38.90 -0.36 0.34	39.06 -0.32 0.39	39.88 -0.40 0.18	41.53 -0.25 0.00	46.69 -0.33 0.00	50.84 -0.36 0.00	49.89 -0.45 0.00	48.53 -0.49 0.00	42.81 -0.39 0.00	36.77 -0.37 0.00	33.14 -0.40 0.00
ALBANY___LFGE 323615	33.02 0.10 0.00	30.54 0.09 0.00	28.18 0.17 0.00	26.89 0.13 0.00	26.69 0.16 0.00	29.61 0.18 0.00	35.70 0.14 0.00	38.10 0.34 0.00	39.07 0.43 0.00	35.93 0.18 0.11	36.49 0.18 0.15	36.40 0.15 0.51	36.94 0.04 0.63	39.27 0.04 0.36	39.43 0.08 0.41	40.27 0.00 0.19	41.95 0.17 0.00	47.26 0.24 0.00	51.46 0.26 0.00	50.44 0.10 0.00	49.12 0.10 0.00	43.28 0.09 0.00	37.22 0.07 0.00	33.51 -0.03 0.00
ALCOA_PA_115KV_PL-6C 55860	33.84 0.92 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.50 0.75 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.69 1.14 0.00	38.90 1.13 0.00	39.65 1.00 0.00	36.76 0.90 0.00	37.37 0.91 0.00	37.69 0.92 0.00	38.35 0.83 0.00	40.39 0.79 0.00	40.64 0.87 0.00	41.35 0.89 0.00	42.49 0.71 0.00	47.87 0.85 0.00	52.12 0.92 0.00	51.35 1.01 0.00	50.10 1.08 0.00	44.32 1.12 0.00	38.18 1.04 0.00	34.55 1.01 0.00
ALCOA_RYNLDS___DRP 24188	33.84 0.92 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.50 0.75 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.69 1.14 0.00	38.90 1.13 0.00	39.65 1.00 0.00	36.76 0.90 0.00	37.37 0.91 0.00	37.69 0.92 0.00	38.35 0.83 0.00	40.39 0.79 0.00	40.64 0.87 0.00	41.35 0.89 0.00	42.49 0.71 0.00	47.87 0.85 0.00	52.12 0.92 0.00	51.35 1.01 0.00	50.10 1.08 0.00	44.32 1.12 0.00	38.18 1.04 0.00	34.55 1.01 0.00
ALCOA___DSASP 323711	33.84 0.92 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.50 0.75 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.69 1.14 0.00	38.90 1.13 0.00	39.65 1.00 0.00	36.76 0.90 0.00	37.37 0.91 0.00	37.69 0.92 0.00	38.35 0.82 0.00	40.39 0.79 0.00	40.64 0.87 0.00	41.35 0.89 0.00	42.49 0.71 0.00	47.87 0.85 0.00	52.12 0.92 0.00	51.35 1.01 0.00	50.10 1.08 0.00	44.32 1.12 0.00	38.18 1.04 0.00	34.55 1.01 0.00
ALLEGHENY___COGEN 23514	34.30 1.38 0.00	32.18 1.73 0.00	29.41 1.40 0.00	28.23 1.47 0.00	27.72 1.19 0.00	30.61 1.18 0.00	36.44 0.89 0.00	38.92 0.72 -0.44	40.23 0.27 -1.32	36.80 0.75 -0.18	37.19 0.51 -0.22	37.50 0.55 -0.18	38.48 0.75 -0.20	40.78 0.99 -0.20	41.00 1.07 -0.17	41.93 1.26 -0.21	43.12 1.34 -0.01	48.74 1.69 -0.02	56.76 2.20 -3.36	56.48 3.07 -3.07	55.09 3.18 -2.88	46.26 2.98 -0.08	39.77 2.53 -0.10	36.13 2.58 0.00
ALTAMONT_115KV_TB 2 55880	33.18 0.26 0.00	30.66 0.21 0.00	28.24 0.22 0.00	26.97 0.21 0.00	26.77 0.24 0.00	29.70 0.26 0.00	35.84 0.28 0.00	38.22 0.45 0.00	39.15 0.50 0.00	36.13 0.32 0.06	36.71 0.33 0.08	36.80 0.29 0.26	37.51 0.30 0.32	39.69 0.28 0.18	39.83 0.28 0.21	40.65 0.28 0.10	42.20 0.42 0.00	47.54 0.52 0.00	51.76 0.56 0.00	50.79 0.45 0.00	49.47 0.44 0.00	43.54 0.35 0.00	37.40 0.26 0.00	33.68 0.13 0.00
ALTONA_WT_PWR 323606	33.51 0.59 0.00	31.02 0.58 0.00	28.54 0.53 0.00	27.26 0.51 0.00	27.06 0.53 0.00	30.08 0.65 0.00	36.41 0.85 0.00	38.60 0.83 0.00	39.38 0.73 0.00	36.58 0.72 0.00	37.19 0.73 0.00	37.47 0.70 0.00	38.17 0.64 0.00	40.19 0.59 0.00	40.44 0.68 0.00	41.15 0.69 0.00	42.66 0.88 0.00	48.11 1.08 0.00	52.33 1.13 0.00	51.55 1.21 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.22 1.08 0.00	34.55 1.01 0.00
AMERICAN_REF_FUEL 24010	32.56 -0.36 0.00	30.87 0.43 0.00	28.15 0.14 0.00	27.13 0.37 0.00	26.48 -0.05 0.00	28.91 -0.53 0.00	33.67 -1.89 0.00	35.61 -2.34 -0.19	36.92 -2.51 -0.79	34.79 -1.07 0.00	35.22 -1.24 0.00	35.81 -0.96 0.00	36.85 -0.67 0.00	39.16 -0.43 0.00	39.49 -0.28 0.00	40.02 -0.44 0.00	40.95 -0.84 -0.01	45.77 -1.27 -0.02	52.05 -1.49 -2.34	51.47 -1.01 -2.14	49.76 -1.27 -2.01	42.68 -0.52 0.00	37.07 -0.07 0.00	34.62 1.07 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.18 0.26 0.00	31.48 1.04 0.00	28.68 0.67 0.00	27.64 0.88 0.00	27.01 0.48 0.00	29.64 0.21 0.00	35.24 -0.32 0.00	38.38 -0.57 -1.18	42.90 -0.66 -4.92	36.40 0.54 0.00	36.86 0.40 0.00	37.39 0.62 0.00	38.47 0.94 0.00	40.86 1.27 0.00	41.19 1.43 0.00	41.84 1.38 0.00	42.82 1.00 -0.04	47.87 0.75 -0.10	66.86 0.62 -15.04	65.19 1.11 -13.74	62.76 0.83 -12.90	44.28 1.08 0.00	38.37 1.22 0.00	35.42 1.88 0.00
ARTHUR KILL_GT_1 23520	34.63 1.71 0.00	31.79 1.34 0.00	29.22 1.20 0.00	27.75 0.99 0.00	27.62 1.09 0.00	30.52 1.09 0.00	37.19 1.64 0.00	39.77 2.00 0.00	40.77 2.13 0.00	37.84 1.83 -0.15	38.79 2.11 -0.21	39.62 2.13 -0.71	40.73 2.33 -0.88	42.47 2.38 -0.50	42.80 2.47 -0.57	43.31 2.59 -0.26	44.62 2.84 0.00	50.27 3.24 0.00	54.22 3.02 0.00	52.96 2.62 0.00	50.94 1.91 0.00	45.01 1.81 0.00	38.74 1.60 0.00	35.02 1.48 0.00
ARTHUR_KILL_2 23512	34.54 1.61 -0.01	31.70 1.25 -0.01	29.17 1.15 -0.01	27.69 0.94 0.00	27.56 1.03 0.00	30.46 1.03 0.00	37.01 1.46 0.00	39.65 1.89 0.00	40.65 2.01 0.00	37.70 1.69 -0.15	38.68 2.00 -0.21	39.51 2.02 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.64 2.31 -0.57	43.11 2.39 -0.26	44.46 2.68 -0.01	50.13 3.10 0.00	54.02 2.81 0.00	52.66 2.32 0.00	50.79 1.76 0.00	44.84 1.64 0.00	38.59 1.45 0.00	34.92 1.38 0.00
ARTHUR_KILL_3 23513	33.91 0.99 0.00	31.12 0.67 0.00	28.63 0.62 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.20 0.76 0.00	36.83 1.28 0.00	39.47 1.70 0.00	40.50 1.85 0.00	37.59 1.58 -0.15	38.43 1.75 -0.21	39.21 1.73 -0.71	40.21 1.80 -0.88	41.88 1.78 -0.50	42.13 1.79 -0.57	42.54 1.82 -0.26	44.08 2.30 0.00	49.23 2.21 0.00	53.15 1.95 0.00	51.95 1.61 0.00	50.45 1.42 0.00	44.41 1.21 0.00	38.15 1.00 0.00	34.28 0.74 0.00

ARTHUR_KILL_COGEN 323718	34.64 1.71 -0.01	31.79 1.34 -0.01	29.22 1.20 -0.01	27.75 0.99 0.00	27.62 1.09 0.00	30.52 1.09 0.00	37.12 1.56 0.00	39.77 2.00 0.00	40.77 2.12 0.00	37.80 1.79 -0.15	38.79 2.11 -0.21	39.62 2.13 -0.71	40.73 2.33 -0.88	42.47 2.38 -0.50	42.80 2.47 -0.57	43.27 2.55 -0.26	44.63 2.84 -0.01	50.27 3.24 0.00	54.17 2.97 0.00	52.86 2.52 0.00	50.99 1.96 0.00	45.01 1.81 0.00	38.74 1.60 0.00	35.02 1.47 0.00
ASHOKAN____ 23654	33.64 0.72 0.00	30.93 0.49 0.00	28.52 0.50 0.00	27.18 0.43 0.00	27.01 0.48 0.00	29.90 0.47 0.00	36.20 0.64 0.00	38.56 0.79 0.00	39.30 0.66 0.00	37.30 1.44 0.00	37.59 1.13 0.00	37.87 1.10 0.00	38.92 1.39 0.00	41.10 1.50 0.00	41.27 1.51 0.00	42.12 1.66 0.00	42.49 0.71 0.00	48.01 0.99 0.00	52.38 1.18 0.00	51.60 1.26 0.00	50.10 1.08 0.00	43.98 0.78 0.00	37.70 0.56 0.00	34.02 0.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.21 1.28 -0.01	31.40 0.94 -0.01	28.89 0.87 -0.01	27.42 0.67 0.00	27.30 0.77 0.00	30.17 0.74 0.00	36.72 1.17 0.01	39.38 1.62 0.01	40.45 1.82 0.01	37.51 1.51 -0.14	38.45 1.79 -0.21	39.28 1.80 -0.71	40.31 1.91 -0.87	41.99 1.90 -0.49	42.24 1.91 -0.56	42.70 1.98 -0.25	44.19 2.42 0.01	49.46 2.44 0.01	53.24 2.05 0.01	51.94 1.61 0.01	50.24 1.23 0.01	44.31 1.12 0.01	38.10 0.96 0.01	34.55 1.01 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.21 1.28 -0.01	31.40 0.94 -0.01	28.89 0.87 -0.01	27.42 0.67 0.00	27.30 0.77 0.00	30.17 0.74 0.00	36.72 1.17 0.01	39.38 1.62 0.01	40.45 1.82 0.01	37.51 1.51 -0.14	38.45 1.79 -0.21	39.28 1.80 -0.71	40.31 1.91 -0.87	41.99 1.90 -0.49	42.24 1.91 -0.56	42.70 1.98 -0.25	44.19 2.42 0.01	49.46 2.44 0.01	53.24 2.05 0.01	51.94 1.61 0.01	50.24 1.23 0.01	44.31 1.12 0.01	38.10 0.96 0.01	34.55 1.01 0.00
ASTORIA_GT2_1 24094	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT2_2 24095	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT2_3 24096	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT2_4 24097	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT3_1 24098	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT3_2 24099	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT3_3 24100	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT3_4 24101	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT4_1 24102	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT4_2 24103	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT4_3 24104	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00

ASTORIA_GT4_4 24105	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.80 1.24 0.00	39.39 1.62 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.23 2.46 0.02	49.52 2.49 0.00	53.35 2.15 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
ASTORIA_GT_1 23523	34.27 1.35 0.00	31.48 1.04 0.00	28.94 0.92 0.00	27.48 0.72 0.00	27.35 0.82 0.00	30.26 0.82 0.00	36.87 1.32 0.00	39.46 1.70 0.00	40.54 1.89 0.00	37.66 1.65 -0.15	38.57 1.90 -0.21	39.36 1.88 -0.71	40.43 2.03 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.87 2.14 -0.26	44.31 2.55 0.02	49.61 2.59 0.00	53.45 2.25 0.00	52.25 1.91 0.00	50.35 1.32 0.00	44.49 1.30 0.00	38.22 1.08 0.00	34.62 1.07 0.00
ASTORIA_GT_10 24110	34.24 1.32 0.00	31.42 0.97 0.00	28.94 0.92 0.00	27.48 0.72 0.00	27.38 0.85 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.61 1.93 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.16 2.06 -0.50	42.40 2.07 -0.57	42.91 2.18 -0.26	44.37 2.59 0.00	49.66 2.63 0.00	53.51 2.30 0.00	52.30 1.96 0.00	50.45 1.42 0.00	44.54 1.34 0.00	38.29 1.15 0.00	34.62 1.07 0.00
ASTORIA_GT_11 24225	34.24 1.32 0.00	31.42 0.97 0.00	28.94 0.92 0.00	27.48 0.72 0.00	27.38 0.85 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.61 1.93 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.16 2.06 -0.50	42.40 2.07 -0.57	42.91 2.18 -0.26	44.37 2.59 0.00	49.66 2.63 0.00	53.51 2.30 0.00	52.30 1.96 0.00	50.45 1.42 0.00	44.54 1.34 0.00	38.29 1.15 0.00	34.62 1.07 0.00
ASTORIA_GT_12 24226	34.24 1.32 0.00	31.42 0.97 0.00	28.94 0.92 0.00	27.48 0.72 0.00	27.38 0.85 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.61 1.93 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.16 2.06 -0.50	42.40 2.07 -0.57	42.91 2.18 -0.26	44.37 2.59 0.00	49.66 2.63 0.00	53.51 2.30 0.00	52.30 1.96 0.00	50.45 1.42 0.00	44.54 1.34 0.00	38.29 1.15 0.00	34.62 1.07 0.00
ASTORIA_GT_13 24227	34.24 1.32 0.00	31.42 0.97 0.00	28.94 0.92 0.00	27.48 0.72 0.00	27.38 0.85 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.61 1.93 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.16 2.06 -0.50	42.40 2.07 -0.57	42.91 2.18 -0.26	44.37 2.59 0.00	49.66 2.63 0.00	53.51 2.30 0.00	52.30 1.96 0.00	50.45 1.42 0.00	44.54 1.34 0.00	38.29 1.15 0.00	34.62 1.07 0.00
ASTORIA_GT_5 24106	34.27 1.35 0.00	31.48 1.04 0.00	28.94 0.92 0.00	27.48 0.72 0.00	27.35 0.82 0.00	30.26 0.82 0.00	36.87 1.32 0.00	39.46 1.70 0.00	40.54 1.89 0.00	37.66 1.65 -0.15	38.57 1.90 -0.21	39.36 1.88 -0.71	40.43 2.03 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.87 2.14 -0.26	44.31 2.55 0.02	49.61 2.59 0.00	53.45 2.25 0.00	52.25 1.91 0.00	50.35 1.32 0.00	44.49 1.30 0.00	38.22 1.08 0.00	34.62 1.07 0.00
ASTORIA_GT_7 24107	34.27 1.35 0.00	31.48 1.04 0.00	28.94 0.92 0.00	27.48 0.72 0.00	27.35 0.82 0.00	30.26 0.82 0.00	36.87 1.32 0.00	39.46 1.70 0.00	40.54 1.89 0.00	37.66 1.65 -0.15	38.57 1.90 -0.21	39.36 1.88 -0.71	40.43 2.03 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.87 2.14 -0.26	44.31 2.55 0.02	49.61 2.59 0.00	53.45 2.25 0.00	52.25 1.91 0.00	50.35 1.32 0.00	44.49 1.30 0.00	38.22 1.08 0.00	34.62 1.07 0.00
ASTORIA_GT_8 24108	34.27 1.35 0.00	31.48 1.04 0.00	28.94 0.92 0.00	27.48 0.72 0.00	27.35 0.82 0.00	30.26 0.82 0.00	36.87 1.32 0.00	39.46 1.70 0.00	40.54 1.89 0.00	37.66 1.65 -0.15	38.57 1.90 -0.21	39.36 1.88 -0.71	40.43 2.03 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.87 2.14 -0.26	44.31 2.55 0.02	49.61 2.59 0.00	53.45 2.25 0.00	52.25 1.91 0.00	50.35 1.32 0.00	44.49 1.30 0.00	38.22 1.08 0.00	34.62 1.07 0.00
ASTORIA___2 24149	34.21 1.28 -0.01	31.43 0.97 -0.01	28.92 0.90 -0.01	27.45 0.69 0.00	27.32 0.80 0.00	30.20 0.76 0.00	36.72 1.17 0.01	39.42 1.66 0.01	40.49 1.85 0.01	37.55 1.54 -0.14	38.45 1.79 -0.21	39.28 1.80 -0.71	40.31 1.91 -0.87	41.99 1.90 -0.49	42.27 1.95 -0.56	42.70 1.98 -0.25	44.24 2.46 0.01	49.51 2.49 0.01	53.29 2.10 0.01	51.99 1.66 0.01	50.29 1.27 0.01	44.36 1.17 0.01	38.10 0.96 0.01	34.55 1.01 0.00
ASTORIA___3 23516	34.25 1.32 -0.01	31.43 0.97 -0.01	28.94 0.92 -0.01	27.48 0.72 0.00	27.38 0.85 0.00	30.32 0.88 0.00	36.87 1.32 0.00	39.58 1.81 0.00	40.61 1.97 0.00	37.70 1.69 -0.15	38.61 1.93 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.15 2.06 -0.50	42.40 2.07 -0.57	42.86 2.14 -0.26	44.38 2.59 -0.01	49.66 2.63 0.00	53.51 2.31 0.00	52.20 1.86 0.00	50.45 1.42 0.00	44.54 1.34 0.00	38.29 1.15 0.00	34.62 1.07 0.00
ASTORIA___4 23517	34.24 1.32 0.00	31.42 0.97 0.00	28.94 0.92 0.00	27.48 0.72 0.00	27.38 0.85 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.61 1.93 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.16 2.06 -0.50	42.40 2.07 -0.57	42.91 2.18 -0.26	44.37 2.59 0.00	49.66 2.63 0.00	53.51 2.30 0.00	52.30 1.96 0.00	50.45 1.42 0.00	44.54 1.34 0.00	38.29 1.15 0.00	34.62 1.07 0.00
ASTORIA___5 23518	34.25 1.32 -0.01	31.43 0.97 -0.01	28.94 0.92 -0.01	27.48 0.72 0.00	27.38 0.85 0.00	30.32 0.88 0.00	36.87 1.32 0.00	39.58 1.81 0.00	40.61 1.97 0.00	37.70 1.69 -0.15	38.61 1.93 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.15 2.06 -0.50	42.40 2.07 -0.57	42.86 2.14 -0.26	44.38 2.59 -0.01	49.66 2.63 0.00	53.51 2.31 0.00	52.20 1.86 0.00	50.45 1.42 0.00	44.54 1.34 0.00	38.29 1.15 0.00	34.62 1.07 0.00
AST_ENERGY_2_CC3 323677	32.46 1.05 1.51	31.18 0.73 0.00	28.71 0.70 0.00	27.34 0.59 0.00	27.25 0.72 0.00	30.25 0.82 0.01	32.46 1.32 4.41	32.46 1.74 7.04	32.46 1.93 8.12	32.46 1.62 5.02	34.39 1.82 3.89	34.39 1.76 4.14	34.39 1.88 5.01	34.39 1.86 7.07	34.39 1.87 7.24	34.39 1.90 7.97	34.39 2.34 9.73	34.39 2.35 14.98	34.60 2.10 18.70	34.39 1.76 17.71	34.39 1.52 16.16	34.39 1.29 10.10	34.39 1.11 3.87	34.34 0.80 0.01
AST_ENERGY_2_CC4 323678	32.46 1.05 1.51	31.18 0.73 0.00	28.71 0.70 0.00	27.34 0.59 0.00	27.25 0.72 0.00	30.25 0.82 0.01	32.46 1.32 4.41	32.46 1.74 7.04	32.46 1.93 8.12	32.46 1.62 5.02	34.39 1.82 3.89	34.39 1.76 4.14	34.39 1.88 5.01	34.39 1.86 7.07	34.39 1.87 7.24	34.39 1.90 7.97	34.39 2.34 9.73	34.39 2.35 14.98	34.60 2.10 18.70	34.39 1.76 17.71	34.39 1.52 16.16	34.39 1.29 10.10	34.39 1.11 3.87	34.34 0.80 0.01

ATHENS_STG_1 23668	33.18 0.26 0.00	30.60 0.15 0.00	28.21 0.20 0.00	26.92 0.16 0.00	26.74 0.21 0.00	29.67 0.23 0.00	35.87 0.32 0.00	38.29 0.53 0.00	39.23 0.58 0.00	36.32 0.40 -0.06	37.02 0.47 -0.09	37.51 0.44 -0.30	38.35 0.45 -0.37	40.28 0.48 -0.21	40.44 0.44 -0.24	41.06 0.49 -0.11	42.45 0.67 0.00	47.73 0.71 0.00	51.77 0.56 0.00	50.74 0.40 0.00	49.46 0.44 0.00	43.54 0.34 0.00	37.37 0.22 0.00	33.65 0.10 0.00
ATHENS_STG_2 23670	33.18 0.26 0.00	30.60 0.15 0.00	28.21 0.20 0.00	26.92 0.16 0.00	26.74 0.21 0.00	29.67 0.23 0.00	35.87 0.32 0.00	38.29 0.53 0.00	39.23 0.58 0.00	36.32 0.40 -0.06	37.02 0.47 -0.09	37.51 0.44 -0.30	38.35 0.45 -0.37	40.28 0.48 -0.21	40.44 0.44 -0.24	41.06 0.49 -0.11	42.45 0.67 0.00	47.73 0.71 0.00	51.77 0.56 0.00	50.74 0.40 0.00	49.46 0.44 0.00	43.54 0.34 0.00	37.37 0.22 0.00	33.65 0.10 0.00
ATHENS_STG_3 23677	33.18 0.26 0.00	30.60 0.15 0.00	28.21 0.20 0.00	26.92 0.16 0.00	26.74 0.21 0.00	29.67 0.23 0.00	35.87 0.32 0.00	38.29 0.53 0.00	39.23 0.58 0.00	36.32 0.40 -0.06	37.02 0.47 -0.09	37.51 0.44 -0.30	38.35 0.45 -0.37	40.28 0.48 -0.21	40.44 0.44 -0.24	41.06 0.49 -0.11	42.45 0.67 0.00	47.73 0.71 0.00	51.77 0.56 0.00	50.74 0.40 0.00	49.46 0.44 0.00	43.54 0.34 0.00	37.37 0.22 0.00	33.65 0.10 0.00
AUBURN___LFGE 323710	32.95 0.03 0.00	30.57 0.12 0.00	28.04 0.03 0.00	26.86 0.11 0.00	26.53 0.00 0.00	29.41 -0.03 0.00	35.45 -0.11 0.00	38.60 -0.08 -0.91	39.68 -0.04 -1.07	36.87 0.07 -0.94	37.72 0.11 -1.15	37.90 0.18 -0.95	38.78 0.23 -1.02	40.96 0.32 -1.04	40.91 0.28 -0.87	41.75 0.20 -1.09	41.99 0.21 0.00	47.26 0.24 0.00	51.56 0.36 0.00	50.84 0.50 0.00	49.56 0.54 0.00	44.00 0.39 -0.41	38.00 0.33 -0.52	33.92 0.37 0.00
BABYLON_RES_REC 323704	34.30 1.38 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.32 0.56 0.00	27.22 0.69 0.00	30.29 0.85 0.00	36.91 1.35 0.00	39.54 1.78 0.00	40.50 1.85 0.00	37.63 1.62 -0.15	38.97 2.30 -0.21	39.54 2.06 -0.72	40.32 1.91 -0.88	41.44 1.35 -0.50	41.73 1.39 -0.57	42.02 1.29 -0.26	43.27 1.50 0.01	48.71 1.69 0.01	52.58 1.38 0.01	51.39 1.06 0.01	50.00 0.98 0.01	43.93 0.73 0.00	38.55 1.41 0.00	34.52 0.97 0.00
BALL_HILL_WT_PWR 323825	32.92 0.00 0.00	31.18 0.73 0.00	28.43 0.42 0.00	27.40 0.64 0.00	26.77 0.24 0.00	29.32 -0.12 0.00	34.70 -0.85 0.00	38.10 -1.13 -1.47	43.49 -1.27 -6.12	35.83 -0.04 0.00	36.28 -0.18 0.00	36.84 0.07 0.00	37.90 0.38 0.00	40.31 0.71 0.00	40.60 0.84 0.00	41.23 0.77 0.00	42.24 0.42 -0.05	47.38 0.24 -0.12	69.56 0.05 -18.31	67.62 0.55 -16.72	65.02 0.30 -15.70	43.85 0.65 0.00	38.00 0.85 0.00	35.09 1.54 0.00
BARON_WINDS___WT_PWR 323822	32.99 0.07 0.00	30.96 0.52 0.00	28.29 0.28 0.00	27.21 0.45 0.00	26.72 0.19 0.00	29.43 0.00 0.00	35.20 -0.36 0.00	38.05 -0.49 -0.78	40.46 -0.58 -2.39	36.22 0.07 -0.29	36.82 0.00 -0.36	37.14 0.07 -0.29	38.11 0.26 -0.32	40.35 0.44 -0.32	40.47 0.44 -0.27	41.20 0.40 -0.34	42.09 0.29 -0.02	47.35 0.28 -0.04	57.62 0.21 -6.21	56.67 0.65 -5.67	54.89 0.54 -5.33	43.97 0.65 -0.13	38.01 0.70 -0.16	34.65 1.11 0.00
BARRETT_IC_1 23704	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT_IC_10 23701	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT_IC_11 23702	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT_IC_12 23703	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT_IC_2 23705	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT_IC_3 23706	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT_IC_4 23707	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT_IC_5 23708	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00

BARRETT_IC_6 23709	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT_IC_7 23710	34.14 1.22 0.00	31.24 0.79 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.17 0.64 0.00	30.23 0.79 0.00	36.84 1.28 0.00	39.43 1.66 0.00	40.35 1.70 0.00	37.55 1.54 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.21 1.80 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	42.02 1.29 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.42 1.23 0.01	51.29 0.96 0.01	49.80 0.78 0.01	43.89 0.69 0.00	38.48 1.34 0.00	34.38 0.84 0.00
BARRETT_IC_8 23711	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT_IC_9 23700	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT___1 23545	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BARRETT___2 23546	34.14 1.22 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.75 2.08 -0.21	39.32 1.84 -0.72	40.17 1.76 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.23 1.46 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.75 0.74 0.01	43.80 0.60 0.00	38.37 1.22 0.00	34.39 0.84 0.00
BATAVIA__115KV_TB1 55881	33.64 0.72 0.00	31.66 1.22 0.00	28.97 0.95 0.00	27.67 0.91 0.00	27.25 0.72 0.00	29.91 0.47 0.00	35.13 -0.43 0.00	37.30 -0.57 -0.10	38.45 -0.62 -0.42	36.15 0.29 0.00	36.75 0.29 0.00	37.36 0.59 0.00	38.32 0.79 0.00	40.78 1.19 0.00	41.11 1.35 0.00	41.51 1.05 0.00	42.74 0.96 0.00	47.88 0.85 -0.01	53.37 0.92 -1.24	52.69 1.21 -1.14	51.37 1.27 -1.07	44.67 1.47 0.00	38.66 1.52 0.00	35.66 2.11 0.00
BAYONEEC___CTG1 323682	34.04 1.12 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.57 1.89 -0.21	39.36 1.87 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.42 0.87 0.00
BAYONEEC___CTG10 323750	34.04 1.12 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.57 1.89 -0.21	39.36 1.87 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.42 0.87 0.00
BAYONEEC___CTG2 323683	34.04 1.12 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.57 1.89 -0.21	39.36 1.87 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.42 0.87 0.00
BAYONEEC___CTG3 323684	34.04 1.12 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.57 1.89 -0.21	39.36 1.87 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.42 0.87 0.00
BAYONEEC___CTG4 323685	34.04 1.12 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.57 1.89 -0.21	39.36 1.87 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.42 0.87 0.00
BAYONEEC___CTG5 323686	34.04 1.12 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.57 1.89 -0.21	39.36 1.87 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.42 0.87 0.00
BAYONEEC___CTG6 323687	34.04 1.12 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.57 1.89 -0.21	39.36 1.87 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.42 0.87 0.00
BAYONEEC___CTG7 323688	34.04 1.12 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.57 1.89 -0.21	39.36 1.87 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.42 0.87 0.00

BAYONEEC___CTG8 323689	34.04 1.12 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.57 1.89 -0.21	39.36 1.87 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.42 0.87 0.00
BAYONEEC___CTG9 323749	34.04 1.12 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.57 1.89 -0.21	39.36 1.87 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.42 0.87 0.00
BEACON___LESR 323632	33.15 0.23 0.00	30.66 0.21 0.00	28.26 0.25 0.00	27.00 0.24 0.00	26.79 0.27 0.00	29.73 0.29 0.00	35.84 0.28 0.00	38.26 0.49 0.00	39.23 0.58 0.00	36.04 0.29 0.11	36.60 0.29 0.15	36.49 0.22 0.50	37.03 0.11 0.61	39.40 0.16 0.35	39.56 0.20 0.40	40.44 0.16 0.18	42.11 0.33 0.00	47.45 0.42 0.00	51.71 0.51 0.00	50.70 0.35 0.00	49.32 0.30 0.00	43.50 0.30 0.00	37.40 0.26 0.00	33.68 0.13 0.00
BEAVER RIVER___HYD 24048	34.27 1.35 0.00	31.70 1.25 0.00	29.19 1.18 0.00	27.88 1.12 0.00	27.64 1.11 0.00	30.67 1.24 0.00	37.19 1.64 0.00	40.00 1.74 -0.49	40.73 1.51 -0.58	37.66 1.29 -0.51	38.25 1.17 -0.62	38.39 1.10 -0.52	39.13 1.05 -0.56	41.35 1.19 -0.57	41.39 1.15 -0.47	42.18 1.13 -0.59	42.66 0.88 0.00	48.11 1.08 0.00	52.84 1.64 0.00	52.36 2.02 0.00	51.23 2.21 0.00	45.49 2.07 -0.22	39.21 1.78 -0.28	35.16 1.61 0.00
BEEBEE_GT_13 23619	32.95 0.03 0.00	30.84 0.40 0.00	28.27 0.25 0.00	27.10 0.35 0.00	26.64 0.11 0.00	29.32 -0.12 0.00	34.92 -0.64 0.00	37.05 -0.64 0.08	37.70 -0.62 0.32	35.86 0.00 0.00	36.50 0.04 0.00	37.03 0.26 0.00	37.94 0.41 0.00	40.27 0.67 0.00	40.56 0.80 0.00	40.99 0.53 0.00	42.28 0.50 0.00	47.44 0.42 0.01	50.62 0.41 0.99	49.99 0.55 0.90	48.77 0.59 0.85	43.89 0.69 0.00	37.88 0.74 0.00	34.52 0.97 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.57 1.65 0.00	31.73 1.28 0.00	29.16 1.15 0.00	27.69 0.94 0.00	27.56 1.03 0.00	30.52 1.09 0.00	37.19 1.64 0.00	39.84 2.08 0.00	40.85 2.20 0.00	37.95 1.94 -0.15	38.90 2.22 -0.21	39.73 2.24 -0.71	40.81 2.40 -0.88	42.51 2.42 -0.50	42.84 2.51 -0.57	43.31 2.59 -0.26	44.79 3.01 0.00	50.27 3.24 0.00	54.17 2.97 0.00	52.91 2.57 0.00	50.94 1.91 0.00	45.01 1.81 0.00	38.70 1.56 0.00	34.96 1.41 0.00
BETHLEHEM___GRP 23843	32.66 -0.26 0.00	30.23 -0.21 0.00	27.90 -0.11 0.00	26.62 -0.13 0.00	26.42 -0.11 0.00	29.32 -0.12 0.00	35.34 -0.21 0.00	37.73 -0.04 0.00	38.65 0.00 0.00	35.58 -0.18 0.10	36.13 -0.18 0.14	36.07 -0.22 0.48	36.60 -0.34 0.59	38.90 -0.36 0.34	39.06 -0.32 0.39	39.88 -0.40 0.18	41.53 -0.25 0.00	46.69 -0.33 0.00	50.84 -0.36 0.00	49.89 -0.45 0.00	48.53 -0.49 0.00	42.81 -0.39 0.00	36.77 -0.37 0.00	33.14 -0.40 0.00
BETHLEHEM___GS1 323560	32.66 -0.26 0.00	30.20 -0.24 0.00	27.90 -0.11 0.00	26.62 -0.13 0.00	26.42 -0.11 0.00	29.32 -0.12 0.00	35.34 -0.21 0.00	37.69 -0.08 0.00	38.65 0.00 0.00	35.58 -0.18 0.10	36.14 -0.18 0.14	36.07 -0.22 0.48	36.56 -0.38 0.59	38.90 -0.36 0.34	39.06 -0.32 0.39	39.88 -0.40 0.18	41.53 -0.25 0.00	46.70 -0.33 0.00	50.79 -0.41 0.00	49.79 -0.55 0.00	48.53 -0.49 0.00	42.81 -0.39 0.00	36.81 -0.33 0.00	33.15 -0.40 0.00
BETHLEHEM___GS2 323561	32.66 -0.26 0.00	30.20 -0.24 0.00	27.90 -0.11 0.00	26.62 -0.13 0.00	26.42 -0.11 0.00	29.32 -0.12 0.00	35.34 -0.21 0.00	37.69 -0.08 0.00	38.65 0.00 0.00	35.58 -0.18 0.10	36.14 -0.18 0.14	36.07 -0.22 0.48	36.56 -0.38 0.59	38.90 -0.36 0.34	39.06 -0.32 0.39	39.88 -0.40 0.18	41.53 -0.25 0.00	46.70 -0.33 0.00	50.79 -0.41 0.00	49.79 -0.55 0.00	48.53 -0.49 0.00	42.81 -0.39 0.00	36.81 -0.33 0.00	33.15 -0.40 0.00
BETHLEHEM___GS3 323562	32.66 -0.26 0.00	30.20 -0.24 0.00	27.90 -0.11 0.00	26.62 -0.13 0.00	26.42 -0.11 0.00	29.32 -0.12 0.00	35.34 -0.21 0.00	37.69 -0.08 0.00	38.65 0.00 0.00	35.58 -0.18 0.10	36.14 -0.18 0.14	36.07 -0.22 0.48	36.56 -0.38 0.59	38.90 -0.36 0.34	39.06 -0.32 0.39	39.88 -0.40 0.18	41.53 -0.25 0.00	46.70 -0.33 0.00	50.79 -0.41 0.00	49.79 -0.55 0.00	48.53 -0.49 0.00	42.81 -0.39 0.00	36.81 -0.33 0.00	33.15 -0.40 0.00
BETHLEHEM___STEEL 23779	32.85 -0.07 0.00	31.06 0.61 0.00	28.38 0.36 0.00	27.32 0.56 0.00	26.72 0.19 0.00	29.23 -0.21 0.00	34.49 -1.07 0.00	37.74 -1.32 -1.29	42.67 -1.35 -5.38	35.54 -0.32 0.00	36.21 -0.26 0.00	36.77 0.00 0.00	37.75 0.23 0.00	40.23 0.63 0.00	40.60 0.84 0.00	41.03 0.57 0.00	42.20 0.38 -0.04	47.27 0.14 -0.11	67.30 -0.05 -16.15	65.25 0.15 -14.76	62.98 0.10 -13.86	43.67 0.48 0.00	37.96 0.82 0.00	35.09 1.54 0.00
BETHLHEM_115KV_TB1 79974	33.18 0.26 0.00	30.66 0.21 0.00	28.24 0.22 0.00	26.94 0.19 0.00	26.77 0.24 0.00	29.67 0.24 0.00	35.84 0.28 0.00	38.22 0.45 0.00	39.15 0.50 0.00	36.13 0.32 0.05	36.72 0.33 0.07	36.82 0.29 0.25	37.53 0.30 0.30	39.74 0.32 0.17	39.88 0.32 0.20	40.69 0.32 0.09	42.24 0.46 0.00	47.54 0.52 0.00	51.71 0.51 0.00	50.79 0.45 0.00	49.42 0.39 0.00	43.54 0.35 0.00	37.36 0.22 0.00	33.68 0.13 0.00
BETHPAGE_CC_5 323564	34.17 1.25 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.26 0.82 0.00	36.80 1.24 0.00	39.35 1.59 0.00	40.31 1.66 0.00	37.52 1.51 -0.15	38.79 2.11 -0.21	39.36 1.87 -0.72	40.17 1.76 -0.88	41.33 1.23 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.19 1.42 0.01	48.52 1.50 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.80 0.78 0.01	43.76 0.56 0.00	38.37 1.22 0.00	34.42 0.87 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.89 -0.03 0.00	31.06 0.61 0.00	28.41 0.39 0.00	27.34 0.59 0.00	26.74 0.21 0.00	29.26 -0.18 0.00	34.56 -1.00 0.00	37.77 -1.25 -1.25	42.54 -1.31 -5.21	35.61 -0.25 0.00	36.28 -0.18 0.00	36.84 0.07 0.00	37.87 0.34 0.00	40.35 0.75 0.00	40.68 0.91 0.00	41.15 0.69 0.00	42.28 0.46 -0.04	47.36 0.24 -0.10	66.93 0.05 -15.68	64.91 0.25 -14.32	62.67 0.20 -13.45	43.76 0.56 0.00	38.00 0.85 0.00	35.12 1.58 0.00
BINGHAMTON___COGEN 23790	33.05 0.13 0.00	30.69 0.24 0.00	28.18 0.17 0.00	26.97 0.21 0.00	26.64 0.11 0.00	29.49 0.06 0.00	35.56 0.00 0.00	38.40 0.04 -0.59	39.78 0.08 -1.06	36.56 0.22 -0.49	37.28 0.22 -0.60	37.56 0.29 -0.49	38.43 0.38 -0.53	40.65 0.51 -0.54	40.73 0.52 -0.45	41.47 0.45 -0.57	42.20 0.42 0.00	47.50 0.47 -0.01	53.19 0.46 -1.53	52.29 0.55 -1.39	50.87 0.54 -1.31	43.84 0.43 -0.21	37.82 0.41 -0.27	34.08 0.54 0.00

BIXINCNT_115KV_LOAD 355685	32.72 -0.20 0.00	30.93 0.49 0.00	28.32 0.31 0.00	27.24 0.48 0.00	26.66 0.13 0.00	29.26 -0.18 0.00	34.67 -0.89 0.00	37.60 -1.13 -0.96	41.54 -1.12 -4.01	35.68 -0.18 0.00	36.32 -0.15 0.00	36.84 0.07 0.00	37.83 0.30 0.00	40.35 0.75 0.00	40.60 0.84 0.00	41.11 0.65 0.00	42.27 0.46 -0.03	47.29 0.19 -0.08	63.43 0.00 -12.23	61.76 0.25 -11.17	59.76 0.25 -10.49	43.72 0.52 0.00	37.96 0.82 0.00	35.09 1.54 0.00
BLACK RIVER___HYD 24047	34.57 1.65 0.00	32.00 1.55 0.00	29.47 1.46 0.00	28.15 1.39 0.00	27.88 1.35 0.00	30.94 1.50 0.00	37.55 1.99 0.00	40.66 2.08 -0.82	41.43 1.82 -0.97	38.28 1.58 -0.85	38.89 1.39 -1.04	38.95 1.32 -0.86	39.77 1.31 -0.92	42.04 1.50 -0.94	41.90 1.35 -0.78	42.78 1.33 -0.99	42.91 1.13 0.00	48.48 1.46 0.00	53.45 2.25 0.00	53.11 2.77 0.00	52.02 2.99 0.00	46.20 2.64 -0.37	39.84 2.23 -0.47	35.52 1.98 0.00
BLACKRVR_115KV_TB2 79977	34.57 1.65 0.00	32.00 1.55 0.00	29.47 1.46 0.00	28.15 1.39 0.00	27.88 1.35 0.00	30.94 1.50 0.00	37.51 1.96 0.00	40.67 2.08 -0.82	41.47 1.85 -0.97	38.29 1.58 -0.85	38.89 1.39 -1.04	38.95 1.32 -0.86	39.77 1.31 -0.92	42.04 1.50 -0.94	41.90 1.35 -0.78	42.78 1.34 -0.99	42.91 1.13 0.00	48.43 1.41 0.00	53.40 2.20 0.00	53.06 2.72 0.00	52.01 2.99 0.00	46.20 2.64 -0.37	39.84 2.23 -0.47	35.53 1.98 0.00
BLDWN_LI_69_KV_BK4 356085	34.37 1.45 0.00	31.39 0.94 0.00	28.88 0.87 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.38 0.94 0.00	37.01 1.46 0.00	39.62 1.85 0.00	40.54 1.89 0.00	37.77 1.76 -0.15	39.01 2.33 -0.21	39.62 2.13 -0.72	40.51 2.10 -0.88	41.68 1.58 -0.50	41.97 1.63 -0.57	42.38 1.66 -0.26	43.61 1.84 0.01	48.99 1.98 0.01	52.94 1.74 0.01	51.79 1.46 0.01	50.29 1.27 0.01	44.28 1.08 0.00	38.78 1.63 0.00	34.62 1.07 0.00
BLISS_WT_PWR 323608	32.66 -0.26 0.00	30.96 0.52 0.00	28.26 0.25 0.00	27.24 0.48 0.00	26.61 0.08 0.00	29.23 -0.20 0.00	34.67 -0.89 0.00	37.60 -1.13 -0.96	41.46 -1.20 -4.01	35.83 -0.04 0.00	36.28 -0.18 0.00	36.77 0.00 0.00	37.87 0.34 0.00	40.27 0.67 0.00	40.56 0.79 0.00	41.19 0.73 0.00	42.23 0.42 -0.03	47.25 0.14 -0.08	63.43 0.00 -12.23	61.96 0.45 -11.17	59.71 0.20 -10.49	43.72 0.52 0.00	37.88 0.74 0.00	35.02 1.47 0.00
BLUESTONE___WT_PWR 323821	34.66 1.74 0.00	32.18 1.73 0.00	29.61 1.60 0.00	28.33 1.58 0.00	28.01 1.48 0.00	31.02 1.59 0.00	37.65 2.10 0.00	40.69 2.45 -0.47	41.91 2.44 -0.83	38.60 2.33 -0.41	39.19 2.22 -0.50	39.58 2.32 -0.49	40.55 2.48 -0.55	42.87 2.77 -0.50	42.87 2.66 -0.44	43.57 2.63 -0.49	44.37 2.59 0.00	50.04 3.01 -0.01	55.97 3.58 -1.19	55.20 3.78 -1.08	53.77 3.72 -1.02	46.43 3.07 -0.17	39.92 2.56 -0.21	35.93 2.38 0.00
BLUE_CIRC_CHEM_DRP 24182	33.22 0.30 0.00	30.72 0.27 0.00	28.32 0.31 0.00	27.02 0.27 0.00	26.82 0.29 0.00	29.76 0.32 0.00	35.84 0.28 0.00	38.22 0.45 0.00	39.11 0.46 0.00	36.09 0.29 0.06	36.60 0.22 0.08	36.68 0.18 0.28	37.30 0.11 0.34	39.48 0.08 0.19	39.62 0.08 0.22	40.44 0.08 0.10	41.99 0.21 0.00	47.35 0.33 0.00	51.61 0.41 0.00	50.74 0.40 0.00	49.42 0.39 0.00	43.54 0.35 0.00	37.40 0.26 0.00	33.71 0.17 0.00
BOC_GAS_DRP 24189	33.05 0.13 0.00	30.54 0.09 0.00	28.15 0.14 0.00	26.86 0.11 0.00	26.66 0.13 0.00	29.58 0.15 0.00	35.73 0.18 0.00	38.07 0.30 0.00	39.03 0.39 0.00	36.06 0.25 0.05	36.64 0.26 0.07	36.74 0.22 0.25	37.45 0.23 0.30	39.62 0.20 0.17	39.76 0.20 0.20	40.57 0.20 0.09	42.11 0.33 0.00	47.40 0.38 0.00	51.56 0.36 0.00	50.59 0.25 0.00	49.22 0.20 0.00	43.37 0.17 0.00	37.25 0.11 0.00	33.55 0.00 0.00
BOONVILLE_115KV_TB1 79983	33.87 0.95 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.53 0.78 0.00	27.30 0.77 0.00	30.29 0.85 0.00	36.69 1.14 0.00	39.25 1.25 -0.24	40.09 1.16 -0.29	37.08 0.97 -0.25	37.68 0.91 -0.31	37.91 0.88 -0.25	38.70 0.90 -0.27	40.94 1.07 -0.28	40.99 0.99 -0.23	41.68 0.93 -0.29	42.66 0.88 0.00	48.11 1.08 0.00	52.69 1.48 0.00	52.00 1.66 0.00	50.79 1.76 0.00	44.82 1.51 -0.11	38.54 1.26 -0.14	34.65 1.11 0.00
BORALEX_4TH_BRANCH 23824	34.01 1.09 0.00	31.30 0.85 0.00	28.83 0.81 0.00	27.53 0.78 0.00	27.33 0.80 0.00	30.32 0.88 0.00	36.62 1.07 0.00	39.13 1.36 0.00	40.15 1.51 0.00	36.71 1.11 0.27	37.25 1.17 0.38	36.65 1.14 1.26	37.11 1.13 1.54	39.86 1.15 0.88	39.91 1.15 1.01	41.21 1.21 0.46	43.28 1.50 0.00	48.81 1.79 0.00	53.15 1.95 0.00	52.00 1.66 0.00	50.69 1.67 0.00	44.75 1.56 0.00	38.26 1.11 0.00	34.35 0.81 0.00
BOWLINE___1 23526	33.74 0.82 0.00	31.02 0.58 0.00	28.54 0.53 0.00	27.18 0.43 0.00	27.06 0.53 0.00	30.05 0.62 0.00	36.55 0.99 0.00	39.09 1.32 0.00	40.08 1.43 0.00	37.18 1.18 -0.13	37.93 1.28 -0.19	38.65 1.25 -0.63	39.65 1.35 -0.77	41.39 1.35 -0.44	41.62 1.35 -0.51	42.07 1.38 -0.23	43.49 1.71 0.00	48.81 1.79 0.00	52.74 1.53 0.00	51.65 1.31 0.00	50.25 1.23 0.00	44.19 0.99 0.00	37.96 0.82 0.00	34.12 0.57 0.00
BOWLINE___2 23595	33.74 0.82 0.00	31.00 0.55 0.00	28.54 0.53 0.00	27.18 0.43 0.00	27.06 0.53 0.00	30.05 0.62 0.00	36.55 0.99 0.00	39.05 1.28 0.00	40.08 1.43 0.00	37.18 1.18 -0.13	37.93 1.28 -0.19	38.65 1.25 -0.63	39.65 1.35 -0.77	41.39 1.35 -0.44	41.62 1.35 -0.51	42.07 1.38 -0.23	43.45 1.67 0.00	48.76 1.74 0.00	52.74 1.53 0.00	51.65 1.31 0.00	50.25 1.23 0.00	44.19 0.99 0.00	37.92 0.78 0.00	34.12 0.57 0.00
BRADY___115KV_TB2 356060	34.27 1.35 0.00	31.73 1.28 0.00	29.22 1.20 0.00	27.88 1.12 0.00	27.67 1.14 0.00	30.76 1.32 0.00	37.23 1.67 0.00	39.39 1.62 0.00	40.00 1.35 0.00	37.04 1.18 0.00	37.63 1.17 0.00	37.87 1.10 0.00	38.54 1.01 0.00	40.62 1.03 0.00	40.84 1.07 0.00	41.59 1.13 0.00	42.70 0.92 0.00	48.06 1.03 0.00	52.53 1.33 0.00	51.90 1.56 0.00	50.74 1.72 0.00	44.93 1.73 0.00	38.74 1.60 0.00	35.06 1.51 0.00
BRANSCOMB___SOLAR 323811	33.91 0.99 0.00	31.30 0.85 0.00	28.83 0.81 0.00	27.50 0.75 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.55 0.99 0.00	38.97 1.21 0.00	39.88 1.24 0.00	36.59 0.86 0.13	36.93 0.66 0.19	36.73 0.59 0.62	37.33 0.56 0.77	39.63 0.48 0.44	39.70 0.44 0.50	40.76 0.52 0.23	42.49 0.71 0.00	48.11 1.08 0.00	52.74 1.53 0.00	51.90 1.56 0.00	50.69 1.67 0.00	44.58 1.38 0.00	38.26 1.11 0.00	34.42 0.87 0.00
BRDGHMPT_69_KV_BK1 55812	34.07 1.15 0.00	31.06 0.61 0.00	28.60 0.59 0.00	27.05 0.29 0.00	26.98 0.45 0.00	30.02 0.59 0.00	36.37 0.82 0.00	39.05 1.28 0.00	40.00 1.35 0.00	37.23 1.22 -0.15	38.75 2.08 -0.21	39.25 1.76 -0.72	40.10 1.69 -0.88	41.09 0.99 -0.50	41.37 1.03 -0.57	41.81 1.09 -0.26	42.98 1.21 0.01	48.66 1.65 0.01	52.58 1.38 0.01	51.29 0.96 0.01	49.80 0.78 0.01	43.80 0.60 0.00	38.26 1.11 0.00	34.25 0.70 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	34.43 1.51 0.00	31.45 1.00 0.00	28.94 0.92 0.00	27.42 0.67 0.00	27.30 0.77 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.73 1.96 0.00	40.62 1.97 0.00	37.81 1.79 -0.15	39.19 2.52 -0.21	39.69 2.21 -0.72	40.51 2.10 -0.88	41.56 1.46 -0.50	41.77 1.43 -0.57	42.22 1.50 -0.26	43.32 1.55 0.01	48.80 1.79 0.01	52.78 1.59 0.01	51.59 1.26 0.01	50.14 1.13 0.01	44.11 0.91 0.00	38.89 1.75 0.00	34.65 1.11 0.00
BRISTLHL_115KV_TB1 79998	32.39 -0.53 0.00	30.02 -0.43 0.00	27.59 -0.42 0.00	26.38 -0.37 0.00	26.10 -0.42 0.00	28.93 -0.50 0.00	34.88 -0.68 0.00	38.93 -0.76 -1.92	40.17 -0.73 -2.26	37.19 -0.65 -1.97	38.27 -0.62 -2.43	38.15 -0.63 -2.00	39.08 -0.60 -2.16	41.24 -0.55 -2.20	41.04 -0.56 -1.83	42.11 -0.65 -2.30	41.11 -0.67 0.00	46.27 -0.75 0.00	50.43 -0.77 0.00	49.69 -0.65 0.00	48.39 -0.64 0.00	43.46 -0.60 -0.86	37.72 -0.52 -1.10	33.11 -0.44 0.00
BROOKHAVEN___DRP 24191	33.91 0.99 0.00	30.93 0.49 0.00	28.49 0.48 0.00	26.97 0.21 0.00	26.90 0.37 0.00	29.94 0.50 0.00	36.41 0.85 0.00	39.05 1.28 0.00	39.92 1.28 0.00	37.12 1.11 -0.15	38.54 1.86 -0.21	39.07 1.58 -0.72	39.91 1.50 -0.88	40.89 0.79 -0.50	41.13 0.80 -0.57	41.57 0.85 -0.26	42.69 0.92 0.01	48.24 1.22 0.01	52.17 0.97 0.01	50.94 0.60 0.01	49.51 0.49 0.01	43.59 0.39 0.00	38.22 1.08 0.00	34.08 0.54 0.00
BROOKLYN_NAVY_YARD 23515	34.04 1.12 0.00	31.24 0.79 0.00	28.74 0.73 0.00	27.34 0.59 0.00	27.25 0.72 0.00	30.29 0.85 0.00	36.94 1.39 0.00	39.62 1.85 0.00	40.65 2.01 0.00	37.73 1.72 -0.15	38.53 1.86 -0.21	39.32 1.84 -0.71	40.32 1.91 -0.88	42.00 1.90 -0.50	42.24 1.91 -0.57	42.70 1.98 -0.26	44.16 2.38 0.00	49.47 2.44 0.00	53.35 2.15 0.00	52.15 1.81 0.00	50.59 1.57 0.00	44.49 1.29 0.00	38.33 1.19 0.00	34.42 0.87 0.00
BROOKLYN___ARMY_DRP 323595	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
BROOME_2_LFGE 323671	33.05 0.13 0.00	30.72 0.27 0.00	28.18 0.17 0.00	26.97 0.21 0.00	26.64 0.11 0.00	29.49 0.06 0.00	35.56 0.00 0.00	38.40 0.04 -0.59	39.74 0.04 -1.06	36.60 0.25 -0.49	37.28 0.22 -0.60	37.55 0.29 -0.49	38.43 0.38 -0.53	40.65 0.51 -0.54	40.73 0.52 -0.45	41.47 0.45 -0.57	42.24 0.46 0.00	47.50 0.47 -0.01	53.13 0.41 -1.53	52.29 0.55 -1.39	50.87 0.54 -1.31	43.89 0.48 -0.21	37.82 0.41 -0.27	34.08 0.54 0.00
BROOME___LFGE 323600	33.05 0.13 0.00	30.72 0.27 0.00	28.18 0.17 0.00	26.97 0.21 0.00	26.64 0.11 0.00	29.49 0.06 0.00	35.56 0.00 0.00	38.40 0.04 -0.59	39.74 0.04 -1.06	36.60 0.25 -0.49	37.28 0.22 -0.60	37.55 0.29 -0.49	38.43 0.38 -0.53	40.65 0.51 -0.54	40.73 0.52 -0.45	41.47 0.45 -0.57	42.24 0.46 0.00	47.50 0.47 -0.01	53.13 0.41 -1.53	52.29 0.55 -1.39	50.87 0.54 -1.31	43.89 0.48 -0.21	37.82 0.41 -0.27	34.08 0.54 0.00
BROWNFLS_115KV_TB 3_5 80003	34.24 1.32 0.00	31.66 1.22 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.62 1.09 0.00	30.67 1.24 0.00	37.19 1.64 0.00	39.77 1.66 -0.35	40.52 1.47 -0.41	37.47 1.26 -0.36	38.10 1.20 -0.44	38.27 1.14 -0.36	39.01 1.09 -0.39	41.14 1.15 -0.40	41.25 1.15 -0.33	42.05 1.17 -0.42	42.61 0.84 0.00	47.92 0.89 0.00	52.48 1.28 0.00	51.90 1.56 0.00	50.79 1.76 0.00	45.17 1.81 -0.16	39.01 1.67 -0.20	35.09 1.54 0.00
BROWNSV1_27_KV_LOAD 356125	34.34 1.42 0.00	31.51 1.07 0.00	28.99 0.98 0.00	27.59 0.83 0.00	27.48 0.96 0.00	30.55 1.12 0.00	37.26 1.71 0.00	39.92 2.15 0.00	40.96 2.32 0.00	38.06 2.04 -0.15	38.90 2.22 -0.21	39.69 2.21 -0.71	40.73 2.33 -0.88	42.43 2.34 -0.50	42.68 2.35 -0.57	43.15 2.43 -0.26	44.66 2.88 0.00	49.94 2.92 0.00	53.97 2.76 0.00	52.81 2.47 0.00	51.08 2.06 0.00	45.01 1.81 0.00	38.66 1.52 0.00	34.75 1.21 0.00
BURROWS___LYONSDAL 23803	33.97 1.05 0.00	31.39 0.94 0.00	28.91 0.90 0.00	27.61 0.86 0.00	27.38 0.85 0.00	30.38 0.94 0.00	36.80 1.24 0.00	39.42 1.36 -0.29	40.23 1.24 -0.34	37.20 1.04 -0.30	37.82 0.98 -0.37	37.99 0.92 -0.30	38.80 0.94 -0.33	41.00 1.07 -0.34	41.08 1.03 -0.28	41.78 0.97 -0.35	42.66 0.88 0.00	48.11 1.08 0.00	52.74 1.54 0.00	52.10 1.76 0.00	50.89 1.86 0.00	44.97 1.64 -0.13	38.68 1.37 -0.17	34.79 1.24 0.00
CAITHNESS_CC_1 323624	33.94 1.02 0.00	30.93 0.49 0.00	28.52 0.50 0.00	27.02 0.27 0.00	26.93 0.40 0.00	29.97 0.53 0.00	36.44 0.89 0.00	39.09 1.32 0.00	40.00 1.35 0.00	37.16 1.15 -0.15	38.57 1.89 -0.21	39.10 1.62 -0.72	39.87 1.46 -0.88	40.89 0.79 -0.50	41.17 0.84 -0.57	41.45 0.73 -0.26	42.73 0.96 0.01	48.24 1.22 0.01	52.01 0.82 0.01	50.79 0.45 0.01	49.46 0.44 0.01	43.46 0.26 0.00	38.11 0.96 0.00	34.12 0.57 0.00
CALPINE BETH_PAGE_GT4 24209	34.24 1.32 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.32 0.56 0.00	27.22 0.69 0.00	30.29 0.85 0.00	36.91 1.35 0.00	39.39 1.62 0.00	40.31 1.66 0.00	37.55 1.54 -0.15	38.79 2.11 -0.21	39.36 1.88 -0.72	40.25 1.84 -0.88	41.40 1.31 -0.50	41.65 1.31 -0.57	42.10 1.38 -0.26	43.28 1.50 0.01	48.62 1.60 0.01	52.53 1.33 0.01	51.34 1.01 0.01	49.90 0.88 0.01	43.93 0.73 0.00	38.63 1.49 0.00	34.49 0.94 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.24 1.32 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.32 0.56 0.00	27.22 0.69 0.00	30.29 0.85 0.00	36.87 1.32 0.00	39.39 1.62 0.00	40.34 1.70 0.00	37.52 1.51 -0.15	38.79 2.11 -0.21	39.36 1.87 -0.72	40.21 1.80 -0.88	41.40 1.30 -0.50	41.69 1.35 -0.57	41.93 1.21 -0.26	43.23 1.46 0.01	48.62 1.60 0.01	52.48 1.28 0.01	51.29 0.95 0.01	49.85 0.83 0.01	43.80 0.60 0.00	38.41 1.26 0.00	34.48 0.94 0.00
CALPINE_BP_GT1 23823	34.24 1.32 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.32 0.56 0.00	27.22 0.69 0.00	30.29 0.85 0.00	36.87 1.32 0.00	39.39 1.62 0.00	40.34 1.70 0.00	37.52 1.51 -0.15	38.79 2.11 -0.21	39.36 1.87 -0.72	40.21 1.80 -0.88	41.40 1.30 -0.50	41.69 1.35 -0.57	41.93 1.21 -0.26	43.23 1.46 0.01	48.62 1.60 0.01	52.48 1.28 0.01	51.29 0.95 0.01	49.85 0.83 0.01	43.80 0.60 0.00	38.41 1.26 0.00	34.48 0.94 0.00
CALSPAN___DRP 24200	32.85 -0.07 0.00	31.06 0.61 0.00	28.38 0.36 0.00	27.32 0.56 0.00	26.72 0.19 0.00	29.23 -0.21 0.00	34.49 -1.07 0.00	37.74 -1.32 -1.29	42.67 -1.35 -5.38	35.54 -0.32 0.00	36.21 -0.26 0.00	36.77 0.00 0.00	37.75 0.23 0.00	40.23 0.63 0.00	40.60 0.84 0.00	41.03 0.57 0.00	42.20 0.38 -0.04	47.27 0.14 -0.11	67.30 -0.05 -16.15	65.25 0.15 -14.76	62.98 0.10 -13.86	43.67 0.48 0.00	37.96 0.82 0.00	35.09 1.54 0.00

