

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/26/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.41	30.49	28.29	27.80	28.35	32.39	39.75	41.63	43.00	42.95	42.85	42.97	41.09	43.80	42.42	45.50	51.22	59.20	56.25	54.73	50.17	42.10	39.16	36.22
24138	2.21	1.96	1.88	1.82	1.83	2.09	2.67	2.94	2.66	2.51	2.69	2.81	2.83	2.98	3.06	3.18	3.79	4.37	4.16	3.95	3.56	2.93	2.42	2.37
	-0.06	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.11	-0.67	-1.61	-5.73	-7.90	-5.28	-4.27	-3.76	-0.60	0.00	0.00
74TH STREET_GT_1	33.41	30.49	28.29	27.83	28.35	32.36	39.68	41.56	42.92	42.82	42.73	42.85	40.94	43.64	42.26	45.34	51.05	59.05	56.06	54.64	50.13	42.02	39.13	36.22
24260	2.21	1.96	1.88	1.84	1.83	2.06	2.60	2.86	2.58	2.39	2.57	2.69	2.68	2.82	2.90	3.01	3.63	4.22	3.98	3.86	3.51	2.85	2.39	2.37
	-0.06	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.11	-0.67	-1.61	-5.73	-7.89	-5.27	-4.27	-3.76	0.00	0.00	0.00
74TH STREET_GT_2	33.41	30.49	28.29	27.83	28.35	32.36	39.68	41.56	42.92	42.82	42.73	42.85	40.94	43.64	42.26	45.34	51.05	59.05	56.06	54.64	50.13	42.02	39.13	36.22
24261	2.21	1.96	1.88	1.84	1.83	2.06	2.60	2.86	2.58	2.39	2.57	2.69	2.68	2.82	2.90	3.01	3.63	4.22	3.98	3.86	3.51	2.85	2.39	2.37
	-0.06	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.11	-0.67	-1.61	-5.73	-7.89	-5.27	-4.27	-3.76	-0.60	0.00	0.00
ADK HUDSON___FALLS	33.88	31.28	28.32	27.83	28.40	32.39	39.90	41.36	43.20	43.47	43.21	43.13	40.90	42.37	41.25	43.40	44.57	50.50	50.46	50.28	46.25	41.50	39.20	36.01
24011	2.24	2.10	1.90	1.84	1.88	2.09	2.82	2.67	2.86	3.03	3.05	2.97	2.64	2.66	2.55	2.69	2.88	3.57	3.65	3.77	3.39	2.93	2.46	2.17
	-0.50	-0.73	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
ADK RESOURCE___RCVRY	34.02	31.43	28.48	27.98	28.56	32.58	40.16	41.60	43.52	43.84	43.57	43.49	41.21	42.69	41.48	43.68	44.90	50.88	50.88	50.65	46.59	41.77	39.46	36.22
23798	2.40	2.28	2.06	2.00	2.04	2.27	3.08	2.90	3.19	3.40	3.41	3.33	2.95	2.98	2.79	2.97	3.21	3.94	4.07	4.14	3.73	3.20	2.72	2.37
	-0.48	-0.71	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
ADK S GLENS___FALLS	33.88	31.28	28.32	27.83	28.40	32.39	39.90	41.36	43.20	43.47	43.21	43.13	40.90	42.37	41.25	43.40	44.57	50.50	50.46	50.28	46.25	41.50	39.20	36.01
24028	2.24	2.10	1.90	1.84	1.88	2.09	2.82	2.67	2.86	3.03	3.05	2.97	2.64	2.66	2.55	2.69	2.88	3.57	3.65	3.77	3.39	2.93	2.46	2.17
	-0.50	-0.73	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
ADK_NYS___DAM	33.83	31.37	27.95	27.46	28.06	32.03	39.12	40.63	41.99	42.06	41.72	41.68	39.52	41.38	40.16	42.57	44.64	50.81	50.01	49.57	45.73	40.63	38.28	35.34
23527	1.93	1.79	1.53	1.48	1.54	1.73	2.04	1.93	1.65	1.62	1.56	1.53	1.26	1.43	1.32	1.51	1.71	2.16	2.06	2.14	2.06	1.93	1.54	1.49
	-0.77	-1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.14	-0.35	-1.24	-1.71	-1.14	-0.92	-0.81	-0.13	0.00	0.00
AIR_PRODUCTS___DRP	30.62	27.43	26.78	26.37	26.89	30.67	37.56	39.00	40.50	40.60	40.32	40.32	38.34	39.83	38.85	40.87	42.03	47.41	47.27	47.02	43.37	39.03	36.92	34.09
24190	0.50	0.48	0.37	0.39	0.37	0.36	0.48	0.31	0.16	0.16	0.16	0.16	0.08	0.12	0.15	0.16	0.33	0.47	0.47	0.51	0.51	0.46	0.18	0.24
	1.01	1.49	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
AKWESSNE_115KV_BK	5.56	7.13	8.21	8.17	8.28	9.43	23.92	37.37	39.37	39.47	39.15	39.15	37.34	38.71	37.69	39.65	40.61	45.53	45.73	45.53	42.05	37.95	36.19	33.44
355683	-1.00	-0.88	-0.85	-0.81	-0.85	-1.00	-1.19	-1.32	-0.97	-0.97	-1.00	-1.00	-0.92	-0.99	-1.01	-1.06	-1.08	-1.41	-1.08	-0.98	-0.81	-0.62	-0.55	-0.41
	24.58	20.43	17.36	17.00	17.39	19.88	11.98	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	31.26	28.06	27.36	26.89	27.45	31.27	38.38	39.66	41.30	41.37	41.04	40.96	38.87	40.34	39.31	41.48	42.69	48.25	48.16	47.95	44.23	39.77	37.66	34.79
323833	1.12	1.08	0.95	0.91	0.93	0.97	1.30	0.97	0.97	0.93	0.88	0.80	0.61	0.63	0.62	0.77	1.00	1.31	1.36	1.44	1.37	1.20	0.92	0.95
	0.99	1.47	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_2_SOLAR	31.27	28.06	27.34	26.89	27.45	31.27	38.34	39.66	41.26	41.37	41.04	40.96	38.87	40.34	39.31	41.44	42.69	48.25	48.16	47.95	44.19	39.77	37.66	34.79
323834	1.12	1.08	0.92	0.91	0.93	0.97	1.26	0.97	0.93	0.93	0.88	0.80	0.61	0.63	0.62	0.73	1.00	1.31	1.36	1.44	1.33	1.20	0.92	0.95
	0.99	1.46	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	30.62	27.43	26.78	26.37	26.89	30.67	37.56	39.00	40.50	40.60	40.32	40.32	38.34	39.83	38.85	40.87	42.03	47.41	47.27	47.02	43.37	39.03	36.92	34.09
23571	0.50	0.48	0.37	0.39	0.37	0.36	0.48	0.31	0.16	0.16	0.16	0.16	0.08	0.12	0.15	0.16	0.33	0.47	0.47	0.51	0.51	0.46	0.18	0.24
	1.01	1.49	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___2 23572	30.62 0.50 1.01	27.43 0.48 1.49	26.78 0.37 0.00	26.37 0.39 0.00	26.89 0.37 0.00	30.67 0.36 0.00	37.56 0.48 0.00	39.00 0.31 0.00	40.50 0.16 0.00	40.60 0.16 0.00	40.32 0.16 0.00	40.32 0.16 0.00	38.34 0.08 0.00	39.83 0.12 0.00	38.85 0.15 0.00	40.87 0.16 0.00	42.03 0.33 0.00	47.41 0.47 0.00	47.27 0.47 0.00	47.02 0.51 0.00	43.37 0.51 0.00	39.03 0.46 0.00	36.92 0.18 0.00	34.09 0.24 0.00
ALBANY___3 23573	30.62 0.50 1.01	27.43 0.48 1.49	26.78 0.37 0.00	26.37 0.39 0.00	26.89 0.37 0.00	30.67 0.36 0.00	37.56 0.48 0.00	39.00 0.31 0.00	40.50 0.16 0.00	40.60 0.16 0.00	40.32 0.16 0.00	40.32 0.16 0.00	38.34 0.08 0.00	39.83 0.12 0.00	38.85 0.15 0.00	40.87 0.16 0.00	42.03 0.33 0.00	47.41 0.47 0.00	47.27 0.47 0.00	47.02 0.51 0.00	43.37 0.51 0.00	39.03 0.46 0.00	36.92 0.18 0.00	34.09 0.24 0.00
ALBANY___4 23574	30.62 0.50 1.01	27.43 0.48 1.49	26.78 0.37 0.00	26.37 0.39 0.00	26.89 0.37 0.00	30.67 0.36 0.00	37.56 0.48 0.00	39.00 0.31 0.00	40.50 0.16 0.00	40.60 0.16 0.00	40.32 0.16 0.00	40.32 0.16 0.00	38.34 0.08 0.00	39.83 0.12 0.00	38.85 0.15 0.00	40.87 0.16 0.00	42.03 0.33 0.00	47.41 0.47 0.00	47.27 0.47 0.00	47.02 0.51 0.00	43.37 0.51 0.00	39.03 0.46 0.00	36.92 0.18 0.00	34.09 0.24 0.00
ALBANY___LFGE 323615	31.95 0.81 0.00	29.21 0.77 0.00	27.05 0.63 0.00	26.60 0.62 0.00	27.16 0.64 0.00	30.97 0.67 0.00	37.93 0.85 0.00	39.39 0.70 0.00	40.94 0.61 0.00	41.05 0.61 0.00	40.80 0.64 0.00	40.80 0.64 0.00	38.80 0.54 0.00	40.30 0.60 0.00	39.24 0.54 0.00	41.32 0.61 0.00	42.48 0.79 0.00	47.97 1.03 0.00	47.79 0.98 0.00	47.53 1.02 0.00	43.85 0.99 0.00	39.42 0.85 0.00	37.29 0.55 0.00	34.42 0.57 0.00
ALCOA_PA_115KV_PL-6C 55860	6.45 -0.90 23.78	7.88 -0.80 19.76	8.85 -0.77 16.80	8.80 -0.73 16.45	8.92 -0.77 16.83	10.19 -0.88 19.23	24.45 -1.04 11.59	37.52 -1.16 0.01	39.57 -0.77 0.00	39.63 -0.81 0.00	39.31 -0.84 0.00	39.27 -0.88 0.00	37.46 -0.80 0.00	38.83 -0.87 0.00	37.77 -0.93 0.00	39.73 -0.98 0.00	40.65 -1.04 0.00	45.62 -1.31 0.00	45.82 -0.98 0.00	45.62 -0.88 0.00	42.13 -0.73 0.00	38.07 -0.50 0.00	36.33 -0.40 0.00	33.58 -0.27 0.00
ALCOA_RYNLDS___DRP 24188	6.45 -0.90 23.78	7.88 -0.80 19.76	8.85 -0.77 16.80	8.80 -0.73 16.45	8.92 -0.77 16.83	10.19 -0.88 19.23	24.45 -1.04 11.59	37.52 -1.16 0.01	39.57 -0.77 0.00	39.63 -0.81 0.00	39.31 -0.84 0.00	39.27 -0.88 0.00	37.46 -0.80 0.00	38.83 -0.87 0.00	37.77 -0.93 0.00	39.73 -0.98 0.00	40.65 -1.04 0.00	45.62 -1.31 0.00	45.82 -0.98 0.00	45.62 -0.88 0.00	42.13 -0.73 0.00	38.07 -0.50 0.00	36.33 -0.40 0.00	33.58 -0.27 0.00
ALCOA___DSASP 323711	6.45 -0.90 23.78	7.88 -0.80 19.76	8.85 -0.77 16.80	8.80 -0.73 16.45	8.92 -0.77 16.83	10.19 -0.88 19.23	24.46 -1.04 11.59	37.53 -1.16 0.01	39.57 -0.77 0.00	39.63 -0.81 0.00	39.31 -0.85 0.00	39.27 -0.88 0.00	37.46 -0.81 0.00	38.83 -0.87 0.00	37.77 -0.93 0.00	39.73 -0.98 0.00	40.48 -1.21 0.00	45.62 -1.31 0.00	45.82 -0.99 0.00	45.62 -0.89 0.00	42.13 -0.73 0.00	38.07 -0.50 0.00	36.33 -0.40 0.00	33.61 -0.24 0.00
ALLEGHENY___COGEN 23514	31.73 0.59 0.00	29.04 0.60 0.00	27.23 0.82 0.00	26.84 0.86 0.00	27.47 0.95 0.00	31.67 1.36 0.00	38.75 1.67 0.00	39.43 0.73 0.00	40.50 0.16 0.00	40.36 -0.08 0.00	39.88 -0.28 0.00	39.68 -0.48 0.00	37.84 -0.42 0.00	38.95 -0.76 0.00	37.96 -0.74 0.00	40.14 -0.57 0.00	42.07 0.37 0.00	47.27 0.33 0.00	47.79 0.98 0.00	47.62 1.11 0.00	43.24 0.38 0.00	38.42 -0.15 0.00	37.62 0.88 0.00	35.44 1.59 0.00
ALTAMONT_115KV_TB 2 55880	31.56 0.87 0.44	28.58 0.80 0.66	27.13 0.71 0.00	26.68 0.70 0.00	27.24 0.72 0.00	31.06 0.76 0.00	38.04 0.96 0.00	39.58 0.89 0.00	41.10 0.77 0.00	41.17 0.73 0.00	40.88 0.72 0.00	40.88 0.72 0.00	38.91 0.65 0.00	40.42 0.71 0.00	39.39 0.70 0.00	41.48 0.77 0.00	42.65 0.96 0.00	48.11 1.17 0.00	47.98 1.17 0.00	47.72 1.21 0.00	44.02 1.16 0.00	39.57 1.00 0.00	37.47 0.73 0.00	34.56 0.71 0.00
ALTONA_WT_PWR 323606	4.65 -2.12 24.37	6.23 -1.96 20.25	7.30 -1.90 17.21	7.25 -1.87 16.86	7.28 -1.99 17.25	8.51 -2.09 19.71	22.76 -2.45 11.87	35.90 -2.79 0.01	37.92 -2.42 0.00	38.13 -2.30 0.00	38.03 -2.13 0.00	38.31 -1.85 0.00	36.62 -1.64 0.00	37.84 -1.87 0.00	36.88 -1.82 0.00	38.88 -1.83 0.00	39.86 -1.83 0.00	44.59 -2.35 0.00	44.70 -2.11 0.00	44.51 -2.00 0.00	41.45 -1.41 0.00	37.49 -1.08 0.00	35.64 -1.10 0.00	32.97 -0.88 0.00
AMERICAN_REF_FUEL 24010	29.64 -1.49 0.00	27.19 -1.25 0.00	25.65 -0.77 0.00	25.23 -0.75 0.00	25.75 -0.77 0.00	29.64 -0.67 0.00	35.78 -1.30 0.00	37.26 -1.43 0.00	38.56 -1.77 0.00	38.62 -1.82 0.00	38.63 -1.53 0.00	38.67 -1.48 0.00	37.04 -1.23 0.00	38.04 -1.67 0.00	36.99 -1.70 0.00	39.04 -1.67 0.00	40.74 -0.96 0.00	45.01 -1.93 0.00	45.31 -1.50 0.00	44.88 -1.63 0.00	40.54 -2.32 0.00	35.99 -2.58 0.00	35.82 -0.92 0.00	33.07 -0.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.54 -0.59 0.00	28.04 -0.40 0.00	26.71 0.29 0.00	26.34 0.36 0.00	26.89 0.37 0.00	31.00 0.70 0.00	37.64 0.56 0.00	39.77 1.08 0.00	41.14 0.81 0.00	41.12 0.69 0.00	41.24 1.08 0.00	41.28 1.12 0.00	39.49 1.22 0.00	40.78 1.07 0.00	39.66 0.97 0.00	41.73 1.02 0.00	43.53 1.83 0.00	48.25 1.31 0.00	48.58 1.78 0.00	48.18 1.67 0.00	43.38 0.52 0.00	38.38 -0.19 0.00	37.95 1.21 0.00	34.76 0.91 0.00
ARTHUR KILL_GT_1 23520	33.57 2.37 -0.07	30.70 2.16 -0.09	28.48 2.06 -0.01	27.99 2.00 -0.01	28.57 2.04 -0.01	32.58 2.27 -0.01	39.60 2.52 0.00	41.12 2.44 0.01	42.34 2.02 0.01	42.25 1.82 0.01	42.20 2.05 0.01	42.28 2.13 0.01	40.44 2.18 0.01	43.15 2.34 -1.10	41.79 2.44 -0.66	44.76 2.44 -1.60	50.54 3.13 -5.72	58.53 3.71 -7.88	55.49 3.42 -5.27	54.02 3.25 -4.26	49.52 2.92 -3.75	41.51 2.35 -0.59	39.10 2.35 -0.01	36.36 2.50 -0.01
ARTHUR_KILL_2 23512	33.47 2.27 -0.07	30.61 2.08 -0.09	28.40 1.98 -0.01	27.94 1.95 -0.01	28.49 1.96 -0.01	32.52 2.21 -0.01	39.49 2.41 0.00	41.01 2.32 0.01	42.22 1.90 0.01	42.13 1.70 0.01	42.08 1.93 0.01	42.16 2.01 0.01	40.32 2.06 0.01	43.03 2.22 -1.10	41.68 2.32 -0.66	44.64 2.32 -1.60	50.37 2.96 -5.72	58.34 3.52 -7.88	55.30 3.23 -5.27	53.84 3.07 -4.26	49.35 2.75 -3.75	41.36 2.20 -0.59	38.95 2.20 -0.01	36.26 2.40 -0.01
ARTHUR_KILL_3 23513	33.13 1.93 -0.06	30.23 1.71 -0.09	28.05 1.64 0.00	27.54 1.56 0.00	28.11 1.59 0.00	32.06 1.76 0.00	39.30 2.22 0.00	41.21 2.51 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.36 2.21 0.00	40.48 2.22 0.00	43.20 2.38 -1.11	41.80 2.44 -0.67	44.89 2.57 -1.61	50.59 3.17 -5.73	58.54 3.71 -7.89	55.59 3.51 -5.28	54.13 3.35 -4.27	49.66 3.04 -3.76	41.60 2.43 -0.60	38.76 2.02 0.00	35.91 2.07 0.00

ARTHUR_KILL_COGEN 323718	33.57 2.37 -0.07	30.70 2.16 -0.09	28.48 2.06 -0.01	27.99 2.00 -0.01	28.57 2.04 -0.01	32.58 2.27 -0.01	39.60 2.52 0.00	41.12 2.44 0.01	42.34 2.02 0.01	42.25 1.82 0.01	42.20 2.05 0.01	42.28 2.13 0.01	40.44 2.18 0.01	43.15 2.34 -1.10	41.79 2.44 -0.66	44.76 2.44 -1.60	50.54 3.13 -5.72	58.53 3.71 -7.88	55.49 3.42 -5.27	54.02 3.25 -4.26	49.52 2.92 -3.75	41.51 2.35 -0.59	39.10 2.35 -0.01	36.36 2.50 -0.01
ASHOKAN____ 23654	32.29 1.87 0.71	29.13 1.74 1.05	27.55 1.14 0.00	27.15 1.17 0.00	27.71 1.19 0.00	31.48 1.18 0.00	38.75 1.67 0.00	39.85 1.16 0.00	41.54 1.21 0.00	41.49 1.05 0.00	41.12 0.96 0.00	40.96 0.80 0.00	38.91 0.65 0.00	40.10 0.40 0.00	39.28 0.58 0.00	41.44 0.73 0.00	43.94 2.25 0.00	48.53 1.60 0.00	48.68 1.87 0.00	48.28 1.77 0.00	44.45 1.59 0.00	39.81 1.23 0.00	37.69 0.95 0.00	35.00 1.15 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.51 2.30 -0.07	30.61 2.08 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.49 1.96 -0.01	32.39 2.09 0.00	39.49 2.41 0.00	41.29 2.59 0.00	42.42 2.10 0.01	42.33 1.90 0.01	42.24 2.09 0.01	42.28 2.13 0.01	40.44 2.18 0.01	43.15 2.34 -1.10	41.79 2.44 -0.66	44.80 2.48 -1.60	50.54 3.13 -5.72	58.58 3.76 -7.88	55.54 3.46 -5.27	54.02 3.25 -4.26	49.52 2.92 -3.75	41.51 2.35 -0.59	38.87 2.13 0.00	36.36 2.50 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	33.51 2.30 -0.07	30.61 2.08 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.49 1.96 -0.01	32.39 2.09 0.00	39.49 2.41 0.00	41.29 2.59 0.00	42.42 2.10 0.01	42.33 1.90 0.01	42.24 2.09 0.01	42.28 2.13 0.01	40.44 2.18 0.01	43.15 2.34 -1.10	41.79 2.44 -0.66	44.80 2.48 -1.60	50.54 3.13 -5.72	58.58 3.76 -7.88	55.54 3.46 -5.27	54.02 3.25 -4.26	49.52 2.92 -3.75	41.51 2.35 -0.59	38.87 2.13 0.00	36.36 2.50 -0.01
ASTORIA_GT2_1 24094	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT2_2 24095	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT2_3 24096	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT2_4 24097	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT3_1 24098	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT3_2 24099	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT3_3 24100	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT3_4 24101	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT4_1 24102	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT4_2 24103	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT4_3 24104	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01

ASTORIA_GT4_4 24105	33.51 2.30 -0.07	30.61 2.08 -0.09	28.42 2.01 0.00	27.96 1.97 -0.01	28.48 1.96 0.00	32.42 2.12 0.00	39.49 2.41 0.00	41.21 2.52 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.33 2.17 0.00	40.44 2.18 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.85 2.52 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.98 2.24 0.00	36.40 2.54 -0.01
ASTORIA_GT_1 23523	33.57 2.37 -0.07	30.67 2.13 -0.09	28.48 2.06 -0.01	27.99 2.00 -0.01	28.54 2.01 -0.01	32.49 2.18 0.00	39.60 2.52 0.00	41.40 2.71 0.00	42.54 2.22 0.01	42.45 2.02 0.01	42.36 2.21 0.01	42.40 2.25 0.01	40.55 2.30 0.01	43.27 2.46 -1.10	41.91 2.55 -0.66	44.92 2.61 -1.60	50.71 3.29 -5.72	58.71 3.89 -7.88	55.68 3.60 -5.27	54.16 3.39 -4.26	49.65 3.04 -3.75	41.63 2.47 -0.59	38.98 2.24 0.00	36.46 2.61 -0.01
ASTORIA_GT_10 24110	33.38 2.18 -0.07	30.47 1.93 -0.09	28.26 1.85 0.00	27.81 1.82 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.25 2.55 0.00	42.59 2.26 0.00	42.46 2.02 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.52 2.26 0.00	43.24 2.42 -1.11	41.88 2.52 -0.67	44.89 2.56 -1.61	50.63 3.21 -5.73	58.54 3.71 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.62 3.00 -3.76	41.60 2.43 -0.60	38.91 2.17 0.00	36.15 2.30 0.00
ASTORIA_GT_11 24225	33.38 2.18 -0.07	30.47 1.93 -0.09	28.26 1.85 0.00	27.81 1.82 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.25 2.55 0.00	42.59 2.26 0.00	42.46 2.02 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.52 2.26 0.00	43.24 2.42 -1.11	41.88 2.52 -0.67	44.89 2.56 -1.61	50.63 3.21 -5.73	58.54 3.71 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.62 3.00 -3.76	41.60 2.43 -0.60	38.91 2.17 0.00	36.15 2.30 0.00
ASTORIA_GT_12 24226	33.38 2.18 -0.07	30.47 1.93 -0.09	28.26 1.85 0.00	27.81 1.82 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.25 2.55 0.00	42.59 2.26 0.00	42.46 2.02 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.52 2.26 0.00	43.24 2.42 -1.11	41.88 2.52 -0.67	44.89 2.56 -1.61	50.63 3.21 -5.73	58.54 3.71 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.62 3.00 -3.76	41.60 2.43 -0.60	38.91 2.17 0.00	36.15 2.30 0.00
ASTORIA_GT_13 24227	33.38 2.18 -0.07	30.47 1.93 -0.09	28.26 1.85 0.00	27.81 1.82 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.25 2.55 0.00	42.59 2.26 0.00	42.46 2.02 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.52 2.26 0.00	43.24 2.42 -1.11	41.88 2.52 -0.67	44.89 2.56 -1.61	50.63 3.21 -5.73	58.54 3.71 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.62 3.00 -3.76	41.60 2.43 -0.60	38.91 2.17 0.00	36.15 2.30 0.00
ASTORIA_GT_5 24106	33.57 2.37 -0.07	30.67 2.13 -0.09	28.47 2.06 0.00	28.02 2.03 -0.01	28.54 2.02 0.00	32.48 2.18 0.00	39.56 2.48 0.00	41.28 2.59 0.00	42.55 2.22 0.00	42.46 2.02 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.56 2.30 0.00	43.28 2.46 -1.11	41.92 2.55 -0.67	44.93 2.61 -1.61	50.72 3.29 -5.73	58.72 3.90 -7.89	55.68 3.60 -5.27	54.22 3.44 -4.27	49.70 3.09 -3.76	41.64 2.47 -0.60	39.05 2.31 0.00	36.46 2.61 -0.01
ASTORIA_GT_7 24107	33.57 2.37 -0.07	30.67 2.13 -0.09	28.47 2.06 0.00	28.02 2.03 -0.01	28.54 2.02 0.00	32.48 2.18 0.00	39.56 2.48 0.00	41.28 2.59 0.00	42.55 2.22 0.00	42.46 2.02 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.56 2.30 0.00	43.28 2.46 -1.11	41.92 2.55 -0.67	44.93 2.61 -1.61	50.72 3.29 -5.73	58.72 3.90 -7.89	55.68 3.60 -5.27	54.22 3.44 -4.27	49.70 3.09 -3.76	41.64 2.47 -0.60	39.05 2.31 0.00	36.46 2.61 -0.01
ASTORIA_GT_8 24108	33.57 2.37 -0.07	30.67 2.13 -0.09	28.47 2.06 0.00	28.02 2.03 -0.01	28.54 2.02 0.00	32.48 2.18 0.00	39.56 2.48 0.00	41.28 2.59 0.00	42.55 2.22 0.00	42.46 2.02 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.56 2.30 0.00	43.28 2.46 -1.11	41.92 2.55 -0.67	44.93 2.61 -1.61	50.72 3.29 -5.73	58.72 3.90 -7.89	55.68 3.60 -5.27	54.22 3.44 -4.27	49.70 3.09 -3.76	41.64 2.47 -0.60	39.05 2.31 0.00	36.46 2.61 -0.01
ASTORIA___2 24149	33.51 2.30 -0.07	30.61 2.08 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.49 1.96 -0.01	32.42 2.12 0.00	39.53 2.45 0.00	41.32 2.63 0.00	42.42 2.10 0.01	42.33 1.90 0.01	42.28 2.13 0.01	42.28 2.13 0.01	40.44 2.18 0.01	43.19 2.38 -1.10	41.83 2.48 -0.66	44.84 2.53 -1.60	50.58 3.17 -5.72	58.58 3.76 -7.88	55.58 3.51 -5.27	54.07 3.30 -4.26	49.52 2.92 -3.75	41.51 2.35 -0.59	38.87 2.13 0.00	36.40 2.54 -0.01
ASTORIA___3 23516	33.38 2.18 -0.07	30.47 1.94 -0.09	28.26 1.85 0.00	27.78 1.79 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.32 2.63 0.00	42.55 2.22 0.00	42.46 2.02 0.00	42.36 2.21 0.00	42.36 2.21 0.00	40.52 2.26 0.00	43.24 2.42 -1.11	41.88 2.51 -0.67	44.89 2.57 -1.61	50.59 3.17 -5.73	58.53 3.71 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.87 2.13 0.00	36.15 2.30 0.00
ASTORIA___4 23517	33.38 2.18 -0.07	30.47 1.93 -0.09	28.26 1.85 0.00	27.81 1.82 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.25 2.55 0.00	42.59 2.26 0.00	42.46 2.02 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.52 2.26 0.00	43.24 2.42 -1.11	41.88 2.52 -0.67	44.89 2.56 -1.61	50.63 3.21 -5.73	58.54 3.71 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.62 3.00 -3.76	41.60 2.43 -0.60	38.91 2.17 0.00	36.15 2.30 0.00
ASTORIA___5 23518	33.38 2.18 -0.07	30.47 1.94 -0.09	28.26 1.85 0.00	27.78 1.79 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.32 2.63 0.00	42.55 2.22 0.00	42.46 2.02 0.00	42.36 2.21 0.00	42.36 2.21 0.00	40.52 2.26 0.00	43.24 2.42 -1.11	41.88 2.51 -0.67	44.89 2.57 -1.61	50.59 3.17 -5.73	58.53 3.71 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.87 2.13 0.00	36.15 2.30 0.00
AST_ENERGY_2_CC3 323677	33.25 2.05 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.67 1.69 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.46 2.38 0.00	41.36 2.67 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.57 2.41 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	41.99 2.63 -0.67	45.05 2.73 -1.61	50.76 3.34 -5.73	58.72 3.89 -7.89	55.78 3.70 -5.28	54.31 3.53 -4.27	49.83 3.22 -3.76	41.79 2.62 -0.60	38.91 2.17 0.00	36.05 2.20 0.00
AST_ENERGY_2_CC4 323678	33.25 2.05 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.67 1.69 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.46 2.38 0.00	41.36 2.67 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.57 2.41 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	41.99 2.63 -0.67	45.05 2.73 -1.61	50.76 3.34 -5.73	58.72 3.89 -7.89	55.78 3.70 -5.28	54.31 3.53 -4.27	49.83 3.22 -3.76	41.79 2.62 -0.60	38.91 2.17 0.00	36.05 2.20 0.00

ATHENS_STG_1 23668	32.07 0.93 0.00	29.33 0.88 0.00	27.21 0.79 0.00	26.76 0.78 0.00	27.31 0.79 0.00	31.15 0.85 0.00	38.12 1.04 0.00	39.77 1.08 0.00	41.18 0.85 0.00	41.20 0.77 0.00	41.00 0.84 0.00	41.00 0.84 0.00	39.07 0.80 0.00	40.88 0.91 -0.25	39.78 0.93 -0.15	42.06 0.98 -0.37	44.21 1.21 -1.31	50.15 1.41 -1.80	49.37 1.36 -1.21	48.83 1.35 -0.98	45.00 1.28 -0.86	39.79 1.08 -0.14	37.55 0.81 0.00	34.70 0.85 0.00
ATHENS_STG_2 23670	32.07 0.93 0.00	29.33 0.88 0.00	27.21 0.79 0.00	26.76 0.78 0.00	27.31 0.79 0.00	31.15 0.85 0.00	38.12 1.04 0.00	39.77 1.08 0.00	41.18 0.85 0.00	41.20 0.77 0.00	41.00 0.84 0.00	41.00 0.84 0.00	39.07 0.80 0.00	40.88 0.91 -0.25	39.78 0.93 -0.15	42.06 0.98 -0.37	44.21 1.21 -1.31	50.15 1.41 -1.80	49.37 1.36 -1.21	48.83 1.35 -0.98	45.00 1.28 -0.86	39.79 1.08 -0.14	37.55 0.81 0.00	34.70 0.85 0.00
ATHENS_STG_3 23677	32.07 0.93 0.00	29.33 0.88 0.00	27.21 0.79 0.00	26.76 0.78 0.00	27.31 0.79 0.00	31.15 0.85 0.00	38.12 1.04 0.00	39.77 1.08 0.00	41.18 0.85 0.00	41.20 0.77 0.00	41.00 0.84 0.00	41.00 0.84 0.00	39.07 0.80 0.00	40.88 0.91 -0.25	39.78 0.93 -0.15	42.06 0.98 -0.37	44.21 1.21 -1.31	50.15 1.41 -1.80	49.37 1.36 -1.21	48.83 1.35 -0.98	45.00 1.28 -0.86	39.79 1.08 -0.14	37.55 0.81 0.00	34.70 0.85 0.00
AUBURN___LFGE 323710	31.26 0.12 0.00	28.56 0.11 0.00	26.60 0.18 0.00	26.14 0.16 0.00	26.71 0.19 0.00	30.61 0.30 0.00	37.41 0.33 0.00	39.23 0.54 0.00	40.74 0.40 0.00	40.96 0.53 0.00	40.64 0.48 0.00	40.60 0.44 0.00	38.68 0.42 0.00	40.10 0.40 0.00	39.04 0.35 0.00	41.08 0.37 0.00	41.94 0.25 0.00	47.50 0.56 0.00	47.60 0.80 0.00	47.21 0.70 0.00	43.29 0.43 0.00	38.76 0.19 0.00	37.22 0.48 0.00	34.15 0.30 0.00
BABYLON_RES_REC 323704	37.70 2.34 -4.23	33.34 2.13 -2.77	32.37 2.03 -3.93	31.65 1.95 -3.72	32.62 2.01 -4.08	36.56 2.24 -4.02	39.75 2.67 0.00	41.32 2.63 0.00	42.51 2.18 0.00	42.42 1.98 0.00	42.61 2.45 0.00	43.02 2.85 -0.01	40.98 2.72 0.00	43.77 2.94 -1.12	42.42 3.06 -0.67	45.43 3.09 -1.63	51.10 3.63 -5.78	59.22 4.32 -7.96	56.34 4.21 -5.32	54.86 4.04 -4.31	50.25 3.60 -3.79	42.96 3.20 -1.19	38.87 2.13 0.00	36.82 2.47 -0.50
BABYLON___69_KV_BK2 356345	37.91 2.55 -4.22	33.50 2.30 -2.76	32.55 2.22 -3.92	31.85 2.16 -3.72	32.77 2.17 -4.07	36.77 2.45 -4.01	40.01 2.93 0.00	41.71 3.02 0.00	43.04 2.70 0.00	42.82 2.39 0.00	43.01 2.85 0.00	43.53 3.37 0.00	41.48 3.21 0.00	44.24 3.41 -1.12	42.89 3.52 -0.67	45.88 3.54 -1.63	51.48 4.00 -5.78	59.55 4.65 -7.96	56.72 4.59 -5.32	55.23 4.42 -4.31	50.81 4.16 -3.79	43.42 3.66 -1.18	39.24 2.50 0.00	37.08 2.74 -0.49
BALL_HILL_WT_PWR 323825	30.54 -0.59 0.00	28.07 -0.37 0.00	26.57 0.16 0.00	26.16 0.18 0.00	26.71 0.19 0.00	30.73 0.42 0.00	37.19 0.11 0.00	39.19 0.50 0.00	40.54 0.20 0.00	40.56 0.12 0.00	40.60 0.44 0.00	40.64 0.48 0.00	38.91 0.65 0.00	40.10 0.40 0.00	39.00 0.31 0.00	41.16 0.45 0.00	42.90 1.21 0.00	47.55 0.61 0.00	47.88 1.08 0.00	47.44 0.93 0.00	42.77 -0.09 0.00	37.88 -0.69 0.00	37.47 0.73 0.00	34.42 0.57 0.00
BARON_WINDS___WT_PWR 323822	30.98 -0.15 0.00	28.41 -0.03 0.00	26.71 0.29 0.00	26.29 0.31 0.00	26.86 0.34 0.00	30.85 0.55 0.00	37.56 0.48 0.00	39.43 0.73 0.00	40.82 0.49 0.00	40.92 0.49 0.00	40.76 0.60 0.00	40.80 0.64 0.00	38.91 0.65 0.00	40.22 0.51 0.00	39.16 0.47 0.00	41.28 0.57 0.00	42.86 1.17 0.00	47.83 0.89 0.00	48.07 1.26 0.00	47.67 1.16 0.00	43.33 0.47 0.00	38.53 -0.04 0.00	37.55 0.81 0.00	34.56 0.71 0.00
BARRETT_IC_1 23704	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT_IC_10 23701	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT_IC_11 23702	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT_IC_12 23703	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT_IC_2 23705	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT_IC_3 23706	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT_IC_4 23707	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50