CALVERTON___SOLAR 323806	33.91 0.99 0.00	30.90 0.46 0.00	28.49 0.48 0.00	26.97 0.21 0.00	26.87 0.34 0.00	29.90 0.47 0.00	36.37 0.82 0.00	39.01 1.24 0.00	39.96 1.31 0.00	37.09 1.07 -0.15	38.53 1.86 -0.21	39.03 1.54 -0.72	39.83 1.43 -0.88	40.85 0.75 -0.50	41.13 0.79 -0.57	41.41 0.69 -0.26	42.73 0.96 0.01	48.29 1.27 0.01	52.01 0.82 0.01	50.84 0.50 0.01	49.46 0.44 0.01	43.50 0.30 0.00	38.07 0.93 0.00	34.08 0.54 0.00
CANDIGU_WT_PWR 323617	32.99 0.07 0.00	30.96 0.52 0.00	28.29 0.28 0.00	27.21 0.45 0.00	26.72 0.19 0.00	29.43 0.00 0.00	35.20 -0.36 0.00	38.05 -0.49 -0.78	40.46 -0.58 -2.39	36.22 0.07 -0.29	36.82 0.00 -0.36	37.14 0.07 -0.29	38.11 0.26 -0.32	40.35 0.44 -0.32	40.47 0.44 -0.27	41.20 0.40 -0.34	42.09 0.29 -0.02	47.35 0.28 -0.04	57.62 0.21 -6.21	56.67 0.65 -5.67	54.89 0.54 -5.33	43.97 0.65 -0.13	38.01 0.70 -0.16	34.65 1.11 0.00
CARR STREET_E_SYR 24060	32.56 -0.36 0.00	30.17 -0.27 0.00	27.71 -0.31 0.00	26.51 -0.24 0.00	26.24 -0.29 0.00	29.05 -0.38 0.00	35.06 -0.50 0.00	37.80 -0.57 -0.60	38.81 -0.54 -0.70	36.11 -0.36 -0.61	36.85 -0.36 -0.75	37.06 -0.33 -0.62	37.90 -0.30 -0.67	40.04 -0.24 -0.68	40.09 -0.24 -0.57	40.73 -0.44 -0.71	41.28 -0.50 0.00	46.46 -0.56 0.00	50.69 -0.51 0.00	49.94 -0.40 0.00	48.53 -0.49 0.00	42.99 -0.47 -0.27	37.15 -0.33 -0.34	33.31 -0.23 0.00
CARTHAGE___PAPER 23857	34.47 1.55 0.00	31.88 1.43 0.00	29.36 1.34 0.00	28.04 1.28 0.00	27.80 1.27 0.00	30.85 1.41 0.00	37.44 1.88 0.00	40.42 1.96 -0.70	41.16 1.70 -0.82	38.05 1.47 -0.72	38.62 1.28 -0.88	38.71 1.21 -0.73	39.47 1.16 -0.78	41.74 1.35 -0.80	41.70 1.27 -0.66	42.55 1.26 -0.83	42.78 1.00 0.00	48.29 1.27 0.00	53.20 1.99 0.00	52.76 2.42 0.00	51.67 2.65 0.00	45.93 2.42 -0.31	39.62 2.08 -0.40	35.39 1.84 0.00
CASSADAGA_WT_PWR 323784	33.32 0.40 0.00	31.60 1.16 0.00	28.77 0.76 0.00	27.75 0.99 0.00	27.11 0.58 0.00	29.76 0.32 0.00	35.59 0.04 0.00	38.70 -0.19 -1.12	43.05 -0.27 -4.68	36.76 0.90 0.00	37.23 0.77 0.00	37.72 0.95 0.00	38.81 1.28 0.00	41.26 1.66 0.00	41.55 1.79 0.00	42.24 1.78 0.00	43.19 1.38 -0.04	48.06 0.94 -0.09	66.53 0.82 -14.52	64.96 1.36 -13.26	62.55 1.08 -12.45	44.49 1.29 0.00	38.55 1.41 0.00	35.59 2.05 0.00
CE_DUNWOOD___DRP 24194	33.94 1.02 0.00	31.18 0.73 0.00	28.69 0.67 0.00	27.32 0.56 0.00	27.19 0.66 0.00	30.20 0.77 0.00	36.76 1.21 0.00	39.31 1.55 0.00	40.35 1.70 0.00	37.48 1.47 -0.15	38.28 1.60 -0.21	39.02 1.54 -0.71	40.05 1.65 -0.87	41.71 1.62 -0.50	41.96 1.63 -0.57	42.42 1.70 -0.26	43.83 2.05 0.00	49.14 2.12 0.00	53.15 1.95 0.00	52.05 1.71 0.00	50.50 1.47 0.00	44.45 1.25 0.00	38.18 1.04 0.00	34.28 0.74 0.00
CE_MILLWOOD___DRP 24193	33.87 0.95 0.00	31.12 0.67 0.00	28.63 0.62 0.00	27.29 0.54 0.00	27.14 0.61 0.00	30.17 0.74 0.00	36.69 1.14 0.00	39.24 1.47 0.00	40.23 1.58 0.00	37.37 1.36 -0.15	38.16 1.49 -0.21	38.90 1.43 -0.70	39.92 1.54 -0.85	41.63 1.54 -0.49	41.83 1.51 -0.56	42.33 1.62 -0.25	43.70 1.92 0.00	49.00 1.98 0.00	53.04 1.84 0.00	51.95 1.61 0.00	50.40 1.37 0.00	44.36 1.17 0.00	38.11 0.97 0.00	34.22 0.67 0.00
CE_NYC2_DRP 24202	34.24 1.32 0.00	31.45 1.00 0.00	28.94 0.92 0.00	27.50 0.75 0.00	27.38 0.85 0.00	30.35 0.91 0.00	36.98 1.42 0.00	39.62 1.85 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	38.64 1.97 -0.21	39.47 1.99 -0.71	40.51 2.10 -0.88	42.20 2.10 -0.50	42.44 2.11 -0.57	42.95 2.23 -0.26	44.41 2.63 0.00	49.70 2.68 0.00	53.56 2.36 0.00	52.35 2.01 0.00	50.50 1.47 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.62 1.07 0.00
CE_NYC_DRP 24195	34.11 1.19 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.42 0.67 0.00	27.33 0.80 0.00	30.38 0.94 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.73 2.09 0.00	37.81 1.79 -0.15	38.64 1.97 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.87 2.14 -0.26	44.33 2.55 0.00	49.61 2.59 0.00	53.56 2.36 0.00	52.40 2.06 0.00	50.74 1.72 0.00	44.71 1.51 0.00	38.40 1.26 0.00	34.49 0.94 0.00
CHAFFEE___LFGE 323603	32.92 0.00 0.00	31.18 0.73 0.00	28.43 0.42 0.00	27.40 0.64 0.00	26.74 0.21 0.00	29.29 -0.15 0.00	34.67 -0.89 0.00	37.68 -1.21 -1.12	42.01 -1.31 -4.68	35.83 -0.04 0.00	36.32 -0.15 0.00	36.88 0.11 0.00	38.02 0.49 0.00	40.43 0.83 0.00	40.76 0.99 0.00	41.39 0.93 0.00	42.36 0.54 -0.04	47.45 0.33 -0.09	65.54 0.21 -14.14	63.91 0.65 -12.91	61.45 0.30 -12.13	43.89 0.69 0.00	38.03 0.89 0.00	35.16 1.61 0.00
CHATEAUG_35_KV_LOAD 355732	33.61 0.69 0.00	31.09 0.64 0.00	28.60 0.59 0.00	27.32 0.56 0.00	27.11 0.58 0.00	30.14 0.71 0.00	36.48 0.92 0.00	38.63 0.87 0.00	39.38 0.73 0.00	36.54 0.68 0.00	37.15 0.69 0.00	37.43 0.66 0.00	38.09 0.56 0.00	40.15 0.55 0.00	40.36 0.60 0.00	41.11 0.65 0.00	42.32 0.54 0.00	47.78 0.75 0.00	52.02 0.82 0.00	51.30 0.96 0.00	50.00 0.98 0.00	44.19 0.99 0.00	38.03 0.89 0.00	34.38 0.84 0.00
CHATEAUG_WT_PWR 323614	33.64 0.72 0.00	31.15 0.70 0.00	28.63 0.62 0.00	27.37 0.62 0.00	27.16 0.64 0.00	30.17 0.74 0.00	36.52 0.96 0.00	38.75 0.98 0.00	39.53 0.89 0.00	36.69 0.83 0.00	37.30 0.84 0.00	37.62 0.85 0.00	38.28 0.75 0.00	40.34 0.75 0.00	40.56 0.79 0.00	41.27 0.81 0.00	42.41 0.63 0.00	47.77 0.75 0.00	52.02 0.82 0.00	51.20 0.85 0.00	49.95 0.93 0.00	44.11 0.91 0.00	37.96 0.82 0.00	34.35 0.80 0.00
CHAT_HIGH_FALL_HYD 323578	33.61 0.69 0.00	31.09 0.64 0.00	28.60 0.59 0.00	27.32 0.56 0.00	27.11 0.58 0.00	30.14 0.71 0.00	36.48 0.92 0.00	38.63 0.87 0.00	39.38 0.73 0.00	36.54 0.68 0.00	37.15 0.69 0.00	37.43 0.66 0.00	38.09 0.56 0.00	40.15 0.55 0.00	40.36 0.60 0.00	41.11 0.65 0.00	42.32 0.54 0.00	47.78 0.75 0.00	52.02 0.82 0.00	51.30 0.96 0.00	50.00 0.98 0.00	44.19 0.99 0.00	38.03 0.89 0.00	34.38 0.84 0.00
CHAUTAUQUA___LFGE 323629	33.15 0.23 0.00	31.42 0.97 0.00	28.63 0.62 0.00	27.61 0.86 0.00	26.98 0.45 0.00	29.58 0.15 0.00	35.06 -0.50 0.00	38.32 -0.76 -1.31	43.22 -0.89 -5.46	36.18 0.32 0.00	36.64 0.18 0.00	37.17 0.41 0.00	38.28 0.75 0.00	40.66 1.07 0.00	40.95 1.19 0.00	41.59 1.13 0.00	42.61 0.79 -0.04	47.79 0.66 -0.11	67.94 0.51 -16.23	66.23 1.06 -14.83	63.73 0.78 -13.92	44.23 1.04 0.00	38.33 1.19 0.00	35.39 1.84 0.00
CHERRYST_13_KV_LD 356241	34.20 1.28 0.00	31.39 0.94 0.00	28.88 0.87 0.00	27.50 0.75 0.00	27.38 0.85 0.00	30.46 1.03 0.00	37.16 1.60 0.00	39.80 2.04 0.00	40.89 2.24 0.00	37.98 1.97 -0.15	38.79 2.11 -0.21	39.58 2.10 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.56 2.23 -0.57	43.03 2.31 -0.26	44.49 2.72 0.00	49.80 2.77 0.00	53.76 2.56 0.00	52.56 2.21 0.00	50.89 1.86 0.00	44.80 1.60 0.00	38.48 1.34 0.00	34.59 1.04 0.00

CHESTROR_138KV_BK263 355645	33.55 0.63 0.00	30.90 0.46 0.00	28.43 0.42 0.00	27.10 0.35 0.00	26.93 0.40 0.00	29.91 0.47 0.00	36.34 0.78 0.00	38.79 1.02 0.00	39.73 1.08 0.00	36.91 0.93 -0.11	37.54 0.91 -0.16	38.23 0.92 -0.54	39.21 1.01 -0.66	41.00 1.03 -0.38	41.19 0.99 -0.43	41.75 1.09 -0.20	43.12 1.34 0.00	48.43 1.41 0.00	52.48 1.28 0.00	51.50 1.16 0.00	50.00 0.98 0.00	43.98 0.78 0.00	37.77 0.63 0.00	34.02 0.47 0.00
CH_MIDHUDSON___DRP 24192	33.78 0.86 0.00	31.06 0.61 0.00	28.60 0.59 0.00	27.26 0.51 0.00	27.11 0.58 0.00	30.11 0.68 0.00	36.59 1.03 0.00	39.05 1.28 0.00	40.04 1.39 0.00	37.16 1.18 -0.11	37.78 1.17 -0.16	38.43 1.14 -0.52	39.45 1.28 -0.64	41.27 1.31 -0.37	41.45 1.27 -0.42	42.03 1.38 -0.19	43.45 1.67 0.00	48.81 1.79 0.00	52.94 1.74 0.00	51.85 1.51 0.00	50.35 1.32 0.00	44.32 1.12 0.00	38.00 0.85 0.00	34.15 0.60 0.00
CH_MISC_IPPS 23765	33.94 1.02 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.25 0.72 0.00	30.23 0.80 0.00	36.73 1.17 0.00	39.24 1.47 0.00	40.23 1.59 0.00	37.27 1.29 -0.12	37.90 1.28 -0.17	38.58 1.25 -0.56	39.64 1.43 -0.69	41.45 1.47 -0.39	41.68 1.47 -0.45	42.20 1.54 -0.20	43.62 1.84 0.00	49.04 2.02 0.00	53.15 1.95 0.00	52.10 1.76 0.00	50.64 1.62 0.00	44.49 1.29 0.00	38.18 1.04 0.00	34.32 0.77 0.00
CH_RES_BVR_FALLS 23983	32.95 0.03 0.00	30.51 0.06 0.00	28.07 0.06 0.00	26.81 0.05 0.00	26.61 0.08 0.00	29.55 0.12 0.00	35.70 0.14 0.00	37.92 0.15 0.00	38.76 0.12 0.00	35.97 0.11 0.00	36.57 0.11 0.00	36.88 0.11 0.00	37.60 0.08 0.00	39.67 0.08 0.00	39.84 0.08 0.00	40.54 0.08 0.00	41.82 0.04 0.00	47.07 0.05 0.00	51.25 0.05 0.00	50.34 0.00 0.00	49.02 0.00 0.00	43.24 0.04 0.00	37.22 0.07 0.00	33.65 0.10 0.00
CH_RES_NIAGARA 23895	31.93 -0.99 0.00	30.20 -0.24 0.00	27.62 -0.39 0.00	27.08 0.32 0.00	25.97 -0.56 0.00	28.38 -1.06 0.00	33.42 -2.13 0.00	35.11 -2.53 0.13	35.48 -2.63 0.54	34.43 -1.43 0.00	35.08 -1.39 0.00	35.63 -1.14 0.00	36.59 -0.94 0.00	38.96 -0.63 0.00	39.32 -0.44 0.00	39.69 -0.77 0.00	40.73 -1.04 0.00	45.56 -1.46 0.01	47.71 -1.84 1.65	47.23 -1.61 1.50	46.04 -1.57 1.41	42.38 -0.82 0.00	36.92 -0.22 0.00	34.08 0.54 0.00
CH_RES_SYRACUSE 23985	32.72 -0.20 0.00	30.33 -0.12 0.00	27.85 -0.17 0.00	26.65 -0.11 0.00	26.34 -0.18 0.00	29.23 -0.20 0.00	35.24 -0.32 0.00	38.50 -0.34 -1.07	39.60 -0.31 -1.26	36.78 -0.18 -1.10	37.63 -0.18 -1.35	37.74 -0.15 -1.12	38.62 -0.11 -1.20	40.78 -0.04 -1.23	40.70 -0.08 -1.02	41.58 -0.16 -1.28	41.57 -0.21 0.00	46.84 -0.19 0.00	51.05 -0.15 0.00	50.34 0.00 0.00	48.98 -0.05 0.00	43.55 -0.13 -0.48	37.64 -0.11 -0.61	33.51 -0.03 0.00
CLINTON_WT_PWR 323605	33.64 0.72 0.00	31.15 0.70 0.00	28.63 0.62 0.00	27.37 0.62 0.00	27.16 0.64 0.00	30.17 0.74 0.00	36.52 0.96 0.00	38.75 0.98 0.00	39.53 0.89 0.00	36.69 0.83 0.00	37.30 0.84 0.00	37.62 0.85 0.00	38.28 0.75 0.00	40.34 0.75 0.00	40.56 0.79 0.00	41.27 0.81 0.00	42.41 0.63 0.00	47.77 0.75 0.00	52.02 0.82 0.00	51.20 0.85 0.00	49.95 0.93 0.00	44.11 0.91 0.00	37.96 0.82 0.00	34.35 0.80 0.00
CLINTON___LFGE 323618	34.40 1.48 0.00	31.85 1.40 0.00	29.30 1.29 0.00	27.99 1.23 0.00	27.78 1.25 0.00	30.88 1.44 0.00	37.40 1.85 0.00	39.69 1.92 0.00	40.42 1.78 0.00	37.51 1.65 0.00	38.14 1.68 0.00	38.46 1.69 0.00	39.10 1.58 0.00	41.22 1.62 0.00	41.47 1.71 0.00	42.20 1.74 0.00	42.99 1.21 0.00	48.57 1.55 0.00	52.84 1.64 0.00	52.05 1.71 0.00	50.79 1.76 0.00	44.84 1.64 0.00	38.59 1.45 0.00	34.89 1.34 0.00
COBBLENY_34_KV_TB1 80064	32.92 0.00 0.00	31.09 0.64 0.00	28.43 0.42 0.00	27.34 0.59 0.00	26.74 0.21 0.00	29.29 -0.15 0.00	34.60 -0.96 0.00	37.68 -1.21 -1.12	42.05 -1.28 -4.68	35.65 -0.22 0.00	36.32 -0.15 0.00	36.88 0.11 0.00	37.90 0.38 0.00	40.39 0.79 0.00	40.76 0.99 0.00	41.23 0.77 0.00	42.36 0.54 -0.04	47.45 0.33 -0.09	65.49 0.15 -14.14	63.56 0.30 -12.91	61.45 0.29 -12.13	43.80 0.60 0.00	38.07 0.93 0.00	35.16 1.61 0.00
COFFEEN___115KV_TB3 355620	34.76 1.84 0.00	32.15 1.71 0.00	29.61 1.60 0.00	28.31 1.55 0.00	28.04 1.51 0.00	31.08 1.65 0.00	37.72 2.17 0.00	40.88 2.27 -0.85	41.65 2.01 -1.00	38.45 1.72 -0.87	39.06 1.53 -1.07	39.12 1.47 -0.88	39.90 1.43 -0.95	42.23 1.66 -0.97	42.04 1.47 -0.81	42.93 1.46 -1.01	43.03 1.25 0.00	48.67 1.65 0.00	53.71 2.51 0.00	53.41 3.07 0.00	52.41 3.38 0.00	46.52 2.94 -0.38	40.11 2.49 -0.48	35.76 2.21 0.00
COLDSPRG_115KV_BK1 355956	33.38 0.46 0.00	31.51 1.07 0.00	28.80 0.78 0.00	27.72 0.96 0.00	27.14 0.61 0.00	29.82 0.38 0.00	35.73 0.18 0.00	38.68 0.04 -0.88	42.29 0.00 -3.65	36.83 0.97 0.00	37.41 0.95 0.00	37.95 1.18 0.00	38.99 1.46 0.00	41.49 1.90 0.00	41.83 2.07 0.00	42.36 1.90 0.00	43.44 1.63 -0.03	48.23 1.13 -0.08	63.93 0.92 -11.81	62.34 1.21 -10.79	60.38 1.23 -10.13	44.54 1.34 0.00	38.63 1.49 0.00	35.66 2.11 0.00
COLONIE_LFGE___ 323577	33.64 0.72 0.00	31.00 0.55 0.00	28.57 0.56 0.00	27.29 0.53 0.00	27.09 0.56 0.00	30.05 0.62 0.00	36.23 0.67 0.00	38.71 0.94 0.00	39.65 1.00 0.00	36.42 0.72 0.16	36.93 0.69 0.22	36.65 0.62 0.74	37.22 0.60 0.91	39.70 0.63 0.52	39.80 0.63 0.59	40.83 0.65 0.27	42.66 0.88 0.00	48.11 1.08 0.00	52.43 1.23 0.00	51.45 1.11 0.00	50.10 1.08 0.00	44.15 0.95 0.00	37.88 0.74 0.00	34.05 0.50 0.00
COOPERNY_115KV_TB1 80082	33.38 0.46 0.00	30.78 0.33 0.00	28.32 0.31 0.00	27.00 0.24 0.00	26.82 0.29 0.00	29.79 0.35 0.00	36.12 0.57 0.00	38.52 0.76 0.00	39.46 0.81 0.00	36.66 0.72 -0.08	37.27 0.69 -0.11	37.84 0.70 -0.37	38.77 0.79 -0.46	40.65 0.79 -0.26	40.86 0.80 -0.30	41.45 0.85 -0.14	42.82 1.04 0.00	48.11 1.08 0.00	52.17 0.97 0.00	51.25 0.91 0.00	49.81 0.78 0.00	43.80 0.60 0.00	37.62 0.48 0.00	33.92 0.37 0.00
COPENHAGEN_WT_PWR 323753	34.37 1.45 0.00	31.79 1.34 0.00	29.27 1.26 0.00	27.99 1.23 0.00	27.72 1.19 0.00	30.73 1.29 0.00	37.30 1.74 0.00	40.43 1.78 -0.89	41.27 1.59 -1.04	38.13 1.36 -0.91	38.78 1.20 -1.12	38.83 1.14 -0.92	39.65 1.12 -0.99	41.91 1.30 -1.02	41.76 1.15 -0.84	42.65 1.13 -1.06	42.70 0.92 0.00	48.20 1.18 0.00	53.15 1.95 0.00	52.76 2.42 0.00	51.67 2.65 0.00	45.93 2.33 -0.40	39.62 1.97 -0.51	35.29 1.74 0.00
CORNELL_____ 23752	33.32 0.40 0.00	30.87 0.43 0.00	28.35 0.34 0.00	27.13 0.37 0.00	26.82 0.29 0.00	29.73 0.29 0.00	35.88 0.32 0.00	38.85 0.34 -0.74	40.17 0.35 -1.18	36.84 0.32 -0.66	37.56 0.29 -0.81	37.77 0.33 -0.67	38.66 0.41 -0.72	40.88 0.55 -0.73	40.89 0.52 -0.61	41.67 0.45 -0.77	42.28 0.50 0.00	47.69 0.66 -0.01	53.36 0.87 -1.28	52.57 1.06 -1.17	51.16 1.03 -1.10	44.31 0.82 -0.29	38.21 0.71 -0.37	34.25 0.70 0.00

CORONAAV_69_KV_TB1 355595	34.34 1.42 0.00	31.42 0.97 0.00	28.88 0.87 0.00	27.42 0.67 0.00	27.33 0.80 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.69 1.93 0.00	40.62 1.97 0.00	37.81 1.79 -0.15	39.01 2.33 -0.21	39.65 2.17 -0.72	40.55 2.14 -0.88	41.80 1.70 -0.50	42.08 1.75 -0.57	42.50 1.78 -0.26	43.74 1.96 0.01	49.13 2.12 0.01	53.09 1.89 0.01	51.95 1.61 0.01	50.44 1.42 0.01	44.41 1.21 0.00	38.74 1.60 0.00	34.55 1.01 0.00
CORTLAND_115KV_TB3 80093	33.12 0.20 0.00	30.69 0.24 0.00	28.18 0.17 0.00	26.97 0.21 0.00	26.66 0.13 0.00	29.58 0.15 0.00	35.70 0.14 0.00	38.60 0.19 -0.64	39.59 0.19 -0.76	36.74 0.22 -0.66	37.49 0.22 -0.81	37.66 0.22 -0.67	38.55 0.30 -0.72	40.72 0.40 -0.74	40.77 0.40 -0.61	41.55 0.32 -0.77	42.11 0.33 0.00	47.45 0.42 0.00	51.71 0.51 0.00	51.00 0.65 0.00	49.66 0.64 0.00	43.96 0.48 -0.29	37.92 0.41 -0.37	33.98 0.44 0.00
COXSACKIE___GT 23611	33.97 1.05 0.00	31.36 0.91 0.00	28.94 0.92 0.00	27.64 0.88 0.00	27.40 0.87 0.00	30.40 0.97 0.00	36.66 1.10 0.00	39.09 1.32 0.00	39.80 1.16 0.00	36.79 0.97 0.04	37.02 0.62 0.06	37.13 0.55 0.19	37.93 0.64 0.24	40.17 0.71 0.14	40.36 0.75 0.16	41.24 0.85 0.07	42.57 0.79 0.00	48.24 1.22 0.00	52.94 1.74 0.00	52.25 1.91 0.00	50.84 1.81 0.00	44.67 1.47 0.00	38.29 1.15 0.00	34.52 0.97 0.00
CPV_VALLEY___CC1 323721	33.38 0.46 0.00	30.72 0.27 0.00	28.26 0.25 0.00	26.94 0.19 0.00	26.79 0.27 0.00	29.76 0.32 0.00	36.12 0.57 0.00	38.52 0.76 0.00	39.49 0.85 0.00	36.64 0.68 -0.10	37.33 0.73 -0.14	37.93 0.70 -0.46	38.89 0.79 -0.57	40.71 0.79 -0.33	40.89 0.75 -0.37	41.44 0.81 -0.17	42.82 1.04 0.00	48.11 1.08 0.00	52.07 0.87 0.00	51.10 0.76 0.00	49.71 0.69 0.00	43.72 0.52 0.00	37.51 0.37 0.00	33.81 0.27 0.00
CPV_VALLEY___CC2 323722	33.38 0.46 0.00	30.72 0.27 0.00	28.26 0.25 0.00	26.94 0.19 0.00	26.79 0.27 0.00	29.76 0.32 0.00	36.12 0.57 0.00	38.52 0.76 0.00	39.49 0.85 0.00	36.64 0.68 -0.10	37.33 0.73 -0.14	37.93 0.70 -0.46	38.89 0.79 -0.57	40.71 0.79 -0.33	40.89 0.75 -0.37	41.44 0.81 -0.17	42.82 1.04 0.00	48.11 1.08 0.00	52.07 0.87 0.00	51.10 0.76 0.00	49.71 0.69 0.00	43.72 0.52 0.00	37.51 0.37 0.00	33.81 0.27 0.00
CRESCENT___HYD 24018	33.64 0.72 0.00	31.00 0.55 0.00	28.57 0.56 0.00	27.29 0.53 0.00	27.09 0.56 0.00	30.05 0.62 0.00	36.23 0.67 0.00	38.71 0.94 0.00	39.65 1.00 0.00	36.42 0.72 0.16	36.93 0.69 0.22	36.65 0.62 0.74	37.22 0.60 0.91	39.70 0.63 0.52	39.80 0.63 0.59	40.83 0.65 0.27	42.66 0.88 0.00	48.11 1.08 0.00	52.43 1.23 0.00	51.45 1.11 0.00	50.10 1.08 0.00	44.15 0.95 0.00	37.88 0.74 0.00	34.05 0.50 0.00
CRICKET___VALLEY_CC1 323756	33.41 0.49 0.00	30.69 0.24 0.00	28.29 0.28 0.00	27.02 0.27 0.00	26.87 0.34 0.00	29.76 0.32 0.00	36.12 0.57 0.00	38.60 0.83 0.00	39.57 0.93 0.00	34.77 0.65 1.73	34.77 0.77 2.45	29.32 0.74 8.18	28.29 0.79 10.03	34.59 0.75 5.75	33.93 0.72 6.55	38.23 0.77 3.00	42.86 1.08 0.00	48.15 1.13 0.00	52.17 0.97 0.00	50.99 0.65 0.00	49.66 0.64 0.00	43.76 0.56 0.00	37.51 0.37 0.00	33.68 0.13 0.00
CRICKET___VALLEY_CC2 323757	33.41 0.49 0.00	30.69 0.24 0.00	28.29 0.28 0.00	27.02 0.27 0.00	26.87 0.34 0.00	29.76 0.32 0.00	36.12 0.57 0.00	38.60 0.83 0.00	39.57 0.93 0.00	34.77 0.65 1.73	34.77 0.77 2.45	29.32 0.74 8.18	28.29 0.79 10.03	34.59 0.75 5.75	33.93 0.72 6.55	38.23 0.77 3.00	42.86 1.08 0.00	48.15 1.13 0.00	52.17 0.97 0.00	50.99 0.65 0.00	49.66 0.64 0.00	43.76 0.56 0.00	37.51 0.37 0.00	33.68 0.13 0.00
CRICKET___VALLEY_CC3 323758	33.41 0.49 0.00	30.69 0.24 0.00	28.29 0.28 0.00	27.02 0.27 0.00	26.87 0.34 0.00	29.76 0.32 0.00	36.12 0.57 0.00	38.60 0.83 0.00	39.57 0.93 0.00	34.77 0.65 1.73	34.77 0.77 2.45	29.32 0.74 8.18	28.29 0.79 10.03	34.59 0.75 5.75	33.93 0.72 6.55	38.23 0.77 3.00	42.86 1.08 0.00	48.15 1.13 0.00	52.17 0.97 0.00	50.99 0.65 0.00	49.66 0.64 0.00	43.76 0.56 0.00	37.51 0.37 0.00	33.68 0.13 0.00
CRUCIBLE_METL_DRP 24180	32.72 -0.20 0.00	30.33 -0.12 0.00	27.84 -0.17 0.00	26.65 -0.11 0.00	26.34 -0.19 0.00	29.20 -0.24 0.00	35.24 -0.32 0.00	38.50 -0.34 -1.07	39.60 -0.31 -1.26	36.75 -0.22 -1.10	37.63 -0.18 -1.35	37.74 -0.15 -1.12	38.62 -0.11 -1.20	40.78 -0.04 -1.23	40.70 -0.08 -1.02	41.58 -0.16 -1.28	41.57 -0.21 0.00	46.84 -0.19 0.00	51.05 -0.15 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.55 -0.13 -0.48	37.64 -0.11 -0.61	33.51 -0.03 0.00
DAHOWA___HYDRO 323763	34.00 1.08 0.00	31.36 0.91 0.00	28.88 0.87 0.00	27.56 0.80 0.00	27.38 0.85 0.00	30.40 0.97 0.00	36.62 1.07 0.00	39.09 1.32 0.00	39.96 1.31 0.00	36.67 0.93 0.13	36.94 0.66 0.18	36.76 0.59 0.60	37.39 0.60 0.73	39.69 0.51 0.42	39.76 0.48 0.48	40.77 0.52 0.22	42.49 0.71 0.00	48.15 1.13 0.00	52.89 1.69 0.00	52.10 1.76 0.00	50.84 1.81 0.00	44.71 1.51 0.00	38.37 1.22 0.00	34.52 0.97 0.00
DANC___LFGE 323619	33.61 0.69 0.00	31.12 0.67 0.00	28.63 0.62 0.00	27.37 0.62 0.00	27.09 0.56 0.00	30.05 0.62 0.00	36.37 0.82 0.00	39.66 0.79 -1.10	40.64 0.70 -1.30	37.61 0.61 -1.14	38.33 0.47 -1.40	38.36 0.44 -1.15	39.22 0.45 -1.24	41.41 0.55 -1.27	41.29 0.48 -1.05	42.23 0.45 -1.32	41.99 0.21 0.00	47.40 0.37 0.00	52.02 0.82 0.00	51.55 1.21 0.00	50.35 1.32 0.00	44.86 1.17 -0.50	38.78 1.00 -0.63	34.45 0.91 0.00
DANSKAMMER___1 23586	33.94 1.02 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.25 0.72 0.00	30.23 0.80 0.00	36.73 1.17 0.00	39.24 1.47 0.00	40.23 1.59 0.00	37.27 1.29 -0.12	37.90 1.28 -0.17	38.58 1.25 -0.56	39.64 1.43 -0.69	41.45 1.47 -0.39	41.68 1.47 -0.45	42.20 1.54 -0.20	43.62 1.84 0.00	49.04 2.02 0.00	53.15 1.95 0.00	52.10 1.76 0.00	50.64 1.62 0.00	44.49 1.29 0.00	38.18 1.04 0.00	34.32 0.77 0.00
DANSKAMMER___2 23589	33.94 1.02 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.25 0.72 0.00	30.23 0.80 0.00	36.73 1.17 0.00	39.24 1.47 0.00	40.23 1.59 0.00	37.27 1.29 -0.12	37.90 1.28 -0.17	38.58 1.25 -0.56	39.64 1.43 -0.69	41.45 1.47 -0.39	41.68 1.47 -0.45	42.20 1.54 -0.20	43.62 1.84 0.00	49.04 2.02 0.00	53.15 1.95 0.00	52.10 1.76 0.00	50.64 1.62 0.00	44.49 1.29 0.00	38.18 1.04 0.00	34.32 0.77 0.00
DANSKAMMER___3 23590	33.94 1.02 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.25 0.72 0.00	30.23 0.80 0.00	36.73 1.17 0.00	39.24 1.47 0.00	40.23 1.59 0.00	37.27 1.29 -0.12	37.90 1.28 -0.17	38.58 1.25 -0.56	39.64 1.43 -0.69	41.45 1.47 -0.39	41.68 1.47 -0.45	42.20 1.54 -0.20	43.62 1.84 0.00	49.04 2.02 0.00	53.15 1.95 0.00	52.10 1.76 0.00	50.64 1.62 0.00	44.49 1.29 0.00	38.18 1.04 0.00	34.32 0.77 0.00

DANSKAMMER___4 23591	33.94 1.02 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.25 0.72 0.00	30.23 0.80 0.00	36.73 1.17 0.00	39.24 1.47 0.00	40.23 1.59 0.00	37.27 1.29 -0.12	37.90 1.28 -0.17	38.58 1.25 -0.56	39.64 1.43 -0.69	41.45 1.47 -0.39	41.68 1.47 -0.45	42.20 1.54 -0.20	43.62 1.84 0.00	49.04 2.02 0.00	53.15 1.95 0.00	52.10 1.76 0.00	50.64 1.62 0.00	44.49 1.29 0.00	38.18 1.04 0.00	34.32 0.77 0.00
DANSKAMMER___DIESEL 23592	33.94 1.02 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.25 0.72 0.00	30.23 0.79 0.00	36.76 1.21 0.00	39.24 1.47 0.00	40.19 1.55 0.00	37.31 1.33 -0.12	37.91 1.28 -0.17	38.58 1.25 -0.56	39.68 1.46 -0.69	41.45 1.46 -0.39	41.68 1.47 -0.45	42.24 1.58 -0.20	43.62 1.84 0.00	49.05 2.02 0.00	53.20 2.00 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.54 1.34 0.00	38.18 1.04 0.00	34.32 0.77 0.00
DARBY___SOLAR 323810	33.91 0.99 0.00	31.27 0.82 0.00	28.83 0.81 0.00	27.50 0.75 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.52 0.96 0.00	38.97 1.21 0.00	39.88 1.24 0.00	36.59 0.86 0.13	36.89 0.62 0.19	36.70 0.55 0.62	37.29 0.53 0.76	39.63 0.48 0.44	39.70 0.44 0.50	40.76 0.52 0.23	42.49 0.71 0.00	48.11 1.08 0.00	52.79 1.59 0.00	51.95 1.61 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.26 1.11 0.00	34.42 0.87 0.00
DASHVILLE___HYD 23610	33.55 0.63 0.00	30.84 0.40 0.00	28.41 0.39 0.00	27.08 0.32 0.00	26.93 0.40 0.00	29.88 0.44 0.00	36.27 0.71 0.00	38.71 0.94 0.00	39.61 0.97 0.00	37.00 1.08 -0.07	37.58 1.02 -0.10	38.08 0.99 -0.32	39.12 1.20 -0.39	41.05 1.23 -0.22	41.21 1.19 -0.26	41.91 1.34 -0.12	42.99 1.21 0.00	48.34 1.32 0.00	52.48 1.28 0.00	51.50 1.16 0.00	49.96 0.93 0.00	43.93 0.73 0.00	37.70 0.56 0.00	33.92 0.37 0.00
DELAWARE___LFGE 323621	33.58 0.66 0.00	31.03 0.58 0.00	28.55 0.53 0.00	27.26 0.51 0.00	27.03 0.50 0.00	29.96 0.53 0.00	36.30 0.75 0.00	39.04 0.94 -0.34	40.20 0.97 -0.59	37.06 0.90 -0.30	37.71 0.88 -0.37	38.05 0.88 -0.39	38.94 0.98 -0.44	41.05 1.07 -0.39	41.14 1.03 -0.35	41.84 1.01 -0.36	42.91 1.13 0.00	48.25 1.22 -0.01	53.37 1.33 -0.84	52.46 1.36 -0.76	51.02 1.27 -0.72	44.36 1.04 -0.12	38.15 0.85 -0.15	34.28 0.74 0.00
DERFIELD_115KV_TB7 355931	32.89 -0.03 0.00	30.39 -0.06 0.00	27.98 -0.03 0.00	26.73 -0.03 0.00	26.50 -0.03 0.00	29.41 -0.03 0.00	35.52 -0.04 0.00	37.73 -0.04 0.00	38.65 0.00 0.00	35.83 -0.04 0.00	36.42 -0.04 0.00	36.73 -0.04 0.00	37.49 -0.04 0.00	39.55 -0.04 0.00	39.72 -0.04 0.00	40.42 -0.04 0.00	41.78 0.00 0.00	47.02 0.00 0.00	51.20 0.00 0.00	50.34 0.00 0.00	49.02 0.00 0.00	43.16 -0.04 0.00	37.10 -0.04 0.00	33.48 -0.07 0.00
DOGLEVILLE___HYD 23807	32.59 -0.33 0.00	30.14 -0.30 0.00	27.76 -0.25 0.00	26.51 -0.24 0.00	26.32 -0.21 0.00	29.20 -0.24 0.00	35.34 -0.21 0.00	37.54 -0.23 0.00	38.45 -0.19 0.00	35.72 -0.14 0.00	36.35 -0.11 0.00	36.66 -0.11 0.00	37.49 -0.04 0.00	39.59 0.00 0.00	39.76 0.00 0.00	40.34 -0.12 0.00	41.65 -0.13 0.00	46.93 -0.09 0.00	51.30 0.10 0.00	50.44 0.10 0.00	49.12 0.10 0.00	43.24 0.04 0.00	37.14 0.00 0.00	33.51 -0.03 0.00
DUNKIRK___115KV_TB_200 55889	33.12 0.20 0.00	31.30 0.85 0.00	28.60 0.59 0.00	27.53 0.78 0.00	26.93 0.40 0.00	29.52 0.09 0.00	34.92 -0.64 0.00	38.26 -0.83 -1.33	43.25 -0.93 -5.53	35.90 0.04 0.00	36.57 0.11 0.00	37.10 0.33 0.00	38.09 0.56 0.00	40.58 0.99 0.00	40.88 1.11 0.00	41.39 0.93 0.00	42.53 0.71 -0.04	47.74 0.61 -0.11	68.01 0.41 -16.40	65.97 0.65 -14.98	63.78 0.69 -14.07	44.11 0.91 0.00	38.29 1.15 0.00	35.32 1.78 0.00
DUNKIRK___1 23563	33.12 0.20 0.00	31.30 0.85 0.00	28.60 0.59 0.00	27.53 0.78 0.00	26.93 0.40 0.00	29.52 0.09 0.00	34.92 -0.64 0.00	38.26 -0.83 -1.33	43.25 -0.93 -5.53	35.90 0.04 0.00	36.57 0.11 0.00	37.10 0.33 0.00	38.09 0.56 0.00	40.58 0.99 0.00	40.88 1.11 0.00	41.39 0.93 0.00	42.53 0.71 -0.04	47.74 0.61 -0.11	68.01 0.41 -16.40	65.97 0.65 -14.98	63.78 0.69 -14.07	44.11 0.91 0.00	38.29 1.15 0.00	35.32 1.78 0.00
DUNKIRK___2 23564	33.12 0.20 0.00	31.30 0.85 0.00	28.60 0.59 0.00	27.53 0.78 0.00	26.93 0.40 0.00	29.52 0.09 0.00	34.92 -0.64 0.00	38.26 -0.83 -1.33	43.25 -0.93 -5.53	35.90 0.04 0.00	36.57 0.11 0.00	37.10 0.33 0.00	38.09 0.56 0.00	40.58 0.99 0.00	40.88 1.11 0.00	41.39 0.93 0.00	42.53 0.71 -0.04	47.74 0.61 -0.11	68.01 0.41 -16.40	65.97 0.65 -14.98	63.78 0.69 -14.07	44.11 0.91 0.00	38.29 1.15 0.00	35.32 1.78 0.00
DUNKIRK___3 23565	32.95 0.03 0.00	31.15 0.70 0.00	28.46 0.45 0.00	27.40 0.64 0.00	26.79 0.27 0.00	29.38 -0.06 0.00	34.74 -0.82 0.00	38.11 -1.06 -1.40	43.37 -1.12 -5.84	35.72 -0.14 0.00	36.35 -0.11 0.00	36.92 0.15 0.00	37.87 0.34 0.00	40.35 0.75 0.00	40.68 0.91 0.00	41.15 0.69 0.00	42.28 0.46 -0.04	47.47 0.33 -0.11	68.76 0.10 -17.45	66.64 0.35 -15.95	64.39 0.39 -14.97	43.85 0.65 0.00	38.07 0.93 0.00	35.12 1.58 0.00
DUNKIRK___4 23566	32.95 0.03 0.00	31.15 0.70 0.00	28.46 0.45 0.00	27.40 0.64 0.00	26.79 0.27 0.00	29.38 -0.06 0.00	34.74 -0.82 0.00	38.11 -1.06 -1.40	43.37 -1.12 -5.84	35.72 -0.14 0.00	36.35 -0.11 0.00	36.92 0.15 0.00	37.87 0.34 0.00	40.35 0.75 0.00	40.68 0.91 0.00	41.15 0.69 0.00	42.28 0.46 -0.04	47.47 0.33 -0.11	68.76 0.10 -17.45	66.64 0.35 -15.95	64.39 0.39 -14.97	43.85 0.65 0.00	38.07 0.93 0.00	35.12 1.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.01 1.09 0.00	31.24 0.79 0.00	28.74 0.73 0.00	27.37 0.62 0.00	27.25 0.72 0.00	30.26 0.82 0.00	36.87 1.32 0.00	39.43 1.66 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.39 1.71 -0.21	39.14 1.65 -0.71	40.17 1.76 -0.88	41.84 1.74 -0.50	42.08 1.75 -0.57	42.54 1.82 -0.26	43.95 2.17 0.00	49.28 2.26 0.00	53.30 2.10 0.00	52.20 1.86 0.00	50.59 1.57 0.00	44.54 1.34 0.00	38.26 1.11 0.00	34.38 0.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.71 0.79 0.00	31.03 0.58 0.00	28.55 0.53 0.00	27.21 0.45 0.00	27.06 0.53 0.00	30.05 0.62 0.00	36.52 0.96 0.00	38.97 1.21 0.00	39.92 1.28 0.00	37.08 1.11 -0.11	37.71 1.09 -0.16	38.36 1.07 -0.52	39.37 1.20 -0.64	41.19 1.23 -0.37	41.37 1.19 -0.42	41.95 1.29 -0.19	43.32 1.55 0.00	48.72 1.69 0.00	52.79 1.59 0.00	51.80 1.46 0.00	50.30 1.27 0.00	44.24 1.04 0.00	37.96 0.82 0.00	34.15 0.60 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.23 0.79 0.00	36.84 1.28 0.00	39.43 1.66 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.19 2.42 0.02	49.47 2.45 0.00	53.30 2.10 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.18 1.04 0.00	34.55 1.01 0.00

E179THST_13_KV_LOAD 356214	34.37 1.45 0.00	31.57 1.13 0.00	29.05 1.04 0.00	27.56 0.80 0.00	27.46 0.93 0.00	30.35 0.91 0.00	37.01 1.46 0.00	39.62 1.85 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.68 2.01 -0.21	39.47 1.99 -0.71	40.54 2.14 -0.88	42.23 2.14 -0.50	42.48 2.15 -0.57	42.99 2.27 -0.26	44.44 2.67 0.02	49.75 2.73 0.00	53.61 2.41 0.00	52.40 2.06 0.00	50.54 1.52 0.00	44.62 1.43 0.00	38.37 1.23 0.00	34.75 1.21 0.00
EAST HAMPTON___GT 23717	33.88 0.96 0.00	30.87 0.43 0.00	28.43 0.42 0.00	26.89 0.13 0.00	26.79 0.27 0.00	29.85 0.41 0.00	35.91 0.36 0.00	38.63 0.87 0.00	39.61 0.97 0.00	36.80 0.79 -0.15	38.43 1.75 -0.21	38.88 1.40 -0.72	39.64 1.24 -0.88	40.65 0.55 -0.50	40.97 0.63 -0.57	41.17 0.45 -0.26	42.52 0.75 0.01	48.19 1.18 0.01	51.91 0.72 0.01	50.59 0.25 0.01	49.21 0.20 0.01	43.20 0.00 0.00	37.66 0.52 0.00	34.02 0.47 0.00
EAST RIVER___6 23660	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.35 0.91 0.00	37.01 1.46 0.00	39.73 1.96 0.00	40.81 2.16 0.00	37.84 1.83 -0.15	38.72 2.04 -0.21	39.51 2.02 -0.71	40.54 2.14 -0.88	42.23 2.14 -0.50	42.48 2.15 -0.57	42.91 2.18 -0.26	44.41 2.63 0.00	49.70 2.68 0.00	53.61 2.41 0.00	52.36 2.02 0.00	50.74 1.71 0.00	44.67 1.47 0.00	38.37 1.22 0.00	34.48 0.94 0.00
EAST RIVER___7 23524	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.35 0.91 0.00	37.01 1.46 0.00	39.73 1.96 0.00	40.81 2.16 0.00	37.84 1.83 -0.15	38.72 2.04 -0.21	39.51 2.02 -0.71	40.54 2.14 -0.88	42.23 2.14 -0.50	42.48 2.15 -0.57	42.91 2.18 -0.26	44.41 2.63 0.00	49.70 2.68 0.00	53.61 2.41 0.00	52.36 2.02 0.00	50.74 1.71 0.00	44.67 1.47 0.00	38.37 1.22 0.00	34.48 0.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.94 1.02 0.00	31.18 0.73 0.00	28.69 0.67 0.00	27.32 0.56 0.00	27.19 0.66 0.00	30.20 0.77 0.00	36.76 1.21 0.00	39.31 1.55 0.00	40.35 1.70 0.00	37.48 1.47 -0.15	38.28 1.60 -0.21	39.02 1.54 -0.71	40.05 1.65 -0.87	41.71 1.62 -0.50	41.96 1.63 -0.57	42.42 1.70 -0.26	43.83 2.05 0.00	49.14 2.12 0.00	53.15 1.95 0.00	52.05 1.71 0.00	50.50 1.47 0.00	44.45 1.25 0.00	38.18 1.04 0.00	34.28 0.74 0.00
EAST_HAMPTON___DIESEL 23722	33.81 0.89 0.00	30.81 0.37 0.00	28.38 0.36 0.00	26.84 0.08 0.00	26.74 0.21 0.00	29.79 0.35 0.00	35.84 0.28 0.00	38.52 0.76 0.00	39.53 0.89 0.00	36.69 0.68 -0.15	38.32 1.64 -0.21	38.77 1.29 -0.72	39.53 1.12 -0.88	40.53 0.44 -0.50	40.85 0.52 -0.57	41.04 0.32 -0.26	42.40 0.63 0.01	48.05 1.03 0.01	51.76 0.56 0.01	50.43 0.10 0.01	49.07 0.05 0.01	43.07 -0.13 0.00	37.55 0.41 0.00	33.92 0.37 0.00
EAST_POINT___SOLAR 323840	34.90 1.98 0.00	32.27 1.83 0.00	29.67 1.65 0.00	28.31 1.55 0.00	28.12 1.59 0.00	31.32 1.89 0.00	37.72 2.17 0.00	39.92 2.15 0.00	40.34 1.70 0.00	37.04 1.25 0.07	37.45 1.09 0.10	37.16 0.74 0.34	37.56 0.45 0.42	39.59 0.24 0.24	39.57 0.08 0.27	40.37 0.04 0.13	41.82 0.04 0.00	47.45 0.42 0.00	53.45 2.25 0.00	53.77 3.42 0.00	52.60 3.58 0.00	46.18 2.98 0.00	39.55 2.41 0.00	35.63 2.08 0.00
EAST_PULASKI___ESR 323781	32.89 -0.03 0.00	30.45 0.00 0.00	27.98 -0.03 0.00	26.76 0.00 0.00	26.50 -0.03 0.00	29.38 -0.06 0.00	35.48 -0.07 0.00	39.23 -0.15 -1.62	40.36 -0.19 -1.91	37.38 -0.14 -1.67	38.29 -0.22 -2.05	38.24 -0.22 -1.69	39.16 -0.19 -1.82	41.33 -0.12 -1.86	41.11 -0.20 -1.54	42.16 -0.24 -1.94	41.36 -0.42 0.00	46.65 -0.38 0.00	51.05 -0.15 0.00	50.39 0.05 0.00	49.12 0.10 0.00	44.01 0.09 -0.73	38.14 0.07 -0.93	33.65 0.10 0.00
EAST_RIVER___1 323558	34.10 1.18 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.42 0.67 0.00	27.32 0.80 0.00	30.38 0.94 0.00	37.01 1.46 0.00	39.65 1.89 0.00	40.73 2.09 0.00	37.77 1.76 -0.15	38.64 1.97 -0.21	39.43 1.95 -0.71	40.43 2.03 -0.88	42.11 2.02 -0.50	42.36 2.03 -0.57	42.82 2.10 -0.26	44.29 2.51 0.00	49.56 2.54 0.00	53.51 2.31 0.00	52.30 1.96 0.00	50.74 1.71 0.00	44.67 1.47 0.00	38.37 1.22 0.00	34.48 0.94 0.00
EAST_RIVER___2 323559	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.35 0.91 0.00	37.01 1.46 0.00	39.73 1.96 0.00	40.81 2.16 0.00	37.84 1.83 -0.15	38.72 2.04 -0.21	39.51 2.02 -0.71	40.54 2.14 -0.88	42.23 2.14 -0.50	42.48 2.15 -0.57	42.91 2.18 -0.26	44.41 2.63 0.00	49.70 2.68 0.00	53.61 2.41 0.00	52.36 2.02 0.00	50.74 1.71 0.00	44.67 1.47 0.00	38.37 1.22 0.00	34.48 0.94 0.00
EAST___DELAWARE_HYD 23607	33.64 0.72 0.00	30.93 0.49 0.00	28.49 0.48 0.00	27.13 0.37 0.00	26.95 0.42 0.00	29.93 0.50 0.00	36.37 0.82 0.00	38.82 1.06 0.00	39.77 1.12 0.00	36.85 0.90 -0.09	37.46 0.87 -0.12	38.03 0.85 -0.41	39.05 1.01 -0.51	40.99 1.11 -0.29	41.17 1.07 -0.33	41.79 1.17 -0.15	43.20 1.42 0.00	48.62 1.60 0.00	52.74 1.53 0.00	51.80 1.46 0.00	50.40 1.37 0.00	44.23 1.04 0.00	37.92 0.78 0.00	34.15 0.60 0.00
EIGHT_POINT___WT_PWR 323820	33.28 0.36 0.00	31.30 0.85 0.00	28.60 0.59 0.00	27.50 0.75 0.00	27.01 0.48 0.00	29.79 0.35 0.00	35.59 0.04 0.00	38.41 -0.08 -0.72	40.62 -0.19 -2.16	36.62 0.46 -0.29	37.22 0.40 -0.36	37.54 0.48 -0.29	38.48 0.64 -0.32	40.79 0.87 -0.32	40.90 0.87 -0.27	41.65 0.85 -0.34	42.55 0.75 -0.01	47.86 0.80 -0.04	57.57 0.77 -5.60	56.76 1.31 -5.11	55.00 1.17 -4.80	44.49 1.17 -0.13	38.49 1.19 -0.16	35.12 1.58 0.00
ELBRIDGE_115KV_TB2 80188	32.59 -0.33 0.00	30.20 -0.24 0.00	27.76 -0.25 0.00	26.54 -0.21 0.00	26.24 -0.29 0.00	29.08 -0.35 0.00	35.06 -0.50 0.00	38.33 -0.57 -1.13	39.44 -0.54 -1.33	36.63 -0.39 -1.16	37.49 -0.40 -1.43	37.58 -0.37 -1.18	38.46 -0.34 -1.27	40.61 -0.28 -1.30	40.56 -0.28 -1.08	41.45 -0.36 -1.36	41.40 -0.38 0.00	46.60 -0.42 0.00	50.79 -0.41 0.00	50.04 -0.30 0.00	48.73 -0.29 0.00	43.40 -0.30 -0.51	37.53 -0.26 -0.65	33.38 -0.17 0.00
ELEC_TRO_TEK 24086	34.11 1.19 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.14 0.61 0.00	30.20 0.77 0.00	36.84 1.28 0.00	39.43 1.66 0.00	40.35 1.70 0.00	37.55 1.54 -0.15	38.75 2.08 -0.21	39.40 1.91 -0.72	40.28 1.88 -0.88	41.52 1.43 -0.50	41.77 1.43 -0.57	42.18 1.46 -0.26	43.44 1.67 0.01	48.76 1.74 0.01	52.68 1.48 0.01	51.54 1.21 0.01	50.05 1.03 0.01	44.06 0.86 0.00	38.48 1.34 0.00	34.38 0.84 0.00
ELLENBURG_WT_PWR 323604	33.64 0.72 0.00	31.15 0.70 0.00	28.63 0.62 0.00	27.37 0.62 0.00	27.16 0.64 0.00	30.17 0.74 0.00	36.52 0.96 0.00	38.75 0.98 0.00	39.53 0.89 0.00	36.69 0.83 0.00	37.30 0.84 0.00	37.62 0.85 0.00	38.28 0.75 0.00	40.34 0.75 0.00	40.56 0.79 0.00	41.27 0.81 0.00	42.41 0.63 0.00	47.77 0.75 0.00	52.02 0.82 0.00	51.20 0.85 0.00	49.95 0.93 0.00	44.11 0.91 0.00	37.96 0.82 0.00	34.35 0.80 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.76 -0.16 0.00	30.96 0.52 0.00	28.32 0.31 0.00	27.26 0.51 0.00	26.64 0.11 0.00	29.14 -0.29 0.00	34.38 -1.17 0.00	33.63 -1.44 2.70	25.92 -1.51 11.22	35.39 -0.47 0.00	36.10 -0.36 0.00	36.66 -0.11 0.00	37.64 0.11 0.00	40.11 0.51 0.00	40.44 0.68 0.00	40.86 0.40 0.00	41.86 0.17 0.09	46.76 -0.05 0.22	17.03 -0.31 33.87	19.30 -0.10 30.94	19.87 -0.10 29.05	43.54 0.35 0.00	37.85 0.71 0.00	34.96 1.41 0.00
EMPIRE_CC_1 323656	33.09 0.17 0.00	30.57 0.12 0.00	28.21 0.20 0.00	26.94 0.19 0.00	26.74 0.21 0.00	29.61 0.18 0.00	35.70 0.14 0.00	38.07 0.30 0.00	39.07 0.43 0.00	35.84 0.18 0.20	36.40 0.22 0.28	36.01 0.18 0.95	36.44 0.08 1.16	39.01 0.08 0.67	39.08 0.08 0.76	40.19 0.08 0.35	42.07 0.29 0.00	47.36 0.33 0.00	51.46 0.26 0.00	50.39 0.05 0.00	49.12 0.10 0.00	43.37 0.17 0.00	37.18 0.04 0.00	33.41 -0.13 0.00
EMPIRE_CC_2 323658	33.09 0.17 0.00	30.57 0.12 0.00	28.21 0.20 0.00	26.94 0.19 0.00	26.74 0.21 0.00	29.61 0.18 0.00	35.70 0.14 0.00	38.07 0.30 0.00	39.07 0.43 0.00	35.84 0.18 0.20	36.40 0.22 0.28	36.01 0.18 0.95	36.44 0.08 1.16	39.01 0.08 0.67	39.08 0.08 0.76	40.19 0.08 0.35	42.07 0.29 0.00	47.36 0.33 0.00	51.46 0.26 0.00	50.39 0.05 0.00	49.12 0.10 0.00	43.37 0.17 0.00	37.18 0.04 0.00	33.41 -0.13 0.00
ENORWICH_115KV_TB1 80156	35.69 2.77 0.00	33.13 2.68 0.00	30.56 2.55 0.00	29.22 2.46 0.00	28.89 2.36 0.00	32.02 2.59 0.00	39.00 3.45 0.00	42.20 3.97 -0.47	43.38 3.90 -0.83	39.82 3.55 -0.41	40.39 3.43 -0.50	40.83 3.57 -0.49	41.87 3.79 -0.55	44.33 4.24 -0.50	44.26 4.06 -0.44	44.95 4.01 -0.49	45.71 3.93 0.00	51.64 4.61 -0.01	58.07 5.68 -1.19	57.26 5.84 -1.08	55.93 5.88 -1.02	48.16 4.80 -0.17	41.37 4.01 -0.21	37.27 3.72 0.00
ERIE_ST__34_KV_TB1-2 80199	32.92 0.00 0.00	31.09 0.64 0.00	28.41 0.39 0.00	27.29 0.54 0.00	26.72 0.19 0.00	29.29 -0.15 0.00	34.60 -0.96 0.00	37.66 -1.21 -1.11	42.01 -1.24 -4.60	35.68 -0.18 0.00	36.32 -0.15 0.00	36.92 0.15 0.00	37.94 0.41 0.00	40.46 0.87 0.00	40.80 1.03 0.00	41.31 0.85 0.00	42.44 0.63 -0.03	47.49 0.38 -0.09	65.18 0.15 -13.83	63.33 0.35 -12.63	61.18 0.29 -11.86	43.76 0.56 0.00	38.00 0.85 0.00	35.12 1.58 0.00
ERIE_WT_PWR 323693	32.89 -0.03 0.00	31.15 0.70 0.00	28.40 0.39 0.00	27.37 0.62 0.00	26.74 0.21 0.00	29.26 -0.18 0.00	34.60 -0.96 0.00	37.77 -1.28 -1.29	42.63 -1.39 -5.38	35.72 -0.14 0.00	36.21 -0.25 0.00	36.81 0.04 0.00	37.87 0.34 0.00	40.27 0.67 0.00	40.60 0.84 0.00	41.19 0.73 0.00	42.19 0.38 -0.04	47.27 0.14 -0.11	67.41 0.05 -16.15	65.55 0.45 -14.76	63.03 0.15 -13.86	43.80 0.60 0.00	37.96 0.82 0.00	35.12 1.58 0.00
ESPRGFLD_115KV_TB1 80157	34.40 1.48 0.00	31.79 1.34 0.00	29.25 1.23 0.00	27.91 1.15 0.00	27.67 1.14 0.00	30.76 1.32 0.00	37.23 1.67 0.00	39.65 1.89 0.00	40.42 1.78 0.00	37.40 1.58 0.04	37.90 1.49 0.06	37.97 1.40 0.19	38.76 1.46 0.24	40.96 1.50 0.13	41.00 1.39 0.15	41.81 1.42 0.07	43.28 1.50 0.00	48.86 1.83 0.00	53.76 2.56 0.00	53.26 2.92 0.00	51.87 2.84 0.00	45.53 2.33 0.00	39.04 1.89 0.00	35.19 1.64 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.25 0.33 0.00	30.81 0.37 0.00	28.29 0.28 0.00	27.08 0.32 0.00	26.77 0.24 0.00	29.67 0.24 0.00	35.80 0.25 0.00	38.82 0.30 -0.75	40.07 0.27 -1.15	36.83 0.29 -0.68	37.55 0.26 -0.83	37.75 0.29 -0.69	38.61 0.34 -0.74	40.83 0.48 -0.76	40.83 0.44 -0.63	41.61 0.36 -0.79	42.20 0.42 0.00	47.64 0.61 -0.01	53.11 0.77 -1.14	52.34 0.96 -1.04	50.94 0.93 -0.98	44.23 0.73 -0.30	38.15 0.63 -0.38	34.18 0.64 0.00
ETNA____115KV_TB2 80207	33.25 0.33 0.00	30.81 0.37 0.00	28.29 0.28 0.00	27.08 0.32 0.00	26.77 0.24 0.00	29.67 0.24 0.00	35.80 0.25 0.00	38.82 0.30 -0.75	40.07 0.27 -1.15	36.83 0.29 -0.68	37.55 0.26 -0.83	37.75 0.29 -0.69	38.61 0.34 -0.74	40.83 0.48 -0.76	40.83 0.44 -0.63	41.61 0.36 -0.79	42.20 0.42 0.00	47.64 0.61 -0.01	53.11 0.77 -1.14	52.34 0.96 -1.04	50.94 0.93 -0.98	44.23 0.73 -0.30	38.15 0.63 -0.38	34.18 0.64 0.00
EUCLID___115KV_TB2 356179	32.43 -0.49 0.00	30.05 -0.40 0.00	27.59 -0.42 0.00	26.41 -0.35 0.00	26.10 -0.42 0.00	28.93 -0.50 0.00	34.88 -0.68 0.00	37.52 -0.76 -0.51	38.51 -0.73 -0.60	35.81 -0.57 -0.52	36.52 -0.58 -0.64	36.75 -0.55 -0.53	37.57 -0.53 -0.57	39.70 -0.48 -0.58	39.77 -0.48 -0.48	40.50 -0.57 -0.61	41.15 -0.63 0.00	46.32 -0.71 0.00	50.48 -0.72 0.00	49.69 -0.65 0.00	48.39 -0.64 0.00	42.82 -0.60 -0.23	36.95 -0.48 -0.29	33.14 -0.40 0.00
E_CANADA_CAP_HY 24051	34.73 1.81 0.00	32.09 1.64 0.00	29.52 1.51 0.00	28.17 1.42 0.00	27.96 1.43 0.00	31.11 1.68 0.00	37.51 1.95 0.00	39.88 2.11 0.00	40.58 1.93 0.00	37.30 1.51 0.06	37.68 1.31 0.09	37.61 1.14 0.31	38.24 1.09 0.37	40.37 0.99 0.21	40.43 0.92 0.24	41.32 0.97 0.11	42.86 1.08 0.00	48.57 1.55 0.00	53.91 2.71 0.00	53.61 3.27 0.00	52.31 3.29 0.00	45.88 2.68 0.00	39.33 2.19 0.00	35.42 1.88 0.00
E_CANADA_MHWK_HY 24050	32.59 -0.33 0.00	30.11 -0.33 0.00	27.76 -0.25 0.00	26.51 -0.24 0.00	26.32 -0.21 0.00	29.20 -0.24 0.00	35.34 -0.21 0.00	37.54 -0.23 0.00	38.45 -0.19 0.00	35.72 -0.14 0.00	36.35 -0.11 0.00	36.66 -0.11 0.00	37.49 -0.04 0.00	39.59 0.00 0.00	39.76 0.00 0.00	40.34 -0.12 0.00	41.65 -0.12 0.00	46.93 -0.09 0.00	51.30 0.10 0.00	50.44 0.10 0.00	49.12 0.10 0.00	43.24 0.04 0.00	37.14 0.00 0.00	33.51 -0.03 0.00
E_FISHKILL___LBMP 23776	33.71 0.79 0.00	31.00 0.55 0.00	28.55 0.53 0.00	27.21 0.45 0.00	27.06 0.53 0.00	30.05 0.62 0.00	36.52 0.96 0.00	39.01 1.25 0.00	40.04 1.39 0.00	37.18 1.15 -0.17	37.94 1.24 -0.24	38.77 1.21 -0.79	39.81 1.31 -0.97	41.41 1.27 -0.55	41.66 1.27 -0.63	42.08 1.34 -0.29	43.41 1.63 0.00	48.72 1.69 0.00	52.79 1.59 0.00	51.65 1.31 0.00	50.15 1.13 0.00	44.19 0.99 0.00	37.92 0.78 0.00	34.05 0.50 0.00
FALCON___SEABRD_CC1 323796	34.40 1.48 0.00	31.85 1.40 0.00	29.30 1.29 0.00	27.99 1.23 0.00	27.78 1.25 0.00	30.88 1.44 0.00	37.40 1.85 0.00	39.69 1.92 0.00	40.42 1.78 0.00	37.55 1.69 0.00	38.18 1.71 0.00	38.50 1.73 0.00	39.14 1.61 0.00	41.26 1.66 0.00	41.51 1.75 0.00	42.24 1.78 0.00	42.91 1.13 0.00	48.39 1.36 0.00	52.69 1.49 0.00	51.85 1.51 0.00	50.59 1.57 0.00	44.67 1.47 0.00	38.44 1.30 0.00	34.75 1.21 0.00
FALCON___SEABRD_CC2 323797	34.40 1.48 0.00	31.85 1.40 0.00	29.30 1.29 0.00	27.99 1.23 0.00	27.78 1.25 0.00	30.88 1.44 0.00	37.40 1.85 0.00	39.69 1.92 0.00	40.42 1.78 0.00	37.55 1.69 0.00	38.18 1.71 0.00	38.50 1.73 0.00	39.14 1.61 0.00	41.26 1.66 0.00	41.51 1.75 0.00	42.24 1.78 0.00	42.91 1.13 0.00	48.39 1.36 0.00	52.69 1.49 0.00	51.85 1.51 0.00	50.59 1.57 0.00	44.67 1.47 0.00	38.44 1.30 0.00	34.75 1.21 0.00

FAR ROCKAWAY___4 23548	34.63 1.71 0.00	31.66 1.22 0.00	29.11 1.09 0.00	27.61 0.86 0.00	27.51 0.98 0.00	30.61 1.18 0.00	37.30 1.74 0.00	39.96 2.19 0.00	40.93 2.28 0.00	38.09 2.08 -0.15	39.37 2.70 -0.21	39.99 2.50 -0.72	40.88 2.48 -0.88	42.16 2.06 -0.50	42.40 2.07 -0.57	42.83 2.10 -0.26	44.11 2.34 0.01	49.51 2.49 0.01	53.55 2.36 0.01	52.40 2.06 0.01	50.83 1.81 0.01	44.75 1.56 0.00	39.07 1.93 0.00	34.85 1.31 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.11 1.19 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.42 0.67 0.00	27.33 0.80 0.00	30.38 0.94 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.81 1.79 -0.15	38.61 1.93 -0.21	39.40 1.91 -0.71	40.43 2.03 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.83 2.10 -0.26	44.29 2.51 0.00	49.56 2.54 0.00	53.56 2.36 0.00	52.40 2.06 0.00	50.74 1.72 0.00	44.67 1.47 0.00	38.40 1.26 0.00	34.49 0.94 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.11 1.19 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.42 0.67 0.00	27.33 0.80 0.00	30.38 0.94 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.81 1.79 -0.15	38.61 1.93 -0.21	39.40 1.91 -0.71	40.43 2.03 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.83 2.10 -0.26	44.33 2.55 0.00	49.56 2.54 0.00	53.56 2.36 0.00	52.40 2.06 0.00	50.74 1.72 0.00	44.71 1.51 0.00	38.40 1.26 0.00	34.52 0.97 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.07 1.15 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.42 0.67 0.00	27.30 0.77 0.00	30.35 0.91 0.00	37.01 1.46 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.81 1.79 -0.15	38.61 1.93 -0.21	39.40 1.91 -0.71	40.43 2.03 -0.88	42.08 1.98 -0.50	42.32 1.99 -0.57	42.83 2.10 -0.26	44.29 2.51 0.00	49.52 2.49 0.00	53.51 2.30 0.00	52.35 2.01 0.00	50.69 1.67 0.00	44.67 1.47 0.00	38.37 1.23 0.00	34.49 0.94 0.00
FARRAGUT___LBMP 323566	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	37.01 1.46 0.00	39.62 1.85 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	38.57 1.90 -0.21	39.36 1.88 -0.71	40.39 1.99 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.79 2.06 -0.26	44.24 2.46 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
FENNER___WINDPWR 24204	33.45 0.53 0.00	30.96 0.52 0.00	28.49 0.48 0.00	27.21 0.45 0.00	26.95 0.42 0.00	29.88 0.44 0.00	36.12 0.57 0.00	38.89 0.64 -0.49	39.83 0.62 -0.57	36.93 0.57 -0.50	37.62 0.55 -0.61	37.86 0.59 -0.51	38.71 0.64 -0.55	40.90 0.75 -0.56	40.94 0.72 -0.46	41.69 0.65 -0.58	42.41 0.63 0.00	47.77 0.75 0.00	52.23 1.02 0.00	51.50 1.16 0.00	50.20 1.17 0.00	44.37 0.95 -0.22	38.20 0.78 -0.28	34.25 0.71 0.00
FIBERTEK___ENERGY 23856	32.72 -0.20 0.00	30.33 -0.12 0.00	27.84 -0.17 0.00	26.65 -0.11 0.00	26.34 -0.19 0.00	29.20 -0.24 0.00	35.24 -0.32 0.00	38.50 -0.34 -1.07	39.60 -0.31 -1.26	36.75 -0.22 -1.10	37.63 -0.18 -1.35	37.74 -0.15 -1.12	38.62 -0.11 -1.20	40.78 -0.04 -1.23	40.70 -0.08 -1.02	41.58 -0.16 -1.28	41.57 -0.21 0.00	46.84 -0.19 0.00	51.05 -0.15 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.55 -0.13 -0.48	37.64 -0.11 -0.61	33.51 -0.03 0.00
FITZPATRICK___ 23598	32.00 -0.92 0.00	29.66 -0.79 0.00	27.23 -0.78 0.00	26.06 -0.70 0.00	25.79 -0.74 0.00	28.55 -0.88 0.00	34.45 -1.10 0.00	30.60 -1.28 5.88	30.40 -1.31 6.93	28.70 -1.11 6.05	27.90 -1.13 7.43	29.50 -1.14 6.13	29.80 -1.12 6.60	31.70 -1.15 6.74	33.00 -1.15 5.61	32.20 -1.21 7.05	40.53 -1.25 0.00	45.61 -1.41 0.00	49.77 -1.43 0.00	48.98 -1.36 0.00	47.65 -1.37 0.00	39.30 -1.25 2.64	32.70 -1.08 3.36	32.61 -0.94 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.01 1.09 0.00	31.27 0.82 0.00	28.80 0.78 0.00	27.42 0.67 0.00	27.27 0.74 0.00	30.29 0.85 0.00	36.80 1.24 0.00	39.31 1.55 0.00	40.27 1.62 0.00	37.38 1.40 -0.12	37.98 1.35 -0.17	38.67 1.32 -0.58	39.74 1.50 -0.71	41.55 1.54 -0.41	41.78 1.55 -0.47	42.33 1.66 -0.21	43.70 1.92 0.00	49.14 2.12 0.00	53.30 2.10 0.00	52.30 1.96 0.00	50.74 1.72 0.00	44.62 1.43 0.00	38.26 1.11 0.00	34.38 0.84 0.00
FORT ORANGE___ 23900	33.02 0.10 0.00	30.51 0.06 0.00	28.15 0.14 0.00	26.89 0.13 0.00	26.69 0.16 0.00	29.58 0.15 0.00	35.66 0.11 0.00	38.07 0.30 0.00	38.99 0.35 0.00	35.87 0.11 0.10	36.43 0.11 0.14	36.34 0.04 0.47	36.88 -0.07 0.57	39.19 -0.08 0.33	39.35 -0.04 0.37	40.21 -0.08 0.17	41.82 0.04 0.00	47.17 0.14 0.00	51.36 0.15 0.00	50.39 0.05 0.00	49.07 0.05 0.00	43.28 0.09 0.00	37.22 0.07 0.00	33.51 -0.03 0.00
FORT_DRUM_COGEN 23780	34.53 1.61 0.00	31.97 1.52 0.00	29.44 1.43 0.00	28.12 1.36 0.00	27.88 1.35 0.00	30.91 1.47 0.00	37.51 1.96 0.00	40.60 2.04 -0.80	41.40 1.82 -0.94	38.23 1.54 -0.82	38.86 1.39 -1.01	38.93 1.32 -0.83	39.70 1.28 -0.90	41.98 1.46 -0.92	41.88 1.35 -0.76	42.71 1.29 -0.96	42.87 1.09 0.00	48.43 1.41 0.00	53.35 2.15 0.00	53.01 2.67 0.00	51.97 2.94 0.00	46.15 2.59 -0.36	39.79 2.19 -0.46	35.49 1.95 0.00
FOX_HILLS___ESR 323835	34.47 1.55 0.00	31.66 1.22 0.00	29.11 1.09 0.00	27.64 0.88 0.00	27.51 0.98 0.00	30.44 1.00 0.00	37.08 1.53 0.00	39.65 1.89 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	38.68 2.01 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.64 2.31 -0.57	43.15 2.43 -0.26	44.49 2.72 0.00	50.08 3.06 0.00	53.97 2.76 0.00	52.71 2.37 0.00	50.74 1.72 0.00	44.84 1.64 0.00	38.59 1.45 0.00	34.89 1.34 0.00
FPL_FAR_ROCK_GT1 24212	34.63 1.71 0.00	31.67 1.22 0.00	29.10 1.09 0.00	27.61 0.86 0.00	27.51 0.98 0.00	30.61 1.18 0.00	37.26 1.71 0.00	39.96 2.19 0.00	40.96 2.32 0.00	38.06 2.04 -0.15	39.37 2.70 -0.21	39.99 2.50 -0.72	40.84 2.44 -0.88	42.15 2.06 -0.50	42.40 2.07 -0.57	42.70 1.98 -0.26	44.07 2.30 0.01	49.51 2.49 0.01	53.50 2.31 0.01	52.30 1.96 0.01	50.83 1.81 0.01	44.71 1.51 0.00	38.96 1.82 0.00	34.85 1.31 0.00
FPL_FAR_ROCK_GT2 23815	34.63 1.71 0.00	31.67 1.22 0.00	29.10 1.09 0.00	27.61 0.86 0.00	27.51 0.98 0.00	30.61 1.18 0.00	37.26 1.71 0.00	39.96 2.19 0.00	40.96 2.32 0.00	38.06 2.04 -0.15	39.37 2.70 -0.21	39.99 2.50 -0.72	40.84 2.44 -0.88	42.15 2.06 -0.50	42.40 2.07 -0.57	42.70 1.98 -0.26	44.07 2.30 0.01	49.51 2.49 0.01	53.50 2.31 0.01	52.30 1.96 0.01	50.83 1.81 0.01	44.71 1.51 0.00	38.96 1.82 0.00	34.85 1.31 0.00
FRANKLIN_FALL_HYD 24054	34.07 1.15 0.00	31.54 1.10 0.00	28.99 0.98 0.00	27.72 0.96 0.00	27.51 0.98 0.00	30.61 1.18 0.00	37.08 1.53 0.00	39.35 1.59 0.00	40.11 1.47 0.00	37.22 1.36 0.00	37.85 1.39 0.00	38.13 1.36 0.00	38.77 1.24 0.00	40.86 1.27 0.00	41.11 1.35 0.00	41.88 1.42 0.00	43.03 1.25 0.00	48.72 1.69 0.00	52.99 1.79 0.00	52.25 1.91 0.00	50.99 1.96 0.00	45.01 1.81 0.00	38.70 1.56 0.00	34.96 1.41 0.00

FREEPORT_EQUS_GT1 23764	34.33 1.41 0.00	31.39 0.94 0.00	28.85 0.84 0.00	27.40 0.64 0.00	27.27 0.74 0.00	30.38 0.94 0.00	36.98 1.42 0.00	39.62 1.85 0.00	40.58 1.93 0.00	37.73 1.72 -0.15	39.01 2.34 -0.21	39.62 2.13 -0.72	40.43 2.03 -0.88	41.68 1.59 -0.50	41.97 1.63 -0.57	42.26 1.54 -0.26	43.61 1.84 0.01	48.99 1.97 0.01	52.88 1.69 0.01	51.69 1.36 0.01	50.29 1.27 0.01	44.19 0.99 0.00	38.63 1.49 0.00	34.62 1.07 0.00
FREEPORT___CT2 23818	34.33 1.41 0.00	31.39 0.94 0.00	28.85 0.84 0.00	27.40 0.64 0.00	27.27 0.74 0.00	30.38 0.94 0.00	36.98 1.42 0.00	39.62 1.85 0.00	40.58 1.93 0.00	37.73 1.72 -0.15	39.01 2.34 -0.21	39.62 2.13 -0.72	40.43 2.03 -0.88	41.68 1.59 -0.50	41.97 1.63 -0.57	42.26 1.54 -0.26	43.61 1.84 0.01	48.99 1.97 0.01	52.88 1.69 0.01	51.69 1.36 0.01	50.29 1.27 0.01	44.19 0.99 0.00	38.63 1.49 0.00	34.62 1.07 0.00
FRESHKLS_33_KV_LOAD 356253	34.63 1.71 0.00	31.79 1.34 0.00	29.22 1.20 0.00	27.75 0.99 0.00	27.62 1.09 0.00	30.52 1.09 0.00	37.19 1.64 0.00	39.77 2.00 0.00	40.77 2.13 0.00	37.84 1.83 -0.15	38.79 2.11 -0.21	39.62 2.13 -0.71	40.73 2.33 -0.88	42.47 2.38 -0.50	42.80 2.47 -0.57	43.31 2.59 -0.26	44.62 2.84 0.00	50.27 3.24 0.00	54.22 3.02 0.00	52.96 2.62 0.00	50.94 1.91 0.00	45.01 1.81 0.00	38.74 1.60 0.00	35.02 1.48 0.00
FULTON COGEN____ 23766	32.39 -0.53 0.00	30.02 -0.43 0.00	27.59 -0.42 0.00	26.38 -0.37 0.00	26.10 -0.42 0.00	28.93 -0.50 0.00	34.88 -0.68 0.00	38.93 -0.76 -1.92	40.17 -0.73 -2.26	37.19 -0.65 -1.97	38.27 -0.62 -2.43	38.15 -0.63 -2.00	39.08 -0.60 -2.16	41.24 -0.55 -2.20	41.04 -0.56 -1.83	42.11 -0.65 -2.30	41.11 -0.67 0.00	46.27 -0.75 0.00	50.43 -0.77 0.00	49.69 -0.65 0.00	48.39 -0.64 0.00	43.46 -0.60 -0.86	37.72 -0.52 -1.10	33.11 -0.44 0.00
FULTON___LFGE 323630	34.66 1.74 0.00	32.03 1.58 0.00	29.47 1.46 0.00	28.12 1.36 0.00	27.91 1.38 0.00	31.05 1.62 0.00	37.44 1.88 0.00	39.77 2.00 0.00	40.46 1.82 0.00	37.04 1.25 0.07	37.38 1.02 0.11	37.19 0.77 0.35	37.81 0.71 0.43	39.94 0.59 0.25	40.04 0.56 0.28	41.02 0.69 0.13	42.61 0.84 0.00	48.39 1.36 0.00	53.81 2.61 0.00	53.46 3.12 0.00	52.11 3.09 0.00	45.75 2.55 0.00	39.22 2.08 0.00	35.32 1.78 0.00
G.F.CEMENT___DRP 24184	34.04 1.12 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.59 0.83 0.00	27.40 0.88 0.00	30.46 1.03 0.00	36.66 1.10 0.00	39.13 1.36 0.00	40.00 1.35 0.00	36.75 1.00 0.12	36.88 0.58 0.17	36.69 0.48 0.56	37.37 0.53 0.68	39.60 0.40 0.39	39.68 0.36 0.44	40.70 0.45 0.20	42.36 0.58 0.00	48.06 1.03 0.00	52.99 1.79 0.00	52.30 1.96 0.00	50.99 1.96 0.00	44.80 1.60 0.00	38.44 1.30 0.00	34.59 1.04 0.00
GARDENVILLE___LBMP 24039	32.79 -0.13 0.00	30.96 0.52 0.00	28.32 0.31 0.00	27.26 0.51 0.00	26.66 0.13 0.00	29.17 -0.26 0.00	34.42 -1.14 0.00	37.96 -1.40 -1.59	43.80 -1.47 -6.63	35.43 -0.43 0.00	36.10 -0.36 0.00	36.66 -0.11 0.00	37.64 0.11 0.00	40.11 0.51 0.00	40.44 0.68 0.00	40.91 0.45 0.00	42.04 0.21 -0.05	47.11 -0.05 -0.13	70.86 -0.26 -19.91	68.53 0.00 -18.19	66.11 0.00 -17.08	43.59 0.39 0.00	37.85 0.71 0.00	34.99 1.44 0.00
GARDNVLA_35_KV_LD 355827	32.92 0.00 0.00	31.09 0.64 0.00	28.43 0.42 0.00	27.37 0.62 0.00	26.77 0.24 0.00	29.29 -0.15 0.00	34.56 -1.00 0.00	37.70 -1.25 -1.18	42.28 -1.28 -4.91	35.61 -0.25 0.00	36.32 -0.15 0.00	36.88 0.11 0.00	37.90 0.38 0.00	40.39 0.79 0.00	40.72 0.95 0.00	41.19 0.73 0.00	42.32 0.50 -0.04	47.40 0.28 -0.10	66.06 0.10 -14.76	64.12 0.30 -13.48	61.93 0.25 -12.66	43.80 0.60 0.00	38.07 0.93 0.00	35.16 1.61 0.00
GELCKHM___115KV_LOAD 80723	32.53 -0.40 0.00	30.14 -0.30 0.00	27.68 -0.34 0.00	26.49 -0.27 0.00	26.21 -0.32 0.00	29.02 -0.41 0.00	35.02 -0.53 0.00	37.87 -0.60 -0.71	38.90 -0.58 -0.83	36.16 -0.43 -0.73	36.92 -0.44 -0.89	37.10 -0.40 -0.74	37.95 -0.38 -0.79	40.09 -0.32 -0.81	40.12 -0.32 -0.67	40.90 -0.40 -0.85	41.32 -0.46 0.00	46.51 -0.52 0.00	50.69 -0.51 0.00	49.89 -0.45 0.00	48.58 -0.44 0.00	43.08 -0.43 -0.32	37.18 -0.37 -0.40	33.28 -0.27 0.00
GENERAL___MILLS 23808	32.85 -0.07 0.00	31.06 0.61 0.00	28.38 0.36 0.00	27.32 0.56 0.00	26.72 0.19 0.00	29.23 -0.21 0.00	34.49 -1.07 0.00	37.74 -1.32 -1.29	42.67 -1.35 -5.38	35.54 -0.32 0.00	36.21 -0.26 0.00	36.77 0.00 0.00	37.75 0.23 0.00	40.23 0.63 0.00	40.60 0.84 0.00	41.03 0.57 0.00	42.20 0.38 -0.04	47.27 0.14 -0.11	67.30 -0.05 -16.15	65.25 0.15 -14.76	62.98 0.10 -13.86	43.67 0.48 0.00	37.96 0.82 0.00	35.09 1.54 0.00
GE_PLASTICS___DRP 24183	33.02 0.10 0.00	30.54 0.09 0.00	28.12 0.11 0.00	26.86 0.11 0.00	26.66 0.13 0.00	29.58 0.15 0.00	35.70 0.14 0.00	38.07 0.30 0.00	38.99 0.35 0.00	35.97 0.18 0.07	36.54 0.18 0.10	36.58 0.15 0.33	37.23 0.11 0.41	39.44 0.08 0.24	39.57 0.08 0.27	40.42 0.08 0.12	41.99 0.21 0.00	47.26 0.24 0.00	51.46 0.26 0.00	50.49 0.15 0.00	49.12 0.10 0.00	43.33 0.13 0.00	37.18 0.04 0.00	33.51 -0.03 0.00
GILBOA___1 23756	33.22 0.30 0.00	30.66 0.21 0.00	28.24 0.22 0.00	26.94 0.19 0.00	26.77 0.24 0.00	29.67 0.23 0.00	35.87 0.32 0.00	38.26 0.49 0.00	39.23 0.58 0.00	36.32 0.43 -0.03	36.94 0.44 -0.04	37.36 0.44 -0.14	38.16 0.45 -0.18	40.17 0.48 -0.10	40.36 0.48 -0.11	41.00 0.49 -0.05	42.45 0.67 0.00	47.73 0.71 0.00	51.71 0.51 0.00	50.74 0.40 0.00	49.51 0.49 0.00	43.59 0.39 0.00	37.44 0.30 0.00	33.75 0.20 0.00
GILBOA___2 23757	33.22 0.30 0.00	30.66 0.21 0.00	28.24 0.22 0.00	26.94 0.19 0.00	26.77 0.24 0.00	29.67 0.23 0.00	35.87 0.32 0.00	38.26 0.49 0.00	39.23 0.58 0.00	36.32 0.43 -0.03	36.94 0.44 -0.04	37.36 0.44 -0.14	38.16 0.45 -0.18	40.17 0.48 -0.10	40.36 0.48 -0.11	41.00 0.49 -0.05	42.45 0.67 0.00	47.73 0.71 0.00	51.71 0.51 0.00	50.74 0.40 0.00	49.51 0.49 0.00	43.59 0.39 0.00	37.44 0.30 0.00	33.75 0.20 0.00
GILBOA___3 23758	33.22 0.30 0.00	30.66 0.21 0.00	28.24 0.22 0.00	26.94 0.19 0.00	26.77 0.24 0.00	29.67 0.23 0.00	35.87 0.32 0.00	38.26 0.49 0.00	39.23 0.58 0.00	36.32 0.43 -0.03	36.94 0.44 -0.04	37.36 0.44 -0.14	38.16 0.45 -0.18	40.17 0.48 -0.10	40.36 0.48 -0.11	41.00 0.49 -0.05	42.45 0.67 0.00	47.73 0.71 0.00	51.71 0.51 0.00	50.74 0.40 0.00	49.51 0.49 0.00	43.59 0.39 0.00	37.44 0.30 0.00	33.75 0.20 0.00
GILBOA___4 23759	33.22 0.30 0.00	30.66 0.21 0.00	28.24 0.22 0.00	26.94 0.19 0.00	26.77 0.24 0.00	29.67 0.23 0.00	35.87 0.32 0.00	38.26 0.49 0.00	39.23 0.58 0.00	36.32 0.43 -0.03	36.94 0.44 -0.04	37.36 0.44 -0.14	38.16 0.45 -0.18	40.17 0.48 -0.10	40.36 0.48 -0.11	41.00 0.49 -0.05	42.45 0.67 0.00	47.73 0.71 0.00	51.71 0.51 0.00	50.74 0.40 0.00	49.51 0.49 0.00	43.59 0.39 0.00	37.44 0.30 0.00	33.75 0.20 0.00

GILBOA____ 23599	33.22 0.30 0.00	30.66 0.21 0.00	28.24 0.22 0.00	26.94 0.19 0.00	26.77 0.24 0.00	29.67 0.24 0.00	35.91 0.36 0.00	38.26 0.49 0.00	39.19 0.54 0.00	36.32 0.43 -0.03	36.94 0.44 -0.04	37.35 0.44 -0.14	38.19 0.49 -0.18	40.17 0.48 -0.10	40.35 0.48 -0.11	41.00 0.49 -0.05	42.45 0.67 0.00	47.73 0.71 0.00	51.87 0.67 0.00	50.89 0.55 0.00	49.51 0.49 0.00	43.63 0.43 0.00	37.44 0.30 0.00	33.75 0.20 0.00
GINNA____ 23603	31.34 -1.58 0.00	29.32 -1.13 0.00	26.81 -1.20 0.00	25.71 -1.04 0.00	25.28 -1.25 0.00	27.90 -1.53 0.00	33.39 -2.17 0.00	35.39 -2.30 0.07	36.02 -2.32 0.30	34.32 -1.54 0.00	34.82 -1.64 0.00	35.26 -1.51 0.00	36.18 -1.35 0.00	38.29 -1.31 0.00	38.53 -1.23 0.00	39.04 -1.42 0.00	40.23 -1.54 0.00	45.18 -1.83 0.01	48.33 -1.95 0.93	47.78 -1.71 0.85	46.47 -1.76 0.80	41.73 -1.47 0.00	35.92 -1.22 0.00	32.64 -0.90 0.00
GLEN PARK____ 23778	34.70 1.78 0.00	32.12 1.67 0.00	29.58 1.57 0.00	28.25 1.50 0.00	27.99 1.46 0.00	31.05 1.62 0.00	37.69 2.13 0.00	40.83 2.23 -0.84	41.60 1.97 -0.99	38.45 1.72 -0.86	39.02 1.50 -1.06	39.08 1.43 -0.88	39.90 1.43 -0.94	42.18 1.62 -0.96	41.99 1.43 -0.80	42.88 1.42 -1.01	42.99 1.21 0.00	48.62 1.60 0.00	53.66 2.46 0.00	53.36 3.02 0.00	52.31 3.29 0.00	46.47 2.89 -0.38	40.04 2.41 -0.48	35.70 2.15 0.00
GLENDALE_27_KV_LOAD 356172	34.40 1.48 0.00	31.57 1.13 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.46 1.03 0.00	37.16 1.60 0.00	39.80 2.04 0.00	40.85 2.20 0.00	37.95 1.94 -0.15	38.83 2.15 -0.21	39.65 2.17 -0.71	40.73 2.33 -0.88	42.39 2.30 -0.50	42.68 2.35 -0.57	43.15 2.43 -0.26	44.66 2.88 0.00	49.99 2.96 0.00	53.86 2.66 0.00	52.66 2.32 0.00	50.79 1.76 0.00	44.84 1.64 0.00	38.52 1.37 0.00	34.79 1.24 0.00
GLENWOOD_IC_1_G5 23712	34.20 1.28 0.00	31.36 0.91 0.00	28.83 0.81 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.58 1.93 0.00	37.73 1.72 -0.15	38.83 2.15 -0.21	39.54 2.06 -0.72	40.51 2.10 -0.88	41.92 1.82 -0.50	42.20 1.87 -0.57	42.62 1.90 -0.26	43.91 2.13 0.00	49.28 2.26 0.00	52.89 1.69 0.00	51.75 1.41 0.00	50.59 1.57 0.00	44.54 1.34 0.00	38.55 1.41 0.00	34.52 0.97 0.00
GLENWOOD_IC_2_G1 23688	34.07 1.15 0.00	31.24 0.79 0.00	28.74 0.73 0.00	27.34 0.59 0.00	27.22 0.69 0.00	30.29 0.85 0.00	36.83 1.28 0.00	39.47 1.70 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.61 1.93 -0.21	39.32 1.84 -0.72	40.28 1.88 -0.88	41.80 1.70 -0.50	42.04 1.71 -0.57	42.42 1.70 -0.26	43.83 2.05 0.00	49.14 2.12 0.00	53.10 1.90 0.00	51.90 1.56 0.00	50.49 1.47 0.00	44.41 1.21 0.00	38.33 1.19 0.00	34.42 0.87 0.00
GLENWOOD_IC_3_G1 23689	34.07 1.15 0.00	31.24 0.79 0.00	28.74 0.73 0.00	27.34 0.59 0.00	27.22 0.69 0.00	30.29 0.85 0.00	36.83 1.28 0.00	39.47 1.70 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.61 1.93 -0.21	39.32 1.84 -0.72	40.28 1.88 -0.88	41.80 1.70 -0.50	42.04 1.71 -0.57	42.42 1.70 -0.26	43.83 2.05 0.00	49.14 2.12 0.00	53.10 1.90 0.00	51.90 1.56 0.00	50.49 1.47 0.00	44.41 1.21 0.00	38.33 1.19 0.00	34.42 0.87 0.00
GLENWOOD____4 23550	34.20 1.28 0.00	31.36 0.91 0.00	28.83 0.81 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.58 1.93 0.00	37.73 1.72 -0.15	38.83 2.15 -0.21	39.54 2.06 -0.72	40.51 2.10 -0.88	41.92 1.82 -0.50	42.20 1.87 -0.57	42.62 1.90 -0.26	43.91 2.13 0.00	49.28 2.26 0.00	53.04 1.84 0.00	51.90 1.56 0.00	50.59 1.57 0.00	44.54 1.34 0.00	38.55 1.41 0.00	34.52 0.97 0.00
GLENWOOD____5 23614	34.20 1.28 0.00	31.36 0.91 0.00	28.83 0.81 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.58 1.93 0.00	37.73 1.72 -0.15	38.83 2.15 -0.21	39.54 2.06 -0.72	40.51 2.10 -0.88	41.92 1.82 -0.50	42.20 1.87 -0.57	42.62 1.90 -0.26	43.91 2.13 0.00	49.28 2.26 0.00	53.04 1.84 0.00	51.90 1.56 0.00	50.59 1.57 0.00	44.54 1.34 0.00	38.55 1.41 0.00	34.52 0.97 0.00
GLOBAL GREEN_PORT_GT1 23814	34.10 1.18 0.00	31.09 0.64 0.00	28.63 0.62 0.00	27.08 0.32 0.00	26.98 0.45 0.00	30.05 0.62 0.00	36.27 0.71 0.00	38.97 1.21 0.00	40.00 1.35 0.00	37.16 1.15 -0.15	38.75 2.08 -0.21	39.25 1.76 -0.72	40.02 1.61 -0.88	41.05 0.95 -0.50	41.37 1.03 -0.57	41.61 0.89 -0.26	42.98 1.21 0.01	48.66 1.65 0.01	52.42 1.23 0.01	51.14 0.80 0.01	49.70 0.69 0.01	43.67 0.48 0.00	38.03 0.89 0.00	34.25 0.71 0.00
GLOBE____DSASP 323697	31.83 -1.09 0.00	30.11 -0.33 0.00	27.54 -0.48 0.00	27.05 0.29 0.00	25.92 -0.61 0.00	28.29 -1.15 0.00	33.35 -2.20 0.00	34.96 -2.64 0.16	35.25 -2.74 0.65	34.32 -1.54 0.00	34.97 -1.49 0.00	35.56 -1.21 0.00	36.48 -1.05 0.00	38.84 -0.75 0.00	39.21 -0.56 0.00	39.57 -0.89 0.00	40.60 -1.17 0.00	45.41 -1.60 0.01	47.20 -2.00 2.01	46.75 -1.76 1.83	45.59 -1.72 1.72	42.29 -0.91 0.00	36.81 -0.33 0.00	33.98 0.44 0.00
GOETHSLN____LBMP 323567	33.91 0.99 0.00	31.12 0.67 0.00	28.63 0.62 0.00	27.24 0.48 0.00	27.17 0.64 0.00	30.20 0.77 0.00	36.84 1.28 0.00	39.43 1.66 0.00	40.50 1.85 0.00	37.63 1.61 -0.15	38.43 1.75 -0.21	39.21 1.73 -0.71	40.24 1.84 -0.88	41.88 1.78 -0.50	42.12 1.79 -0.57	42.58 1.86 -0.26	44.08 2.30 0.00	49.23 2.21 0.00	53.20 2.00 0.00	52.05 1.71 0.00	50.40 1.37 0.00	44.45 1.25 0.00	38.18 1.04 0.00	34.28 0.74 0.00
GOLAH____69_KV_TB 1_2 80279	33.25 0.33 0.00	31.18 0.73 0.00	28.52 0.50 0.00	27.32 0.56 0.00	26.82 0.29 0.00	29.52 0.09 0.00	35.06 -0.50 0.00	37.11 -0.60 0.06	37.79 -0.62 0.23	35.90 0.04 0.00	36.53 0.07 0.00	37.06 0.29 0.00	37.98 0.45 0.00	40.31 0.71 0.00	40.60 0.84 0.00	41.03 0.57 0.00	42.24 0.46 0.00	47.44 0.42 0.00	51.05 0.56 0.71	50.44 0.76 0.65	49.25 0.83 0.61	44.15 0.95 0.00	38.11 0.97 0.00	34.85 1.31 0.00
GOODYEAR_LAKE_HYD 323669	33.91 0.99 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.53 0.78 0.00	27.30 0.77 0.00	30.29 0.85 0.00	36.73 1.17 0.00	39.44 1.40 -0.28	40.53 1.39 -0.49	37.38 1.29 -0.23	38.02 1.28 -0.28	38.25 1.25 -0.23	39.13 1.35 -0.25	41.31 1.46 -0.25	41.36 1.39 -0.21	42.10 1.38 -0.26	43.24 1.46 0.00	48.67 1.65 0.00	53.86 1.95 -0.71	53.05 2.06 -0.65	51.59 1.96 -0.61	44.90 1.60 -0.10	38.57 1.30 -0.13	34.69 1.14 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.05 0.13 0.00	30.72 0.27 0.00	28.21 0.20 0.00	27.00 0.24 0.00	26.66 0.13 0.00	29.52 0.09 0.00	35.56 0.00 0.00	38.40 0.04 -0.59	39.75 0.04 -1.07	36.56 0.22 -0.48	37.27 0.22 -0.59	37.55 0.29 -0.49	38.43 0.38 -0.53	40.65 0.51 -0.54	40.73 0.52 -0.45	41.47 0.45 -0.56	42.24 0.46 0.00	47.50 0.47 -0.01	53.22 0.46 -1.56	52.32 0.55 -1.43	50.90 0.54 -1.34	43.88 0.48 -0.21	37.86 0.45 -0.27	34.12 0.57 0.00

GOUDEY___7 23579	33.05 0.13 0.00	30.72 0.27 0.00	28.21 0.20 0.00	27.00 0.24 0.00	26.66 0.13 0.00	29.52 0.09 0.00	35.56 0.00 0.00	38.40 0.04 -0.59	39.75 0.04 -1.07	36.56 0.22 -0.48	37.27 0.22 -0.59	37.55 0.29 -0.49	38.43 0.38 -0.53	40.65 0.51 -0.54	40.73 0.52 -0.45	41.47 0.45 -0.56	42.24 0.46 0.00	47.50 0.47 -0.01	53.22 0.46 -1.56	52.32 0.55 -1.43	50.90 0.54 -1.34	43.88 0.48 -0.21	37.86 0.45 -0.27	34.12 0.57 0.00
GOUDEY___8 23580	33.05 0.13 0.00	30.72 0.27 0.00	28.21 0.20 0.00	27.00 0.24 0.00	26.66 0.13 0.00	29.52 0.09 0.00	35.56 0.00 0.00	38.40 0.04 -0.59	39.75 0.04 -1.07	36.56 0.22 -0.48	37.27 0.22 -0.59	37.55 0.29 -0.49	38.43 0.38 -0.53	40.65 0.51 -0.54	40.73 0.52 -0.45	41.47 0.45 -0.56	42.24 0.46 0.00	47.50 0.47 -0.01	53.22 0.46 -1.56	52.32 0.55 -1.43	50.90 0.54 -1.34	43.88 0.48 -0.21	37.86 0.45 -0.27	34.12 0.57 0.00
GOWANUS_GT1_1 24077	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
GOWANUS_GT1_2 24078	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
GOWANUS_GT1_3 24079	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
GOWANUS_GT1_4 24080	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
GOWANUS_GT1_5 24084	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
GOWANUS_GT1_6 24111	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00																	

GOWANUS_GT2_6 24119	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
GOWANUS_GT2_7 24120	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
GOWANUS_GT2_8 24121	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
GOWANUS_GT3_1 24122	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
GOWANUS_GT3_2 24123	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
GOWANUS_GT3_3 24124	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
GOWANUS_GT3_4 24125	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
GOWANUS_GT3_5 24126	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36																	

GOWANUS_GT4_5 24134	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
GOWANUS_GT4_6 24135	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
GOWANUS_GT4_7 24136	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
GOWANUS_GT4_8 24137	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
GREATVR_69_KV_BK1 356245	34.63 1.71 0.00	31.60 1.16 0.00	29.08 1.06 0.00	27.56 0.80 0.00	27.46 0.93 0.00	30.55 1.12 0.00	37.26 1.71 0.00	39.92 2.15 0.00	40.85 2.20 0.00	38.02 2.01 -0.15	39.45 2.77 -0.21	39.99 2.50 -0.72	40.85 2.44 -0.88	41.92 1.82 -0.50	42.16 1.83 -0.57	42.62 1.90 -0.26	43.78 2.01 0.01	49.32 2.30 0.01	53.40 2.20 0.01	52.15 1.81 0.01	50.68 1.67 0.01	44.58 1.38 0.00	39.15 2.01 0.00	34.85 1.31 0.00
GREENBSH_115KV_TB3 55895	32.85 -0.07 0.00	30.39 -0.06 0.00	28.01 0.00 0.00	26.76 0.00 0.00	26.56 0.03 0.00	29.43 0.00 0.00	35.52 -0.04 0.00	37.92 0.15 0.00	38.84 0.19 0.00	35.75 0.00 0.11	36.31 0.00 0.15	36.23 -0.04 0.50	36.73 -0.19 0.61	39.04 -0.20 0.35	39.20 -0.16 0.40	40.07 -0.20 0.18	41.70 -0.08 0.00	46.93 -0.09 0.00	51.10 -0.10 0.00	50.14 -0.20 0.00	48.78 -0.25 0.00	43.07 -0.13 0.00	36.99 -0.15 0.00	33.31 -0.23 0.00
GREENDGE_115KV_TB5 80291	33.22 0.30 0.00	30.96 0.52 0.00	28.38 0.36 0.00	27.24 0.48 0.00	26.82 0.29 0.00	29.67 0.24 0.00	35.63 0.07 0.00	38.46 0.11 -0.58	40.00 0.12 -1.24	36.63 0.36 -0.41	37.33 0.36 -0.50	37.66 0.48 -0.41	38.54 0.56 -0.44	40.84 0.79 -0.45	40.93 0.80 -0.38	41.62 0.69 -0.47	42.45 0.67 -0.01	47.56 0.52 -0.02	54.17 0.61 -2.35	53.35 0.86 -2.15	51.88 0.83 -2.02	44.11 0.73 -0.18	38.30 0.93 -0.23	34.65 1.11 0.00
GREENIDGE___3 23582	33.22 0.30 0.00	30.96 0.52 0.00	28.38 0.36 0.00	27.24 0.48 0.00	26.82 0.29 0.00	29.67 0.24 0.00	35.63 0.07 0.00	38.46 0.11 -0.58	40.00 0.12 -1.24	36.63 0.36 -0.41	37.33 0.36 -0.50	37.66 0.48 -0.41	38.54 0.56 -0.44	40.84 0.79 -0.45	40.93 0.80 -0.38	41.62 0.69 -0.47	42.45 0.67 -0.01	47.56 0.52 -0.02	54.17 0.61 -2.35	53.35 0.86 -2.15	51.88 0.83 -2.02	44.11 0.73 -0.18	38.30 0.93 -0.23	34.65 1.11 0.00
GREENIDGE___4 23583	33.22 0.30 0.00	31.02 0.58 0.00	28.38 0.36 0.00	27.24 0.48 0.00	26.82 0.29 0.00	29.67 0.23 0.00	35.66 0.11 0.00	38.46 0.11 -0.58	39.96 0.08 -1.24	36.70 0.43 -0.41	37.33 0.36 -0.50	37.66 0.48 -0.41	38.57 0.60 -0.44	40.84 0.79 -0.45	40.93 0.79 -0.38	41.66 0.73 -0.47	42.45 0.67 -0.01	47.56 0.52 -0.02	54.17 0.62 -2.35	53.45 0.95 -2.15	51.88 0.83 -2.02	44.11 0.73 -0.18	38.30 0.93 -0.23	34.65 1.11 0.00
GREENLWN_69_KV_BK 3 55738	34.01 1.09 0.00	31.06 0.61 0.00	28.57 0.56 0.00	27.10 0.35 0.00	26.98 0.45 0.00	30.05 0.62 0.00	36.62 1.07 0.00	39.28 1.51 0.00	40.19 1.55 0.00	37.41 1.40 -0.15	38.72 2.04 -0.21	39.32 1.84 -0.72	40.13 1.73 -0.88	41.13 1.03 -0.50	41.37 1.03 -0.57	41.73 1.01 -0.26	42.82 1.04 0.01	48.05 1.03 0.01	51.91 0.72 0.01	50.74 0.40 0.01	49.26 0.25 0.01	43.37 0.17 0.00	38.37 1.23 0.00	34.25 0.70 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00
GRISSOM___SOLAR 323813	34.53 1.61 0.00	31.91 1.46 0.00	29.36 1.34 0.00	28.01 1.26 0.00	27.80 1.27 0.00	30.94 1.50 0.00	37.30 1.74 0.00	39.62 1.85 0.00	40.31 1.66 0.00	36.90 1.11 0.08	37.15 0.80 0.11	36.96 0.55 0.36	37.57 0.49 0.44	39.70 0.36 0.25	39.83 0.36 0.29	40.82 0.49 0.13	42.45 0.67 0.00	48.24 1.22 0.00	53.56 2.36 0.00	53.21 2.87 0.00	51.87 2.84 0.00	45.53 2.33 0.00	39.07 1.93 0.00	35.16 1.61 0.00
GROVEVILLE___HYD 323602	34.01 1.09 0.00	31.27 0.82 0.00	28.80 0.78 0.00	27.42 0.67 0.00	27.27 0.74 0.00	30.29 0.85 0.00	36.80 1.24 0.00	39.31 1.55 0.00	40.27 1.62 0.00	37.38 1.40 -0.12	37.98 1.35 -0.17	38.67 1.32 -0.58	39.74 1.50 -0.71	41.55 1.54 -0.41	41.78 1.55 -0.47	42.33 1.66 -0.21	43.70 1.92 0.00	49.14 2.12 0.00	53.30 2.10 0.00	52.30 1.96 0.00	50.74 1.72 0.00	44.62 1.43 0.00	38.26 1.11 0.00	34.38 0.84 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.72 -0.20 0.00	30.33 -0.12 0.00	27.84 -0.17 0.00	26.65 -0.11 0.00	26.34 -0.19 0.00	29.20 -0.24 0.00	35.24 -0.32 0.00	38.50 -0.34 -1.07	39.60 -0.31 -1.26	36.75 -0.22 -1.10	37.63 -0.18 -1.35	37.74 -0.15 -1.12	38.62 -0.11 -1.20	40.78 -0.04 -1.23	40.70 -0.08 -1.02	41.58 -0.16 -1.28	41.57 -0.21 0.00	46.84 -0.19 0.00	51.05 -0.15 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.55 -0.13 -0.48	37.64 -0.11 -0.61	33.51 -0.03 0.00
HAMLTNNY_34_KV_TB 80303	32.85 -0.07 0.00	30.48 0.03 0.00	27.98 -0.03 0.00	26.78 0.03 0.00	26.45 -0.08 0.00	29.32 -0.12 0.00	35.27 -0.28 0.00	38.49 -0.30 -1.03	39.58 -0.27 -1.21	36.81 -0.11 -1.06	37.69 -0.07 -1.30	37.84 0.00 -1.07	38.72 0.04 -1.15	40.93 0.16 -1.18	40.90 0.16 -0.98	41.73 0.04 -1.23	41.82 0.04 0.00	47.07 0.05 0.00	51.25 0.05 0.00	50.54 0.20 0.00	49.22 0.20 0.00	43.79 0.13 -0.46	37.84 0.11 -0.59	33.75 0.20 0.00

HAMPSHIRE___PAPER_HYD 323593	34.24 1.32 0.00	31.67 1.22 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.62 1.09 0.00	30.67 1.24 0.00	37.19 1.64 0.00	39.77 1.66 -0.35	40.52 1.47 -0.41	37.47 1.25 -0.36	38.10 1.20 -0.44	38.27 1.14 -0.36	39.01 1.09 -0.39	41.14 1.15 -0.40	41.25 1.15 -0.33	42.05 1.17 -0.42	42.61 0.84 0.00	47.92 0.89 0.00	52.48 1.28 0.00	51.90 1.56 0.00	50.79 1.76 0.00	45.17 1.81 -0.16	39.01 1.67 -0.20	35.09 1.54 0.00
HARDSCRABBLE_WT_PWR 323673	32.59 -0.33 0.00	30.14 -0.30 0.00	27.76 -0.25 0.00	26.51 -0.24 0.00	26.32 -0.21 0.00	29.20 -0.24 0.00	35.34 -0.21 0.00	37.58 -0.19 0.00	38.49 -0.15 0.00	35.75 -0.11 0.00	36.39 -0.07 0.00	36.70 -0.07 0.00	37.53 0.00 0.00	39.63 0.04 0.00	39.80 0.04 0.00	40.42 -0.04 0.00	41.74 -0.04 0.00	47.02 0.00 0.00	51.36 0.15 0.00	50.49 0.15 0.00	49.17 0.15 0.00	43.24 0.04 0.00	37.18 0.04 0.00	33.51 -0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.84 0.92 0.00	31.12 0.67 0.00	28.63 0.62 0.00	27.29 0.54 0.00	27.14 0.61 0.00	30.14 0.71 0.00	36.66 1.10 0.00	39.16 1.40 0.00	40.11 1.47 0.00	37.27 1.29 -0.12	37.87 1.24 -0.17	38.58 1.25 -0.56	39.64 1.43 -0.69	41.45 1.46 -0.40	41.64 1.43 -0.45	42.20 1.54 -0.21	43.58 1.80 0.00	48.95 1.93 0.00	53.04 1.84 0.00	52.05 1.71 0.00	50.54 1.52 0.00	44.41 1.21 0.00	38.11 0.97 0.00	34.28 0.74 0.00
HARSNRAD_115KV_TB1 81005	32.79 -0.13 0.00	31.00 0.55 0.00	28.35 0.34 0.00	27.08 0.32 0.00	26.66 0.13 0.00	29.14 -0.29 0.00	34.10 -1.46 0.00	36.12 -1.81 -0.17	37.44 -1.89 -0.69	35.07 -0.79 0.00	35.73 -0.73 0.00	36.33 -0.44 0.00	37.27 -0.26 0.00	39.71 0.12 0.00	40.08 0.32 0.00	40.46 0.00 0.00	41.58 -0.21 -0.01	46.47 -0.56 -0.01	52.49 -0.77 -2.05	51.66 -0.55 -1.88	50.30 -0.49 -1.76	43.24 0.04 0.00	37.62 0.48 0.00	34.92 1.38 0.00
HARZA MOOSE___RIVER 24016	33.97 1.05 0.00	31.39 0.94 0.00	28.91 0.90 0.00	27.61 0.86 0.00	27.38 0.85 0.00	30.38 0.94 0.00	36.80 1.24 0.00	39.42 1.36 -0.29	40.23 1.24 -0.34	37.20 1.04 -0.30	37.82 0.98 -0.37	37.99 0.92 -0.30	38.80 0.94 -0.33	41.00 1.07 -0.34	41.08 1.03 -0.28	41.78 0.97 -0.35	42.66 0.88 0.00	48.11 1.08 0.00	52.74 1.54 0.00	52.10 1.76 0.00	50.89 1.86 0.00	44.97 1.64 -0.13	38.68 1.37 -0.17	34.79 1.24 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.53 -0.40 0.00	30.14 -0.30 0.00	27.70 -0.31 0.00	26.49 -0.27 0.00	26.21 -0.32 0.00	29.05 -0.38 0.00	35.02 -0.53 0.00	37.76 -0.60 -0.59	38.80 -0.54 -0.70	36.04 -0.43 -0.61	36.81 -0.40 -0.75	37.02 -0.37 -0.62	37.86 -0.34 -0.67	40.00 -0.28 -0.68	40.05 -0.28 -0.57	40.77 -0.40 -0.71	41.32 -0.46 0.00	46.51 -0.52 0.00	50.69 -0.51 0.00	49.89 -0.45 0.00	48.58 -0.44 0.00	43.03 -0.43 -0.27	37.15 -0.33 -0.34	33.31 -0.23 0.00
HELLGATE_13_KV_LD 55870	34.37 1.45 0.00	31.57 1.13 0.00	29.08 1.06 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.46 1.03 0.00	37.12 1.56 0.00	39.77 2.00 0.00	40.81 2.16 0.00	37.91 1.90 -0.15	38.83 2.15 -0.21	39.62 2.13 -0.71	40.69 2.29 -0.88	42.35 2.26 -0.50	42.64 2.31 -0.57	43.11 2.39 -0.26	44.62 2.84 0.00	49.94 2.92 0.00	53.81 2.61 0.00	52.56 2.21 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.48 1.34 0.00	34.79 1.24 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.37 1.45 0.00	31.57 1.13 0.00	29.08 1.06 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.46 1.03 0.00	37.12 1.56 0.00	39.77 2.00 0.00	40.81 2.16 0.00	37.91 1.90 -0.15	38.83 2.15 -0.21	39.62 2.13 -0.71	40.69 2.29 -0.88	42.35 2.26 -0.50	42.64 2.31 -0.57	43.11 2.39 -0.26	44.62 2.84 0.00	49.94 2.92 0.00	53.81 2.61 0.00	52.56 2.21 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.48 1.34 0.00	34.79 1.24 0.00
HEMPSTEAD____ 23647	34.07 1.15 0.00	31.18 0.73 0.00	28.68 0.67 0.00	27.24 0.48 0.00	27.11 0.58 0.00	30.20 0.76 0.00	36.77 1.21 0.00	39.39 1.62 0.00	40.34 1.70 0.00	37.48 1.47 -0.15	38.72 2.04 -0.21	39.36 1.87 -0.72	40.21 1.80 -0.88	41.52 1.42 -0.50	41.76 1.43 -0.57	42.10 1.38 -0.26	43.45 1.67 0.01	48.76 1.74 0.01	52.63 1.43 0.01	51.44 1.11 0.01	50.05 1.03 0.01	43.98 0.78 0.00	38.29 1.15 0.00	34.35 0.80 0.00
HICKLING___1 23621	33.22 0.30 0.00	31.03 0.58 0.00	28.43 0.42 0.00	27.26 0.51 0.00	26.85 0.32 0.00	29.67 0.24 0.00	35.59 0.04 0.00	38.49 0.08 -0.65	40.24 0.08 -1.52	36.70 0.43 -0.41	37.44 0.47 -0.50	37.74 0.55 -0.42	38.61 0.64 -0.45	40.96 0.91 -0.46	41.06 0.91 -0.38	41.75 0.81 -0.48	42.54 0.75 -0.01	47.84 0.80 -0.02	55.16 0.77 -3.19	54.26 1.01 -2.91	52.79 1.03 -2.73	44.28 0.91 -0.18	38.30 0.93 -0.23	34.75 1.21 0.00
HICKLING___2 23622	33.22 0.30 0.00	31.03 0.58 0.00	28.43 0.42 0.00	27.26 0.51 0.00	26.85 0.32 0.00	29.67 0.24 0.00	35.59 0.04 0.00	38.49 0.08 -0.65	40.24 0.08 -1.52	36.70 0.43 -0.41	37.44 0.47 -0.50	37.74 0.55 -0.42	38.61 0.64 -0.45	40.96 0.91 -0.46	41.06 0.91 -0.38	41.75 0.81 -0.48	42.54 0.75 -0.01	47.84 0.80 -0.02	55.16 0.77 -3.19	54.26 1.01 -2.91	52.79 1.03 -2.73	44.28 0.91 -0.18	38.30 0.93 -0.23	34.75 1.21 0.00
HIGH FALLS___HY 23754	33.94 1.02 0.00	31.18 0.73 0.00	28.69 0.67 0.00	27.34 0.59 0.00	27.17 0.64 0.00	30.17 0.74 0.00	36.73 1.17 0.00	39.20 1.44 0.00	40.15 1.51 0.00	37.23 1.29 -0.08	37.77 1.20 -0.11	38.30 1.18 -0.36	39.39 1.43 -0.44	41.35 1.50 -0.25	41.52 1.47 -0.29	42.21 1.62 -0.13	43.74 1.96 0.00	49.19 2.16 0.00	53.30 2.10 0.00	52.35 2.01 0.00	50.79 1.76 0.00	44.58 1.38 0.00	38.22 1.08 0.00	34.38 0.84 0.00
HIGH_RIVER___SOLAR 323847	33.88 0.96 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.50 0.75 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.55 0.99 0.00	38.94 1.17 0.00	39.77 1.12 0.00	36.60 0.83 0.08	37.00 0.66 0.12	36.93 0.55 0.39	37.65 0.60 0.48	39.63 0.32 0.28	39.65 0.20 0.31	40.64 0.32 0.14	42.15 0.38 0.00	47.59 0.57 0.00	52.63 1.43 0.00	52.00 1.66 0.00	50.69 1.67 0.00	44.58 1.38 0.00	38.26 1.11 0.00	34.45 0.91 0.00
HILLBURN___GT 23639	33.84 0.92 0.00	31.12 0.67 0.00	28.63 0.62 0.00	27.29 0.53 0.00	27.14 0.61 0.00	30.17 0.74 0.00	36.69 1.14 0.00	39.24 1.47 0.00	40.23 1.59 0.00	37.31 1.33 -0.13	38.06 1.42 -0.18	38.76 1.40 -0.59	39.76 1.50 -0.72	41.55 1.54 -0.42	41.75 1.51 -0.47	42.25 1.58 -0.22	43.66 1.88 0.00	49.00 1.97 0.00	52.99 1.79 0.00	51.90 1.56 0.00	50.49 1.47 0.00	44.37 1.17 0.00	38.11 0.96 0.00	34.25 0.71 0.00
HILLSIDE_115KV_TB1 80332	32.89 -0.03 0.00	30.69 0.24 0.00	28.12 0.11 0.00	26.97 0.21 0.00	26.58 0.05 0.00	29.38 -0.06 0.00	35.27 -0.28 0.00	38.10 -0.30 -0.63	39.73 -0.31 -1.39	36.32 0.04 -0.43	37.02 0.04 -0.53	37.35 0.15 -0.43	38.22 0.23 -0.47	40.55 0.48 -0.48	40.60 0.44 -0.40	41.28 0.32 -0.50	42.08 0.29 -0.01	47.32 0.28 -0.02	54.10 0.15 -2.75	53.25 0.40 -2.51	51.82 0.44 -2.36	43.77 0.39 -0.19	37.83 0.45 -0.24	34.28 0.74 0.00