BARRETT_IC_5 23708	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT_IC_6 23709	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT_IC_7 23710	37.63 2.27 -4.22	33.25 2.05 -2.76	32.29 1.95 -3.92	31.67 1.97 -3.72	32.53 1.94 -4.07	36.49 2.18 -4.01	39.38 2.30 0.00	40.94 2.24 0.00	42.31 1.98 0.00	42.18 1.74 0.00	42.28 2.13 0.00	42.65 2.49 0.00	40.67 2.41 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.99 2.65 -1.63	50.64 3.17 -5.78	58.56 3.66 -7.96	55.69 3.56 -5.32	54.26 3.44 -4.31	49.82 3.17 -3.79	42.49 2.74 -1.18	39.05 2.31 0.00	36.81 2.47 -0.49
BARRETT_IC_8 23711	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT_IC_9 23700	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT___1 23545	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BARRETT___2 23546	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.65 1.95 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.38 2.30 0.00	40.90 2.20 0.00	42.15 1.82 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.61 2.45 -0.01	40.64 2.37 0.00	43.37 2.54 -1.12	42.00 2.63 -0.67	44.98 2.64 -1.63	50.64 3.17 -5.78	58.66 3.76 -7.96	55.78 3.65 -5.32	54.31 3.49 -4.31	49.74 3.09 -3.79	42.46 2.70 -1.19	38.98 2.24 0.00	36.82 2.47 -0.50
BATAVIA__115KV_TB1 55881	30.70 -0.44 0.00	28.13 -0.31 0.00	26.47 0.05 0.00	25.88 -0.10 0.00	26.65 0.13 0.00	30.73 0.42 0.00	37.23 0.15 0.00	39.04 0.35 0.00	40.30 -0.04 0.00	40.52 0.08 0.00	40.48 0.32 0.00	40.24 0.08 0.00	38.65 0.38 0.00	39.71 0.00 0.00	38.54 -0.15 0.00	40.67 -0.04 0.00	41.07 -0.63 0.00	47.08 0.14 0.00	47.46 0.66 0.00	46.83 0.33 0.00	42.26 -0.60 0.00	37.53 -1.04 0.00	37.25 0.51 0.00	34.32 0.47 0.00
BAYONEEC___CTG1 323682	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.78 3.70 -5.28	54.27 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00
BAYONEEC___CTG10 323750	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.78 3.70 -5.28	54.27 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00
BAYONEEC___CTG2 323683	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.78 3.70 -5.28	54.27 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00
BAYONEEC___CTG3 323684	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.78 3.70 -5.28	54.27 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00
BAYONEEC___CTG4 323685	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.78 3.70 -5.28	54.27 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00
BAYONEEC___CTG5 323686	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.78 3.70 -5.28	54.27 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00
BAYONEEC___CTG6 323687	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.78 3.70 -5.28	54.27 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00

BAYONEEC___CTG7 323688	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.78 3.70 -5.28	54.27 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00
BAYONEEC___CTG8 323689	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.78 3.70 -5.28	54.27 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00
BAYONEEC___CTG9 323749	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.78 3.70 -5.28	54.27 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00
BEACON___LESR 323632	30.39 1.03 1.77	26.80 0.97 2.61	27.23 0.82 0.00	26.76 0.78 0.00	27.31 0.79 0.00	31.15 0.85 0.00	38.23 1.15 0.00	39.62 0.93 0.00	41.22 0.89 0.00	41.33 0.89 0.00	41.08 0.92 0.00	41.04 0.88 0.00	38.99 0.73 0.00	40.46 0.75 0.00	39.39 0.70 0.00	41.53 0.81 0.00	42.69 1.00 0.00	48.30 1.36 0.00	48.16 1.36 0.00	47.90 1.39 0.00	44.14 1.28 0.00	39.69 1.12 0.00	37.51 0.77 0.00	34.66 0.81 0.00
BEAVER RIVER___HYD 24048	24.25 0.03 6.92	22.67 -0.03 5.75	21.48 -0.05 4.89	21.17 -0.03 4.79	21.68 0.05 4.90	24.86 0.15 5.59	34.27 0.56 3.37	39.42 0.73 0.00	41.43 1.09 0.00	41.57 1.13 0.00	40.96 0.80 0.00	40.80 0.64 0.00	38.61 0.34 0.00	40.02 0.32 0.00	38.81 0.12 0.00	40.83 0.12 0.00	41.78 0.08 0.00	47.27 0.33 0.00	47.41 0.61 0.00	47.30 0.79 0.00	43.54 0.68 0.00	39.30 0.73 0.00	37.66 0.92 0.00	34.46 0.61 0.00
BEEBEE_GT_13 23619	30.61 -0.53 0.00	28.04 -0.40 0.00	26.23 -0.18 0.00	25.72 -0.26 0.00	26.41 -0.11 0.00	30.39 0.09 0.00	36.86 -0.22 0.00	38.58 -0.12 0.00	39.97 -0.36 0.00	40.28 -0.16 0.00	40.12 -0.04 0.00	39.96 -0.20 0.00	38.34 0.08 0.00	39.43 -0.28 0.00	38.35 -0.35 0.00	40.39 -0.33 0.00	40.90 -0.79 0.00	46.70 -0.23 0.00	46.90 0.09 0.00	46.32 -0.19 0.00	42.05 -0.81 0.00	37.49 -1.08 0.00	36.81 0.07 0.00	33.92 0.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.69 2.49 -0.07	30.75 2.22 -0.09	28.54 2.11 -0.01	28.07 2.08 -0.01	28.60 2.07 -0.01	32.61 2.30 -0.01	39.86 2.78 0.00	41.52 2.82 0.00	42.84 2.50 0.00	42.70 2.26 0.00	42.69 2.53 0.00	42.77 2.61 0.00	40.90 2.64 0.00	43.64 2.82 -1.11	42.26 2.90 -0.67	45.26 2.93 -1.61	51.09 3.67 -5.73	59.05 4.22 -7.89	56.06 3.98 -5.27	54.59 3.81 -4.27	50.04 3.43 -3.76	41.95 2.78 -0.60	39.39 2.65 -0.01	36.53 2.67 -0.01
BETHLEHEM___GRP 23843	30.62 0.50 1.01	27.43 0.48 1.49	26.78 0.37 0.00	26.37 0.39 0.00	26.89 0.37 0.00	30.67 0.36 0.00	37.56 0.48 0.00	39.00 0.31 0.00	40.50 0.16 0.00	40.60 0.16 0.00	40.32 0.16 0.00	40.32 0.16 0.00	38.34 0.08 0.00	39.83 0.12 0.00	38.85 0.15 0.00	40.87 0.16 0.00	42.03 0.33 0.00	47.41 0.47 0.00	47.27 0.47 0.00	47.02 0.51 0.00	43.37 0.51 0.00	39.03 0.46 0.00	36.92 0.18 0.00	34.09 0.24 0.00
BETHLEHEM___GS1 323560	30.62 0.50 1.01	27.43 0.48 1.49	26.78 0.37 0.00	26.34 0.36 0.00	26.89 0.37 0.00	30.67 0.36 0.00	37.56 0.48 0.00	39.00 0.31 0.00	40.50 0.16 0.00	40.60 0.16 0.00	40.32 0.16 0.00	40.32 0.16 0.00	38.34 0.08 0.00	39.83 0.12 0.00	38.81 0.12 0.00	40.87 0.16 0.00	42.03 0.33 0.00	47.41 0.47 0.00	47.27 0.47 0.00	46.97 0.47 0.00	43.38 0.52 0.00	39.00 0.43 0.00	36.89 0.15 0.00	34.09 0.24 0.00
BETHLEHEM___GS2 323561	30.62 0.50 1.01	27.43 0.48 1.49	26.78 0.37 0.00	26.34 0.36 0.00	26.89 0.37 0.00	30.67 0.36 0.00	37.56 0.48 0.00	39.00 0.31 0.00	40.50 0.16 0.00	40.60 0.16 0.00	40.32 0.16 0.00	40.32 0.16 0.00	38.34 0.08 0.00	39.83 0.12 0.00	38.81 0.12 0.00	40.87 0.16 0.00	42.03 0.33 0.00	47.41 0.47 0.00	47.27 0.47 0.00	46.97 0.47 0.00	43.38 0.52 0.00	39.00 0.43 0.00	36.89 0.15 0.00	34.09 0.24 0.00
BETHLEHEM___GS3 323562	30.62 0.50 1.01	27.43 0.48 1.49	26.78 0.37 0.00	26.34 0.36 0.00	26.89 0.37 0.00	30.67 0.36 0.00	37.56 0.48 0.00	39.00 0.31 0.00	40.50 0.16 0.00	40.60 0.16 0.00	40.32 0.16 0.00	40.32 0.16 0.00	38.34 0.08 0.00	39.83 0.12 0.00	38.81 0.12 0.00	40.87 0.16 0.00	42.03 0.33 0.00	47.41 0.47 0.00	47.27 0.47 0.00	46.97 0.47 0.00	43.38 0.52 0.00	39.00 0.43 0.00	36.89 0.15 0.00	34.09 0.24 0.00
BETHLEHEM___STEEL 23779	30.51 -0.62 0.00	28.02 -0.43 0.00	26.44 0.03 0.00	25.82 -0.16 0.00	26.60 0.08 0.00	30.61 0.30 0.00	36.97 -0.11 0.00	38.85 0.15 0.00	40.09 -0.24 0.00	40.24 -0.20 0.00	40.32 0.16 0.00	40.28 0.12 0.00	38.61 0.34 0.00	39.79 0.08 0.00	38.58 -0.12 0.00	40.79 0.08 0.00	41.11 -0.58 0.00	47.08 0.14 0.00	47.41 0.61 0.00	46.79 0.28 0.00	42.13 -0.73 0.00	37.38 -1.20 0.00	37.11 0.37 0.00	34.25 0.41 0.00
BETHLHEM_115KV_TB1 79974	30.76 0.56 0.93	27.60 0.54 1.38	26.86 0.45 0.00	26.42 0.44 0.00	26.94 0.42 0.00	30.73 0.42 0.00	37.64 0.56 0.00	39.12 0.43 0.00	40.62 0.28 0.00	40.68 0.24 0.00	40.44 0.28 0.00	40.44 0.28 0.00	38.45 0.19 0.00	39.95 0.24 0.00	38.97 0.27 0.00	41.00 0.28 0.00	42.15 0.46 0.00	47.55 0.61 0.00	47.41 0.61 0.00	47.16 0.65 0.00	43.50 0.64 0.00	39.11 0.54 0.00	37.00 0.26 0.00	34.19 0.34 0.00
BETHPAGE_CC_5 323564	37.58 2.21 -4.23	33.23 2.02 -2.77	32.30 1.95 -3.93	31.60 1.90 -3.72	32.51 1.91 -4.08	36.44 2.12 -4.02	39.49 2.41 0.00	41.01 2.32 0.00	42.23 1.90 0.00	42.18 1.74 0.00	42.40 2.25 0.00	42.77 2.61 -0.01	40.75 2.49 0.00	43.53 2.70 -1.12	42.16 2.79 -0.67	45.15 2.81 -1.63	50.77 3.29 -5.78	58.84 3.94 -7.96	55.97 3.84 -5.32	54.49 3.67 -4.31	49.91 3.26 -3.79	42.66 2.89 -1.19	38.65 1.91 0.00	36.68 2.33 -0.50
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.58 -0.56 0.00	28.07 -0.37 0.00	26.55 0.13 0.00	25.90 -0.08 0.00	26.68 0.16 0.00	30.70 0.39 0.00	37.12 0.04 0.00	39.04 0.35 0.00	40.30 -0.04 0.00	40.44 0.00 0.00	40.52 0.36 0.00	40.48 0.32 0.00	38.84 0.57 0.00	40.03 0.32 0.00	38.81 0.12 0.00	41.04 0.33 0.00	41.36 -0.33 0.00	47.36 0.42 0.00	47.70 0.89 0.00	47.07 0.56 0.00	42.35 -0.51 0.00	37.57 -1.00 0.00	37.25 0.51 0.00	34.39 0.54 0.00

BINGHAMTON___COGEN 23790	31.48 0.34 0.00	28.78 0.34 0.00	26.86 0.45 0.00	26.40 0.42 0.00	27.00 0.48 0.00	30.91 0.61 0.00	37.71 0.63 0.00	39.62 0.93 0.00	41.06 0.73 0.00	41.25 0.81 0.00	41.00 0.84 0.00	41.00 0.84 0.00	39.07 0.80 0.00	40.50 0.79 0.00	39.47 0.77 0.00	41.57 0.85 0.00	42.49 0.79 0.00	48.11 1.17 0.00	48.16 1.36 0.00	47.76 1.26 0.00	43.72 0.86 0.00	39.11 0.54 0.00	37.55 0.81 0.00	34.49 0.64 0.00
BIXINCNT_115KV_LOAD 355685	30.48 -0.65 0.00	28.22 -0.23 0.00	26.70 0.29 0.00	26.11 0.13 0.00	26.94 0.42 0.00	30.97 0.67 0.00	37.56 0.48 0.00	39.85 1.16 0.00	41.10 0.77 0.00	41.17 0.73 0.00	41.20 1.04 0.00	41.12 0.96 0.00	39.37 1.11 0.00	40.66 0.95 0.00	39.43 0.74 0.00	41.69 0.98 0.00	42.11 0.42 0.00	48.25 1.31 0.00	48.63 1.83 0.00	48.04 1.53 0.00	43.20 0.34 0.00	38.30 -0.27 0.00	37.88 1.14 0.00	34.90 1.05 0.00
BLACK RIVER___HYD 24047	26.85 0.59 4.88	24.84 0.45 4.05	23.39 0.42 3.45	23.05 0.44 3.37	23.57 0.50 3.45	27.06 0.70 3.94	35.97 1.26 2.38	40.16 1.47 0.00	41.99 1.65 0.00	42.18 1.74 0.00	41.48 1.32 0.00	41.28 1.12 0.00	39.07 0.80 0.00	40.54 0.84 0.00	39.24 0.54 0.00	41.28 0.57 0.00	42.32 0.63 0.00	47.92 0.99 0.00	48.12 1.31 0.00	48.04 1.53 0.00	44.14 1.28 0.00	39.77 1.20 0.00	38.17 1.43 0.00	34.83 0.98 0.00
BLACKRVR_115KV_TB2 79977	26.85 0.59 4.88	24.84 0.46 4.05	23.39 0.42 3.45	23.02 0.42 3.37	23.57 0.50 3.45	27.05 0.70 3.94	35.96 1.26 2.38	40.16 1.47 0.00	41.99 1.65 0.00	42.18 1.74 0.00	41.48 1.33 0.00	41.28 1.12 0.00	39.07 0.80 0.00	40.54 0.83 0.00	39.24 0.54 0.00	41.28 0.57 0.00	42.19 0.50 0.00	47.88 0.94 0.00	48.12 1.31 0.00	48.00 1.49 0.00	44.15 1.29 0.00	39.77 1.20 0.00	38.13 1.40 0.00	34.83 0.98 0.00
BLISS_WT_PWR 323608	30.39 -0.75 0.00	28.16 -0.28 0.00	26.68 0.26 0.00	26.32 0.34 0.00	26.94 0.42 0.00	30.94 0.64 0.00	37.64 0.56 0.00	39.93 1.24 0.00	41.26 0.93 0.00	41.25 0.81 0.00	41.24 1.08 0.00	41.20 1.04 0.00	39.37 1.11 0.00	40.66 0.95 0.00	39.55 0.85 0.00	41.73 1.02 0.00	43.44 1.75 0.00	48.25 1.31 0.00	48.63 1.82 0.00	48.28 1.77 0.00	43.46 0.60 0.00	38.50 -0.08 0.00	38.06 1.32 0.00	34.90 1.05 0.00
BLUESTONE___WT_PWR 323821	32.85 1.71 0.00	29.95 1.51 0.00	27.89 1.48 0.00	27.46 1.48 0.00	28.08 1.56 0.00	32.21 1.91 0.00	39.60 2.52 0.00	41.67 2.98 0.00	43.20 2.86 0.00	43.43 2.99 0.00	42.93 2.77 0.00	42.93 2.77 0.00	40.79 2.52 0.00	42.45 2.74 0.00	41.14 2.44 0.00	43.28 2.57 0.00	44.57 2.87 0.00	50.32 3.38 0.00	50.41 3.60 0.00	50.23 3.72 0.00	45.95 3.09 0.00	41.12 2.55 0.00	39.35 2.61 0.00	35.88 2.03 0.00
BLUE_CIRC_CHEM_DRP 24182	31.09 0.90 0.95	27.93 0.88 1.40	27.18 0.77 0.00	26.73 0.75 0.00	27.26 0.74 0.00	31.09 0.79 0.00	38.08 1.00 0.00	39.51 0.81 0.00	41.06 0.73 0.00	41.17 0.73 0.00	40.88 0.72 0.00	40.84 0.68 0.00	38.80 0.54 0.00	40.26 0.56 0.00	39.28 0.58 0.00	41.36 0.65 0.00	42.49 0.79 0.00	48.02 1.08 0.00	47.88 1.08 0.00	47.67 1.16 0.00	43.97 1.11 0.00	39.57 1.00 0.00	37.47 0.73 0.00	34.59 0.74 0.00
BOC_GAS_DRP 24189	31.38 0.75 0.51	28.38 0.68 0.75	27.02 0.61 0.00	26.58 0.60 0.00	27.13 0.61 0.00	30.94 0.64 0.00	37.86 0.78 0.00	39.43 0.74 0.00	40.90 0.56 0.00	40.96 0.53 0.00	40.72 0.56 0.00	40.72 0.56 0.00	38.76 0.50 0.00	40.26 0.56 0.00	39.24 0.54 0.00	41.32 0.61 0.00	42.49 0.79 0.00	47.88 0.94 0.00	47.70 0.89 0.00	47.44 0.93 0.00	43.76 0.90 0.00	39.38 0.81 0.00	37.29 0.55 0.00	34.42 0.58 0.00
BOONVILLE_115KV_TB1 79983	29.93 0.56 1.77	27.43 0.46 1.47	25.59 0.42 1.25	25.17 0.42 1.23	25.77 0.50 1.25	29.51 0.64 1.43	37.22 1.00 0.86	39.85 1.16 0.00	41.67 1.33 0.00	41.85 1.42 0.00	41.36 1.20 0.00	41.32 1.16 0.00	39.18 0.92 0.00	40.70 0.99 0.00	39.51 0.81 0.00	41.57 0.85 0.00	42.53 0.83 0.00	48.11 1.17 0.00	48.12 1.31 0.00	47.90 1.40 0.00	44.06 1.20 0.00	39.65 1.08 0.00	37.84 1.10 0.00	34.66 0.81 0.00
BORALEX_4TH_BRANCH 23824	33.83 1.93 -0.77	31.37 1.79 -1.13	27.95 1.53 0.00	27.49 1.51 0.00	28.06 1.54 0.00	32.03 1.73 0.00	39.12 2.04 0.00	40.63 1.93 0.00	42.03 1.69 0.00	42.01 1.58 0.00	41.72 1.57 0.00	41.68 1.53 0.00	39.53 1.26 0.00	41.38 1.43 -0.24	40.19 1.35 -0.14	42.57 1.51 -0.35	44.69 1.75 -1.24	50.81 2.16 -1.71	50.05 2.11 -1.14	49.67 2.23 -0.92	45.77 2.10 -0.81	40.63 1.93 -0.13	38.28 1.54 0.00	35.34 1.49 0.00
BOWLINE___1 23526	32.75 1.56 -0.05	29.97 1.45 -0.08	27.66 1.24 0.00	27.20 1.22 0.00	27.77 1.25 0.00	31.67 1.36 0.00	38.71 1.63 0.00	40.47 1.78 0.00	41.79 1.45 0.00	41.73 1.29 0.00	41.56 1.40 0.00	41.60 1.44 0.00	39.80 1.53 0.00	39.44 1.63 1.90	39.26 1.70 1.14	39.70 1.75 2.76	34.15 2.25 9.80	36.11 2.67 13.50	40.31 2.53 9.02	41.58 2.37 7.30	38.62 2.18 6.43	39.29 1.74 1.02	38.06 1.32 0.00	35.20 1.36 0.00
BOWLINE___2 23595	32.75 1.56 -0.05	29.97 1.45 -0.08	27.66 1.24 0.00	27.20 1.22 0.00	27.77 1.25 0.00	31.67 1.36 0.00	38.71 1.63 0.00	40.47 1.78 0.00	41.75 1.41 0.00	41.69 1.25 0.00	41.48 1.32 0.00	41.56 1.40 0.00	39.75 1.49 0.00	39.40 1.59 1.90	39.18 1.62 1.14	39.66 1.71 2.76	34.10 2.21 9.80	36.06 2.63 13.50	40.26 2.48 9.03	41.53 2.32 7.30	38.57 2.14 6.43	39.25 1.70 1.02	38.02 1.29 0.00	35.17 1.32 0.00
BRADY___115KV_TB2 356060	8.03 -0.75 22.36	9.20 -0.65 18.59	9.98 -0.63 15.80	9.91 -0.60 15.47	10.06 -0.64 15.83	11.52 -0.70 18.09	25.44 -0.74 10.90	37.87 -0.81 0.01	39.89 -0.44 0.00	39.99 -0.44 0.00	39.55 -0.60 0.00	39.47 -0.68 0.00	37.61 -0.65 0.00	38.95 -0.75 0.00	37.77 -0.93 0.00	39.77 -0.94 0.00	40.69 -1.00 0.00	45.72 -1.22 0.00	46.01 -0.80 0.00	45.86 -0.65 0.00	42.39 -0.47 0.00	38.30 -0.27 0.00	36.59 -0.15 0.00	33.78 -0.07 0.00
BRANSCOMB___SOLAR 323811	33.57 1.84 -0.59	31.06 1.74 -0.88	27.95 1.53 0.00	27.49 1.51 0.00	28.06 1.54 0.00	32.00 1.70 0.00	39.30 2.22 0.00	40.78 2.09 0.00	42.43 2.10 0.00	42.62 2.18 0.00	42.36 2.21 0.00	42.28 2.13 0.00	40.14 1.87 0.00	41.65 1.95 0.00	40.48 1.78 0.00	42.71 1.99 0.00	43.90 2.21 0.00	49.61 2.67 0.00	49.57 2.76 0.00	49.35 2.84 0.00	45.47 2.61 0.00	40.85 2.28 0.00	38.61 1.87 0.00	35.54 1.69 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.69 2.34 -4.22	33.33 2.13 -2.76	32.37 2.03 -3.92	31.67 1.97 -3.72	32.58 1.99 -4.07	36.55 2.24 -4.01	39.79 2.71 0.00	41.40 2.71 0.00	42.72 2.38 0.00	42.46 2.02 0.00	42.61 2.45 0.00	43.09 2.93 0.00	41.09 2.83 0.00	43.81 2.98 -1.12	42.46 3.10 -0.67	45.47 3.13 -1.63	50.94 3.46 -5.78	58.94 4.04 -7.96	56.06 3.93 -5.32	54.58 3.77 -4.31	50.38 3.73 -3.79	43.03 3.28 -1.18	38.87 2.13 0.00	36.74 2.40 -0.49



BRISTLHL_115KV_TB1 79998	30.87 0.56 0.82	28.21 0.46 0.69	26.31 0.48 0.58	25.88 0.47 0.57	26.41 0.48 0.58	30.27 0.64 0.67	37.57 0.89 0.40	39.54 0.85 0.00	41.06 0.73 0.00	41.33 0.89 0.00	40.92 0.76 0.00	40.92 0.76 0.00	38.95 0.69 0.00	40.38 0.68 0.00	39.35 0.66 0.00	41.32 0.61 0.00	42.19 0.50 0.00	47.74 0.80 0.00	47.74 0.94 0.00	47.44 0.93 0.00	43.59 0.73 0.00	39.11 0.54 0.00	37.73 0.99 0.00	34.53 0.68 0.00
BROOKHAVEN___DRP 24191	36.95 1.59 -4.22	32.62 1.42 -2.76	31.81 1.48 -3.92	31.07 1.38 -3.72	32.00 1.41 -4.07	35.89 1.58 -4.01	38.97 1.89 0.00	40.55 1.86 0.00	41.79 1.45 0.00	41.49 1.05 0.00	41.72 1.57 0.00	42.24 2.09 0.00	40.21 1.95 0.00	42.93 2.10 -1.12	41.65 2.28 -0.67	44.58 2.24 -1.63	50.14 2.67 -5.78	58.09 3.19 -7.96	55.17 3.04 -5.32	53.70 2.88 -4.31	49.39 2.74 -3.79	42.22 2.47 -1.18	37.88 1.14 0.00	35.79 1.46 -0.49
BROOKLYN_NAVY_YARD 23515	33.25 2.05 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.64 1.66 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.46 2.38 0.00	41.36 2.67 0.00	42.67 2.34 0.00	42.58 2.14 0.00	42.48 2.33 0.00	42.57 2.41 0.00	40.71 2.45 0.00	43.44 2.62 -1.11	42.03 2.67 -0.67	45.09 2.77 -1.61	50.84 3.42 -5.73	58.82 3.99 -7.89	55.87 3.79 -5.28	54.41 3.63 -4.27	49.87 3.26 -3.76	41.83 2.66 -0.60	38.91 2.17 0.00	36.05 2.20 0.00
BROOKLYN___ARMY_DRP 323595	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
BROOKVLE_69_KV_TB1 55790	37.88 2.52 -4.22	33.48 2.28 -2.76	32.53 2.19 -3.92	31.85 2.16 -3.72	32.77 2.17 -4.07	36.74 2.42 -4.01	39.94 2.86 0.00	41.44 2.75 0.00	42.84 2.50 0.00	42.74 2.30 0.00	42.93 2.77 0.00	43.33 3.17 0.00	41.32 3.06 0.00	44.05 3.22 -1.12	42.62 3.25 -0.67	45.60 3.26 -1.63	51.31 3.84 -5.78	59.31 4.41 -7.96	56.39 4.26 -5.32	54.96 4.14 -4.31	50.38 3.73 -3.79	43.03 3.28 -1.18	39.16 2.42 0.00	37.11 2.78 -0.49
BROOME_2_LFGE 323671	31.48 0.34 0.00	28.79 0.34 0.00	26.86 0.45 0.00	26.42 0.44 0.00	27.00 0.48 0.00	30.91 0.61 0.00	37.75 0.67 0.00	39.62 0.93 0.00	41.10 0.76 0.00	41.25 0.81 0.00	41.00 0.84 0.00	41.00 0.84 0.00	39.07 0.80 0.00	40.50 0.79 0.00	39.47 0.77 0.00	41.57 0.86 0.00	42.86 1.17 0.00	48.11 1.17 0.00	48.16 1.36 0.00	47.81 1.30 0.00	43.80 0.94 0.00	39.15 0.58 0.00	37.58 0.85 0.00	34.49 0.64 0.00
BROOME___LFGE 323600	31.48 0.34 0.00	28.79 0.34 0.00	26.86 0.45 0.00	26.42 0.44 0.00	27.00 0.48 0.00	30.91 0.61 0.00	37.75 0.67 0.00	39.62 0.93 0.00	41.10 0.76 0.00	41.25 0.81 0.00	41.00 0.84 0.00	41.00 0.84 0.00	39.07 0.80 0.00	40.50 0.79 0.00	39.47 0.77 0.00	41.57 0.86 0.00	42.86 1.17 0.00	48.11 1.17 0.00	48.16 1.36 0.00	47.81 1.30 0.00	43.80 0.94 0.00	39.15 0.58 0.00	37.58 0.85 0.00	34.49 0.64 0.00
BROWNFLS_115KV_TB_3_5 80003	17.66 -0.44 13.04	17.18 -0.43 10.84	16.78 -0.42 9.21	16.54 -0.42 9.02	16.92 -0.37 9.23	19.39 -0.36 10.55	30.54 -0.19 6.35	38.57 -0.12 0.00	40.62 0.28 0.00	40.72 0.28 0.00	40.24 0.08 0.00	40.04 -0.12 0.00	38.00 -0.27 0.00	39.31 -0.40 0.00	38.08 -0.62 0.00	40.06 -0.65 0.00	40.94 -0.75 0.00	46.19 -0.75 0.00	46.34 -0.47 0.00	46.23 -0.28 0.00	42.69 -0.17 0.00	38.61 0.04 0.00	37.00 0.26 0.00	34.05 0.20 0.00
BROWNSV1_27_KV_LOAD 356125	33.50 2.30 -0.06	30.55 2.02 -0.09	28.34 1.93 0.00	27.88 1.90 0.00	28.40 1.88 0.00	32.42 2.12 0.00	39.75 2.67 0.00	41.67 2.98 0.00	43.04 2.70 0.00	42.94 2.51 0.00	42.85 2.69 0.00	42.97 2.81 0.00	41.06 2.79 0.00	43.80 2.98 -1.11	42.38 3.02 -0.67	45.46 3.13 -1.61	51.22 3.79 -5.73	59.24 4.41 -7.89	56.29 4.21 -5.28	54.82 4.05 -4.27	50.30 3.69 -3.76	42.18 3.01 -0.60	39.27 2.53 0.00	36.32 2.47 0.00
BURROWS___LYONSDAL 23803	28.76 0.40 2.78	26.44 0.31 2.31	24.74 0.29 1.96	24.34 0.29 1.92	24.92 0.37 1.97	28.57 0.52 2.25	36.61 0.89 1.36	39.78 1.08 0.00	41.67 1.33 0.00	41.81 1.37 0.00	41.32 1.16 0.00	41.24 1.08 0.00	39.07 0.80 0.00	40.58 0.87 0.00	39.39 0.70 0.00	41.44 0.73 0.00	42.40 0.71 0.00	47.97 1.03 0.00	48.02 1.22 0.00	47.81 1.30 0.00	43.97 1.11 0.00	39.61 1.04 0.00	37.80 1.07 0.00	34.66 0.81 0.00
CAITHNESS_CC_1 323624	37.02 1.65 -4.23	32.69 1.48 -2.77	31.85 1.50 -3.93	31.08 1.38 -3.72	32.03 1.43 -4.08	35.92 1.60 -4.02	39.04 1.96 0.00	40.51 1.82 0.00	41.59 1.25 0.00	41.45 1.01 0.00	41.76 1.61 0.00	42.25 2.09 -0.01	40.18 1.91 0.00	42.97 2.14 -1.12	41.69 2.32 -0.67	44.62 2.28 -1.63	50.15 2.67 -5.78	58.23 3.33 -7.96	55.36 3.23 -5.32	53.84 3.02 -4.31	49.40 2.75 -3.79	42.23 2.47 -1.19	37.84 1.10 0.00	35.90 1.56 -0.50
CALPINE_BETH_PAGE_GT4 24209	37.60 2.24 -4.22	33.25 2.05 -2.76	32.29 1.95 -3.92	31.62 1.92 -3.72	32.53 1.94 -4.07	36.46 2.15 -4.01	39.45 2.37 0.00	41.05 2.36 0.00	42.39 2.06 0.00	42.26 1.82 0.00	42.41 2.25 0.00	42.81 2.65 0.00	40.79 2.53 0.00	43.53 2.70 -1.12	42.15 2.79 -0.67	45.11 2.77 -1.63	50.77 3.29 -5.78	58.70 3.80 -7.96	55.83 3.70 -5.32	54.40 3.58 -4.31	49.95 3.30 -3.79	42.65 2.89 -1.18	38.72 1.98 0.00	36.74 2.40 -0.49
CALPINE_BETH_PAGE_GT_4 323586	37.61 2.24 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.60 1.90 -3.72	32.54 1.93 -4.08	36.47 2.15 -4.02	39.46 2.38 0.00	41.01 2.32 0.00	42.23 1.90 0.00	42.18 1.74 0.00	42.40 2.25 0.00	42.77 2.61 -0.01	40.75 2.49 0.00	43.53 2.70 -1.12	42.16 2.79 -0.67	45.11 2.77 -1.63	50.77 3.29 -5.78	58.79 3.89 -7.96	55.92 3.79 -5.32	54.45 3.63 -4.31	49.87 3.22 -3.79	42.62 2.85 -1.19	38.65 1.91 0.00	36.75 2.40 -0.50
CALPINE_BP_GT1 23823	37.61 2.24 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.60 1.90 -3.72	32.54 1.93 -4.08	36.47 2.15 -4.02	39.46 2.38 0.00	41.01 2.32 0.00	42.23 1.90 0.00	42.18 1.74 0.00	42.40 2.25 0.00	42.77 2.61 -0.01	40.75 2.49 0.00	43.53 2.70 -1.12	42.16 2.79 -0.67	45.11 2.77 -1.63	50.77 3.29 -5.78	58.79 3.89 -7.96	55.92 3.79 -5.32	54.45 3.63 -4.31	49.87 3.22 -3.79	42.62 2.85 -1.19	38.65 1.91 0.00	36.75 2.40 -0.50
CALSPAN___DRP 24200	30.51 -0.62 0.00	28.02 -0.43 0.00	26.44 0.03 0.00	25.82 -0.16 0.00	26.60 0.08 0.00	30.61 0.30 0.00	36.97 -0.11 0.00	38.85 0.15 0.00	40.09 -0.24 0.00	40.24 -0.20 0.00	40.32 0.16 0.00	40.28 0.12 0.00	38.61 0.34 0.00	39.79 0.08 0.00	38.58 -0.12 0.00	40.79 0.08 0.00	41.11 -0.58 0.00	47.08 0.14 0.00	47.41 0.61 0.00	46.79 0.28 0.00	42.13 -0.73 0.00	37.38 -1.20 0.00	37.11 0.37 0.00	34.25 0.41 0.00