HISHELDN_WT_PWR 323625	32.76 -0.16 0.00	30.96 0.52 0.00	28.26 0.25 0.00	27.24 0.48 0.00	26.64 0.11 0.00	29.20 -0.24 0.00	34.63 -0.92 0.00	37.49 -1.25 -0.97	41.32 -1.35 -4.03	35.57 -0.29 0.00	36.06 -0.40 0.00	36.55 -0.22 0.00	37.60 0.08 0.00	39.91 0.32 0.00	40.16 0.40 0.00	40.78 0.32 0.00	41.89 0.08 -0.03	47.01 -0.09 -0.08	63.11 -0.20 -12.11	61.66 0.25 -11.06	59.46 0.05 -10.39	43.59 0.39 0.00	37.77 0.63 0.00	34.85 1.31 0.00
HOLTSVILLE_IC_1 23690	34.10 1.18 0.00	31.09 0.64 0.00	28.66 0.64 0.00	27.16 0.40 0.00	27.06 0.53 0.00	30.11 0.68 0.00	36.62 1.07 0.00	39.28 1.51 0.00	40.23 1.59 0.00	37.34 1.33 -0.15	38.75 2.08 -0.21	39.29 1.80 -0.72	40.06 1.65 -0.88	41.09 0.99 -0.50	41.37 1.03 -0.57	41.65 0.93 -0.26	42.90 1.13 0.01	48.38 1.36 0.01	52.22 1.02 0.01	50.99 0.65 0.01	49.65 0.64 0.01	43.63 0.43 0.00	38.29 1.15 0.00	34.28 0.74 0.00
HOLTSVILLE_IC_10 23699	34.24 1.32 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.24 0.48 0.00	27.14 0.61 0.00	30.20 0.76 0.00	36.77 1.21 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.97 2.30 -0.21	39.47 1.98 -0.72	40.28 1.88 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.19 1.42 0.01	48.71 1.69 0.01	52.58 1.38 0.01	51.34 1.01 0.01	49.95 0.93 0.01	43.89 0.69 0.00	38.48 1.34 0.00	34.42 0.87 0.00
HOLTSVILLE_IC_2 23691	34.10 1.18 0.00	31.09 0.64 0.00	28.66 0.64 0.00	27.16 0.40 0.00	27.06 0.53 0.00	30.11 0.68 0.00	36.62 1.07 0.00	39.28 1.51 0.00	40.23 1.59 0.00	37.34 1.33 -0.15	38.75 2.08 -0.21	39.29 1.80 -0.72	40.06 1.65 -0.88	41.09 0.99 -0.50	41.37 1.03 -0.57	41.65 0.93 -0.26	42.90 1.13 0.01	48.38 1.36 0.01	52.22 1.02 0.01	50.99 0.65 0.01	49.65 0.64 0.01	43.63 0.43 0.00	38.29 1.15 0.00	34.28 0.74 0.00
HOLTSVILLE_IC_3 23692	34.10 1.18 0.00	31.09 0.64 0.00	28.66 0.64 0.00	27.16 0.40 0.00	27.06 0.53 0.00	30.11 0.68 0.00	36.62 1.07 0.00	39.28 1.51 0.00	40.23 1.59 0.00	37.34 1.33 -0.15	38.75 2.08 -0.21	39.29 1.80 -0.72	40.06 1.65 -0.88	41.09 0.99 -0.50	41.37 1.03 -0.57	41.65 0.93 -0.26	42.90 1.13 0.01	48.38 1.36 0.01	52.22 1.02 0.01	50.99 0.65 0.01	49.65 0.64 0.01	43.63 0.43 0.00	38.29 1.15 0.00	34.28 0.74 0.00
HOLTSVILLE_IC_4 23693	34.10 1.18 0.00	31.09 0.64 0.00	28.66 0.64 0.00	27.16 0.40 0.00	27.06 0.53 0.00	30.11 0.68 0.00	36.62 1.07 0.00	39.28 1.51 0.00	40.23 1.59 0.00	37.34 1.33 -0.15	38.75 2.08 -0.21	39.29 1.80 -0.72	40.06 1.65 -0.88	41.09 0.99 -0.50	41.37 1.03 -0.57	41.65 0.93 -0.26	42.90 1.13 0.01	48.38 1.36 0.01	52.22 1.02 0.01	50.99 0.65 0.01	49.65 0.64 0.01	43.63 0.43 0.00	38.29 1.15 0.00	34.28 0.74 0.00
HOLTSVILLE_IC_5 23694	34.10 1.18 0.00	31.09 0.64 0.00	28.66 0.64 0.00	27.16 0.40 0.00	27.06 0.53 0.00	30.11 0.68 0.00	36.62 1.07 0.00	39.28 1.51 0.00	40.23 1.59 0.00	37.34 1.33 -0.15	38.75 2.08 -0.21	39.29 1.80 -0.72	40.06 1.65 -0.88	41.09 0.99 -0.50	41.37 1.03 -0.57	41.65 0.93 -0.26	42.90 1.13 0.01	48.38 1.36 0.01	52.22 1.02 0.01	50.99 0.65 0.01	49.65 0.64 0.01	43.63 0.43 0.00	38.29 1.15 0.00	34.28 0.74 0.00
HOLTSVILLE_IC_6 23695	34.24 1.32 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.24 0.48 0.00	27.14 0.61 0.00	30.20 0.76 0.00	36.77 1.21 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.97 2.30 -0.21	39.47 1.98 -0.72	40.28 1.88 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.19 1.42 0.01	48.71 1.69 0.01	52.58 1.38 0.01	51.34 1.01 0.01	49.95 0.93 0.01	43.89 0.69 0.00	38.48 1.34 0.00	34.42 0.87 0.00
HOLTSVILLE_IC_7 23696	34.24 1.32 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.24 0.48 0.00	27.14 0.61 0.00	30.20 0.76 0.00	36.77 1.21 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.97 2.30 -0.21	39.47 1.98 -0.72	40.28 1.88 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.19 1.42 0.01	48.71 1.69 0.01	52.58 1.38 0.01	51.34 1.01 0.01	49.95 0.93 0.01	43.89 0.69 0.00	38.48 1.34 0.00	34.42 0.87 0.00
HOLTSVILLE_IC_8 23697	34.24 1.32 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.24 0.48 0.00	27.14 0.61 0.00	30.20 0.76 0.00	36.77 1.21 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.97 2.30 -0.21	39.47 1.98 -0.72	40.28 1.88 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.19 1.42 0.01	48.71 1.69 0.01	52.58 1.38 0.01	51.34 1.01 0.01	49.95 0.93 0.01	43.89 0.69 0.00	38.48 1.34 0.00	34.42 0.87 0.00
HOLTSVILLE_IC_9 23698	34.24 1.32 0.00	31.24 0.79 0.00	28.77 0.76 0.00	27.24 0.48 0.00	27.14 0.61 0.00	30.20 0.76 0.00	36.77 1.21 0.00	39.43 1.66 0.00	40.39 1.74 0.00	37.52 1.51 -0.15	38.97 2.30 -0.21	39.47 1.98 -0.72	40.28 1.88 -0.88	41.36 1.27 -0.50	41.61 1.27 -0.57	41.90 1.17 -0.26	43.19 1.42 0.01	48.71 1.69 0.01	52.58 1.38 0.01	51.34 1.01 0.01	49.95 0.93 0.01	43.89 0.69 0.00	38.48 1.34 0.00	34.42 0.87 0.00
HOMER_HL_115KV_TB2 355744	32.56 -0.36 0.00	30.72 0.27 0.00	28.07 0.06 0.00	27.00 0.24 0.00	26.45 -0.08 0.00	29.08 -0.35 0.00	34.67 -0.89 0.00	37.32 -1.17 -0.72	40.42 -1.24 -3.01	35.50 -0.36 0.00	36.10 -0.36 0.00	36.62 -0.15 0.00	37.53 0.00 0.00	40.03 0.44 0.00	40.28 0.52 0.00	40.82 0.36 0.00	41.93 0.13 -0.02	46.90 -0.19 -0.06	60.14 -0.51 -9.45	58.77 -0.20 -8.63	56.98 -0.15 -8.11	43.28 0.09 0.00	37.51 0.37 0.00	34.62 1.07 0.00
HOWARD_WT_PWR 323690	33.32 0.40 0.00	31.33 0.88 0.00	28.63 0.62 0.00	27.53 0.78 0.00	27.03 0.50 0.00	29.79 0.35 0.00	35.63 0.07 0.00	38.44 -0.04 -0.71	40.60 -0.12 -2.07	36.67 0.50 -0.31	37.28 0.44 -0.38	37.60 0.51 -0.31	38.58 0.71 -0.34	40.89 0.95 -0.34	41.00 0.95 -0.29	41.71 0.89 -0.36	42.58 0.79 -0.01	47.91 0.85 -0.03	57.28 0.82 -5.26	56.51 1.36 -4.81	54.76 1.23 -4.51	44.54 1.21 -0.13	38.54 1.22 -0.17	35.16 1.61 0.00
HQ_GEN_CEDARS 23644	33.97 1.05 0.00	31.45 1.00 0.00	28.94 0.92 0.00	27.61 0.86 0.00	27.40 0.88 0.00	30.46 1.03 0.00	36.87 1.32 0.00	39.05 1.28 0.00	39.77 1.12 0.00	36.90 1.04 0.00	37.52 1.06 0.00	37.80 1.03 0.00	38.47 0.94 0.00	40.54 0.95 0.00	40.76 0.99 0.00	41.51 1.05 0.00	42.57 0.79 0.00	47.96 0.94 0.00	52.23 1.02 0.00	51.45 1.11 0.00	50.25 1.23 0.00	44.45 1.25 0.00	38.33 1.19 0.00	34.69 1.14 0.00
HQ_GEN_CEDARS_PROXY 323590	33.97 1.05 0.00	31.45 1.00 0.00	28.94 0.92 0.00	27.61 0.86 0.00	27.40 0.87 0.00	30.46 1.03 0.00	36.87 1.32 0.00	39.05 1.28 0.00	39.77 1.12 0.00	36.90 1.04 0.00	37.52 1.06 0.00	37.80 1.03 0.00	38.47 0.94 0.00	40.54 0.95 0.00	40.76 0.99 0.00	41.51 1.05 0.00	42.61 0.84 0.00	47.96 0.94 0.00	52.23 1.02 0.00	51.45 1.11 0.00	50.25 1.23 0.00	44.45 1.25 0.00	38.33 1.19 0.00	34.69 1.14 0.00

HQ_GEN_IMPORT 323601	33.22 0.30 0.00	30.72 0.27 0.00	28.26 0.25 0.00	26.97 0.21 0.00	26.77 0.24 0.00	29.73 0.29 0.00	35.95 0.39 0.00	38.10 0.34 0.00	38.95 0.31 0.00	36.15 0.29 0.00	36.75 0.29 0.00	37.06 0.29 0.00	37.79 0.26 0.00	39.83 0.24 0.00	40.00 0.24 0.00	40.75 0.29 0.00	41.99 0.21 0.00	47.26 0.24 0.00	51.46 0.26 0.00	50.59 0.25 0.00	49.32 0.30 0.00	43.54 0.34 0.00	37.48 0.33 0.00	33.85 0.30 0.00
HQ_GEN_WHEEL 23651	33.22 0.30 0.00	30.72 0.27 0.00	28.26 0.25 0.00	26.97 0.21 0.00	26.77 0.24 0.00	29.73 0.29 0.00	35.95 0.39 0.00	38.10 0.34 0.00	38.95 0.31 0.00	36.15 0.29 0.00	36.75 0.29 0.00	37.06 0.29 0.00	37.79 0.26 0.00	39.83 0.24 0.00	40.00 0.24 0.00	40.75 0.29 0.00	41.99 0.21 0.00	47.26 0.24 0.00	51.46 0.26 0.00	50.59 0.25 0.00	49.32 0.30 0.00	43.54 0.34 0.00	37.48 0.33 0.00	33.85 0.30 0.00
HUDSON AVE_GT_3 23810	34.11 1.19 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.42 0.67 0.00	27.33 0.80 0.00	30.38 0.94 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.73 2.09 0.00	37.81 1.79 -0.15	38.64 1.97 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.83 2.10 -0.26	44.33 2.55 0.00	49.61 2.59 0.00	53.56 2.36 0.00	52.40 2.06 0.00	50.74 1.72 0.00	44.71 1.51 0.00	38.40 1.26 0.00	34.49 0.94 0.00
HUDSON AVE_GT_4 23540	34.11 1.19 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.42 0.67 0.00	27.33 0.80 0.00	30.38 0.94 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.73 2.09 0.00	37.81 1.79 -0.15	38.64 1.97 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.83 2.10 -0.26	44.33 2.55 0.00	49.61 2.59 0.00	53.56 2.36 0.00	52.40 2.06 0.00	50.74 1.72 0.00	44.71 1.51 0.00	38.40 1.26 0.00	34.49 0.94 0.00
HUDSON AVE_GT_5 23657	34.11 1.19 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.42 0.67 0.00	27.33 0.80 0.00	30.38 0.94 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.73 2.09 0.00	37.81 1.79 -0.15	38.64 1.97 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.83 2.10 -0.26	44.33 2.55 0.00	49.61 2.59 0.00	53.56 2.36 0.00	52.40 2.06 0.00	50.74 1.72 0.00	44.71 1.51 0.00	38.40 1.26 0.00	34.49 0.94 0.00
HUDSON_AVE_10 24168	34.04 1.12 0.00	31.24 0.79 0.00	28.74 0.73 0.00	27.34 0.59 0.00	27.25 0.72 0.00	30.29 0.85 0.00	36.98 1.42 0.00	39.62 1.85 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.00 1.90 -0.50	42.24 1.91 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.25 1.91 0.00	50.59 1.57 0.00	44.54 1.34 0.00	38.33 1.19 0.00	34.42 0.87 0.00
HUDSON___115KV_TB 4 355613	33.45 0.53 0.00	30.93 0.49 0.00	28.52 0.50 0.00	27.24 0.48 0.00	27.01 0.48 0.00	29.96 0.53 0.00	36.12 0.57 0.00	38.52 0.76 0.00	39.34 0.70 0.00	36.33 0.54 0.07	36.77 0.40 0.10	36.78 0.33 0.32	37.43 0.30 0.40	39.68 0.32 0.23	39.86 0.36 0.26	40.71 0.36 0.12	42.20 0.42 0.00	47.68 0.66 0.00	52.12 0.92 0.00	51.30 0.96 0.00	49.91 0.88 0.00	43.93 0.73 0.00	37.70 0.56 0.00	33.98 0.44 0.00
HUNTER MOUNT___DRP 323613	33.55 0.63 0.00	31.03 0.58 0.00	28.60 0.59 0.00	27.32 0.56 0.00	27.09 0.56 0.00	30.05 0.62 0.00	36.20 0.64 0.00	38.60 0.83 0.00	39.38 0.73 0.00	36.50 0.68 0.04	36.88 0.47 0.06	36.94 0.37 0.19	37.70 0.41 0.24	39.89 0.44 0.14	40.08 0.48 0.16	40.92 0.53 0.07	42.15 0.38 0.00	47.73 0.71 0.00	52.23 1.02 0.00	51.50 1.16 0.00	50.05 1.03 0.00	44.06 0.86 0.00	37.81 0.67 0.00	34.08 0.54 0.00
HUNTINGTON_RES_REC 323705	34.10 1.18 0.00	31.15 0.70 0.00	28.66 0.64 0.00	27.16 0.40 0.00	27.06 0.53 0.00	30.11 0.68 0.00	36.69 1.14 0.00	39.35 1.59 0.00	40.34 1.70 0.00	37.45 1.44 -0.15	38.86 2.19 -0.21	39.43 1.95 -0.72	40.21 1.80 -0.88	41.25 1.15 -0.50	41.53 1.19 -0.57	41.77 1.05 -0.26	43.02 1.25 0.01	48.38 1.36 0.01	52.22 1.02 0.01	50.99 0.65 0.01	49.61 0.59 0.01	43.59 0.39 0.00	38.37 1.22 0.00	34.35 0.80 0.00
HUNTLEY___63 23557	32.82 -0.10 0.00	31.00 0.55 0.00	28.35 0.34 0.00	27.42 0.67 0.00	26.66 0.13 0.00	29.14 -0.29 0.00	34.28 -1.28 0.00	36.59 -1.59 -0.41	38.68 -1.66 -1.70	35.36 -0.50 0.00	36.02 -0.44 0.00	36.62 -0.15 0.00	37.64 0.11 0.00	40.11 0.51 0.00	40.48 0.72 0.00	40.86 0.40 0.00	41.96 0.17 -0.01	46.92 -0.14 -0.03	55.91 -0.36 -5.07	54.82 -0.15 -4.63	53.23 -0.15 -4.35	43.54 0.35 0.00	37.85 0.71 0.00	35.06 1.51 0.00
HUNTLEY___64 23558	32.82 -0.10 0.00	31.00 0.55 0.00	28.35 0.34 0.00	27.42 0.67 0.00	26.66 0.13 0.00	29.14 -0.29 0.00	34.28 -1.28 0.00	36.59 -1.59 -0.41	38.68 -1.66 -1.70	35.36 -0.50 0.00	36.02 -0.44 0.00	36.62 -0.15 0.00	37.64 0.11 0.00	40.11 0.51 0.00	40.48 0.72 0.00	40.86 0.40 0.00	41.96 0.17 -0.01	46.92 -0.14 -0.03	55.91 -0.36 -5.07	54.82 -0.15 -4.63	53.23 -0.15 -4.35	43.54 0.35 0.00	37.85 0.71 0.00	35.06 1.51 0.00
HUNTLEY___65 23559	32.82 -0.10 0.00	31.00 0.55 0.00	28.35 0.34 0.00	27.42 0.67 0.00	26.66 0.13 0.00	29.14 -0.29 0.00	34.28 -1.28 0.00	36.59 -1.59 -0.41	38.68 -1.66 -1.70	35.36 -0.50 0.00	36.02 -0.44 0.00	36.62 -0.15 0.00	37.64 0.11 0.00	40.11 0.51 0.00	40.48 0.72 0.00	40.86 0.40 0.00	41.96 0.17 -0.01	46.92 -0.14 -0.03	55.91 -0.36 -5.07	54.82 -0.15 -4.63	53.23 -0.15 -4.35	43.54 0.35 0.00	37.85 0.71 0.00	35.06 1.51 0.00
HUNTLEY___66 23560	32.82 -0.10 0.00	31.00 0.55 0.00	28.35 0.34 0.00	27.42 0.67 0.00	26.66 0.13 0.00	29.14 -0.29 0.00	34.28 -1.28 0.00	36.59 -1.59 -0.41	38.68 -1.66 -1.70	35.36 -0.50 0.00	36.02 -0.44 0.00	36.62 -0.15 0.00	37.64 0.11 0.00	40.11 0.51 0.00	40.48 0.72 0.00	40.86 0.40 0.00	41.96 0.17 -0.01	46.92 -0.14 -0.03	55.91 -0.36 -5.07	54.82 -0.15 -4.63	53.23 -0.15 -4.35	43.54 0.35 0.00	37.85 0.71 0.00	35.06 1.51 0.00
HUNTLEY___67 23561	32.62 -0.30 0.00	30.84 0.40 0.00	28.21 0.20 0.00	27.16 0.40 0.00	26.53 0.00 0.00	29.02 -0.41 0.00	34.20 -1.35 0.00	34.47 -1.62 1.68	29.97 -1.70 6.98	35.22 -0.65 0.00	35.91 -0.55 0.00	36.48 -0.29 0.00	37.42 -0.11 0.00	39.87 0.28 0.00	40.24 0.48 0.00	40.66 0.20 0.00	41.68 -0.04 0.05	46.56 -0.33 0.14	29.57 -0.56 21.07	30.79 -0.30 19.25	30.65 -0.29 18.08	43.33 0.13 0.00	37.70 0.56 0.00	34.82 1.27 0.00
HUNTLEY___68 23562	32.62 -0.30 0.00	30.84 0.40 0.00	28.21 0.20 0.00	27.16 0.40 0.00	26.53 0.00 0.00	29.02 -0.41 0.00	34.20 -1.35 0.00	34.47 -1.62 1.68	29.97 -1.70 6.98	35.22 -0.65 0.00	35.91 -0.55 0.00	36.48 -0.29 0.00	37.42 -0.11 0.00	39.87 0.28 0.00	40.24 0.48 0.00	40.66 0.20 0.00	41.68 -0.04 0.05	46.56 -0.33 0.14	29.57 -0.56 21.07	30.79 -0.30 19.25	30.65 -0.29 18.08	43.33 0.13 0.00	37.70 0.56 0.00	34.82 1.27 0.00

HYLAND___LFGE 323620	34.44 1.52 0.00	32.34 1.89 0.00	29.52 1.51 0.00	28.36 1.61 0.00	27.83 1.30 0.00	30.76 1.33 0.00	36.59 1.03 0.00	39.04 0.83 -0.44	40.27 0.31 -1.32	36.72 0.68 -0.18	37.12 0.44 -0.22	37.36 0.41 -0.18	38.36 0.64 -0.20	40.63 0.83 -0.20	40.84 0.92 -0.17	41.88 1.21 -0.21	43.12 1.34 -0.01	48.79 1.74 -0.02	56.92 2.36 -3.36	56.73 3.32 -3.07	55.44 3.53 -2.88	46.52 3.24 -0.08	39.99 2.75 -0.10	36.30 2.75 0.00
INDECK___CORINTH 23802	33.64 0.72 0.00	31.02 0.58 0.00	28.57 0.56 0.00	27.26 0.51 0.00	27.09 0.56 0.00	30.11 0.68 0.00	36.23 0.67 0.00	38.63 0.87 0.00	39.53 0.89 0.00	36.32 0.57 0.11	36.45 0.15 0.16	36.27 0.04 0.53	36.91 0.04 0.65	39.10 -0.12 0.38	39.14 -0.20 0.43	40.10 -0.16 0.20	41.78 0.00 0.00	47.40 0.37 0.00	52.43 1.23 0.00	51.60 1.26 0.00	50.35 1.32 0.00	44.19 0.99 0.00	38.00 0.85 0.00	34.18 0.64 0.00
INDECK___ILION 23567	32.79 -0.13 0.00	30.33 -0.12 0.00	27.93 -0.08 0.00	26.65 -0.11 0.00	26.45 -0.08 0.00	29.35 -0.09 0.00	35.48 -0.07 0.00	37.73 -0.04 0.00	38.61 -0.04 0.00	35.83 -0.04 0.00	36.46 0.00 0.00	36.77 0.00 0.00	37.57 0.04 0.00	39.63 0.04 0.00	39.80 0.04 0.00	40.46 0.00 0.00	41.82 0.04 0.00	47.07 0.05 0.00	51.36 0.15 0.00	50.49 0.15 0.00	49.17 0.15 0.00	43.28 0.09 0.00	37.18 0.04 0.00	33.55 0.00 0.00
INDECK___OLEAN 23982	32.56 -0.36 0.00	30.81 0.37 0.00	28.07 0.06 0.00	27.02 0.27 0.00	26.45 -0.08 0.00	29.08 -0.35 0.00	34.70 -0.85 0.00	37.36 -1.13 -0.72	40.38 -1.27 -3.01	35.65 -0.21 0.00	36.10 -0.36 0.00	36.62 -0.15 0.00	37.64 0.11 0.00	40.03 0.44 0.00	40.28 0.52 0.00	40.91 0.45 0.00	41.93 0.13 -0.02	46.90 -0.19 -0.06	60.14 -0.51 -9.45	58.97 0.00 -8.63	56.98 -0.15 -8.11	43.33 0.13 0.00	37.48 0.33 0.00	34.62 1.07 0.00
INDECK___OSWEGO 23783	32.26 -0.66 0.00	29.87 -0.58 0.00	27.45 -0.56 0.00	26.25 -0.51 0.00	25.97 -0.56 0.00	28.79 -0.65 0.00	34.74 -0.82 0.00	39.35 -0.94 -2.52	40.65 -0.96 -2.97	37.63 -0.82 -2.59	38.81 -0.84 -3.19	38.55 -0.84 -2.63	39.54 -0.83 -2.83	41.65 -0.83 -2.89	41.33 -0.84 -2.41	42.59 -0.89 -3.02	40.82 -0.96 0.00	45.94 -1.08 0.00	50.18 -1.02 0.00	49.44 -0.90 0.00	48.09 -0.93 0.00	43.47 -0.86 -1.13	37.84 -0.74 -1.44	32.91 -0.64 0.00
INDECK___YERKES 23781	32.85 -0.07 0.00	31.15 0.70 0.00	28.38 0.36 0.00	27.34 0.59 0.00	26.69 0.16 0.00	29.17 -0.27 0.00	34.45 -1.10 0.00	36.62 -1.55 -0.41	38.68 -1.66 -1.70	35.57 -0.29 0.00	36.06 -0.40 0.00	36.66 -0.11 0.00	37.79 0.26 0.00	40.15 0.55 0.00	40.52 0.75 0.00	41.07 0.61 0.00	42.00 0.21 -0.01	46.96 -0.09 -0.03	56.07 -0.20 -5.07	55.18 0.20 -4.63	53.28 -0.10 -4.35	43.63 0.43 0.00	37.88 0.74 0.00	35.09 1.54 0.00
INDIAN POINT_GT_1 24139	33.84 0.92 0.00	31.09 0.64 0.00	28.60 0.59 0.00	27.24 0.48 0.00	27.11 0.58 0.00	30.14 0.71 0.00	36.69 1.14 0.00	39.20 1.44 0.00	40.19 1.55 0.00	37.33 1.33 -0.15	38.09 1.42 -0.21	38.85 1.40 -0.68	39.87 1.50 -0.84	41.54 1.46 -0.48	41.78 1.47 -0.55	42.25 1.54 -0.25	43.62 1.84 0.00	48.95 1.93 0.00	52.99 1.79 0.00	51.90 1.56 0.00	50.35 1.32 0.00	44.32 1.12 0.00	38.07 0.93 0.00	34.18 0.64 0.00
INDIAN POINT_GT_2 23659	33.84 0.92 0.00	31.09 0.64 0.00	28.60 0.59 0.00	27.24 0.48 0.00	27.11 0.58 0.00	30.14 0.71 0.00	36.69 1.14 0.00	39.20 1.44 0.00	40.19 1.55 0.00	37.33 1.33 -0.15	38.09 1.42 -0.21	38.85 1.40 -0.68	39.87 1.50 -0.84	41.54 1.46 -0.48	41.78 1.47 -0.55	42.25 1.54 -0.25	43.62 1.84 0.00	48.95 1.93 0.00	52.99 1.79 0.00	51.90 1.56 0.00	50.35 1.32 0.00	44.32 1.12 0.00	38.07 0.93 0.00	34.18 0.64 0.00
INDIAN POINT_GT_3 24019	33.84 0.92 0.00	31.09 0.64 0.00	28.60 0.59 0.00	27.24 0.48 0.00	27.11 0.58 0.00	30.14 0.71 0.00	36.69 1.14 0.00	39.20 1.44 0.00	40.19 1.55 0.00	37.33 1.33 -0.15	38.09 1.42 -0.21	38.85 1.40 -0.68	39.87 1.50 -0.84	41.54 1.46 -0.48	41.78 1.47 -0.55	42.25 1.54 -0.25	43.62 1.84 0.00	48.95 1.93 0.00	52.99 1.79 0.00	51.90 1.56 0.00	50.35 1.32 0.00	44.32 1.12 0.00	38.07 0.93 0.00	34.18 0.64 0.00
INDIAN POINT___2 23530	33.77 0.85 0.00	31.06 0.61 0.00	28.57 0.56 0.00	27.24 0.48 0.00	27.09 0.56 0.00	30.11 0.68 0.00	36.62 1.07 0.00	39.16 1.40 0.00	40.15 1.51 0.00	37.25 1.25 -0.14	38.04 1.39 -0.19	38.78 1.36 -0.65	39.75 1.43 -0.80	41.47 1.42 -0.46	41.71 1.43 -0.52	42.15 1.45 -0.24	43.57 1.80 0.00	48.91 1.88 0.00	52.84 1.64 0.00	51.75 1.41 0.00	50.30 1.27 0.00	44.23 1.04 0.00	38.00 0.85 0.00	34.18 0.64 0.00
INDIAN POINT___3 23531	33.81 0.89 0.00	31.09 0.64 0.00	28.60 0.59 0.00	27.24 0.48 0.00	27.11 0.58 0.00	30.11 0.68 0.00	36.66 1.10 0.00	39.16 1.40 0.00	40.15 1.51 0.00	37.30 1.29 -0.15	38.05 1.39 -0.21	38.81 1.36 -0.68	39.83 1.46 -0.84	41.54 1.46 -0.48	41.74 1.43 -0.55	42.21 1.50 -0.25	43.58 1.80 0.00	48.90 1.88 0.00	52.94 1.74 0.00	51.85 1.51 0.00	50.30 1.27 0.00	44.28 1.08 0.00	38.03 0.89 0.00	34.18 0.64 0.00
INGHAM_C_115KV_TB7 356103	32.59 -0.33 0.00	30.14 -0.30 0.00	27.76 -0.25 0.00	26.51 -0.24 0.00	26.32 -0.21 0.00	29.20 -0.24 0.00	35.34 -0.21 0.00	37.54 -0.23 0.00	38.45 -0.19 0.00	35.72 -0.14 0.00	36.35 -0.11 0.00	36.66 -0.11 0.00	37.49 -0.04 0.00	39.59 0.00 0.00	39.76 0.00 0.00	40.34 -0.12 0.00	41.65 -0.13 0.00	46.93 -0.09 0.00	51.30 0.10 0.00	50.44 0.10 0.00	49.12 0.10 0.00	43.24 0.04 0.00	37.14 0.00 0.00	33.51 -0.03 0.00
IP CORINTH___1 23988	33.81 0.89 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.22 0.69 0.00	30.26 0.82 0.00	36.41 0.85 0.00	38.86 1.10 0.00	39.73 1.08 0.00	36.54 0.79 0.11	36.63 0.33 0.16	36.46 0.22 0.53	37.14 0.26 0.65	39.30 0.08 0.38	39.37 0.04 0.43	40.39 0.12 0.20	42.03 0.25 0.00	47.68 0.66 0.00	52.69 1.48 0.00	51.95 1.61 0.00	50.64 1.62 0.00	44.45 1.25 0.00	38.18 1.04 0.00	34.35 0.81 0.00
IP___TICONDEROGA 23804	34.99 2.07 0.00	32.33 1.89 0.00	29.75 1.74 0.00	28.36 1.61 0.00	28.17 1.64 0.00	31.41 1.97 0.00	37.62 2.06 0.00	40.18 2.42 0.00	41.00 2.36 0.00	37.54 1.79 0.12	37.57 1.28 0.16	37.32 1.10 0.55	38.06 1.20 0.67	40.28 1.07 0.39	40.36 1.03 0.44	41.47 1.21 0.20	43.20 1.42 0.00	49.23 2.21 0.00	54.53 3.33 0.00	54.07 3.73 0.00	52.70 3.68 0.00	46.22 3.02 0.00	39.63 2.49 0.00	35.66 2.11 0.00
ISLIP_RES_REC 323679	34.37 1.45 0.00	31.36 0.91 0.00	28.88 0.87 0.00	27.34 0.59 0.00	27.25 0.72 0.00	30.35 0.91 0.00	36.94 1.39 0.00	39.62 1.85 0.00	40.58 1.93 0.00	37.70 1.69 -0.15	39.19 2.51 -0.21	39.69 2.21 -0.72	40.51 2.10 -0.88	41.60 1.50 -0.50	41.88 1.55 -0.57	42.14 1.42 -0.26	43.44 1.67 0.01	48.99 1.97 0.01	52.88 1.69 0.01	51.64 1.31 0.01	50.24 1.23 0.01	44.15 0.95 0.00	38.67 1.52 0.00	34.59 1.04 0.00

JAMAICA__27_KV_LOAD 355505	34.20 1.28 0.00	31.39 0.94 0.00	28.85 0.84 0.00	27.45 0.70 0.00	27.35 0.82 0.00	30.44 1.00 0.00	37.23 1.67 0.00	39.88 2.11 0.00	40.96 2.32 0.00	38.02 2.01 -0.15	38.64 1.97 -0.21	39.43 1.95 -0.71	40.47 2.06 -0.88	42.16 2.06 -0.50	42.44 2.11 -0.57	42.95 2.23 -0.26	44.45 2.67 0.00	49.70 2.68 0.00	53.71 2.51 0.00	52.51 2.16 0.00	50.74 1.72 0.00	44.62 1.43 0.00	38.63 1.49 0.00	34.65 1.11 0.00
JANIS__SOLAR 323808	33.48 0.56 0.00	31.06 0.61 0.00	28.49 0.48 0.00	27.26 0.51 0.00	26.95 0.42 0.00	29.90 0.47 0.00	36.09 0.53 0.00	39.04 0.53 -0.75	40.15 0.35 -1.15	36.79 0.25 -0.68	37.37 0.07 -0.83	37.53 0.07 -0.69	38.42 0.15 -0.74	40.59 0.24 -0.76	40.63 0.24 -0.63	41.45 0.20 -0.79	42.03 0.25 0.00	47.69 0.66 -0.01	53.37 1.02 -1.14	52.84 1.46 -1.04	51.43 1.42 -0.98	44.66 1.17 -0.30	38.45 0.93 -0.38	34.48 0.94 0.00
JARVIS____ 23743	32.89 -0.03 0.00	30.39 -0.06 0.00	27.98 -0.03 0.00	26.73 -0.03 0.00	26.50 -0.03 0.00	29.41 -0.03 0.00	35.52 -0.04 0.00	37.73 -0.04 0.00	38.65 0.00 0.00	35.83 -0.04 0.00	36.42 -0.04 0.00	36.73 -0.04 0.00	37.49 -0.04 0.00	39.55 -0.04 0.00	39.72 -0.04 0.00	40.42 -0.04 0.00	41.78 0.00 0.00	47.02 0.00 0.00	51.20 0.00 0.00	50.34 0.00 0.00	49.02 0.00 0.00	43.16 -0.04 0.00	37.10 -0.04 0.00	33.48 -0.07 0.00
JENNISON____1 23625	34.53 1.61 0.00	32.03 1.58 0.00	29.50 1.48 0.00	28.20 1.44 0.00	27.91 1.38 0.00	30.91 1.47 0.00	37.51 1.96 0.00	40.50 2.27 -0.47	41.72 2.24 -0.83	38.38 2.12 -0.41	39.01 2.04 -0.50	39.40 2.13 -0.49	40.37 2.29 -0.55	42.67 2.57 -0.50	42.67 2.47 -0.44	43.33 2.39 -0.49	44.16 2.38 0.00	49.81 2.77 -0.01	55.72 3.33 -1.19	54.90 3.47 -1.08	53.52 3.48 -1.02	46.17 2.81 -0.17	39.73 2.38 -0.21	35.79 2.25 0.00
JENNISON____2 23626	34.53 1.61 0.00	32.03 1.58 0.00	29.50 1.48 0.00	28.20 1.44 0.00	27.91 1.38 0.00	30.91 1.47 0.00	37.51 1.96 0.00	40.50 2.27 -0.47	41.72 2.24 -0.83	38.38 2.12 -0.41	39.01 2.04 -0.50	39.40 2.13 -0.49	40.37 2.29 -0.55	42.67 2.57 -0.50	42.67 2.47 -0.44	43.33 2.39 -0.49	44.16 2.38 0.00	49.81 2.77 -0.01	55.72 3.33 -1.19	54.90 3.47 -1.08	53.52 3.48 -1.02	46.17 2.81 -0.17	39.73 2.38 -0.21	35.79 2.25 0.00
JERICOHO_RISE_WT_PWR 323719	33.51 0.59 0.00	31.02 0.58 0.00	28.54 0.53 0.00	27.26 0.51 0.00	27.06 0.53 0.00	30.05 0.62 0.00	36.37 0.82 0.00	38.60 0.83 0.00	39.38 0.73 0.00	36.54 0.68 0.00	37.15 0.69 0.00	37.43 0.66 0.00	38.13 0.60 0.00	40.15 0.55 0.00	40.40 0.63 0.00	41.11 0.65 0.00	42.32 0.54 0.00	47.73 0.71 0.00	51.92 0.72 0.00	51.14 0.80 0.00	49.86 0.83 0.00	44.06 0.86 0.00	37.92 0.78 0.00	34.28 0.74 0.00
KATONAH__115KV_46KV_TB4 355592	34.01 1.09 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.27 0.74 0.00	30.29 0.85 0.00	36.87 1.32 0.00	39.39 1.62 0.00	40.38 1.74 0.00	37.56 1.54 -0.15	38.32 1.64 -0.22	39.08 1.58 -0.73	40.11 1.69 -0.89	41.77 1.66 -0.51	42.02 1.67 -0.58	42.51 1.78 -0.27	43.78 2.01 0.00	49.23 2.21 0.00	53.35 2.15 0.00	52.20 1.86 0.00	50.74 1.72 0.00	44.58 1.38 0.00	38.29 1.15 0.00	34.32 0.77 0.00
KCE_NY_1 323755	34.00 1.08 0.00	31.36 0.91 0.00	28.91 0.90 0.00	27.59 0.83 0.00	27.38 0.85 0.00	30.40 0.97 0.00	36.62 1.07 0.00	39.09 1.32 0.00	40.00 1.35 0.00	36.74 1.00 0.12	37.13 0.84 0.17	36.98 0.77 0.57	37.62 0.79 0.70	39.95 0.75 0.40	40.02 0.72 0.45	41.06 0.81 0.21	42.74 0.96 0.00	48.39 1.36 0.00	52.99 1.79 0.00	52.15 1.81 0.00	50.79 1.76 0.00	44.67 1.47 0.00	38.37 1.22 0.00	34.52 0.97 0.00
KCE_NY_6_ESR 323823	32.89 -0.03 0.00	31.15 0.70 0.00	28.40 0.39 0.00	27.37 0.62 0.00	26.74 0.21 0.00	29.26 -0.18 0.00	34.60 -0.96 0.00	37.77 -1.28 -1.29	42.63 -1.39 -5.38	35.72 -0.14 0.00	36.21 -0.25 0.00	36.81 0.04 0.00	37.87 0.34 0.00	40.27 0.67 0.00	40.60 0.84 0.00	41.19 0.73 0.00	42.19 0.38 -0.04	47.27 0.14 -0.11	67.41 0.05 -16.15	65.55 0.45 -14.76	63.03 0.15 -13.86	43.80 0.60 0.00	37.96 0.82 0.00	35.12 1.58 0.00
KEDC_PORT_JEFF_GT2 24210	34.20 1.28 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.21 0.45 0.00	27.11 0.58 0.00	30.20 0.76 0.00	36.73 1.17 0.00	39.39 1.62 0.00	40.34 1.70 0.00	37.48 1.47 -0.15	38.90 2.22 -0.21	39.43 1.95 -0.72	40.24 1.84 -0.88	41.28 1.19 -0.50	41.57 1.23 -0.57	41.85 1.13 -0.26	43.15 1.38 0.01	48.66 1.65 0.01	52.47 1.28 0.01	51.24 0.91 0.01	49.90 0.88 0.01	43.85 0.65 0.00	38.44 1.30 0.00	34.42 0.87 0.00
KEDC_PORT_JEFF_GT3 24211	34.20 1.28 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.21 0.45 0.00	27.11 0.58 0.00	30.20 0.76 0.00	36.73 1.17 0.00	39.39 1.62 0.00	40.34 1.70 0.00	37.48 1.47 -0.15	38.90 2.22 -0.21	39.43 1.95 -0.72	40.24 1.84 -0.88	41.28 1.19 -0.50	41.57 1.23 -0.57	41.85 1.13 -0.26	43.15 1.38 0.01	48.66 1.65 0.01	52.47 1.28 0.01	51.24 0.91 0.01	49.90 0.88 0.01	43.85 0.65 0.00	38.44 1.30 0.00	34.42 0.87 0.00
KEDC_GLWD_GT4 24219	34.20 1.28 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.58 1.93 0.00	37.70 1.69 -0.15	38.83 2.15 -0.21	39.54 2.06 -0.72	40.47 2.06 -0.88	41.92 1.82 -0.50	42.20 1.87 -0.57	42.54 1.82 -0.26	43.90 2.13 0.00	49.28 2.26 0.00	53.04 1.84 0.00	51.85 1.51 0.00	50.59 1.57 0.00	44.45 1.25 0.00	38.48 1.34 0.00	34.52 0.97 0.00
KEDC_GLWD_GT5 24220	34.20 1.28 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.58 1.93 0.00	37.70 1.69 -0.15	38.83 2.15 -0.21	39.54 2.06 -0.72	40.47 2.06 -0.88	41.92 1.82 -0.50	42.20 1.87 -0.57	42.54 1.82 -0.26	43.90 2.13 0.00	49.28 2.26 0.00	53.04 1.84 0.00	51.85 1.51 0.00	50.59 1.57 0.00	44.45 1.25 0.00	38.48 1.34 0.00	34.52 0.97 0.00
KENSICO____ 23655	33.94 1.02 0.00	31.18 0.73 0.00	28.69 0.67 0.00	27.32 0.56 0.00	27.19 0.66 0.00	30.20 0.77 0.00	36.76 1.21 0.00	39.31 1.55 0.00	40.35 1.70 0.00	37.48 1.47 -0.15	38.28 1.60 -0.21	39.02 1.54 -0.71	40.05 1.65 -0.87	41.71 1.62 -0.50	41.96 1.63 -0.57	42.42 1.70 -0.26	43.83 2.05 0.00	49.14 2.12 0.00	53.15 1.95 0.00	52.05 1.71 0.00	50.50 1.47 0.00	44.45 1.25 0.00	38.18 1.04 0.00	34.28 0.74 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.94 1.02 0.00	31.18 0.73 0.00	28.71 0.70 0.00	27.34 0.59 0.00	27.19 0.66 0.00	30.17 0.74 0.00	36.73 1.17 0.00	39.16 1.40 0.00	40.11 1.47 0.00	37.20 1.26 -0.08	37.75 1.17 -0.12	38.31 1.14 -0.40	39.37 1.35 -0.49	41.30 1.43 -0.28	41.51 1.43 -0.32	42.18 1.58 -0.15	43.62 1.84 0.00	49.05 2.02 0.00	53.25 2.05 0.00	52.35 2.01 0.00	50.79 1.76 0.00	44.58 1.38 0.00	38.22 1.08 0.00	34.38 0.84 0.00

KIAC_JFK_GT1 23816	34.04 1.12 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.32 0.56 0.00	27.19 0.66 0.00	30.29 0.85 0.00	37.01 1.46 0.00	39.69 1.93 0.00	40.73 2.09 0.00	37.81 1.79 -0.15	38.46 1.79 -0.21	39.21 1.73 -0.71	40.28 1.88 -0.88	41.92 1.82 -0.50	42.20 1.87 -0.57	42.66 1.94 -0.26	44.12 2.34 0.00	49.19 2.16 0.00	53.15 1.95 0.00	52.00 1.66 0.00	50.25 1.23 0.00	44.19 0.99 0.00	38.40 1.26 0.00	34.45 0.91 0.00
KIAC_JFK_GT2 23817	34.04 1.12 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.32 0.56 0.00	27.19 0.66 0.00	30.29 0.85 0.00	37.01 1.46 0.00	39.69 1.93 0.00	40.73 2.09 0.00	37.81 1.79 -0.15	38.46 1.79 -0.21	39.21 1.73 -0.71	40.28 1.88 -0.88	41.92 1.82 -0.50	42.20 1.87 -0.57	42.66 1.94 -0.26	44.12 2.34 0.00	49.19 2.16 0.00	53.15 1.95 0.00	52.00 1.66 0.00	50.25 1.23 0.00	44.19 0.99 0.00	38.40 1.26 0.00	34.45 0.91 0.00
KIAC_JFK____ 323774	34.04 1.12 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.32 0.56 0.00	27.19 0.66 0.00	30.29 0.85 0.00	36.98 1.42 0.00	39.69 1.92 0.00	40.77 2.12 0.00	37.77 1.76 -0.15	38.46 1.79 -0.21	39.21 1.73 -0.71	40.24 1.84 -0.88	41.92 1.82 -0.50	42.20 1.87 -0.57	42.62 1.90 -0.26	43.95 2.17 0.00	49.19 2.16 0.00	53.10 1.90 0.00	51.85 1.51 0.00	50.30 1.27 0.00	44.19 0.99 0.00	38.37 1.22 0.00	34.45 0.91 0.00
KINTIGH__24_KV_GSU 356498	32.46 -0.46 0.00	30.69 0.24 0.00	27.98 -0.03 0.00	26.94 0.19 0.00	26.34 -0.18 0.00	28.87 -0.56 0.00	34.28 -1.28 0.00	35.94 -1.55 0.28	35.82 -1.66 1.17	35.29 -0.58 0.00	35.81 -0.66 0.00	36.33 -0.44 0.00	37.31 -0.22 0.00	39.59 0.00 0.00	39.92 0.16 0.00	40.46 0.00 0.00	41.48 -0.29 0.01	46.48 -0.52 0.02	47.00 -0.67 3.54	46.86 -0.25 3.23	45.50 -0.49 3.03	43.16 -0.04 0.00	37.40 0.26 0.00	34.35 0.80 0.00
KINTIGH____ 23543	32.46 -0.46 0.00	30.60 0.15 0.00	27.98 -0.03 0.00	26.94 0.19 0.00	26.34 -0.19 0.00	28.88 -0.56 0.00	34.17 -1.39 0.00	35.90 -1.59 0.28	35.86 -1.62 1.17	35.14 -0.72 0.00	35.81 -0.66 0.00	36.33 -0.44 0.00	37.23 -0.30 0.00	39.59 0.00 0.00	39.92 0.16 0.00	40.34 -0.12 0.00	41.48 -0.29 0.01	46.48 -0.52 0.02	46.95 -0.72 3.54	46.61 -0.50 3.23	45.50 -0.49 3.03	43.11 -0.09 0.00	37.40 0.26 0.00	34.35 0.81 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.40 1.48 0.00	31.85 1.40 0.00	29.30 1.29 0.00	27.99 1.23 0.00	27.78 1.25 0.00	30.88 1.44 0.00	37.40 1.85 0.00	39.69 1.93 0.00	40.42 1.78 0.00	37.51 1.65 0.00	38.14 1.68 0.00	38.46 1.69 0.00	39.11 1.58 0.00	41.22 1.62 0.00	41.47 1.71 0.00	42.20 1.74 0.00	42.95 1.17 0.00	48.58 1.55 0.00	52.84 1.64 0.00	52.05 1.71 0.00	50.79 1.76 0.00	44.84 1.64 0.00	38.59 1.45 0.00	34.89 1.34 0.00
LACHUTE____HYDRO 323717	35.00 2.08 0.00	32.34 1.89 0.00	29.75 1.74 0.00	28.36 1.61 0.00	28.17 1.65 0.00	31.41 1.97 0.00	37.62 2.06 0.00	40.18 2.42 0.00	41.00 2.36 0.00	37.54 1.79 0.12	37.57 1.28 0.16	37.32 1.10 0.55	38.02 1.16 0.67	40.28 1.07 0.39	40.36 1.03 0.44	41.43 1.17 0.20	43.20 1.42 0.00	49.23 2.21 0.00	54.63 3.43 0.00	54.07 3.73 0.00	52.65 3.63 0.00	46.22 3.02 0.00	39.67 2.53 0.00	35.66 2.11 0.00
LAWRNCV_115KV_TB1 80681	34.17 1.25 0.00	31.63 1.19 0.00	29.11 1.09 0.00	27.80 1.04 0.00	27.59 1.06 0.00	30.67 1.24 0.00	37.12 1.56 0.00	39.52 1.59 -0.16	40.19 1.35 -0.19	37.25 1.22 -0.17	37.87 1.20 -0.21	38.12 1.18 -0.17	38.80 1.09 -0.18	40.89 1.11 -0.19	41.07 1.15 -0.16	41.83 1.17 -0.20	42.57 0.79 0.00	47.78 0.75 0.00	52.12 0.92 0.00	51.45 1.11 0.00	50.25 1.23 0.00	44.74 1.47 -0.07	38.72 1.49 -0.09	34.96 1.41 0.00
LEDERLE____ 23769	33.97 1.05 0.00	31.24 0.79 0.00	28.74 0.73 0.00	27.37 0.62 0.00	27.22 0.69 0.00	30.26 0.82 0.00	36.84 1.28 0.00	39.35 1.59 0.00	40.35 1.70 0.00	37.50 1.51 -0.13	38.18 1.53 -0.19	38.90 1.51 -0.62	39.94 1.65 -0.76	41.73 1.70 -0.44	41.93 1.67 -0.50	42.47 1.78 -0.23	43.87 2.09 0.00	49.19 2.16 0.00	53.25 2.05 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.54 1.34 0.00	38.26 1.11 0.00	34.38 0.84 0.00
LIGHTHSE_115KV_TB6 355974	33.05 0.13 0.00	30.60 0.15 0.00	28.15 0.14 0.00	26.92 0.16 0.00	26.64 0.11 0.00	29.52 0.09 0.00	35.70 0.14 0.00	39.12 0.08 -1.28	40.15 0.00 -1.50	37.17 0.00 -1.31	38.04 -0.04 -1.61	38.03 -0.07 -1.33	38.92 -0.04 -1.43	41.10 0.04 -1.46	40.98 0.00 -1.22	41.91 -0.08 -1.53	41.49 -0.29 0.00	46.79 -0.24 0.00	51.20 0.00 0.00	50.59 0.25 0.00	49.37 0.34 0.00	44.07 0.30 -0.57	38.17 0.30 -0.73	33.85 0.30 0.00
LINDEN COGEN____ 23786	33.88 0.96 0.00	31.09 0.64 0.00	28.60 0.59 0.00	27.24 0.48 0.00	27.14 0.61 0.00	30.17 0.74 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.50 1.85 0.00	37.55 1.54 -0.15	38.39 1.71 -0.21	39.18 1.69 -0.71	40.21 1.80 -0.88	41.84 1.74 -0.50	42.08 1.75 -0.57	42.50 1.78 -0.26	44.03 2.25 0.00	49.23 2.21 0.00	53.15 1.95 0.00	51.95 1.61 0.00	50.40 1.37 0.00	44.37 1.17 0.00	38.15 1.00 0.00	34.25 0.71 0.00
LINDHRST_69_KV_BK1 356055	34.50 1.58 0.00	31.51 1.07 0.00	28.97 0.95 0.00	27.45 0.70 0.00	27.35 0.82 0.00	30.46 1.03 0.00	37.12 1.56 0.00	39.77 2.00 0.00	40.69 2.05 0.00	37.88 1.86 -0.15	39.23 2.55 -0.21	39.80 2.32 -0.72	40.66 2.25 -0.88	41.76 1.66 -0.50	42.01 1.67 -0.57	42.46 1.74 -0.26	43.61 1.84 0.01	49.09 2.07 0.01	53.09 1.89 0.01	51.89 1.56 0.01	50.44 1.42 0.01	44.36 1.17 0.00	38.96 1.82 0.00	34.75 1.21 0.00
LIPA_MISC_IPP 23656	33.91 0.99 0.00	30.93 0.49 0.00	28.49 0.48 0.00	26.97 0.21 0.00	26.90 0.37 0.00	29.94 0.50 0.00	36.41 0.85 0.00	39.05 1.28 0.00	39.92 1.28 0.00	37.12 1.11 -0.15	38.54 1.86 -0.21	39.07 1.58 -0.72	39.91 1.50 -0.88	41.13 0.79 -0.50	41.57 0.80 -0.57	42.69 0.85 -0.26	48.24 0.92 0.01	52.17 1.22 0.01	50.94 0.97 0.01	49.51 0.60 0.01	43.59 0.49 0.01	38.22 1.08 0.00	34.08 0.54 0.00	
LISF____SOLAR 323691	33.94 1.02 0.00	30.96 0.52 0.00	28.54 0.53 0.00	27.02 0.27 0.00	26.93 0.40 0.00	29.97 0.53 0.00	36.44 0.89 0.00	39.09 1.32 0.00	40.03 1.39 0.00	37.16 1.15 -0.15	38.61 1.93 -0.21	39.10 1.62 -0.72	39.91 1.50 -0.88	40.93 0.83 -0.50	41.17 0.84 -0.57	41.45 0.73 -0.26	42.77 1.00 0.01	48.33 1.31 0.01	52.06 0.87 0.01	50.89 0.55 0.01	49.56 0.54 0.01	43.59 0.39 0.00	38.15 1.00 0.00	34.12 0.57 0.00
LITTLE FALLS____HYD 24013	32.59 -0.33 0.00	30.14 -0.30 0.00	27.76 -0.25 0.00	26.51 -0.24 0.00	26.32 -0.21 0.00	29.20 -0.24 0.00	35.34 -0.21 0.00	37.54 -0.23 0.00	38.45 -0.19 0.00	35.72 -0.14 0.00	36.35 -0.11 0.00	36.66 -0.11 0.00	37.49 -0.04 0.00	39.59 0.00 0.00	39.76 0.00 0.00	40.34 -0.12 0.00	41.65 -0.13 0.00	46.93 -0.09 0.00	51.30 0.10 0.00	50.44 0.10 0.00	49.12 0.10 0.00	43.24 0.04 0.00	37.14 0.00 0.00	33.51 -0.03 0.00