CALVERTON___SOLAR 323806	36.89 1.53 -4.23	32.57 1.37 -2.77	31.79 1.45 -3.93	31.00 1.30 -3.72	31.98 1.38 -4.08	35.86 1.54 -4.02	38.97 1.89 0.00	40.51 1.82 0.00	41.51 1.17 0.00	41.37 0.93 0.00	41.68 1.53 0.00	42.17 2.01 -0.01	40.10 1.84 0.00	42.93 2.10 -1.12	41.65 2.28 -0.67	44.58 2.24 -1.63	50.15 2.67 -5.78	58.28 3.38 -7.96	55.36 3.23 -5.32	53.84 3.02 -4.31	49.27 2.61 -3.79	42.19 2.43 -1.19	37.58 0.85 0.00	35.63 1.29 -0.50
CANDIGU_WT_PWR 323617	30.98 -0.15 0.00	28.41 -0.03 0.00	26.71 0.29 0.00	26.29 0.31 0.00	26.86 0.34 0.00	30.85 0.55 0.00	37.56 0.48 0.00	39.43 0.73 0.00	40.82 0.49 0.00	40.92 0.49 0.00	40.76 0.60 0.00	40.80 0.64 0.00	38.91 0.65 0.00	40.22 0.51 0.00	39.16 0.47 0.00	41.28 0.57 0.00	42.86 1.17 0.00	47.83 0.89 0.00	48.07 1.26 0.00	47.67 1.16 0.00	43.33 0.47 0.00	38.53 -0.04 0.00	37.55 0.81 0.00	34.56 0.71 0.00
CARR STREET_E_SYR 24060	31.17 0.03 0.00	28.44 0.00 0.00	26.47 0.05 0.00	26.06 0.08 0.00	26.57 0.05 0.00	30.42 0.12 0.00	37.15 0.07 0.00	38.89 0.19 0.00	40.42 0.08 0.00	40.60 0.16 0.00	40.28 0.12 0.00	40.28 0.12 0.00	38.34 0.08 0.00	39.79 0.08 0.00	38.77 0.08 0.00	40.75 0.04 0.00	41.86 0.17 0.00	47.08 0.14 0.00	47.04 0.24 0.00	46.70 0.19 0.00	42.95 0.09 0.00	38.53 -0.04 0.00	37.00 0.26 0.00	33.92 0.07 0.00
CARTHAGE___PAPER 23857	25.66 0.19 5.67	23.82 0.09 4.71	22.49 0.08 4.00	22.14 0.08 3.92	22.67 0.16 4.01	26.02 0.30 4.58	35.10 0.78 2.76	39.66 0.97 0.00	41.54 1.21 0.00	41.69 1.25 0.00	41.04 0.88 0.00	40.84 0.68 0.00	38.68 0.42 0.00	40.10 0.40 0.00	38.85 0.16 0.00	40.87 0.16 0.00	41.86 0.17 0.00	47.41 0.47 0.00	47.60 0.79 0.00	47.53 1.02 0.00	43.72 0.86 0.00	39.42 0.85 0.00	37.77 1.03 0.00	34.53 0.68 0.00
CASSADAGA_WT_PWR 323784	30.73 -0.41 0.00	28.24 -0.20 0.00	26.99 0.58 0.00	26.63 0.65 0.00	27.18 0.66 0.00	31.30 1.00 0.00	38.04 0.96 0.00	40.32 1.62 0.00	41.71 1.37 0.00	41.69 1.25 0.00	41.76 1.61 0.00	41.84 1.69 0.00	39.99 1.72 0.00	41.34 1.63 0.00	40.17 1.47 0.00	42.30 1.59 0.00	44.07 2.38 0.00	48.91 1.97 0.00	49.29 2.48 0.00	48.88 2.37 0.00	43.97 1.11 0.00	38.88 0.31 0.00	38.39 1.65 0.00	35.13 1.29 0.00
CE_DUNWOOD___DRP 24194	33.00 1.81 -0.06	30.15 1.62 -0.09	27.97 1.56 0.00	27.51 1.53 0.00	28.03 1.51 0.00	32.00 1.70 0.00	39.16 2.08 0.00	40.98 2.28 0.00	42.35 2.02 0.00	42.26 1.82 0.00	42.12 1.97 0.00	42.24 2.09 0.00	40.33 2.07 0.00	43.15 2.22 -1.22	41.71 2.28 -0.73	44.85 2.36 -1.78	50.92 2.92 -6.31	58.96 3.33 -8.69	55.80 3.18 -5.81	54.32 3.12 -4.70	49.82 2.83 -4.14	41.58 2.35 -0.66	38.61 1.87 0.00	35.71 1.86 0.00
CE_MILLWOOD___DRP 24193	32.91 1.71 -0.06	30.09 1.56 -0.08	27.92 1.51 0.00	27.46 1.48 0.00	27.98 1.46 0.00	31.94 1.64 0.00	39.08 2.00 0.00	40.86 2.17 0.00	42.23 1.90 0.00	42.18 1.74 0.00	42.04 1.89 0.00	42.12 1.97 0.00	40.25 1.99 0.00	47.94 2.10 -6.12	44.53 2.17 -3.67	51.88 2.28 -8.89	76.05 2.79 -31.56	93.65 3.24 -43.47	78.96 3.09 -29.06	73.00 2.98 -23.51	66.30 2.74 -20.70	44.14 2.28 -3.29	38.50 1.76 0.00	35.61 1.76 0.00
CE_NYC2_DRP 24202	33.38 2.18 -0.07	30.47 1.93 -0.09	28.26 1.85 0.00	27.81 1.82 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.53 2.45 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.50 2.06 0.00	42.41 2.25 0.00	42.45 2.29 0.00	40.60 2.33 0.00	43.32 2.50 -1.11	41.92 2.55 -0.67	44.97 2.65 -1.61	50.67 3.25 -5.73	58.63 3.80 -7.89	55.64 3.56 -5.27	54.17 3.40 -4.27	49.66 3.04 -3.76	41.64 2.47 -0.60	38.94 2.20 0.00	36.15 2.30 0.00
CE_NYC_DRP 24195	33.28 2.09 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.72 1.74 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.53 2.45 0.00	41.40 2.71 0.00	42.72 2.38 0.00	42.62 2.18 0.00	42.53 2.37 0.00	42.65 2.49 0.00	40.75 2.49 0.00	43.44 2.62 -1.11	42.07 2.71 -0.67	45.13 2.81 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.87 3.79 -5.28	54.41 3.63 -4.27	49.92 3.30 -3.76	41.87 2.70 -0.60	38.98 2.24 0.00	36.08 2.23 0.00
CHAFFEE___LFGE 323603	30.54 -0.59 0.00	28.04 -0.40 0.00	26.52 0.11 0.00	26.11 0.13 0.00	26.63 0.11 0.00	30.64 0.33 0.00	37.12 0.04 0.00	39.04 0.35 0.00	40.38 0.04 0.00	40.40 -0.04 0.00	40.48 0.32 0.00	40.56 0.40 0.00	38.80 0.54 0.00	39.99 0.28 0.00	38.89 0.19 0.00	41.00 0.29 0.00	42.78 1.08 0.00	47.36 0.42 0.00	47.65 0.84 0.00	47.25 0.74 0.00	42.60 -0.26 0.00	37.72 -0.85 0.00	37.40 0.66 0.00	34.36 0.51 0.00
CHATEAUG_35_KV_LOAD 355732	4.81 -1.96 24.37	6.37 -1.82 20.25	7.46 -1.74 17.21	7.41 -1.71 16.86	7.42 -1.86 17.25	8.69 -1.91 19.71	23.02 -2.19 11.87	36.17 -2.52 0.01	38.28 -2.06 0.00	38.46 -1.98 0.00	38.35 -1.81 0.00	38.67 -1.49 0.00	36.96 -1.30 0.00	38.20 -1.51 0.00	37.23 -1.47 0.00	39.29 -1.42 0.00	40.65 -1.04 0.00	45.15 -1.78 0.00	45.21 -1.59 0.00	45.07 -1.44 0.00	42.05 -0.81 0.00	37.99 -0.58 0.00	36.04 -0.70 0.00	33.34 -0.51 0.00
CHATEAUG_WT_PWR 323614	4.28 -2.49 24.37	5.86 -2.33 20.25	6.93 -2.27 17.21	6.89 -2.23 16.86	6.86 -2.41 17.25	8.08 -2.51 19.71	22.21 -3.00 11.87	35.24 -3.44 0.01	37.19 -3.15 0.00	37.53 -2.91 0.00	37.51 -2.65 0.00	37.91 -2.25 0.00	36.35 -1.91 0.00	37.48 -2.22 0.00	36.49 -2.20 0.00	38.59 -2.12 0.00	39.61 -2.08 0.00	44.21 -2.72 0.00	44.32 -2.48 0.00	44.14 -2.37 0.00	41.19 -1.67 0.00	37.34 -1.24 0.00	35.45 -1.29 0.00	32.83 -1.01 0.00
CHAT_HIGH_FALL_HYD 323578	4.81 -1.96 24.37	6.37 -1.82 20.25	7.46 -1.74 17.21	7.41 -1.71 16.86	7.42 -1.86 17.25	8.69 -1.91 19.71	23.02 -2.19 11.87	36.17 -2.52 0.01	38.28 -2.06 0.00	38.46 -1.98 0.00	38.35 -1.81 0.00	38.67 -1.49 0.00	36.96 -1.30 0.00	38.20 -1.51 0.00	37.23 -1.47 0.00	39.29 -1.42 0.00	40.65 -1.04 0.00	45.15 -1.78 0.00	45.21 -1.59 0.00	45.07 -1.44 0.00	42.05 -0.81 0.00	37.99 -0.58 0.00	36.04 -0.70 0.00	33.34 -0.51 0.00
CHAUTAUQUA___LFGE 323629	30.70 -0.44 0.00	28.21 -0.23 0.00	26.78 0.37 0.00	26.37 0.39 0.00	26.94 0.42 0.00	31.00 0.70 0.00	37.60 0.52 0.00	39.74 1.05 0.00	41.06 0.73 0.00	41.08 0.64 0.00	41.16 1.00 0.00	41.20 1.04 0.00	39.41 1.15 0.00	40.70 0.99 0.00	39.55 0.85 0.00	41.69 0.98 0.00	43.49 1.79 0.00	48.20 1.27 0.00	48.54 1.73 0.00	48.14 1.63 0.00	43.38 0.52 0.00	38.38 -0.19 0.00	37.91 1.18 0.00	34.76 0.91 0.00
CHERRYST_13_KV_LD 356241	33.37 2.18 -0.06	30.43 1.91 -0.09	28.24 1.82 0.00	27.77 1.79 0.00	28.32 1.80 0.00	32.33 2.03 0.00	39.64 2.56 0.00	41.56 2.86 0.00	42.88 2.54 0.00	42.78 2.35 0.00	42.69 2.53 0.00	42.81 2.65 0.00	40.90 2.64 0.00	43.64 2.82 -1.11	42.23 2.86 -0.67	45.30 2.97 -1.61	51.05 3.63 -5.73	59.01 4.18 -7.89	56.06 3.98 -5.28	54.59 3.81 -4.27	50.09 3.47 -3.76	41.98 2.82 -0.60	39.09 2.35 0.00	36.18 2.34 0.00

CHESTROR_138KV_BK263 355645	32.52 1.34 -0.05	29.76 1.25 -0.07	27.55 1.14 0.00	27.10 1.12 0.00	27.63 1.11 0.00	31.54 1.24 0.00	38.56 1.48 0.00	40.28 1.59 0.00	41.67 1.33 0.00	41.65 1.21 0.00	41.44 1.29 0.00	41.48 1.33 0.00	39.64 1.38 0.00	39.81 1.43 1.32	39.41 1.51 0.79	40.34 1.55 1.92	36.92 2.04 6.81	39.90 2.35 9.39	42.78 2.25 6.27	43.57 2.14 5.08	40.41 2.01 4.47	39.48 1.62 0.71	37.99 1.25 0.00	35.10 1.25 0.00
CH_MIDHUDSON___DRP 24192	32.76 1.62 0.00	29.92 1.48 0.00	27.79 1.37 0.00	27.36 1.38 0.00	27.90 1.38 0.00	31.82 1.52 0.00	38.93 1.85 0.00	40.63 1.93 0.00	42.07 1.73 0.00	42.01 1.58 0.00	41.84 1.69 0.00	41.88 1.73 0.00	39.99 1.72 0.00	41.49 1.79 0.00	40.55 1.86 0.00	42.67 1.95 0.00	44.07 2.38 0.00	49.71 2.77 0.00	49.47 2.67 0.00	49.11 2.60 0.00	45.30 2.44 0.00	40.58 2.01 0.00	38.32 1.58 0.00	35.41 1.56 0.00
CH_MISC_IPPS 23765	32.91 1.77 0.00	30.06 1.62 0.00	27.92 1.50 0.00	27.46 1.48 0.00	28.03 1.51 0.00	31.97 1.67 0.00	39.16 2.08 0.00	40.82 2.13 0.00	42.31 1.98 0.00	42.26 1.82 0.00	42.12 1.97 0.00	42.16 2.01 0.00	40.25 1.99 0.00	41.69 1.98 0.00	40.78 2.09 0.00	42.91 2.20 0.00	44.36 2.67 0.00	50.03 3.10 0.00	49.89 3.09 0.00	49.44 2.93 0.00	45.56 2.70 0.00	40.77 2.20 0.00	38.47 1.73 0.00	35.57 1.73 0.00
CH_RES_BVR_FALLS 23983	-5.57 -1.37 35.34	-2.18 -1.25 29.37	0.27 -1.19 24.96	0.36 -1.17 24.45	0.34 -1.17 25.01	0.39 -1.33 28.58	18.23 -1.63 17.22	37.02 -1.66 0.01	38.92 -1.41 0.00	39.10 -1.33 0.00	38.87 -1.29 0.00	38.95 -1.20 0.00	37.15 -1.11 0.00	38.55 -1.15 0.00	37.50 -1.20 0.00	39.45 -1.26 0.00	40.32 -1.37 0.00	45.48 -1.46 0.00	45.64 -1.17 0.00	45.35 -1.16 0.00	41.83 -1.03 0.00	37.76 -0.81 0.00	36.00 -0.73 0.00	33.27 -0.58 0.00
CH_RES_NIAGARA 23895	29.77 -1.37 0.00	27.30 -1.14 0.00	25.73 -0.69 0.00	25.10 -0.88 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.67 -1.41 0.00	37.18 -1.51 0.00	38.40 -1.94 0.00	38.54 -1.90 0.00	38.59 -1.57 0.00	38.55 -1.61 0.00	37.04 -1.22 0.00	38.00 -1.71 0.00	36.84 -1.86 0.00	39.00 -1.71 0.00	39.19 -2.50 0.00	44.92 -2.02 0.00	45.21 -1.59 0.00	44.56 -1.95 0.00	40.20 -2.66 0.00	35.76 -2.82 0.00	35.64 -1.10 0.00	33.07 -0.78 0.00
CH_RES_SYRACUSE 23985	31.38 0.25 0.00	28.64 0.20 0.00	26.65 0.24 0.00	26.21 0.23 0.00	26.76 0.24 0.00	30.64 0.33 0.00	37.53 0.45 0.00	39.23 0.54 0.00	40.78 0.44 0.00	41.00 0.57 0.00	40.68 0.52 0.00	40.68 0.52 0.00	38.72 0.46 0.00	40.15 0.44 0.00	39.16 0.47 0.00	41.12 0.41 0.00	42.23 0.54 0.00	47.50 0.57 0.00	47.46 0.65 0.00	47.16 0.65 0.00	43.33 0.47 0.00	38.88 0.31 0.00	37.29 0.55 0.00	34.19 0.34 0.00
CLINTON_WT_PWR 323605	4.28 -2.49 24.37	5.86 -2.33 20.25	6.93 -2.27 17.21	6.89 -2.23 16.86	6.86 -2.41 17.25	8.08 -2.51 19.71	22.21 -3.00 11.87	35.24 -3.44 0.01	37.19 -3.15 0.00	37.53 -2.91 0.00	37.51 -2.65 0.00	37.91 -2.25 0.00	36.35 -1.91 0.00	37.48 -2.22 0.00	36.49 -2.20 0.00	38.59 -2.12 0.00	39.61 -2.08 0.00	44.21 -2.72 0.00	44.32 -2.48 0.00	44.14 -2.37 0.00	41.19 -1.67 0.00	37.34 -1.24 0.00	35.45 -1.29 0.00	32.83 -1.01 0.00
CLINTON___LFGE 323618	4.78 -1.99 24.37	6.37 -1.82 20.25	7.43 -1.77 17.21	7.38 -1.74 16.86	7.39 -1.88 17.25	8.69 -1.91 19.71	22.98 -2.22 11.87	36.13 -2.55 0.01	38.24 -2.10 0.00	38.46 -1.98 0.00	38.35 -1.81 0.00	38.63 -1.53 0.00	36.96 -1.30 0.00	38.20 -1.51 0.00	37.19 -1.51 0.00	39.29 -1.43 0.00	40.40 -1.29 0.00	45.11 -1.83 0.00	45.17 -1.64 0.00	45.02 -1.49 0.00	42.00 -0.86 0.00	37.95 -0.62 0.00	36.04 -0.70 0.00	33.31 -0.54 0.00
COBBLENY_34_KV_TB1 80064	30.55 -0.59 0.00	28.04 -0.40 0.00	26.49 0.08 0.00	25.85 -0.13 0.00	26.63 0.11 0.00	30.64 0.33 0.00	37.04 -0.04 0.00	39.04 0.35 0.00	40.25 -0.08 0.00	40.40 -0.04 0.00	40.48 0.32 0.00	40.44 0.28 0.00	38.80 0.54 0.00	39.99 0.28 0.00	38.77 0.08 0.00	41.00 0.28 0.00	41.36 -0.33 0.00	47.36 0.42 0.00	47.70 0.89 0.00	47.07 0.56 0.00	42.30 -0.56 0.00	37.53 -1.04 0.00	37.25 0.51 0.00	34.36 0.51 0.00
COFFEEN___115KV_TB3 355620	27.24 0.84 4.74	25.19 0.68 3.94	23.68 0.61 3.35	23.33 0.62 3.28	23.86 0.69 3.35	27.41 0.94 3.83	36.33 1.56 2.31	40.47 1.78 0.00	42.27 1.94 0.00	42.46 2.02 0.00	41.72 1.57 0.00	41.52 1.37 0.00	39.30 1.03 0.00	40.78 1.07 0.00	39.47 0.77 0.00	41.53 0.81 0.00	42.44 0.75 0.00	48.25 1.31 0.00	48.49 1.69 0.00	48.42 1.91 0.00	44.49 1.63 0.00	40.08 1.50 0.00	38.43 1.69 0.00	35.03 1.18 0.00
COLDSPRG_115KV_BK1 355956	31.32 0.19 0.00	28.76 0.31 0.00	27.37 0.95 0.00	26.73 0.75 0.00	27.55 1.03 0.00	31.76 1.45 0.00	38.56 1.48 0.00	41.13 2.44 0.00	42.39 2.06 0.00	42.46 2.02 0.00	42.61 2.45 0.00	42.57 2.41 0.00	40.75 2.49 0.00	42.17 2.46 0.00	40.86 2.17 0.00	43.07 2.36 0.00	43.57 1.88 0.00	49.80 2.86 0.00	50.18 3.37 0.00	49.58 3.07 0.00	44.49 1.63 0.00	39.38 0.81 0.00	38.87 2.13 0.00	35.64 1.79 0.00
COLONIE_LFGE___ 323577	33.45 1.46 -0.85	31.06 1.37 -1.25	27.60 1.19 0.00	27.15 1.17 0.00	27.71 1.19 0.00	31.60 1.30 0.00	38.71 1.63 0.00	40.20 1.51 0.00	41.71 1.37 0.00	41.81 1.38 0.00	41.52 1.37 0.00	41.48 1.32 0.00	39.41 1.15 0.00	40.98 1.27 0.00	39.86 1.16 0.00	42.01 1.30 0.00	43.19 1.50 0.00	48.82 1.88 0.00	48.63 1.82 0.00	48.42 1.91 0.00	44.66 1.80 0.00	40.15 1.58 0.00	37.99 1.25 0.00	35.07 1.22 0.00
COOPERNY_115KV_TB1 80082	32.13 1.00 0.00	29.38 0.94 0.00	27.26 0.85 0.00	26.81 0.83 0.00	27.37 0.85 0.00	31.21 0.91 0.00	38.19 1.11 0.00	39.93 1.24 0.00	41.34 1.01 0.00	41.37 0.93 0.00	41.12 0.96 0.00	41.16 1.00 0.00	39.30 1.03 0.00	40.16 1.07 0.62	39.45 1.12 0.37	40.99 1.18 0.90	40.00 1.50 3.19	44.27 1.74 4.40	45.55 1.69 2.94	45.76 1.63 2.38	42.26 1.50 2.10	39.43 1.20 0.33	37.69 0.96 0.00	34.76 0.91 0.00
COPENHAGEN_WT_PWR 323753	27.21 0.56 4.49	25.16 0.45 3.73	23.66 0.42 3.17	23.29 0.41 3.11	23.82 0.48 3.18	27.34 0.67 3.63	36.08 1.19 2.19	40.08 1.39 0.00	41.87 1.53 0.00	42.06 1.62 0.00	41.36 1.20 0.00	41.20 1.04 0.00	39.03 0.76 0.00	40.46 0.75 0.00	39.24 0.54 0.00	41.24 0.53 0.00	42.28 0.58 0.00	47.83 0.89 0.00	47.98 1.17 0.00	47.90 1.39 0.00	44.06 1.20 0.00	39.69 1.12 0.00	38.10 1.36 0.00	34.76 0.91 0.00
CORNELL_____ 23752	31.92 0.78 0.00	29.13 0.68 0.00	27.15 0.74 0.00	26.71 0.73 0.00	27.29 0.77 0.00	31.27 0.97 0.00	38.38 1.30 0.00	40.32 1.63 0.00	41.75 1.41 0.00	41.97 1.54 0.00	41.56 1.41 0.00	41.52 1.37 0.00	39.53 1.26 0.00	40.98 1.27 0.00	39.93 1.24 0.00	42.05 1.34 0.00	43.03 1.33 0.00	48.86 1.92 0.00	48.96 2.15 0.00	48.60 2.09 0.00	44.53 1.67 0.00	39.84 1.27 0.00	38.17 1.43 0.00	34.97 1.12 0.00

CORONA_69_KV_TB1 355595	37.82 2.46 -4.22	33.42 2.22 -2.76	32.45 2.11 -3.92	31.80 2.10 -3.72	32.69 2.10 -4.07	36.67 2.36 -4.01	39.79 2.71 0.00	41.44 2.75 0.00	42.84 2.50 0.00	42.74 2.30 0.00	42.85 2.69 0.00	43.21 3.05 0.00	41.21 2.95 0.00	43.93 3.10 -1.12	42.54 3.17 -0.67	45.56 3.22 -1.63	51.27 3.79 -5.78	59.27 4.37 -7.96	56.44 4.31 -5.32	54.96 4.14 -4.31	50.42 3.77 -3.79	43.03 3.28 -1.18	39.35 2.61 0.00	37.05 2.71 -0.49
CORTLAND_115KV_TB3 80093	31.67 0.53 0.00	28.93 0.48 0.00	26.92 0.50 0.00	26.47 0.49 0.00	27.05 0.53 0.00	30.97 0.67 0.00	37.97 0.89 0.00	39.81 1.12 0.00	41.30 0.97 0.00	41.49 1.05 0.00	41.12 0.96 0.00	41.12 0.96 0.00	39.14 0.88 0.00	40.62 0.91 0.00	39.55 0.85 0.00	41.61 0.90 0.00	42.57 0.88 0.00	48.20 1.27 0.00	48.26 1.45 0.00	47.90 1.40 0.00	43.97 1.11 0.00	39.38 0.81 0.00	37.69 0.96 0.00	34.56 0.71 0.00
COXSACKIE__GT 23611	31.90 1.81 1.04	28.61 1.71 1.54	27.81 1.40 0.00	27.41 1.43 0.00	27.98 1.46 0.00	31.88 1.57 0.00	39.34 2.26 0.00	40.28 1.59 0.00	42.15 1.82 0.00	42.06 1.62 0.00	41.56 1.40 0.00	41.24 1.08 0.00	39.14 0.88 0.00	40.38 0.67 0.00	39.47 0.77 0.00	41.73 1.02 0.00	43.40 1.71 0.00	49.00 2.06 0.00	49.29 2.48 0.00	48.93 2.42 0.00	45.09 2.23 0.00	40.35 1.78 0.00	38.17 1.43 0.00	35.41 1.56 0.00
CPV_VALLEY__CC1 323721	32.26 1.12 0.00	29.50 1.05 0.00	27.36 0.95 0.00	26.89 0.91 0.00	27.45 0.93 0.00	31.30 1.00 0.00	38.27 1.19 0.00	40.01 1.32 0.00	41.38 1.05 0.00	41.37 0.93 0.00	41.16 1.00 0.00	41.20 1.04 0.00	39.37 1.11 0.00	39.99 1.15 0.87	39.38 1.20 0.52	40.71 1.26 1.26	38.88 1.67 4.48	42.73 1.97 6.17	44.55 1.87 4.13	44.94 1.77 3.34	41.55 1.63 2.94	39.42 1.31 0.47	37.69 0.95 0.00	34.83 0.98 0.00
CPV_VALLEY__CC2 323722	32.26 1.12 0.00	29.50 1.05 0.00	27.36 0.95 0.00	26.89 0.91 0.00	27.45 0.93 0.00	31.30 1.00 0.00	38.27 1.19 0.00	40.01 1.32 0.00	41.38 1.05 0.00	41.37 0.93 0.00	41.16 1.00 0.00	41.20 1.04 0.00	39.37 1.11 0.00	39.99 1.15 0.87	39.38 1.20 0.52	40.71 1.26 1.26	38.88 1.67 4.48	42.73 1.97 6.17	44.55 1.87 4.13	44.94 1.77 3.34	41.55 1.63 2.94	39.42 1.31 0.47	37.69 0.95 0.00	34.83 0.98 0.00
CRESCENT__HYD 24018	33.45 1.46 -0.85	31.06 1.37 -1.25	27.60 1.19 0.00	27.15 1.17 0.00	27.71 1.19 0.00	31.60 1.30 0.00	38.71 1.63 0.00	40.20 1.51 0.00	41.71 1.37 0.00	41.81 1.38 0.00	41.52 1.37 0.00	41.48 1.32 0.00	39.41 1.15 0.00	40.98 1.27 0.00	39.86 1.16 0.00	42.01 1.30 0.00	43.19 1.50 0.00	48.82 1.88 0.00	48.63 1.82 0.00	48.42 1.91 0.00	44.66 1.80 0.00	40.15 1.58 0.00	37.99 1.25 0.00	35.07 1.22 0.00
CRICKET__VALLEY_CC1 323756	32.68 1.43 -0.11	29.92 1.31 -0.17	27.60 1.19 0.00	27.15 1.17 0.00	27.69 1.17 0.00	31.57 1.27 0.00	38.60 1.52 0.00	40.24 1.55 0.00	41.54 1.21 0.00	41.53 1.09 0.00	41.32 1.17 0.00	41.36 1.20 0.00	39.37 1.11 0.00	41.47 1.27 -0.50	40.23 1.24 -0.30	42.77 1.34 -0.72	45.96 1.71 -2.55	52.52 2.06 -3.52	51.08 1.92 -2.35	50.32 1.91 -1.90	46.33 1.80 -1.67	40.38 1.54 -0.27	37.88 1.14 0.00	35.03 1.18 0.00
CRICKET__VALLEY_CC2 323757	32.68 1.43 -0.11	29.92 1.31 -0.17	27.60 1.19 0.00	27.15 1.17 0.00	27.69 1.17 0.00	31.57 1.27 0.00	38.60 1.52 0.00	40.24 1.55 0.00	41.54 1.21 0.00	41.53 1.09 0.00	41.32 1.17 0.00	41.36 1.20 0.00	39.37 1.11 0.00	41.47 1.27 -0.50	40.23 1.24 -0.30	42.77 1.34 -0.72	45.96 1.71 -2.55	52.52 2.06 -3.52	51.08 1.92 -2.35	50.32 1.91 -1.90	46.33 1.80 -1.67	40.38 1.54 -0.27	37.88 1.14 0.00	35.03 1.18 0.00
CRICKET__VALLEY_CC3 323758	32.68 1.43 -0.11	29.92 1.31 -0.17	27.60 1.19 0.00	27.15 1.17 0.00	27.69 1.17 0.00	31.57 1.27 0.00	38.60 1.52 0.00	40.24 1.55 0.00	41.54 1.21 0.00	41.53 1.09 0.00	41.32 1.17 0.00	41.36 1.20 0.00	39.37 1.11 0.00	41.47 1.27 -0.50	40.23 1.24 -0.30	42.77 1.34 -0.72	45.96 1.71 -2.55	52.52 2.06 -3.52	51.08 1.92 -2.35	50.32 1.91 -1.90	46.33 1.80 -1.67	40.38 1.54 -0.27	37.88 1.14 0.00	35.03 1.18 0.00
CRUCIBLE_METL_DRP 24180	31.39 0.25 0.00	28.64 0.20 0.00	26.65 0.24 0.00	26.21 0.23 0.00	26.76 0.24 0.00	30.64 0.33 0.00	37.53 0.44 0.00	39.23 0.54 0.00	40.74 0.40 0.00	41.00 0.57 0.00	40.68 0.52 0.00	40.64 0.48 0.00	38.72 0.46 0.00	40.14 0.44 0.00	39.12 0.43 0.00	41.12 0.41 0.00	42.03 0.33 0.00	47.50 0.56 0.00	47.46 0.66 0.00	47.11 0.60 0.00	43.33 0.47 0.00	38.84 0.27 0.00	37.25 0.51 0.00	34.19 0.34 0.00
DAHOWA__HYDRO 323763	33.69 1.99 -0.56	31.14 1.88 -0.82	28.08 1.67 0.00	27.62 1.64 0.00	28.19 1.67 0.00	32.15 1.85 0.00	39.53 2.45 0.00	40.97 2.28 0.00	42.67 2.34 0.00	42.90 2.47 0.00	42.65 2.49 0.00	42.57 2.41 0.00	40.40 2.14 0.00	41.89 2.18 0.00	40.71 2.01 0.00	42.95 2.24 0.00	44.15 2.46 0.00	49.94 3.01 0.00	49.89 3.09 0.00	49.67 3.16 0.00	45.73 2.87 0.00	41.08 2.51 0.00	38.83 2.09 0.00	35.71 1.86 0.00
DANC__LFGE 323619	28.47 0.47 3.13	26.21 0.37 2.60	24.57 0.37 2.21	24.18 0.36 2.17	24.70 0.40 2.22	28.35 0.57 2.53	36.52 0.96 1.53	39.74 1.05 0.00	41.43 1.09 0.00	41.61 1.17 0.00	41.04 0.88 0.00	40.92 0.76 0.00	38.84 0.57 0.00	40.26 0.56 0.00	39.08 0.39 0.00	41.04 0.32 0.00	42.11 0.42 0.00	47.55 0.61 0.00	47.65 0.84 0.00	47.49 0.98 0.00	43.67 0.81 0.00	39.30 0.73 0.00	37.84 1.10 0.00	34.56 0.71 0.00
DANSKAMMER__1 23586	32.91 1.77 0.00	30.06 1.62 0.00	27.92 1.50 0.00	27.46 1.48 0.00	28.03 1.51 0.00	31.97 1.67 0.00	39.16 2.08 0.00	40.82 2.13 0.00	42.31 1.98 0.00	42.26 1.82 0.00	42.12 1.97 0.00	42.16 2.01 0.00	40.25 1.99 0.00	41.69 1.98 0.00	40.78 2.09 0.00	42.91 2.20 0.00	44.36 2.67 0.00	50.03 3.10 0.00	49.89 3.09 0.00	49.44 2.93 0.00	45.56 2.70 0.00	40.77 2.20 0.00	38.47 1.73 0.00	35.57 1.73 0.00
DANSKAMMER__2 23589	32.91 1.77 0.00	30.06 1.62 0.00	27.92 1.50 0.00	27.46 1.48 0.00	28.03 1.51 0.00	31.97 1.67 0.00	39.16 2.08 0.00	40.82 2.13 0.00	42.31 1.98 0.00	42.26 1.82 0.00	42.12 1.97 0.00	42.16 2.01 0.00	40.25 1.99 0.00	41.69 1.98 0.00	40.78 2.09 0.00	42.91 2.20 0.00	44.36 2.67 0.00	50.03 3.10 0.00	49.89 3.09 0.00	49.44 2.93 0.00	45.56 2.70 0.00	40.77 2.20 0.00	38.47 1.73 0.00	35.57 1.73 0.00
DANSKAMMER__3 23590	32.91 1.77 0.00	30.06 1.62 0.00	27.92 1.50 0.00	27.46 1.48 0.00	28.03 1.51 0.00	31.97 1.67 0.00	39.16 2.08 0.00	40.82 2.13 0.00	42.31 1.98 0.00	42.26 1.82 0.00	42.12 1.97 0.00	42.16 2.01 0.00	40.25 1.99 0.00	41.69 1.98 0.00	40.78 2.09 0.00	42.91 2.20 0.00	44.36 2.67 0.00	50.03 3.10 0.00	49.89 3.09 0.00	49.44 2.93 0.00	45.56 2.70 0.00	40.77 2.20 0.00	38.47 1.73 0.00	35.57 1.73 0.00

DANSKAMMER___4 23591	32.91 1.77 0.00	30.06 1.62 0.00	27.92 1.50 0.00	27.46 1.48 0.00	28.03 1.51 0.00	31.97 1.67 0.00	39.16 2.08 0.00	40.82 2.13 0.00	42.31 1.98 0.00	42.26 1.82 0.00	42.12 1.97 0.00	42.16 2.01 0.00	40.25 1.99 0.00	41.69 1.98 0.00	40.78 2.09 0.00	42.91 2.20 0.00	44.36 2.67 0.00	50.03 3.10 0.00	49.89 3.09 0.00	49.44 2.93 0.00	45.56 2.70 0.00	40.77 2.20 0.00	38.47 1.73 0.00	35.57 1.73 0.00
DANSKAMMER___DIESEL 23592	32.91 1.77 0.00	30.06 1.62 0.00	27.92 1.51 0.00	27.49 1.51 0.00	28.03 1.51 0.00	31.97 1.67 0.00	39.16 2.08 0.00	40.82 2.13 0.00	42.31 1.98 0.00	42.30 1.86 0.00	42.12 1.97 0.00	42.16 2.01 0.00	40.25 1.99 0.00	41.69 1.99 0.00	40.79 2.09 0.00	42.91 2.20 0.00	44.40 2.71 0.00	50.03 3.10 0.00	49.85 3.04 0.00	49.44 2.93 0.00	45.60 2.74 0.00	40.81 2.24 0.00	38.50 1.76 0.00	35.57 1.73 0.00
DARBY___SOLAR 323810	33.60 1.87 -0.59	31.08 1.76 -0.87	27.97 1.56 0.00	27.51 1.53 0.00	28.08 1.56 0.00	32.03 1.73 0.00	39.34 2.26 0.00	40.82 2.13 0.00	42.47 2.14 0.00	42.70 2.26 0.00	42.40 2.25 0.00	42.36 2.21 0.00	40.21 1.95 0.00	41.73 2.02 0.00	40.55 1.86 0.00	42.75 2.03 0.00	43.94 2.25 0.00	49.71 2.77 0.00	49.61 2.81 0.00	49.39 2.88 0.00	45.52 2.66 0.00	40.89 2.31 0.00	38.65 1.91 0.00	35.57 1.73 0.00
DASHVILLE___HYD 23610	32.44 1.56 0.25	29.49 1.42 0.37	27.60 1.19 0.00	27.18 1.20 0.00	27.69 1.17 0.00	31.54 1.24 0.00	38.56 1.48 0.00	40.24 1.55 0.00	41.63 1.29 0.00	41.53 1.09 0.00	41.36 1.20 0.00	41.44 1.29 0.00	39.56 1.30 0.00	41.02 1.31 0.00	40.13 1.43 0.00	42.22 1.51 0.00	43.65 1.96 0.00	49.19 2.25 0.00	49.01 2.20 0.00	48.55 2.05 0.00	44.79 1.93 0.00	40.15 1.58 0.00	37.95 1.21 0.00	35.13 1.29 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.16 1.81 -4.22	32.85 1.65 -2.76	32.10 1.77 -3.92	31.39 1.69 -3.72	32.34 1.75 -4.07	36.28 1.97 -4.01	39.45 2.37 0.00	41.09 2.40 0.00	42.27 1.94 0.00	41.93 1.50 0.00	42.16 2.01 0.00	42.77 2.61 0.00	40.60 2.33 0.00	43.29 2.46 -1.12	42.00 2.63 -0.67	44.86 2.52 -1.63	50.48 3.00 -5.78	58.42 3.52 -7.96	55.41 3.28 -5.32	53.89 3.07 -4.31	49.44 2.79 -3.79	42.30 2.55 -1.18	37.69 0.96 0.00	35.66 1.32 -0.49
DELAWARE___LFGE 323621	32.23 1.09 0.00	29.44 1.00 0.00	27.34 0.92 0.00	26.89 0.91 0.00	27.47 0.95 0.00	31.39 1.09 0.00	38.45 1.37 0.00	40.20 1.51 0.00	41.75 1.41 0.00	41.85 1.42 0.00	41.52 1.37 0.00	41.52 1.37 0.00	39.53 1.26 0.00	41.10 1.39 0.00	39.93 1.24 0.00	42.01 1.30 0.00	43.24 1.54 0.00	48.77 1.83 0.00	48.68 1.87 0.00	48.37 1.86 0.00	44.49 1.63 0.00	39.96 1.39 0.00	37.99 1.25 0.00	34.93 1.08 0.00
DERFIELD_115KV_TB7 355931	32.52 0.22 -1.17	29.61 0.20 -0.97	27.40 0.16 -0.83	26.95 0.16 -0.81	27.51 0.16 -0.83	31.43 0.18 -0.95	37.91 0.26 -0.57	38.96 0.27 0.00	40.58 0.24 0.00	40.68 0.24 0.00	40.40 0.24 0.00	40.40 0.24 0.00	38.42 0.15 0.00	39.87 0.16 0.00	38.85 0.15 0.00	40.87 0.16 0.00	41.90 0.21 0.00	47.22 0.28 0.00	47.09 0.28 0.00	46.79 0.28 0.00	43.12 0.26 0.00	38.80 0.23 0.00	36.89 0.15 0.00	33.98 0.14 0.00
DOGLEVILLE___HYD 23807	31.84 -0.47 -1.17	28.96 -0.46 -0.97	26.77 -0.47 -0.83	26.32 -0.47 -0.81	26.87 -0.48 -0.83	30.73 -0.52 -0.95	37.06 -0.59 -0.57	38.07 -0.62 0.00	39.65 -0.69 0.00	39.71 -0.73 0.00	39.39 -0.76 0.00	39.39 -0.76 0.00	37.46 -0.81 0.00	38.95 -0.76 0.00	37.88 -0.81 0.00	39.85 -0.86 0.00	40.78 -0.92 0.00	46.00 -0.94 0.00	45.87 -0.94 0.00	45.62 -0.89 0.00	42.04 -0.82 0.00	37.92 -0.66 0.00	36.04 -0.70 0.00	33.14 -0.71 0.00
DUNKIRK___115KV_TB_200 55889	30.67 -0.47 0.00	28.19 -0.26 0.00	26.73 0.32 0.00	26.11 0.13 0.00	26.89 0.37 0.00	30.97 0.67 0.00	37.45 0.37 0.00	39.62 0.93 0.00	40.86 0.52 0.00	40.96 0.53 0.00	41.04 0.88 0.00	41.00 0.84 0.00	39.33 1.07 0.00	40.58 0.87 0.00	39.35 0.66 0.00	41.57 0.85 0.00	42.03 0.33 0.00	48.11 1.17 0.00	48.44 1.64 0.00	47.81 1.30 0.00	43.03 0.17 0.00	38.15 -0.42 0.00	37.69 0.96 0.00	34.69 0.85 0.00
DUNKIRK___1 23563	30.67 -0.47 0.00	28.19 -0.26 0.00	26.73 0.32 0.00	26.11 0.13 0.00	26.89 0.37 0.00	30.97 0.67 0.00	37.45 0.37 0.00	39.62 0.93 0.00	40.86 0.52 0.00	40.96 0.53 0.00	41.04 0.88 0.00	41.00 0.84 0.00	39.33 1.07 0.00	40.58 0.87 0.00	39.35 0.66 0.00	41.57 0.85 0.00	42.03 0.33 0.00	48.11 1.17 0.00	48.44 1.64 0.00	47.81 1.30 0.00	43.03 0.17 0.00	38.15 -0.42 0.00	37.69 0.96 0.00	34.69 0.85 0.00
DUNKIRK___2 23564	30.67 -0.47 0.00	28.19 -0.26 0.00	26.73 0.32 0.00	26.11 0.13 0.00	26.89 0.37 0.00	30.97 0.67 0.00	37.45 0.37 0.00	39.62 0.93 0.00	40.86 0.52 0.00	40.96 0.53 0.00	41.04 0.88 0.00	41.00 0.84 0.00	39.33 1.07 0.00	40.58 0.87 0.00	39.35 0.66 0.00	41.57 0.85 0.00	42.03 0.33 0.00	48.11 1.17 0.00	48.44 1.64 0.00	47.81 1.30 0.00	43.03 0.17 0.00	38.15 -0.42 0.00	37.69 0.96 0.00	34.69 0.85 0.00
DUNKIRK___3 23565	30.61 -0.53 0.00	28.13 -0.31 0.00	26.63 0.21 0.00	26.01 0.03 0.00	26.78 0.27 0.00	30.82 0.52 0.00	37.23 0.15 0.00	39.35 0.66 0.00	40.58 0.24 0.00	40.72 0.28 0.00	40.80 0.64 0.00	40.76 0.60 0.00	39.07 0.80 0.00	40.30 0.60 0.00	39.08 0.39 0.00	41.32 0.61 0.00	41.78 0.08 0.00	47.78 0.84 0.00	48.12 1.31 0.00	47.49 0.98 0.00	42.73 -0.13 0.00	37.92 -0.66 0.00	37.47 0.73 0.00	34.53 0.68 0.00
DUNKIRK___4 23566	30.61 -0.53 0.00	28.13 -0.31 0.00	26.63 0.21 0.00	26.01 0.03 0.00	26.78 0.27 0.00	30.82 0.52 0.00	37.23 0.15 0.00	39.35 0.66 0.00	40.58 0.24 0.00	40.72 0.28 0.00	40.80 0.64 0.00	40.76 0.60 0.00	39.07 0.80 0.00	40.30 0.60 0.00	39.08 0.39 0.00	41.32 0.61 0.00	41.78 0.08 0.00	47.78 0.84 0.00	48.12 1.31 0.00	47.49 0.98 0.00	42.73 -0.13 0.00	37.92 -0.66 0.00	37.47 0.73 0.00	34.53 0.68 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.06 1.87 -0.06	30.21 1.68 -0.09	28.00 1.58 0.00	27.57 1.58 0.00	28.08 1.56 0.00	32.06 1.76 0.00	39.27 2.19 0.00	41.09 2.40 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.24 2.09 0.00	42.37 2.21 0.00	40.44 2.18 0.00	43.16 2.34 -1.11	41.76 2.40 -0.67	44.85 2.52 -1.61	50.46 3.04 -5.72	58.34 3.52 -7.88	55.45 3.37 -5.27	54.03 3.26 -4.26	49.61 3.00 -3.75	41.64 2.47 -0.60	38.69 1.95 0.00	35.78 1.93 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.66 1.53 0.00	29.84 1.39 0.00	27.68 1.27 0.00	27.25 1.27 0.00	27.79 1.27 0.00	31.70 1.39 0.00	38.79 1.71 0.00	40.47 1.78 0.00	41.91 1.57 0.00	41.85 1.42 0.00	41.68 1.53 0.00	41.72 1.57 0.00	39.87 1.61 0.00	40.85 1.63 0.49	40.11 1.70 0.29	41.80 1.79 0.71	41.48 2.29 2.51	46.11 2.63 3.46	47.07 2.57 2.31	47.06 2.42 1.87	43.48 2.27 1.65	40.12 1.81 0.26	38.17 1.43 0.00	35.27 1.42 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.51 2.30 -0.07	30.61 2.08 -0.09	28.40 1.98 0.00	27.94 1.95 -0.01	28.46 1.94 0.00	32.39 2.09 0.00	39.49 2.41 0.00	41.17 2.48 0.00	42.43 2.10 0.00	42.34 1.90 0.00	42.20 2.05 0.00	42.24 2.09 0.00	40.41 2.14 0.00	43.12 2.30 -1.11	41.76 2.40 -0.67	44.73 2.40 -1.61	50.51 3.09 -5.73	58.44 3.61 -7.89	55.40 3.32 -5.27	53.94 3.16 -4.27	49.44 2.83 -3.76	41.48 2.31 -0.60	38.91 2.17 0.00	36.33 2.47 -0.01
E179THST_13_KV_LOAD 356214	33.63 2.43 -0.07	30.73 2.19 -0.09	28.50 2.09 0.00	28.02 2.03 -0.01	28.56 2.04 0.00	32.51 2.21 0.00	39.68 2.60 0.00	41.36 2.67 0.00	42.68 2.34 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.49 2.33 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.99 2.63 -0.67	45.01 2.69 -1.61	50.76 3.34 -5.73	58.72 3.90 -7.89	55.73 3.65 -5.27	54.22 3.44 -4.27	49.74 3.13 -3.76	41.68 2.51 -0.60	39.09 2.35 0.00	36.46 2.61 -0.01
EAST HAMPTON___GT 23717	37.30 1.93 -4.23	33.00 1.79 -2.77	32.30 1.95 -3.93	31.55 1.84 -3.72	32.56 1.96 -4.08	36.50 2.18 -4.02	39.75 2.67 0.00	41.29 2.59 0.00	42.15 1.82 0.00	41.93 1.50 0.00	42.16 2.01 0.00	42.66 2.49 -0.01	40.40 2.14 0.00	43.13 2.30 -1.12	41.85 2.48 -0.67	44.62 2.28 -1.63	50.10 2.63 -5.78	58.14 3.24 -7.96	54.99 2.86 -5.32	53.47 2.65 -4.31	48.79 2.14 -3.79	41.84 2.08 -1.19	37.03 0.29 0.00	35.26 0.91 -0.50
EAST RIVER___6 23660	33.31 2.12 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.69 1.71 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.56 2.48 0.00	41.52 2.82 0.00	42.71 2.38 0.00	42.58 2.14 0.00	42.53 2.37 0.00	42.65 2.49 0.00	40.75 2.49 0.00	43.48 2.66 -1.11	42.11 2.75 -0.67	45.13 2.81 -1.61	50.88 3.46 -5.73	58.87 4.04 -7.89	55.97 3.88 -5.28	54.45 3.67 -4.27	50.00 3.39 -3.76	41.95 2.78 -0.60	39.02 2.28 0.00	36.15 2.30 0.00
EAST RIVER___7 23524	33.31 2.12 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.69 1.71 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.56 2.48 0.00	41.52 2.82 0.00	42.71 2.38 0.00	42.58 2.14 0.00	42.53 2.37 0.00	42.65 2.49 0.00	40.75 2.49 0.00	43.48 2.66 -1.11	42.11 2.75 -0.67	45.13 2.81 -1.61	50.88 3.46 -5.73	58.87 4.04 -7.89	55.97 3.88 -5.28	54.45 3.67 -4.27	50.00 3.39 -3.76	41.95 2.78 -0.60	39.02 2.28 0.00	36.15 2.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.00 1.81 -0.06	30.15 1.62 -0.09	27.97 1.56 0.00	27.51 1.53 0.00	28.03 1.51 0.00	32.00 1.70 0.00	39.16 2.08 0.00	40.98 2.28 0.00	42.35 2.02 0.00	42.26 1.82 0.00	42.12 1.97 0.00	42.24 2.09 0.00	40.33 2.07 0.00	43.15 2.22 -1.22	41.71 2.28 -0.73	44.85 2.36 -1.78	50.92 2.92 -6.31	58.96 3.33 -8.69	55.80 3.18 -5.81	54.32 3.12 -4.70	49.82 2.83 -4.14	41.58 2.35 -0.66	38.61 1.87 0.00	35.71 1.86 0.00
EAST_HAMPTON___DIESEL 23722	37.27 1.90 -4.23	32.97 1.76 -2.77	32.27 1.93 -3.93	31.55 1.84 -3.72	32.56 1.96 -4.08	36.50 2.18 -4.02	39.71 2.63 0.00	41.29 2.59 0.00	42.11 1.77 0.00	41.89 1.45 0.00	42.12 1.97 0.00	42.57 2.41 -0.01	40.33 2.06 0.00	43.05 2.22 -1.12	41.73 2.36 -0.67	44.50 2.16 -1.63	49.98 2.50 -5.78	58.05 3.15 -7.96	54.84 2.71 -5.32	53.33 2.51 -4.31	48.67 2.01 -3.79	41.73 1.97 -1.19	36.92 0.18 0.00	35.16 0.81 -0.50
EAST_POINT___SOLAR 323840	34.29 2.93 -0.23	31.54 2.76 -0.34	28.95 2.54 0.00	28.48 2.49 0.00	29.12 2.60 0.00	33.27 2.97 0.00	41.16 4.08 0.00	42.41 3.71 0.00	44.09 3.75 0.00	43.92 3.48 0.00	42.93 2.77 0.00	41.88 1.73 0.00	39.72 1.45 0.00	41.25 1.55 0.00	40.32 1.62 0.00	43.15 2.44 0.00	46.07 4.38 0.00	52.29 5.35 0.00	52.33 5.52 0.00	52.13 5.63 0.00	47.87 5.01 0.00	42.81 4.24 0.00	40.49 3.75 0.00	37.03 3.18 0.00
EAST_PULASKI___ESR 323781	29.85 0.53 1.82	27.36 0.43 1.51	25.58 0.45 1.28	25.19 0.47 1.26	25.71 0.48 1.28	29.47 0.64 1.47	37.16 0.96 0.88	39.58 0.89 0.00	41.14 0.81 0.00	41.37 0.93 0.00	40.84 0.68 0.00	40.80 0.64 0.00	38.76 0.50 0.00	40.22 0.51 0.00	39.16 0.47 0.00	41.04 0.32 0.00	42.11 0.42 0.00	47.45 0.52 0.00	47.51 0.70 0.00	47.30 0.79 0.00	43.50 0.64 0.00	39.11 0.54 0.00	37.80 1.07 0.00	34.56 0.71 0.00
EAST_RIVER___1 323558	33.28 2.09 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.69 1.71 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.53 2.45 0.00	41.40 2.71 0.00	42.71 2.38 0.00	42.62 2.18 0.00	42.53 2.37 0.00	42.61 2.45 0.00	40.75 2.49 0.00	43.44 2.62 -1.11	42.07 2.71 -0.67	45.13 2.81 -1.61	50.84 3.42 -5.73	58.82 3.99 -7.89	55.87 3.79 -5.28	54.41 3.63 -4.27	49.92 3.30 -3.76	41.83 2.66 -0.60	38.94 2.20 0.00	36.08 2.23 0.00
EAST_RIVER___2 323559	33.31 2.12 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.69 1.71 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.56 2.48 0.00	41.52 2.82 0.00	42.71 2.38 0.00	42.58 2.14 0.00	42.53 2.37 0.00	42.65 2.49 0.00	40.75 2.49 0.00	43.48 2.66 -1.11	42.11 2.75 -0.67	45.13 2.81 -1.61	50.88 3.46 -5.73	58.87 4.04 -7.89	55.97 3.88 -5.28	54.45 3.67 -4.27	50.00 3.39 -3.76	41.95 2.78 -0.60	39.02 2.28 0.00	36.15 2.30 0.00
EAST___DELAWARE_HYD 23607	32.77 1.68 0.05	29.91 1.53 0.07	27.81 1.40 0.00	27.38 1.40 0.00	27.95 1.43 0.00	31.88 1.57 0.00	39.04 1.96 0.00	40.74 2.05 0.00	42.23 1.90 0.00	42.18 1.74 0.00	41.92 1.76 0.00	41.97 1.81 0.00	40.06 1.80 0.00	41.10 1.75 0.36	40.34 1.86 0.21	42.15 1.95 0.52	42.31 2.46 1.84	47.27 2.86 2.53	48.02 2.90 1.69	47.88 2.74 1.37	44.14 2.48 1.21	40.38 2.00 0.19	38.35 1.61 0.00	35.47 1.62 0.00
EIGHT_POINT___WT_PWR 323820	31.01 -0.12 0.00	28.61 0.17 0.00	27.15 0.74 0.00	26.81 0.83 0.00	27.53 1.01 0.00	31.82 1.51 0.00	39.46 2.38 0.00	41.94 3.25 0.00	43.12 2.78 0.00	43.23 2.79 0.00	43.09 2.93 0.00	42.85 2.69 0.00	40.94 2.68 0.00	42.29 2.58 0.00	41.21 2.51 0.00	43.68 2.97 0.00	45.49 3.79 0.00	51.11 4.18 0.00	51.53 4.73 0.00	51.20 4.70 0.00	46.37 3.52 0.00	41.00 2.43 0.00	39.86 3.12 0.00	36.42 2.57 0.00
ELBRIDGE_115KV_TB2 80188	31.14 0.00 0.00	28.41 -0.03 0.00	26.44 0.03 0.00	26.01 0.03 0.00	26.57 0.05 0.00	30.42 0.12 0.00	37.19 0.11 0.00	38.92 0.23 0.00	40.42 0.08 0.00	40.64 0.20 0.00	40.32 0.16 0.00	40.28 0.12 0.00	38.38 0.11 0.00	39.79 0.08 0.00	38.77 0.08 0.00	40.79 0.08 0.00	41.69 0.00 0.00	47.12 0.19 0.00	47.09 0.28 0.00	46.74 0.23 0.00	42.95 0.09 0.00	38.53 -0.04 0.00	36.92 0.18 0.00	33.92 0.07 0.00
ELEC_TRO_TEK 24086	37.66 2.30 -4.22	33.28 2.08 -2.76	32.31 1.98 -3.92	31.64 1.95 -3.72	32.55 1.96 -4.07	36.52 2.21 -4.01	39.60 2.52 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.61 2.45 0.00	42.93 2.77 0.00	40.94 2.68 0.00	43.69 2.86 -1.12	42.27 2.90 -0.67	45.27 2.93 -1.63	50.94 3.46 -5.78	58.89 3.99 -7.96	56.01 3.88 -5.32	54.58 3.77 -4.31	50.08 3.43 -3.79	42.76 3.01 -1.18	38.98 2.24 0.00	36.78 2.44 -0.49

ELLENBURG_WT_PWR 323604	4.28 -2.49 24.37	5.86 -2.33 20.25	6.93 -2.27 17.21	6.89 -2.23 16.86	6.86 -2.41 17.25	8.08 -2.51 19.71	22.21 -3.00 11.87	35.24 -3.44 0.01	37.19 -3.15 0.00	37.53 -2.91 0.00	37.51 -2.65 0.00	37.91 -2.25 0.00	36.35 -1.91 0.00	37.48 -2.22 0.00	36.49 -2.20 0.00	38.59 -2.12 0.00	39.61 -2.08 0.00	44.21 -2.72 0.00	44.32 -2.48 0.00	44.14 -2.37 0.00	41.19 -1.67 0.00	37.34 -1.24 0.00	35.45 -1.29 0.00	32.83 -1.01 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.36 -0.78 0.00	27.85 -0.60 0.00	26.28 -0.13 0.00	25.67 -0.31 0.00	26.44 -0.08 0.00	30.39 0.09 0.00	36.71 -0.37 0.00	38.54 -0.15 0.00	39.73 -0.61 0.00	39.91 -0.53 0.00	39.96 -0.20 0.00	39.92 -0.24 0.00	38.30 0.04 0.00	39.43 -0.28 0.00	38.23 -0.46 0.00	40.43 -0.28 0.00	40.73 -0.96 0.00	46.66 -0.28 0.00	46.99 0.19 0.00	46.32 -0.19 0.00	41.75 -1.11 0.00	37.07 -1.50 0.00	36.81 0.07 0.00	34.02 0.17 0.00
EMPIRE_CC_1 323656	33.32 1.28 -0.91	30.97 1.19 -1.34	27.44 1.03 0.00	26.99 1.01 0.00	27.55 1.03 0.00	31.42 1.12 0.00	38.41 1.33 0.00	39.93 1.24 0.00	41.34 1.01 0.00	41.41 0.97 0.00	41.16 1.00 0.00	41.12 0.96 0.00	39.10 0.84 0.00	40.93 0.95 -0.27	39.75 0.89 -0.16	42.12 1.02 -0.39	44.28 1.21 -1.38	50.34 1.50 -1.90	49.53 1.45 -1.27	49.02 1.49 -1.03	45.17 1.41 -0.90	40.03 1.31 -0.14	37.69 0.95 0.00	34.83 0.98 0.00
EMPIRE_CC_2 323658	33.32 1.28 -0.91	30.97 1.19 -1.34	27.44 1.03 0.00	26.99 1.01 0.00	27.55 1.03 0.00	31.42 1.12 0.00	38.41 1.33 0.00	39.93 1.24 0.00	41.34 1.01 0.00	41.41 0.97 0.00	41.16 1.00 0.00	41.12 0.96 0.00	39.10 0.84 0.00	40.93 0.95 -0.27	39.75 0.89 -0.16	42.12 1.02 -0.39	44.28 1.21 -1.38	50.34 1.50 -1.90	49.53 1.45 -1.27	49.02 1.49 -1.03	45.17 1.41 -0.90	40.03 1.31 -0.14	37.69 0.95 0.00	34.83 0.98 0.00
ENORWICH_115KV_TB1 80156	33.10 1.96 0.00	30.15 1.71 0.00	28.05 1.64 0.00	27.64 1.66 0.00	28.30 1.78 0.00	32.51 2.21 0.00	40.16 3.08 0.00	42.33 3.64 0.00	43.80 3.47 0.00	44.08 3.64 0.00	43.45 3.29 0.00	43.41 3.25 0.00	41.21 2.95 0.00	42.92 3.22 0.00	41.48 2.79 0.00	43.68 2.97 0.00	44.70 3.00 0.00	51.07 4.13 0.00	51.25 4.45 0.00	51.11 4.60 0.00	46.67 3.81 0.00	41.81 3.24 0.00	40.04 3.31 0.00	36.39 2.54 0.00
ERIE_ST_34_KV_TB1-2 80199	30.73 -0.40 0.00	28.22 -0.23 0.00	26.68 0.26 0.00	26.03 0.05 0.00	26.81 0.29 0.00	30.85 0.55 0.00	37.30 0.22 0.00	39.39 0.70 0.00	40.62 0.28 0.00	40.76 0.32 0.00	40.84 0.68 0.00	40.80 0.64 0.00	39.14 0.88 0.00	40.38 0.68 0.00	39.16 0.46 0.00	41.40 0.69 0.00	41.82 0.13 0.00	47.88 0.94 0.00	48.21 1.40 0.00	47.58 1.07 0.00	42.77 -0.09 0.00	37.92 -0.66 0.00	37.55 0.81 0.00	34.63 0.78 0.00
ERIE_WT_PWR 323693	30.54 -0.59 0.00	28.02 -0.43 0.00	26.49 0.08 0.00	26.08 0.10 0.00	26.60 0.08 0.00	30.61 0.30 0.00	37.08 0.00 0.00	38.89 0.19 0.00	40.26 -0.08 0.00	40.28 -0.16 0.00	40.36 0.20 0.00	40.40 0.24 0.00	38.65 0.38 0.00	39.83 0.12 0.00	38.73 0.04 0.00	40.83 0.12 0.00	42.61 0.92 0.00	47.13 0.19 0.00	47.46 0.65 0.00	47.02 0.51 0.00	42.43 -0.43 0.00	37.61 -0.96 0.00	37.29 0.55 0.00	34.29 0.44 0.00
ESPRGFLD_115KV_TB1 80157	33.42 2.12 -0.16	30.65 1.96 -0.24	28.24 1.82 0.00	27.77 1.79 0.00	28.40 1.88 0.00	32.51 2.21 0.00	40.01 2.93 0.00	41.71 3.02 0.00	43.40 3.07 0.00	43.47 3.03 0.00	42.97 2.81 0.00	42.73 2.57 0.00	40.60 2.33 0.00	42.17 2.46 0.00	41.02 2.32 0.00	43.32 2.61 0.00	44.82 3.13 0.00	50.83 3.90 0.00	50.83 4.03 0.00	50.55 4.05 0.00	46.37 3.51 0.00	41.54 2.97 0.00	39.46 2.72 0.00	36.15 2.30 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.88 0.75 0.00	29.10 0.65 0.00	27.13 0.71 0.00	26.68 0.70 0.00	27.26 0.74 0.00	31.24 0.94 0.00	38.30 1.22 0.00	40.24 1.55 0.00	41.67 1.33 0.00	41.89 1.46 0.00	41.48 1.33 0.00	41.44 1.29 0.00	39.45 1.19 0.00	40.94 1.23 0.00	39.86 1.16 0.00	41.97 1.26 0.00	42.94 1.25 0.00	48.77 1.83 0.00	48.82 2.01 0.00	48.46 1.95 0.00	44.45 1.59 0.00	39.77 1.20 0.00	38.10 1.36 0.00	34.90 1.05 0.00
ETNA____115KV_TB2 80207	31.88 0.75 0.00	29.10 0.65 0.00	27.13 0.71 0.00	26.68 0.70 0.00	27.26 0.74 0.00	31.24 0.94 0.00	38.30 1.22 0.00	40.24 1.55 0.00	41.67 1.33 0.00	41.89 1.46 0.00	41.48 1.33 0.00	41.44 1.29 0.00	39.45 1.19 0.00	40.94 1.23 0.00	39.86 1.16 0.00	41.97 1.26 0.00	42.94 1.25 0.00	48.77 1.83 0.00	48.82 2.01 0.00	48.46 1.95 0.00	44.45 1.59 0.00	39.77 1.20 0.00	38.10 1.36 0.00	34.90 1.05 0.00
EUCLID____115KV_TB2 356179	31.04 -0.09 0.00	28.33 -0.11 0.00	26.36 -0.05 0.00	25.93 -0.05 0.00	26.47 -0.05 0.00	30.30 0.00 0.00	37.08 0.00 0.00	38.73 0.04 0.00	40.25 -0.08 0.00	40.44 0.00 0.00	40.16 0.00 0.00	40.12 -0.04 0.00	38.22 -0.04 0.00	39.63 -0.08 0.00	38.66 -0.04 0.00	40.63 -0.08 0.00	41.53 -0.17 0.00	46.89 -0.05 0.00	46.85 0.05 0.00	46.51 0.00 0.00	42.77 -0.09 0.00	38.38 -0.19 0.00	36.77 0.04 0.00	33.75 -0.10 0.00
E_CANADA_CAP_HY 24051	34.06 2.71 -0.21	31.29 2.53 -0.32	28.74 2.33 0.00	28.27 2.29 0.00	28.91 2.39 0.00	33.03 2.73 0.00	40.75 3.67 0.00	42.25 3.56 0.00	43.97 3.63 0.00	43.95 3.52 0.00	43.37 3.21 0.00	42.89 2.73 0.00	40.71 2.45 0.00	42.25 2.54 0.00	41.21 2.51 0.00	43.68 2.97 0.00	45.70 4.00 0.00	51.77 4.84 0.00	51.77 4.96 0.00	51.53 5.02 0.00	47.32 4.46 0.00	42.35 3.78 0.00	40.12 3.38 0.00	36.76 2.91 0.00
E_CANADA_MHWK_HY 24050	31.84 -0.47 -1.17	28.96 -0.46 -0.97	26.77 -0.47 -0.83	26.32 -0.47 -0.81	26.87 -0.48 -0.83	30.73 -0.52 -0.95	37.06 -0.59 -0.57	38.07 -0.62 0.00	39.65 -0.69 0.00	39.71 -0.73 0.00	39.39 -0.76 0.00	39.39 -0.76 0.00	37.46 -0.81 0.00	38.95 -0.76 0.00	37.88 -0.81 0.00	39.85 -0.86 0.00	40.78 -0.92 0.00	46.00 -0.94 0.00	45.87 -0.94 0.00	45.62 -0.89 0.00	42.04 -0.82 0.00	37.92 -0.66 0.00	36.04 -0.70 0.00	33.14 -0.71 0.00
E_FISHKILL____LBMP 23776	32.75 1.56 -0.06	29.92 1.39 -0.09	27.74 1.32 0.00	27.28 1.30 0.00	27.82 1.30 0.00	31.76 1.45 0.00	38.82 1.74 0.00	40.55 1.86 0.00	41.95 1.61 0.00	41.89 1.46 0.00	41.72 1.57 0.00	41.80 1.65 0.00	39.87 1.61 0.00	41.80 1.71 -0.39	40.71 1.78 -0.23	43.10 1.83 -0.56	45.98 2.29 -1.99	52.31 2.63 -2.74	51.17 2.53 -1.83	50.46 2.46 -1.48	46.48 2.31 -1.30	40.71 1.93 -0.21	38.24 1.51 0.00	35.34 1.49 0.00
FALCON____SEABRD_CC1 323796	4.56 -2.21 24.37	6.14 -2.05 20.25	7.25 -1.95 17.21	7.17 -1.95 16.86	7.21 -2.07 17.25	8.42 -2.18 19.71	22.65 -2.56 11.87	35.78 -2.90 0.01	37.80 -2.54 0.00	38.05 -2.39 0.00	37.95 -2.21 0.00	38.27 -1.89 0.00	36.62 -1.64 0.00	37.84 -1.87 0.00	36.84 -1.86 0.00	38.88 -1.83 0.00	39.94 -1.75 0.00	44.45 -2.49 0.00	44.56 -2.25 0.00	44.37 -2.14 0.00	41.53 -1.33 0.00	37.57 -1.00 0.00	35.67 -1.07 0.00	33.00 -0.84 0.00

FALCON___SEABRD_CC2 323797	4.56 -2.21 24.37	6.14 -2.05 20.25	7.25 -1.95 17.21	7.17 -1.95 16.86	7.21 -2.07 17.25	8.42 -2.18 19.71	22.65 -2.56 11.87	35.78 -2.90 0.01	37.80 -2.54 0.00	38.05 -2.39 0.00	37.95 -2.21 0.00	38.27 -1.89 0.00	36.62 -1.64 0.00	37.84 -1.87 0.00	36.84 -1.86 0.00	38.88 -1.83 0.00	39.94 -1.75 0.00	44.45 -2.49 0.00	44.56 -2.25 0.00	44.37 -2.14 0.00	41.53 -1.33 0.00	37.57 -1.00 0.00	35.67 -1.07 0.00	33.00 -0.84 0.00
FAR ROCKAWAY___4 23548	38.04 2.68 -4.22	33.62 2.42 -2.76	32.63 2.30 -3.92	31.98 2.29 -3.72	32.87 2.28 -4.07	36.89 2.58 -4.01	40.05 2.97 0.00	41.75 3.06 0.00	43.16 2.82 0.00	43.11 2.67 0.00	43.29 3.13 0.00	43.65 3.49 0.00	41.63 3.37 0.00	44.36 3.53 -1.12	42.93 3.56 -0.67	45.96 3.62 -1.63	51.69 4.21 -5.78	59.78 4.88 -7.96	56.90 4.77 -5.32	55.47 4.65 -4.31	50.85 4.20 -3.79	43.42 3.66 -1.18	39.68 2.94 0.00	37.35 3.01 -0.49
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.28 2.09 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.72 1.74 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.53 2.45 0.00	41.40 2.71 0.00	42.76 2.42 0.00	42.62 2.18 0.00	42.53 2.37 0.00	42.65 2.49 0.00	40.75 2.49 0.00	43.48 2.66 -1.11	42.07 2.71 -0.67	45.13 2.81 -1.61	50.84 3.42 -5.73	58.82 3.99 -7.89	55.87 3.79 -5.28	54.41 3.63 -4.27	49.92 3.30 -3.76	41.87 2.70 -0.60	38.98 2.24 0.00	36.08 2.23 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.28 2.09 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.72 1.74 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.53 2.45 0.00	41.40 2.71 0.00	42.76 2.42 0.00	42.66 2.22 0.00	42.53 2.37 0.00	42.65 2.49 0.00	40.75 2.49 0.00	43.48 2.66 -1.11	42.07 2.71 -0.67	45.13 2.81 -1.61	50.84 3.42 -5.73	58.82 3.99 -7.89	55.87 3.79 -5.28	54.41 3.63 -4.27	49.92 3.30 -3.76	41.87 2.70 -0.60	38.98 2.24 0.00	36.08 2.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.28 2.09 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.72 1.74 0.00	28.24 1.72 0.00	32.21 1.91 0.00	39.49 2.41 0.00	41.36 2.67 0.00	42.72 2.38 0.00	42.62 2.18 0.00	42.53 2.37 0.00	42.61 2.45 0.00	40.71 2.45 0.00	43.44 2.62 -1.11	42.03 2.67 -0.67	45.09 2.77 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.83 3.74 -5.28	54.36 3.58 -4.27	49.87 3.26 -3.76	41.83 2.66 -0.60	38.94 2.20 0.00	36.08 2.23 0.00
FARRAGUT___LBMP 323566	33.25 2.06 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.70 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.32 2.63 0.00	42.68 2.34 0.00	42.58 2.14 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	41.99 2.63 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.73 3.90 -7.89	55.78 3.70 -5.28	54.31 3.53 -4.27	49.87 3.26 -3.76	41.79 2.62 -0.60	38.94 2.20 0.00	36.05 2.20 0.00
FENNER___WINDPWR 24204	31.85 0.72 0.00	29.07 0.62 0.00	27.02 0.61 0.00	26.58 0.60 0.00	27.16 0.64 0.00	31.09 0.79 0.00	38.12 1.04 0.00	39.93 1.24 0.00	41.54 1.21 0.00	41.73 1.29 0.00	41.32 1.17 0.00	41.32 1.17 0.00	39.26 0.99 0.00	40.78 1.07 0.00	39.70 1.00 0.00	41.73 1.02 0.00	42.82 1.13 0.00	48.25 1.31 0.00	48.21 1.40 0.00	48.00 1.49 0.00	44.10 1.24 0.00	39.57 1.00 0.00	37.80 1.07 0.00	34.66 0.81 0.00
FIBERTEK___ENERGY 23856	31.39 0.25 0.00	28.64 0.20 0.00	26.65 0.24 0.00	26.21 0.23 0.00	26.76 0.24 0.00	30.64 0.33 0.00	37.53 0.44 0.00	39.23 0.54 0.00	40.74 0.40 0.00	41.00 0.57 0.00	40.68 0.52 0.00	40.64 0.48 0.00	38.72 0.46 0.00	40.14 0.44 0.00	39.12 0.43 0.00	41.12 0.41 0.00	42.03 0.33 0.00	47.50 0.56 0.00	47.46 0.66 0.00	47.11 0.60 0.00	43.33 0.47 0.00	38.84 0.27 0.00	37.25 0.51 0.00	34.19 0.34 0.00
FITZPATRICK____ 23598	30.61 -0.53 0.00	27.96 -0.48 0.00	25.99 -0.42 0.00	25.56 -0.42 0.00	26.09 -0.43 0.00	29.85 -0.45 0.00	36.53 -0.56 0.00	38.15 -0.54 0.00	39.73 -0.60 0.00	39.83 -0.61 0.00	39.56 -0.60 0.00	39.56 -0.60 0.00	37.69 -0.57 0.00	39.07 -0.64 0.00	38.08 -0.62 0.00	40.02 -0.69 0.00	41.11 -0.58 0.00	46.18 -0.75 0.00	46.11 -0.70 0.00	45.81 -0.70 0.00	42.17 -0.69 0.00	37.88 -0.69 0.00	36.22 -0.51 0.00	33.27 -0.58 0.00
FLOWRFLD_69_KV_BK1 356044	37.66 2.30 -4.22	33.28 2.08 -2.76	32.34 2.01 -3.92	31.62 1.92 -3.72	32.55 1.96 -4.07	36.52 2.21 -4.01	39.71 2.63 0.00	41.36 2.67 0.00	42.63 2.30 0.00	42.42 1.98 0.00	42.61 2.45 0.00	43.13 2.97 0.00	41.09 2.83 0.00	43.85 3.02 -1.12	42.50 3.13 -0.67	45.51 3.18 -1.63	50.89 3.42 -5.78	58.94 4.04 -7.96	56.06 3.93 -5.32	54.58 3.77 -4.31	50.38 3.73 -3.79	43.07 3.32 -1.18	38.80 2.06 0.00	36.67 2.34 -0.49
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.97 1.84 0.00	30.12 1.68 0.00	27.97 1.56 0.00	27.54 1.56 0.00	28.06 1.54 0.00	32.03 1.73 0.00	39.23 2.15 0.00	40.90 2.21 0.00	42.39 2.06 0.00	42.34 1.90 0.00	42.20 2.05 0.00	42.24 2.09 0.00	40.33 2.07 0.00	41.77 2.06 0.00	40.86 2.17 0.00	42.99 2.28 0.00	44.45 2.75 0.00	50.13 3.19 0.00	49.94 3.14 0.00	49.53 3.02 0.00	45.69 2.83 0.00	40.85 2.28 0.00	38.54 1.80 0.00	35.64 1.79 0.00
FORT ORANGE____ 23900	30.30 0.84 1.68	26.76 0.80 2.48	27.08 0.66 0.00	26.63 0.65 0.00	27.18 0.66 0.00	31.00 0.70 0.00	38.01 0.93 0.00	39.12 0.43 0.00	40.62 0.28 0.00	40.72 0.29 0.00	40.40 0.24 0.00	40.36 0.20 0.00	38.38 0.12 0.00	39.83 0.12 0.00	38.81 0.12 0.00	40.92 0.20 0.00	42.07 0.37 0.00	47.50 0.57 0.00	47.41 0.61 0.00	47.11 0.60 0.00	43.50 0.64 0.00	39.15 0.58 0.00	37.03 0.29 0.00	34.42 0.57 0.00
FORT_DRUM_COGEN 23780	26.64 0.53 5.03	24.66 0.40 4.18	23.23 0.37 3.55	22.87 0.36 3.48	23.41 0.45 3.56	26.87 0.64 4.06	35.82 1.19 2.45	40.12 1.43 0.00	41.95 1.61 0.00	42.10 1.66 0.00	41.44 1.29 0.00	41.20 1.04 0.00	39.03 0.77 0.00	40.46 0.75 0.00	39.20 0.50 0.00	41.20 0.49 0.00	42.11 0.42 0.00	47.78 0.84 0.00	48.02 1.22 0.00	47.90 1.40 0.00	44.06 1.20 0.00	39.69 1.12 0.00	38.06 1.32 0.00	34.76 0.91 0.00
FOX_HILLS___ESR 323835	33.54 2.34 -0.07	30.64 2.10 -0.09	28.46 2.03 -0.01	27.99 2.00 -0.01	28.52 1.99 -0.01	32.52 2.21 -0.01	39.60 2.52 0.00	41.09 2.40 0.00	42.39 2.06 0.00	42.30 1.86 0.00	42.24 2.09 0.00	42.33 2.17 0.00	40.48 2.22 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.81 2.48 -1.61	50.59 3.17 -5.73	58.54 3.71 -7.89	55.50 3.42 -5.27	54.03 3.26 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	39.10 2.35 -0.01	36.36 2.50 -0.01
FPL FAR_ROCK_GT1 24212	38.04 2.68 -4.23	33.62 2.42 -2.77	32.64 2.30 -3.93	31.96 2.26 -3.72	32.88 2.28 -4.08	36.89 2.57 -4.02	40.05 2.97 0.00	41.75 3.06 0.00	43.04 2.70 0.00	43.06 2.63 0.00	43.29 3.13 0.00	43.66 3.49 -0.01	41.59 3.33 0.00	44.36 3.53 -1.12	42.93 3.56 -0.67	45.96 3.62 -1.63	51.68 4.21 -5.78	59.83 4.93 -7.96	57.00 4.87 -5.32	55.51 4.70 -4.31	50.81 4.16 -3.79	43.43 3.67 -1.19	39.61 2.87 0.00	37.36 3.01 -0.50