LITTLRIV_115KV_TB1 356100	34.57 1.65 0.00	32.00 1.55 0.00	29.47 1.46 0.00	28.15 1.39 0.00	27.94 1.41 0.00	31.05 1.62 0.00	37.62 2.06 0.00	39.98 2.04 -0.18	40.59 1.74 -0.21	37.59 1.54 -0.18	38.18 1.49 -0.22	38.39 1.43 -0.19	39.00 1.28 -0.20	41.14 1.35 -0.20	41.32 1.39 -0.17	42.13 1.46 -0.21	42.87 1.09 0.00	48.15 1.13 0.00	52.69 1.48 0.00	52.10 1.76 0.00	50.99 1.96 0.00	45.35 2.07 -0.08	39.25 2.01 -0.10	35.39 1.85 0.00
LI_NEWBRDGE___DRP 323616	34.01 1.09 0.00	31.09 0.64 0.00	28.57 0.56 0.00	27.13 0.37 0.00	27.01 0.48 0.00	30.08 0.65 0.00	36.66 1.10 0.00	39.24 1.47 0.00	40.19 1.55 0.00	37.41 1.40 -0.15	38.64 1.97 -0.21	39.25 1.76 -0.72	40.10 1.69 -0.88	41.25 1.15 -0.50	41.49 1.15 -0.57	41.90 1.17 -0.26	43.11 1.34 0.01	48.38 1.36 0.01	52.27 1.08 0.01	51.14 0.81 0.01	49.65 0.64 0.01	43.72 0.52 0.00	38.33 1.19 0.00	34.22 0.67 0.00
LOCKPORT_115KV_TB60_63_64 80432	32.85 -0.07 0.00	31.06 0.61 0.00	28.38 0.36 0.00	27.08 0.32 0.00	26.72 0.19 0.00	29.17 -0.26 0.00	34.10 -1.46 0.00	36.08 -1.85 -0.17	37.42 -1.93 -0.70	35.07 -0.79 0.00	35.73 -0.73 0.00	36.29 -0.48 0.00	37.27 -0.26 0.00	39.71 0.12 0.00	40.08 0.32 0.00	40.46 0.00 0.00	41.58 -0.21 -0.01	46.47 -0.56 -0.01	52.52 -0.77 -2.09	51.69 -0.55 -1.91	50.32 -0.49 -1.79	43.24 0.04 0.00	37.62 0.48 0.00	34.99 1.44 0.00
LOCKPORT___CC1 323769	32.79 -0.13 0.00	31.09 0.64 0.00	28.35 0.34 0.00	27.32 0.56 0.00	26.66 0.13 0.00	29.14 -0.29 0.00	34.13 -1.42 0.00	36.12 -1.81 -0.17	37.41 -1.93 -0.69	35.29 -0.58 0.00	35.73 -0.73 0.00	36.33 -0.44 0.00	37.38 -0.15 0.00	39.71 0.12 0.00	40.08 0.32 0.00	40.62 0.16 0.00	41.58 -0.21 -0.01	46.48 -0.56 -0.01	52.59 -0.67 -2.05	52.02 -0.20 -1.88	50.30 -0.49 -1.76	43.28 0.09 0.00	37.59 0.45 0.00	34.92 1.38 0.00
LOCKPORT___CC2 323770	32.79 -0.13 0.00	31.09 0.64 0.00	28.35 0.34 0.00	27.32 0.56 0.00	26.66 0.13 0.00	29.14 -0.29 0.00	34.13 -1.42 0.00	36.12 -1.81 -0.17	37.41 -1.93 -0.69	35.29 -0.58 0.00	35.73 -0.73 0.00	36.33 -0.44 0.00	37.38 -0.15 0.00	39.71 0.12 0.00	40.08 0.32 0.00	40.62 0.16 0.00	41.58 -0.21 -0.01	46.48 -0.56 -0.01	52.59 -0.67 -2.05	52.02 -0.20 -1.88	50.30 -0.49 -1.76	43.28 0.09 0.00	37.59 0.45 0.00	34.92 1.38 0.00
LOCKPORT___CC3 323771	32.79 -0.13 0.00	31.09 0.64 0.00	28.35 0.34 0.00	27.32 0.56 0.00	26.66 0.13 0.00	29.14 -0.29 0.00	34.13 -1.42 0.00	36.12 -1.81 -0.17	37.41 -1.93 -0.69	35.29 -0.58 0.00	35.73 -0.73 0.00	36.33 -0.44 0.00	37.38 -0.15 0.00	39.71 0.12 0.00	40.08 0.32 0.00	40.62 0.16 0.00	41.58 -0.21 -0.01	46.48 -0.56 -0.01	52.59 -0.67 -2.05	52.02 -0.20 -1.88	50.30 -0.49 -1.76	43.28 0.09 0.00	37.59 0.45 0.00	34.92 1.38 0.00
LOCUSVLY_69_KV_BK2 55797	34.30 1.38 0.00	31.39 0.94 0.00	28.85 0.84 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.38 0.94 0.00	37.01 1.46 0.00	39.65 1.89 0.00	40.62 1.97 0.00	37.81 1.79 -0.15	39.01 2.33 -0.21	39.65 2.17 -0.72	40.58 2.18 -0.88	41.88 1.78 -0.50	42.16 1.83 -0.57	42.58 1.86 -0.26	43.82 2.05 0.00	49.18 2.16 0.00	52.99 1.79 0.00	51.85 1.51 0.00	50.44 1.42 0.00	44.41 1.21 0.00	38.70 1.56 0.00	34.59 1.04 0.00
LONG_LAKE_PHOENIX 24014	32.39 -0.53 0.00	30.02 -0.43 0.00	27.59 -0.42 0.00	26.38 -0.37 0.00	26.10 -0.42 0.00	28.93 -0.50 0.00	34.88 -0.68 0.00	38.93 -0.76 -1.92	40.17 -0.73 -2.26	37.19 -0.65 -1.97	38.27 -0.62 -2.43	38.15 -0.63 -2.00	39.08 -0.60 -2.16	41.24 -0.55 -2.20	41.04 -0.56 -1.83	42.11 -0.65 -2.30	41.11 -0.67 0.00	46.27 -0.75 0.00	50.43 -0.77 0.00	49.69 -0.65 0.00	48.39 -0.64 0.00	43.46 -0.60 -0.86	37.72 -0.52 -1.10	33.11 -0.44 0.00
LOVETT___3 23632	33.78 0.86 0.00	31.06 0.61 0.00	28.57 0.56 0.00	27.24 0.48 0.00	27.09 0.56 0.00	30.11 0.68 0.00	36.62 1.07 0.00	39.16 1.40 0.00	40.15 1.51 0.00	37.29 1.29 -0.14	38.04 1.39 -0.19	38.77 1.36 -0.64	39.78 1.46 -0.78	41.51 1.46 -0.45	41.71 1.43 -0.51	42.19 1.50 -0.23	43.58 1.80 0.00	48.90 1.88 0.00	52.89 1.69 0.00	51.85 1.51 0.00	50.30 1.27 0.00	44.28 1.08 0.00	38.03 0.89 0.00	34.18 0.64 0.00
LOVETT___4 23642	33.78 0.86 0.00	31.06 0.61 0.00	28.57 0.56 0.00	27.24 0.48 0.00	27.09 0.56 0.00	30.11 0.68 0.00	36.62 1.07 0.00	39.16 1.40 0.00	40.15 1.51 0.00	37.29 1.29 -0.14	38.04 1.39 -0.19	38.77 1.36 -0.64	39.78 1.46 -0.78	41.51 1.46 -0.45	41.71 1.43 -0.51	42.19 1.50 -0.23	43.58 1.80 0.00	48.90 1.88 0.00	52.89 1.69 0.00	51.85 1.51 0.00	50.30 1.27 0.00	44.28 1.08 0.00	38.03 0.89 0.00	34.18 0.64 0.00
LOVETT___5 23593	33.78 0.86 0.00	31.06 0.61 0.00	28.57 0.56 0.00	27.24 0.48 0.00	27.09 0.56 0.00	30.11 0.68 0.00	36.62 1.07 0.00	39.16 1.40 0.00	40.15 1.51 0.00	37.29 1.29 -0.14	38.04 1.39 -0.19	38.77 1.36 -0.64	39.78 1.46 -0.78	41.51 1.46 -0.45	41.71 1.43 -0.51	42.19 1.50 -0.23	43.58 1.80 0.00	48.90 1.88 0.00	52.89 1.69 0.00	51.85 1.51 0.00	50.30 1.27 0.00	44.28 1.08 0.00	38.03 0.89 0.00	34.18 0.64 0.00
LOWER RAQUET___HYD 24057	34.24 1.32 0.00	31.70 1.25 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.64 1.11 0.00	30.73 1.29 0.00	37.23 1.67 0.00	39.62 1.66 -0.19	40.30 1.43 -0.22	37.35 1.29 -0.20	37.98 1.28 -0.24	38.22 1.25 -0.20	38.87 1.12 -0.21	40.96 1.15 -0.22	41.14 1.19 -0.18	41.94 1.26 -0.23	42.61 0.84 0.00	47.73 0.71 0.00	52.12 0.92 0.00	51.45 1.11 0.00	50.30 1.27 0.00	44.84 1.55 -0.09	38.85 1.60 -0.11	35.02 1.47 0.00
LOWER___HUDSON 24059	33.64 0.72 0.00	31.00 0.55 0.00	28.57 0.56 0.00	27.29 0.53 0.00	27.09 0.56 0.00	30.05 0.62 0.00	36.23 0.67 0.00	38.71 0.94 0.00	39.65 1.00 0.00	36.42 0.72 0.16	36.93 0.69 0.22	36.65 0.62 0.74	37.22 0.60 0.91	39.70 0.63 0.52	39.80 0.63 0.59	40.83 0.65 0.27	42.66 0.88 0.00	48.11 1.08 0.00	52.43 1.23 0.00	51.45 1.11 0.00	50.10 1.08 0.00	44.15 0.95 0.00	37.88 0.74 0.00	34.05 0.50 0.00
LOWVILLE_115KV_TB2 356335	34.20 1.28 0.00	31.63 1.19 0.00	29.13 1.12 0.00	27.83 1.07 0.00	27.59 1.06 0.00	30.61 1.18 0.00	37.12 1.56 0.00	39.82 1.66 -0.40	40.58 1.47 -0.47	37.49 1.22 -0.41	38.05 1.09 -0.50	38.25 1.07 -0.41	38.99 1.01 -0.44	41.24 1.19 -0.45	41.29 1.15 -0.38	42.03 1.09 -0.47	42.74 0.96 0.00	48.20 1.18 0.00	52.89 1.69 0.00	52.35 2.01 0.00	51.23 2.21 0.00	45.36 1.99 -0.18	39.08 1.71 -0.23	35.09 1.54 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.97 1.05 0.00	31.36 0.91 0.00	28.88 0.87 0.00	27.56 0.80 0.00	27.35 0.82 0.00	30.38 0.94 0.00	36.62 1.07 0.00	39.05 1.28 0.00	39.96 1.31 0.00	36.74 1.00 0.12	37.09 0.80 0.17	36.94 0.74 0.57	37.58 0.75 0.70	39.91 0.71 0.40	40.02 0.72 0.45	41.02 0.77 0.21	42.74 0.96 0.00	48.34 1.32 0.00	52.94 1.74 0.00	52.15 1.81 0.00	50.79 1.76 0.00	44.67 1.47 0.00	38.29 1.15 0.00	34.49 0.94 0.00

LUTHERNY_35_KV_BK2 355980	34.01 1.09 0.00	31.39 0.94 0.00	28.91 0.90 0.00	27.59 0.83 0.00	27.38 0.85 0.00	30.41 0.97 0.00	36.62 1.07 0.00	39.09 1.32 0.00	40.00 1.35 0.00	36.74 1.00 0.12	37.13 0.84 0.17	36.97 0.77 0.57	37.62 0.79 0.70	39.95 0.75 0.40	40.02 0.72 0.45	41.06 0.81 0.21	42.78 1.00 0.00	48.39 1.36 0.00	52.99 1.79 0.00	52.15 1.81 0.00	50.79 1.76 0.00	44.71 1.51 0.00	38.33 1.19 0.00	34.52 0.97 0.00
LWR___OSWEGATCHIE_HYD 23850	34.24 1.32 0.00	31.66 1.22 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.62 1.09 0.00	30.67 1.24 0.00	37.19 1.64 0.00	39.77 1.66 -0.35	40.52 1.47 -0.41	37.47 1.26 -0.36	38.10 1.20 -0.44	38.27 1.14 -0.36	39.01 1.09 -0.39	41.14 1.15 -0.40	41.25 1.15 -0.33	42.05 1.17 -0.42	42.61 0.84 0.00	47.92 0.89 0.00	52.48 1.28 0.00	51.90 1.56 0.00	50.79 1.76 0.00	45.17 1.81 -0.16	39.01 1.67 -0.20	35.09 1.54 0.00
LYONS_FALL_HYD 23570	33.97 1.05 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.61 0.86 0.00	27.38 0.85 0.00	30.38 0.94 0.00	36.80 1.24 0.00	39.42 1.36 -0.29	40.23 1.24 -0.34	37.20 1.04 -0.30	37.82 0.98 -0.37	37.99 0.92 -0.30	38.80 0.94 -0.33	41.00 1.07 -0.34	41.07 1.03 -0.28	41.78 0.97 -0.35	42.66 0.88 0.00	48.11 1.08 0.00	52.74 1.53 0.00	52.10 1.76 0.00	50.89 1.86 0.00	44.97 1.64 -0.13	38.68 1.38 -0.17	34.79 1.24 0.00
MADISON___COUNTY_LFGE 323628	33.68 0.76 0.00	31.15 0.70 0.00	28.66 0.64 0.00	27.40 0.64 0.00	27.14 0.61 0.00	30.08 0.65 0.00	36.41 0.85 0.00	39.04 0.94 -0.33	39.96 0.93 -0.39	36.99 0.79 -0.34	37.68 0.80 -0.41	37.88 0.77 -0.34	38.72 0.83 -0.37	40.96 0.99 -0.38	40.99 0.91 -0.31	41.70 0.85 -0.39	42.61 0.84 0.00	48.01 0.99 0.00	52.53 1.33 0.00	51.85 1.51 0.00	50.54 1.52 0.00	44.60 1.25 -0.15	38.37 1.04 -0.19	34.49 0.94 0.00
MALONE___115KV_TB1 356076	34.07 1.15 0.00	31.54 1.10 0.00	28.99 0.98 0.00	27.72 0.96 0.00	27.51 0.98 0.00	30.61 1.18 0.00	37.08 1.53 0.00	39.35 1.59 0.00	40.11 1.47 0.00	37.22 1.36 0.00	37.85 1.39 0.00	38.13 1.36 0.00	38.77 1.24 0.00	40.86 1.27 0.00	41.11 1.35 0.00	41.88 1.42 0.00	43.03 1.25 0.00	48.72 1.69 0.00	52.99 1.79 0.00	52.25 1.91 0.00	50.99 1.96 0.00	45.01 1.81 0.00	38.70 1.56 0.00	34.96 1.41 0.00
MAPLEWOD_115KV_TB3 80458	33.32 0.40 0.00	30.81 0.37 0.00	28.38 0.36 0.00	27.08 0.32 0.00	26.87 0.34 0.00	29.82 0.38 0.00	35.95 0.39 0.00	38.37 0.60 0.00	39.34 0.70 0.00	36.17 0.43 0.12	36.73 0.44 0.17	36.58 0.37 0.56	37.18 0.34 0.68	39.52 0.32 0.39	39.68 0.36 0.45	40.62 0.36 0.20	42.28 0.50 0.00	47.68 0.66 0.00	51.92 0.72 0.00	50.94 0.60 0.00	49.61 0.59 0.00	43.72 0.52 0.00	37.51 0.37 0.00	33.78 0.23 0.00
MAPLE_RIDGE_WT_1 323574	32.85 -0.07 0.00	30.42 -0.03 0.00	28.01 0.00 0.00	26.76 0.00 0.00	26.53 0.00 0.00	29.46 0.03 0.00	35.59 0.04 0.00	37.80 0.04 0.00	38.68 0.04 0.00	35.93 0.07 0.00	36.53 0.07 0.00	36.84 0.07 0.00	37.57 0.04 0.00	39.63 0.04 0.00	39.80 0.04 0.00	40.50 0.04 0.00	41.78 0.00 0.00	47.02 0.00 0.00	51.15 -0.05 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.11 -0.09 0.00	37.10 -0.04 0.00	33.55 0.00 0.00
MAPLE_RIDGE_WT_2 323611	32.85 -0.07 0.00	30.42 -0.03 0.00	28.01 0.00 0.00	26.76 0.00 0.00	26.53 0.00 0.00	29.46 0.03 0.00	35.59 0.04 0.00	37.80 0.04 0.00	38.68 0.04 0.00	35.93 0.07 0.00	36.53 0.07 0.00	36.84 0.07 0.00	37.57 0.04 0.00	39.63 0.04 0.00	39.80 0.04 0.00	40.50 0.04 0.00	41.78 0.00 0.00	47.02 0.00 0.00	51.15 -0.05 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.11 -0.09 0.00	37.10 -0.04 0.00	33.55 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	33.54 0.62 0.00	31.02 0.58 0.00	28.54 0.53 0.00	27.26 0.51 0.00	27.09 0.56 0.00	30.08 0.65 0.00	36.41 0.85 0.00	38.60 0.83 0.00	39.42 0.77 0.00	36.58 0.72 0.00	37.19 0.73 0.00	37.47 0.70 0.00	38.17 0.64 0.00	40.23 0.63 0.00	40.44 0.68 0.00	41.15 0.69 0.00	42.41 0.63 0.00	47.82 0.80 0.00	52.07 0.87 0.00	51.25 0.91 0.00	49.95 0.93 0.00	44.15 0.95 0.00	38.00 0.85 0.00	34.35 0.80 0.00
MARSHVLE_115KV_TB1 80742	34.76 1.84 0.00	32.12 1.67 0.00	29.55 1.54 0.00	28.20 1.44 0.00	27.99 1.46 0.00	31.14 1.71 0.00	37.55 1.99 0.00	39.92 2.15 0.00	40.58 1.93 0.00	37.30 1.51 0.07	37.68 1.31 0.10	37.56 1.10 0.32	38.19 1.05 0.39	40.28 0.91 0.22	40.34 0.84 0.25	41.27 0.93 0.12	42.78 1.00 0.00	48.48 1.46 0.00	53.92 2.71 0.00	53.71 3.37 0.00	52.36 3.33 0.00	45.96 2.76 0.00	39.41 2.27 0.00	35.46 1.91 0.00
MARSH_HILL_WT_PWR 323713	33.28 0.36 0.00	31.30 0.85 0.00	28.60 0.59 0.00	27.50 0.75 0.00	27.01 0.48 0.00	29.79 0.35 0.00	35.59 0.04 0.00	38.41 -0.08 -0.72	40.62 -0.19 -2.16	36.62 0.46 -0.29	37.22 0.40 -0.36	37.54 0.48 -0.29	38.48 0.64 -0.32	40.79 0.87 -0.32	40.90 0.87 -0.27	41.65 0.85 -0.34	42.55 0.75 -0.01	47.86 0.80 -0.04	57.57 0.77 -5.60	56.76 1.31 -5.11	55.00 1.17 -4.80	44.49 1.17 -0.13	38.49 1.19 -0.16	35.12 1.58 0.00
MCINTYRE_115KV_TB2 80467	34.66 1.74 0.00	32.09 1.64 0.00	29.55 1.54 0.00	28.20 1.44 0.00	28.01 1.49 0.00	31.14 1.71 0.00	37.72 2.17 0.00	39.84 2.08 0.00	40.38 1.74 0.00	37.37 1.51 0.00	37.92 1.46 0.00	38.13 1.36 0.00	38.77 1.24 0.00	40.86 1.27 0.00	41.11 1.35 0.00	41.88 1.42 0.00	42.91 1.13 0.00	48.34 1.32 0.00	52.94 1.74 0.00	52.40 2.06 0.00	51.28 2.26 0.00	45.44 2.25 0.00	39.22 2.08 0.00	35.49 1.95 0.00
MECO_____69_KV_BK1 80468	34.96 2.04 0.00	32.33 1.89 0.00	29.75 1.74 0.00	28.39 1.63 0.00	28.17 1.64 0.00	31.38 1.94 0.00	37.76 2.20 0.00	40.14 2.38 0.00	40.85 2.20 0.00	37.40 1.61 0.08	37.67 1.31 0.11	37.52 1.10 0.35	38.18 1.09 0.43	40.29 0.95 0.25	40.43 0.95 0.28	41.42 1.09 0.13	43.07 1.30 0.00	48.95 1.93 0.00	54.43 3.23 0.00	54.12 3.78 0.00	52.70 3.68 0.00	46.18 2.98 0.00	39.63 2.49 0.00	35.66 2.11 0.00
MENANDS___115KV_TB5 355628	33.08 0.16 0.00	30.60 0.15 0.00	28.21 0.20 0.00	26.94 0.19 0.00	26.74 0.21 0.00	29.64 0.21 0.00	35.77 0.21 0.00	38.18 0.42 0.00	39.11 0.46 0.00	35.99 0.25 0.12	36.55 0.26 0.17	36.43 0.22 0.56	37.00 0.15 0.68	39.32 0.12 0.39	39.48 0.16 0.45	40.38 0.12 0.20	42.07 0.29 0.00	47.35 0.33 0.00	51.56 0.36 0.00	50.59 0.25 0.00	49.22 0.20 0.00	43.41 0.22 0.00	37.25 0.11 0.00	33.55 0.00 0.00
MG INDUSTRY___DRP 24185	33.22 0.30 0.00	30.72 0.27 0.00	28.32 0.31 0.00	27.02 0.27 0.00	26.82 0.29 0.00	29.76 0.32 0.00	35.84 0.28 0.00	38.22 0.45 0.00	39.11 0.46 0.00	36.09 0.29 0.06	36.60 0.22 0.08	36.68 0.18 0.28	37.30 0.11 0.34	39.48 0.08 0.19	39.62 0.08 0.22	40.44 0.08 0.10	41.99 0.21 0.00	47.35 0.33 0.00	51.61 0.41 0.00	50.74 0.40 0.00	49.42 0.39 0.00	43.54 0.35 0.00	37.40 0.26 0.00	33.71 0.17 0.00

MID___OSWEGATCHIE_HYD 23849	34.24 1.32 0.00	31.66 1.22 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.62 1.09 0.00	30.67 1.24 0.00	37.19 1.64 0.00	39.77 1.66 -0.35	40.52 1.47 -0.41	37.47 1.26 -0.36	38.10 1.20 -0.44	38.27 1.14 -0.36	39.01 1.09 -0.39	41.14 1.15 -0.40	41.25 1.15 -0.33	42.05 1.17 -0.42	42.61 0.84 0.00	47.92 0.89 0.00	52.48 1.28 0.00	51.90 1.56 0.00	50.79 1.76 0.00	45.17 1.81 -0.16	39.01 1.67 -0.20	35.09 1.54 0.00
MID___RAQUETTE_HYD 23851	34.24 1.32 0.00	31.70 1.25 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.64 1.11 0.00	30.73 1.30 0.00	37.23 1.67 0.00	39.62 1.66 -0.19	40.30 1.43 -0.22	37.35 1.29 -0.20	37.98 1.28 -0.24	38.22 1.25 -0.20	38.87 1.13 -0.21	40.96 1.15 -0.22	41.14 1.19 -0.18	41.94 1.25 -0.23	42.57 0.79 0.00	47.73 0.71 0.00	52.12 0.92 0.00	51.45 1.11 0.00	50.30 1.27 0.00	44.84 1.56 -0.09	38.85 1.60 -0.11	35.02 1.48 0.00
MILLIKEN___1 23584	33.28 0.36 0.00	30.84 0.40 0.00	28.32 0.31 0.00	27.10 0.35 0.00	26.79 0.27 0.00	29.70 0.26 0.00	35.84 0.28 0.00	38.86 0.30 -0.80	40.11 0.31 -1.15	36.93 0.32 -0.75	37.67 0.29 -0.92	37.86 0.33 -0.76	38.72 0.38 -0.81	40.94 0.51 -0.83	40.93 0.48 -0.69	41.73 0.40 -0.87	42.24 0.46 0.00	47.64 0.61 -0.01	52.87 0.77 -0.90	52.12 0.96 -0.82	50.78 0.98 -0.77	44.30 0.78 -0.33	38.19 0.63 -0.41	34.22 0.67 0.00
MILLIKEN___2 23585	33.28 0.36 0.00	30.84 0.40 0.00	28.32 0.31 0.00	27.10 0.35 0.00	26.79 0.27 0.00	29.70 0.26 0.00	35.84 0.28 0.00	38.86 0.30 -0.80	40.11 0.31 -1.15	36.93 0.32 -0.75	37.67 0.29 -0.92	37.86 0.33 -0.76	38.72 0.38 -0.81	40.94 0.51 -0.83	40.93 0.48 -0.69	41.73 0.40 -0.87	42.24 0.46 0.00	47.64 0.61 -0.01	52.87 0.77 -0.90	52.12 0.96 -0.82	50.78 0.98 -0.77	44.30 0.78 -0.33	38.19 0.63 -0.41	34.22 0.67 0.00
MILLIKEN___DIESEL 23629	33.28 0.36 0.00	30.84 0.40 0.00	28.32 0.31 0.00	27.10 0.35 0.00	26.79 0.27 0.00	29.70 0.26 0.00	35.84 0.28 0.00	38.86 0.30 -0.80	40.11 0.31 -1.15	36.93 0.32 -0.75	37.67 0.29 -0.92	37.86 0.33 -0.76	38.72 0.38 -0.81	40.94 0.51 -0.83	40.93 0.48 -0.69	41.73 0.40 -0.87	42.24 0.46 0.00	47.64 0.61 -0.01	52.87 0.77 -0.90	52.12 0.96 -0.82	50.78 0.98 -0.77	44.30 0.78 -0.33	38.19 0.63 -0.41	34.22 0.67 0.00
MILLSEAT___LFGE 323607	33.41 0.49 0.00	31.60 1.16 0.00	28.80 0.78 0.00	27.72 0.96 0.00	27.09 0.56 0.00	29.70 0.26 0.00	34.84 0.28 0.00	36.94 -0.71 -0.12	38.11 -1.04 -0.50	36.04 0.18 0.00	36.46 0.00 0.00	37.03 0.26 0.00	38.13 0.60 0.00	40.46 0.87 0.00	40.84 1.07 0.00	41.35 0.89 0.00	42.41 0.63 0.00	47.46 0.42 -0.01	53.20 0.51 -1.49	52.71 1.01 -1.36	51.04 0.74 -1.28	44.32 1.12 0.00	38.33 1.19 0.00	35.46 1.91 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.87 0.95 0.00	31.12 0.67 0.00	28.63 0.62 0.00	27.29 0.54 0.00	27.14 0.61 0.00	30.17 0.74 0.00	36.69 1.14 0.00	39.24 1.47 0.00	40.23 1.58 0.00	37.37 1.36 -0.15	38.16 1.49 -0.21	38.90 1.43 -0.70	39.92 1.54 -0.85	41.63 1.54 -0.49	41.83 1.51 -0.56	42.33 1.62 -0.25	43.70 1.92 0.00	49.00 1.98 0.00	53.04 1.84 0.00	51.95 1.61 0.00	50.40 1.37 0.00	44.36 1.17 0.00	38.11 0.97 0.00	34.22 0.67 0.00
MILLWOOD_13_KV_LOAD 356217	33.94 1.02 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.32 0.56 0.00	27.19 0.66 0.00	30.23 0.79 0.00	36.80 1.24 0.00	39.31 1.55 0.00	40.31 1.66 0.00	37.48 1.47 -0.15	38.24 1.57 -0.21	38.97 1.51 -0.70	40.00 1.61 -0.85	41.71 1.62 -0.49	41.91 1.59 -0.56	42.41 1.70 -0.25	43.74 1.96 0.00	49.09 2.07 0.00	53.15 1.95 0.00	52.05 1.71 0.00	50.54 1.52 0.00	44.49 1.30 0.00	38.18 1.04 0.00	34.28 0.74 0.00
MODEL_CITY_ENERGY 24167	32.66 -0.26 0.00	30.96 0.52 0.00	28.21 0.20 0.00	27.21 0.45 0.00	26.56 0.03 0.00	28.99 -0.44 0.00	33.78 -1.78 0.00	35.70 -2.23 -0.16	36.96 -2.36 -0.67	34.89 -0.97 0.00	35.37 -1.09 0.00	35.93 -0.84 0.00	36.97 -0.56 0.00	39.28 -0.32 0.00	39.64 -0.12 0.00	40.18 -0.28 0.00	41.11 -0.67 -0.01	45.96 -1.08 -0.01	51.91 -1.28 -1.98	51.35 -0.81 -1.81	49.65 -1.08 -1.70	42.85 -0.35 0.00	37.18 0.04 0.00	34.72 1.17 0.00
MODERN_LFGE___ 323580	32.66 -0.26 0.00	30.96 0.52 0.00	28.21 0.20 0.00	27.21 0.45 0.00	26.56 0.03 0.00	28.99 -0.44 0.00	33.78 -1.78 0.00	35.70 -2.23 -0.16	36.96 -2.36 -0.67	34.89 -0.97 0.00	35.37 -1.09 0.00	35.93 -0.84 0.00	36.97 -0.56 0.00	39.28 -0.32 0.00	39.64 -0.12 0.00	40.18 -0.28 0.00	41.11 -0.67 -0.01	45.96 -1.08 -0.01	51.91 -1.28 -1.98	51.35 -0.81 -1.81	49.65 -1.08 -1.70	42.85 -0.35 0.00	37.18 0.04 0.00	34.72 1.17 0.00
MOHAWK_PAPER___DRP 24187	33.32 0.40 0.00	30.81 0.37 0.00	28.38 0.36 0.00	27.08 0.32 0.00	26.87 0.34 0.00	29.82 0.38 0.00	35.95 0.39 0.00	38.37 0.60 0.00	39.34 0.70 0.00	36.17 0.43 0.12	36.73 0.44 0.17	36.58 0.37 0.56	37.18 0.34 0.68	39.52 0.32 0.39	39.68 0.36 0.45	40.62 0.36 0.20	42.28 0.50 0.00	47.68 0.66 0.00	51.92 0.72 0.00	50.94 0.60 0.00	49.61 0.59 0.00	43.72 0.52 0.00	37.51 0.37 0.00	33.78 0.23 0.00
MOHICAN___35_KV_115KV_LD 80490	34.04 1.12 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.59 0.83 0.00	27.40 0.88 0.00	30.46 1.03 0.00	36.66 1.10 0.00	39.13 1.36 0.00	40.00 1.35 0.00	36.75 1.00 0.12	36.88 0.58 0.17	36.69 0.48 0.56	37.37 0.53 0.68	39.60 0.40 0.39	39.68 0.36 0.44	40.70 0.45 0.20	42.36 0.58 0.00	48.06 1.03 0.00	52.99 1.79 0.00	52.30 1.96 0.00	50.99 1.96 0.00	44.80 1.60 0.00	38.44 1.30 0.00	34.59 1.04 0.00
MONGAUP___HYD 23641	33.84 0.92 0.00	31.12 0.67 0.00	28.66 0.64 0.00	27.29 0.53 0.00	27.11 0.58 0.00	30.11 0.68 0.00	36.55 0.99 0.00	38.94 1.17 0.00	39.80 1.16 0.00	36.83 0.86 -0.11	37.42 0.80 -0.16	38.10 0.81 -0.52	39.11 0.94 -0.64	40.95 0.99 -0.37	41.21 1.03 -0.42	41.78 1.13 -0.19	43.20 1.42 0.00	48.67 1.65 0.00	52.89 1.69 0.00	52.05 1.71 0.00	50.59 1.57 0.00	44.41 1.21 0.00	38.07 0.93 0.00	34.32 0.77 0.00
MONTAUK___DIESEL 23721	33.87 0.95 0.00	30.87 0.43 0.00	28.43 0.42 0.00	26.89 0.13 0.00	26.79 0.27 0.00	29.85 0.41 0.00	35.95 0.39 0.00	38.63 0.87 0.00	39.57 0.93 0.00	36.84 0.82 -0.15	38.43 1.75 -0.21	38.88 1.40 -0.72	39.72 1.31 -0.88	40.65 0.55 -0.50	40.93 0.60 -0.57	41.41 0.69 -0.26	42.52 0.75 0.01	48.19 1.18 0.01	52.06 0.87 0.01	50.79 0.45 0.01	49.26 0.25 0.01	43.33 0.13 0.00	37.81 0.67 0.00	34.02 0.47 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.32 0.40 0.00	31.48 1.04 0.00	28.77 0.76 0.00	27.72 0.96 0.00	27.11 0.58 0.00	29.76 0.32 0.00	35.48 -0.07 0.00	38.70 -0.19 -1.12	43.09 -0.23 -4.68	36.61 0.75 0.00	37.23 0.77 0.00	37.73 0.96 0.00	38.73 1.20 0.00	41.22 1.62 0.00	41.59 1.83 0.00	42.12 1.66 0.00	43.19 1.38 -0.04	48.06 0.94 -0.09	66.48 0.77 -14.52	64.66 1.06 -13.26	62.55 1.08 -12.45	44.45 1.25 0.00	38.59 1.45 0.00	35.59 2.05 0.00

MORRIS_RIDGE___SOLAR 323848	32.92 0.00 0.00	31.00 0.55 0.00	28.32 0.31 0.00	27.26 0.51 0.00	26.72 0.19 0.00	29.38 -0.06 0.00	35.02 -0.53 0.00	37.91 -0.76 -0.90	40.87 -0.89 -3.11	36.01 -0.07 -0.22	36.59 -0.15 -0.27	36.92 -0.07 -0.23	37.88 0.11 -0.24	40.16 0.32 -0.25	40.33 0.36 -0.21	41.04 0.32 -0.26	41.97 0.17 -0.02	47.22 0.14 -0.06	59.86 0.05 -8.61	58.76 0.55 -7.86	56.80 0.39 -7.38	43.90 0.60 -0.10	38.01 0.74 -0.12	34.79 1.24 0.00
MORTIMER_115KV_TB3 55949	32.92 0.00 0.00	30.81 0.37 0.00	28.21 0.20 0.00	27.08 0.32 0.00	26.58 0.05 0.00	29.29 -0.15 0.00	34.88 -0.68 0.00	36.98 -0.72 0.07	37.68 -0.70 0.27	35.79 -0.07 0.00	36.42 -0.04 0.00	36.95 0.18 0.00	37.87 0.34 0.00	40.19 0.59 0.00	40.44 0.68 0.00	40.91 0.45 0.00	42.19 0.42 0.00	47.35 0.33 0.01	50.67 0.31 0.84	50.03 0.45 0.77	48.79 0.49 0.72	43.80 0.60 0.00	37.81 0.67 0.00	34.45 0.91 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.54 1.77 0.00	40.58 1.93 0.00	37.70 1.69 -0.15	38.50 1.82 -0.21	39.29 1.80 -0.72	40.32 1.91 -0.88	42.00 1.90 -0.50	42.24 1.91 -0.57	42.70 1.98 -0.26	44.16 2.38 0.00	49.42 2.40 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
MUNSVILLE_WIND_PWR 323609	35.82 2.90 0.00	33.28 2.83 0.00	30.70 2.69 0.00	29.35 2.59 0.00	29.02 2.49 0.00	32.14 2.71 0.00	39.18 3.63 0.00	42.42 4.19 -0.47	43.57 4.09 -0.83	40.07 3.80 -0.41	40.57 3.61 -0.50	41.02 3.75 -0.49	42.09 4.02 -0.55	44.57 4.47 -0.50	44.50 4.30 -0.44	45.19 4.25 -0.49	45.96 4.18 0.00	51.92 4.89 -0.01	58.33 5.94 -1.19	57.62 6.19 -1.08	56.27 6.23 -1.02	48.42 5.05 -0.17	41.55 4.20 -0.21	37.47 3.92 0.00
N SALMON___HYD 24042	34.07 1.15 0.00	31.54 1.09 0.00	28.99 0.98 0.00	27.72 0.96 0.00	27.51 0.98 0.00	30.61 1.18 0.00	37.08 1.53 0.00	39.35 1.59 0.00	40.08 1.43 0.00	37.22 1.36 0.00	37.85 1.39 0.00	38.13 1.36 0.00	38.81 1.28 0.00	40.86 1.27 0.00	41.11 1.35 0.00	41.88 1.42 0.00	43.08 1.30 0.00	48.71 1.69 0.00	52.99 1.79 0.00	52.25 1.91 0.00	50.99 1.96 0.00	45.01 1.81 0.00	38.70 1.56 0.00	34.95 1.41 0.00
N.AKRON__115KV_KNAPP 355671	33.45 0.53 0.00	31.54 1.10 0.00	28.85 0.84 0.00	27.53 0.78 0.00	27.14 0.61 0.00	29.73 0.29 0.00	34.88 -0.68 0.00	36.98 -0.91 -0.12	38.19 -0.97 -0.51	35.90 0.04 0.00	36.50 0.04 0.00	37.10 0.33 0.00	38.09 0.56 0.00	40.54 0.95 0.00	40.88 1.11 0.00	41.27 0.81 0.00	42.45 0.67 0.00	47.50 0.47 -0.01	53.21 0.51 -1.50	52.47 0.76 -1.37	51.15 0.83 -1.29	44.32 1.12 0.00	38.40 1.26 0.00	35.53 1.98 0.00
N.E_GEN_SANDY PD 24062	33.54 0.62 0.00	30.84 0.39 0.00	28.43 0.42 0.00	27.16 0.40 0.00	27.01 0.48 0.00	29.90 0.47 0.00	36.20 0.64 0.00	38.67 0.90 0.00	39.69 1.04 0.00	35.70 0.72 0.88	36.02 0.80 1.24	33.40 0.77 4.14	33.20 0.75 5.08	37.43 0.75 2.91	37.20 0.75 3.32	39.71 0.77 1.52	42.82 1.04 0.00	48.20 1.18 0.00	52.38 1.18 0.00	51.20 0.85 0.00	49.91 0.88 0.00	44.02 0.82 0.00	37.70 0.56 0.00	33.85 0.30 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.84 0.92 0.00	31.12 0.67 0.00	28.63 0.62 0.00	27.26 0.51 0.00	27.11 0.58 0.00	30.14 0.71 0.00	36.69 1.14 0.00	39.20 1.44 0.00	40.19 1.55 0.00	37.32 1.33 -0.13	38.04 1.39 -0.19	38.76 1.36 -0.63	39.80 1.50 -0.77	41.54 1.50 -0.44	41.78 1.51 -0.50	42.27 1.58 -0.23	43.66 1.88 0.00	49.00 1.98 0.00	52.99 1.79 0.00	51.95 1.61 0.00	50.40 1.37 0.00	44.36 1.17 0.00	38.07 0.93 0.00	34.22 0.67 0.00
N.QUEENS_27_KV_LOAD 356247	34.27 1.35 0.00	31.48 1.04 0.00	28.94 0.92 0.00	27.48 0.72 0.00	27.35 0.82 0.00	30.26 0.82 0.00	36.87 1.32 0.00	39.46 1.70 0.00	40.54 1.89 0.00	37.66 1.65 -0.15	38.57 1.90 -0.21	39.36 1.88 -0.71	40.43 2.03 -0.88	42.12 2.02 -0.50	42.36 2.03 -0.57	42.87 2.14 -0.26	44.31 2.55 0.02	49.61 2.59 0.00	53.45 2.25 0.00	52.25 1.91 0.00	50.35 1.32 0.00	44.49 1.30 0.00	38.22 1.08 0.00	34.62 1.07 0.00
N.TROY___115KV_TB1 355778	33.64 0.72 0.00	31.03 0.58 0.00	28.57 0.56 0.00	27.29 0.54 0.00	27.09 0.56 0.00	30.05 0.62 0.00	36.27 0.71 0.00	38.71 0.94 0.00	39.65 1.00 0.00	36.42 0.72 0.16	36.93 0.69 0.22	36.65 0.63 0.74	37.26 0.64 0.91	39.71 0.63 0.52	39.81 0.64 0.59	40.84 0.65 0.27	42.66 0.88 0.00	48.11 1.08 0.00	52.43 1.23 0.00	51.45 1.11 0.00	50.15 1.13 0.00	44.19 0.99 0.00	37.85 0.71 0.00	34.05 0.50 0.00
NARROWS_GT1_1 24228	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT1_2 24229	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT1_3 24230	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT1_4 24231	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT1_5 24232	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00

NARROWS_GT1_6 24233	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT1_7 24234	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT1_8 24235	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT2_1 24236	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT2_2 24237	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT2_3 24238	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT2_4 24239	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT2_5 24240	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT2_6 24241	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT2_7 24242	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NARROWS_GT2_8 24243	34.44 1.52 -0.01	31.58 1.13 -0.01	29.06 1.04 -0.01	27.61 0.86 0.00	27.48 0.95 0.00	30.40 0.97 0.00	36.98 1.42 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.58 2.18 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.07 2.35 -0.26	44.54 2.76 -0.01	49.99 2.96 0.00	53.86 2.66 0.00	52.55 2.21 0.00	50.69 1.67 0.00	44.75 1.55 0.00	38.52 1.38 0.00	34.82 1.27 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.55 0.63 0.00	31.03 0.58 0.00	28.60 0.59 0.00	27.32 0.56 0.00	27.09 0.56 0.00	30.05 0.62 0.00	36.20 0.64 0.00	38.60 0.83 0.00	39.38 0.73 0.00	36.50 0.68 0.04	36.88 0.47 0.06	36.94 0.37 0.19	37.70 0.41 0.24	39.89 0.44 0.14	40.08 0.48 0.16	40.92 0.53 0.07	42.15 0.38 0.00	47.73 0.71 0.00	52.23 1.02 0.00	51.50 1.16 0.00	50.05 1.03 0.00	44.06 0.86 0.00	37.81 0.67 0.00	34.08 0.54 0.00
NCHELSEA_115KV_TR2 355582	33.97 1.05 0.00	31.24 0.79 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.25 0.72 0.00	30.26 0.82 0.00	36.76 1.21 0.00	39.28 1.51 0.00	40.23 1.58 0.00	37.34 1.36 -0.12	37.94 1.31 -0.17	38.62 1.29 -0.56	39.68 1.46 -0.69	41.49 1.50 -0.40	41.68 1.47 -0.45	42.28 1.62 -0.21	43.66 1.88 0.00	49.09 2.07 0.00	53.25 2.05 0.00	52.20 1.86 0.00	50.69 1.67 0.00	44.54 1.34 0.00	38.18 1.04 0.00	34.35 0.81 0.00
NEG CAPITAL___MECHNVIL 23645	34.04 1.12 0.00	31.42 0.97 0.00	28.94 0.92 0.00	27.61 0.86 0.00	27.40 0.87 0.00	30.44 1.00 0.00	36.66 1.10 0.00	39.12 1.36 0.00	40.08 1.43 0.00	36.80 1.07 0.13	37.22 0.95 0.19	37.02 0.88 0.63	37.66 0.90 0.77	40.02 0.87 0.44	40.13 0.87 0.50	41.20 0.97 0.23	42.91 1.13 0.00	48.53 1.50 0.00	53.15 1.95 0.00	52.25 1.91 0.00	50.89 1.86 0.00	44.75 1.55 0.00	38.41 1.26 0.00	34.55 1.01 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.23 -0.69 0.00	30.14 -0.30 0.00	27.59 -0.42 0.00	26.46 -0.29 0.00	26.02 -0.50 0.00	28.73 -0.71 0.00	34.38 -1.17 0.00	36.53 -1.17 0.06	37.22 -1.16 0.27	35.32 -0.54 0.00	35.88 -0.58 0.00	36.33 -0.44 0.00	37.19 -0.34 0.00	39.36 -0.24 0.00	39.60 -0.16 0.00	40.14 -0.33 0.00	41.32 -0.46 0.00	46.41 -0.61 0.01	49.77 -0.61 0.82	49.24 -0.35 0.75	47.83 -0.49 0.71	42.90 -0.30 0.00	36.96 -0.18 0.00	33.58 0.03 0.00

NEG CENTRAL___DRP 24199	33.02 0.10 0.00	30.69 0.24 0.00	28.15 0.14 0.00	26.97 0.21 0.00	26.61 0.08 0.00	29.46 0.03 0.00	35.45 -0.11 0.00	38.39 -0.08 -0.70	39.43 -0.04 -0.82	36.72 0.14 -0.72	37.53 0.18 -0.88	37.75 0.26 -0.73	38.65 0.34 -0.78	40.91 0.51 -0.80	40.91 0.48 -0.67	41.66 0.36 -0.84	42.15 0.38 0.00	47.40 0.38 0.00	51.66 0.46 0.00	50.94 0.60 0.00	49.66 0.64 0.00	44.03 0.52 -0.31	38.06 0.52 -0.40	34.18 0.64 0.00
NEG CENTRAL___INDECK 23768	34.00 1.08 0.00	31.94 1.49 0.00	29.16 1.15 0.00	28.01 1.26 0.00	27.51 0.98 0.00	30.35 0.91 0.00	36.16 0.60 0.00	38.74 0.53 -0.44	40.24 0.27 -1.32	36.87 0.83 -0.18	37.37 0.69 -0.22	37.73 0.77 -0.18	38.74 1.01 -0.20	41.02 1.23 -0.20	41.20 1.27 -0.17	42.05 1.38 -0.21	43.16 1.38 -0.01	48.65 1.60 -0.02	56.52 1.95 -3.38	56.04 2.62 -3.09	54.57 2.65 -2.90	45.74 2.46 -0.08	39.40 2.15 -0.10	35.83 2.28 0.00
NEG CENTRAL___SENECA 23627	33.22 0.30 0.00	30.93 0.49 0.00	28.35 0.34 0.00	27.18 0.43 0.00	26.79 0.27 0.00	29.64 0.21 0.00	35.59 0.04 0.00	38.28 0.11 -0.40	39.24 0.12 -0.47	36.67 0.39 -0.41	37.37 0.40 -0.51	37.70 0.51 -0.42	38.54 0.56 -0.45	40.89 0.83 -0.46	40.98 0.84 -0.38	41.63 0.69 -0.48	42.49 0.71 0.00	47.68 0.66 0.00	51.92 0.72 0.00	51.30 0.96 0.00	49.96 0.93 0.00	44.20 0.82 -0.18	38.26 0.89 -0.23	34.55 1.01 0.00
NEG CENTRAL___STATE_STREET 24147	32.95 0.03 0.00	30.57 0.12 0.00	28.04 0.03 0.00	26.86 0.11 0.00	26.53 0.00 0.00	29.41 -0.03 0.00	35.45 -0.11 0.00	38.60 -0.08 -0.91	39.68 -0.04 -1.07	36.87 0.07 -0.94	37.72 0.11 -1.15	37.90 0.18 -0.95	38.78 0.23 -1.02	40.96 0.32 -1.04	40.91 0.28 -0.87	41.75 0.20 -1.09	41.99 0.21 0.00	47.26 0.24 0.00	51.56 0.36 0.00	50.84 0.50 0.00	49.56 0.54 0.00	44.00 0.39 -0.41	38.00 0.33 -0.52	33.92 0.37 0.00
NEG MILLWOOD___DRP 24198	34.11 1.19 0.00	31.39 0.94 0.00	28.88 0.87 0.00	27.48 0.72 0.00	27.35 0.82 0.00	30.38 0.94 0.00	36.94 1.39 0.00	39.46 1.70 0.00	40.42 1.78 0.00	37.58 1.58 -0.14	38.26 1.60 -0.19	38.96 1.54 -0.64	40.01 1.69 -0.79	41.75 1.70 -0.45	41.99 1.71 -0.52	42.56 1.86 -0.24	43.83 2.05 0.00	49.33 2.30 0.00	53.51 2.30 0.00	52.46 2.11 0.00	50.94 1.91 0.00	44.75 1.56 0.00	38.37 1.23 0.00	34.42 0.87 0.00
NEG NORTH_FLCN_SEA 23793	34.40 1.48 0.00	31.85 1.40 0.00	29.30 1.29 0.00	27.99 1.23 0.00	27.78 1.25 0.00	30.88 1.44 0.00	37.40 1.85 0.00	39.69 1.93 0.00	40.42 1.78 0.00	37.55 1.69 0.00	38.18 1.71 0.00	38.50 1.73 0.00	39.14 1.61 0.00	41.26 1.66 0.00	41.51 1.75 0.00	42.24 1.78 0.00	42.87 1.09 0.00	48.39 1.36 0.00	52.69 1.48 0.00	51.85 1.51 0.00	50.59 1.57 0.00	44.67 1.47 0.00	38.44 1.30 0.00	34.75 1.21 0.00
NEG NORTH_KES_CHATEGAY 23792	33.61 0.69 0.00	31.09 0.64 0.00	28.60 0.59 0.00	27.32 0.56 0.00	27.11 0.58 0.00	30.14 0.71 0.00	36.48 0.92 0.00	38.63 0.87 0.00	39.38 0.73 0.00	36.54 0.68 0.00	37.15 0.69 0.00	37.43 0.66 0.00	38.09 0.56 0.00	40.15 0.55 0.00	40.36 0.60 0.00	41.11 0.65 0.00	42.32 0.54 0.00	47.78 0.75 0.00	52.02 0.82 0.00	51.30 0.96 0.00	50.00 0.98 0.00	44.19 0.99 0.00	38.03 0.89 0.00	34.38 0.84 0.00
NEG NORTH___ALICE_FALLS 23915	34.40 1.48 0.00	31.85 1.40 0.00	29.30 1.29 0.00	27.99 1.23 0.00	27.78 1.25 0.00	30.88 1.44 0.00	37.40 1.85 0.00	39.69 1.93 0.00	40.42 1.78 0.00	37.51 1.65 0.00	38.14 1.68 0.00	38.46 1.69 0.00	39.11 1.58 0.00	41.22 1.62 0.00	41.47 1.71 0.00	42.20 1.74 0.00	42.95 1.17 0.00	48.58 1.55 0.00	52.84 1.64 0.00	52.05 1.71 0.00	50.79 1.76 0.00	44.84 1.64 0.00	38.59 1.45 0.00	34.89 1.34 0.00
NEG NORTH___LWR_SARANAC 23913	34.40 1.48 0.00	31.85 1.40 0.00	29.30 1.29 0.00	27.99 1.23 0.00	27.78 1.25 0.00	30.88 1.44 0.00	37.40 1.85 0.00	39.69 1.93 0.00	40.42 1.78 0.00	37.51 1.65 0.00	38.14 1.68 0.00	38.46 1.69 0.00	39.11 1.58 0.00	41.22 1.62 0.00	41.47 1.71 0.00	42.20 1.74 0.00	42.95 1.17 0.00	48.58 1.55 0.00	52.84 1.64 0.00	52.05 1.71 0.00	50.79 1.76 0.00	44.84 1.64 0.00	38.59 1.45 0.00	34.89 1.34 0.00
NEG NORTH___PLATTSBURG 23628	34.40 1.48 0.00	31.85 1.40 0.00	29.30 1.29 0.00	27.99 1.23 0.00	27.78 1.25 0.00	30.88 1.44 0.00	37.40 1.85 0.00	39.69 1.92 0.00	40.42 1.78 0.00	37.51 1.65 0.00	38.14 1.68 0.00	38.46 1.69 0.00	39.10 1.58 0.00	41.22 1.62 0.00	41.47 1.71 0.00	42.20 1.74 0.00	42.99 1.21 0.00	48.57 1.55 0.00	52.84 1.64 0.00	52.05 1.71 0.00	50.79 1.76 0.00	44.84 1.64 0.00	38.59 1.45 0.00	34.89 1.34 0.00
NEG WEST_LEA_LOCKPORT 23791	32.79 -0.13 0.00	31.00 0.55 0.00	28.35 0.34 0.00	27.08 0.32 0.00	26.66 0.13 0.00	29.14 -0.29 0.00	34.10 -1.46 0.00	36.12 -1.81 -0.17	37.44 -1.89 -0.69	35.07 -0.79 0.00	35.73 -0.73 0.00	36.33 -0.44 0.00	37.27 -0.26 0.00	39.71 0.12 0.00	40.08 0.32 0.00	40.46 0.00 0.00	41.58 -0.21 -0.01	46.47 -0.56 -0.01	52.49 -0.77 -2.05	51.66 -0.55 -1.88	50.30 -0.49 -1.76	43.24 0.04 0.00	37.62 0.48 0.00	34.92 1.38 0.00
NEG WEST___LANCASTR 23811	32.49 -0.43 0.00	30.66 0.21 0.00	28.01 0.00 0.00	26.94 0.19 0.00	26.37 -0.16 0.00	28.93 -0.50 0.00	34.31 -1.24 0.00	37.39 -1.59 -1.21	42.01 -1.66 -5.03	35.18 -0.68 0.00	35.81 -0.66 0.00	36.40 -0.37 0.00	37.34 -0.19 0.00	39.79 0.20 0.00	40.12 0.36 0.00	40.62 0.16 0.00	41.73 -0.08 -0.04	46.75 -0.38 -0.10	65.65 -0.67 -15.11	63.74 -0.40 -13.81	61.60 -0.39 -12.96	43.11 -0.09 0.00	37.40 0.26 0.00	34.59 1.04 0.00
NEG_PENN_ALLEGHNY 23528	33.12 0.20 0.00	30.81 0.37 0.00	28.24 0.22 0.00	27.05 0.29 0.00	26.72 0.19 0.00	29.58 0.15 0.00	35.66 0.11 0.00	38.51 0.15 -0.59	39.90 0.19 -1.06	36.70 0.36 -0.48	37.42 0.36 -0.60	37.70 0.44 -0.49	38.58 0.53 -0.53	40.81 0.67 -0.54	40.85 0.63 -0.45	41.63 0.61 -0.56	42.37 0.58 0.00	47.69 0.66 -0.01	53.30 0.56 -1.53	52.50 0.76 -1.40	51.02 0.69 -1.31	44.01 0.60 -0.21	37.93 0.52 -0.27	34.18 0.64 0.00
NEG___GEN_MONROE 24207	33.25 0.33 0.00	31.18 0.73 0.00	28.52 0.50 0.00	27.32 0.56 0.00	26.82 0.29 0.00	29.52 0.09 0.00	35.06 -0.50 0.00	37.11 -0.60 0.06	37.79 -0.62 0.23	35.90 0.04 0.00	36.53 0.07 0.00	37.06 0.29 0.00	37.98 0.45 0.00	40.31 0.71 0.00	40.60 0.84 0.00	41.03 0.57 0.00	42.24 0.46 0.00	47.44 0.42 0.00	51.05 0.56 0.71	50.44 0.76 0.65	49.25 0.83 0.61	44.15 0.95 0.00	38.11 0.97 0.00	34.85 1.31 0.00
NEPA___ENERGY 23901	32.85 -0.07 0.00	31.03 0.58 0.00	28.38 0.36 0.00	27.29 0.54 0.00	26.72 0.19 0.00	29.32 -0.12 0.00	34.77 -0.78 0.00	37.94 -1.02 -1.20	42.54 -1.08 -4.98	35.68 -0.18 0.00	36.32 -0.15 0.00	36.84 0.07 0.00	37.79 0.26 0.00	40.27 0.67 0.00	40.52 0.76 0.00	41.03 0.57 0.00	42.19 0.38 -0.04	47.36 0.24 -0.10	66.04 -0.05 -14.89	64.19 0.25 -13.60	62.04 0.25 -12.77	43.67 0.48 0.00	37.92 0.78 0.00	34.92 1.38 0.00

NEVERSINK___HYD 23608	33.71 0.79 0.00	31.00 0.55 0.00	28.52 0.50 0.00	27.18 0.43 0.00	27.01 0.48 0.00	29.99 0.56 0.00	36.44 0.89 0.00	38.90 1.13 0.00	39.84 1.20 0.00	36.92 0.97 -0.09	37.50 0.91 -0.12	38.10 0.92 -0.41	39.12 1.09 -0.50	41.07 1.19 -0.29	41.25 1.15 -0.33	41.82 1.21 -0.15	43.28 1.50 0.00	48.67 1.65 0.00	52.84 1.64 0.00	51.90 1.56 0.00	50.49 1.47 0.00	44.32 1.12 0.00	38.00 0.85 0.00	34.22 0.67 0.00
NEWKRMKL_115KV_TB1 55635	32.92 0.00 0.00	30.48 0.03 0.00	28.10 0.08 0.00	26.81 0.05 0.00	26.61 0.08 0.00	29.52 0.09 0.00	35.59 0.04 0.00	37.99 0.23 0.00	38.92 0.27 0.00	35.83 0.07 0.11	36.38 0.07 0.15	36.30 0.04 0.50	36.84 -0.08 0.62	39.16 -0.08 0.35	39.32 -0.04 0.40	40.20 -0.08 0.18	41.82 0.04 0.00	47.07 0.05 0.00	51.25 0.05 0.00	50.29 -0.05 0.00	48.93 -0.10 0.00	43.16 -0.04 0.00	37.07 -0.07 0.00	33.41 -0.13 0.00
NEWTON___FALLS_HYD 23847	34.24 1.32 0.00	31.66 1.22 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.62 1.09 0.00	30.67 1.24 0.00	37.19 1.64 0.00	39.77 1.66 -0.35	40.52 1.47 -0.41	37.47 1.26 -0.36	38.10 1.20 -0.44	38.27 1.14 -0.36	39.01 1.09 -0.39	41.14 1.15 -0.40	41.25 1.15 -0.33	42.05 1.17 -0.42	42.61 0.84 0.00	47.92 0.89 0.00	52.48 1.28 0.00	51.90 1.56 0.00	50.79 1.76 0.00	45.17 1.81 -0.16	39.01 1.67 -0.20	35.09 1.54 0.00
NGRID_A1_DSASP 323792	31.93 -0.99 0.00	30.30 -0.15 0.00	27.62 -0.39 0.00	26.62 -0.13 0.00	25.97 -0.56 0.00	28.38 -1.06 0.00	33.67 -1.89 0.00	35.11 -2.53 0.13	35.44 -2.67 0.54	34.60 -1.26 0.00	35.08 -1.39 0.00	35.67 -1.10 0.00	36.67 -0.86 0.00	38.96 -0.64 0.00	39.33 -0.44 0.00	39.85 -0.61 0.00	40.77 -1.00 0.00	45.56 -1.46 0.01	47.81 -1.74 1.65	47.53 -1.31 1.50	46.04 -1.57 1.41	42.46 -0.73 0.00	36.88 -0.26 0.00	34.08 0.54 0.00
NGRID_A2_DSASP 323793	31.93 -0.99 0.00	30.30 -0.15 0.00	27.62 -0.39 0.00	26.62 -0.13 0.00	25.97 -0.56 0.00	28.38 -1.06 0.00	33.67 -1.89 0.00	35.11 -2.53 0.13	35.44 -2.67 0.54	34.60 -1.26 0.00	35.08 -1.39 0.00	35.67 -1.10 0.00	36.67 -0.86 0.00	38.96 -0.64 0.00	39.33 -0.44 0.00	39.85 -0.61 0.00	40.77 -1.00 0.00	45.56 -1.46 0.01	47.81 -1.74 1.65	47.53 -1.31 1.50	46.04 -1.57 1.41	42.46 -0.73 0.00	36.88 -0.26 0.00	34.08 0.54 0.00
NGRID_A4_DSASP 323807	31.93 -0.99 0.00	30.30 -0.15 0.00	27.62 -0.39 0.00	26.62 -0.13 0.00	25.97 -0.56 0.00	28.38 -1.06 0.00	33.67 -1.89 0.00	35.11 -2.53 0.13	35.44 -2.67 0.54	34.60 -1.26 0.00	35.08 -1.39 0.00	35.67 -1.10 0.00	36.67 -0.86 0.00	38.96 -0.64 0.00	39.33 -0.44 0.00	39.85 -0.61 0.00	40.77 -1.00 0.00	45.56 -1.46 0.01	47.81 -1.74 1.65	47.53 -1.31 1.50	46.04 -1.57 1.41	42.46 -0.73 0.00	36.88 -0.26 0.00	34.08 0.54 0.00
NIAGARA_115E_LBMP 323715	32.56 -0.36 0.00	30.87 0.43 0.00	28.15 0.14 0.00	27.13 0.37 0.00	26.48 -0.05 0.00	28.91 -0.53 0.00	33.57 -1.99 0.00	35.47 -2.45 -0.16	36.71 -2.59 -0.65	34.71 -1.15 0.00	35.15 -1.31 0.00	35.70 -1.07 0.00	36.74 -0.79 0.00	39.08 -0.52 0.00	39.40 -0.36 0.00	39.93 -0.53 0.00	40.86 -0.92 0.00	45.63 -1.41 -0.01	51.55 -1.59 -1.93	50.95 -1.16 -1.77	49.31 -1.37 -1.66	42.59 -0.60 0.00	36.99 -0.15 0.00	34.59 1.04 0.00
NIAGARA_115W_LBMP 323714	31.83 -1.09 0.00	30.24 -0.21 0.00	27.54 -0.48 0.00	26.57 -0.19 0.00	25.92 -0.61 0.00	28.29 -1.15 0.00	33.57 -1.99 0.00	34.96 -2.64 0.16	35.21 -2.78 0.65	34.53 -1.33 0.00	34.96 -1.50 0.00	35.56 -1.21 0.00	36.55 -0.98 0.00	38.84 -0.75 0.00	39.21 -0.56 0.00	39.73 -0.73 0.00	40.65 -1.13 0.00	45.41 -1.60 0.01	47.30 -1.89 2.01	47.05 -1.46 1.83	45.59 -1.72 1.72	42.33 -0.86 0.00	36.77 -0.37 0.00	33.98 0.43 0.00
NIAGARA_230_LBMP 323716	32.29 -0.63 0.00	30.63 0.18 0.00	27.93 -0.08 0.00	26.92 0.16 0.00	26.26 -0.27 0.00	28.70 -0.73 0.00	33.92 -1.63 0.00	35.32 -2.04 0.40	34.81 -2.16 1.67	35.00 -0.86 0.00	35.44 -1.02 0.00	36.03 -0.74 0.00	37.04 -0.49 0.00	39.36 -0.24 0.00	39.68 -0.08 0.00	40.22 -0.24 0.00	41.14 -0.63 0.01	46.05 -0.94 0.03	45.00 -1.13 5.07	45.00 -0.70 4.64	43.74 -0.93 4.35	42.90 -0.30 0.00	37.25 0.11 0.00	34.42 0.87 0.00
NIAGARA___115KV_198_GIBSON 55903	31.83 -1.09 0.00	30.11 -0.33 0.00	27.54 -0.48 0.00	27.05 0.29 0.00	25.92 -0.61 0.00	28.29 -1.15 0.00	33.35 -2.20 0.00	34.96 -2.64 0.16	35.25 -2.74 0.65	34.32 -1.54 0.00	34.97 -1.49 0.00	35.56 -1.21 0.00	36.48 -1.05 0.00	38.84 -0.75 0.00	39.21 -0.56 0.00	39.57 -0.89 0.00	40.60 -1.17 0.00	45.41 -1.60 0.01	47.20 -2.00 2.01	46.75 -1.76 1.83	45.59 -1.72 1.72	42.29 -0.91 0.00	36.81 -0.33 0.00	33.98 0.44 0.00
NIAGARA____ 23760	32.29 -0.63 0.00	30.63 0.18 0.00	27.93 -0.08 0.00	26.92 0.16 0.00	26.26 -0.27 0.00	28.70 -0.73 0.00	33.92 -1.63 0.00	35.70 -2.04 0.03	36.31 -2.16 0.17	35.00 -0.86 0.00	35.44 -1.02 0.00	36.03 -0.74 0.00	37.04 -0.49 0.00	39.36 -0.24 0.00	39.68 -0.08 0.00	40.22 -0.24 0.00	41.15 -0.63 0.01	46.07 -0.94 0.01	47.99 -1.13 2.09	47.73 -0.70 1.91	46.52 -0.93 1.57	42.90 -0.30 0.00	37.25 0.11 0.00	34.42 0.87 0.00
NINE_MILE_1 23575	32.00 -0.92 0.00	29.66 -0.79 0.00	27.23 -0.78 0.00	26.06 -0.70 0.00	25.79 -0.74 0.00	28.55 -0.88 0.00	34.45 -1.10 0.00	30.53 -1.28 5.95	30.32 -1.31 7.02	28.63 -1.11 6.12	27.81 -1.13 7.52	29.43 -1.14 6.20	29.72 -1.12 6.68	31.66 -1.11 6.83	32.93 -1.15 5.68	32.11 -1.21 7.13	40.53 -1.25 0.00	45.61 -1.41 0.00	49.77 -1.43 0.00	48.98 -1.36 0.00	47.65 -1.37 0.00	39.27 -1.25 2.68	32.66 -1.08 3.40	32.64 -0.90 0.00
NINE_MILE_2 23744	32.00 -0.92 0.00	29.66 -0.79 0.00	27.23 -0.78 0.00	26.06 -0.70 0.00	25.79 -0.74 0.00	28.55 -0.88 0.00	34.45 -1.10 0.00	30.44 -1.28 6.04	30.21 -1.31 7.12	28.53 -1.11 6.22	27.70 -1.13 7.64	29.33 -1.14 6.30	29.62 -1.12 6.79	31.56 -1.11 6.93	32.85 -1.15 5.76	32.01 -1.21 7.24	40.53 -1.25 0.00	45.61 -1.41 0.00	49.77 -1.43 0.00	48.98 -1.36 0.00	47.65 -1.37 0.00	39.23 -1.25 2.72	32.61 -1.08 3.46	32.64 -0.90 0.00
NM_CAPITAL___DRP 24208	33.02 0.10 0.00	30.54 0.09 0.00	28.15 0.14 0.00	26.86 0.11 0.00	26.66 0.13 0.00	29.58 0.15 0.00	35.66 0.11 0.00	38.07 0.30 0.00	39.03 0.39 0.00	35.92 0.18 0.12	36.48 0.18 0.17	36.33 0.11 0.55	36.89 0.04 0.68	39.24 0.04 0.39	39.36 0.04 0.44	40.30 0.04 0.20	41.95 0.17 0.00	47.26 0.24 0.00	51.41 0.20 0.00	50.44 0.10 0.00	49.07 0.05 0.00	43.28 0.09 0.00	37.14 0.00 0.00	33.48 -0.07 0.00
NM_CENTRAL___DRP 24181	32.59 -0.33 0.00	30.20 -0.24 0.00	27.73 -0.28 0.00	26.54 -0.21 0.00	26.24 -0.29 0.00	29.08 -0.35 0.00	35.06 -0.50 0.00	37.83 -0.53 -0.60	38.85 -0.50 -0.70	36.12 -0.36 -0.61	36.89 -0.33 -0.76	37.10 -0.29 -0.62	37.94 -0.26 -0.67	40.08 -0.20 -0.69	40.13 -0.20 -0.57	40.81 -0.36 -0.72	41.40 -0.38 0.00	46.60 -0.42 0.00	50.74 -0.46 0.00	49.99 -0.35 0.00	48.68 -0.34 0.00	43.08 -0.39 -0.27	37.19 -0.30 -0.34	33.34 -0.20 0.00

NM_FRONTIER___DRP 24179	31.83 -1.09 0.00	30.11 -0.33 0.00	27.54 -0.48 0.00	27.05 0.29 0.00	25.92 -0.61 0.00	28.29 -1.15 0.00	33.35 -2.20 0.00	34.96 -2.64 0.16	35.25 -2.74 0.65	34.32 -1.54 0.00	34.97 -1.49 0.00	35.56 -1.21 0.00	36.48 -1.05 0.00	38.84 -0.75 0.00	39.21 -0.56 0.00	39.57 -0.89 0.00	40.60 -1.17 0.00	45.41 -1.60 0.01	47.20 -2.00 2.01	46.75 -1.76 1.83	45.59 -1.72 1.72	42.29 -0.91 0.00	36.81 -0.33 0.00	33.98 0.44 0.00
NM_ST_REGIS___HYD 24053	34.17 1.25 0.00	31.63 1.19 0.00	29.08 1.06 0.00	27.77 1.02 0.00	27.56 1.03 0.00	30.70 1.27 0.00	37.19 1.64 0.00	39.46 1.70 0.00	40.19 1.55 0.00	37.30 1.43 0.00	37.92 1.46 0.00	38.20 1.43 0.00	38.84 1.31 0.00	40.94 1.35 0.00	41.23 1.47 0.00	41.96 1.50 0.00	43.12 1.34 0.00	48.86 1.83 0.00	53.10 1.89 0.00	52.40 2.06 0.00	51.18 2.16 0.00	45.19 1.99 0.00	38.81 1.67 0.00	35.06 1.51 0.00
NORTHPORT___1 23551	34.10 1.18 0.00	31.12 0.67 0.00	28.66 0.64 0.00	27.16 0.40 0.00	27.06 0.53 0.00	30.14 0.71 0.00	36.69 1.14 0.00	39.35 1.59 0.00	40.27 1.62 0.00	37.41 1.40 -0.15	38.75 2.08 -0.21	39.25 1.76 -0.72	39.91 1.50 -0.88	40.93 0.83 -0.50	41.13 0.79 -0.57	41.41 0.69 -0.26	42.56 0.79 0.01	47.91 0.89 0.01	51.71 0.51 0.01	50.54 0.20 0.01	49.11 0.10 0.01	43.20 0.00 0.00	38.26 1.11 0.00	34.32 0.77 0.00
NORTHPORT___2 23552	34.10 1.18 0.00	31.12 0.67 0.00	28.66 0.64 0.00	27.16 0.40 0.00	27.06 0.53 0.00	30.14 0.71 0.00	36.69 1.14 0.00	39.35 1.59 0.00	40.27 1.62 0.00	37.41 1.40 -0.15	38.75 2.08 -0.21	39.25 1.76 -0.72	39.91 1.50 -0.88	40.93 0.83 -0.50	41.13 0.79 -0.57	41.41 0.69 -0.26	42.56 0.79 0.01	47.91 0.89 0.01	51.71 0.51 0.01	50.54 0.20 0.01	49.11 0.10 0.01	43.20 0.00 0.00	38.26 1.11 0.00	34.32 0.77 0.00
NORTHPORT___3 23553	33.91 0.99 0.00	30.96 0.52 0.00	28.49 0.48 0.00	27.00 0.24 0.00	26.90 0.37 0.00	29.97 0.53 0.00	36.48 0.92 0.00	39.12 1.36 0.00	40.11 1.47 0.00	37.27 1.25 -0.15	38.57 1.89 -0.21	39.18 1.69 -0.72	39.91 1.50 -0.88	40.89 0.79 -0.50	41.13 0.79 -0.57	41.33 0.61 -0.26	42.52 0.75 0.01	47.72 0.71 0.01	51.50 0.31 0.01	50.33 0.00 0.01	48.92 -0.10 0.01	43.03 -0.17 0.00	38.11 0.96 0.00	34.12 0.57 0.00
NORTHPORT___4 23650	33.91 0.99 0.00	30.96 0.52 0.00	28.49 0.48 0.00	27.00 0.24 0.00	26.90 0.37 0.00	29.97 0.53 0.00	36.48 0.92 0.00	39.12 1.36 0.00	40.11 1.47 0.00	37.27 1.25 -0.15	38.57 1.89 -0.21	39.18 1.69 -0.72	39.91 1.50 -0.88	40.89 0.79 -0.50	41.13 0.79 -0.57	41.33 0.61 -0.26	42.52 0.75 0.01	47.72 0.71 0.01	51.50 0.31 0.01	50.33 0.00 0.01	48.92 -0.10 0.01	43.03 -0.17 0.00	38.11 0.96 0.00	34.12 0.57 0.00
NORTHPORT___IC 23718	34.11 1.19 0.00	31.15 0.70 0.00	28.66 0.64 0.00	27.16 0.40 0.00	27.06 0.53 0.00	30.14 0.71 0.00	36.73 1.17 0.00	39.35 1.59 0.00	40.23 1.58 0.00	37.45 1.43 -0.15	38.75 2.08 -0.21	39.25 1.76 -0.72	39.98 1.58 -0.88	40.93 0.83 -0.50	41.13 0.80 -0.57	41.57 0.85 -0.26	42.57 0.79 0.01	47.91 0.89 0.01	51.81 0.61 0.01	50.64 0.30 0.01	49.21 0.20 0.01	43.33 0.13 0.00	38.44 1.30 0.00	34.32 0.77 0.00
NORTH___COUNTRY_ESR 323785	33.51 0.59 0.00	31.02 0.58 0.00	28.54 0.53 0.00	27.26 0.51 0.00	27.06 0.53 0.00	30.05 0.62 0.00	36.37 0.82 0.00	38.60 0.83 0.00	39.38 0.73 0.00	36.54 0.68 0.00	37.15 0.69 0.00	37.43 0.66 0.00	38.13 0.60 0.00	40.15 0.55 0.00	40.40 0.63 0.00	41.11 0.65 0.00	42.32 0.54 0.00	47.73 0.71 0.00	51.92 0.72 0.00	51.14 0.80 0.00	49.86 0.83 0.00	44.06 0.86 0.00	37.92 0.78 0.00	34.28 0.74 0.00
NPX_GEN_1385_PROXY 323591	34.17 1.25 0.00	31.12 0.67 0.00	28.66 0.64 0.00	27.16 0.40 0.00	27.06 0.53 0.00	30.14 0.71 0.00	36.69 1.14 0.00	39.43 1.66 0.00	40.23 1.59 0.00	37.27 1.25 -0.15	38.53 1.86 -0.21	38.96 1.47 -0.72	39.57 1.16 -0.88	40.69 0.59 -0.50	40.89 0.56 -0.57	41.33 0.61 -0.26	42.77 1.00 0.01	48.10 1.08 0.01	52.06 0.87 0.01	50.84 0.50 0.01	49.31 0.30 0.01	43.59 0.39 0.00	38.11 0.96 0.00	34.18 0.64 0.00
NPX_GEN_CSC 323557	33.68 0.76 0.00	30.69 0.24 0.00	28.29 0.28 0.00	26.78 0.03 0.00	26.72 0.19 0.00	29.73 0.29 0.00	36.16 0.60 0.00	38.79 1.02 0.00	39.73 1.08 0.00	36.87 0.86 -0.15	38.32 1.64 -0.21	38.81 1.32 -0.72	39.61 1.20 -0.88	40.61 0.51 -0.50	40.89 0.56 -0.57	41.17 0.45 -0.26	42.48 0.71 0.01	48.01 0.99 0.01	51.71 0.51 0.01	50.54 0.20 0.01	49.16 0.15 0.01	43.24 0.04 0.00	37.85 0.70 0.00	33.85 0.30 0.00
NSINS_S_GLNS_FALLS 23858	33.97 1.05 0.00	31.39 0.94 0.00	28.88 0.87 0.00	27.56 0.80 0.00	27.35 0.82 0.00	30.44 1.00 0.00	36.62 1.07 0.00	39.09 1.32 0.00	39.92 1.28 0.00	36.71 0.97 0.12	36.84 0.55 0.16	36.66 0.44 0.55	37.31 0.45 0.67	39.53 0.32 0.39	39.60 0.28 0.44	40.62 0.36 0.20	42.32 0.54 0.00	47.96 0.94 0.00	52.94 1.74 0.00	52.25 1.91 0.00	50.94 1.91 0.00	44.71 1.51 0.00	38.37 1.23 0.00	34.55 1.01 0.00
NUCOR_STEEL___DRP 24197	32.95 0.03 0.00	30.57 0.12 0.00	28.07 0.06 0.00	26.86 0.11 0.00	26.53 0.00 0.00	29.41 -0.03 0.00	35.41 -0.14 0.00	38.58 -0.15 -0.97	39.63 -0.15 -1.14	36.82 -0.04 -1.00	37.69 0.00 -1.22	37.82 0.04 -1.01	38.69 0.08 -1.09	40.86 0.16 -1.11	40.85 0.16 -0.92	41.70 0.08 -1.16	41.82 0.04 0.00	47.16 0.14 0.00	51.41 0.20 0.00	50.69 0.35 0.00	49.42 0.39 0.00	43.89 0.26 -0.44	37.96 0.26 -0.55	33.85 0.30 0.00
NUMBER_THREE_WT_PWR 323818	34.20 1.28 0.00	31.63 1.19 0.00	29.13 1.12 0.00	27.83 1.07 0.00	27.59 1.06 0.00	30.61 1.18 0.00	37.12 1.56 0.00	39.83 1.66 -0.41	40.59 1.47 -0.48	37.50 1.22 -0.42	38.07 1.09 -0.51	38.26 1.07 -0.42	39.03 1.05 -0.46	41.25 1.19 -0.47	41.30 1.15 -0.39	42.04 1.09 -0.49	42.70 0.92 0.00	48.15 1.13 0.00	52.89 1.69 0.00	52.36 2.02 0.00	51.23 2.21 0.00	45.37 1.99 -0.18	39.08 1.71 -0.23	35.06 1.51 0.00
NYISO_LBMP_REFERENCE 24008	32.92 0.00 0.00	30.45 0.00 0.00	28.01 0.00 0.00	26.76 0.00 0.00	26.53 0.00 0.00	29.43 0.00 0.00	35.56 0.00 0.00	37.77 0.00 0.00	38.65 0.00 0.00	35.86 0.00 0.00	36.46 0.00 0.00	36.77 0.00 0.00	37.53 0.00 0.00	39.59 0.00 0.00	39.76 0.00 0.00	40.46 0.00 0.00	41.78 0.00 0.00	47.02 0.00 0.00	51.20 0.00 0.00	50.34 0.00 0.00	49.02 0.00 0.00	43.20 0.00 0.00	37.14 0.00 0.00	33.55 0.00 0.00
NYPA_BRENTWD____GT 24164	34.44 1.52 0.00	31.42 0.97 0.00	28.94 0.92 0.00	27.42 0.67 0.00	27.30 0.77 0.00	30.40 0.97 0.00	37.01 1.46 0.00	39.73 1.96 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	39.16 2.48 -0.21	39.69 2.21 -0.72	40.47 2.06 -0.88	41.52 1.42 -0.50	41.81 1.47 -0.57	42.06 1.33 -0.26	43.32 1.55 0.01	48.80 1.79 0.01	52.68 1.49 0.01	51.44 1.11 0.01	50.05 1.03 0.01	44.02 0.82 0.00	38.70 1.56 0.00	34.65 1.11 0.00

NYPA_GOWANUS____GT5 24156	34.44	31.58	29.06	27.61	27.48	30.40	36.98	39.65	40.69	37.73	38.72	39.54	40.58	42.31	42.60	43.07	44.54	49.99	53.86	52.55	50.69	44.75	38.52	34.82
	1.52	1.13	1.04	0.86	0.95	0.97	1.42	1.89	2.05	1.72	2.04	2.06	2.18	2.22	2.27	2.35	2.76	2.96	2.66	2.21	1.67	1.55	1.38	1.27
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	34.44	31.58	29.06	27.61	27.48	30.40	36.98	39.65	40.69	37.73	38.72	39.54	40.58	42.31	42.60	43.07	44.54	49.99	53.86	52.55	50.69	44.75	38.52	34.82
	1.52	1.13	1.04	0.86	0.95	0.97	1.42	1.89	2.05	1.72	2.04	2.06	2.18	2.22	2.27	2.35	2.76	2.96	2.66	2.21	1.67	1.55	1.38	1.27
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	34.21	31.43	28.92	27.45	27.32	30.20	36.72	39.42	40.49	37.55	38.45	39.28	40.31	41.99	42.27	42.70	44.19	49.46	53.29	51.99	50.29	44.36	38.14	34.55
	1.28	0.97	0.90	0.69	0.80	0.76	1.17	1.66	1.85	1.54	1.79	1.80	1.91	1.90	1.95	1.98	2.42	2.44	2.10	1.66	1.27	1.17	1.00	1.01
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	-0.14	-0.21	-0.71	-0.87	-0.49	-0.56	-0.25	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
NYPA_HARLEM__RVR__GT2 24161	34.21	31.43	28.92	27.45	27.32	30.20	36.72	39.42	40.49	37.55	38.45	39.28	40.31	41.99	42.27	42.70	44.19	49.46	53.29	51.99	50.29	44.36	38.14	34.55
	1.28	0.97	0.90	0.69	0.80	0.76	1.17	1.66	1.85	1.54	1.79	1.80	1.91	1.90	1.95	1.98	2.42	2.44	2.10	1.66	1.27	1.17	1.00	1.01
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	-0.14	-0.21	-0.71	-0.87	-0.49	-0.56	-0.25	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
NYPA_KENT____GT 24152	34.34	31.52	29.00	27.56	27.43	30.38	36.98	39.65	40.69	37.73	38.68	39.51	40.54	42.23	42.52	42.99	44.46	49.85	53.71	52.41	50.64	44.67	38.41	34.72
	1.41	1.07	0.98	0.80	0.90	0.94	1.42	1.89	2.05	1.72	2.00	2.02	2.14	2.14	2.19	2.26	2.68	2.82	2.51	2.06	1.62	1.47	1.26	1.17
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	34.48	31.64	29.11	27.64	27.51	30.44	37.01	39.65	40.65	37.73	38.68	39.54	40.62	42.31	42.64	43.11	44.50	50.08	53.96	52.61	50.74	44.80	38.55	34.89
	1.55	1.19	1.09	0.88	0.98	1.00	1.46	1.89	2.01	1.72	2.00	2.06	2.21	2.22	2.31	2.39	2.71	3.05	2.76	2.27	1.71	1.60	1.41	1.34
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	34.25	31.46	28.94	27.50	27.38	30.35	36.94	39.62	40.69	37.73	38.64	39.47	40.51	42.19	42.48	42.91	44.42	49.70	53.56	52.30	50.55	44.58	38.33	34.62
	1.32	1.00	0.92	0.75	0.85	0.91	1.39	1.85	2.05	1.72	1.97	1.98	2.10	2.10	2.15	2.18	2.63	2.68	2.36	1.96	1.52	1.38	1.19	1.07
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	34.25	31.46	28.94	27.50	27.38	30.35	36.94	39.62	40.69	37.73	38.64	39.47	40.51	42.19	42.48	42.91	44.42	49.70	53.56	52.30	50.55	44.58	38.33	34.62
	1.32	1.00	0.92	0.75	0.85	0.91	1.39	1.85	2.05	1.72	1.97	1.98	2.10	2.10	2.15	2.18	2.63	2.68	2.36	1.96	1.52	1.38	1.19	1.07
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	34.25	31.43	28.94	27.48	27.38	30.32	36.87	39.58	40.61	37.70	38.61	39.43	40.47	42.15	42.40	42.86	44.38	49.66	53.51	52.20	50.45	44.54	38.29	34.62
	1.32	0.97	0.92	0.72	0.85	0.88	1.32	1.81	1.97	1.69	1.93	1.95	2.06	2.06	2.07	2.14	2.59	2.63	2.31	1.86	1.42	1.34	1.15	1.07
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	34.25	31.43	28.94	27.48	27.38	30.32	36.87	39.58	40.61	37.70	38.61	39.43	40.47	42.15	42.40	42.86	44.38	49.66	53.51	52.20	50.45	44.54	38.29	34.62
	1.32	0.97	0.92	0.72	0.85	0.88	1.32	1.81	1.97	1.69	1.93	1.95	2.06	2.06	2.07	2.14	2.59	2.63	2.31	1.86	1.42	1.34	1.15	1.07
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.71	-0.88	-0.50	-0.57	-0.26	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	34.10	31.09	28.66	27.16	27.06	30.11	36.62	39.28	40.23	37.34	38.75	39.29	40.06	41.09	41.37	41.65	42.90	48.38	52.22	50.99	49.65	43.63	38.29	34.28
	1.18	0.64	0.64	0.40	0.53	0.68	1.07	1.51	1.59	1.33	2.08	1.80	1.65	0.99	1.03	0.93	1.13	1.36	1.02	0.65	0.64	0.43	1.15	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.21	-0.72	-0.88	-0.50	-0.57	-0.26	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
NYPA____HELLGATE_GT1 24158	34.21	31.43	28.92	27.45	27.32	30.20	36.72	39.42	40.49	37.55	38.45	39.28	40.31	41.99	42.27	42.70	44.19	49.46	53.29	51.99	50.29	44.36	38.14	34.55
	1.28	0.97	0.90	0.69	0.80	0.76	1.17	1.66	1.85	1.54	1.79	1.80	1.91	1.90	1.95	1.98	2.42	2.44	2.10	1.66	1.27	1.17	1.00	1.01
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	-0.14	-0.21	-0.71	-0.87	-0.49	-0.56	-0.25	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
NYPA____HELLGATE_GT2 24159	34.21	31.43	28.92	27.45	27.32	30.20	36.72	39.42	40.49	37.55	38.45	39.28	40.31	41.99	42.27	42.70	44.19	49.46	53.29	51.99	50.29	44.36	38.14	34.55
	1.28	0.97	0.90	0.69	0.80	0.76	1.17	1.66	1.85	1.54	1.79	1.80	1.91	1.90	1.95	1.98	2.42	2.44	2.10	1.66	1.27	1.17	1.00	1.01
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.01	0.01	0.01	-0.14	-0.21	-0.71	-0.87	-0.49	-0.56	-0.25	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
NYS_BARGE____HYD 23848	32.85	31.15	28.38	27.37	26.72	29.20	34.13	36.12	37.38	35.29	35.73	36.33	37.38	39.71	40.08	40.62	41.58	46.48	52.62	52.05	50.32	43.33	37.59	34.99
	-0.07	0.70	0.36	0.62	0.19	-0.24	-1.42	-1.81	-1.97	-0.58	-0.73	-0.44	-0.15	0.12	0.32	0.16	-0.21	-0.56	-0.67	-0.20	-0.49	0.13	0.45	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-2.09	-1.91	-1.79	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	32.92	30.87	28.21	27.08	26.58	29.29	34.92	36.98	37.68	35.93	36.42	36.95	37.90	40.19	40.44	40.98	42.19	47.35	50.77	50.23	48.79	43.80	37.77	34.45
	0.00	0.43	0.20	0.32	0.05	-0.15	-0.64	-0.72	-0.69	0.07	-0.04	0.18	0.38	0.59	0.68	0.52	0.42	0.33	0.41	0.65	0.49	0.60	0.63	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.84	0.77	0.72	0.00	0.00	0.00

OAKDALE___35_KV_LOAD 356122	32.99 0.07 0.00	30.66 0.21 0.00	28.12 0.11 0.00	26.92 0.16 0.00	26.61 0.08 0.00	29.46 0.03 0.00	35.48 -0.07 0.00	38.31 -0.04 -0.59	39.71 0.00 -1.07	36.48 0.14 -0.47	37.19 0.15 -0.58	37.47 0.22 -0.48	38.34 0.30 -0.52	40.56 0.44 -0.53	40.64 0.44 -0.44	41.37 0.36 -0.55	42.12 0.33 0.00	47.41 0.38 -0.01	53.11 0.31 -1.61	52.26 0.45 -1.47	50.79 0.39 -1.38	43.75 0.35 -0.21	37.74 0.33 -0.26	33.98 0.44 0.00
OCC_CHEM___DRP 24175	31.93 -0.99 0.00	30.20 -0.24 0.00	27.62 -0.39 0.00	27.08 0.32 0.00	25.97 -0.56 0.00	28.38 -1.06 0.00	33.42 -2.13 0.00	35.11 -2.53 0.13	35.48 -2.63 0.54	34.43 -1.43 0.00	35.08 -1.39 0.00	35.63 -1.14 0.00	36.59 -0.94 0.00	38.96 -0.63 0.00	39.32 -0.44 0.00	39.69 -0.77 0.00	40.73 -1.04 0.00	45.56 -1.46 0.01	47.71 -1.84 1.65	47.23 -1.61 1.50	46.04 -1.57 1.41	42.38 -0.82 0.00	36.92 -0.22 0.00	34.08 0.54 0.00
OH_GEN_PROXY 24063	32.29 -0.63 0.00	30.60 0.15 0.00	27.90 -0.11 0.00	26.89 0.13 0.00	26.26 -0.27 0.00	28.70 -0.73 0.00	33.92 -1.63 0.00	35.40 -2.00 0.36	35.01 -2.13 1.51	35.00 -0.86 0.00	35.48 -0.98 0.00	36.03 -0.74 0.00	37.04 -0.49 0.00	39.40 -0.20 0.00	39.72 -0.04 0.00	40.22 -0.24 0.00	41.18 -0.58 0.01	46.15 -0.85 0.03	45.55 -1.08 4.57	45.51 -0.66 4.18	44.22 -0.88 3.92	42.90 -0.30 0.00	37.25 0.11 0.00	34.35 0.80 0.00
OLIN_CORP_DRP 24177	32.56 -0.36 0.00	30.78 0.33 0.00	28.15 0.14 0.00	26.73 -0.03 0.00	26.48 -0.05 0.00	28.90 -0.53 0.00	33.67 -1.88 0.00	35.58 -2.38 -0.19	36.96 -2.47 -0.79	34.57 -1.29 0.00	35.22 -1.24 0.00	35.81 -0.96 0.00	36.74 -0.79 0.00	39.16 -0.44 0.00	39.48 -0.28 0.00	39.85 -0.61 0.00	40.95 -0.84 -0.01	45.77 -1.27 -0.02	51.95 -1.59 -2.34	51.12 -1.36 -2.14	49.76 -1.27 -2.01	42.59 -0.60 0.00	37.07 -0.07 0.00	34.62 1.07 0.00
OLIN_CORP_DSASP 323712	31.93 -0.99 0.00	30.30 -0.15 0.00	27.62 -0.39 0.00	26.62 -0.13 0.00	25.97 -0.56 0.00	28.38 -1.06 0.00	33.67 -1.89 0.00	35.11 -2.53 0.13	35.44 -2.67 0.54	34.60 -1.26 0.00	35.08 -1.39 0.00	35.67 -1.10 0.00	36.67 -0.86 0.00	38.96 -0.64 0.00	39.33 -0.44 0.00	39.85 -0.61 0.00	40.77 -1.00 0.00	45.56 -1.46 0.01	47.81 -1.74 1.65	47.53 -1.31 1.50	46.04 -1.57 1.41	42.46 -0.73 0.00	36.88 -0.26 0.00	34.08 0.54 0.00
ONEIDA_HERK_LFGE 323681	33.81 0.89 0.00	31.27 0.82 0.00	28.80 0.78 0.00	27.50 0.75 0.00	27.25 0.72 0.00	30.23 0.80 0.00	36.62 1.07 0.00	39.16 1.17 -0.23	39.99 1.08 -0.27	37.03 0.93 -0.23	37.62 0.87 -0.29	37.85 0.85 -0.24	38.65 0.86 -0.26	40.84 0.99 -0.26	40.93 0.95 -0.22	41.62 0.89 -0.27	42.61 0.84 0.00	48.06 1.03 0.00	52.63 1.43 0.00	51.95 1.61 0.00	50.69 1.67 0.00	44.72 1.42 -0.10	38.46 1.19 -0.13	34.62 1.07 0.00
ONEIDA___115KV_TB4 55905	33.68 0.76 0.00	31.15 0.70 0.00	28.66 0.64 0.00	27.40 0.64 0.00	27.14 0.61 0.00	30.08 0.65 0.00	36.41 0.85 0.00	39.04 0.94 -0.33	39.96 0.93 -0.39	36.99 0.79 -0.34	37.68 0.80 -0.41	37.88 0.77 -0.34	38.72 0.83 -0.37	40.96 0.99 -0.38	40.99 0.91 -0.31	41.70 0.85 -0.39	42.61 0.84 0.00	48.01 0.99 0.00	52.53 1.33 0.00	51.85 1.51 0.00	50.54 1.52 0.00	44.60 1.25 -0.15	38.37 1.04 -0.19	34.49 0.94 0.00
ONONDAGA_REF_OCCRA 23987	32.69 -0.23 0.00	30.29 -0.15 0.00	27.82 -0.20 0.00	26.62 -0.13 0.00	26.34 -0.19 0.00	29.17 -0.26 0.00	35.20 -0.36 0.00	38.10 -0.38 -0.72	39.14 -0.35 -0.84	36.38 -0.22 -0.74	37.15 -0.22 -0.90	37.33 -0.18 -0.75	38.22 -0.11 -0.80	40.37 -0.04 -0.82	40.36 -0.08 -0.68	41.11 -0.20 -0.86	41.57 -0.21 0.00	46.79 -0.24 0.00	51.00 -0.20 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.35 -0.17 -0.32	37.40 -0.15 -0.41	33.48 -0.07 0.00
ONONDAGA___COGEN 23986	32.72 -0.20 0.00	30.33 -0.12 0.00	27.84 -0.17 0.00	26.65 -0.11 0.00	26.34 -0.19 0.00	29.20 -0.24 0.00	35.24 -0.32 0.00	38.50 -0.34 -1.07	39.60 -0.31 -1.26	36.75 -0.22 -1.10	37.63 -0.18 -1.35	37.74 -0.15 -1.12	38.62 -0.11 -1.20	40.78 -0.04 -1.23	40.70 -0.08 -1.02	41.58 -0.16 -1.28	41.57 -0.21 0.00	46.84 -0.19 0.00	51.05 -0.15 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.55 -0.13 -0.48	37.64 -0.11 -0.61	33.51 -0.03 0.00
ONTARIO___LFGE 23819	33.22 0.30 0.00	30.96 0.52 0.00	28.35 0.34 0.00	27.18 0.43 0.00	26.79 0.27 0.00	29.64 0.21 0.00	35.63 0.07 0.00	38.28 0.11 -0.40	39.24 0.12 -0.47	36.74 0.46 -0.41	37.37 0.40 -0.51	37.70 0.51 -0.42	38.62 0.64 -0.45	40.89 0.83 -0.46	40.98 0.84 -0.38	41.67 0.73 -0.48	42.49 0.71 0.00	47.68 0.66 0.00	51.97 0.77 0.00	51.40 1.06 0.00	49.95 0.93 0.00	44.24 0.86 -0.18	38.23 0.85 -0.23	34.55 1.01 0.00
ORANGEVILLE_WT_PWR 323706	32.79 -0.13 0.00	30.96 0.52 0.00	28.26 0.25 0.00	27.24 0.48 0.00	26.66 0.13 0.00	29.26 -0.18 0.00	34.70 -0.85 0.00	37.68 -1.13 -1.05	41.29 -1.24 -3.88	35.78 -0.25 -0.16	36.30 -0.36 -0.20	36.75 -0.18 -0.17	37.75 0.04 -0.18	40.06 0.28 -0.18	40.27 0.36 -0.15	40.94 0.29 -0.19	41.89 0.08 -0.03	47.05 -0.05 -0.07	62.15 -0.15 -11.11	60.79 0.30 -10.15	58.70 0.15 -9.53	43.70 0.43 -0.07	37.90 0.67 -0.09	34.82 1.27 0.00
ORANGEVILLE___ESR 323794	32.79 -0.13 0.00	30.96 0.52 0.00	28.26 0.25 0.00	27.24 0.48 0.00	26.66 0.13 0.00	29.26 -0.18 0.00	34.70 -0.85 0.00	37.68 -1.13 -1.05	41.29 -1.24 -3.88	35.78 -0.25 -0.16	36.30 -0.36 -0.20	36.75 -0.18 -0.17	37.75 0.04 -0.18	40.06 0.28 -0.18	40.27 0.36 -0.15	40.94 0.29 -0.19	41.89 0.08 -0.03	47.05 -0.05 -0.07	62.15 -0.15 -11.11	60.79 0.30 -10.15	58.70 0.15 -9.53	43.70 0.43 -0.07	37.90 0.67 -0.09	34.82 1.27 0.00
OSWEGATCHIE___HYD 24044	34.24 1.32 0.00	31.67 1.22 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.62 1.09 0.00	30.67 1.24 0.00	37.19 1.64 0.00	39.77 1.66 -0.35	40.52 1.47 -0.41	37.47 1.25 -0.36	38.10 1.20 -0.44	38.27 1.14 -0.36	39.01 1.09 -0.39	41.14 1.15 -0.40	41.25 1.15 -0.33	42.05 1.17 -0.42	42.61 0.84 0.00	47.92 0.89 0.00	52.48 1.28 0.00	51.90 1.56 0.00	50.79 1.76 0.00	45.17 1.81 -0.16	39.01 1.67 -0.20	35.09 1.54 0.00
OSWEGO___5 23606	32.23 -0.69 0.00	29.87 -0.58 0.00	27.45 -0.56 0.00	26.25 -0.51 0.00	25.97 -0.56 0.00	28.79 -0.65 0.00	34.70 -0.85 0.00	41.21 -1.02 -4.46	42.89 -1.00 -5.25	39.62 -0.82 -4.59	41.26 -0.84 -5.63	40.57 -0.84 -4.65	41.75 -0.79 -5.01	43.91 -0.79 -5.11	43.22 -0.79 -4.25	44.91 -0.89 -5.34	40.86 -0.92 0.00	45.99 -1.03 0.00	50.12 -1.08 0.00	49.38 -0.96 0.00	48.04 -0.98 0.00	44.29 -0.91 -2.00	38.91 -0.78 -2.55	32.91 -0.64 0.00
OSWEGO___6 23613	32.23 -0.69 0.00	29.87 -0.58 0.00	27.45 -0.56 0.00	26.25 -0.51 0.00	25.97 -0.56 0.00	28.79 -0.65 0.00	34.70 -0.85 0.00	41.21 -1.02 -4.46	42.89 -1.00 -5.25	39.62 -0.82 -4.59	41.26 -0.84 -5.63	40.57 -0.84 -4.65	41.75 -0.79 -5.01	43.91 -0.79 -5.11	43.22 -0.79 -4.25	44.91 -0.89 -5.34	40.86 -0.92 0.00	45.99 -1.03 0.00	50.12 -1.08 0.00	49.38 -0.96 0.00	48.04 -0.98 0.00	44.29 -0.91 -2.00	38.91 -0.78 -2.55	32.91 -0.64 0.00

OUTOKUMPU-AB___DRP 24206	32.82 -0.10 0.00	31.00 0.55 0.00	28.35 0.34 0.00	27.42 0.67 0.00	26.66 0.13 0.00	29.14 -0.29 0.00	34.28 -1.28 0.00	36.59 -1.59 -0.41	38.68 -1.66 -1.70	35.36 -0.50 0.00	36.02 -0.44 0.00	36.62 -0.15 0.00	37.64 0.11 0.00	40.11 0.51 0.00	40.48 0.72 0.00	40.86 0.40 0.00	41.96 0.17 -0.01	46.92 -0.14 -0.03	55.91 -0.36 -5.07	54.82 -0.15 -4.63	53.23 -0.15 -4.35	43.54 0.35 0.00	37.85 0.71 0.00	35.06 1.51 0.00
OXBOW___BTM 323836	32.43 -0.49 0.00	30.75 0.30 0.00	28.04 0.03 0.00	27.02 0.27 0.00	26.37 -0.16 0.00	28.82 -0.62 0.00	34.10 -1.46 0.00	35.91 -2.00 -0.14	37.11 -2.13 -0.59	35.18 -0.68 0.00	35.62 -0.84 0.00	36.22 -0.55 0.00	37.31 -0.22 0.00	39.63 0.04 0.00	40.00 0.24 0.00	40.54 0.08 0.00	41.49 -0.29 0.00	46.38 -0.66 -0.01	52.08 -0.87 -1.75	51.49 -0.45 -1.60	49.79 -0.73 -1.50	43.11 -0.09 0.00	37.44 0.30 0.00	34.65 1.11 0.00
OXBOW___ 24026	32.43 -0.49 0.00	30.66 0.21 0.00	28.04 0.03 0.00	27.29 0.54 0.00	26.37 -0.16 0.00	28.82 -0.62 0.00	33.92 -1.64 0.00	35.91 -2.00 -0.14	37.15 -2.09 -0.59	34.96 -0.90 0.00	35.62 -0.84 0.00	36.22 -0.55 0.00	37.19 -0.34 0.00	39.63 0.04 0.00	40.00 0.24 0.00	40.38 -0.08 0.00	41.49 -0.29 0.00	46.33 -0.71 -0.01	51.98 -0.97 -1.75	51.18 -0.76 -1.60	49.79 -0.74 -1.50	43.07 -0.13 0.00	37.48 0.33 0.00	34.65 1.11 0.00
OXY_CHEM_DSASP 323612	31.93 -0.99 0.00	30.20 -0.24 0.00	27.62 -0.39 0.00	27.08 0.32 0.00	25.97 -0.56 0.00	28.38 -1.06 0.00	33.42 -2.13 0.00	35.11 -2.53 0.13	35.48 -2.63 0.54	34.43 -1.43 0.00	35.08 -1.39 0.00	35.63 -1.14 0.00	36.59 -0.94 0.00	38.96 -0.63 0.00	39.32 -0.44 0.00	39.69 -0.77 0.00	40.73 -1.04 0.00	45.56 -1.46 0.01	47.71 -1.84 1.65	47.23 -1.61 1.50	46.04 -1.57 1.41	42.38 -0.82 0.00	36.92 -0.22 0.00	34.08 0.54 0.00
OZONE_PARK_ESR 323760	34.34 1.42 0.00	31.54 1.10 0.00	28.99 0.98 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.55 1.12 0.00	37.30 1.74 0.00	39.92 2.15 0.00	40.96 2.32 0.00	38.06 2.04 -0.15	38.90 2.22 -0.21	39.69 2.21 -0.71	40.73 2.33 -0.88	42.43 2.34 -0.50	42.68 2.35 -0.57	43.15 2.43 -0.26	44.66 2.88 0.00	49.99 2.96 0.00	54.02 2.82 0.00	52.81 2.47 0.00	51.13 2.11 0.00	45.06 1.86 0.00	38.70 1.56 0.00	34.75 1.21 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.93 -0.99 0.00	30.20 -0.24 0.00	27.62 -0.39 0.00	27.08 0.32 0.00	25.97 -0.56 0.00	28.38 -1.06 0.00	33.42 -2.13 0.00	35.11 -2.53 0.13	35.48 -2.63 0.54	34.43 -1.43 0.00	35.08 -1.39 0.00	35.63 -1.14 0.00	36.59 -0.94 0.00	38.96 -0.63 0.00	39.32 -0.44 0.00	39.69 -0.77 0.00	40.73 -1.04 0.00	45.56 -1.46 0.01	47.71 -1.84 1.65	47.23 -1.61 1.50	46.04 -1.57 1.41	42.38 -0.82 0.00	36.92 -0.22 0.00	34.08 0.54 0.00
PACKARD__115KV_DUPONT_184 80571	31.93 -0.99 0.00	30.20 -0.24 0.00	27.62 -0.39 0.00	27.08 0.32 0.00	25.97 -0.56 0.00	28.38 -1.06 0.00	33.42 -2.13 0.00	35.11 -2.53 0.13	35.48 -2.63 0.54	34.43 -1.43 0.00	35.08 -1.39 0.00	35.63 -1.14 0.00	36.59 -0.94 0.00	38.96 -0.63 0.00	39.32 -0.44 0.00	39.69 -0.77 0.00	40.73 -1.04 0.00	45.56 -1.46 0.01	47.71 -1.84 1.65	47.23 -1.61 1.50	46.04 -1.57 1.41	42.38 -0.82 0.00	36.92 -0.22 0.00	34.08 0.54 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.45 0.70 0.00	27.33 0.80 0.00	30.20 0.77 0.00	36.84 1.28 0.00	39.43 1.66 0.00	40.46 1.82 0.00	37.59 1.58 -0.15	38.46 1.79 -0.21	39.29 1.80 -0.71	40.32 1.91 -0.88	42.00 1.90 -0.50	42.24 1.91 -0.57	42.74 2.02 -0.26	44.19 2.42 0.02	49.47 2.45 0.00	53.30 2.10 0.00	52.10 1.76 0.00	50.25 1.23 0.00	44.41 1.21 0.00	38.14 1.00 0.00	34.55 1.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.76 1.84 0.00	31.94 1.49 0.00	29.39 1.37 0.00	27.91 1.15 0.00	27.78 1.25 0.00	30.70 1.27 0.00	37.44 1.88 0.00	40.07 2.30 0.00	41.12 2.47 0.00	38.13 2.12 -0.15	39.05 2.37 -0.21	39.84 2.35 -0.71	40.92 2.51 -0.88	42.59 2.49 -0.50	42.88 2.54 -0.57	43.35 2.63 -0.26	44.85 3.09 0.02	50.22 3.20 0.00	54.17 2.97 0.00	52.96 2.62 0.00	51.03 2.01 0.00	45.06 1.86 0.00	38.74 1.60 0.00	35.09 1.54 0.00
PATROON__115KV_TB1 80586	33.02 0.10 0.00	30.57 0.12 0.00	28.18 0.17 0.00	26.89 0.13 0.00	26.69 0.16 0.00	29.61 0.18 0.00	35.70 0.14 0.00	38.11 0.34 0.00	39.03 0.39 0.11	35.93 0.18 0.15	36.49 0.18 0.15	36.40 0.15 0.63	36.94 0.04 0.36	39.27 0.04 0.41	39.43 0.08 0.41	40.31 0.04 0.19	41.95 0.17 0.00	47.26 0.24 0.00	51.46 0.26 0.00	50.49 0.15 0.00	49.12 0.10 0.00	43.28 0.09 0.00	37.18 0.04 0.00	33.51 -0.03 0.00
PATTRSNVILLE___SOLAR 323815	33.77 0.85 0.00	31.18 0.73 0.00	28.71 0.70 0.00	27.40 0.64 0.00	27.19 0.66 0.00	30.20 0.76 0.00	36.44 0.89 0.00	38.79 1.02 0.00	39.65 1.00 0.08	36.49 0.72 0.12	36.92 0.58 0.40	36.89 0.51 0.49	37.57 0.53 0.28	39.71 0.40 0.32	39.80 0.36 0.15	40.76 0.45 0.15	42.32 0.54 0.00	47.82 0.80 0.00	52.53 1.33 0.00	51.80 1.46 0.00	50.49 1.47 0.00	44.41 1.21 0.00	38.11 0.96 0.00	34.32 0.77 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.76 -0.16 0.00	30.93 0.49 0.00	28.27 0.25 0.00	27.16 0.40 0.00	26.61 0.08 0.00	29.17 -0.26 0.00	34.49 -1.07 0.00	37.50 -1.40 -1.13	41.92 -1.43 -4.70	35.47 -0.39 0.00	36.10 -0.36 0.00	36.70 -0.07 0.00	37.72 0.19 0.00	40.19 0.59 0.00	40.52 0.76 0.00	41.03 0.57 0.00	42.15 0.33 -0.04	47.16 0.05 -0.09	65.18 -0.15 -14.13	63.30 0.05 -12.91	61.15 0.00 -12.12	43.50 0.30 0.00	37.77 0.63 0.00	34.92 1.38 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.11 1.19 0.00	31.39 0.94 0.00	28.88 0.87 0.00	27.48 0.72 0.00	27.35 0.82 0.00	30.38 0.94 0.00	36.94 1.39 0.00	39.46 1.70 0.00	40.42 1.78 0.00	37.58 1.58 -0.14	38.26 1.60 -0.19	38.96 1.54 -0.64	40.01 1.69 -0.79	41.75 1.70 -0.45	41.99 1.71 -0.52	42.56 1.86 -0.24	43.83 2.05 0.00	49.33 2.30 0.00	53.51 2.30 0.00	52.46 2.11 0.00	50.94 1.91 0.00	44.75 1.56 0.00	38.37 1.23 0.00	34.42 0.87 0.00
PEEKSKILL___ 23653	33.84 0.92 0.00	31.09 0.64 0.00	28.63 0.62 0.00	27.26 0.51 0.00	27.11 0.58 0.00	30.14 0.71 0.00	36.66 1.10 0.00	39.20 1.43 0.00	40.19 1.55 0.00	37.30 1.29 -0.15	38.09 1.42 -0.21	38.85 1.40 -0.68	39.83 1.46 -0.84	41.54 1.47 -0.48	41.78 1.47 -0.55	42.25 1.54 -0.25	43.62 1.84 0.00	48.95 1.93 0.00	52.94 1.74 0.00	51.80 1.46 0.00	50.40 1.37 0.00	44.32 1.12 0.00	38.03 0.89 0.00	34.18 0.64 0.00
PGE MADISON___WINDPWR 24146	35.82 2.90 0.00	33.28 2.83 0.00	30.70 2.69 0.00	29.35 2.59 0.00	29.02 2.49 0.00	32.14 2.71 0.00	39.18 3.63 0.00	42.42 4.19 -0.47	43.57 4.09 -0.83	40.07 3.80 -0.41	40.57 3.61 -0.50	41.02 3.75 -0.49	42.09 4.02 -0.55	44.57 4.47 -0.50	44.50 4.30 -0.44	45.19 4.25 -0.49	45.96 4.18 0.00	51.92 4.89 -0.01	58.33 5.94 -1.19	57.62 6.19 -1.08	56.27 6.23 -1.02	48.42 5.05 -0.17	41.55 4.20 -0.21	37.47 3.92 0.00

PIERCEFIELD___HYD 23852	34.24 1.32 0.00	31.70 1.25 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.64 1.11 0.00	30.73 1.30 0.00	37.23 1.67 0.00	39.62 1.66 -0.19	40.30 1.43 -0.22	37.35 1.29 -0.20	37.98 1.28 -0.24	38.22 1.25 -0.20	38.87 1.13 -0.21	40.96 1.15 -0.22	41.14 1.19 -0.18	41.94 1.25 -0.23	42.57 0.79 0.00	47.73 0.71 0.00	52.12 0.92 0.00	51.45 1.11 0.00	50.30 1.27 0.00	44.84 1.56 -0.09	38.85 1.60 -0.11	35.02 1.48 0.00
PINELAWN_CC_1 323563	34.30 1.38 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.32 0.56 0.00	27.22 0.69 0.00	30.29 0.85 0.00	36.91 1.35 0.00	39.54 1.78 0.00	40.50 1.85 0.00	37.63 1.62 -0.15	38.97 2.30 -0.21	39.54 2.06 -0.72	40.32 1.91 -0.88	41.44 1.35 -0.50	41.73 1.39 -0.57	42.02 1.29 -0.26	43.27 1.50 0.01	48.71 1.69 0.01	52.58 1.38 0.01	51.39 1.06 0.01	50.00 0.98 0.01	43.93 0.73 0.00	38.55 1.41 0.00	34.52 0.97 0.00
PJM_GEN_HTTP_PROXY 323702	34.04 1.12 0.00	31.24 0.79 0.00	28.74 0.73 0.00	27.37 0.62 0.00	27.27 0.74 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.54 1.78 0.00	40.58 1.93 0.00	37.66 1.65 -0.15	38.50 1.82 -0.21	39.29 1.80 -0.71	40.32 1.91 -0.88	42.00 1.90 -0.50	42.24 1.91 -0.57	42.66 1.94 -0.26	44.12 2.34 0.00	49.42 2.40 0.00	53.35 2.15 0.00	52.15 1.81 0.00	50.64 1.62 0.00	44.54 1.34 0.00	38.29 1.15 0.00	34.42 0.87 0.00
PJM_GEN_KEystone 24065	32.99 0.07 0.00	30.69 0.24 0.00	28.13 0.11 0.00	26.92 0.16 0.00	26.58 0.05 0.00	29.41 -0.03 0.00	35.41 -0.14 0.00	38.00 -0.08 -0.31	39.25 -0.08 -0.69	36.40 0.25 -0.28	37.08 0.26 -0.36	37.67 0.33 -0.57	38.65 0.45 -0.67	40.68 0.59 -0.49	40.84 0.60 -0.48	41.40 0.57 -0.38	42.41 0.63 0.00	47.55 0.52 -0.01	50.50 0.26 0.96	51.90 0.30 -1.26	50.40 0.20 -1.18	43.55 0.26 -0.09	37.55 0.30 -0.12	34.02 0.47 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.97 1.05 0.00	31.02 0.58 0.00	28.54 0.53 0.00	27.10 0.35 0.00	27.01 0.48 0.00	30.05 0.62 0.00	36.59 1.03 0.00	39.24 1.47 0.00	40.19 1.55 0.00	37.34 1.33 -0.15	38.61 1.93 -0.21	39.21 1.73 -0.72	40.02 1.61 -0.88	41.20 1.11 -0.50	41.45 1.11 -0.57	41.73 1.01 -0.26	43.07 1.30 0.01	48.33 1.31 0.01	52.22 1.02 0.01	51.04 0.70 0.01	49.61 0.59 0.01	43.63 0.43 0.00	38.18 1.04 0.00	34.22 0.67 0.00
PJM_GEN_VFT_PROXY 323633	33.88 0.96 0.00	31.09 0.64 0.00	28.60 0.59 0.00	27.24 0.48 0.00	27.14 0.61 0.00	30.17 0.74 0.00	36.80 1.24 0.00	39.43 1.66 0.00	40.50 1.85 0.00	37.55 1.54 -0.15	38.39 1.71 -0.21	39.18 1.69 -0.71	40.21 1.80 -0.88	41.84 1.74 -0.50	42.08 1.75 -0.57	42.50 1.78 -0.26	44.03 2.25 0.00	49.23 2.21 0.00	53.15 1.95 0.00	51.95 1.61 0.00	50.40 1.37 0.00	44.37 1.17 0.00	38.15 1.00 0.00	34.25 0.71 0.00
PLATSBURG_115KV_PMLD1 355749	34.37 1.45 0.00	31.85 1.40 0.00	29.27 1.26 0.00	27.96 1.20 0.00	27.75 1.22 0.00	30.85 1.41 0.00	37.37 1.81 0.00	39.65 1.89 0.00	40.42 1.78 0.00	37.51 1.65 0.00	38.14 1.68 0.00	38.46 1.69 0.00	39.14 1.61 0.00	41.22 1.62 0.00	41.47 1.71 0.00	42.20 1.74 0.00	42.82 1.04 0.00	48.34 1.32 0.00	52.64 1.43 0.00	51.80 1.46 0.00	50.54 1.52 0.00	44.62 1.43 0.00	38.40 1.26 0.00	34.75 1.21 0.00
PLEASANTVLY___LBMP 24000	33.68 0.76 0.00	30.93 0.49 0.00	28.49 0.48 0.00	27.18 0.43 0.00	27.03 0.50 0.00	29.99 0.56 0.00	36.44 0.89 0.00	38.94 1.17 0.00	39.92 1.28 0.00	37.11 1.08 -0.17	37.87 1.17 -0.24	38.69 1.10 -0.82	39.73 1.20 -1.00	41.36 1.19 -0.57	41.57 1.15 -0.65	41.97 1.21 -0.30	43.28 1.50 0.00	48.62 1.60 0.00	52.69 1.48 0.00	51.55 1.21 0.00	50.10 1.08 0.00	44.11 0.91 0.00	37.85 0.71 0.00	34.02 0.47 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.94 1.02 0.00	31.18 0.73 0.00	28.69 0.67 0.00	27.34 0.59 0.00	27.22 0.69 0.00	30.20 0.77 0.00	36.76 1.21 0.00	39.31 1.55 0.00	40.35 1.70 0.00	37.49 1.47 -0.16	38.29 1.60 -0.22	39.09 1.58 -0.74	40.13 1.69 -0.91	41.78 1.66 -0.52	41.98 1.63 -0.59	42.47 1.74 -0.27	43.83 2.05 0.00	49.14 2.12 0.00	53.20 2.00 0.00	52.10 1.76 0.00	50.54 1.52 0.00	44.49 1.30 0.00	38.18 1.04 0.00	34.28 0.74 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.94 1.02 0.00	31.18 0.73 0.00	28.69 0.67 0.00	27.34 0.59 0.00	27.22 0.69 0.00	30.20 0.77 0.00	36.76 1.21 0.00	39.31 1.55 0.00	40.35 1.70 0.00	37.49 1.47 -0.16	38.29 1.60 -0.22	39.09 1.58 -0.74	40.13 1.69 -0.91	41.78 1.66 -0.52	41.98 1.63 -0.59	42.47 1.74 -0.27	43.83 2.05 0.00	49.14 2.12 0.00	53.20 2.00 0.00	52.10 1.76 0.00	50.54 1.52 0.00	44.49 1.30 0.00	38.18 1.04 0.00	34.28 0.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.84 0.92 0.00	31.12 0.67 0.00	28.66 0.64 0.00	27.32 0.56 0.00	27.17 0.64 0.00	30.14 0.71 0.00	36.62 1.07 0.00	39.13 1.36 0.00	40.07 1.43 0.00	37.08 1.22 0.00	37.66 1.20 0.00	37.95 1.18 0.00	38.84 1.31 0.00	40.94 1.35 0.00	41.07 1.31 0.00	41.88 1.42 0.00	43.49 1.71 0.00	48.90 1.88 0.00	53.04 1.84 0.00	52.00 1.66 0.00	50.50 1.47 0.00	44.41 1.21 0.00	38.07 0.93 0.00	34.22 0.67 0.00
POLETTI_____ 23519	33.97 1.05 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.34 0.59 0.00	27.25 0.72 0.00	30.26 0.82 0.00	36.89 1.35 0.02	39.49 1.74 0.02	40.56 1.93 0.02	37.65 1.65 -0.14	38.48 1.82 -0.20	39.27 1.80 -0.70	40.30 1.91 -0.86	41.94 1.86 -0.49	42.19 1.87 -0.56	42.65 1.94 -0.25	44.14 2.38 0.02	49.36 2.35 0.02	53.34 2.15 0.02	52.19 1.86 0.02	50.53 1.52 0.02	44.52 1.34 0.02	38.24 1.11 0.02	34.38 0.84 0.00
POMONA___ESR 323819	33.84 0.92 0.00	31.09 0.64 0.00	28.63 0.62 0.00	27.26 0.51 0.00	27.11 0.58 0.00	30.14 0.71 0.00	36.66 1.10 0.00	39.20 1.43 0.00	40.19 1.55 0.00	37.28 1.29 -0.13	38.04 1.39 -0.19	38.76 1.36 -0.63	39.76 1.46 -0.77	41.54 1.50 -0.44	41.78 1.51 -0.50	42.23 1.54 -0.23	43.66 1.88 0.00	48.95 1.93 0.00	52.94 1.74 0.00	51.85 1.51 0.00	50.45 1.42 0.00	44.32 1.12 0.00	38.07 0.93 0.00	34.22 0.67 0.00
PORT_JEFF_3 23555	34.17 1.25 0.00	31.18 0.73 0.00	28.71 0.70 0.00	27.21 0.45 0.00	27.11 0.58 0.00	30.17 0.74 0.00	36.73 1.17 0.00	39.35 1.59 0.00	40.31 1.66 0.00	37.45 1.44 -0.15	38.86 2.19 -0.21	39.40 1.91 -0.72	40.17 1.76 -0.88	41.25 1.15 -0.50	41.49 1.15 -0.57	41.77 1.05 -0.26	43.07 1.30 0.01	48.57 1.55 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.80 0.78 0.01	43.76 0.56 0.00	38.41 1.26 0.00	34.39 0.84 0.00
PORT_JEFF_4 23616	34.17 1.25 0.00	31.18 0.73 0.00	28.71 0.70 0.00	27.21 0.45 0.00	27.11 0.58 0.00	30.17 0.74 0.00	36.73 1.17 0.00	39.35 1.59 0.00	40.31 1.66 0.00	37.45 1.44 -0.15	38.86 2.19 -0.21	39.40 1.91 -0.72	40.17 1.76 -0.88	41.25 1.15 -0.50	41.49 1.15 -0.57	41.77 1.05 -0.26	43.07 1.30 0.01	48.57 1.55 0.01	52.37 1.18 0.01	51.19 0.85 0.01	49.80 0.78 0.01	43.76 0.56 0.00	38.41 1.26 0.00	34.39 0.84 0.00