FPL FAR_ROCK_GT2 23815	38.04 2.68 -4.23	33.62 2.42 -2.77	32.64 2.30 -3.93	31.96 2.26 -3.72	32.88 2.28 -4.08	36.89 2.57 -4.02	40.05 2.97 0.00	41.75 3.06 0.00	43.04 2.70 0.00	43.06 2.63 0.00	43.29 3.13 0.00	43.66 3.49 -0.01	41.59 3.33 0.00	44.36 3.53 -1.12	42.93 3.56 -0.67	45.96 3.62 -1.63	51.68 4.21 -5.78	59.83 4.93 -7.96	57.00 4.87 -5.32	55.51 4.70 -4.31	50.81 4.16 -3.79	43.43 3.67 -1.19	39.61 2.87 0.00	37.36 3.01 -0.50
FRANKLIN_FALL_HYD 24054	6.87 -1.49 22.77	8.15 -1.37 18.93	9.04 -1.29 16.08	8.95 -1.27 15.76	9.05 -1.35 16.12	10.46 -1.42 18.42	24.35 -1.63 11.10	36.87 -1.82 0.01	39.00 -1.33 0.00	39.14 -1.29 0.00	38.87 -1.29 0.00	38.95 -1.20 0.00	37.19 -1.07 0.00	38.48 -1.23 0.00	37.42 -1.28 0.00	39.41 -1.30 0.00	40.53 -1.17 0.00	45.34 -1.60 0.00	45.50 -1.31 0.00	45.35 -1.16 0.00	42.05 -0.81 0.00	37.95 -0.62 0.00	36.19 -0.55 0.00	33.44 -0.41 0.00
FREEPORT_EQUS_GT1 23764	37.80 2.43 -4.23	33.40 2.19 -2.77	32.43 2.09 -3.93	31.73 2.03 -3.72	32.67 2.07 -4.08	36.65 2.33 -4.02	39.75 2.67 0.00	41.32 2.63 0.00	42.59 2.26 0.00	42.54 2.10 0.00	42.77 2.61 0.00	43.14 2.97 -0.01	41.09 2.83 0.00	43.89 3.06 -1.12	42.50 3.13 -0.67	45.35 3.01 -1.63	51.02 3.54 -5.78	59.13 4.23 -7.96	56.29 4.16 -5.32	54.77 3.95 -4.31	50.17 3.52 -3.79	43.00 3.24 -1.19	39.09 2.35 0.00	36.99 2.64 -0.50
FREEPORT___CT2 23818	37.80 2.43 -4.23	33.40 2.19 -2.77	32.43 2.09 -3.93	31.73 2.03 -3.72	32.67 2.07 -4.08	36.65 2.33 -4.02	39.75 2.67 0.00	41.32 2.63 0.00	42.59 2.26 0.00	42.54 2.10 0.00	42.77 2.61 0.00	43.14 2.97 -0.01	41.09 2.83 0.00	43.89 3.06 -1.12	42.50 3.13 -0.67	45.35 3.01 -1.63	51.02 3.54 -5.78	59.13 4.23 -7.96	56.29 4.16 -5.32	54.77 3.95 -4.31	50.17 3.52 -3.79	43.00 3.24 -1.19	39.09 2.35 0.00	36.99 2.64 -0.50
FRESHKLS_33_KV_LOAD 356253	33.57 2.37 -0.07	30.70 2.16 -0.09	28.48 2.06 -0.01	28.04 2.05 -0.01	28.57 2.04 -0.01	32.58 2.27 -0.01	39.60 2.52 0.00	41.05 2.36 0.00	42.39 2.06 0.00	42.26 1.82 0.00	42.20 2.05 0.00	42.28 2.13 0.00	40.44 2.18 0.00	43.16 2.34 -1.11	41.84 2.48 -0.67	44.77 2.44 -1.61	50.59 3.17 -5.73	58.54 3.71 -7.89	55.50 3.42 -5.27	54.03 3.26 -4.27	49.57 2.96 -3.76	41.52 2.35 -0.60	39.13 2.39 -0.01	36.36 2.50 -0.01
FULTON COGEN____ 23766	30.87 0.56 0.82	28.21 0.46 0.69	26.31 0.48 0.58	25.88 0.47 0.57	26.41 0.48 0.58	30.27 0.64 0.67	37.57 0.89 0.40	39.54 0.85 0.00	41.06 0.73 0.00	41.33 0.89 0.00	40.92 0.76 0.00	40.92 0.76 0.00	38.95 0.69 0.00	40.38 0.68 0.00	39.35 0.66 0.00	41.32 0.61 0.00	42.19 0.50 0.00	47.74 0.80 0.00	47.74 0.94 0.00	47.44 0.93 0.00	43.59 0.73 0.00	39.11 0.54 0.00	37.73 0.99 0.00	34.53 0.68 0.00
FULTON___LFGE 323630	33.89 2.52 -0.24	31.18 2.39 -0.35	28.61 2.19 0.00	28.11 2.13 0.00	28.75 2.23 0.00	32.85 2.55 0.00	40.53 3.45 0.00	41.94 3.25 0.00	43.72 3.39 0.00	43.79 3.35 0.00	43.25 3.09 0.00	42.89 2.73 0.00	40.68 2.41 0.00	42.21 2.50 0.00	41.17 2.48 0.00	43.60 2.89 0.00	45.40 3.71 0.00	51.49 4.55 0.00	51.49 4.68 0.00	51.25 4.75 0.00	47.06 4.20 0.00	42.16 3.59 0.00	39.90 3.16 0.00	36.56 2.71 0.00
G.F.CEMENT___DRP 24184	33.88 2.24 -0.50	31.28 2.10 -0.73	28.32 1.90 0.00	27.83 1.84 0.00	28.40 1.88 0.00	32.39 2.09 0.00	39.90 2.82 0.00	41.36 2.67 0.00	43.20 2.86 0.00	43.47 3.03 0.00	43.21 3.05 0.00	43.13 2.97 0.00	40.90 2.64 0.00	42.37 2.66 0.00	41.25 2.55 0.00	43.40 2.69 0.00	44.57 2.88 0.00	50.50 3.57 0.00	50.46 3.65 0.00	50.28 3.77 0.00	46.25 3.39 0.00	41.50 2.93 0.00	39.20 2.46 0.00	36.01 2.17 0.00
GARDENVILLE___LBMP 24039	30.45 -0.69 0.00	27.93 -0.51 0.00	26.39 -0.03 0.00	25.77 -0.21 0.00	26.52 0.00 0.00	30.51 0.21 0.00	36.86 -0.22 0.00	38.73 0.04 0.00	39.97 -0.36 0.00	40.11 -0.32 0.00	40.20 0.04 0.00	40.16 0.00 0.00	38.49 0.23 0.00	39.67 -0.04 0.00	38.46 -0.23 0.00	40.67 -0.04 0.00	41.03 -0.67 0.00	46.94 0.00 0.00	47.27 0.47 0.00	46.65 0.14 0.00	42.00 -0.86 0.00	37.30 -1.27 0.00	37.00 0.26 0.00	34.15 0.30 0.00
GARDNVLA_35_KV_LD 355827	30.58 -0.56 0.00	28.04 -0.40 0.00	26.49 0.08 0.00	25.85 -0.13 0.00	26.63 0.11 0.00	30.64 0.33 0.00	37.01 -0.07 0.00	38.89 0.19 0.00	40.13 -0.20 0.00	40.28 -0.16 0.00	40.36 0.20 0.00	40.32 0.16 0.00	38.68 0.42 0.00	39.87 0.16 0.00	38.66 -0.04 0.00	40.87 0.16 0.00	41.19 -0.50 0.00	47.17 0.23 0.00	47.51 0.70 0.00	46.83 0.33 0.00	42.17 -0.69 0.00	37.45 -1.12 0.00	37.14 0.40 0.00	34.32 0.47 0.00
GELCKHM___115KV_LOAD 80723	31.17 0.03 0.00	28.44 0.00 0.00	26.44 0.03 0.00	26.01 0.03 0.00	26.57 0.05 0.00	30.42 0.12 0.00	37.23 0.15 0.00	38.92 0.23 0.00	40.46 0.12 0.00	40.64 0.20 0.00	40.32 0.16 0.00	40.32 0.16 0.00	38.42 0.15 0.00	39.83 0.12 0.00	38.81 0.12 0.00	40.79 0.08 0.00	41.69 0.00 0.00	47.12 0.19 0.00	47.09 0.28 0.00	46.74 0.23 0.00	42.95 0.09 0.00	38.57 0.00 0.00	36.96 0.22 0.00	33.92 0.07 0.00
GENERAL___MILLS 23808	30.51 -0.62 0.00	28.02 -0.43 0.00	26.44 0.03 0.00	25.82 -0.16 0.00	26.60 0.08 0.00	30.61 0.30 0.00	36.97 -0.11 0.00	38.85 0.15 0.00	40.09 -0.24 0.00	40.24 -0.20 0.00	40.32 0.16 0.00	40.28 0.12 0.00	38.61 0.34 0.00	39.79 0.08 0.00	38.58 -0.12 0.00	40.79 0.08 0.00	41.11 -0.58 0.00	47.08 0.14 0.00	47.41 0.61 0.00	46.79 0.28 0.00	42.13 -0.73 0.00	37.38 -1.20 0.00	37.11 0.37 0.00	34.25 0.41 0.00
GE_PLASTICS___DRP 24183	30.50 0.78 1.41	27.09 0.74 2.09	27.05 0.63 0.00	26.60 0.62 0.00	27.13 0.61 0.00	30.94 0.64 0.00	37.90 0.82 0.00	39.31 0.62 0.00	40.86 0.52 0.00	40.92 0.49 0.00	40.68 0.52 0.00	40.64 0.48 0.00	38.65 0.38 0.00	40.14 0.44 0.00	39.12 0.43 0.00	41.20 0.49 0.00	42.36 0.67 0.00	47.78 0.84 0.00	47.65 0.84 0.00	47.44 0.93 0.00	43.76 0.90 0.00	39.34 0.77 0.00	37.25 0.51 0.00	34.39 0.54 0.00
GILBOA___1 23756	31.98 0.84 0.00	29.21 0.77 0.00	27.13 0.71 0.00	26.68 0.70 0.00	27.24 0.72 0.00	31.09 0.79 0.00	38.04 0.96 0.00	39.66 0.97 0.00	41.14 0.81 0.00	41.17 0.73 0.00	40.96 0.80 0.00	40.96 0.80 0.00	39.03 0.76 0.00	40.54 0.84 0.00	39.51 0.81 0.00	41.61 0.89 0.00	42.74 1.04 0.00	48.02 1.08 0.00	47.88 1.08 0.00	47.53 1.02 0.00	43.93 1.07 0.00	39.54 0.96 0.00	37.51 0.77 0.00	34.59 0.74 0.00
GILBOA___2 23757	31.98 0.84 0.00	29.21 0.77 0.00	27.13 0.71 0.00	26.68 0.70 0.00	27.24 0.72 0.00	31.09 0.79 0.00	38.04 0.96 0.00	39.66 0.97 0.00	41.14 0.81 0.00	41.17 0.73 0.00	40.96 0.80 0.00	40.96 0.80 0.00	39.03 0.76 0.00	40.54 0.84 0.00	39.51 0.81 0.00	41.61 0.89 0.00	42.74 1.04 0.00	48.02 1.08 0.00	47.88 1.08 0.00	47.53 1.02 0.00	43.93 1.07 0.00	39.54 0.96 0.00	37.51 0.77 0.00	34.59 0.74 0.00

GILBOA___3 23758	31.98 0.84 0.00	29.21 0.77 0.00	27.13 0.71 0.00	26.68 0.70 0.00	27.24 0.72 0.00	31.09 0.79 0.00	38.04 0.96 0.00	39.66 0.97 0.00	41.14 0.81 0.00	41.17 0.73 0.00	40.96 0.80 0.00	40.96 0.80 0.00	39.03 0.76 0.00	40.54 0.84 0.00	39.51 0.81 0.00	41.61 0.89 0.00	42.74 1.04 0.00	48.02 1.08 0.00	47.88 1.08 0.00	47.53 1.02 0.00	43.93 1.07 0.00	39.54 0.96 0.00	37.51 0.77 0.00	34.59 0.74 0.00
GILBOA___4 23759	31.98 0.84 0.00	29.21 0.77 0.00	27.13 0.71 0.00	26.68 0.70 0.00	27.24 0.72 0.00	31.09 0.79 0.00	38.04 0.96 0.00	39.66 0.97 0.00	41.14 0.81 0.00	41.17 0.73 0.00	40.96 0.80 0.00	40.96 0.80 0.00	39.03 0.76 0.00	40.54 0.84 0.00	39.51 0.81 0.00	41.61 0.89 0.00	42.74 1.04 0.00	48.02 1.08 0.00	47.88 1.08 0.00	47.53 1.02 0.00	43.93 1.07 0.00	39.54 0.96 0.00	37.51 0.77 0.00	34.59 0.74 0.00
GILBOA___ 23599	31.98 0.84 0.00	29.21 0.77 0.00	27.13 0.71 0.00	26.68 0.70 0.00	27.24 0.72 0.00	31.09 0.79 0.00	38.01 0.93 0.00	39.66 0.97 0.00	41.14 0.81 0.00	41.21 0.77 0.00	40.96 0.80 0.00	40.96 0.80 0.00	39.03 0.77 0.00	40.54 0.83 0.00	39.51 0.81 0.00	41.61 0.90 0.00	42.69 1.00 0.00	48.02 1.08 0.00	47.88 1.08 0.00	47.58 1.07 0.00	43.97 1.11 0.00	39.57 1.00 0.00	37.51 0.77 0.00	34.59 0.74 0.00
GINNA___ 23603	29.39 -1.74 0.00	26.91 -1.54 0.00	25.15 -1.27 0.00	24.76 -1.22 0.00	25.33 -1.19 0.00	29.12 -1.18 0.00	35.52 -1.56 0.00	37.10 -1.59 0.00	38.56 -1.77 0.00	38.86 -1.58 0.00	38.63 -1.53 0.00	38.47 -1.69 0.00	36.85 -1.41 0.00	37.96 -1.75 0.00	37.03 -1.66 0.00	38.84 -1.87 0.00	40.32 -1.37 0.00	44.87 -2.06 0.00	45.03 -1.78 0.00	44.65 -1.86 0.00	40.68 -2.18 0.00	36.26 -2.31 0.00	35.45 -1.29 0.00	32.49 -1.35 0.00
GLEN PARK___ 23778	27.14 0.78 4.77	25.10 0.62 3.97	23.60 0.56 3.37	23.25 0.57 3.30	23.78 0.64 3.38	27.32 0.88 3.86	36.24 1.48 2.33	40.39 1.70 0.00	42.19 1.86 0.00	42.38 1.94 0.00	41.64 1.49 0.00	41.44 1.28 0.00	39.22 0.96 0.00	40.70 0.99 0.00	39.39 0.70 0.00	41.44 0.73 0.00	42.48 0.79 0.00	48.16 1.22 0.00	48.35 1.54 0.00	48.32 1.81 0.00	44.40 1.54 0.00	40.00 1.43 0.00	38.35 1.61 0.00	34.96 1.12 0.00
GLENDALE_27_KV_LOAD 356172	33.51 2.30 -0.07	30.58 2.05 -0.09	28.37 1.95 0.00	27.91 1.92 -0.01	28.43 1.91 0.00	32.42 2.12 0.00	39.68 2.60 0.00	41.48 2.79 0.00	42.84 2.50 0.00	42.70 2.26 0.00	42.61 2.45 0.00	42.69 2.53 0.00	40.83 2.56 0.00	43.52 2.70 -1.11	42.15 2.79 -0.67	45.21 2.89 -1.61	50.97 3.54 -5.73	58.91 4.08 -7.89	55.92 3.84 -5.27	54.45 3.67 -4.27	49.92 3.30 -3.76	41.87 2.70 -0.60	39.13 2.39 0.00	36.32 2.47 0.00
GLENWOOD_IC_1_G5 23712	37.82 2.46 -4.22	33.42 2.22 -2.76	32.45 2.11 -3.92	31.77 2.08 -3.72	32.69 2.10 -4.07	36.67 2.36 -4.01	39.82 2.74 0.00	41.21 2.52 0.00	42.55 2.22 0.00	42.46 2.02 0.00	42.61 2.45 0.00	43.01 2.85 0.00	40.98 2.72 0.00	43.73 2.90 -1.12	42.31 2.94 -0.67	45.31 2.97 -1.63	50.98 3.50 -5.78	58.94 4.04 -7.96	56.06 3.93 -5.32	54.58 3.77 -4.31	50.08 3.43 -3.79	42.76 3.01 -1.18	38.91 2.17 0.00	37.01 2.67 -0.49
GLENWOOD_IC_2_G1 23688	37.73 2.37 -4.23	33.34 2.13 -2.77	32.37 2.03 -3.93	31.68 1.97 -3.72	32.62 2.01 -4.08	36.59 2.27 -4.02	39.71 2.63 0.00	41.29 2.59 0.00	42.55 2.22 0.00	42.54 2.10 0.00	42.69 2.53 0.00	43.02 2.85 -0.01	41.02 2.76 0.00	43.77 2.94 -1.12	42.39 3.02 -0.67	45.39 3.05 -1.63	51.06 3.59 -5.78	59.08 4.18 -7.96	56.20 4.07 -5.32	54.72 3.91 -4.31	50.17 3.52 -3.79	42.81 3.05 -1.19	38.98 2.24 0.00	36.89 2.54 -0.50
GLENWOOD_IC_3_G1 23689	37.73 2.37 -4.23	33.34 2.13 -2.77	32.37 2.03 -3.93	31.68 1.97 -3.72	32.62 2.01 -4.08	36.59 2.27 -4.02	39.71 2.63 0.00	41.29 2.59 0.00	42.55 2.22 0.00	42.54 2.10 0.00	42.69 2.53 0.00	43.02 2.85 -0.01	41.02 2.76 0.00	43.77 2.94 -1.12	42.39 3.02 -0.67	45.39 3.05 -1.63	51.06 3.59 -5.78	59.08 4.18 -7.96	56.20 4.07 -5.32	54.72 3.91 -4.31	50.17 3.52 -3.79	42.81 3.05 -1.19	38.98 2.24 0.00	36.89 2.54 -0.50
GLENWOOD___4 23550	37.82 2.46 -4.22	33.42 2.22 -2.76	32.45 2.11 -3.92	31.77 2.08 -3.72	32.69 2.10 -4.07	36.67 2.36 -4.01	39.82 2.74 0.00	41.28 2.59 0.00	42.68 2.34 0.00	42.58 2.14 0.00	42.73 2.57 0.00	43.13 2.83 0.00	41.09 2.83 0.00	43.85 3.02 -1.12	42.42 3.06 -0.67	45.43 3.09 -1.63	51.10 3.63 -5.78	59.08 4.18 -7.96	56.16 4.03 -5.32	54.72 3.91 -4.31	50.21 3.56 -3.79	42.84 3.09 -1.18	39.02 2.28 0.00	37.01 2.67 -0.49
GLENWOOD___5 23614	37.82 2.46 -4.22	33.42 2.22 -2.76	32.45 2.11 -3.92	31.77 2.08 -3.72	32.69 2.10 -4.07	36.67 2.36 -4.01	39.82 2.74 0.00	41.28 2.59 0.00	42.68 2.34 0.00	42.58 2.14 0.00	42.73 2.57 0.00	43.13 2.83 0.00	41.09 2.83 0.00	43.85 3.02 -1.12	42.42 3.06 -0.67	45.43 3.09 -1.63	51.10 3.63 -5.78	59.08 4.18 -7.96	56.16 4.03 -5.32	54.72 3.91 -4.31	50.21 3.56 -3.79	42.84 3.09 -1.18	39.02 2.28 0.00	37.01 2.67 -0.49
GLOBAL GREEN_PORT_GT1 23814	37.36 1.99 -4.23	33.03 1.82 -2.77	32.30 1.95 -3.93	31.55 1.84 -3.72	32.56 1.96 -4.08	36.53 2.21 -4.02	39.75 2.67 0.00	41.36 2.67 0.00	42.27 1.94 0.00	42.10 1.66 0.00	42.40 2.25 0.00	42.90 2.73 -0.01	40.68 2.41 0.00	43.45 2.62 -1.12	42.16 2.79 -0.67	44.98 2.64 -1.63	50.52 3.04 -5.78	58.66 3.76 -7.96	55.54 3.42 -5.32	54.02 3.21 -4.31	49.31 2.66 -3.79	42.27 2.51 -1.19	37.47 0.73 0.00	35.63 1.29 -0.50
GLOBE___DSASP 323697	29.70 -1.43 0.00	27.25 -1.19 0.00	25.67 -0.74 0.00	25.07 -0.91 0.00	25.80 -0.72 0.00	29.67 -0.64 0.00	35.60 -1.48 0.00	37.11 -1.59 0.00	38.28 -2.06 0.00	38.46 -1.98 0.00	38.51 -1.65 0.00	38.47 -1.69 0.00	36.92 -1.34 0.00	37.88 -1.83 0.00	36.76 -1.93 0.00	38.92 -1.79 0.00	39.07 -2.63 0.00	44.82 -2.11 0.00	45.12 -1.69 0.00	44.46 -2.05 0.00	40.12 -2.74 0.00	35.64 -2.93 0.00	35.56 -1.18 0.00	32.97 -0.88 0.00
GOETHSLN___LBMP 323567	33.13 1.93 -0.06	30.24 1.71 -0.09	28.03 1.61 0.00	27.59 1.61 0.00	28.11 1.59 0.00	32.06 1.76 0.00	39.27 2.19 0.00	41.17 2.48 0.00	42.47 2.14 0.00	42.38 1.94 0.00	42.28 2.13 0.00	42.37 2.21 0.00	40.52 2.26 0.00	43.20 2.38 -1.11	41.84 2.48 -0.67	44.89 2.56 -1.61	50.59 3.17 -5.73	58.54 3.71 -7.89	55.59 3.51 -5.28	54.13 3.35 -4.27	49.66 3.04 -3.76	41.64 2.47 -0.60	38.76 2.02 0.00	35.91 2.06 0.00
GOLAH___69_KV_TB 1_2 80279	30.73 -0.40 0.00	28.16 -0.28 0.00	26.39 -0.03 0.00	25.85 -0.13 0.00	26.55 0.03 0.00	30.58 0.27 0.00	37.01 -0.07 0.00	38.69 0.00 0.00	40.09 -0.24 0.00	40.36 -0.08 0.00	40.20 0.04 0.00	40.00 -0.16 0.00	38.38 0.11 0.00	39.47 -0.24 0.00	38.35 -0.35 0.00	40.39 -0.33 0.00	40.86 -0.83 0.00	46.70 -0.23 0.00	46.95 0.14 0.00	46.37 -0.14 0.00	42.09 -0.77 0.00	37.49 -1.08 0.00	37.00 0.26 0.00	34.09 0.24 0.00

GOODYEAR_LAKE_HYD 323669	32.67 1.46 -0.07	29.88 1.34 -0.10	27.66 1.24 0.00	27.20 1.22 0.00	27.82 1.30 0.00	31.82 1.52 0.00	39.05 1.97 0.00	40.82 2.13 0.00	42.39 2.06 0.00	42.54 2.10 0.00	42.12 1.97 0.00	42.08 1.93 0.00	40.02 1.76 0.00	41.61 1.91 0.00	40.44 1.74 0.00	42.58 1.87 0.00	43.82 2.13 0.00	49.57 2.63 0.00	49.47 2.67 0.00	49.16 2.65 0.00	45.17 2.31 0.00	40.54 1.97 0.00	38.54 1.80 0.00	35.37 1.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.45 0.31 0.00	28.78 0.34 0.00	26.86 0.45 0.00	26.40 0.42 0.00	27.00 0.48 0.00	30.91 0.61 0.00	37.71 0.63 0.00	39.66 0.97 0.00	41.06 0.73 0.00	41.25 0.81 0.00	41.00 0.84 0.00	41.00 0.84 0.00	39.10 0.84 0.00	40.54 0.83 0.00	39.47 0.77 0.00	41.57 0.85 0.00	42.53 0.83 0.00	48.16 1.22 0.00	48.21 1.40 0.00	47.81 1.30 0.00	43.76 0.90 0.00	39.15 0.58 0.00	37.58 0.84 0.00	34.53 0.68 0.00
GOUDEY___7 23579	31.45 0.31 0.00	28.78 0.34 0.00	26.86 0.45 0.00	26.40 0.42 0.00	27.00 0.48 0.00	30.91 0.61 0.00	37.71 0.63 0.00	39.66 0.97 0.00	41.06 0.73 0.00	41.25 0.81 0.00	41.00 0.84 0.00	41.00 0.84 0.00	39.10 0.84 0.00	40.54 0.83 0.00	39.47 0.77 0.00	41.57 0.85 0.00	42.53 0.83 0.00	48.16 1.22 0.00	48.21 1.40 0.00	47.81 1.30 0.00	43.76 0.90 0.00	39.15 0.58 0.00	37.58 0.84 0.00	34.53 0.68 0.00
GOUDEY___8 23580	31.45 0.31 0.00	28.78 0.34 0.00	26.86 0.45 0.00	26.40 0.42 0.00	27.00 0.48 0.00	30.91 0.61 0.00	37.71 0.63 0.00	39.66 0.97 0.00	41.06 0.73 0.00	41.25 0.81 0.00	41.00 0.84 0.00	41.00 0.84 0.00	39.10 0.84 0.00	40.54 0.83 0.00	39.47 0.77 0.00	41.57 0.85 0.00	42.53 0.83 0.00	48.16 1.22 0.00	48.21 1.40 0.00	47.81 1.30 0.00	43.76 0.90 0.00	39.15 0.58 0.00	37.58 0.84 0.00	34.53 0.68 0.00
GOWANUS_GT1_1 24077	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT1_2 24078	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT1_3 24079	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT1_4 24080	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT1_5 24084	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT1_6 24111	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT1_7 24112	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT1_8 24113	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT2_1 24114	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT2_2 24115	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT2_3 24116	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01

GOWANUS_GT2_4 24117	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT2_5 24118	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT2_6 24119	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT2_7 24120	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT2_8 24121	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT3_1 24122	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT3_2 24123	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT3_3 24124	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT3_4 24125	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT3_5 24126	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT3_6 24127	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT3_7 24128	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT3_8 24129	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
GOWANUS_GT4_1 24130	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT4_2 24131	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01

GOWANUS_GT4_3 24132	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT4_4 24133	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT4_5 24134	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT4_6 24135	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT4_7 24136	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GOWANUS_GT4_8 24137	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GREENBSH_115KV_TB3 55895	30.05 0.69 1.77	26.48 0.65 2.61	26.97 0.55 0.00	26.53 0.55 0.00	27.05 0.53 0.00	30.85 0.55 0.00	37.78 0.70 0.00	39.20 0.50 0.00	40.70 0.36 0.00	40.80 0.36 0.00	40.52 0.36 0.00	40.52 0.36 0.00	38.49 0.23 0.00	40.03 0.32 0.00	39.01 0.31 0.00	41.08 0.37 0.00	42.24 0.54 0.00	47.64 0.70 0.00	47.51 0.70 0.00	47.25 0.74 0.00	43.59 0.73 0.00	39.23 0.66 0.00	37.11 0.37 0.00	34.29 0.44 0.00
GREENEDGE_115KV_TB5 80291	31.32 0.19 0.00	28.67 0.23 0.00	26.84 0.42 0.00	26.37 0.39 0.00	27.02 0.50 0.00	31.06 0.76 0.00	37.67 0.59 0.00	39.70 1.01 0.00	40.98 0.65 0.00	41.29 0.85 0.00	41.00 0.84 0.00	40.92 0.76 0.00	39.03 0.77 0.00	40.38 0.68 0.00	39.28 0.58 0.00	41.40 0.69 0.00	42.19 0.50 0.00	48.11 1.17 0.00	48.35 1.54 0.00	47.86 1.35 0.00	43.59 0.73 0.00	38.80 0.23 0.00	37.58 0.84 0.00	34.76 0.91 0.00
GREENIDGE___3 23582	31.32 0.19 0.00	28.67 0.23 0.00	26.84 0.42 0.00	26.37 0.39 0.00	27.02 0.50 0.00	31.06 0.76 0.00	37.67 0.59 0.00	39.70 1.01 0.00	40.98 0.65 0.00	41.29 0.85 0.00	41.00 0.84 0.00	40.92 0.76 0.00	39.03 0.77 0.00	40.38 0.68 0.00	39.28 0.58 0.00	41.40 0.69 0.00	42.19 0.50 0.00	48.11 1.17 0.00	48.35 1.54 0.00	47.86 1.35 0.00	43.59 0.73 0.00	38.80 0.23 0.00	37.58 0.84 0.00	34.76 0.91 0.00
GREENIDGE___4 23583	31.32 0.19 0.00	28.67 0.23 0.00	26.84 0.42 0.00	26.45 0.47 0.00	27.02 0.50 0.00	31.06 0.76 0.00	37.71 0.63 0.00	39.70 1.00 0.00	41.06 0.73 0.00	41.29 0.85 0.00	41.00 0.84 0.00	40.96 0.80 0.00	39.03 0.76 0.00	40.38 0.67 0.00	39.35 0.66 0.00	41.40 0.69 0.00	42.86 1.17 0.00	48.11 1.17 0.00	48.35 1.54 0.00	47.95 1.44 0.00	43.72 0.86 0.00	38.88 0.31 0.00	37.66 0.92 0.00	34.76 0.91 0.00
GREENLWN_69_KV_BK 3 55738	37.88 2.52 -4.22	33.48 2.28 -2.76	32.53 2.19 -3.92	31.83 2.13 -3.72	32.74 2.15 -4.07	36.74 2.42 -4.01	39.79 2.71 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.46 2.02 0.00	42.57 2.41 0.00	42.97 2.81 0.00	40.94 2.68 0.00	43.69 2.86 -1.12	42.31 2.94 -0.67	45.31 2.97 -1.63	50.94 3.46 -5.78	58.94 4.04 -7.96	56.06 3.93 -5.32	54.58 3.77 -4.31	50.12 3.47 -3.79	42.80 3.05 -1.18	38.87 2.13 0.00	36.84 2.50 -0.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01
GRISSOM___SOLAR 323813	33.74 2.37 -0.24	31.02 2.22 -0.35	28.45 2.03 0.00	27.98 2.00 0.00	28.59 2.07 0.00	32.67 2.37 0.00	40.27 3.19 0.00	41.71 3.02 0.00	43.44 3.11 0.00	43.55 3.11 0.00	43.05 2.89 0.00	42.73 2.57 0.00	40.56 2.30 0.00	42.09 2.38 0.00	41.02 2.32 0.00	43.40 2.69 0.00	45.11 3.42 0.00	51.11 4.18 0.00	51.11 4.30 0.00	50.83 4.33 0.00	46.76 3.90 0.00	41.89 3.32 0.00	39.64 2.90 0.00	36.35 2.50 0.00
GROVEVILLE___HYD 323602	32.97 1.84 0.00	30.12 1.68 0.00	27.97 1.56 0.00	27.54 1.56 0.00	28.06 1.54 0.00	32.03 1.73 0.00	39.23 2.15 0.00	40.90 2.21 0.00	42.39 2.06 0.00	42.34 1.90 0.00	42.20 2.05 0.00	42.24 2.09 0.00	40.33 2.07 0.00	41.77 2.06 0.00	40.86 2.17 0.00	42.99 2.28 0.00	44.45 2.75 0.00	50.13 3.19 0.00	49.94 3.14 0.00	49.53 3.02 0.00	45.69 2.83 0.00	40.85 2.28 0.00	38.54 1.80 0.00	35.64 1.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.39 0.25 0.00	28.64 0.20 0.00	26.65 0.24 0.00	26.21 0.23 0.00	26.76 0.24 0.00	30.64 0.33 0.00	37.53 0.44 0.00	39.23 0.54 0.00	40.74 0.40 0.00	41.00 0.57 0.00	40.68 0.52 0.00	40.64 0.48 0.00	38.72 0.46 0.00	40.14 0.44 0.00	39.12 0.43 0.00	41.12 0.41 0.00	42.03 0.33 0.00	47.50 0.56 0.00	47.46 0.66 0.00	47.11 0.60 0.00	43.33 0.47 0.00	38.84 0.27 0.00	37.25 0.51 0.00	34.19 0.34 0.00

HAMLTNNY_34_KV_TB 80303	31.26 0.12 0.00	28.53 0.09 0.00	26.57 0.16 0.00	26.11 0.13 0.00	26.68 0.16 0.00	30.58 0.27 0.00	37.41 0.33 0.00	39.16 0.46 0.00	40.66 0.32 0.00	40.88 0.44 0.00	40.56 0.40 0.00	40.56 0.40 0.00	38.65 0.38 0.00	40.06 0.36 0.00	39.04 0.35 0.00	41.04 0.33 0.00	41.90 0.21 0.00	47.41 0.47 0.00	47.41 0.61 0.00	47.07 0.56 0.00	43.20 0.34 0.00	38.73 0.15 0.00	37.14 0.40 0.00	34.09 0.24 0.00
HAMPSHIRE___PAPER_HYD 323593	17.66 -0.44 13.04	17.18 -0.43 10.84	16.78 -0.42 9.21	16.54 -0.42 9.02	16.92 -0.37 9.23	19.39 -0.36 10.55	30.54 -0.18 6.35	38.57 -0.12 0.00	40.62 0.28 0.00	40.72 0.29 0.00	40.24 0.08 0.00	40.04 -0.12 0.00	38.00 -0.27 0.00	39.31 -0.40 0.00	38.08 -0.62 0.00	40.06 -0.65 0.00	40.86 -0.83 0.00	46.18 -0.75 0.00	46.34 -0.47 0.00	46.23 -0.28 0.00	42.69 -0.17 0.00	38.61 0.04 0.00	37.00 0.26 0.00	34.05 0.20 0.00
HARDSCRABBLE_WT_PWR 323673	32.21 -0.09 -1.17	29.30 -0.11 -0.97	27.14 -0.11 -0.83	26.69 -0.10 -0.81	27.32 -0.03 -0.83	31.28 0.03 -0.95	37.80 0.15 -0.57	38.97 0.27 0.00	40.66 0.32 0.00	40.84 0.40 0.00	40.56 0.40 0.00	40.60 0.44 0.00	38.57 0.30 0.00	40.10 0.40 0.00	38.97 0.27 0.00	40.96 0.25 0.00	41.99 0.29 0.00	47.31 0.37 0.00	47.14 0.33 0.00	46.84 0.33 0.00	43.12 0.26 0.00	38.84 0.27 0.00	37.03 0.29 0.00	34.09 0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.77 1.59 -0.05	29.96 1.45 -0.07	27.71 1.29 0.00	27.28 1.30 0.00	27.82 1.30 0.00	31.73 1.42 0.00	38.82 1.74 0.00	40.55 1.86 0.00	41.99 1.65 0.00	41.97 1.54 0.00	41.76 1.61 0.00	41.84 1.69 0.00	39.99 1.72 0.00	39.92 1.71 1.49	39.62 1.82 0.89	40.46 1.91 2.17	36.42 2.42 7.69	39.16 2.82 10.59	42.44 2.71 7.08	43.34 2.56 5.73	40.22 2.40 5.04	39.66 1.89 0.80	38.21 1.47 0.00	35.30 1.46 0.00
HARSNRAD_115KV_TB1 81005	30.08 -1.06 0.00	27.59 -0.85 0.00	26.02 -0.40 0.00	25.38 -0.60 0.00	26.15 -0.37 0.00	30.09 -0.21 0.00	36.30 -0.78 0.00	37.96 -0.74 0.00	39.17 -1.17 0.00	39.35 -1.09 0.00	39.39 -0.76 0.00	39.31 -0.84 0.00	37.73 -0.54 0.00	38.75 -0.95 0.00	37.61 -1.08 0.00	39.77 -0.94 0.00	39.98 -1.71 0.00	45.86 -1.08 0.00	46.20 -0.61 0.00	45.53 -0.98 0.00	41.02 -1.84 0.00	36.45 -2.12 0.00	36.33 -0.40 0.00	33.61 -0.24 0.00
HARZA MOOSE___RIVER 24016	28.76 0.40 2.78	26.44 0.31 2.31	24.74 0.29 1.96	24.34 0.29 1.92	24.92 0.37 1.97	28.57 0.52 2.25	36.61 0.89 1.36	39.78 1.08 0.00	41.67 1.33 0.00	41.81 1.37 0.00	41.32 1.16 0.00	41.24 1.08 0.00	39.07 0.80 0.00	40.58 0.87 0.00	39.39 0.70 0.00	41.44 0.73 0.00	42.40 0.71 0.00	47.97 1.03 0.00	48.02 1.22 0.00	47.81 1.30 0.00	43.97 1.11 0.00	39.61 1.04 0.00	37.80 1.07 0.00	34.66 0.81 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.17 0.03 0.00	28.44 0.00 0.00	26.47 0.05 0.00	26.01 0.03 0.00	26.57 0.05 0.00	30.42 0.12 0.00	37.23 0.15 0.00	38.89 0.19 0.00	40.42 0.08 0.00	40.64 0.20 0.00	40.32 0.16 0.00	40.32 0.16 0.00	38.38 0.11 0.00	39.83 0.12 0.00	38.81 0.12 0.00	40.79 0.08 0.00	41.69 0.00 0.00	47.12 0.19 0.00	47.09 0.28 0.00	46.74 0.23 0.00	42.95 0.09 0.00	38.53 -0.04 0.00	36.92 0.18 0.00	33.92 0.07 0.00
HELLGATE_13_KV_LD 55870	33.41 2.21 -0.07	30.50 1.96 -0.09	28.29 1.88 0.00	27.83 1.84 -0.01	28.35 1.83 0.00	32.33 2.03 0.00	39.49 2.41 0.00	41.28 2.59 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.56 2.30 0.00	43.24 2.42 -1.11	41.88 2.52 -0.67	44.89 2.56 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.62 3.00 -3.76	41.60 2.43 -0.60	38.91 2.17 0.00	36.19 2.34 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.41 2.21 -0.07	30.50 1.96 -0.09	28.29 1.88 0.00	27.83 1.84 -0.01	28.35 1.83 0.00	32.33 2.03 0.00	39.49 2.41 0.00	41.28 2.59 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.56 2.30 0.00	43.24 2.42 -1.11	41.88 2.52 -0.67	44.89 2.56 -1.61	50.63 3.21 -5.73	58.58 3.75 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.62 3.00 -3.76	41.60 2.43 -0.60	38.91 2.17 0.00	36.19 2.34 0.00
HEMPSTEAD____ 23647	37.64 2.27 -4.23	33.26 2.05 -2.77	32.30 1.95 -3.93	31.60 1.90 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.56 2.48 0.00	41.09 2.40 0.00	42.35 2.02 0.00	42.34 1.90 0.00	42.53 2.37 0.00	42.90 2.73 -0.01	40.87 2.60 0.00	43.65 2.82 -1.12	42.23 2.86 -0.67	45.23 2.89 -1.63	50.85 3.38 -5.78	58.89 3.99 -7.96	56.01 3.88 -5.32	54.54 3.72 -4.31	49.95 3.30 -3.79	42.69 2.93 -1.19	38.79 2.06 0.00	36.78 2.44 -0.50
HEWLETT_69_KV_BK3 55828	37.91 2.55 -4.22	33.50 2.30 -2.76	32.53 2.19 -3.92	31.85 2.16 -3.72	32.77 2.17 -4.07	36.77 2.45 -4.01	39.86 2.78 0.00	41.56 2.86 0.00	42.96 2.62 0.00	42.86 2.43 0.00	43.01 2.85 0.00	43.41 3.25 0.00	41.36 3.10 0.00	44.09 3.26 -1.12	42.70 3.33 -0.67	45.72 3.38 -1.63	51.44 3.96 -5.78	59.45 4.55 -7.96	56.62 4.49 -5.32	55.14 4.33 -4.31	50.59 3.94 -3.79	43.19 3.43 -1.18	39.46 2.72 0.00	37.15 2.81 -0.49
HICKLING___1 23621	31.45 0.31 0.00	28.81 0.37 0.00	27.02 0.61 0.00	26.53 0.55 0.00	27.18 0.66 0.00	31.21 0.91 0.00	37.97 0.89 0.00	40.12 1.43 0.00	41.42 1.09 0.00	41.69 1.25 0.00	41.44 1.29 0.00	41.44 1.29 0.00	39.53 1.26 0.00	40.94 1.23 0.00	39.82 1.12 0.00	41.97 1.26 0.00	42.78 1.08 0.00	48.67 1.74 0.00	48.87 2.06 0.00	48.37 1.86 0.00	44.06 1.20 0.00	39.23 0.66 0.00	37.99 1.25 0.00	34.93 1.08 0.00
HICKLING___2 23622	31.45 0.31 0.00	28.81 0.37 0.00	27.02 0.61 0.00	26.53 0.55 0.00	27.18 0.66 0.00	31.21 0.91 0.00	37.97 0.89 0.00	40.12 1.43 0.00	41.42 1.09 0.00	41.69 1.25 0.00	41.44 1.29 0.00	41.44 1.29 0.00	39.53 1.26 0.00	40.94 1.23 0.00	39.82 1.12 0.00	41.97 1.26 0.00	42.78 1.08 0.00	48.67 1.74 0.00	48.87 2.06 0.00	48.37 1.86 0.00	44.06 1.20 0.00	39.23 0.66 0.00	37.99 1.25 0.00	34.93 1.08 0.00
HIGH FALLS___HY 23754	32.67 1.71 0.18	29.75 1.56 0.26	27.84 1.43 0.00	27.44 1.45 0.00	27.95 1.43 0.00	31.91 1.61 0.00	39.05 1.97 0.00	40.82 2.13 0.00	42.27 1.94 0.00	42.14 1.70 0.00	41.92 1.77 0.00	41.96 1.81 0.00	40.14 1.87 0.00	41.57 1.87 0.00	40.67 1.97 0.00	42.79 2.08 0.00	44.32 2.63 0.00	49.94 3.00 0.00	49.85 3.04 0.00	49.35 2.84 0.00	45.52 2.66 0.00	40.65 2.08 0.00	38.43 1.69 0.00	35.54 1.69 0.00
HIGH_RIVER___SOLAR 323847	33.01 1.62 -0.25	30.35 1.53 -0.37	27.81 1.40 0.00	27.33 1.35 0.00	27.92 1.40 0.00	31.88 1.57 0.00	39.16 2.08 0.00	40.63 1.93 0.00	42.23 1.90 0.00	42.22 1.78 0.00	41.80 1.65 0.00	41.56 1.40 0.00	39.49 1.22 0.00	41.02 1.31 0.00	40.01 1.32 0.00	42.30 1.59 0.00	43.86 2.17 0.00	49.61 2.67 0.00	49.52 2.71 0.00	49.25 2.74 0.00	45.34 2.48 0.00	40.73 2.16 0.00	38.57 1.84 0.00	35.47 1.62 0.00

HILLBURN___GT 23639	32.80 1.62 -0.05	30.02 1.51 -0.07	27.73 1.32 0.00	27.25 1.27 0.00	27.85 1.33 0.00	31.76 1.45 0.00	38.82 1.74 0.00	40.63 1.93 0.00	41.95 1.62 0.00	41.93 1.50 0.00	41.72 1.56 0.00	41.80 1.65 0.00	39.94 1.68 0.00	39.78 1.79 1.72	39.52 1.86 1.03	40.13 1.91 2.49	35.30 2.46 8.85	37.61 2.86 12.19	41.42 2.76 8.15	42.52 2.60 6.59	39.41 2.36 5.80	39.54 1.89 0.92	38.17 1.43 0.00	35.30 1.45 0.00
HILLSIDE_115KV_TB1 80332	31.14 0.00 0.00	28.56 0.11 0.00	26.76 0.34 0.00	26.27 0.29 0.00	26.92 0.40 0.00	30.85 0.55 0.00	37.53 0.44 0.00	39.58 0.89 0.00	40.94 0.61 0.00	41.17 0.73 0.00	40.92 0.76 0.00	40.92 0.76 0.00	39.07 0.80 0.00	40.42 0.71 0.00	39.35 0.66 0.00	41.53 0.81 0.00	42.36 0.67 0.00	48.11 1.17 0.00	48.26 1.45 0.00	47.81 1.30 0.00	43.55 0.69 0.00	38.84 0.27 0.00	37.55 0.81 0.00	34.49 0.64 0.00
HISHELDN_WT_PWR 323625	30.42 -0.71 0.00	27.90 -0.54 0.00	26.34 -0.08 0.00	25.93 -0.05 0.00	26.49 -0.03 0.00	30.49 0.18 0.00	37.01 -0.07 0.00	38.77 0.08 0.00	40.10 -0.24 0.00	40.16 -0.28 0.00	40.16 0.00 0.00	40.20 0.04 0.00	38.46 0.19 0.00	39.63 -0.08 0.00	38.54 -0.15 0.00	40.63 -0.08 0.00	42.32 0.63 0.00	46.98 0.05 0.00	47.27 0.47 0.00	46.84 0.33 0.00	42.39 -0.47 0.00	37.61 -0.96 0.00	37.11 0.37 0.00	34.15 0.30 0.00
HOLTSVILLE_IC_1 23690	37.45 2.09 -4.23	33.11 1.91 -2.77	32.19 1.85 -3.93	31.45 1.74 -3.72	32.40 1.80 -4.08	36.35 2.03 -4.02	39.49 2.41 0.00	41.01 2.32 0.00	42.15 1.82 0.00	42.01 1.58 0.00	42.28 2.13 0.00	42.74 2.57 -0.01	40.68 2.41 0.00	43.49 2.66 -1.12	42.16 2.79 -0.67	45.15 2.81 -1.63	50.64 3.17 -5.78	58.75 3.85 -7.96	55.88 3.75 -5.32	54.40 3.58 -4.31	49.91 3.26 -3.79	42.69 2.93 -1.19	38.43 1.69 0.00	36.45 2.10 -0.50
HOLTSVILLE_IC_10 23699	37.55 2.18 -4.23	33.17 1.96 -2.77	32.24 1.90 -3.93	31.50 1.79 -3.72	32.46 1.86 -4.08	36.41 2.09 -4.02	39.60 2.52 0.00	41.17 2.48 0.00	42.31 1.98 0.00	42.22 1.78 0.00	42.48 2.33 0.00	42.97 2.81 -0.01	40.90 2.64 0.00	43.73 2.90 -1.12	42.39 3.02 -0.67	45.39 3.05 -1.63	50.89 3.42 -5.78	59.03 4.13 -7.96	56.20 4.07 -5.32	54.67 3.86 -4.31	50.17 3.52 -3.79	42.93 3.16 -1.19	38.57 1.84 0.00	36.55 2.20 -0.50
HOLTSVILLE_IC_2 23691	37.45 2.09 -4.23	33.11 1.91 -2.77	32.19 1.85 -3.93	31.45 1.74 -3.72	32.40 1.80 -4.08	36.35 2.03 -4.02	39.49 2.41 0.00	41.01 2.32 0.00	42.15 1.82 0.00	42.01 1.58 0.00	42.28 2.13 0.00	42.74 2.57 -0.01	40.68 2.41 0.00	43.49 2.66 -1.12	42.16 2.79 -0.67	45.15 2.81 -1.63	50.64 3.17 -5.78	58.75 3.85 -7.96	55.88 3.75 -5.32	54.40 3.58 -4.31	49.91 3.26 -3.79	42.69 2.93 -1.19	38.43 1.69 0.00	36.45 2.10 -0.50
HOLTSVILLE_IC_3 23692	37.45 2.09 -4.23	33.11 1.91 -2.77	32.19 1.85 -3.93	31.45 1.74 -3.72	32.40 1.80 -4.08	36.35 2.03 -4.02	39.49 2.41 0.00	41.01 2.32 0.00	42.15 1.82 0.00	42.01 1.58 0.00	42.28 2.13 0.00	42.74 2.57 -0.01	40.68 2.41 0.00	43.49 2.66 -1.12	42.16 2.79 -0.67	45.15 2.81 -1.63	50.64 3.17 -5.78	58.75 3.85 -7.96	55.88 3.75 -5.32	54.40 3.58 -4.31	49.91 3.26 -3.79	42.69 2.93 -1.19	38.43 1.69 0.00	36.45 2.10 -0.50
HOLTSVILLE_IC_4 23693	37.45 2.09 -4.23	33.11 1.91 -2.77	32.19 1.85 -3.93	31.45 1.74 -3.72	32.40 1.80 -4.08	36.35 2.03 -4.02	39.49 2.41 0.00	41.01 2.32 0.00	42.15 1.82 0.00	42.01 1.58 0.00	42.28 2.13 0.00	42.74 2.57 -0.01	40.68 2.41 0.00	43.49 2.66 -1.12	42.16 2.79 -0.67	45.15 2.81 -1.63	50.64 3.17 -5.78	58.75 3.85 -7.96	55.88 3.75 -5.32	54.40 3.58 -4.31	49.91 3.26 -3.79	42.69 2.93 -1.19	38.43 1.69 0.00	36.45 2.10 -0.50
HOLTSVILLE_IC_5 23694	37.45 2.09 -4.23	33.11 1.91 -2.77	32.19 1.85 -3.93	31.45 1.74 -3.72	32.40 1.80 -4.08	36.35 2.03 -4.02	39.49 2.41 0.00	41.01 2.32 0.00	42.15 1.82 0.00	42.01 1.58 0.00	42.28 2.13 0.00	42.74 2.57 -0.01	40.68 2.41 0.00	43.49 2.66 -1.12	42.16 2.79 -0.67	45.15 2.81 -1.63	50.64 3.17 -5.78	58.75 3.85 -7.96	55.88 3.75 -5.32	54.40 3.58 -4.31	49.91 3.26 -3.79	42.69 2.93 -1.19	38.43 1.69 0.00	36.45 2.10 -0.50
HOLTSVILLE_IC_6 23695	37.55 2.18 -4.23	33.17 1.96 -2.77	32.24 1.90 -3.93	31.50 1.79 -3.72	32.46 1.86 -4.08	36.41 2.09 -4.02	39.60 2.52 0.00	41.17 2.48 0.00	42.31 1.98 0.00	42.22 1.78 0.00	42.48 2.33 0.00	42.97 2.81 -0.01	40.90 2.64 0.00	43.73 2.90 -1.12	42.39 3.02 -0.67	45.39 3.05 -1.63	50.89 3.42 -5.78	59.03 4.13 -7.96	56.20 4.07 -5.32	54.67 3.86 -4.31	50.17 3.52 -3.79	42.93 3.16 -1.19	38.57 1.84 0.00	36.55 2.20 -0.50
HOLTSVILLE_IC_7 23696	37.55 2.18 -4.23	33.17 1.96 -2.77	32.24 1.90 -3.93	31.50 1.79 -3.72	32.46 1.86 -4.08	36.41 2.09 -4.02	39.60 2.52 0.00	41.17 2.48 0.00	42.31 1.98 0.00	42.22 1.78 0.00	42.48 2.33 0.00	42.97 2.81 -0.01	40.90 2.64 0.00	43.73 2.90 -1.12	42.39 3.02 -0.67	45.39 3.05 -1.63	50.89 3.42 -5.78	59.03 4.13 -7.96	56.20 4.07 -5.32	54.67 3.86 -4.31	50.17 3.52 -3.79	42.93 3.16 -1.19	38.57 1.84 0.00	36.55 2.20 -0.50
HOLTSVILLE_IC_8 23697	37.55 2.18 -4.23	33.17 1.96 -2.77	32.24 1.90 -3.93	31.50 1.79 -3.72	32.46 1.86 -4.08	36.41 2.09 -4.02	39.60 2.52 0.00	41.17 2.48 0.00	42.31 1.98 0.00	42.22 1.78 0.00	42.48 2.33 0.00	42.97 2.81 -0.01	40.90 2.64 0.00	43.73 2.90 -1.12	42.39 3.02 -0.67	45.39 3.05 -1.63	50.89 3.42 -5.78	59.03 4.13 -7.96	56.20 4.07 -5.32	54.67 3.86 -4.31	50.17 3.52 -3.79	42.93 3.16 -1.19	38.57 1.84 0.00	36.55 2.20 -0.50
HOLTSVILLE_IC_9 23698	37.55 2.18 -4.23	33.17 1.96 -2.77	32.24 1.90 -3.93	31.50 1.79 -3.72	32.46 1.86 -4.08	36.41 2.09 -4.02	39.60 2.52 0.00	41.17 2.48 0.00	42.31 1.98 0.00	42.22 1.78 0.00	42.48 2.33 0.00	42.97 2.81 -0.01	40.90 2.64 0.00	43.73 2.90 -1.12	42.39 3.02 -0.67	45.39 3.05 -1.63	50.89 3.42 -5.78	59.03 4.13 -7.96	56.20 4.07 -5.32	54.67 3.86 -4.31	50.17 3.52 -3.79	42.93 3.16 -1.19	38.57 1.84 0.00	36.55 2.20 -0.50
HOMER_HL_115KV_TB2 355744	30.61 -0.53 0.00	28.22 -0.23 0.00	26.70 0.29 0.00	26.14 0.16 0.00	26.92 0.40 0.00	30.94 0.64 0.00	37.38 0.30 0.00	39.78 1.08 0.00	40.98 0.65 0.00	41.13 0.69 0.00	41.12 0.96 0.00	41.08 0.92 0.00	39.33 1.07 0.00	40.66 0.95 0.00	39.51 0.81 0.00	41.77 1.06 0.00	42.44 0.75 0.00	48.58 1.64 0.00	48.91 2.11 0.00	48.28 1.77 0.00	43.46 0.60 0.00	38.46 -0.12 0.00	37.77 1.03 0.00	34.73 0.88 0.00
HOWARD_WT_PWR 323690	31.01 -0.12 0.00	28.61 0.17 0.00	27.13 0.71 0.00	26.81 0.83 0.00	27.53 1.01 0.00	31.82 1.51 0.00	39.38 2.30 0.00	41.90 3.21 0.00	43.08 2.74 0.00	43.19 2.75 0.00	43.05 2.89 0.00	42.85 2.69 0.00	40.90 2.64 0.00	42.25 2.54 0.00	41.17 2.48 0.00	43.60 2.89 0.00	45.45 3.75 0.00	51.07 4.13 0.00	51.49 4.68 0.00	51.11 4.61 0.00	46.29 3.43 0.00	40.93 2.35 0.00	39.82 3.09 0.00	36.39 2.54 0.00

HQ_GEN_CEDARS 23644	7.00 -0.93 23.20	8.34 -0.82 19.28	9.24 -0.79 16.39	9.18 -0.75 16.05	9.30 -0.80 16.42	10.63 -0.91 18.76	24.70 -1.08 11.30	37.52 -1.16 0.01	39.57 -0.77 0.00	39.63 -0.81 0.00	39.31 -0.84 0.00	39.23 -0.92 0.00	37.42 -0.84 0.00	38.75 -0.95 0.00	37.69 -1.01 0.00	39.65 -1.06 0.00	40.57 -1.13 0.00	45.53 -1.41 0.00	45.73 -1.08 0.00	45.53 -0.98 0.00	42.09 -0.77 0.00	38.03 -0.54 0.00	36.33 -0.40 0.00	33.58 -0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	7.00 -0.93 23.20	8.34 -0.83 19.28	9.24 -0.79 16.39	9.18 -0.75 16.05	9.31 -0.79 16.42	10.63 -0.91 18.76	24.74 -1.04 11.30	37.53 -1.16 0.01	39.53 -0.81 0.00	39.63 -0.81 0.00	39.31 -0.85 0.00	39.23 -0.92 0.00	37.42 -0.84 0.00	38.75 -0.95 0.00	37.69 -1.01 0.00	39.65 -1.06 0.00	40.36 -1.34 0.00	45.53 -1.41 0.00	45.73 -1.07 0.00	45.53 -0.98 0.00	42.09 -0.77 0.00	38.03 -0.54 0.00	36.33 -0.40 0.00	33.58 -0.27 0.00
HQ_GEN_IMPORT 323601	26.25 -0.53 4.36	24.33 -0.48 3.62	22.86 -0.47 3.08	22.50 -0.47 3.02	22.96 -0.48 3.09	26.23 -0.54 3.53	34.29 -0.67 2.13	38.00 -0.70 0.00	39.81 -0.53 0.00	39.91 -0.53 0.00	39.63 -0.52 0.00	39.63 -0.52 0.00	37.76 -0.50 0.00	39.19 -0.52 0.00	38.19 -0.50 0.00	40.18 -0.53 0.00	40.90 -0.79 0.00	46.04 -0.89 0.00	45.92 -0.89 0.00	45.62 -0.89 0.00	42.09 -0.77 0.00	37.99 -0.58 0.00	36.22 -0.51 0.00	33.41 -0.44 0.00
HQ_GEN_WHEEL 23651	26.25 -0.53 4.36	24.33 -0.48 3.62	22.86 -0.47 3.08	22.50 -0.47 3.02	22.96 -0.48 3.09	26.23 -0.54 3.53	34.29 -0.67 2.13	38.00 -0.70 0.00	39.81 -0.53 0.00	39.91 -0.53 0.00	39.63 -0.52 0.00	39.63 -0.52 0.00	37.76 -0.50 0.00	39.19 -0.52 0.00	38.19 -0.50 0.00	40.18 -0.53 0.00	40.90 -0.79 0.00	46.04 -0.89 0.00	45.92 -0.89 0.00	45.62 -0.89 0.00	42.09 -0.77 0.00	37.99 -0.58 0.00	36.22 -0.51 0.00	33.41 -0.44 0.00
HUDSON_AVE_GT_3 23810	33.31 2.12 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.72 1.74 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.53 2.45 0.00	41.40 2.71 0.00	42.76 2.42 0.00	42.66 2.22 0.00	42.57 2.41 0.00	42.65 2.49 0.00	40.79 2.53 0.00	43.48 2.66 -1.11	42.11 2.75 -0.67	45.17 2.85 -1.61	50.88 3.46 -5.73	58.82 3.99 -7.89	55.87 3.79 -5.28	54.45 3.67 -4.27	49.96 3.34 -3.76	41.87 2.70 -0.60	39.02 2.28 0.00	36.12 2.27 0.00
HUDSON_AVE_GT_4 23540	33.31 2.12 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.72 1.74 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.53 2.45 0.00	41.40 2.71 0.00	42.76 2.42 0.00	42.66 2.22 0.00	42.57 2.41 0.00	42.65 2.49 0.00	40.79 2.53 0.00	43.48 2.66 -1.11	42.11 2.75 -0.67	45.17 2.85 -1.61	50.88 3.46 -5.73	58.82 3.99 -7.89	55.87 3.79 -5.28	54.45 3.67 -4.27	49.96 3.34 -3.76	41.87 2.70 -0.60	39.02 2.28 0.00	36.12 2.27 0.00
HUDSON_AVE_GT_5 23657	33.31 2.12 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.72 1.74 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.53 2.45 0.00	41.40 2.71 0.00	42.76 2.42 0.00	42.66 2.22 0.00	42.57 2.41 0.00	42.65 2.49 0.00	40.79 2.53 0.00	43.48 2.66 -1.11	42.11 2.75 -0.67	45.17 2.85 -1.61	50.88 3.46 -5.73	58.82 3.99 -7.89	55.87 3.79 -5.28	54.45 3.67 -4.27	49.96 3.34 -3.76	41.87 2.70 -0.60	39.02 2.28 0.00	36.12 2.27 0.00
HUDSON_AVE_10 24168	33.25 2.06 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.70 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.36 2.67 0.00	42.68 2.34 0.00	42.58 2.14 0.00	42.49 2.33 0.00	42.61 2.45 0.00	40.71 2.45 0.00	43.44 2.62 -1.11	42.03 2.67 -0.67	45.09 2.77 -1.61	50.84 3.42 -5.73	58.82 3.99 -7.89	55.87 3.79 -5.28	54.41 3.63 -4.27	49.92 3.30 -3.76	41.83 2.66 -0.60	38.94 2.20 0.00	36.05 2.20 0.00
HUDSON___115KV_TB 4 355613	31.08 1.25 1.30	27.69 1.17 1.92	27.39 0.98 0.00	26.94 0.96 0.00	27.50 0.98 0.00	31.33 1.03 0.00	38.53 1.45 0.00	39.62 0.93 0.00	41.30 0.97 0.00	41.33 0.89 0.00	40.96 0.80 0.00	40.84 0.68 0.00	38.76 0.50 0.00	40.18 0.48 0.00	39.24 0.54 0.00	41.36 0.65 0.00	42.61 0.92 0.00	48.20 1.27 0.00	48.21 1.40 0.00	47.95 1.44 0.00	44.19 1.33 0.00	39.73 1.16 0.00	37.55 0.81 0.00	34.83 0.98 0.00
HUNTER MOUNT___DRP 323613	31.50 1.40 1.04	28.21 1.31 1.54	27.47 1.06 0.00	27.05 1.07 0.00	27.58 1.06 0.00	31.42 1.12 0.00	38.71 1.63 0.00	39.74 1.04 0.00	41.51 1.17 0.00	41.53 1.09 0.00	41.12 0.96 0.00	40.92 0.76 0.00	38.80 0.54 0.00	40.14 0.44 0.00	39.20 0.50 0.00	41.36 0.65 0.00	42.61 0.92 0.00	48.30 1.36 0.00	48.40 1.59 0.00	48.18 1.67 0.00	44.36 1.50 0.00	39.84 1.27 0.00	37.69 0.96 0.00	34.90 1.05 0.00
HUNTINGTON_RES_REC 323705	37.80 2.43 -4.23	33.40 2.19 -2.77	32.45 2.11 -3.93	31.68 1.97 -3.72	32.62 2.01 -4.08	36.62 2.30 -4.02	39.71 2.63 0.00	41.21 2.51 0.00	42.39 2.06 0.00	42.30 1.86 0.00	42.53 2.37 0.00	42.93 2.77 -0.01	40.90 2.64 0.00	43.73 2.90 -1.12	42.35 2.98 -0.67	45.35 3.01 -1.63	50.93 3.46 -5.78	59.03 4.13 -7.96	56.16 4.03 -5.32	54.67 3.86 -4.31	50.17 3.52 -3.79	42.89 3.12 -1.19	38.68 1.95 0.00	36.75 2.40 -0.50
HUNTLEY___63 23557	30.36 -0.78 0.00	27.82 -0.63 0.00	26.28 -0.13 0.00	25.62 -0.36 0.00	26.39 -0.13 0.00	30.36 0.06 0.00	36.60 -0.48 0.00	38.38 -0.31 0.00	39.61 -0.73 0.00	39.75 -0.69 0.00	39.84 -0.32 0.00	39.80 -0.36 0.00	38.19 -0.08 0.00	39.31 -0.40 0.00	38.12 -0.58 0.00	40.26 -0.45 0.00	40.53 -1.17 0.00	46.42 -0.52 0.00	46.76 -0.05 0.00	46.14 -0.37 0.00	41.49 -1.37 0.00	36.87 -1.70 0.00	36.70 -0.04 0.00	33.95 0.10 0.00
HUNTLEY___64 23558	30.36 -0.78 0.00	27.82 -0.63 0.00	26.28 -0.13 0.00	25.62 -0.36 0.00	26.39 -0.13 0.00	30.36 0.06 0.00	36.60 -0.48 0.00	38.38 -0.31 0.00	39.61 -0.73 0.00	39.75 -0.69 0.00	39.84 -0.32 0.00	39.80 -0.36 0.00	38.19 -0.08 0.00	39.31 -0.40 0.00	38.12 -0.58 0.00	40.26 -0.45 0.00	40.53 -1.17 0.00	46.42 -0.52 0.00	46.76 -0.05 0.00	46.14 -0.37 0.00	41.49 -1.37 0.00	36.87 -1.70 0.00	36.70 -0.04 0.00	33.95 0.10 0.00
HUNTLEY___65 23559	30.36 -0.78 0.00	27.82 -0.63 0.00	26.28 -0.13 0.00	25.62 -0.36 0.00	26.39 -0.13 0.00	30.36 0.06 0.00	36.60 -0.48 0.00	38.38 -0.31 0.00	39.61 -0.73 0.00	39.75 -0.69 0.00	39.84 -0.32 0.00	39.80 -0.36 0.00	38.19 -0.08 0.00	39.31 -0.40 0.00	38.12 -0.58 0.00	40.26 -0.45 0.00	40.53 -1.17 0.00	46.42 -0.52 0.00	46.76 -0.05 0.00	46.14 -0.37 0.00	41.49 -1.37 0.00	36.87 -1.70 0.00	36.70 -0.04 0.00	33.95 0.10 0.00
HUNTLEY___66 23560	30.36 -0.78 0.00	27.82 -0.63 0.00	26.28 -0.13 0.00	25.62 -0.36 0.00	26.39 -0.13 0.00	30.36 0.06 0.00	36.60 -0.48 0.00	38.38 -0.31 0.00	39.61 -0.73 0.00	39.75 -0.69 0.00	39.84 -0.32 0.00	39.80 -0.36 0.00	38.19 -0.08 0.00	39.31 -0.40 0.00	38.12 -0.58 0.00	40.26 -0.45 0.00	40.53 -1.17 0.00	46.42 -0.52 0.00	46.76 -0.05 0.00	46.14 -0.37 0.00	41.49 -1.37 0.00	36.87 -1.70 0.00	36.70 -0.04 0.00	33.95 0.10 0.00



HUNTLEY___67 23561	30.17 -0.97 0.00	27.67 -0.77 0.00	26.12 -0.29 0.00	25.49 -0.49 0.00	26.25 -0.27 0.00	30.18 -0.12 0.00	36.41 -0.67 0.00	38.11 -0.58 0.00	39.33 -1.01 0.00	39.51 -0.93 0.00	39.55 -0.60 0.00	39.51 -0.64 0.00	37.92 -0.34 0.00	38.99 -0.71 0.00	37.81 -0.89 0.00	40.02 -0.69 0.00	40.28 -1.42 0.00	46.14 -0.80 0.00	46.48 -0.33 0.00	45.81 -0.70 0.00	41.27 -1.59 0.00	36.68 -1.89 0.00	36.44 -0.29 0.00	33.75 -0.10 0.00
HUNTLEY___68 23562	30.17 -0.97 0.00	27.67 -0.77 0.00	26.12 -0.29 0.00	25.49 -0.49 0.00	26.25 -0.27 0.00	30.18 -0.12 0.00	36.41 -0.67 0.00	38.11 -0.58 0.00	39.33 -1.01 0.00	39.51 -0.93 0.00	39.55 -0.60 0.00	39.51 -0.64 0.00	37.92 -0.34 0.00	38.99 -0.71 0.00	37.81 -0.89 0.00	40.02 -0.69 0.00	40.28 -1.42 0.00	46.14 -0.80 0.00	46.48 -0.33 0.00	45.81 -0.70 0.00	41.27 -1.59 0.00	36.68 -1.89 0.00	36.44 -0.29 0.00	33.75 -0.10 0.00
HYLAND___LFG 323620	31.82 0.68 0.00	29.15 0.71 0.00	27.31 0.90 0.00	26.94 0.96 0.00	27.55 1.03 0.00	31.79 1.48 0.00	38.90 1.82 0.00	39.62 0.93 0.00	40.62 0.28 0.00	40.40 -0.04 0.00	39.83 -0.32 0.00	39.59 -0.56 0.00	37.76 -0.50 0.00	38.87 -0.84 0.00	37.88 -0.81 0.00	40.10 -0.61 0.00	42.11 0.42 0.00	47.36 0.42 0.00	48.02 1.21 0.00	47.86 1.35 0.00	43.46 0.60 0.00	38.57 0.00 0.00	37.80 1.07 0.00	35.57 1.73 0.00
INDECK___CORINTH 23802	33.67 2.09 -0.44	31.06 1.96 -0.65	28.18 1.77 0.00	27.69 1.71 0.00	28.30 1.78 0.00	32.24 1.94 0.00	39.71 2.63 0.00	41.17 2.48 0.00	43.00 2.66 0.00	43.27 2.83 0.00	43.01 2.85 0.00	42.93 2.77 0.00	40.71 2.45 0.00	42.21 2.50 0.00	41.02 2.32 0.00	43.24 2.53 0.00	44.44 2.75 0.00	50.32 3.38 0.00	50.27 3.46 0.00	50.04 3.53 0.00	46.03 3.17 0.00	41.31 2.74 0.00	39.02 2.28 0.00	35.85 2.00 0.00
INDECK___ILION 23567	32.31 0.00 -1.17	29.42 0.00 -0.97	27.21 -0.03 -0.83	26.76 -0.03 -0.81	27.32 -0.03 -0.83	31.22 -0.03 -0.95	37.65 0.00 -0.57	38.73 0.04 0.00	40.30 -0.04 0.00	40.40 -0.04 0.00	40.12 -0.04 0.00	40.12 -0.04 0.00	38.15 -0.11 0.00	39.63 -0.08 0.00	38.58 -0.12 0.00	40.59 -0.12 0.00	41.57 -0.13 0.00	46.84 -0.09 0.00	46.71 -0.09 0.00	46.46 -0.05 0.00	42.82 -0.04 0.00	38.53 -0.04 0.00	36.66 -0.07 0.00	33.71 -0.14 0.00
INDECK___OLEAN 23982	30.61 -0.53 0.00	28.21 -0.23 0.00	26.73 0.32 0.00	26.32 0.34 0.00	26.92 0.40 0.00	30.94 0.64 0.00	37.45 0.37 0.00	39.77 1.08 0.00	41.14 0.81 0.00	41.12 0.69 0.00	41.16 1.00 0.00	41.16 1.00 0.00	39.33 1.07 0.00	40.66 0.95 0.00	39.59 0.89 0.00	41.81 1.10 0.00	43.65 1.96 0.00	48.53 1.60 0.00	48.86 1.95 0.00	48.46 1.95 0.00	43.67 0.81 0.00	38.57 0.00 0.00	37.91 1.18 0.00	34.73 0.88 0.00
INDECK___OSWEGO 23783	30.64 0.65 1.15	28.02 0.54 0.96	26.16 0.56 0.81	25.75 0.57 0.80	26.26 0.56 0.82	30.10 0.73 0.93	37.56 1.04 0.56	39.39 0.70 0.00	40.90 0.56 0.00	41.17 0.73 0.00	40.72 0.56 0.00	40.72 0.56 0.00	38.72 0.46 0.00	40.15 0.44 0.00	39.12 0.43 0.00	41.04 0.32 0.00	42.07 0.37 0.00	47.41 0.47 0.00	47.46 0.65 0.00	47.16 0.65 0.00	43.38 0.52 0.00	38.96 0.39 0.00	37.91 1.18 0.00	34.66 0.81 0.00
INDECK___YERKES 23781	30.36 -0.78 0.00	27.84 -0.60 0.00	26.31 -0.11 0.00	25.90 -0.08 0.00	26.41 -0.11 0.00	30.39 0.09 0.00	36.71 -0.37 0.00	38.42 -0.27 0.00	39.77 -0.56 0.00	39.79 -0.65 0.00	39.88 -0.28 0.00	39.92 -0.24 0.00	38.22 -0.04 0.00	39.35 -0.36 0.00	38.27 -0.42 0.00	40.30 -0.41 0.00	42.07 0.37 0.00	46.47 -0.47 0.00	46.81 0.00 0.00	46.37 -0.14 0.00	41.83 -1.03 0.00	37.11 -1.47 0.00	36.92 0.18 0.00	33.98 0.14 0.00
INDIAN POINT_GT_1 24139	32.87 1.68 -0.06	30.06 1.54 -0.08	27.84 1.43 0.00	27.41 1.43 0.00	27.93 1.41 0.00	31.88 1.58 0.00	39.01 1.93 0.00	40.78 2.09 0.00	42.15 1.82 0.00	42.10 1.66 0.00	41.96 1.81 0.00	42.04 1.89 0.00	40.14 1.87 0.00	51.34 2.03 -9.61	46.54 2.09 -5.76	56.86 2.20 -13.95	93.94 2.71 -49.54	118.32 3.14 -68.24	95.41 3.00 -45.61	86.30 2.88 -36.91	78.00 2.66 -32.49	45.93 2.20 -5.16	38.43 1.69 0.00	35.51 1.66 0.00
INDIAN POINT_GT_2 23659	32.87 1.68 -0.06	30.06 1.54 -0.08	27.84 1.43 0.00	27.41 1.43 0.00	27.93 1.41 0.00	31.88 1.58 0.00	39.01 1.93 0.00	40.78 2.09 0.00	42.15 1.82 0.00	42.10 1.66 0.00	41.96 1.81 0.00	42.04 1.89 0.00	40.14 1.87 0.00	51.34 2.03 -9.61	46.54 2.09 -5.76	56.86 2.20 -13.95	93.94 2.71 -49.54	118.32 3.14 -68.24	95.41 3.00 -45.61	86.30 2.88 -36.91	78.00 2.66 -32.49	45.93 2.20 -5.16	38.43 1.69 0.00	35.51 1.66 0.00
INDIAN POINT_GT_3 24019	32.87 1.68 -0.06	30.06 1.54 -0.08	27.84 1.43 0.00	27.41 1.43 0.00	27.93 1.41 0.00	31.88 1.58 0.00	39.01 1.93 0.00	40.78 2.09 0.00	42.15 1.82 0.00	42.10 1.66 0.00	41.96 1.81 0.00	42.04 1.89 0.00	40.14 1.87 0.00	51.34 2.03 -9.61	46.54 2.09 -5.76	56.86 2.20 -13.95	93.94 2.71 -49.54	118.32 3.14 -68.24	95.41 3.00 -45.61	86.30 2.88 -36.91	78.00 2.66 -32.49	45.93 2.20 -5.16	38.43 1.69 0.00	35.51 1.66 0.00
INDIAN POINT___2 23530	32.84 1.65 -0.05	30.03 1.51 -0.08	27.79 1.37 0.00	27.30 1.32 0.00	27.87 1.35 0.00	31.82 1.51 0.00	38.90 1.82 0.00	40.70 2.01 0.00	42.03 1.69 0.00	41.97 1.54 0.00	41.80 1.65 0.00	41.88 1.73 0.00	40.02 1.76 0.00	38.58 1.87 3.00	38.83 1.93 1.80	38.40 2.03 4.35	28.79 2.54 15.44	28.62 2.96 21.28	35.44 2.86 14.22	37.70 2.70 11.51	35.17 2.44 10.13	38.97 2.00 1.61	38.28 1.54 0.00	35.41 1.56 0.00
INDIAN POINT___3 23531	32.84 1.65 -0.06	30.03 1.51 -0.08	27.92 1.51 0.00	27.46 1.48 0.00	28.00 1.49 0.00	31.94 1.64 0.00	39.08 2.00 0.00	40.90 2.21 0.00	42.27 1.94 0.00	42.18 1.74 0.00	42.04 1.89 0.00	42.16 2.01 0.00	40.25 1.99 0.00	43.18 2.10 -1.37	41.68 2.17 -0.82	44.97 2.28 -1.98	51.53 2.79 -7.04	59.83 3.19 -9.70	56.33 3.04 -6.48	54.73 2.98 -5.24	50.22 2.74 -4.62	41.58 2.28 -0.73	38.54 1.80 0.00	35.64 1.79 0.00
INGHAM_C_115KV_TB7 356103	31.84 -0.47 -1.17	28.96 -0.46 -0.97	26.77 -0.48 -0.83	26.32 -0.47 -0.81	26.87 -0.48 -0.83	30.73 -0.52 -0.95	37.06 -0.59 -0.57	38.07 -0.62 0.00	39.65 -0.69 0.00	39.71 -0.73 0.00	39.39 -0.76 0.00	39.39 -0.76 0.00	37.46 -0.80 0.00	38.95 -0.75 0.00	37.88 -0.81 0.00	39.86 -0.85 0.00	40.78 -0.92 0.00	46.00 -0.94 0.00	45.87 -0.94 0.00	45.62 -0.88 0.00	42.05 -0.81 0.00	37.92 -0.66 0.00	36.04 -0.70 0.00	33.14 -0.71 0.00
IP CORINTH___1 23988	33.66 2.09 -0.44	31.06 1.96 -0.65	28.18 1.77 0.00	27.70 1.71 0.00	28.30 1.78 0.00	32.24 1.94 0.00	39.71 2.63 0.00	41.17 2.48 0.00	43.00 2.66 0.00	43.27 2.83 0.00	43.01 2.85 0.00	42.93 2.77 0.00	40.71 2.45 0.00	42.21 2.50 0.00	41.09 2.40 0.00	43.24 2.52 0.00	44.40 2.71 0.00	50.32 3.38 0.00	50.27 3.46 0.00	50.04 3.53 0.00	46.07 3.21 0.00	41.31 2.74 0.00	39.05 2.31 0.00	35.85 2.00 0.00