PORT_JEFF_IC 23713	34.20 1.28 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.21 0.45 0.00	27.11 0.58 0.00	30.20 0.77 0.00	36.76 1.21 0.00	39.39 1.62 0.00	40.31 1.66 0.00	37.52 1.51 -0.15	38.90 2.22 -0.21	39.43 1.95 -0.72	40.32 1.91 -0.88	41.32 1.23 -0.50	41.57 1.23 -0.57	42.02 1.29 -0.26	43.15 1.38 0.01	48.66 1.65 0.01	52.63 1.43 0.01	51.39 1.06 0.01	49.95 0.93 0.01	43.93 0.73 0.00	38.59 1.45 0.00	34.42 0.87 0.00
PPL PILGRIM_ST_GT1 24216	34.44 1.52 0.00	31.42 0.97 0.00	28.94 0.92 0.00	27.42 0.67 0.00	27.30 0.77 0.00	30.40 0.97 0.00	37.01 1.46 0.00	39.73 1.96 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	39.16 2.48 -0.21	39.69 2.21 -0.72	40.47 2.06 -0.88	41.52 1.42 -0.50	41.81 1.47 -0.57	42.06 1.33 -0.26	43.32 1.55 0.01	48.80 1.79 0.01	52.68 1.49 0.01	51.44 1.11 0.01	50.05 1.03 0.01	44.02 0.82 0.00	38.70 1.56 0.00	34.65 1.11 0.00
PPL PILGRIM_ST_GT2 24217	34.44 1.52 0.00	31.42 0.97 0.00	28.94 0.92 0.00	27.42 0.67 0.00	27.30 0.77 0.00	30.40 0.97 0.00	37.01 1.46 0.00	39.73 1.96 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	39.16 2.48 -0.21	39.69 2.21 -0.72	40.47 2.06 -0.88	41.52 1.42 -0.50	41.81 1.47 -0.57	42.06 1.33 -0.26	43.32 1.55 0.01	48.80 1.79 0.01	52.68 1.49 0.01	51.44 1.11 0.01	50.05 1.03 0.01	44.02 0.82 0.00	38.70 1.56 0.00	34.65 1.11 0.00
PPL_SHRM_GT3 24213	33.71 0.79 0.00	30.72 0.27 0.00	28.32 0.31 0.00	26.81 0.05 0.00	26.74 0.21 0.00	29.76 0.32 0.00	36.16 0.60 0.00	38.82 1.06 0.00	39.73 1.08 0.00	36.87 0.86 -0.15	38.35 1.68 -0.21	38.85 1.36 -0.72	39.64 1.24 -0.88	40.65 0.55 -0.50	40.93 0.60 -0.57	41.21 0.49 -0.26	42.52 0.75 0.01	48.05 1.03 0.01	51.76 0.56 0.01	50.59 0.25 0.01	49.21 0.20 0.01	43.33 0.13 0.00	37.88 0.74 0.00	33.88 0.34 0.00
PPL_SHRM_GT4 24214	33.71 0.79 0.00	30.72 0.27 0.00	28.32 0.31 0.00	26.81 0.05 0.00	26.74 0.21 0.00	29.76 0.32 0.00	36.16 0.60 0.00	38.82 1.06 0.00	39.73 1.08 0.00	36.87 0.86 -0.15	38.35 1.68 -0.21	38.85 1.36 -0.72	39.64 1.24 -0.88	40.65 0.55 -0.50	40.93 0.60 -0.57	41.21 0.49 -0.26	42.52 0.75 0.01	48.05 1.03 0.01	51.76 0.56 0.01	50.59 0.25 0.01	49.21 0.20 0.01	43.33 0.13 0.00	37.88 0.74 0.00	33.88 0.34 0.00
PROJECT___ORANGE 1 24174	32.59 -0.33 0.00	30.20 -0.24 0.00	27.73 -0.28 0.00	26.54 -0.21 0.00	26.26 -0.27 0.00	29.08 -0.35 0.00	35.09 -0.46 0.00	37.83 -0.53 -0.60	38.88 -0.46 -0.70	36.15 -0.32 -0.61	36.92 -0.29 -0.75	37.13 -0.26 -0.62	37.97 -0.23 -0.67	40.12 -0.16 -0.68	40.13 -0.20 -0.57	40.85 -0.32 -0.71	41.40 -0.38 0.00	46.60 -0.42 0.00	50.79 -0.41 0.00	49.99 -0.35 0.00	48.68 -0.34 0.00	43.12 -0.35 -0.27	37.22 -0.26 -0.34	33.34 -0.20 0.00
PROJECT___ORANGE 2 24166	32.59 -0.33 0.00	30.20 -0.24 0.00	27.73 -0.28 0.00	26.54 -0.21 0.00	26.26 -0.27 0.00	29.08 -0.35 0.00	35.09 -0.46 0.00	37.83 -0.53 -0.60	38.88 -0.46 -0.70	36.15 -0.32 -0.61	36.92 -0.29 -0.75	37.13 -0.26 -0.62	37.97 -0.23 -0.67	40.12 -0.16 -0.68	40.13 -0.20 -0.57	40.85 -0.32 -0.71	41.40 -0.38 0.00	46.60 -0.42 0.00	50.79 -0.41 0.00	49.99 -0.35 0.00	48.68 -0.34 0.00	43.12 -0.35 -0.27	37.22 -0.26 -0.34	33.34 -0.20 0.00
PUCKETT___SOLAR 323809	33.58 0.66 0.00	31.21 0.76 0.00	28.66 0.64 0.00	27.40 0.64 0.00	27.09 0.56 0.00	29.99 0.56 0.00	36.27 0.71 0.00	39.11 0.79 -0.55	40.44 0.81 -0.99	37.17 0.86 -0.45	37.79 0.77 -0.56	38.04 0.81 -0.46	38.96 0.94 -0.50	41.17 1.07 -0.51	41.22 1.03 -0.42	42.00 1.01 -0.53	42.78 1.00 0.00	48.21 1.18 -0.01	54.00 1.38 -1.42	53.25 1.61 -1.30	51.81 1.57 -1.22	44.74 1.34 -0.20	38.51 1.11 -0.25	34.69 1.14 0.00
PYRITES___HYD 24023	34.70 1.78 0.00	32.12 1.67 0.00	29.58 1.57 0.00	28.25 1.50 0.00	28.04 1.51 0.00	31.17 1.74 0.00	37.76 2.20 0.00	40.13 2.19 -0.17	40.71 1.85 -0.21	37.65 1.61 -0.18	38.25 1.57 -0.22	38.42 1.47 -0.18	39.08 1.35 -0.20	41.18 1.39 -0.20	41.40 1.47 -0.17	42.21 1.54 -0.21	42.95 1.17 0.00	48.29 1.27 0.00	52.89 1.69 0.00	52.35 2.01 0.00	51.28 2.26 0.00	45.57 2.29 -0.08	39.40 2.15 -0.10	35.53 1.98 0.00
QUAKERRD_115KV_BK1 80622	32.13 -0.79 0.00	29.99 -0.46 0.00	27.48 -0.53 0.00	26.38 -0.37 0.00	25.92 -0.61 0.00	28.61 -0.82 0.00	34.17 -1.39 0.00	36.26 -1.44 0.07	36.91 -1.43 0.30	35.00 -0.86 0.00	35.62 -0.84 0.00	36.07 -0.70 0.00	36.93 -0.60 0.00	39.16 -0.44 0.00	39.40 -0.36 0.00	39.89 -0.57 0.00	41.15 -0.63 0.00	46.17 -0.85 0.01	49.36 -0.92 0.92	48.70 -0.81 0.84	47.50 -0.74 0.79	42.64 -0.56 0.00	36.81 -0.33 0.00	33.45 -0.10 0.00
QUENSBRY_115KV_TB8 356137	33.97 1.05 0.00	31.39 0.94 0.00	28.88 0.87 0.00	27.53 0.78 0.00	27.35 0.82 0.00	30.44 1.00 0.00	36.59 1.03 0.00	39.09 1.32 0.00	39.92 1.28 0.00	36.71 0.97 0.11	36.81 0.51 0.16	36.63 0.40 0.54	37.32 0.45 0.66	39.49 0.28 0.38	39.57 0.24 0.43	40.59 0.32 0.20	42.28 0.50 0.00	47.96 0.94 0.00	52.99 1.79 0.00	52.30 1.96 0.00	50.99 1.96 0.00	44.75 1.56 0.00	38.40 1.26 0.00	34.55 1.01 0.00
RAMAPO___LBMP 323565	33.68 0.76 0.00	31.00 0.55 0.00	28.52 0.50 0.00	27.16 0.40 0.00	27.01 0.48 0.00	30.02 0.59 0.00	36.52 0.96 0.00	39.01 1.25 0.00	40.00 1.35 0.00	37.17 1.18 -0.13	37.88 1.24 -0.18	38.59 1.21 -0.61	39.55 1.28 -0.75	41.33 1.31 -0.43	41.52 1.27 -0.49	42.02 1.34 -0.22	43.41 1.63 0.00	48.72 1.69 0.00	52.69 1.48 0.00	51.65 1.31 0.00	50.15 1.13 0.00	44.15 0.95 0.00	37.88 0.74 0.00	34.08 0.54 0.00
RANKINE___ 23646	32.85 -0.07 0.00	31.06 0.61 0.00	28.38 0.36 0.00	27.32 0.56 0.00	26.72 0.19 0.00	29.23 -0.21 0.00	34.49 -1.07 0.00	37.74 -1.32 -1.29	42.67 -1.35 -5.38	35.54 -0.32 0.00	36.21 -0.26 0.00	36.77 0.00 0.00	37.75 0.23 0.00	40.23 0.63 0.00	40.60 0.84 0.00	41.03 0.57 0.00	42.20 0.38 -0.04	47.27 0.14 -0.11	67.30 -0.05 -16.15	65.25 0.15 -14.76	62.98 0.10 -13.86	43.67 0.48 0.00	37.96 0.82 0.00	35.09 1.54 0.00
RAVENSWOOD_GT2_1 24244	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD_GT2_2 24245	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00

RAVENSWOOD_GT2_3 24246	34.07 1.15 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.42 0.67 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.57 1.90 -0.21	39.36 1.88 -0.71	40.39 1.99 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.52 2.49 0.00	53.51 2.30 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.37 1.23 0.00	34.45 0.91 0.00
RAVENSWOOD_GT2_4 24247	34.07 1.15 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.42 0.67 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.57 1.90 -0.21	39.36 1.88 -0.71	40.39 1.99 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.52 2.49 0.00	53.51 2.30 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.37 1.23 0.00	34.45 0.91 0.00
RAVENSWOOD_GT3_1 24248	34.07 1.15 0.00	31.27 0.82 0.00	28.80 0.78 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD_GT3_2 24249	34.07 1.15 0.00	31.27 0.82 0.00	28.80 0.78 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD_GT3_3 24250	34.11 1.19 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.42 0.67 0.00	27.33 0.80 0.00	30.38 0.94 0.00	37.01 1.46 0.00	39.62 1.85 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	38.61 1.93 -0.21	39.40 1.91 -0.71	40.43 2.03 -0.88	42.08 1.98 -0.50	42.32 1.99 -0.57	42.83 2.10 -0.26	44.29 2.51 0.00	49.56 2.54 0.00	53.56 2.36 0.00	52.40 2.06 0.00	50.74 1.72 0.00	44.67 1.47 0.00	38.40 1.26 0.00	34.49 0.94 0.00
RAVENSWOOD_GT3_4 24251	34.11 1.19 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.42 0.67 0.00	27.33 0.80 0.00	30.38 0.94 0.00	37.01 1.46 0.00	39.62 1.85 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	38.61 1.93 -0.21	39.40 1.91 -0.71	40.43 2.03 -0.88	42.08 1.98 -0.50	42.32 1.99 -0.57	42.83 2.10 -0.26	44.29 2.51 0.00	49.56 2.54 0.00	53.56 2.36 0.00	52.40 2.06 0.00	50.74 1.72 0.00	44.67 1.47 0.00	38.40 1.26 0.00	34.49 0.94 0.00
RAVENSWOOD_GT_1 23729	34.24 1.32 0.00	31.45 1.00 0.00	28.94 0.92 0.00	27.50 0.75 0.00	27.38 0.85 0.00	30.35 0.91 0.00	37.01 1.46 0.00	39.62 1.85 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	38.64 1.97 -0.21	39.47 1.99 -0.71	40.51 2.10 -0.88	42.20 2.10 -0.50	42.48 2.15 -0.57	42.95 2.23 -0.26	44.41 2.63 0.00	49.70 2.68 0.00	53.61 2.41 0.00	52.35 2.01 0.00	50.54 1.52 0.00	44.62 1.43 0.00	38.37 1.23 0.00	34.62 1.07 0.00
RAVENSWOOD_GT_10 24258	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD_GT_11 24259	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD_GT_4 24252	34.07 1.15 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD_GT_5 24254	34.07 1.15 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD_GT_6 24253	34.07 1.15 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD_GT_7 24255	34.07 1.15 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD_GT_9 24257	34.07 1.15 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.98 1.42 0.00	39.58 1.81 0.00	40.62 1.97 0.00	37.73 1.72 -0.15	38.54 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.74 2.02 -0.26	44.20 2.42 0.00	49.47 2.45 0.00	53.45 2.25 0.00	52.30 1.96 0.00	50.64 1.62 0.00	44.62 1.43 0.00	38.33 1.19 0.00	34.45 0.91 0.00

RAVENSWOOD___1 23533	34.25 1.32 -0.01	31.46 1.00 -0.01	28.94 0.92 -0.01	27.50 0.75 0.00	27.38 0.85 0.00	30.35 0.91 0.00	36.94 1.39 0.00	39.62 1.85 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.64 1.97 -0.21	39.47 1.98 -0.71	40.51 2.10 -0.88	42.19 2.10 -0.50	42.48 2.15 -0.57	42.91 2.18 -0.26	44.42 2.63 -0.01	49.70 2.68 0.00	53.56 2.36 0.00	52.30 1.96 0.00	50.55 1.52 0.00	44.58 1.38 0.00	38.33 1.19 0.00	34.62 1.07 0.00
RAVENSWOOD___2 23534	34.25 1.32 -0.01	31.46 1.00 -0.01	28.94 0.92 -0.01	27.50 0.75 0.00	27.38 0.85 0.00	30.35 0.91 0.00	36.94 1.39 0.00	39.62 1.85 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.64 1.97 -0.21	39.47 1.98 -0.71	40.51 2.10 -0.88	42.19 2.10 -0.50	42.48 2.15 -0.57	42.91 2.18 -0.26	44.42 2.63 -0.01	49.70 2.68 0.00	53.56 2.36 0.00	52.30 1.96 0.00	50.55 1.52 0.00	44.58 1.38 0.00	38.33 1.19 0.00	34.62 1.07 0.00
RAVENSWOOD___3 23535	34.07 1.15 0.00	31.27 0.82 0.00	28.80 0.78 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.32 0.88 0.00	36.94 1.39 0.00	39.58 1.81 0.00	40.61 1.97 0.00	37.70 1.69 -0.15	38.53 1.86 -0.21	39.32 1.84 -0.71	40.36 1.95 -0.88	42.04 1.94 -0.50	42.28 1.95 -0.57	42.70 1.98 -0.26	44.20 2.42 0.00	49.47 2.44 0.00	53.40 2.20 0.00	52.20 1.86 0.00	50.64 1.62 0.00	44.58 1.38 0.00	38.33 1.19 0.00	34.45 0.91 0.00
RAVENSWOOD___4 23820	34.25 1.32 -0.01	31.46 1.00 -0.01	28.94 0.92 -0.01	27.50 0.75 0.00	27.38 0.85 0.00	30.35 0.91 0.00	36.94 1.39 0.00	39.62 1.85 0.00	40.69 2.05 0.00	37.73 1.72 -0.15	38.64 1.97 -0.21	39.47 1.98 -0.71	40.51 2.10 -0.88	42.19 2.10 -0.50	42.48 2.15 -0.57	42.91 2.18 -0.26	44.42 2.63 -0.01	49.70 2.68 0.00	53.56 2.36 0.00	52.30 1.96 0.00	50.55 1.52 0.00	44.58 1.38 0.00	38.33 1.19 0.00	34.62 1.07 0.00
RCPL_TRUST___DRP 24196	34.07 1.15 0.00	31.27 0.82 0.00	28.80 0.78 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.35 0.91 0.00	37.01 1.46 0.00	39.62 1.85 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	38.57 1.90 -0.21	39.36 1.88 -0.71	40.39 1.99 -0.88	42.08 1.98 -0.50	42.32 1.99 -0.57	42.79 2.06 -0.26	44.24 2.46 0.00	49.52 2.49 0.00	53.51 2.30 0.00	52.35 2.01 0.00	50.69 1.67 0.00	44.67 1.47 0.00	38.37 1.23 0.00	34.45 0.91 0.00
RED___ROCHESTER 323720	33.15 0.23 0.00	31.09 0.64 0.00	28.40 0.39 0.00	27.24 0.48 0.00	26.74 0.21 0.00	29.46 0.03 0.00	35.13 -0.43 0.00	37.24 -0.45 0.08	37.90 -0.42 0.32	36.22 0.36 0.00	36.75 0.29 0.00	37.25 0.48 0.00	38.28 0.75 0.00	40.54 0.95 0.00	40.84 1.07 0.00	41.39 0.93 0.00	42.61 0.84 0.00	47.82 0.80 0.01	51.08 0.87 0.99	50.60 1.16 0.90	49.16 0.98 0.85	44.19 0.99 0.00	38.07 0.93 0.00	34.69 1.14 0.00
REGAN___SOLAR 323812	34.76 1.84 0.00	32.12 1.67 0.00	29.58 1.57 0.00	28.20 1.44 0.00	28.01 1.48 0.00	31.17 1.74 0.00	37.55 1.99 0.00	39.88 2.11 0.00	40.54 1.89 0.00	37.07 1.29 0.08	37.30 0.95 0.11	37.07 0.66 0.36	37.69 0.60 0.44	39.82 0.48 0.25	39.95 0.48 0.29	40.97 0.65 0.13	42.66 0.88 0.00	48.57 1.55 0.00	54.02 2.81 0.00	53.66 3.32 0.00	52.26 3.23 0.00	45.88 2.68 0.00	39.37 2.23 0.00	35.42 1.88 0.00
RENSSELAER___COGEN 23796	32.85 -0.07 0.00	30.36 -0.09 0.00	28.01 0.00 0.00	26.76 0.00 0.00	26.56 0.03 0.00	29.43 0.00 0.00	35.52 -0.04 0.00	37.88 0.11 0.00	38.84 0.19 0.00	35.75 0.00 0.11	36.31 0.00 0.15	36.23 -0.04 0.50	36.73 -0.19 0.61	39.04 -0.20 0.35	39.20 -0.16 0.40	40.04 -0.24 0.18	41.70 -0.08 0.00	46.93 -0.09 0.00	51.05 -0.15 0.00	50.04 -0.30 0.00	48.78 -0.24 0.00	43.07 -0.13 0.00	36.99 -0.15 0.00	33.31 -0.23 0.00
REPUBLIC_115KV_BARTNBK 55605	35.26 2.34 0.00	32.61 2.16 0.00	30.00 1.99 0.00	28.60 1.85 0.00	28.41 1.88 0.00	31.64 2.21 0.00	37.90 2.35 0.00	40.52 2.76 0.00	41.35 2.71 0.00	37.86 2.12 0.12	37.86 1.57 0.16	37.62 1.40 0.55	38.32 1.46 0.67	40.59 1.39 0.39	40.68 1.35 0.44	41.80 1.54 0.20	43.49 1.71 0.00	49.61 2.59 0.00	54.99 3.79 0.00	54.57 4.23 0.00	53.14 4.12 0.00	46.61 3.41 0.00	39.96 2.82 0.00	35.96 2.42 0.00
REVERE_CPPR_DRP 24186	34.04 1.12 0.00	31.48 1.04 0.00	28.99 0.98 0.00	27.69 0.94 0.00	27.43 0.90 0.00	30.44 1.00 0.00	36.84 1.28 0.00	39.50 1.44 -0.30	40.39 1.39 -0.35	37.35 1.18 -0.31	38.01 1.17 -0.38	38.22 1.14 -0.31	39.07 1.20 -0.34	41.32 1.39 -0.34	41.36 1.31 -0.29	42.03 1.21 -0.36	42.99 1.21 0.00	48.48 1.46 0.00	53.15 1.95 0.00	52.46 2.11 0.00	51.18 2.16 0.00	45.15 1.81 -0.13	38.80 1.49 -0.17	34.89 1.34 0.00
REYNLDPA_13_KV_LD 356490	33.64 0.72 0.00	31.15 0.70 0.00	28.66 0.64 0.00	27.37 0.62 0.00	27.17 0.64 0.00	30.17 0.74 0.00	36.52 0.96 0.00	38.67 0.91 0.00	39.42 0.77 0.00	36.61 0.75 0.00	37.23 0.77 0.00	37.54 0.77 0.00	38.20 0.68 0.00	40.23 0.63 0.00	40.44 0.68 0.00	41.19 0.73 0.00	42.32 0.54 0.00	47.68 0.66 0.00	51.92 0.72 0.00	51.10 0.76 0.00	49.86 0.83 0.00	44.06 0.86 0.00	37.96 0.82 0.00	34.35 0.81 0.00
REYNOLDS_115KV_TB3 80639	33.12 0.20 0.00	30.63 0.18 0.00	28.24 0.22 0.00	26.94 0.19 0.00	26.74 0.21 0.00	29.64 0.21 0.00	35.77 0.21 0.00	38.18 0.42 0.00	39.15 0.50 0.00	36.02 0.29 0.13	36.57 0.29 0.18	36.39 0.22 0.60	36.94 0.15 0.73	39.33 0.16 0.42	39.44 0.16 0.48	40.40 0.16 0.22	42.11 0.33 0.00	47.40 0.38 0.00	51.61 0.41 0.00	50.59 0.25 0.00	49.22 0.20 0.00	43.46 0.26 0.00	37.25 0.11 0.00	33.55 0.00 0.00
RIVERBAY____ 323610	34.76 1.84 0.00	31.94 1.49 0.00	29.39 1.37 0.00	27.91 1.15 0.00	27.78 1.25 0.00	30.70 1.27 0.00	37.44 1.88 0.00	40.07 2.30 0.00	41.12 2.47 0.00	38.13 2.12 -0.15	39.05 2.37 -0.21	39.84 2.35 -0.71	40.92 2.51 -0.88	42.59 2.49 -0.50	42.88 2.54 -0.57	43.35 2.63 -0.26	44.85 3.09 0.02	50.22 3.20 0.00	54.17 2.97 0.00	52.96 2.62 0.00	51.03 2.01 0.00	45.06 1.86 0.00	38.74 1.60 0.00	35.09 1.54 0.00
RIVERSDE_115KV_TB3 55908	33.02 0.10 0.00	30.54 0.09 0.00	28.15 0.14 0.00	26.86 0.11 0.00	26.66 0.13 0.00	29.58 0.15 0.00	35.66 0.11 0.00	38.07 0.30 0.00	39.03 0.39 0.00	35.92 0.18 0.12	36.48 0.18 0.17	36.33 0.11 0.55	36.89 0.04 0.68	39.24 0.04 0.39	39.36 0.04 0.44	40.30 0.04 0.20	41.95 0.17 0.00	47.26 0.24 0.00	51.41 0.20 0.00	50.44 0.10 0.00	49.07 0.05 0.00	43.28 0.09 0.00	37.14 0.00 0.00	33.48 -0.07 0.00
ROARING___BROOK_WT_PWR 323790	32.85 -0.07 0.00	30.42 -0.03 0.00	28.01 0.00 0.00	26.76 0.00 0.00	26.53 0.00 0.00	29.46 0.03 0.00	35.59 0.04 0.00	37.80 0.04 0.00	38.68 0.04 0.00	35.93 0.07 0.00	36.53 0.07 0.00	36.84 0.07 0.00	37.57 0.04 0.00	39.63 0.04 0.00	39.80 0.04 0.00	40.50 0.04 0.00	41.78 0.00 0.00	47.02 0.00 0.00	51.15 -0.05 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.11 -0.09 0.00	37.10 -0.04 0.00	33.55 0.00 0.00

ROCHESRG_115KV_T4 355643	32.82 -0.10 0.00	30.72 0.27 0.00	28.15 0.14 0.00	27.00 0.24 0.00	26.53 0.00 0.00	29.20 -0.24 0.00	34.77 -0.78 0.00	36.85 -0.83 0.08	37.49 -0.81 0.34	35.68 -0.18 0.00	36.32 -0.15 0.00	36.84 0.07 0.00	37.72 0.19 0.00	40.03 0.44 0.00	40.32 0.56 0.00	40.78 0.32 0.00	42.03 0.25 0.00	47.21 0.19 0.01	50.32 0.15 1.04	49.69 0.30 0.95	48.48 0.34 0.89	43.63 0.43 0.00	37.70 0.56 0.00	34.35 0.81 0.00
ROCHESTER_9_IC 23652	32.95 0.03 0.00	30.84 0.40 0.00	28.27 0.25 0.00	27.10 0.35 0.00	26.64 0.11 0.00	29.32 -0.12 0.00	34.92 -0.64 0.00	37.05 -0.64 0.08	37.70 -0.62 0.32	35.86 0.00 0.00	36.50 0.04 0.00	37.03 0.26 0.00	37.94 0.41 0.00	40.27 0.67 0.00	40.56 0.80 0.00	40.99 0.53 0.00	42.28 0.50 0.00	47.44 0.42 0.01	50.62 0.41 0.99	49.99 0.55 0.90	48.77 0.59 0.85	43.89 0.69 0.00	37.88 0.74 0.00	34.52 0.97 0.00
ROCKVIEW_13_KV_LD 356306	34.07 1.15 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.42 0.67 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.94 1.39 0.00	39.54 1.77 0.00	40.54 1.89 0.00	37.70 1.69 -0.15	38.50 1.82 -0.21	39.29 1.80 -0.71	40.32 1.91 -0.88	42.00 1.90 -0.50	42.20 1.87 -0.57	42.66 1.94 -0.26	44.08 2.30 0.00	49.42 2.40 0.00	53.51 2.30 0.00	52.35 2.01 0.00	50.79 1.76 0.00	44.71 1.51 0.00	38.37 1.23 0.00	34.45 0.91 0.00
ROME____115KV_TB2 80656	34.04 1.12 0.00	31.48 1.04 0.00	28.99 0.98 0.00	27.69 0.94 0.00	27.43 0.90 0.00	30.44 1.00 0.00	36.84 1.28 0.00	39.50 1.44 -0.30	40.39 1.39 -0.35	37.35 1.18 -0.31	38.01 1.17 -0.38	38.22 1.14 -0.31	39.07 1.20 -0.34	41.32 1.39 -0.34	41.36 1.31 -0.29	42.03 1.21 -0.36	42.99 1.21 0.00	48.48 1.46 0.00	53.15 1.95 0.00	52.46 2.11 0.00	51.18 2.16 0.00	45.15 1.81 -0.13	38.80 1.49 -0.17	34.89 1.34 0.00
ROSETON___1 23587	33.48 0.56 0.00	30.81 0.37 0.00	28.38 0.36 0.00	27.05 0.29 0.00	26.87 0.34 0.00	29.85 0.41 0.00	36.23 0.67 0.00	38.67 0.90 0.00	39.65 1.00 0.00	36.75 0.79 -0.10	37.44 0.84 -0.14	38.04 0.81 -0.46	38.99 0.90 -0.56	40.83 0.91 -0.32	41.05 0.91 -0.37	41.56 0.92 -0.17	42.99 1.21 0.00	48.29 1.27 0.00	52.28 1.08 0.00	51.25 0.91 0.00	49.86 0.83 0.00	43.89 0.69 0.00	37.66 0.52 0.00	33.92 0.37 0.00
ROSETON___2 23588	33.48 0.56 0.00	30.81 0.37 0.00	28.38 0.36 0.00	27.05 0.29 0.00	26.87 0.34 0.00	29.85 0.41 0.00	36.23 0.67 0.00	38.67 0.90 0.00	39.65 1.00 0.00	36.75 0.79 -0.10	37.44 0.84 -0.14	38.04 0.81 -0.46	38.99 0.90 -0.56	40.83 0.91 -0.32	41.05 0.92 -0.37	41.56 0.93 -0.17	42.99 1.21 0.00	48.29 1.27 0.00	52.28 1.08 0.00	51.25 0.91 0.00	49.86 0.83 0.00	43.89 0.69 0.00	37.66 0.52 0.00	33.92 0.37 0.00
ROTTTRDAM_115KV_TB3 80664	33.45 0.53 0.00	30.90 0.46 0.00	28.43 0.42 0.00	27.16 0.40 0.00	26.95 0.42 0.00	29.91 0.47 0.00	36.09 0.53 0.00	38.45 0.68 0.00	39.34 0.70 0.00	36.31 0.54 0.09	36.81 0.47 0.12	36.80 0.44 0.41	37.47 0.45 0.51	39.70 0.40 0.29	39.83 0.40 0.33	40.75 0.45 0.15	42.36 0.58 0.00	47.73 0.71 0.00	52.12 0.92 0.00	51.25 0.91 0.00	49.91 0.88 0.00	43.93 0.73 0.00	37.70 0.56 0.00	33.98 0.44 0.00
RUSSELL___1 23602	33.15 0.23 0.00	31.03 0.58 0.00	28.41 0.39 0.00	27.24 0.48 0.00	26.74 0.21 0.00	29.46 0.03 0.00	35.09 -0.46 0.00	37.23 -0.45 0.08	37.94 -0.39 0.32	36.08 0.22 0.00	36.75 0.29 0.00	37.25 0.48 0.00	38.20 0.68 0.00	40.54 0.95 0.00	40.84 1.07 0.00	41.31 0.85 0.00	42.57 0.79 0.00	47.82 0.80 0.01	51.03 0.82 0.99	50.39 0.96 0.90	49.16 0.98 0.85	44.19 0.99 0.00	38.11 0.97 0.00	34.69 1.14 0.00
RUSSELL___2 23532	33.15 0.23 0.00	31.03 0.58 0.00	28.41 0.39 0.00	27.24 0.48 0.00	26.74 0.21 0.00	29.46 0.03 0.00	35.09 -0.46 0.00	37.23 -0.45 0.08	37.94 -0.39 0.32	36.08 0.22 0.00	36.75 0.29 0.00	37.25 0.48 0.00	38.20 0.68 0.00	40.54 0.95 0.00	40.84 1.07 0.00	41.31 0.85 0.00	42.57 0.79 0.00	47.82 0.80 0.01	51.03 0.82 0.99	50.39 0.96 0.90	49.16 0.98 0.85	44.19 0.99 0.00	38.11 0.97 0.00	34.69 1.14 0.00
RUSSELL___3 23549	33.15 0.23 0.00	31.03 0.58 0.00	28.41 0.39 0.00	27.24 0.48 0.00	26.74 0.21 0.00	29.46 0.03 0.00	35.09 -0.46 0.00	37.23 -0.45 0.08	37.94 -0.39 0.32	36.08 0.22 0.00	36.75 0.29 0.00	37.25 0.48 0.00	38.20 0.68 0.00	40.54 0.95 0.00	40.84 1.07 0.00	41.31 0.85 0.00	42.57 0.79 0.00	47.82 0.80 0.01	51.03 0.82 0.99	50.39 0.96 0.90	49.16 0.98 0.85	44.19 0.99 0.00	38.11 0.97 0.00	34.69 1.14 0.00
RUSSELL___4 23556	33.15 0.23 0.00	31.03 0.58 0.00	28.41 0.39 0.00	27.24 0.48 0.00	26.74 0.21 0.00	29.46 0.03 0.00	35.09 -0.46 0.00	37.23 -0.45 0.08	37.94 -0.39 0.32	36.08 0.22 0.00	36.75 0.29 0.00	37.25 0.48 0.00	38.20 0.68 0.00	40.54 0.95 0.00	40.84 1.07 0.00	41.31 0.85 0.00	42.57 0.79 0.00	47.82 0.80 0.01	51.03 0.82 0.99	50.39 0.96 0.90	49.16 0.98 0.85	44.19 0.99 0.00	38.11 0.97 0.00	34.69 1.14 0.00
RUSSELL___STATION 23914	33.15 0.23 0.00	31.03 0.58 0.00	28.41 0.39 0.00	27.24 0.48 0.00	26.74 0.21 0.00	29.46 0.03 0.00	35.09 -0.46 0.00	37.23 -0.45 0.08	37.94 -0.39 0.32	36.08 0.22 0.00	36.75 0.29 0.00	37.25 0.48 0.00	38.20 0.68 0.00	40.54 0.95 0.00	40.84 1.07 0.00	41.31 0.85 0.00	42.57 0.79 0.00	47.82 0.80 0.01	51.03 0.82 0.99	50.39 0.96 0.90	49.16 0.98 0.85	44.19 0.99 0.00	38.11 0.97 0.00	34.69 1.14 0.00
S SALMON___HYD 24043	33.05 0.13 0.00	30.60 0.15 0.00	28.15 0.14 0.00	26.92 0.16 0.00	26.64 0.11 0.00	29.52 0.09 0.00	35.70 0.14 0.00	39.12 0.08 -1.28	40.15 0.00 -1.50	37.21 0.04 -1.31	38.04 -0.04 -1.61	38.03 -0.07 -1.33	38.92 -0.04 -1.43	41.10 0.04 -1.46	40.98 0.00 -1.22	41.91 -0.08 -1.53	41.49 -0.29 0.00	46.79 -0.23 0.00	51.25 0.05 0.00	50.64 0.30 0.00	49.37 0.35 0.00	44.08 0.30 -0.57	38.17 0.30 -0.73	33.85 0.30 0.00
S.PERRY__115KV_TB1 80734	34.01 1.09 0.00	31.85 1.40 0.00	29.16 1.15 0.00	27.99 1.23 0.00	27.51 0.98 0.00	30.35 0.91 0.00	36.12 0.57 0.00	38.70 0.49 -0.44	40.24 0.27 -1.32	36.76 0.72 -0.18	37.38 0.69 -0.22	37.72 0.77 -0.18	38.66 0.94 -0.20	41.02 1.23 -0.20	41.24 1.31 -0.17	41.97 1.29 -0.21	43.12 1.34 -0.01	48.64 1.60 -0.02	56.47 1.89 -3.38	55.84 2.42 -3.09	54.57 2.65 -2.90	45.70 2.42 -0.08	39.40 2.15 -0.10	35.83 2.28 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.72 -0.20 0.00	30.93 0.49 0.00	28.27 0.25 0.00	27.24 0.48 0.00	26.61 0.08 0.00	29.08 -0.35 0.00	34.31 -1.24 0.00	34.66 -1.51 1.59	30.44 -1.58 6.62	35.32 -0.54 0.00	36.02 -0.44 0.00	36.59 -0.18 0.00	37.57 0.04 0.00	40.03 0.44 0.00	40.36 0.60 0.00	40.78 0.32 0.00	41.85 0.13 0.05	46.75 0.13 0.13	30.83 -0.36 20.01	31.91 -0.15 18.28	31.71 -0.15 17.16	43.50 0.30 0.00	37.81 0.67 0.00	34.92 1.38 0.00

SAWYER___23_KV_LOAD 55526	32.72 -0.20 0.00	30.93 0.49 0.00	28.27 0.25 0.00	27.24 0.48 0.00	26.61 0.08 0.00	29.08 -0.35 0.00	34.31 -1.24 0.00	34.66 -1.51 1.59	30.44 -1.58 6.62	35.32 -0.54 0.00	36.02 -0.44 0.00	36.59 -0.18 0.00	37.57 0.04 0.00	40.03 0.44 0.00	40.36 0.60 0.00	40.78 0.32 0.00	41.85 0.13 0.05	46.75 -0.14 0.13	30.83 -0.36 20.01	31.91 -0.15 18.28	31.71 -0.15 17.16	43.50 0.30 0.00	37.81 0.67 0.00	34.92 1.38 0.00
SELKIRK___I 23801	33.22 0.30 0.00	30.69 0.24 0.00	28.32 0.31 0.00	27.02 0.27 0.00	26.82 0.29 0.00	29.76 0.32 0.00	35.84 0.28 0.00	38.22 0.45 0.00	39.11 0.47 0.00	36.06 0.25 0.06	36.60 0.22 0.08	36.68 0.18 0.28	37.30 0.11 0.34	39.48 0.08 0.19	39.66 0.12 0.22	40.44 0.08 0.10	41.99 0.21 0.00	47.36 0.33 0.00	51.61 0.41 0.00	50.70 0.35 0.00	49.41 0.39 0.00	43.54 0.34 0.00	37.40 0.26 0.00	33.71 0.17 0.00
SELKIRK___II 23799	33.02 0.10 0.00	30.51 0.06 0.00	28.15 0.14 0.00	26.86 0.11 0.00	26.66 0.13 0.00	29.58 0.15 0.00	35.70 0.14 0.00	38.07 0.30 0.00	38.99 0.35 0.00	35.97 0.18 0.07	36.54 0.18 0.10	36.58 0.15 0.33	37.19 0.08 0.41	39.44 0.08 0.24	39.57 0.08 0.27	40.42 0.08 0.12	41.99 0.21 0.00	47.26 0.24 0.00	51.41 0.21 0.00	50.44 0.10 0.00	49.12 0.10 0.00	43.33 0.13 0.00	37.22 0.07 0.00	33.51 -0.03 0.00
SENECA OSWGO___HYD 24041	32.39 -0.53 0.00	30.02 -0.43 0.00	27.56 -0.45 0.00	26.38 -0.37 0.00	26.10 -0.43 0.00	28.93 -0.50 0.00	34.92 -0.64 0.00	38.93 -0.76 -1.92	40.17 -0.74 -2.26	37.23 -0.61 -1.97	38.27 -0.62 -2.43	38.15 -0.63 -2.00	39.12 -0.56 -2.16	41.24 -0.55 -2.20	41.04 -0.56 -1.83	42.11 -0.65 -2.30	41.11 -0.67 0.00	46.27 -0.75 0.00	50.48 -0.72 0.00	49.79 -0.55 0.00	48.39 -0.64 0.00	43.46 -0.60 -0.86	37.72 -0.52 -1.10	33.11 -0.44 0.00
SENECA___115KV_TB3 355854	32.92 0.00 0.00	31.09 0.64 0.00	28.43 0.42 0.00	27.37 0.62 0.00	26.77 0.24 0.00	29.29 -0.15 0.00	34.56 -1.00 0.00	37.81 -1.25 -1.29	42.71 -1.31 -5.38	35.57 -0.29 0.00	36.28 -0.18 0.00	36.84 0.07 0.00	37.83 0.30 0.00	40.31 0.71 0.00	40.68 0.91 0.00	41.15 0.69 0.00	42.28 0.46 -0.04	47.32 0.19 -0.11	67.35 0.00 -16.15	65.30 0.20 -14.76	63.08 0.20 -13.86	43.76 0.56 0.00	38.03 0.89 0.00	35.16 1.61 0.00
SENECA___ENERGY 23797	32.85 -0.07 0.00	30.57 0.12 0.00	28.01 0.00 0.00	26.84 0.08 0.00	26.48 -0.05 0.00	29.35 -0.09 0.00	35.31 -0.25 0.00	38.30 -0.26 -0.79	39.35 -0.23 -0.94	36.75 0.07 -0.82	37.50 0.04 -1.00	37.71 0.11 -0.83	38.65 0.23 -0.89	40.86 0.36 -0.91	40.84 0.32 -0.76	41.66 0.24 -0.95	41.99 0.21 0.00	47.21 0.19 0.00	51.46 0.26 0.00	50.84 0.50 0.00	49.41 0.39 0.00	43.86 0.30 -0.36	37.93 0.33 -0.45	33.98 0.43 0.00
SHOEMAKER___GT 23640	33.51 0.59 0.00	30.84 0.39 0.00	28.40 0.39 0.00	27.08 0.32 0.00	26.90 0.37 0.00	29.88 0.44 0.00	36.23 0.67 0.00	38.67 0.90 0.00	39.61 0.97 0.00	36.73 0.75 -0.11	37.38 0.77 -0.16	38.03 0.74 -0.52	39.03 0.86 -0.64	40.83 0.87 -0.37	41.05 0.87 -0.42	41.58 0.93 -0.19	42.95 1.17 0.00	48.24 1.22 0.00	52.33 1.13 0.00	51.35 1.01 0.00	49.95 0.93 0.00	43.93 0.73 0.00	37.70 0.56 0.00	33.98 0.43 0.00
SHOEMAKR_138KV_BK 111 55601	33.51 0.59 0.00	30.84 0.40 0.00	28.38 0.36 0.00	27.05 0.29 0.00	26.90 0.37 0.00	29.88 0.44 0.00	36.27 0.71 0.00	38.67 0.91 0.00	39.61 0.97 0.00	36.79 0.82 -0.11	37.42 0.80 -0.15	38.06 0.77 -0.51	39.06 0.90 -0.63	40.87 0.91 -0.36	41.05 0.87 -0.41	41.62 0.97 -0.19	42.95 1.17 0.00	48.29 1.27 0.00	52.38 1.18 0.00	51.40 1.06 0.00	49.96 0.93 0.00	43.93 0.73 0.00	37.70 0.56 0.00	33.95 0.40 0.00
SHOREHAM_IC_1 23715	33.71 0.79 0.00	30.72 0.27 0.00	28.32 0.31 0.00	26.81 0.05 0.00	26.74 0.21 0.00	29.76 0.32 0.00	36.16 0.60 0.00	38.82 1.06 0.00	39.73 1.08 0.00	36.87 0.86 -0.15	38.35 1.68 -0.21	38.85 1.36 -0.72	39.64 1.24 -0.88	40.65 0.55 -0.50	40.93 0.60 -0.57	41.21 0.49 -0.26	42.52 0.75 0.01	48.05 1.03 0.01	51.76 0.56 0.01	50.59 0.25 0.01	49.21 0.20 0.01	43.33 0.13 0.00	37.88 0.74 0.00	33.88 0.34 0.00
SHOREHAM_IC_2 23716	33.71 0.79 0.00	30.75 0.30 0.00	28.32 0.31 0.00	26.81 0.05 0.00	26.74 0.21 0.00	29.76 0.32 0.00	36.20 0.64 0.00	38.82 1.06 0.00	39.69 1.04 0.00	36.91 0.90 -0.15	38.35 1.68 -0.21	38.85 1.36 -0.72	39.68 1.28 -0.88	40.65 0.55 -0.50	40.93 0.60 -0.57	41.37 0.65 -0.26	42.48 0.71 0.01	48.05 1.03 0.01	51.96 0.77 0.01	50.74 0.40 0.01	49.31 0.29 0.01	43.41 0.22 0.00	38.03 0.89 0.00	33.88 0.34 0.00
SISSONVILLE____ 23735	34.24 1.32 0.00	31.70 1.25 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.64 1.11 0.00	30.73 1.30 0.00	37.23 1.67 0.00	39.62 1.43 -0.19	40.30 1.29 -0.22	37.35 1.28 -0.20	37.98 1.25 -0.24	38.22 1.13 -0.20	38.87 1.15 -0.21	40.96 1.15 -0.22	41.14 1.19 -0.18	41.94 1.25 -0.23	42.57 0.79 0.00	47.73 0.71 0.00	52.12 0.92 0.00	51.45 1.11 0.00	50.30 1.27 0.00	44.84 1.56 -0.09	38.85 1.60 -0.11	35.02 1.48 0.00
SITHE_IND_GS1 24169	32.00 -0.92 0.00	29.66 -0.79 0.00	27.26 -0.76 0.00	26.06 -0.70 0.00	25.79 -0.74 0.00	28.58 -0.85 0.00	34.45 -1.10 0.00	30.88 -1.32 5.56	30.78 -1.31 6.55	29.00 -1.15 5.72	28.27 -1.17 7.02	29.84 -1.14 5.79	30.16 -1.12 6.24	32.07 -1.15 6.37	33.31 -1.15 5.30	32.59 -1.21 6.66	40.48 -1.30 0.00	45.57 -1.46 0.00	49.72 -1.49 0.00	48.98 -1.36 0.00	47.60 -1.42 0.00	39.45 -1.25 2.50	32.88 -1.08 3.18	32.61 -0.94 0.00
SITHE_IND_GS2 24170	32.00 -0.92 0.00	29.66 -0.79 0.00	27.26 -0.76 0.00	26.06 -0.70 0.00	25.79 -0.74 0.00	28.58 -0.85 0.00	34.45 -1.10 0.00	30.88 -1.32 5.56	30.78 -1.31 6.55	29.00 -1.15 5.72	28.27 -1.17 7.02	29.84 -1.14 5.79	30.16 -1.12 6.24	32.07 -1.15 6.37	33.31 -1.15 5.30	32.59 -1.21 6.66	40.48 -1.30 0.00	45.57 -1.46 0.00	49.72 -1.49 0.00	48.98 -1.36 0.00	47.60 -1.42 0.00	39.45 -1.25 2.50	32.88 -1.08 3.18	32.61 -0.94 0.00
SITHE_IND_GS3 24171	32.00 -0.92 0.00	29.66 -0.79 0.00	27.26 -0.76 0.00	26.06 -0.70 0.00	25.79 -0.74 0.00	28.58 -0.85 0.00	34.45 -1.10 0.00	30.88 -1.32 5.56	30.78 -1.31 6.55	29.00 -1.15 5.72	28.27 -1.17 7.02	29.84 -1.14 5.79	30.16 -1.12 6.24	32.07 -1.15 6.37	33.31 -1.15 5.30	32.59 -1.21 6.66	40.48 -1.30 0.00	45.57 -1.46 0.00	49.72 -1.49 0.00	48.98 -1.36 0.00	47.60 -1.42 0.00	39.45 -1.25 2.50	32.88 -1.08 3.18	32.61 -0.94 0.00
SITHE_IND_GS4 24172	32.00 -0.92 0.00	29.66 -0.79 0.00	27.26 -0.76 0.00	26.06 -0.70 0.00	25.79 -0.74 0.00	28.58 -0.85 0.00	34.45 -1.10 0.00	30.88 -1.32 5.56	30.78 -1.31 6.55	29.00 -1.15 5.72	28.27 -1.17 7.02	29.84 -1.14 5.79	30.16 -1.12 6.24	32.07 -1.15 6.37	33.31 -1.15 5.30	32.59 -1.21 6.66	40.48 -1.30 0.00	45.57 -1.46 0.00	49.72 -1.49 0.00	48.98 -1.36 0.00	47.60 -1.42 0.00	39.45 -1.25 2.50	32.88 -1.08 3.18	32.61 -0.94 0.00

SITHE___BATAVIA 24024	33.64 0.72 0.00	31.79 1.34 0.00	28.97 0.95 0.00	27.88 1.12 0.00	27.27 0.74 0.00	29.93 0.50 0.00	35.20 -0.36 0.00	37.36 -0.49 -0.09	38.43 -0.58 -0.36	36.40 0.54 0.00	36.83 0.36 0.00	37.39 0.62 0.00	38.47 0.94 0.00	40.82 1.23 0.00	41.15 1.39 0.00	41.67 1.21 0.00	42.78 1.00 0.00	47.92 0.89 -0.01	53.34 1.08 -1.06	52.87 1.56 -0.97	51.31 1.37 -0.91	44.75 1.55 0.00	38.67 1.52 0.00	35.66 2.11 0.00
SITHE___INDEPEND 23800	32.00 -0.92 0.00	29.66 -0.79 0.00	27.26 -0.76 0.00	26.06 -0.70 0.00	25.79 -0.74 0.00	28.58 -0.85 0.00	34.45 -1.10 0.00	30.89 -1.32 5.56	30.78 -1.31 6.55	29.00 -1.15 5.72	28.27 -1.17 7.02	29.84 -1.14 5.79	30.16 -1.13 6.24	32.07 -1.15 6.37	33.31 -1.15 5.30	32.55 -1.25 6.66	40.48 -1.30 0.00	45.57 -1.46 0.00	49.67 -1.54 0.00	48.88 -1.46 0.00	47.60 -1.42 0.00	39.40 -1.30 2.50	32.89 -1.08 3.18	32.61 -0.94 0.00
SITHE___MASSENA 23902	33.84 0.92 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.53 0.78 0.00	27.32 0.80 0.00	30.35 0.91 0.00	36.73 1.17 0.00	38.90 1.13 0.00	39.65 1.00 0.00	36.79 0.93 0.00	37.41 0.95 0.00	37.69 0.92 0.00	38.35 0.82 0.00	40.43 0.83 0.00	40.64 0.87 0.00	41.39 0.93 0.00	42.49 0.71 0.00	47.87 0.85 0.00	52.12 0.92 0.00	51.35 1.01 0.00	50.10 1.08 0.00	44.32 1.12 0.00	38.22 1.08 0.00	34.55 1.01 0.00
SITHE___OGDNSBRG 24021	34.57 1.65 0.00	32.00 1.55 0.00	29.44 1.43 0.00	28.12 1.36 0.00	27.91 1.38 0.00	31.02 1.59 0.00	37.58 2.03 0.00	39.73 1.96 0.00	40.27 1.62 0.00	37.26 1.40 0.00	37.81 1.35 0.00	38.06 1.29 0.00	38.69 1.16 0.00	40.78 1.19 0.00	41.03 1.27 0.00	41.80 1.34 0.00	42.87 1.09 0.00	48.25 1.22 0.00	52.79 1.59 0.00	52.25 1.91 0.00	51.13 2.11 0.00	45.32 2.12 0.00	39.07 1.93 0.00	35.36 1.81 0.00
SITHE___STERLING 23777	33.68 0.76 0.00	31.18 0.73 0.00	28.66 0.64 0.00	27.40 0.64 0.00	27.14 0.61 0.00	30.08 0.65 0.00	36.41 0.85 0.00	39.04 0.94 -0.33	39.96 0.93 -0.39	37.02 0.83 -0.34	37.68 0.80 -0.41	37.88 0.77 -0.34	38.72 0.82 -0.37	40.96 0.99 -0.38	40.99 0.92 -0.31	41.70 0.85 -0.39	42.61 0.84 0.00	48.01 0.99 0.00	52.53 1.33 0.00	51.85 1.51 0.00	50.55 1.52 0.00	44.60 1.25 -0.15	38.37 1.04 -0.19	34.48 0.94 0.00
SLEIGHT__34_KV_TB1 80719	32.62 -0.30 0.00	30.42 -0.03 0.00	27.90 -0.11 0.00	26.76 0.00 0.00	26.32 -0.21 0.00	29.08 -0.35 0.00	34.84 -0.71 0.00	37.29 -0.68 -0.20	38.06 -0.66 -0.07	35.91 -0.22 -0.26	36.60 -0.18 -0.32	36.96 -0.07 -0.27	37.85 0.04 -0.29	40.12 0.24 -0.29	40.24 0.24 -0.24	40.85 0.08 -0.31	41.78 0.00 0.00	46.97 -0.05 0.00	50.49 0.00 0.71	49.79 0.10 0.65	48.56 0.15 0.61	43.49 0.17 -0.11	37.51 0.22 -0.15	33.92 0.37 0.00
SMITHTWN_69_KV_BK 1 55830	34.30 1.38 0.00	31.30 0.85 0.00	28.80 0.78 0.00	27.29 0.54 0.00	27.19 0.66 0.00	30.26 0.82 0.00	36.87 1.32 0.00	39.54 1.77 0.00	40.46 1.82 0.00	37.66 1.65 -0.15	39.08 2.41 -0.21	39.62 2.13 -0.72	40.47 2.06 -0.88	41.52 1.43 -0.50	41.77 1.43 -0.57	42.22 1.50 -0.26	43.32 1.55 0.01	48.85 1.83 0.01	52.83 1.64 0.01	51.59 1.26 0.01	50.10 1.08 0.01	44.06 0.86 0.00	38.74 1.60 0.00	34.52 0.97 0.00
SOUTH CAIRO___GT 23612	33.84 0.92 0.00	31.24 0.79 0.00	28.83 0.81 0.00	27.50 0.75 0.00	27.30 0.77 0.00	30.26 0.82 0.00	36.48 0.92 0.00	38.90 1.13 0.00	39.65 1.00 0.00	36.68 0.86 0.04	36.99 0.58 0.06	37.05 0.48 0.19	37.85 0.56 0.24	40.09 0.63 0.14	40.28 0.68 0.16	41.12 0.73 0.07	42.41 0.63 0.00	48.06 1.03 0.00	52.69 1.48 0.00	52.05 1.71 0.00	50.59 1.57 0.00	44.49 1.30 0.00	38.11 0.97 0.00	34.38 0.84 0.00
SOUTH HAMPTN___IC 23720	34.00 1.08 0.00	31.00 0.55 0.00	28.57 0.56 0.00	27.05 0.29 0.00	26.95 0.42 0.00	29.99 0.56 0.00	36.37 0.82 0.00	39.09 1.32 0.00	40.03 1.39 0.00	37.19 1.18 -0.15	38.72 2.04 -0.21	39.21 1.73 -0.72	40.02 1.61 -0.88	41.05 0.95 -0.50	41.33 0.99 -0.57	41.61 0.89 -0.26	42.94 1.17 0.01	48.57 1.55 0.01	52.32 1.13 0.01	51.09 0.76 0.01	49.70 0.69 0.01	43.67 0.48 0.00	38.15 1.00 0.00	34.18 0.64 0.00
SOUTHDOW_115KV_TB1 355954	33.55 0.63 0.00	31.70 1.25 0.00	28.97 0.95 0.00	27.91 1.15 0.00	27.30 0.77 0.00	29.99 0.56 0.00	35.98 0.43 0.00	39.05 0.34 -0.94	42.91 0.35 -3.91	37.15 1.29 0.00	37.77 1.31 0.00	38.31 1.54 0.00	39.33 1.80 0.00	41.89 2.30 0.00	42.23 2.47 0.00	42.77 2.31 0.00	43.77 1.96 -0.03	48.47 1.36 -0.08	65.21 1.23 -12.78	63.53 1.51 -11.68	61.46 1.47 -10.97	44.80 1.60 0.00	38.89 1.75 0.00	35.89 2.35 0.00
SOUTHOLD_69_KV_BK 2 55809	34.11 1.19 0.00	31.09 0.64 0.00	28.63 0.62 0.00	27.08 0.32 0.00	26.98 0.45 0.00	30.05 0.62 0.00	36.27 0.75 0.00	38.97 1.21 0.00	40.00 1.31 0.00	37.16 1.18 -0.15	38.75 2.08 -0.21	39.25 1.76 -0.72	40.02 1.61 -0.88	41.05 0.95 -0.50	41.37 1.03 -0.57	41.61 0.89 -0.26	42.98 1.21 0.01	48.66 1.65 0.01	52.42 1.38 0.01	51.14 0.96 0.01	49.70 0.78 0.01	43.76 0.56 0.00	38.22 1.08 0.00	34.25 0.70 0.00
SOUTHOLD___IC 23719	34.10 1.18 0.00	31.09 0.64 0.00	28.63 0.62 0.00	27.08 0.32 0.00	26.98 0.45 0.00	30.05 0.62 0.00	36.27 0.71 0.00	38.97 1.21 0.00	40.00 1.35 0.00	37.16 1.15 -0.15	38.75 2.08 -0.21	39.25 1.76 -0.72	40.02 1.61 -0.88	41.05 0.95 -0.50	41.37 1.03 -0.57	41.61 0.89 -0.26	42.98 1.21 0.01	48.66 1.65 0.01	52.42 1.23 0.01	51.14 0.80 0.01	49.70 0.69 0.01	43.67 0.48 0.00	38.03 0.89 0.00	34.25 0.71 0.00
SOUTH_FORK_WT_PWR 323839	33.81 0.89 0.00	30.81 0.37 0.00	28.38 0.36 0.00	26.84 0.08 0.00	26.74 0.21 0.00	29.79 0.35 0.00	35.84 0.28 0.00	38.52 0.76 0.00	39.53 0.89 0.00	36.69 0.68 -0.15	38.32 1.64 -0.21	38.77 1.29 -0.72	39.53 1.12 -0.88	40.53 0.44 -0.50	40.85 0.52 -0.57	41.04 0.32 -0.26	42.40 0.63 0.01	48.05 1.03 0.01	51.76 0.56 0.01	50.43 0.10 0.01	49.07 0.05 0.01	43.07 -0.13 0.00	37.55 0.41 0.00	33.92 0.37 0.00
SPIERFLS_115KV_TB 1 80737	33.81 0.89 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.22 0.69 0.00	30.26 0.82 0.00	36.41 0.85 0.00	38.86 1.10 0.00	39.73 1.08 0.00	36.54 0.79 0.11	36.63 0.33 0.16	36.46 0.22 0.53	37.14 0.26 0.65	39.30 0.08 0.38	39.37 0.04 0.43	40.39 0.12 0.20	42.03 0.25 0.00	47.68 0.66 0.00	52.69 1.48 0.00	51.95 1.61 0.00	50.64 1.62 0.00	44.45 1.25 0.00	38.18 1.04 0.00	34.35 0.81 0.00
ST LAWRENCE____ 23600	33.25 0.33 0.00	30.75 0.30 0.00	28.29 0.28 0.00	27.02 0.27 0.00	26.82 0.29 0.00	29.79 0.35 0.00	36.02 0.46 0.00	38.18 0.42 0.00	38.95 0.31 0.00	36.18 0.32 0.00	36.79 0.33 0.00	37.10 0.33 0.00	37.79 0.26 0.00	39.79 0.20 0.00	40.00 0.24 0.00	40.75 0.29 0.00	41.95 0.17 0.00	47.21 0.19 0.00	51.41 0.21 0.00	50.54 0.20 0.00	49.32 0.30 0.00	43.54 0.34 0.00	37.51 0.37 0.00	33.92 0.37 0.00