IP__TICONDEROGA 23804	34.98 3.36 -0.48	32.40 3.24 -0.71	29.32 2.91 0.00	28.81 2.83 0.00	29.41 2.89 0.00	33.48 3.18 0.00	41.49 4.41 0.00	42.79 4.10 0.00	44.97 4.64 0.00	45.41 4.97 0.00	45.14 4.98 0.00	45.06 4.90 0.00	42.66 4.40 0.00	44.12 4.41 0.00	42.91 4.22 0.00	45.07 4.36 0.00	46.15 4.46 0.00	52.57 5.63 0.00	52.61 5.80 0.00	52.46 5.95 0.00	48.22 5.36 0.00	43.12 4.55 0.00	40.71 3.97 0.00	37.27 3.42 0.00
ISLIP_RES_REC 323679	37.67 2.30 -4.23	33.28 2.08 -2.77	32.37 2.03 -3.93	31.60 1.90 -3.72	32.56 1.96 -4.08	36.56 2.24 -4.02	39.79 2.71 0.00	41.40 2.71 0.00	42.55 2.22 0.00	42.46 2.02 0.00	42.77 2.61 0.00	43.30 3.13 -0.01	41.21 2.95 0.00	44.04 3.21 -1.12	42.70 3.33 -0.67	45.68 3.34 -1.63	51.23 3.75 -5.78	59.41 4.51 -7.96	56.53 4.40 -5.32	55.00 4.19 -4.31	50.46 3.81 -3.79	43.19 3.43 -1.19	38.76 2.02 0.00	36.75 2.40 -0.50
JAMAICA__27_KV_LOAD 355505	33.47 2.27 -0.06	30.58 2.05 -0.09	28.37 1.95 0.00	27.88 1.90 0.00	28.43 1.91 0.00	32.45 2.15 0.00	39.79 2.71 0.00	41.71 3.02 0.00	43.08 2.74 0.00	42.90 2.47 0.00	42.85 2.69 0.00	43.01 2.85 0.00	41.09 2.83 0.00	43.84 3.02 -1.11	42.46 3.10 -0.67	45.58 3.26 -1.61	51.38 3.96 -5.73	59.43 4.60 -7.89	56.53 4.45 -5.28	55.06 4.28 -4.27	50.52 3.90 -3.76	42.25 3.09 -0.60	39.27 2.53 0.00	36.32 2.47 0.00
JANIS__SOLAR 323808	32.47 1.34 0.00	29.61 1.17 0.00	27.60 1.19 0.00	27.20 1.22 0.00	27.79 1.27 0.00	31.91 1.60 0.00	39.27 2.19 0.00	41.36 2.67 0.00	42.76 2.42 0.00	42.90 2.47 0.00	42.32 2.17 0.00	42.28 2.13 0.00	40.18 1.91 0.00	41.73 2.02 0.00	40.55 1.86 0.00	42.71 1.99 0.00	44.07 2.38 0.00	49.90 2.96 0.00	50.13 3.32 0.00	49.90 3.39 0.00	45.69 2.83 0.00	40.81 2.24 0.00	39.12 2.39 0.00	35.68 1.83 0.00
JARVIS____ 23743	32.53 0.22 -1.17	29.62 0.20 -0.97	27.40 0.16 -0.83	26.95 0.16 -0.81	27.51 0.16 -0.83	31.43 0.18 -0.95	37.91 0.26 -0.57	38.97 0.27 0.00	40.58 0.24 0.00	40.68 0.24 0.00	40.40 0.24 0.00	40.40 0.24 0.00	38.42 0.15 0.00	39.87 0.16 0.00	38.85 0.16 0.00	40.87 0.16 0.00	41.95 0.25 0.00	47.22 0.28 0.00	47.09 0.28 0.00	46.79 0.28 0.00	43.12 0.26 0.00	38.77 0.19 0.00	36.89 0.15 0.00	33.98 0.14 0.00
JENNISON__1 23625	32.69 1.56 0.00	29.81 1.37 0.00	27.76 1.35 0.00	27.31 1.33 0.00	27.95 1.43 0.00	32.06 1.76 0.00	39.38 2.30 0.00	41.44 2.75 0.00	42.92 2.58 0.00	43.19 2.75 0.00	42.69 2.53 0.00	42.65 2.49 0.00	40.56 2.30 0.00	42.21 2.50 0.00	40.90 2.21 0.00	43.03 2.32 0.00	44.03 2.33 0.00	50.08 3.14 0.00	50.13 3.32 0.00	49.90 3.40 0.00	45.69 2.83 0.00	40.89 2.31 0.00	39.13 2.39 0.00	35.74 1.90 0.00
JENNISON__2 23626	32.69 1.56 0.00	29.81 1.37 0.00	27.76 1.35 0.00	27.31 1.33 0.00	27.95 1.43 0.00	32.06 1.76 0.00	39.38 2.30 0.00	41.44 2.75 0.00	42.92 2.58 0.00	43.19 2.75 0.00	42.69 2.53 0.00	42.65 2.49 0.00	40.56 2.30 0.00	42.21 2.50 0.00	40.90 2.21 0.00	43.03 2.32 0.00	44.03 2.33 0.00	50.08 3.14 0.00	50.13 3.32 0.00	49.90 3.40 0.00	45.69 2.83 0.00	40.89 2.31 0.00	39.13 2.39 0.00	35.74 1.90 0.00
JERICHO_RISE_WT_PWR 323719	5.36 -1.93 23.85	6.80 -1.82 19.82	7.83 -1.74 16.84	7.77 -1.72 16.50	7.81 -1.83 16.88	9.05 -1.97 19.28	23.13 -2.33 11.62	36.13 -2.55 0.01	38.12 -2.22 0.00	38.29 -2.14 0.00	38.11 -2.05 0.00	38.31 -1.85 0.00	36.62 -1.64 0.00	37.88 -1.83 0.00	36.88 -1.82 0.00	38.88 -1.83 0.00	39.73 -1.96 0.00	44.59 -2.35 0.00	44.80 -2.01 0.00	44.56 -1.95 0.00	41.36 -1.50 0.00	37.38 -1.20 0.00	35.56 -1.18 0.00	32.90 -0.95 0.00
KATONAH__115KV_46KV_TB4 355592	33.09 1.90 -0.06	30.23 1.71 -0.09	28.08 1.66 0.00	27.59 1.61 0.00	28.14 1.62 0.00	32.15 1.85 0.00	39.38 2.30 0.00	41.17 2.48 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.53 2.37 0.00	40.60 2.33 0.00	43.11 2.66 -0.74	41.81 2.67 -0.45	44.60 2.81 -1.08	48.82 3.29 -3.83	55.97 3.75 -5.28	53.99 3.65 -3.53	52.90 3.53 -2.86	48.67 3.30 -2.51	41.71 2.74 -0.40	38.83 2.09 0.00	35.81 1.96 0.00
KCE_NY_1 323755	33.47 1.84 -0.50	30.92 1.74 -0.74	27.97 1.56 0.00	27.49 1.51 0.00	28.06 1.54 0.00	32.00 1.70 0.00	39.30 2.22 0.00	40.78 2.09 0.00	42.47 2.14 0.00	42.66 2.22 0.00	42.40 2.25 0.00	42.32 2.17 0.00	40.21 1.95 0.00	41.69 1.98 0.00	40.59 1.90 0.00	42.79 2.08 0.00	43.99 2.29 0.00	49.71 2.77 0.00	49.61 2.81 0.00	49.35 2.84 0.00	45.47 2.61 0.00	40.85 2.28 0.00	38.65 1.91 0.00	35.57 1.73 0.00
KCE_NY_6_ESR 323823	30.54 -0.59 0.00	28.02 -0.43 0.00	26.49 0.08 0.00	26.08 0.10 0.00	26.60 0.08 0.00	30.61 0.30 0.00	37.08 0.00 0.00	38.89 0.19 0.00	40.26 -0.08 0.00	40.28 -0.16 0.00	40.36 0.20 0.00	40.40 0.24 0.00	38.65 0.38 0.00	39.83 0.12 0.00	38.73 0.04 0.00	40.83 0.12 0.00	42.61 0.92 0.00	47.13 0.19 0.00	47.46 0.65 0.00	47.02 0.51 0.00	42.43 -0.43 0.00	37.61 -0.96 0.00	37.29 0.55 0.00	34.29 0.44 0.00
KEDC_PORT_JEFF_GT2 24210	37.55 2.18 -4.23	33.17 1.96 -2.77	32.27 1.93 -3.93	31.50 1.79 -3.72	32.46 1.86 -4.08	36.41 2.09 -4.02	39.60 2.52 0.00	41.17 2.48 0.00	42.27 1.94 0.00	42.18 1.74 0.00	42.44 2.29 0.00	42.93 2.77 -0.01	40.87 2.60 0.00	43.69 2.86 -1.12	42.35 2.98 -0.67	45.35 3.01 -1.63	50.60 3.13 -5.78	58.70 3.80 -7.96	55.88 3.75 -5.32	54.35 3.53 -4.31	50.12 3.47 -3.79	42.89 3.12 -1.19	38.54 1.80 0.00	36.55 2.20 -0.50
KEDC_PORT_JEFF_GT3 24211	37.55 2.18 -4.23	33.17 1.96 -2.77	32.27 1.93 -3.93	31.50 1.79 -3.72	32.46 1.86 -4.08	36.41 2.09 -4.02	39.60 2.52 0.00	41.17 2.48 0.00	42.27 1.94 0.00	42.18 1.74 0.00	42.44 2.29 0.00	42.93 2.77 -0.01	40.87 2.60 0.00	43.69 2.86 -1.12	42.35 2.98 -0.67	45.35 3.01 -1.63	50.60 3.13 -5.78	58.70 3.80 -7.96	55.88 3.75 -5.32	54.35 3.53 -4.31	50.12 3.47 -3.79	42.89 3.12 -1.19	38.54 1.80 0.00	36.55 2.20 -0.50
KEDC_GLWD_GT4 24219	37.83 2.46 -4.23	33.43 2.22 -2.77	32.45 2.11 -3.93	31.76 2.05 -3.72	32.70 2.09 -4.08	36.68 2.37 -4.02	39.82 2.74 0.00	41.17 2.48 0.00	42.43 2.10 0.00	42.42 1.98 0.00	42.61 2.45 0.00	42.97 2.81 -0.01	40.94 2.68 0.00	43.73 2.90 -1.12	42.31 2.94 -0.67	45.31 2.97 -1.63	50.98 3.50 -5.78	58.98 4.08 -7.96	56.11 3.98 -5.32	54.63 3.81 -4.31	50.04 3.39 -3.79	42.73 2.97 -1.19	38.83 2.09 0.00	37.02 2.67 -0.50
KEDC_GLWD_GT5 24220	37.83 2.46 -4.23	33.43 2.22 -2.77	32.45 2.11 -3.93	31.76 2.05 -3.72	32.70 2.09 -4.08	36.68 2.37 -4.02	39.82 2.74 0.00	41.17 2.48 0.00	42.43 2.10 0.00	42.42 1.98 0.00	42.61 2.45 0.00	42.97 2.81 -0.01	40.94 2.68 0.00	43.73 2.90 -1.12	42.31 2.94 -0.67	45.31 2.97 -1.63	50.98 3.50 -5.78	58.98 4.08 -7.96	56.11 3.98 -5.32	54.63 3.81 -4.31	50.04 3.39 -3.79	42.73 2.97 -1.19	38.83 2.09 0.00	37.02 2.67 -0.50

KENSICO____ 23655	33.00 1.81 -0.06	30.15 1.62 -0.09	27.97 1.56 0.00	27.51 1.53 0.00	28.03 1.51 0.00	32.00 1.70 0.00	39.16 2.08 0.00	40.98 2.28 0.00	42.35 2.02 0.00	42.26 1.82 0.00	42.12 1.97 0.00	42.24 2.09 0.00	40.33 2.07 0.00	43.15 2.22 -1.22	41.71 2.28 -0.73	44.85 2.36 -1.78	50.92 2.92 -6.31	58.96 3.33 -8.69	55.80 3.18 -5.81	54.32 3.12 -4.70	49.82 2.83 -4.14	41.58 2.35 -0.66	38.61 1.87 0.00	35.71 1.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.78 1.74 0.10	29.86 1.56 0.14	27.84 1.43 0.00	27.44 1.45 0.00	27.98 1.46 0.00	31.91 1.61 0.00	39.08 2.00 0.00	40.78 2.09 0.00	42.27 1.94 0.00	42.14 1.70 0.00	41.88 1.73 0.00	41.96 1.81 0.00	40.06 1.80 0.00	41.24 1.79 0.25	40.44 1.90 0.15	42.38 2.04 0.37	42.94 2.54 1.30	48.10 2.96 1.79	48.60 3.00 1.20	48.38 2.84 0.97	44.62 2.61 0.85	40.52 2.08 0.14	38.43 1.69 0.00	35.51 1.66 0.00
KIAC_JFK_GT1 23816	33.16 1.96 -0.06	30.41 1.88 -0.09	28.24 1.82 0.00	27.75 1.77 0.00	28.27 1.75 0.00	32.27 1.97 0.00	39.42 2.34 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.50 2.06 0.00	42.45 2.29 0.00	42.57 2.41 0.00	40.71 2.45 0.00	43.44 2.62 -1.11	42.07 2.71 -0.67	45.13 2.81 -1.61	50.93 3.50 -5.73	58.91 4.08 -7.89	55.97 3.88 -5.28	54.54 3.77 -4.27	50.05 3.43 -3.76	41.87 2.70 -0.60	38.91 2.17 0.00	35.98 2.13 0.00
KIAC_JFK_GT2 23817	33.16 1.96 -0.06	30.41 1.88 -0.09	28.24 1.82 0.00	27.75 1.77 0.00	28.27 1.75 0.00	32.27 1.97 0.00	39.42 2.34 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.50 2.06 0.00	42.45 2.29 0.00	42.57 2.41 0.00	40.71 2.45 0.00	43.44 2.62 -1.11	42.07 2.71 -0.67	45.13 2.81 -1.61	50.93 3.50 -5.73	58.91 4.08 -7.89	55.97 3.88 -5.28	54.54 3.77 -4.27	50.05 3.43 -3.76	41.87 2.70 -0.60	38.91 2.17 0.00	35.98 2.13 0.00
KIAC_JFK____ 323774	33.16 1.96 -0.06	30.41 1.88 -0.09	28.24 1.82 0.00	27.72 1.74 0.00	28.27 1.75 0.00	32.27 1.97 0.00	39.42 2.34 0.00	41.36 2.67 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.44 2.29 0.00	42.57 2.41 0.00	40.71 2.45 0.00	43.44 2.62 -1.11	42.07 2.71 -0.67	45.13 2.81 -1.61	50.93 3.50 -5.73	58.91 4.08 -7.89	56.01 3.93 -5.28	54.54 3.77 -4.27	50.00 3.39 -3.76	41.83 2.66 -0.60	38.87 2.13 0.00	35.98 2.13 0.00
KINTIGH____ 23543	30.05 -1.09 0.00	27.56 -0.88 0.00	25.91 -0.50 0.00	25.33 -0.65 0.00	26.04 -0.48 0.00	29.94 -0.36 0.00	36.15 -0.93 0.00	37.76 -0.93 0.00	39.00 -1.33 0.00	39.22 -1.21 0.00	39.19 -0.96 0.00	39.11 -1.04 0.00	37.54 -0.73 0.00	38.56 -1.15 0.00	37.46 -1.24 0.00	39.57 -1.14 0.00	39.90 -1.79 0.00	45.67 -1.27 0.00	45.92 -0.89 0.00	45.30 -1.21 0.00	40.97 -1.89 0.00	36.49 -2.08 0.00	36.11 -0.62 0.00	33.37 -0.47 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	4.78 -1.99 24.37	6.37 -1.82 20.25	7.43 -1.77 17.21	7.41 -1.71 16.86	7.39 -1.88 17.25	8.69 -1.91 19.71	22.98 -2.22 11.87	36.13 -2.55 0.01	38.24 -2.10 0.00	38.46 -1.98 0.00	38.35 -1.81 0.00	38.63 -1.53 0.00	36.96 -1.30 0.00	38.20 -1.51 0.00	37.19 -1.51 0.00	39.29 -1.42 0.00	40.61 -1.08 0.00	45.11 -1.83 0.00	45.17 -1.64 0.00	45.02 -1.49 0.00	42.00 -0.86 0.00	37.95 -0.62 0.00	36.04 -0.70 0.00	33.31 -0.54 0.00
LACHUTE__HYDRO 323717	34.98 3.36 -0.48	32.39 3.24 -0.71	29.32 2.91 0.00	28.81 2.83 0.00	29.41 2.89 0.00	33.48 3.18 0.00	41.49 4.41 0.00	42.79 4.10 0.00	44.97 4.64 0.00	45.41 4.97 0.00	45.13 4.98 0.00	45.05 4.90 0.00	42.66 4.40 0.00	44.11 4.41 0.00	42.76 4.06 0.00	45.07 4.36 0.00	46.28 4.59 0.00	52.52 5.58 0.00	52.61 5.80 0.00	52.46 5.95 0.00	48.22 5.36 0.00	43.12 4.55 0.00	40.71 3.97 0.00	37.27 3.42 0.00
LAWRNCAL_115KV_TB1 80681	9.66 -1.03 20.45	10.54 -0.91 17.00	11.10 -0.87 14.45	11.00 -0.83 14.15	11.17 -0.88 14.47	12.79 -0.97 16.54	26.08 -1.04 9.96	37.56 -1.12 0.01	39.61 -0.73 0.00	39.71 -0.73 0.00	39.35 -0.80 0.00	39.15 -1.00 0.00	37.31 -0.96 0.00	38.52 -1.19 0.00	37.30 -1.39 0.00	39.25 -1.47 0.00	40.11 -1.58 0.00	45.01 -1.92 0.00	45.21 -1.59 0.00	45.07 -1.44 0.00	41.75 -1.11 0.00	37.84 -0.73 0.00	36.26 -0.48 0.00	33.54 -0.30 0.00
LEDERLE____ 23769	32.90 1.71 -0.05	30.08 1.56 -0.08	27.79 1.37 0.00	27.36 1.38 0.00	27.90 1.38 0.00	31.82 1.52 0.00	38.90 1.82 0.00	40.70 2.01 0.00	42.07 1.73 0.00	42.01 1.58 0.00	41.80 1.65 0.00	41.88 1.73 0.00	40.02 1.76 0.00	39.70 1.83 1.83	39.53 1.93 1.10	40.04 1.99 2.67	34.80 2.58 9.48	36.84 2.96 13.06	40.89 2.81 8.73	42.14 2.70 7.06	39.13 2.49 6.22	39.59 2.01 0.99	38.28 1.54 0.00	35.37 1.52 0.00
LIGHTHSE_115KV_TB6 355974	29.51 0.44 2.07	27.07 0.34 1.72	25.30 0.34 1.46	24.91 0.36 1.43	25.45 0.40 1.46	29.18 0.55 1.67	36.93 0.85 1.01	39.54 0.85 0.00	41.14 0.81 0.00	41.37 0.93 0.00	40.84 0.68 0.00	40.76 0.60 0.00	38.72 0.46 0.00	40.14 0.44 0.00	39.04 0.35 0.00	41.00 0.28 0.00	41.90 0.21 0.00	47.36 0.42 0.00	47.46 0.66 0.00	47.21 0.70 0.00	43.46 0.60 0.00	39.07 0.50 0.00	37.66 0.92 0.00	34.46 0.61 0.00
LINDEN COGEN____ 23786	33.09 1.90 -0.06	30.21 1.68 -0.09	28.03 1.61 0.00	27.54 1.56 0.00	28.08 1.56 0.00	32.06 1.76 0.00	39.27 2.19 0.00	41.17 2.48 0.00	42.43 2.10 0.00	42.34 1.90 0.00	42.24 2.09 0.00	42.36 2.21 0.00	40.48 2.22 0.00	43.16 2.34 -1.11	41.80 2.44 -0.67	44.85 2.53 -1.61	50.55 3.13 -5.73	58.49 3.66 -7.89	55.59 3.51 -5.28	54.13 3.35 -4.27	49.62 3.00 -3.76	41.60 2.43 -0.60	38.72 1.98 0.00	35.91 2.07 0.00
LINDHRST_69_KV_BK1 356055	37.85 2.49 -4.22	33.45 2.25 -2.76	32.47 2.14 -3.92	31.80 2.10 -3.72	32.71 2.12 -4.07	36.71 2.39 -4.01	39.90 2.82 0.00	41.56 2.86 0.00	42.92 2.58 0.00	42.70 2.26 0.00	42.89 2.73 0.00	43.37 3.21 0.00	41.32 3.06 0.00	44.05 3.22 -1.12	42.70 3.33 -0.67	45.72 3.38 -1.63	51.31 3.84 -5.78	59.36 4.46 -7.96	56.53 4.40 -5.32	55.05 4.23 -4.31	50.59 3.94 -3.79	43.23 3.47 -1.18	39.16 2.42 0.00	36.98 2.64 -0.49
LIPA_MISC_IPP 23656	36.95 1.59 -4.22	32.62 1.42 -2.76	31.81 1.48 -3.92	31.07 1.38 -3.72	32.00 1.41 -4.07	35.89 1.58 -4.01	38.97 1.89 0.00	40.55 1.86 0.00	41.79 1.45 0.00	41.49 1.05 0.00	41.72 1.57 0.00	42.24 2.09 0.00	40.21 1.95 0.00	42.93 2.10 -1.12	41.65 2.28 -0.67	44.58 2.24 -1.63	50.14 2.67 -5.78	58.09 3.19 -7.96	55.17 3.04 -5.32	53.70 2.88 -4.31	49.39 2.74 -3.79	42.22 2.47 -1.18	37.88 1.14 0.00	35.79 1.46 -0.49
LISF__SOLAR 323691	36.98 1.62 -4.23	32.66 1.45 -2.77	31.85 1.50 -3.93	31.08 1.38 -3.72	32.03 1.43 -4.08	35.92 1.60 -4.02	39.04 1.96 0.00	40.55 1.86 0.00	41.59 1.25 0.00	41.45 1.01 0.00	41.76 1.61 0.00	42.25 2.09 -0.01	40.21 1.95 0.00	43.01 2.18 -1.12	41.73 2.36 -0.67	44.66 2.32 -1.63	50.23 2.75 -5.78	58.33 3.42 -7.96	55.45 3.32 -5.32	53.93 3.12 -4.31	49.44 2.78 -3.79	42.31 2.55 -1.19	37.80 1.07 0.00	35.87 1.52 -0.50

LITTLE FALLS___HYD 24013	31.84 -0.47 -1.17	28.96 -0.46 -0.97	26.77 -0.48 -0.83	26.32 -0.47 -0.81	26.87 -0.48 -0.83	30.73 -0.52 -0.95	37.06 -0.59 -0.57	38.07 -0.62 0.00	39.65 -0.69 0.00	39.71 -0.73 0.00	39.39 -0.76 0.00	39.39 -0.76 0.00	37.46 -0.80 0.00	38.95 -0.75 0.00	37.88 -0.81 0.00	39.86 -0.85 0.00	40.78 -0.92 0.00	46.00 -0.94 0.00	45.87 -0.94 0.00	45.62 -0.88 0.00	42.05 -0.81 0.00	37.92 -0.66 0.00	36.04 -0.70 0.00	33.14 -0.71 0.00
LITTLRIV_115KV_TB1 356100	10.36 -0.78 20.00	11.11 -0.71 16.62	11.60 -0.69 14.13	11.49 -0.65 13.84	11.70 -0.66 14.15	13.40 -0.73 16.17	26.63 -0.70 9.74	37.95 -0.74 0.01	40.05 -0.28 0.00	40.15 -0.28 0.00	39.71 -0.44 0.00	39.51 -0.64 0.00	37.61 -0.65 0.00	38.83 -0.87 0.00	37.57 -1.12 0.00	39.53 -1.18 0.00	40.36 -1.33 0.00	45.39 -1.55 0.00	45.64 -1.17 0.00	45.53 -0.98 0.00	42.17 -0.69 0.00	38.19 -0.39 0.00	36.55 -0.18 0.00	33.78 -0.07 0.00
LI_NEWBRDGE___DRP 323616	37.60 2.24 -4.22	33.22 2.02 -2.76	32.26 1.93 -3.92	31.59 1.90 -3.72	32.50 1.91 -4.07	36.46 2.15 -4.01	39.56 2.48 0.00	41.21 2.52 0.00	42.55 2.22 0.00	42.38 1.94 0.00	42.45 2.29 0.00	42.81 2.65 0.00	40.83 2.56 0.00	43.53 2.70 -1.12	42.15 2.79 -0.67	45.15 2.81 -1.63	50.81 3.34 -5.78	58.75 3.85 -7.96	55.87 3.74 -5.32	54.40 3.58 -4.31	49.99 3.34 -3.79	42.65 2.89 -1.18	38.83 2.09 0.00	36.67 2.34 -0.49
LOCKPORT_115KV_TB60_63_64 80432	30.05 -1.09 0.00	27.56 -0.88 0.00	25.99 -0.42 0.00	25.38 -0.60 0.00	26.12 -0.40 0.00	30.06 -0.24 0.00	36.30 -0.78 0.00	37.96 -0.74 0.00	39.17 -1.17 0.00	39.35 -1.09 0.00	39.39 -0.76 0.00	39.31 -0.84 0.00	37.73 -0.54 0.00	38.79 -0.91 0.00	37.61 -1.08 0.00	39.77 -0.94 0.00	40.03 -1.67 0.00	45.86 -1.08 0.00	46.20 -0.61 0.00	45.58 -0.93 0.00	41.06 -1.80 0.00	36.45 -2.12 0.00	36.33 -0.40 0.00	33.61 -0.24 0.00
LOCKPORT___CC1 323769	30.08 -1.06 0.00	27.59 -0.85 0.00	26.04 -0.37 0.00	25.62 -0.36 0.00	26.15 -0.37 0.00	30.09 -0.21 0.00	36.37 -0.71 0.00	37.96 -0.74 0.00	39.29 -1.05 0.00	39.35 -1.09 0.00	39.39 -0.76 0.00	39.39 -0.76 0.00	37.73 -0.54 0.00	38.75 -0.95 0.00	37.73 -0.97 0.00	39.78 -0.93 0.00	41.53 -0.17 0.00	45.86 -1.08 0.00	46.20 -0.61 0.00	45.76 -0.75 0.00	41.32 -1.54 0.00	36.64 -1.93 0.00	36.48 -0.26 0.00	33.61 -0.24 0.00
LOCKPORT___CC2 323770	30.08 -1.06 0.00	27.59 -0.85 0.00	26.04 -0.37 0.00	25.62 -0.36 0.00	26.15 -0.37 0.00	30.09 -0.21 0.00	36.37 -0.71 0.00	37.96 -0.74 0.00	39.29 -1.05 0.00	39.35 -1.09 0.00	39.39 -0.76 0.00	39.39 -0.76 0.00	37.73 -0.54 0.00	38.75 -0.95 0.00	37.73 -0.97 0.00	39.78 -0.93 0.00	41.53 -0.17 0.00	45.86 -1.08 0.00	46.20 -0.61 0.00	45.76 -0.75 0.00	41.32 -1.54 0.00	36.64 -1.93 0.00	36.48 -0.26 0.00	33.61 -0.24 0.00
LOCKPORT___CC3 323771	30.08 -1.06 0.00	27.59 -0.85 0.00	26.04 -0.37 0.00	25.62 -0.36 0.00	26.15 -0.37 0.00	30.09 -0.21 0.00	36.37 -0.71 0.00	37.96 -0.74 0.00	39.29 -1.05 0.00	39.35 -1.09 0.00	39.39 -0.76 0.00	39.39 -0.76 0.00	37.73 -0.54 0.00	38.75 -0.95 0.00	37.73 -0.97 0.00	39.78 -0.93 0.00	41.53 -0.17 0.00	45.86 -1.08 0.00	46.20 -0.61 0.00	45.76 -0.75 0.00	41.32 -1.54 0.00	36.64 -1.93 0.00	36.48 -0.26 0.00	33.61 -0.24 0.00
LONG_LAKE_PHOENIX 24014	30.87 0.56 0.82	28.21 0.46 0.69	26.31 0.48 0.58	25.88 0.47 0.57	26.41 0.48 0.58	30.27 0.64 0.67	37.57 0.89 0.40	39.54 0.85 0.00	41.06 0.73 0.00	41.33 0.89 0.00	40.92 0.76 0.00	40.92 0.76 0.00	38.95 0.69 0.00	40.38 0.68 0.00	39.35 0.66 0.00	41.32 0.61 0.00	42.19 0.50 0.00	47.74 0.80 0.00	47.74 0.94 0.00	47.44 0.93 0.00	43.59 0.73 0.00	39.11 0.54 0.00	37.73 0.99 0.00	34.53 0.68 0.00
LOVETT___3 23632	32.78 1.59 -0.05	29.97 1.45 -0.08	27.68 1.27 0.00	27.23 1.25 0.00	27.77 1.25 0.00	31.70 1.39 0.00	38.71 1.63 0.00	40.51 1.82 0.00	41.83 1.49 0.00	41.77 1.33 0.00	41.52 1.37 0.00	41.60 1.45 0.00	39.79 1.53 0.00	39.47 1.63 1.87	39.28 1.70 1.12	39.75 1.75 2.71	34.39 2.33 9.64	36.34 2.68 13.28	40.41 2.48 8.87	41.70 2.37 7.18	38.77 2.23 6.32	39.34 1.77 1.00	38.06 1.32 0.00	35.20 1.35 0.00
LOVETT___4 23642	32.78 1.59 -0.05	29.97 1.45 -0.08	27.68 1.27 0.00	27.23 1.25 0.00	27.77 1.25 0.00	31.70 1.39 0.00	38.71 1.63 0.00	40.51 1.82 0.00	41.83 1.49 0.00	41.77 1.33 0.00	41.52 1.37 0.00	41.60 1.45 0.00	39.79 1.53 0.00	39.47 1.63 1.87	39.28 1.70 1.12	39.75 1.75 2.71	34.39 2.33 9.64	36.34 2.68 13.28	40.41 2.48 8.87	41.70 2.37 7.18	38.77 2.23 6.32	39.34 1.77 1.00	38.06 1.32 0.00	35.20 1.35 0.00
LOVETT___5 23593	32.78 1.59 -0.05	29.97 1.45 -0.08	27.68 1.27 0.00	27.23 1.25 0.00	27.77 1.25 0.00	31.70 1.39 0.00	38.71 1.63 0.00	40.51 1.82 0.00	41.83 1.49 0.00	41.77 1.33 0.00	41.52 1.37 0.00	41.60 1.45 0.00	39.79 1.53 0.00	39.47 1.63 1.87	39.28 1.70 1.12	39.75 1.75 2.71	34.39 2.33 9.64	36.34 2.68 13.28	40.41 2.48 8.87	41.70 2.37 7.18	38.77 2.23 6.32	39.34 1.77 1.00	38.06 1.32 0.00	35.20 1.35 0.00
LOWER RAQUET___HYD 24057	10.53 -1.03 19.58	11.24 -0.94 16.27	11.69 -0.90 13.83	11.58 -0.86 13.54	11.79 -0.87 13.86	13.50 -0.97 15.83	26.50 -1.04 9.54	37.56 -1.12 0.01	39.65 -0.69 0.00	39.75 -0.69 0.00	39.35 -0.80 0.00	39.15 -1.00 0.00	37.27 -1.00 0.00	38.44 -1.27 0.00	37.19 -1.51 0.00	39.12 -1.59 0.00	39.73 -1.96 0.00	44.87 -2.06 0.00	45.08 -1.73 0.00	44.93 -1.58 0.00	41.66 -1.20 0.00	37.76 -0.81 0.00	36.22 -0.51 0.00	33.54 -0.31 0.00
LOWER___HUDSON 24059	33.45 1.46 -0.85	31.06 1.37 -1.25	27.60 1.19 0.00	27.15 1.17 0.00	27.71 1.19 0.00	31.60 1.30 0.00	38.71 1.63 0.00	40.20 1.51 0.00	41.71 1.37 0.00	41.81 1.38 0.00	41.52 1.37 0.00	41.48 1.32 0.00	39.41 1.15 0.00	40.98 1.27 0.00	39.86 1.16 0.00	42.01 1.30 0.00	43.19 1.50 0.00	48.82 1.88 0.00	48.63 1.82 0.00	48.42 1.91 0.00	44.66 1.80 0.00	40.15 1.58 0.00	37.99 1.25 0.00	35.07 1.22 0.00
LOWVILLE_115KV_TB2 356335	26.37 0.12 4.89	24.43 0.06 4.07	22.99 0.03 3.45	22.62 0.03 3.38	23.19 0.13 3.46	26.59 0.24 3.96	35.36 0.67 2.38	39.58 0.89 0.00	41.63 1.29 0.00	41.77 1.33 0.00	41.20 1.04 0.00	41.08 0.92 0.00	38.91 0.65 0.00	40.38 0.68 0.00	39.16 0.46 0.00	41.20 0.49 0.00	42.15 0.46 0.00	47.74 0.80 0.00	47.84 1.03 0.00	47.67 1.16 0.00	43.89 1.03 0.00	39.57 1.00 0.00	37.84 1.10 0.00	34.63 0.78 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.44 1.81 -0.50	30.89 1.71 -0.74	27.95 1.53 0.00	27.49 1.51 0.00	28.06 1.54 0.00	31.97 1.67 0.00	39.27 2.19 0.00	40.74 2.05 0.00	42.43 2.10 0.00	42.62 2.18 0.00	42.37 2.21 0.00	42.33 2.17 0.00	40.18 1.91 0.00	41.69 1.99 0.00	40.59 1.90 0.00	42.75 2.04 0.00	43.90 2.21 0.00	49.71 2.77 0.00	49.57 2.76 0.00	49.35 2.84 0.00	45.47 2.61 0.00	40.85 2.28 0.00	38.65 1.91 0.00	35.57 1.73 0.00