STATE_CA_115KV_115_LB 55624	33.02 0.10 0.00	30.57 0.12 0.00	28.18 0.17 0.00	26.89 0.13 0.00	26.69 0.16 0.00	29.61 0.18 0.00	35.70 0.14 0.00	38.11 0.34 0.00	39.07 0.43 0.00	35.93 0.18 0.11	36.49 0.18 0.15	36.40 0.15 0.51	36.94 0.04 0.63	39.27 0.04 0.36	39.43 0.08 0.41	40.31 0.04 0.19	41.95 0.17 0.00	47.26 0.24 0.00	51.46 0.26 0.00	50.49 0.15 0.00	49.12 0.10 0.00	43.28 0.09 0.00	37.18 0.04 0.00	33.51 -0.03 0.00
STATE_ST_34_KV_LOAD 55959	32.95 0.03 0.00	30.57 0.12 0.00	28.04 0.03 0.00	26.86 0.11 0.00	26.53 0.00 0.00	29.41 -0.03 0.00	35.45 -0.11 0.00	38.60 -0.08 -0.91	39.68 -0.04 -1.07	36.87 0.07 -0.94	37.72 0.11 -1.15	37.90 0.18 -0.95	38.78 0.23 -1.02	40.96 0.32 -1.04	40.91 0.28 -0.87	41.75 0.20 -1.09	41.99 0.21 0.00	47.26 0.24 0.00	51.56 0.36 0.00	50.84 0.50 0.00	49.56 0.54 0.00	44.00 0.39 -0.41	38.00 0.33 -0.52	33.92 0.37 0.00
STATION_5_MISC_HYD 23604	32.95 0.03 0.00	30.93 0.49 0.00	28.26 0.25 0.00	27.10 0.35 0.00	26.64 0.11 0.00	29.32 -0.12 0.00	34.99 -0.57 0.00	37.05 -0.64 0.08	37.66 -0.66 0.32	36.01 0.14 0.00	36.50 0.04 0.00	37.03 0.26 0.00	38.02 0.49 0.00	40.27 0.67 0.00	40.56 0.79 0.00	41.11 0.65 0.00	42.28 0.50 0.00	47.44 0.42 0.01	50.73 0.51 0.99	50.19 0.76 0.90	48.77 0.59 0.85	43.89 0.69 0.00	37.85 0.70 0.00	34.52 0.97 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.85 -0.07 0.00	30.63 0.18 0.00	28.07 0.06 0.00	26.92 0.16 0.00	26.50 -0.03 0.00	29.29 -0.15 0.00	35.02 -0.53 0.00	37.51 -0.49 -0.24	38.46 -0.46 -0.28	36.07 -0.04 -0.25	36.76 0.00 -0.30	37.17 0.15 -0.25	38.02 0.23 -0.27	40.30 0.44 -0.27	40.47 0.48 -0.23	41.07 0.32 -0.29	42.07 0.29 0.00	47.26 0.24 0.00	51.46 0.26 0.00	50.74 0.40 0.00	49.47 0.44 0.00	43.74 0.43 -0.11	37.76 0.48 -0.14	34.18 0.64 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.76 -0.16 0.00	30.63 0.18 0.00	28.04 0.03 0.00	26.92 0.16 0.00	26.45 -0.08 0.00	29.14 -0.29 0.00	34.74 -0.82 0.00	36.87 -0.83 0.07	37.58 -0.77 0.29	35.68 -0.18 0.00	36.32 -0.15 0.00	36.81 0.04 0.00	37.72 0.19 0.00	40.03 0.44 0.00	40.32 0.56 0.00	40.78 0.32 0.00	42.03 0.25 0.00	47.21 0.19 0.01	50.47 0.15 0.89	49.83 0.30 0.81	48.56 0.29 0.76	43.59 0.39 0.00	37.59 0.45 0.00	34.22 0.67 0.00
STA_56___34_KV_BUS2 355983	32.76 -0.16 0.00	30.63 0.18 0.00	28.04 0.03 0.00	26.92 0.16 0.00	26.45 -0.08 0.00	29.14 -0.29 0.00	34.74 -0.82 0.00	36.87 -0.83 0.07	37.58 -0.77 0.29	35.68 -0.18 0.00	36.32 -0.15 0.00	36.81 0.04 0.00	37.72 0.19 0.00	40.03 0.44 0.00	40.32 0.56 0.00	40.78 0.32 0.00	42.03 0.25 0.00	47.21 0.19 0.01	50.47 0.15 0.89	49.83 0.30 0.81	48.56 0.29 0.76	43.59 0.39 0.00	37.59 0.45 0.00	34.22 0.67 0.00
STA_67___115KV_BK2 355882	32.89 -0.03 0.00	30.78 0.33 0.00	28.18 0.17 0.00	27.05 0.29 0.00	26.58 0.05 0.00	29.26 -0.18 0.00	34.84 -0.71 0.00	36.93 -0.76 0.08	37.58 -0.73 0.33	35.75 -0.11 0.00	36.42 -0.04 0.00	36.92 0.15 0.00	37.83 0.30 0.00	40.15 0.55 0.00	40.44 0.68 0.00	40.86 0.40 0.00	42.15 0.38 0.00	47.30 0.28 0.01	50.45 0.26 1.01	49.82 0.40 0.92	48.60 0.44 0.87	43.76 0.56 0.00	37.77 0.63 0.00	34.42 0.87 0.00
STA_7___115KV_9TRANS 80674	33.15 0.23 0.00	31.03 0.58 0.00	28.41 0.39 0.00	27.24 0.48 0.00	26.74 0.21 0.00	29.46 0.03 0.00	35.09 -0.46 0.00	37.23 -0.45 0.08	37.94 -0.39 0.32	36.08 0.22 0.00	36.75 0.29 0.00	37.25 0.48 0.00	38.20 0.68 0.00	40.54 0.95 0.00	40.84 1.07 0.00	41.31 0.85 0.00	42.57 0.79 0.00	47.82 0.80 0.01	51.03 0.82 0.99	50.39 0.96 0.90	49.16 0.98 0.85	44.19 0.99 0.00	38.11 0.97 0.00	34.69 1.14 0.00
STA_82___115KV_TB1 80780	32.89 -0.03 0.00	30.81 0.37 0.00	28.21 0.20 0.00	27.05 0.29 0.00	26.58 0.05 0.00	29.29 -0.15 0.00	34.84 -0.71 0.00	36.98 -0.72 0.07	37.66 -0.70 0.29	35.79 -0.07 0.00	36.42 -0.04 0.00	36.92 0.15 0.00	37.83 0.30 0.00	40.19 0.59 0.00	40.44 0.68 0.00	40.91 0.45 0.00	42.15 0.38 0.00	47.35 0.33 0.01	50.64 0.31 0.87	50.00 0.45 0.80	48.77 0.49 0.75	43.76 0.56 0.00	37.77 0.63 0.00	34.45 0.91 0.00
STEEL___WIND 323596	32.89 -0.03 0.00	31.15 0.70 0.00	28.40 0.39 0.00	27.37 0.62 0.00	26.74 0.21 0.00	29.26 -0.18 0.00	34.60 -0.96 0.00	37.77 -1.28 -1.29	42.63 -1.39 -5.38	35.72 -0.14 0.00	36.21 -0.25 0.00	36.81 0.04 0.00	37.87 0.34 0.00	40.27 0.67 0.00	40.60 0.84 0.00	41.19 0.73 0.00	42.19 0.38 -0.04	47.27 0.14 -0.11	67.41 0.05 -16.15	65.55 0.45 -14.76	63.03 0.15 -13.86	43.80 0.60 0.00	37.96 0.82 0.00	35.12 1.58 0.00
STEPHTWN_115KV_BK_2 55603	33.15 0.23 0.00	30.69 0.24 0.00	28.27 0.25 0.00	27.00 0.24 0.00	26.79 0.27 0.00	29.73 0.29 0.00	35.84 0.28 0.00	38.29 0.53 0.00	39.19 0.54 0.00	36.08 0.32 0.11	36.60 0.29 0.15	36.49 0.22 0.50	37.03 0.11 0.61	39.40 0.16 0.35	39.52 0.16 0.40	40.44 0.16 0.18	42.11 0.33 0.00	47.45 0.42 0.00	51.71 0.51 0.00	50.74 0.40 0.00	49.37 0.34 0.00	43.54 0.35 0.00	37.36 0.22 0.00	33.68 0.13 0.00
STEUBEN_REC_LFGE 323667	33.41 0.49 0.00	31.36 0.91 0.00	28.71 0.70 0.00	27.61 0.86 0.00	27.11 0.58 0.00	29.91 0.47 0.00	35.70 0.14 0.00	38.57 0.11 -0.69	40.49 0.04 -1.81	36.76 0.54 -0.36	37.49 0.58 -0.44	37.83 0.70 -0.37	38.75 0.83 -0.39	41.14 1.15 -0.40	41.25 1.15 -0.33	41.89 1.01 -0.42	42.79 1.00 -0.01	48.09 1.03 -0.03	56.48 1.02 -4.26	55.59 1.36 -3.89	54.10 1.42 -3.65	44.70 1.34 -0.16	38.72 1.37 -0.20	35.29 1.74 0.00
STILLWATER___SOLAR 323814	33.94 1.02 0.00	31.33 0.88 0.00	28.85 0.84 0.00	27.53 0.78 0.00	27.32 0.80 0.00	30.35 0.91 0.00	36.55 0.99 0.00	39.01 1.24 0.00	39.92 1.27 0.00	36.67 0.93 0.13	37.01 0.73 0.18	36.84 0.66 0.59	37.48 0.68 0.73	39.81 0.63 0.42	39.92 0.63 0.48	40.93 0.69 0.22	42.66 0.88 0.00	48.24 1.22 0.00	52.89 1.69 0.00	52.00 1.66 0.00	50.69 1.67 0.00	44.62 1.42 0.00	38.29 1.15 0.00	34.45 0.91 0.00
STONY___BROOK 24151	34.27 1.35 0.00	31.27 0.82 0.00	28.77 0.76 0.00	27.26 0.51 0.00	27.16 0.64 0.00	30.23 0.80 0.00	36.80 1.24 0.00	39.47 1.70 0.00	40.42 1.78 0.00	37.55 1.54 -0.15	39.01 2.34 -0.21	39.54 2.06 -0.72	40.36 1.95 -0.88	41.40 1.30 -0.50	41.69 1.35 -0.57	41.98 1.26 -0.26	43.23 1.46 0.01	48.76 1.74 0.01	52.63 1.43 0.01	51.39 1.06 0.01	50.00 0.98 0.01	43.93 0.73 0.00	38.55 1.41 0.00	34.48 0.94 0.00
STURGEON_POOL_HYD 23609	33.61 0.69 0.00	30.90 0.46 0.00	28.46 0.45 0.00	27.13 0.37 0.00	26.98 0.45 0.00	29.94 0.50 0.00	36.37 0.82 0.00	38.82 1.06 0.00	39.77 1.12 0.00	37.01 1.08 -0.07	37.62 1.06 -0.10	38.13 1.03 -0.33	39.14 1.20 -0.41	41.06 1.23 -0.23	41.26 1.23 -0.27	41.92 1.34 -0.12	43.24 1.46 0.00	48.58 1.55 0.00	52.64 1.43 0.00	51.65 1.31 0.00	50.10 1.08 0.00	44.06 0.86 0.00	37.77 0.63 0.00	33.98 0.44 0.00

ST_LAW_115_BK7_LBMP 345037	33.32 0.40 0.00	30.81 0.37 0.00	28.35 0.34 0.00	27.08 0.32 0.00	26.87 0.34 0.00	29.85 0.41 0.00	36.09 0.53 0.00	38.26 0.49 0.00	39.03 0.39 0.00	36.22 0.36 0.00	36.83 0.36 0.00	37.14 0.37 0.00	37.83 0.30 0.00	39.83 0.24 0.00	40.04 0.28 0.00	40.78 0.32 0.00	41.95 0.17 0.00	47.26 0.24 0.00	51.41 0.21 0.00	50.59 0.25 0.00	49.37 0.35 0.00	43.63 0.43 0.00	37.55 0.41 0.00	33.98 0.43 0.00
ST_LAW_115_BK8_LBMP 345038	33.32 0.40 0.00	30.81 0.37 0.00	28.35 0.34 0.00	27.08 0.32 0.00	26.87 0.34 0.00	29.85 0.41 0.00	36.09 0.53 0.00	38.26 0.49 0.00	39.03 0.39 0.00	36.22 0.36 0.00	36.83 0.36 0.00	37.14 0.37 0.00	37.83 0.30 0.00	39.83 0.24 0.00	40.04 0.28 0.00	40.78 0.32 0.00	41.95 0.17 0.00	47.26 0.24 0.00	51.41 0.21 0.00	50.59 0.25 0.00	49.37 0.35 0.00	43.63 0.43 0.00	37.55 0.41 0.00	33.98 0.43 0.00
ST_LAW_230_BK5_LBMP 345035	33.25 0.33 0.00	30.75 0.30 0.00	28.29 0.28 0.00	27.02 0.27 0.00	26.82 0.29 0.00	29.79 0.35 0.00	36.02 0.46 0.00	38.18 0.42 0.00	38.95 0.31 0.00	36.18 0.32 0.00	36.79 0.33 0.00	37.10 0.33 0.00	37.79 0.26 0.00	39.79 0.20 0.00	40.00 0.24 0.00	40.75 0.29 0.00	41.95 0.17 0.00	47.21 0.19 0.00	51.41 0.21 0.00	50.54 0.20 0.00	49.32 0.30 0.00	43.54 0.34 0.00	37.51 0.37 0.00	33.92 0.37 0.00
ST_LAW_230_BK6_LBMP 345036	33.25 0.33 0.00	30.75 0.30 0.00	28.29 0.28 0.00	27.02 0.27 0.00	26.82 0.29 0.00	29.79 0.35 0.00	36.02 0.46 0.00	38.18 0.42 0.00	38.95 0.31 0.00	36.18 0.32 0.00	36.79 0.33 0.00	37.10 0.33 0.00	37.79 0.26 0.00	39.79 0.20 0.00	40.00 0.24 0.00	40.75 0.29 0.00	41.95 0.17 0.00	47.21 0.19 0.00	51.41 0.21 0.00	50.54 0.20 0.00	49.32 0.30 0.00	43.54 0.34 0.00	37.51 0.37 0.00	33.92 0.37 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.61 0.69 0.00	30.93 0.49 0.00	28.46 0.45 0.00	27.13 0.37 0.00	26.95 0.42 0.00	29.96 0.53 0.00	36.41 0.85 0.00	38.86 1.10 0.00	39.84 1.20 0.00	36.98 1.00 -0.12	37.65 1.02 -0.17	38.31 0.99 -0.55	39.33 1.13 -0.68	41.09 1.11 -0.39	41.32 1.11 -0.44	41.84 1.17 -0.20	43.20 1.42 0.00	48.53 1.50 0.00	52.58 1.38 0.00	51.60 1.26 0.00	50.10 1.08 0.00	44.06 0.86 0.00	37.81 0.67 0.00	34.05 0.50 0.00
SWANROAD_115KV_TB1 355699	32.62 -0.30 0.00	30.84 0.40 0.00	28.21 0.20 0.00	26.76 0.00 0.00	26.53 0.00 0.00	28.96 -0.47 0.00	33.71 -1.85 0.00	35.58 -2.34 -0.16	36.88 -2.43 -0.67	34.61 -1.26 0.00	35.26 -1.20 0.00	35.85 -0.92 0.00	36.78 -0.75 0.00	39.20 -0.40 0.00	39.56 -0.20 0.00	39.93 -0.53 0.00	41.03 -0.75 -0.01	45.81 -1.22 -0.01	51.69 -1.48 -1.97	50.88 -1.26 -1.80	49.49 -1.23 -1.69	42.68 -0.52 0.00	37.14 0.00 0.00	34.69 1.14 0.00
SYNERGY___BIOGAS 323694	33.64 0.72 0.00	31.70 1.25 0.00	28.97 0.95 0.00	27.67 0.91 0.00	27.27 0.74 0.00	29.94 0.50 0.00	35.16 -0.39 0.00	37.32 -0.53 -0.09	38.47 -0.54 -0.36	36.22 0.36 0.00	36.83 0.36 0.00	37.39 0.63 0.00	38.39 0.86 0.00	40.82 1.23 0.00	41.15 1.39 0.00	41.55 1.09 0.00	42.78 1.00 0.00	47.92 0.89 -0.01	53.29 1.02 -1.06	52.57 1.26 -0.97	51.26 1.32 -0.91	44.71 1.51 0.00	38.70 1.56 0.00	35.66 2.11 0.00
SYRACUSE___ENERGY_ST1 323597	32.72 -0.20 0.00	30.33 -0.12 0.00	27.84 -0.17 0.00	26.65 -0.11 0.00	26.34 -0.19 0.00	29.20 -0.24 0.00	35.24 -0.32 0.00	38.50 -0.34 -1.07	39.60 -0.31 -1.26	36.75 -0.22 -1.10	37.63 -0.18 -1.35	37.74 -0.15 -1.12	38.62 -0.11 -1.20	40.78 -0.04 -1.23	40.70 -0.08 -1.02	41.58 -0.16 -1.28	41.57 -0.21 0.00	46.84 -0.19 0.00	51.05 -0.15 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.55 -0.13 -0.48	37.64 -0.11 -0.61	33.51 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	32.72 -0.20 0.00	30.33 -0.12 0.00	27.84 -0.17 0.00	26.65 -0.11 0.00	26.34 -0.19 0.00	29.20 -0.24 0.00	35.24 -0.32 0.00	38.50 -0.34 -1.07	39.60 -0.31 -1.26	36.75 -0.22 -1.10	37.63 -0.18 -1.35	37.74 -0.15 -1.12	38.62 -0.11 -1.20	40.78 -0.04 -1.23	40.70 -0.08 -1.02	41.58 -0.16 -1.28	41.57 -0.21 0.00	46.84 -0.19 0.00	51.05 -0.15 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.55 -0.13 -0.48	37.64 -0.11 -0.61	33.51 -0.03 0.00
SYRACUSE___POWER 24017	32.69 -0.23 0.00	30.29 -0.15 0.00	27.82 -0.20 0.00	26.60 -0.16 0.00	26.32 -0.21 0.00	29.17 -0.26 0.00	35.20 -0.36 0.00	38.07 -0.42 -0.72	39.14 -0.35 -0.85	36.35 -0.25 -0.74	37.15 -0.22 -0.91	37.33 -0.18 -0.75	38.19 -0.15 -0.81	40.34 -0.08 -0.82	40.37 -0.08 -0.69	41.12 -0.20 -0.86	41.53 -0.25 0.00	46.79 -0.24 0.00	50.95 -0.26 0.00	50.19 -0.15 0.00	48.88 -0.15 0.00	43.31 -0.22 -0.32	37.40 -0.15 -0.41	33.45 -0.10 0.00
TALLMAN__138KV_BK151 55660	33.81 0.89 0.00	31.09 0.64 0.00	28.60 0.59 0.00	27.24 0.48 0.00	27.09 0.56 0.00	30.11 0.68 0.00	36.66 1.10 0.00	39.16 1.40 0.00	40.15 1.51 0.00	37.32 1.33 -0.13	38.03 1.39 -0.18	38.74 1.36 -0.61	39.74 1.46 -0.75	41.49 1.46 -0.43	41.72 1.47 -0.49	42.22 1.54 -0.22	43.62 1.84 0.00	48.95 1.93 0.00	52.94 1.74 0.00	51.90 1.56 0.00	50.35 1.32 0.00	44.32 1.12 0.00	38.03 0.89 0.00	34.18 0.64 0.00
TEALLAVE_115KV_TB7 355573	32.59 -0.33 0.00	30.20 -0.24 0.00	27.73 -0.28 0.00	26.54 -0.21 0.00	26.24 -0.29 0.00	29.08 -0.35 0.00	35.06 -0.50 0.00	37.83 -0.53 -0.60	38.85 -0.50 -0.70	36.12 -0.36 -0.61	36.89 -0.33 -0.76	37.10 -0.29 -0.62	37.94 -0.26 -0.67	40.08 -0.20 -0.69	40.13 -0.20 -0.57	40.81 -0.36 -0.72	41.40 -0.38 0.00	46.60 -0.42 0.00	50.74 -0.46 0.00	49.99 -0.35 0.00	48.68 -0.34 0.00	43.08 -0.39 -0.27	37.19 -0.30 -0.34	33.34 -0.20 0.00
TELGRAPH_34_KV_EAST 80808	33.15 0.23 0.00	31.30 0.85 0.00	28.60 0.59 0.00	27.32 0.56 0.00	26.93 0.40 0.00	29.46 0.03 0.00	34.52 -1.03 0.00	36.61 -1.28 -0.13	37.84 -1.35 -0.55	35.54 -0.32 0.00	36.17 -0.29 0.00	36.77 0.00 0.00	37.75 0.23 0.00	40.19 0.59 0.00	40.52 0.76 0.00	40.91 0.45 0.00	42.08 0.29 0.00	47.08 0.05 -0.01	52.76 -0.05 -1.61	52.02 0.20 -1.47	50.65 0.25 -1.38	43.85 0.65 0.00	38.03 0.89 0.00	35.22 1.68 0.00
TEMPLE___115KV_TB 2 55572	32.59 -0.33 0.00	30.20 -0.24 0.00	27.73 -0.28 0.00	26.54 -0.21 0.00	26.26 -0.27 0.00	29.08 -0.35 0.00	35.09 -0.46 0.00	37.83 -0.53 -0.60	38.88 -0.46 -0.70	36.15 -0.32 -0.61	36.92 -0.29 -0.75	37.13 -0.26 -0.62	37.97 -0.23 -0.67	40.12 -0.16 -0.68	40.13 -0.20 -0.57	40.85 -0.32 -0.71	41.40 -0.38 0.00	46.60 -0.42 0.00	50.79 -0.41 0.00	49.99 -0.35 0.00	48.68 -0.34 0.00	43.12 -0.35 -0.27	37.22 -0.26 -0.34	33.34 -0.20 0.00
TIANA____69_KV_BK 1 55817	34.01 1.09 0.00	31.03 0.58 0.00	28.57 0.56 0.00	27.05 0.29 0.00	26.95 0.42 0.00	29.99 0.56 0.00	36.48 0.92 0.00	39.13 1.36 0.00	40.04 1.39 0.00	37.27 1.26 -0.15	38.75 2.08 -0.21	39.25 1.76 -0.72	40.10 1.69 -0.88	41.09 0.99 -0.50	41.37 1.03 -0.57	41.81 1.09 -0.26	42.94 1.17 0.01	48.57 1.55 0.01	52.53 1.33 0.01	51.29 0.96 0.01	49.80 0.78 0.01	43.80 0.60 0.00	38.33 1.19 0.00	34.18 0.64 0.00

TILDEN___115KV_TB1 80814	32.69 -0.23 0.00	30.29 -0.15 0.00	27.82 -0.20 0.00	26.60 -0.16 0.00	26.32 -0.21 0.00	29.17 -0.26 0.00	35.20 -0.36 0.00	38.07 -0.42 -0.72	39.14 -0.35 -0.85	36.35 -0.25 -0.74	37.15 -0.22 -0.91	37.33 -0.18 -0.75	38.19 -0.15 -0.81	40.34 -0.08 -0.82	40.37 -0.08 -0.69	41.12 -0.20 -0.86	41.53 -0.25 0.00	46.79 -0.24 0.00	50.95 -0.26 0.00	50.19 -0.15 0.00	48.88 -0.15 0.00	43.31 -0.22 -0.32	37.40 -0.15 -0.41	33.45 -0.10 0.00
TRIGEN___CC 323695	34.11 1.19 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.26 0.51 0.00	27.14 0.61 0.00	30.20 0.77 0.00	36.84 1.28 0.00	39.43 1.66 0.00	40.35 1.70 0.00	37.55 1.54 -0.15	38.75 2.08 -0.21	39.40 1.91 -0.72	40.28 1.88 -0.88	41.52 1.43 -0.50	41.77 1.43 -0.57	42.18 1.46 -0.26	43.44 1.67 0.01	48.76 1.74 0.01	52.68 1.48 0.01	51.54 1.21 0.01	50.05 1.03 0.01	44.06 0.86 0.00	38.48 1.34 0.00	34.38 0.84 0.00
TRINITY__115KV__4 BK 55933	32.89 -0.03 0.00	30.45 0.00 0.00	28.07 0.06 0.00	26.81 0.05 0.00	26.58 0.05 0.00	29.49 0.06 0.00	35.56 0.00 0.00	37.95 0.19 0.00	38.92 0.27 0.00	35.82 0.07 0.11	36.38 0.07 0.15	36.26 0.00 0.51	36.83 -0.08 0.63	39.16 -0.08 0.36	39.27 -0.08 0.41	40.15 -0.12 0.19	41.82 0.04 0.00	47.07 0.05 0.00	51.25 0.05 0.00	50.24 -0.10 0.00	48.93 -0.10 0.00	43.16 -0.04 0.00	37.03 -0.11 0.00	33.38 -0.17 0.00
UNION___PROCESSING_DRP 323587	32.92 0.00 0.00	30.81 0.37 0.00	28.21 0.20 0.00	27.08 0.32 0.00	26.58 0.05 0.00	29.29 -0.15 0.00	34.88 -0.68 0.00	36.98 -0.72 0.07	37.68 -0.70 0.27	35.79 -0.07 0.00	36.42 -0.04 0.00	36.95 0.18 0.00	37.87 0.34 0.00	40.19 0.59 0.00	40.44 0.68 0.00	40.91 0.45 0.00	42.19 0.42 0.00	47.35 0.33 0.01	50.67 0.31 0.84	50.03 0.45 0.77	48.79 0.49 0.72	43.80 0.60 0.00	37.81 0.67 0.00	34.45 0.91 0.00
UPPER HUDSON___HYD 24058	33.81 0.89 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.22 0.69 0.00	30.26 0.82 0.00	36.41 0.85 0.00	38.86 1.10 0.00	39.73 1.08 0.00	36.54 0.79 0.11	36.63 0.33 0.16	36.46 0.22 0.53	37.14 0.26 0.65	39.34 0.12 0.38	39.37 0.04 0.43	40.35 0.08 0.20	42.03 0.25 0.00	47.68 0.66 0.00	52.74 1.53 0.00	51.90 1.56 0.00	50.59 1.57 0.00	44.45 1.25 0.00	38.18 1.04 0.00	34.35 0.80 0.00
UPPER RAQUET___HYD 24056	34.24 1.32 0.00	31.70 1.25 0.00	29.16 1.15 0.00	27.85 1.10 0.00	27.64 1.11 0.00	30.73 1.29 0.00	37.23 1.67 0.00	39.62 1.66 -0.19	40.30 1.43 -0.22	37.35 1.29 -0.20	37.98 1.28 -0.24	38.22 1.25 -0.20	38.87 1.12 -0.21	40.96 1.15 -0.22	41.14 1.19 -0.18	41.94 1.26 -0.23	42.61 0.84 0.00	47.73 0.71 0.00	52.12 0.92 0.00	51.45 1.11 0.00	50.30 1.27 0.00	44.84 1.55 -0.09	38.85 1.60 -0.11	35.02 1.47 0.00
VALLEY44_115KV_TB2 355964	32.56 -0.36 0.00	30.72 0.27 0.00	28.10 0.08 0.00	27.00 0.24 0.00	26.45 -0.08 0.00	29.08 -0.35 0.00	34.60 -0.96 0.00	37.28 -1.25 -0.76	40.48 -1.31 -3.15	35.43 -0.43 0.00	36.02 -0.44 0.00	36.59 -0.18 0.00	37.49 -0.04 0.00	39.99 0.40 0.00	40.24 0.48 0.00	40.74 0.28 0.00	41.89 0.08 -0.02	46.90 -0.19 -0.06	60.38 -0.56 -9.75	59.04 -0.20 -8.90	57.19 -0.20 -8.36	43.24 0.04 0.00	37.51 0.37 0.00	34.62 1.07 0.00
VALLEY___115KV_TB 1-4 80826	32.72 -0.20 0.00	30.26 -0.18 0.00	27.87 -0.14 0.00	26.62 -0.13 0.00	26.42 -0.11 0.00	29.32 -0.12 0.00	35.48 -0.07 0.00	37.73 -0.04 0.00	38.65 0.00 0.00	35.86 0.00 0.00	36.50 0.04 0.00	36.84 0.07 0.00	37.64 0.11 0.00	39.75 0.16 0.00	39.92 0.16 0.00	40.54 0.08 0.00	41.86 0.08 0.00	47.12 0.09 0.00	51.46 0.26 0.00	50.59 0.25 0.00	49.27 0.25 0.00	43.37 0.17 0.00	37.25 0.11 0.00	33.61 0.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.94 1.02 0.00	31.36 0.91 0.00	28.85 0.84 0.00	27.56 0.80 0.00	27.33 0.80 0.00	30.29 0.85 0.00	36.69 1.14 0.00	39.50 1.40 -0.34	40.71 1.47 -0.59	37.52 1.36 -0.30	38.18 1.35 -0.37	38.52 1.36 -0.39	39.43 1.46 -0.44	41.57 1.58 -0.39	41.62 1.51 -0.35	42.32 1.50 -0.36	43.37 1.59 0.00	48.82 1.79 -0.01	54.03 2.00 -0.84	53.12 2.01 -0.76	51.70 1.96 -0.72	44.92 1.60 -0.12	38.60 1.30 -0.15	34.72 1.17 0.00
VISCHER___FERRY HYD 24020	33.64 0.72 0.00	31.00 0.55 0.00	28.57 0.56 0.00	27.29 0.53 0.00	27.09 0.56 0.00	30.05 0.62 0.00	36.23 0.67 0.00	38.71 0.94 0.00	39.65 1.00 0.00	36.42 0.72 0.16	36.93 0.69 0.22	36.65 0.62 0.74	37.22 0.60 0.91	39.70 0.63 0.52	39.80 0.63 0.59	40.83 0.65 0.27	42.66 0.88 0.00	48.11 1.08 0.00	52.43 1.23 0.00	51.45 1.11 0.00	50.10 1.08 0.00	44.15 0.95 0.00	37.88 0.74 0.00	34.05 0.50 0.00
V_A_10_SYNC_DSASP 323832	32.46 -0.46 0.00	30.60 0.15 0.00	27.98 -0.03 0.00	26.94 0.19 0.00	26.34 -0.19 0.00	28.88 -0.56 0.00	34.17 -1.39 0.00	35.90 -1.59 0.28	35.86 -1.62 1.17	35.14 -0.72 0.00	35.81 -0.66 0.00	36.33 -0.44 0.00	37.23 -0.30 0.00	39.59 0.00 0.00	39.92 0.16 0.00	40.34 -0.12 0.00	41.48 -0.29 0.01	46.48 -0.52 0.02	46.95 -0.72 3.54	46.61 -0.50 3.23	45.50 -0.49 3.03	43.11 -0.09 0.00	37.40 0.26 0.00	34.35 0.81 0.00
V_CMM_10_SYNC_DSASP 323787	33.48 0.56 0.00	30.96 0.52 0.00	28.52 0.50 0.00	27.21 0.45 0.00	27.01 0.48 0.00	30.02 0.59 0.00	36.30 0.75 0.00	38.48 0.72 0.00	39.23 0.58 0.00	36.40 0.54 0.00	37.01 0.55 0.00	37.32 0.55 0.00	38.02 0.49 0.00	40.03 0.44 0.00	40.24 0.48 0.00	40.98 0.52 0.00	42.15 0.38 0.00	47.49 0.47 0.00	51.66 0.46 0.00	50.84 0.50 0.00	49.61 0.59 0.00	43.85 0.65 0.00	37.77 0.63 0.00	34.15 0.60 0.00
V_CMP_10_SYNC_DSASP 323788	34.37 1.45 0.00	31.85 1.40 0.00	29.27 1.26 0.00	27.96 1.21 0.00	27.75 1.22 0.00	30.85 1.41 0.00	37.37 1.81 0.00	39.65 1.89 0.00	40.42 1.78 0.00	37.51 1.65 0.00	38.14 1.68 0.00	38.46 1.69 0.00	39.14 1.61 0.00	41.22 1.62 0.00	41.47 1.71 0.00	42.20 1.74 0.00	42.86 1.08 0.00	48.34 1.31 0.00	52.63 1.43 0.00	51.80 1.46 0.00	50.55 1.52 0.00	44.62 1.42 0.00	38.41 1.26 0.00	34.75 1.21 0.00
V_D_10_SYNC_DSASP 323841	33.84 0.92 0.00	31.33 0.88 0.00	28.83 0.81 0.00	27.50 0.75 0.00	27.30 0.77 0.00	30.35 0.91 0.00	36.69 1.14 0.00	38.90 1.13 0.00	39.65 1.00 0.00	36.76 0.90 0.00	37.37 0.91 0.00	37.69 0.92 0.00	38.35 0.82 0.00	40.39 0.79 0.00	40.64 0.87 0.00	41.35 0.89 0.00	42.49 0.71 0.00	47.87 0.85 0.00	52.12 0.92 0.00	51.35 1.01 0.00	50.10 1.08 0.00	44.32 1.12 0.00	38.18 1.04 0.00	34.55 1.01 0.00
V_E_10_SYNC_DSASP 323830	35.82 2.90 0.00	33.28 2.83 0.00	30.70 2.69 0.00	29.35 2.59 0.00	29.02 2.49 0.00	32.14 2.71 0.00	39.18 3.63 0.00	42.42 4.19 -0.47	43.57 4.09 -0.83	40.07 3.80 -0.41	40.57 3.61 -0.50	41.02 3.75 -0.49	42.09 4.02 -0.55	44.57 4.47 -0.50	44.50 4.30 -0.44	45.19 4.25 -0.49	45.96 4.18 0.00	51.92 4.89 -0.01	58.33 5.94 -1.19	57.62 6.19 -1.08	56.27 6.23 -1.02	48.42 5.05 -0.17	41.55 4.20 -0.21	37.47 3.92 0.00

V_F_30_NSYNC___DSASP 323816	33.97 1.05 0.00	31.36 0.91 0.00	28.88 0.87 0.00	27.56 0.80 0.00	27.35 0.82 0.00	30.38 0.94 0.00	36.59 1.03 0.00	39.05 1.28 0.00	39.96 1.31 0.00	36.71 0.97 0.12	37.09 0.80 0.17	36.94 0.74 0.57	37.58 0.75 0.70	39.91 0.71 0.40	40.02 0.72 0.45	41.02 0.77 0.21	42.74 0.96 0.00	48.34 1.31 0.00	52.94 1.74 0.00	52.10 1.76 0.00	50.74 1.71 0.00	44.67 1.47 0.00	38.33 1.19 0.00	34.48 0.94 0.00
V_F_30_SYNC_DSASP 323786	33.02 0.10 0.00	30.57 0.12 0.00	28.18 0.17 0.00	26.89 0.13 0.00	26.69 0.16 0.00	29.61 0.18 0.00	35.70 0.14 0.00	38.11 0.34 0.00	39.03 0.39 0.00	35.93 0.18 0.11	36.49 0.18 0.15	36.40 0.15 0.51	36.94 0.04 0.63	39.27 0.04 0.36	39.43 0.08 0.41	40.31 0.04 0.19	41.95 0.17 0.00	47.26 0.24 0.00	51.46 0.26 0.00	50.49 0.15 0.00	49.12 0.10 0.00	43.28 0.09 0.00	37.18 0.04 0.00	33.51 -0.03 0.00
V_XM_10_SYNC_DSASP 323789	34.37 1.45 0.00	31.85 1.40 0.00	29.27 1.26 0.00	27.96 1.21 0.00	27.75 1.22 0.00	30.85 1.41 0.00	37.37 1.81 0.00	39.65 1.89 0.00	40.42 1.78 0.00	37.51 1.65 0.00	38.14 1.68 0.00	38.46 1.69 0.00	39.14 1.61 0.00	41.22 1.62 0.00	41.47 1.71 0.00	42.20 1.74 0.00	42.86 1.08 0.00	48.34 1.31 0.00	52.63 1.43 0.00	51.80 1.46 0.00	50.55 1.52 0.00	44.62 1.42 0.00	38.41 1.26 0.00	34.75 1.21 0.00
W.BABYLN_69_KV_BK1 56697	34.57 1.65 0.00	31.57 1.13 0.00	29.02 1.01 0.00	27.50 0.75 0.00	27.40 0.88 0.00	30.52 1.09 0.00	37.19 1.64 0.00	39.84 2.08 0.00	40.77 2.13 0.00	37.95 1.94 -0.15	39.34 2.66 -0.21	39.88 2.39 -0.72	40.73 2.33 -0.88	41.84 1.74 -0.50	42.08 1.75 -0.57	42.54 1.82 -0.26	43.69 1.92 0.01	49.18 2.16 0.01	53.19 2.00 0.01	51.99 1.66 0.01	50.54 1.52 0.01	44.45 1.25 0.00	39.04 1.89 0.00	34.82 1.27 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.94 1.02 0.00	31.21 0.76 0.00	28.71 0.70 0.00	27.34 0.59 0.00	27.22 0.69 0.00	30.23 0.79 0.00	36.80 1.24 0.00	39.35 1.59 0.00	40.35 1.70 0.00	37.46 1.47 -0.13	38.18 1.53 -0.19	38.91 1.51 -0.63	39.95 1.65 -0.77	41.70 1.66 -0.44	41.94 1.67 -0.50	42.43 1.74 -0.23	43.83 2.05 0.00	49.19 2.16 0.00	53.25 2.05 0.00	52.15 1.81 0.00	50.64 1.62 0.00	44.54 1.34 0.00	38.22 1.08 0.00	34.35 0.81 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.07 1.15 0.00	31.27 0.82 0.00	28.80 0.78 0.00	27.40 0.64 0.00	27.30 0.77 0.00	30.35 0.91 0.00	37.01 1.46 0.00	39.62 1.85 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	38.57 1.90 -0.21	39.36 1.88 -0.71	40.39 1.99 -0.88	42.08 1.98 -0.50	42.32 1.99 -0.57	42.79 2.06 -0.26	44.24 2.46 0.00	49.52 2.49 0.00	53.51 2.30 0.00	52.35 2.01 0.00	50.69 1.67 0.00	44.67 1.47 0.00	38.37 1.23 0.00	34.45 0.91 0.00
W50THST__13_KV_LOAD 356117	34.20 1.28 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.50 0.75 0.00	27.40 0.88 0.00	30.46 1.03 0.00	37.19 1.64 0.00	39.84 2.08 0.00	40.89 2.24 0.00	37.98 1.97 -0.15	38.83 2.15 -0.21	39.62 2.13 -0.71	40.66 2.25 -0.88	42.31 2.22 -0.50	42.56 2.23 -0.57	43.03 2.31 -0.26	44.54 2.76 0.00	49.80 2.77 0.00	53.81 2.61 0.00	52.61 2.27 0.00	50.94 1.91 0.00	44.84 1.64 0.00	38.52 1.37 0.00	34.59 1.04 0.00
WADING RIVER_IC_1 23522	33.68 0.76 0.00	30.69 0.24 0.00	28.29 0.28 0.00	26.78 0.03 0.00	26.69 0.16 0.00	29.70 0.26 0.00	36.12 0.57 0.00	38.75 0.98 0.00	39.69 1.04 0.00	36.84 0.83 -0.15	38.32 1.64 -0.21	38.81 1.32 -0.72	39.61 1.20 -0.88	40.61 0.51 -0.50	40.89 0.56 -0.57	41.13 0.40 -0.26	42.44 0.67 0.01	48.01 0.99 0.01	51.71 0.51 0.01	50.48 0.15 0.01	49.16 0.15 0.01	43.24 0.04 0.00	37.81 0.67 0.00	33.85 0.30 0.00
WADING RIVER_IC_2 23547	33.68 0.76 0.00	30.69 0.24 0.00	28.29 0.28 0.00	26.78 0.03 0.00	26.69 0.16 0.00	29.70 0.26 0.00	36.12 0.57 0.00	38.75 0.98 0.00	39.69 1.04 0.00	36.84 0.83 -0.15	38.32 1.64 -0.21	38.81 1.32 -0.72	39.61 1.20 -0.88	40.61 0.51 -0.50	40.89 0.56 -0.57	41.13 0.40 -0.26	42.44 0.67 0.01	48.01 0.99 0.01	51.71 0.51 0.01	50.48 0.15 0.01	49.16 0.15 0.01	43.24 0.04 0.00	37.81 0.67 0.00	33.85 0.30 0.00
WADING RIVER_IC_3 23601	33.68 0.76 0.00	30.69 0.24 0.00	28.29 0.28 0.00	26.78 0.03 0.00	26.69 0.16 0.00	29.70 0.26 0.00	36.12 0.57 0.00	38.75 0.98 0.00	39.69 1.04 0.00	36.84 0.83 -0.15	38.32 1.64 -0.21	38.81 1.32 -0.72	39.61 1.20 -0.88	40.61 0.51 -0.50	40.89 0.56 -0.57	41.13 0.40 -0.26	42.44 0.67 0.01	48.01 0.99 0.01	51.71 0.51 0.01	50.48 0.15 0.01	49.16 0.15 0.01	43.24 0.04 0.00	37.81 0.67 0.00	33.85 0.30 0.00
WALDENNY_12_KV_BK2 80841	32.99 0.07 0.00	31.15 0.70 0.00	28.49 0.48 0.00	27.37 0.62 0.00	26.79 0.27 0.00	29.32 -0.12 0.00	34.56 -1.00 0.00	37.64 -1.28 -1.16	42.14 -1.31 -4.81	35.61 -0.25 0.00	36.28 -0.18 0.00	36.88 0.11 0.00	37.90 0.38 0.00	40.39 0.79 0.00	40.72 0.95 0.00	41.19 0.73 0.00	42.32 0.50 -0.04	47.35 0.24 -0.09	65.69 0.05 -14.44	63.79 0.25 -13.19	61.61 0.20 -12.39	43.80 0.60 0.00	38.03 0.89 0.00	35.22 1.68 0.00
WALDEN___HYDRO 24148	33.74 0.82 0.00	31.03 0.58 0.00	28.57 0.56 0.00	27.21 0.45 0.00	27.06 0.53 0.00	30.05 0.62 0.00	36.55 1.00 0.00	39.01 1.25 0.00	39.96 1.31 0.00	37.08 1.11 -0.11	37.71 1.09 -0.16	38.36 1.07 -0.52	39.37 1.20 -0.64	41.19 1.23 -0.37	41.41 1.23 -0.42	41.99 1.34 -0.19	43.37 1.59 0.00	48.72 1.69 0.00	52.84 1.64 0.00	51.85 1.51 0.00	50.35 1.32 0.00	44.24 1.04 0.00	37.96 0.82 0.00	34.15 0.60 0.00
WARRENSBURG____ 23737	33.81 0.89 0.00	31.21 0.76 0.00	28.74 0.73 0.00	27.40 0.64 0.00	27.22 0.69 0.00	30.26 0.82 0.00	36.41 0.85 0.00	38.86 1.10 0.00	39.73 1.08 0.00	36.54 0.79 0.11	36.63 0.33 0.16	36.46 0.22 0.53	37.14 0.26 0.65	39.30 0.08 0.38	39.37 0.04 0.43	40.39 0.12 0.20	42.03 0.25 0.00	47.68 0.66 0.00	52.69 1.48 0.00	51.95 1.61 0.00	50.64 1.62 0.00	44.45 1.25 0.00	38.18 1.04 0.00	34.35 0.81 0.00
WATERSIDE____6 8 9 23538	34.24 1.32 0.00	31.45 1.00 0.00	28.94 0.92 0.00	27.50 0.75 0.00	27.38 0.85 0.00	30.35 0.91 0.00	37.01 1.46 0.00	39.62 1.85 0.00	40.65 2.01 0.00	37.77 1.76 -0.15	38.64 1.97 -0.21	39.47 1.99 -0.71	40.51 2.10 -0.88	42.20 2.10 -0.50	42.48 2.15 -0.57	42.95 2.23 -0.26	44.41 2.63 0.00	49.70 2.68 0.00	53.61 2.41 0.00	52.35 2.01 0.00	50.54 1.52 0.00	44.62 1.43 0.00	38.37 1.23 0.00	34.62 1.07 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.79 -0.13 0.00	30.33 -0.12 0.00	27.93 -0.08 0.00	26.65 -0.11 0.00	26.45 -0.08 0.00	29.35 -0.09 0.00	35.48 -0.07 0.00	37.73 -0.04 0.00	38.61 -0.04 0.00	35.83 -0.04 0.00	36.46 0.00 0.00	36.77 0.00 0.00	37.57 0.04 0.00	39.63 0.04 0.00	39.80 0.04 0.00	40.46 0.00 0.00	41.82 0.04 0.00	47.07 0.05 0.00	51.36 0.15 0.00	50.49 0.15 0.00	49.17 0.15 0.00	43.28 0.09 0.00	37.18 0.04 0.00	33.55 0.00 0.00

WDELAWARE___HYD 323627	33.64 0.72 0.00	30.93 0.49 0.00	28.46 0.45 0.00	27.13 0.37 0.00	26.95 0.42 0.00	29.93 0.50 0.00	36.37 0.82 0.00	38.82 1.06 0.00	39.77 1.12 0.00	36.85 0.90 -0.09	37.46 0.87 -0.12	38.03 0.85 -0.41	39.05 1.01 -0.51	40.99 1.11 -0.29	41.17 1.07 -0.33	41.79 1.17 -0.15	43.20 1.42 0.00	48.57 1.55 0.00	52.74 1.53 0.00	51.80 1.46 0.00	50.40 1.37 0.00	44.23 1.04 0.00	37.92 0.78 0.00	34.15 0.60 0.00
WEST BABYLON___IC 23714	34.57 1.65 0.00	31.57 1.13 0.00	29.02 1.01 0.00	27.50 0.75 0.00	27.40 0.88 0.00	30.52 1.09 0.00	37.19 1.64 0.00	39.84 2.08 0.00	40.77 2.13 0.00	37.95 1.94 -0.15	39.34 2.66 -0.21	39.88 2.39 -0.72	40.73 2.33 -0.88	41.84 1.74 -0.50	42.08 1.75 -0.57	42.54 1.82 -0.26	43.69 1.92 0.01	49.18 2.16 0.01	53.19 2.00 0.01	51.99 1.66 0.01	50.54 1.52 0.01	44.45 1.25 0.00	39.04 1.89 0.00	34.82 1.27 0.00
WEST CANADA___HYD 24049	32.89 -0.03 0.00	30.39 -0.06 0.00	27.98 -0.03 0.00	26.73 -0.03 0.00	26.50 -0.03 0.00	29.41 -0.03 0.00	35.52 -0.04 0.00	37.73 -0.04 0.00	38.65 0.00 0.00	35.83 -0.04 0.00	36.42 -0.04 0.00	36.73 -0.04 0.00	37.49 -0.04 0.00	39.55 -0.04 0.00	39.72 -0.04 0.00	40.42 -0.04 0.00	41.78 0.00 0.00	47.02 0.00 0.00	51.20 0.00 0.00	50.34 0.00 0.00	49.02 0.00 0.00	43.16 -0.04 0.00	37.10 -0.04 0.00	33.48 -0.07 0.00
WESTERN_NY_WIND 24143	33.64 0.72 0.00	31.66 1.22 0.00	28.97 0.95 0.00	27.67 0.91 0.00	27.25 0.72 0.00	29.91 0.47 0.00	35.13 -0.43 0.00	37.30 -0.57 -0.10	38.45 -0.62 -0.42	36.15 0.29 0.00	36.75 0.29 0.00	37.36 0.59 0.00	38.32 0.79 0.00	40.78 1.19 0.00	41.11 1.35 0.00	41.51 1.05 0.00	42.74 0.96 0.00	47.88 0.85 -0.01	53.37 0.92 -1.24	52.69 1.21 -1.14	51.37 1.27 -1.07	44.67 1.47 0.00	38.66 1.52 0.00	35.66 2.11 0.00
WESTOVER___LESR 323668	33.05 0.13 0.00	30.72 0.27 0.00	28.21 0.20 0.00	27.00 0.24 0.00	26.66 0.13 0.00	29.52 0.09 0.00	35.56 0.00 0.00	38.40 0.04 -0.59	39.75 0.04 -1.07	36.56 0.22 -0.48	37.27 0.22 -0.59	37.55 0.29 -0.49	38.43 0.38 -0.53	40.65 0.51 -0.54	40.73 0.52 -0.45	41.47 0.45 -0.56	42.24 0.46 0.00	47.50 0.47 -0.01	53.22 0.46 -1.56	52.32 0.55 -1.43	50.90 0.54 -1.34	43.88 0.48 -0.21	37.86 0.45 -0.27	34.12 0.57 0.00
WETHRSFD_WT_PWR 323626	32.79 -0.13 0.00	30.96 0.52 0.00	28.26 0.25 0.00	27.24 0.48 0.00	26.66 0.13 0.00	29.26 -0.18 0.00	34.74 -0.82 0.00	37.70 -1.10 -1.03	41.25 -1.20 -3.80	35.82 -0.21 -0.17	36.34 -0.33 -0.21	36.76 -0.18 -0.17	37.75 0.04 -0.19	40.06 0.28 -0.19	40.28 0.36 -0.16	40.94 0.29 -0.20	41.89 0.08 -0.03	47.05 -0.05 -0.07	61.89 -0.15 -10.84	60.60 0.35 -9.90	58.47 0.15 -9.30	43.75 0.48 -0.07	37.91 0.67 -0.10	34.82 1.27 0.00
WHAVSTOR_138KV_BK127 55557	33.78 0.86 0.00	31.06 0.61 0.00	28.57 0.56 0.00	27.21 0.45 0.00	27.09 0.56 0.00	30.08 0.65 0.00	36.62 1.07 0.00	39.13 1.36 0.00	40.11 1.47 0.00	37.29 1.29 -0.13	38.00 1.35 -0.19	38.73 1.32 -0.63	39.73 1.43 -0.78	41.46 1.43 -0.45	41.66 1.39 -0.51	42.19 1.50 -0.23	43.58 1.80 0.00	48.86 1.83 0.00	52.89 1.69 0.00	51.80 1.46 0.00	50.30 1.27 0.00	44.24 1.04 0.00	38.00 0.85 0.00	34.15 0.60 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.78 0.86 0.00	31.06 0.61 0.00	28.57 0.56 0.00	27.21 0.45 0.00	27.09 0.56 0.00	30.08 0.65 0.00	36.62 1.07 0.00	39.13 1.36 0.00	40.11 1.47 0.00	37.29 1.29 -0.13	38.00 1.35 -0.19	38.73 1.32 -0.63	39.73 1.43 -0.78	41.46 1.43 -0.45	41.66 1.39 -0.51	42.19 1.50 -0.23	43.58 1.80 0.00	48.86 1.83 0.00	52.89 1.69 0.00	51.80 1.46 0.00	50.30 1.27 0.00	44.24 1.04 0.00	38.00 0.85 0.00	34.15 0.60 0.00
WHITEHAL_115KV_TB1 80871	34.27 1.35 0.00	31.63 1.19 0.00	29.11 1.09 0.00	27.75 0.99 0.00	27.56 1.03 0.00	30.70 1.27 0.00	36.87 1.32 0.00	39.39 1.62 0.00	40.19 1.55 0.00	36.89 1.15 0.12	36.95 0.66 0.16	36.77 0.55 0.55	37.42 0.56 0.67	39.64 0.44 0.39	39.72 0.40 0.44	40.79 0.53 0.20	42.49 0.71 0.00	48.29 1.27 0.00	53.45 2.25 0.00	52.86 2.52 0.00	51.52 2.50 0.00	45.19 1.99 0.00	38.74 1.60 0.00	34.85 1.31 0.00
WHITEPLN_13_KV_LOAD 356215	34.24 1.32 0.00	31.42 0.97 0.00	28.91 0.90 0.00	27.53 0.78 0.00	27.40 0.88 0.00	30.44 1.00 0.00	37.08 1.53 0.00	39.73 1.96 0.00	40.73 2.09 0.00	37.91 1.90 -0.15	38.72 2.04 -0.21	39.46 1.99 -0.71	40.50 2.10 -0.87	42.23 2.14 -0.50	42.44 2.11 -0.57	42.90 2.18 -0.26	44.33 2.55 0.00	49.70 2.68 0.00	53.76 2.56 0.00	52.66 2.32 0.00	51.08 2.06 0.00	44.93 1.73 0.00	38.55 1.41 0.00	34.59 1.04 0.00
WM_FLOYD_69_KV_BK2 356380	34.04 1.12 0.00	31.06 0.61 0.00	28.60 0.59 0.00	27.08 0.32 0.00	26.98 0.45 0.00	30.05 0.62 0.00	36.59 1.03 0.00	39.20 1.44 0.00	40.07 1.43 0.00	37.27 1.26 -0.15	38.72 2.04 -0.21	39.21 1.73 -0.72	40.06 1.65 -0.88	41.05 0.95 -0.50	41.29 0.95 -0.57	41.73 1.01 -0.26	42.90 1.13 0.01	48.47 1.46 0.01	52.42 1.23 0.01	51.24 0.91 0.01	49.80 0.78 0.01	43.80 0.60 0.00	38.40 1.26 0.00	34.22 0.67 0.00
WOODARD__115KV_TB2 355635	32.53 -0.40 0.00	30.14 -0.30 0.00	27.70 -0.31 0.00	26.49 -0.27 0.00	26.21 -0.32 0.00	29.05 -0.38 0.00	35.02 -0.53 0.00	37.95 -0.60 -0.78	39.03 -0.54 -0.92	36.24 -0.43 -0.81	37.05 -0.40 -0.99	37.22 -0.37 -0.82	38.07 -0.34 -0.88	40.22 -0.28 -0.90	40.19 -0.32 -0.75	41.00 -0.40 -0.94	41.32 -0.46 0.00	46.51 -0.52 0.00	50.69 -0.51 0.00	49.89 -0.45 0.00	48.58 -0.44 0.00	43.12 -0.43 -0.35	37.22 -0.37 -0.45	33.28 -0.27 0.00
WOODMERE_69_KV_BK1 55827	34.53 1.61 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.56 0.80 0.00	27.43 0.90 0.00	30.55 1.12 0.00	37.23 1.67 0.00	39.88 2.11 0.00	40.81 2.16 0.00	38.02 2.01 -0.15	39.26 2.59 -0.21	39.91 2.43 -0.72	40.81 2.40 -0.88	42.08 1.98 -0.50	42.32 1.99 -0.57	42.75 2.02 -0.26	43.99 2.21 0.01	49.42 2.40 0.01	53.40 2.20 0.01	52.25 1.91 0.01	50.73 1.72 0.01	44.67 1.47 0.00	38.96 1.82 0.00	34.79 1.24 0.00
YORK___WARBASSE 23770	34.43 1.51 0.00	31.60 1.16 0.00	29.05 1.04 0.00	27.61 0.86 0.00	27.48 0.96 0.00	30.41 0.97 0.00	37.05 1.49 0.00	39.65 1.89 0.00	40.69 2.05 0.00	37.77 1.76 -0.15	38.72 2.04 -0.21	39.54 2.06 -0.71	40.62 2.21 -0.88	42.31 2.22 -0.50	42.60 2.27 -0.57	43.11 2.39 -0.26	44.54 2.76 0.00	49.99 2.96 0.00	53.92 2.71 0.00	52.66 2.32 0.00	50.69 1.67 0.00	44.80 1.60 0.00	38.52 1.37 0.00	34.82 1.27 0.00