LUTHERNY_35_KV_BK2 355980	33.48 1.84 -0.50	30.92 1.74 -0.74	27.97 1.56 0.00	27.49 1.51 0.00	28.06 1.54 0.00	32.00 1.70 0.00	39.31 2.22 0.00	40.78 2.09 0.00	42.47 2.14 0.00	42.66 2.22 0.00	42.41 2.25 0.00	42.33 2.17 0.00	40.18 1.91 0.00	41.69 1.99 0.00	40.63 1.93 0.00	42.79 2.08 0.00	43.94 2.25 0.00	49.71 2.77 0.00	49.61 2.81 0.00	49.39 2.88 0.00	45.52 2.66 0.00	40.85 2.28 0.00	38.65 1.91 0.00	35.57 1.73 0.00
LWR___OSWEGATCHIE_HYD 23850	17.66 -0.44 13.04	17.18 -0.43 10.84	16.78 -0.42 9.21	16.54 -0.42 9.02	16.92 -0.37 9.23	19.39 -0.36 10.55	30.54 -0.19 6.35	38.57 -0.12 0.00	40.62 0.28 0.00	40.72 0.28 0.00	40.24 0.08 0.00	40.04 -0.12 0.00	38.00 -0.27 0.00	39.31 -0.40 0.00	38.08 -0.62 0.00	40.06 -0.65 0.00	40.94 -0.75 0.00	46.19 -0.75 0.00	46.34 -0.47 0.00	46.23 -0.28 0.00	42.69 -0.17 0.00	38.61 0.04 0.00	37.00 0.26 0.00	34.05 0.20 0.00
LYONS_FALL_HYD 23570	28.76 0.40 2.78	26.44 0.31 2.31	24.74 0.29 1.96	24.34 0.29 1.92	24.92 0.37 1.97	28.57 0.51 2.25	36.61 0.89 1.36	39.77 1.08 0.00	41.66 1.33 0.00	41.81 1.38 0.00	41.32 1.17 0.00	41.24 1.08 0.00	39.07 0.80 0.00	40.58 0.87 0.00	39.39 0.70 0.00	41.44 0.73 0.00	42.44 0.75 0.00	47.97 1.03 0.00	47.98 1.17 0.00	47.81 1.30 0.00	43.97 1.11 0.00	39.61 1.04 0.00	37.84 1.10 0.00	34.66 0.81 0.00
MADISON___COUNTY_LFGE 323628	32.07 0.93 0.00	29.27 0.82 0.00	27.18 0.77 0.00	26.73 0.75 0.00	27.34 0.82 0.00	31.30 1.00 0.00	38.42 1.33 0.00	40.24 1.55 0.00	41.83 1.49 0.00	42.01 1.58 0.00	41.60 1.45 0.00	41.56 1.41 0.00	39.49 1.22 0.00	41.06 1.35 0.00	39.90 1.20 0.00	41.93 1.22 0.00	42.90 1.21 0.00	48.53 1.60 0.00	48.49 1.69 0.00	48.23 1.72 0.00	44.32 1.46 0.00	39.81 1.23 0.00	37.99 1.25 0.00	34.83 0.98 0.00
MALONE___115KV_TB1 356076	6.87 -1.49 22.77	8.15 -1.37 18.93	9.04 -1.29 16.08	8.95 -1.27 15.76	9.05 -1.35 16.12	10.46 -1.42 18.42	24.35 -1.63 11.10	36.87 -1.82 0.01	39.00 -1.33 0.00	39.14 -1.29 0.00	38.87 -1.29 0.00	38.95 -1.20 0.00	37.19 -1.07 0.00	38.48 -1.23 0.00	37.42 -1.28 0.00	39.41 -1.30 0.00	40.53 -1.17 0.00	45.34 -1.60 0.00	45.50 -1.31 0.00	45.35 -1.16 0.00	42.05 -0.81 0.00	37.95 -0.62 0.00	36.19 -0.55 0.00	33.44 -0.41 0.00
MAPLEWOD_115KV_TB3 80458	33.01 1.09 -0.78	30.62 1.02 -1.16	27.31 0.90 0.00	26.86 0.88 0.00	27.39 0.88 0.00	31.24 0.94 0.00	38.30 1.22 0.00	39.78 1.08 0.00	41.30 0.97 0.00	41.41 0.97 0.00	41.16 1.00 0.00	41.12 0.96 0.00	39.10 0.84 0.00	40.62 0.91 0.00	39.59 0.89 0.00	41.69 0.98 0.00	42.86 1.17 0.00	48.39 1.46 0.00	48.26 1.45 0.00	48.00 1.49 0.00	44.27 1.41 0.00	39.81 1.23 0.00	37.66 0.92 0.00	34.73 0.88 0.00
MAPLE_RIDGE_WT_1 323574	-5.97 -1.77 35.34	-2.54 -1.62 29.37	-0.08 -1.53 24.96	0.00 -1.53 24.45	0.00 -1.51 25.01	0.00 -1.73 28.58	17.79 -2.08 17.22	36.59 -2.09 0.01	38.52 -1.81 0.00	38.78 -1.66 0.00	38.55 -1.61 0.00	38.67 -1.48 0.00	36.92 -1.34 0.00	38.28 -1.43 0.00	37.23 -1.47 0.00	39.21 -1.51 0.00	40.07 -1.63 0.00	45.25 -1.69 0.00	45.40 -1.40 0.00	45.07 -1.44 0.00	41.62 -1.24 0.00	37.57 -1.00 0.00	35.86 -0.88 0.00	33.17 -0.68 0.00
MAPLE_RIDGE_WT_2 323611	-5.97 -1.77 35.34	-2.54 -1.62 29.37	-0.08 -1.53 24.96	0.00 -1.53 24.45	0.00 -1.51 25.01	0.00 -1.73 28.58	17.79 -2.08 17.22	36.59 -2.09 0.01	38.52 -1.81 0.00	38.78 -1.66 0.00	38.55 -1.61 0.00	38.67 -1.48 0.00	36.92 -1.34 0.00	38.28 -1.43 0.00	37.23 -1.47 0.00	39.21 -1.51 0.00	40.07 -1.63 0.00	45.25 -1.69 0.00	45.40 -1.40 0.00	45.07 -1.44 0.00	41.62 -1.24 0.00	37.57 -1.00 0.00	35.86 -0.88 0.00	33.17 -0.68 0.00
MARBLE_RIVER_WT_PWR 323696	4.78 -1.99 24.37	6.34 -1.85 20.25	7.41 -1.80 17.21	7.35 -1.77 16.86	7.42 -1.86 17.25	8.60 -2.00 19.71	22.87 -2.33 11.87	36.09 -2.59 0.01	38.08 -2.26 0.00	38.25 -2.18 0.00	38.11 -2.05 0.00	38.31 -1.85 0.00	36.62 -1.64 0.00	37.88 -1.83 0.00	36.88 -1.82 0.00	38.88 -1.83 0.00	39.78 -1.92 0.00	44.64 -2.30 0.00	44.75 -2.06 0.00	44.56 -1.95 0.00	41.40 -1.46 0.00	37.42 -1.16 0.00	35.60 -1.14 0.00	32.94 -0.91 0.00
MARSHVLE_115KV_TB1 80742	34.10 2.74 -0.22	31.33 2.56 -0.32	28.77 2.35 0.00	28.29 2.31 0.00	28.93 2.41 0.00	33.06 2.76 0.00	40.83 3.75 0.00	42.29 3.60 0.00	44.01 3.67 0.00	44.00 3.56 0.00	43.37 3.21 0.00	42.85 2.69 0.00	40.67 2.41 0.00	42.21 2.50 0.00	41.21 2.52 0.00	43.68 2.97 0.00	45.61 3.92 0.00	51.87 4.93 0.00	51.86 5.06 0.00	51.62 5.12 0.00	47.40 4.54 0.00	42.43 3.86 0.00	40.19 3.45 0.00	36.79 2.94 0.00
MARSH_HILL_WT_PWR 323713	31.01 -0.12 0.00	28.61 0.17 0.00	27.15 0.74 0.00	26.81 0.83 0.00	27.53 1.01 0.00	31.82 1.51 0.00	39.46 2.38 0.00	41.94 3.25 0.00	43.12 2.78 0.00	43.23 2.79 0.00	43.09 2.93 0.00	42.85 2.69 0.00	40.94 2.68 0.00	42.29 2.58 0.00	41.21 2.51 0.00	43.68 2.97 0.00	45.49 3.79 0.00	51.11 4.18 0.00	51.53 4.73 0.00	51.20 4.70 0.00	46.37 3.52 0.00	41.00 2.43 0.00	39.86 3.12 0.00	36.42 2.57 0.00
MCINTYRE_115KV_TB2 80467	9.80 -0.65 20.68	10.69 -0.57 17.19	11.25 -0.55 14.61	11.15 -0.52 14.31	11.33 -0.56 14.64	12.97 -0.61 16.72	26.45 -0.56 10.08	38.07 -0.62 0.01	40.17 -0.16 0.00	40.24 -0.20 0.00	39.76 -0.40 0.00	39.59 -0.56 0.00	37.73 -0.54 0.00	38.99 -0.71 0.00	37.77 -0.93 0.00	39.77 -0.94 0.00	40.65 -1.04 0.00	45.72 -1.22 0.00	46.01 -0.80 0.00	45.95 -0.56 0.00	42.47 -0.39 0.00	38.42 -0.15 0.00	36.74 0.00 0.00	33.92 0.07 0.00
MECO_____69_KV_BK1 80468	34.18 2.80 -0.24	31.44 2.65 -0.35	28.82 2.40 0.00	28.34 2.36 0.00	28.99 2.47 0.00	33.12 2.82 0.00	40.90 3.82 0.00	42.29 3.60 0.00	44.13 3.79 0.00	44.28 3.84 0.00	43.73 3.57 0.00	43.41 3.25 0.00	41.17 2.91 0.00	42.73 3.02 0.00	41.75 3.06 0.00	44.09 3.38 0.00	45.74 4.04 0.00	51.96 5.02 0.00	52.00 5.20 0.00	51.76 5.26 0.00	47.53 4.67 0.00	42.54 3.97 0.00	40.27 3.53 0.00	36.86 3.01 0.00
MENANDS___115KV_TB5 355628	32.65 0.93 -0.58	30.15 0.85 -0.86	27.15 0.74 0.00	26.71 0.73 0.00	27.24 0.72 0.00	31.06 0.76 0.00	38.04 0.96 0.00	39.51 0.81 0.00	41.06 0.73 0.00	41.13 0.69 0.00	40.88 0.72 0.00	40.88 0.72 0.00	38.84 0.57 0.00	40.34 0.64 0.00	39.35 0.66 0.00	41.40 0.69 0.00	42.57 0.88 0.00	48.06 1.13 0.00	47.88 1.08 0.00	47.67 1.16 0.00	43.97 1.11 0.00	39.54 0.96 0.00	37.40 0.66 0.00	34.53 0.68 0.00
MG INDUSTRY___DRP 24185	31.09 0.90 0.95	27.93 0.88 1.40	27.18 0.77 0.00	26.73 0.75 0.00	27.26 0.74 0.00	31.09 0.79 0.00	38.08 1.00 0.00	39.51 0.81 0.00	41.06 0.73 0.00	41.17 0.73 0.00	40.88 0.72 0.00	40.84 0.68 0.00	38.80 0.54 0.00	40.26 0.56 0.00	39.28 0.58 0.00	41.36 0.65 0.00	42.49 0.79 0.00	48.02 1.08 0.00	47.88 1.08 0.00	47.67 1.16 0.00	43.97 1.11 0.00	39.57 1.00 0.00	37.47 0.73 0.00	34.59 0.74 0.00

MID___OSWEGATCHIE_HYD 23849	17.66 -0.44 13.04	17.18 -0.43 10.84	16.78 -0.42 9.21	16.54 -0.42 9.02	16.92 -0.37 9.23	19.39 -0.36 10.55	30.54 -0.19 6.35	38.57 -0.12 0.00	40.62 0.28 0.00	40.72 0.28 0.00	40.24 0.08 0.00	40.04 -0.12 0.00	38.00 -0.27 0.00	39.31 -0.40 0.00	38.08 -0.62 0.00	40.06 -0.65 0.00	40.94 -0.75 0.00	46.19 -0.75 0.00	46.34 -0.47 0.00	46.23 -0.28 0.00	42.69 -0.17 0.00	38.61 0.04 0.00	37.00 0.26 0.00	34.05 0.20 0.00
MID___RAQUETTE_HYD 23851	10.53 -1.03 19.58	11.23 -0.94 16.27	11.69 -0.90 13.83	11.58 -0.86 13.54	11.79 -0.88 13.86	13.50 -0.97 15.83	26.50 -1.04 9.54	37.56 -1.12 0.01	39.65 -0.69 0.00	39.75 -0.69 0.00	39.35 -0.80 0.00	39.15 -1.00 0.00	37.27 -0.99 0.00	38.44 -1.27 0.00	37.19 -1.51 0.00	39.12 -1.59 0.00	39.94 -1.75 0.00	44.87 -2.07 0.00	45.07 -1.73 0.00	44.93 -1.58 0.00	41.66 -1.20 0.00	37.76 -0.81 0.00	36.22 -0.51 0.00	33.54 -0.30 0.00
MILLIKEN___1 23584	31.95 0.81 0.00	29.18 0.74 0.00	27.18 0.77 0.00	26.73 0.75 0.00	27.32 0.80 0.00	31.30 1.00 0.00	38.42 1.33 0.00	40.39 1.70 0.00	41.79 1.45 0.00	42.01 1.58 0.00	41.56 1.41 0.00	41.56 1.41 0.00	39.53 1.26 0.00	41.02 1.31 0.00	39.97 1.28 0.00	42.05 1.34 0.00	43.07 1.38 0.00	48.91 1.97 0.00	49.01 2.20 0.00	48.65 2.14 0.00	44.57 1.71 0.00	39.88 1.31 0.00	38.21 1.47 0.00	35.00 1.15 0.00
MILLIKEN___2 23585	31.95 0.81 0.00	29.18 0.74 0.00	27.18 0.77 0.00	26.73 0.75 0.00	27.32 0.80 0.00	31.30 1.00 0.00	38.42 1.33 0.00	40.39 1.70 0.00	41.79 1.45 0.00	42.01 1.58 0.00	41.56 1.41 0.00	41.56 1.41 0.00	39.53 1.26 0.00	41.02 1.31 0.00	39.97 1.28 0.00	42.05 1.34 0.00	43.07 1.38 0.00	48.91 1.97 0.00	49.01 2.20 0.00	48.65 2.14 0.00	44.57 1.71 0.00	39.88 1.31 0.00	38.21 1.47 0.00	35.00 1.15 0.00
MILLIKEN___DIESEL 23629	31.95 0.81 0.00	29.18 0.74 0.00	27.18 0.77 0.00	26.73 0.75 0.00	27.32 0.80 0.00	31.30 1.00 0.00	38.42 1.33 0.00	40.39 1.70 0.00	41.79 1.45 0.00	42.01 1.58 0.00	41.56 1.41 0.00	41.56 1.41 0.00	39.53 1.26 0.00	41.02 1.31 0.00	39.97 1.28 0.00	42.05 1.34 0.00	43.07 1.38 0.00	48.91 1.97 0.00	49.01 2.20 0.00	48.65 2.14 0.00	44.57 1.71 0.00	39.88 1.31 0.00	38.21 1.47 0.00	35.00 1.15 0.00
MILLSEAT___LFGE 323607	30.48 -0.66 0.00	27.96 -0.48 0.00	26.31 -0.11 0.00	25.93 -0.05 0.00	26.47 -0.05 0.00	30.49 0.18 0.00	37.01 -0.07 0.00	38.69 0.00 0.00	40.06 -0.28 0.00	40.20 -0.24 0.00	40.12 -0.04 0.00	40.04 -0.12 0.00	38.34 0.08 0.00	39.43 -0.28 0.00	38.38 -0.31 0.00	40.34 -0.37 0.00	42.15 0.46 0.00	46.66 -0.28 0.00	47.04 0.24 0.00	46.60 0.09 0.00	42.13 -0.73 0.00	37.38 -1.20 0.00	37.11 0.37 0.00	34.09 0.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.91 1.71 -0.06	30.09 1.56 -0.08	27.92 1.51 0.00	27.46 1.48 0.00	27.98 1.46 0.00	31.94 1.64 0.00	39.08 2.00 0.00	40.86 2.17 0.00	42.23 1.90 0.00	42.18 1.74 0.00	42.04 1.89 0.00	42.12 1.97 0.00	40.25 1.99 0.00	47.94 2.10 -6.12	44.53 2.17 -3.67	51.88 2.28 -8.89	76.05 2.79 -31.56	93.65 3.24 -43.47	78.96 3.09 -29.06	73.00 2.98 -23.51	66.30 2.74 -20.70	44.14 2.28 -3.29	38.50 1.76 0.00	35.61 1.76 0.00
MILLWOOD_13_KV_LOAD 356217	33.00 1.81 -0.06	30.15 1.62 -0.08	27.97 1.56 0.00	27.51 1.53 0.00	28.06 1.54 0.00	32.03 1.73 0.00	39.19 2.11 0.00	41.01 2.32 0.00	42.39 2.06 0.00	42.34 1.90 0.00	42.20 2.05 0.00	42.33 2.17 0.00	40.41 2.14 0.00	48.17 2.34 -6.12	44.76 2.40 -3.67	52.12 2.52 -8.89	76.30 3.04 -31.56	93.88 3.47 -43.47	79.24 3.37 -29.06	73.28 3.26 -23.51	66.56 3.00 -20.70	44.33 2.47 -3.29	38.65 1.91 0.00	35.71 1.86 0.00
MODEL_CITY_ENERGY 24167	29.74 -1.40 0.00	27.28 -1.17 0.00	25.76 -0.66 0.00	25.33 -0.65 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.93 -1.15 0.00	37.45 -1.24 0.00	38.76 -1.57 0.00	38.82 -1.62 0.00	38.87 -1.29 0.00	38.87 -1.29 0.00	37.23 -1.03 0.00	38.24 -1.47 0.00	37.23 -1.47 0.00	39.25 -1.46 0.00	40.94 -0.75 0.00	45.25 -1.69 0.00	45.54 -1.26 0.00	45.11 -1.39 0.00	40.76 -2.10 0.00	36.18 -2.39 0.00	36.00 -0.73 0.00	33.20 -0.64 0.00
MODERN_LFGE___ 323580	29.74 -1.40 0.00	27.28 -1.17 0.00	25.76 -0.66 0.00	25.33 -0.65 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.93 -1.15 0.00	37.45 -1.24 0.00	38.76 -1.57 0.00	38.82 -1.62 0.00	38.87 -1.29 0.00	38.87 -1.29 0.00	37.23 -1.03 0.00	38.24 -1.47 0.00	37.23 -1.47 0.00	39.25 -1.46 0.00	40.94 -0.75 0.00	45.25 -1.69 0.00	45.54 -1.26 0.00	45.11 -1.39 0.00	40.76 -2.10 0.00	36.18 -2.39 0.00	36.00 -0.73 0.00	33.20 -0.64 0.00
MOHAWK_PAPER___DRP 24187	33.01 1.09 -0.78	30.62 1.02 -1.16	27.31 0.90 0.00	26.86 0.88 0.00	27.39 0.88 0.00	31.24 0.94 0.00	38.30 1.22 0.00	39.78 1.08 0.00	41.30 0.97 0.00	41.41 0.97 0.00	41.16 1.00 0.00	41.12 0.96 0.00	39.10 0.84 0.00	40.62 0.91 0.00	39.59 0.89 0.00	41.69 0.98 0.00	42.86 1.17 0.00	48.39 1.46 0.00	48.26 1.45 0.00	48.00 1.49 0.00	44.27 1.41 0.00	39.81 1.23 0.00	37.66 0.92 0.00	34.73 0.88 0.00
MOHICAN___35_KV_115KV_LD 80490	33.88 2.24 -0.50	31.28 2.10 -0.73	28.32 1.90 0.00	27.83 1.84 0.00	28.40 1.88 0.00	32.39 2.09 0.00	39.90 2.82 0.00	41.36 2.67 0.00	43.20 2.86 0.00	43.47 3.03 0.00	43.21 3.05 0.00	43.13 2.97 0.00	40.90 2.64 0.00	42.37 2.66 0.00	41.25 2.55 0.00	43.40 2.69 0.00	44.57 2.88 0.00	50.50 3.57 0.00	50.46 3.65 0.00	50.28 3.77 0.00	46.25 3.39 0.00	41.50 2.93 0.00	39.20 2.46 0.00	36.01 2.17 0.00
MONGAUP___HYD 23641	32.63 1.49 0.00	29.81 1.37 0.00	27.66 1.24 0.00	27.20 1.22 0.00	27.77 1.25 0.00	31.67 1.36 0.00	38.79 1.71 0.00	40.39 1.70 0.00	41.87 1.53 0.00	41.73 1.29 0.00	41.48 1.32 0.00	41.48 1.32 0.00	39.60 1.34 0.00	39.84 1.35 1.22	39.40 1.43 0.73	40.53 1.59 1.76	37.43 2.00 6.27	40.74 2.44 8.63	43.56 2.53 5.77	44.21 2.37 4.67	40.93 2.18 4.11	39.61 1.70 0.65	38.13 1.40 0.00	35.24 1.39 0.00
MONTAUK___DIESEL 23721	37.29 1.93 -4.22	32.99 1.79 -2.76	32.29 1.95 -3.92	31.57 1.87 -3.72	32.55 1.96 -4.07	36.49 2.18 -4.01	39.75 2.67 0.00	41.36 2.67 0.00	42.39 2.06 0.00	42.06 1.62 0.00	42.16 2.01 0.00	42.69 2.53 0.00	40.48 2.22 0.00	43.13 2.30 -1.12	41.84 2.48 -0.67	44.62 2.28 -1.63	50.18 2.71 -5.78	58.05 3.14 -7.96	54.84 2.71 -5.32	53.37 2.56 -4.31	48.88 2.23 -3.79	41.88 2.12 -1.18	37.14 0.40 0.00	35.25 0.91 -0.49
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.73 -0.40 0.00	28.24 -0.20 0.00	26.97 0.55 0.00	26.37 0.39 0.00	27.18 0.66 0.00	31.30 1.00 0.00	37.97 0.89 0.00	40.32 1.63 0.00	41.55 1.21 0.00	41.65 1.21 0.00	41.76 1.61 0.00	41.72 1.57 0.00	39.99 1.72 0.00	41.34 1.63 0.00	40.09 1.39 0.00	42.30 1.59 0.00	42.78 1.08 0.00	48.91 1.97 0.00	49.29 2.48 0.00	48.69 2.19 0.00	43.76 0.90 0.00	38.73 0.15 0.00	38.24 1.51 0.00	35.13 1.29 0.00

MORRIS_RIDGE___SOLAR 323848	30.73 -0.41 0.00	28.21 -0.23 0.00	26.57 0.16 0.00	26.16 0.18 0.00	26.73 0.21 0.00	30.73 0.42 0.00	37.34 0.26 0.00	39.19 0.50 0.00	40.54 0.20 0.00	40.64 0.20 0.00	40.52 0.36 0.00	40.56 0.40 0.00	38.72 0.46 0.00	39.99 0.28 0.00	38.93 0.23 0.00	41.04 0.32 0.00	42.65 0.96 0.00	47.50 0.57 0.00	47.74 0.94 0.00	47.35 0.84 0.00	42.95 0.09 0.00	38.15 -0.42 0.00	37.40 0.66 0.00	34.42 0.57 0.00
MORTIMER_115KV_TB3 55949	30.58 -0.56 0.00	28.02 -0.43 0.00	26.20 -0.21 0.00	25.69 -0.29 0.00	26.39 -0.13 0.00	30.36 0.06 0.00	36.82 -0.26 0.00	38.54 -0.15 0.00	39.89 -0.44 0.00	40.24 -0.20 0.00	40.08 -0.08 0.00	39.92 -0.24 0.00	38.26 0.00 0.00	39.39 -0.32 0.00	38.27 -0.43 0.00	40.34 -0.37 0.00	40.86 -0.83 0.00	46.61 -0.33 0.00	46.85 0.05 0.00	46.28 -0.23 0.00	42.00 -0.86 0.00	37.45 -1.12 0.00	36.77 0.04 0.00	33.88 0.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.67 1.69 0.00	28.19 1.67 0.00	32.18 1.88 0.00	39.42 2.34 0.00	41.25 2.55 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.41 2.25 0.00	42.53 2.37 0.00	40.60 2.33 0.00	43.32 2.50 -1.11	41.92 2.55 -0.67	44.97 2.65 -1.61	50.67 3.25 -5.73	58.58 3.75 -7.89	55.68 3.60 -5.27	54.22 3.44 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	35.98 2.13 0.00
MUNSVILLE_WIND_PWR 323609	33.13 1.99 0.00	30.18 1.74 0.00	28.11 1.69 0.00	27.72 1.74 0.00	28.35 1.83 0.00	32.58 2.27 0.00	40.30 3.22 0.00	42.52 3.83 0.00	44.09 3.75 0.00	44.36 3.92 0.00	43.69 3.53 0.00	43.69 3.53 0.00	41.44 3.17 0.00	43.16 3.45 0.00	41.72 3.02 0.00	43.89 3.18 0.00	45.24 3.54 0.00	51.30 4.37 0.00	51.49 4.68 0.00	51.44 4.93 0.00	46.97 4.11 0.00	42.04 3.47 0.00	40.27 3.53 0.00	36.56 2.71 0.00
N SALMON___HYD 24042	6.87 -1.49 22.77	8.15 -1.36 18.93	9.04 -1.29 16.08	8.95 -1.27 15.76	9.05 -1.35 16.12	10.46 -1.42 18.42	24.35 -1.63 11.10	36.87 -1.82 0.01	39.01 -1.33 0.00	39.14 -1.30 0.00	38.87 -1.29 0.00	38.95 -1.20 0.00	37.19 -1.07 0.00	38.48 -1.23 0.00	37.38 -1.32 0.00	39.41 -1.30 0.00	40.32 -1.37 0.00	45.34 -1.60 0.00	45.50 -1.31 0.00	45.30 -1.21 0.00	42.04 -0.82 0.00	37.95 -0.62 0.00	36.15 -0.59 0.00	33.44 -0.40 0.00
N.AKRON__115KV_KNAPP 355671	30.48 -0.65 0.00	27.93 -0.51 0.00	26.31 -0.11 0.00	25.69 -0.29 0.00	26.49 -0.03 0.00	30.51 0.21 0.00	36.89 -0.19 0.00	38.69 0.00 0.00	39.93 -0.40 0.00	40.15 -0.28 0.00	40.12 -0.04 0.00	39.96 -0.20 0.00	38.34 0.08 0.00	39.43 -0.28 0.00	38.23 -0.46 0.00	40.34 -0.37 0.00	40.69 -1.00 0.00	46.66 -0.28 0.00	47.04 0.23 0.00	46.42 -0.09 0.00	41.83 -1.03 0.00	37.18 -1.39 0.00	36.92 0.18 0.00	34.09 0.24 0.00
N.BELMOR_69_KV_BK1 55787	37.76 2.40 -4.22	33.36 2.16 -2.76	32.39 2.06 -3.92	31.72 2.03 -3.72	32.63 2.04 -4.07	36.58 2.27 -4.01	39.71 2.63 0.00	41.32 2.63 0.00	42.72 2.38 0.00	42.58 2.14 0.00	42.73 2.57 0.00	43.13 2.97 0.00	41.09 2.83 0.00	43.85 3.02 -1.12	42.42 3.06 -0.67	45.35 3.01 -1.63	51.06 3.59 -5.78	59.03 4.13 -7.96	56.16 4.03 -5.32	54.72 3.91 -4.31	50.21 3.56 -3.79	42.96 3.20 -1.18	39.09 2.35 0.00	36.91 2.57 -0.49
N.E_GEN_SANDY PD 24062	33.10 1.49 -0.47	30.50 1.37 -0.69	27.60 1.19 0.00	27.15 1.17 0.00	27.71 1.19 0.00	31.60 1.30 0.00	38.60 1.52 0.00	40.20 1.51 0.00	41.54 1.21 0.00	41.53 1.09 0.00	41.28 1.12 0.00	41.28 1.12 0.00	39.26 0.99 0.00	41.23 1.15 -0.37	40.00 1.08 -0.22	42.47 1.22 -0.54	45.10 1.50 -1.91	51.40 1.83 -2.63	50.30 1.73 -1.76	49.70 1.77 -1.42	45.83 1.72 -1.25	40.27 1.50 -0.20	37.88 1.14 0.00	35.00 1.15 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.81 1.62 -0.05	30.03 1.51 -0.08	27.71 1.29 0.00	27.28 1.30 0.00	27.82 1.30 0.00	31.73 1.42 0.00	38.79 1.71 0.00	40.55 1.86 0.00	41.91 1.57 0.00	41.85 1.42 0.00	41.64 1.49 0.00	41.72 1.57 0.00	39.87 1.61 0.00	39.56 1.71 1.85	39.36 1.78 1.11	39.89 1.87 2.69	34.55 2.42 9.56	36.54 2.77 13.17	40.63 2.62 8.80	41.90 2.51 7.12	38.91 2.31 6.27	39.43 1.85 1.00	38.17 1.43 0.00	35.27 1.42 0.00
N.QUEENS_27_KV_LOAD 356247	33.57 2.37 -0.07	30.67 2.13 -0.09	28.47 2.06 0.00	28.02 2.03 -0.01	28.54 2.02 0.00	32.48 2.18 0.00	39.56 2.48 0.00	41.28 2.59 0.00	42.55 2.22 0.00	42.46 2.02 0.00	42.37 2.21 0.00	42.41 2.25 0.00	40.56 2.30 0.00	43.28 2.46 -1.11	41.92 2.55 -0.67	44.93 2.61 -1.61	50.72 3.29 -5.73	58.72 3.90 -7.89	55.68 3.60 -5.27	54.22 3.44 -4.27	49.70 3.09 -3.76	41.64 2.47 -0.60	39.05 2.31 0.00	36.46 2.61 -0.01
N.TROY___115KV_TB1 355778	33.45 1.46 -0.85	31.06 1.37 -1.25	27.60 1.19 0.00	27.15 1.17 0.00	27.71 1.19 0.00	31.61 1.30 0.00	38.71 1.63 0.00	40.20 1.51 0.00	41.71 1.37 0.00	41.81 1.37 0.00	41.52 1.37 0.00	41.52 1.37 0.00	39.41 1.15 0.00	40.98 1.27 0.00	39.90 1.20 0.00	42.01 1.30 0.00	43.19 1.50 0.00	48.81 1.88 0.00	48.68 1.87 0.00	48.46 1.95 0.00	44.66 1.80 0.00	40.19 1.62 0.00	38.02 1.29 0.00	35.07 1.22 0.00
NARROWS_GT1_1 24228	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT1_2 24229	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT1_3 24230	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT1_4 24231	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01

NARROWS_GT1_5 24232	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT1_6 24233	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT1_7 24234	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT1_8 24235	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT2_1 24236	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT2_2 24237	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT2_3 24238	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT2_4 24239	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT2_5 24240	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT2_6 24241	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT2_7 24242	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NARROWS_GT2_8 24243	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.48 2.33 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.82 3.99 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.50 1.40 1.04	28.21 1.31 1.54	27.47 1.06 0.00	27.05 1.07 0.00	27.58 1.06 0.00	31.42 1.12 0.00	38.71 1.63 0.00	39.74 1.04 0.00	41.51 1.17 0.00	41.53 1.09 0.00	41.12 0.96 0.00	40.92 0.76 0.00	38.80 0.54 0.00	40.14 0.44 0.00	39.20 0.50 0.00	41.36 0.65 0.00	42.61 0.92 0.00	48.30 1.36 0.00	48.40 1.59 0.00	48.18 1.67 0.00	44.36 1.50 0.00	39.84 1.27 0.00	37.69 0.96 0.00	34.90 1.05 0.00
NCHELSEA_115KV_TR2 355582	32.94 1.81 0.00	30.06 1.62 0.00	27.95 1.53 0.00	27.51 1.53 0.00	28.03 1.51 0.00	31.97 1.67 0.00	39.16 2.08 0.00	40.82 2.13 0.00	42.35 2.02 0.00	42.30 1.86 0.00	42.12 1.97 0.00	42.16 2.01 0.00	40.25 1.99 0.00	41.73 2.03 0.00	40.82 2.13 0.00	42.91 2.20 0.00	44.40 2.71 0.00	50.03 3.10 0.00	49.90 3.09 0.00	49.48 2.98 0.00	45.60 2.74 0.00	40.81 2.24 0.00	38.50 1.76 0.00	35.61 1.76 0.00
NEG CAPITAL___MECHNVIL 23645	33.57 1.84 -0.60	31.06 1.74 -0.88	27.95 1.53 0.00	27.49 1.51 0.00	28.06 1.54 0.00	32.00 1.70 0.00	39.30 2.22 0.00	40.78 2.09 0.00	42.43 2.10 0.00	42.66 2.22 0.00	42.36 2.21 0.00	42.32 2.17 0.00	40.18 1.91 0.00	41.69 1.98 0.00	40.55 1.86 0.00	42.75 2.03 0.00	43.94 2.25 0.00	49.71 2.77 0.00	49.61 2.81 0.00	49.35 2.84 0.00	45.47 2.61 0.00	40.85 2.28 0.00	38.65 1.91 0.00	35.57 1.73 0.00



NEG CENTRAL_HIGH_ACRES 23767	30.17 -0.97 0.00	27.62 -0.83 0.00	25.83 -0.58 0.00	25.43 -0.55 0.00	26.01 -0.50 0.00	29.88 -0.42 0.00	36.41 -0.67 0.00	38.11 -0.58 0.00	39.53 -0.81 0.00	39.83 -0.61 0.00	39.63 -0.52 0.00	39.51 -0.64 0.00	37.81 -0.46 0.00	38.95 -0.76 0.00	37.96 -0.74 0.00	39.90 -0.81 0.00	41.36 -0.34 0.00	46.09 -0.84 0.00	46.25 -0.56 0.00	45.86 -0.65 0.00	41.74 -1.11 0.00	37.22 -1.35 0.00	36.37 -0.37 0.00	33.37 -0.47 0.00
NEG CENTRAL___DRP 24199	31.23 0.09 0.00	28.53 0.09 0.00	26.63 0.21 0.00	26.16 0.18 0.00	26.78 0.27 0.00	30.76 0.45 0.00	37.49 0.41 0.00	39.39 0.70 0.00	40.78 0.44 0.00	41.04 0.61 0.00	40.76 0.60 0.00	40.68 0.52 0.00	38.80 0.54 0.00	40.18 0.48 0.00	39.12 0.43 0.00	41.16 0.45 0.00	41.99 0.29 0.00	47.74 0.80 0.00	47.84 1.03 0.00	47.39 0.88 0.00	43.33 0.47 0.00	38.69 0.12 0.00	37.33 0.59 0.00	34.32 0.47 0.00
NEG CENTRAL___INDECK 23768	31.54 0.40 0.00	28.87 0.43 0.00	27.08 0.66 0.00	26.68 0.70 0.00	27.29 0.77 0.00	31.42 1.12 0.00	38.41 1.33 0.00	39.08 0.39 0.00	40.26 -0.08 0.00	40.28 -0.16 0.00	39.92 -0.24 0.00	39.79 -0.36 0.00	38.00 -0.27 0.00	39.15 -0.56 0.00	38.12 -0.58 0.00	40.22 -0.49 0.00	41.99 0.29 0.00	46.98 0.05 0.00	47.41 0.61 0.00	47.16 0.65 0.00	42.82 -0.04 0.00	38.07 -0.50 0.00	37.29 0.55 0.00	35.20 1.36 0.00
NEG CENTRAL___SENECA 23627	31.26 0.12 0.00	28.61 0.17 0.00	26.76 0.34 0.00	26.29 0.31 0.00	26.94 0.42 0.00	30.94 0.64 0.00	37.64 0.56 0.00	39.66 0.97 0.00	40.98 0.65 0.00	41.29 0.85 0.00	41.00 0.84 0.00	40.88 0.72 0.00	39.03 0.77 0.00	40.38 0.68 0.00	39.28 0.58 0.00	41.36 0.65 0.00	42.15 0.46 0.00	48.02 1.08 0.00	48.26 1.45 0.00	47.76 1.26 0.00	43.50 0.64 0.00	38.76 0.19 0.00	37.55 0.81 0.00	34.59 0.74 0.00
NEG CENTRAL___STATE_STREET 24147	31.26 0.12 0.00	28.56 0.11 0.00	26.60 0.18 0.00	26.14 0.16 0.00	26.71 0.19 0.00	30.61 0.30 0.00	37.41 0.33 0.00	39.23 0.54 0.00	40.74 0.40 0.00	40.96 0.53 0.00	40.64 0.48 0.00	40.60 0.44 0.00	38.68 0.42 0.00	40.10 0.40 0.00	39.04 0.35 0.00	41.08 0.37 0.00	41.94 0.25 0.00	47.50 0.56 0.00	47.60 0.80 0.00	47.21 0.70 0.00	43.29 0.43 0.00	38.76 0.19 0.00	37.22 0.48 0.00	34.15 0.30 0.00
NEG MILLWOOD___DRP 24198	33.15 1.96 -0.05	30.28 1.76 -0.07	28.10 1.69 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.21 2.52 0.00	42.72 2.38 0.00	42.62 2.18 0.00	42.53 2.37 0.00	42.61 2.45 0.00	40.64 2.37 0.00	42.75 2.66 -0.38	41.63 2.71 -0.23	44.12 2.85 -0.56	47.01 3.34 -1.98	53.47 3.80 -2.73	52.38 3.74 -1.83	51.61 3.63 -1.48	47.55 3.39 -1.30	41.59 2.82 -0.21	38.87 2.13 0.00	35.85 2.00 0.00
NEG NORTH_FLCN_SEA 23793	4.56 -2.21 24.37	6.14 -2.05 20.25	7.25 -1.95 17.21	7.20 -1.92 16.86	7.21 -2.07 17.25	8.42 -2.18 19.71	22.69 -2.52 11.87	35.78 -2.90 0.01	37.83 -2.50 0.00	38.05 -2.39 0.00	37.95 -2.21 0.00	38.27 -1.89 0.00	36.62 -1.65 0.00	37.84 -1.87 0.00	36.84 -1.86 0.00	38.88 -1.83 0.00	40.15 -1.54 0.00	44.45 -2.49 0.00	44.56 -2.25 0.00	44.37 -2.14 0.00	41.53 -1.33 0.00	37.57 -1.00 0.00	35.67 -1.07 0.00	33.00 -0.85 0.00
NEG NORTH_KES_CHATEGAY 23792	4.81 -1.96 24.37	6.37 -1.82 20.25	7.46 -1.74 17.21	7.41 -1.71 16.86	7.42 -1.86 17.25	8.69 -1.91 19.71	23.02 -2.19 11.87	36.17 -2.52 0.01	38.28 -2.06 0.00	38.46 -1.98 0.00	38.35 -1.81 0.00	38.67 -1.49 0.00	36.96 -1.30 0.00	38.20 -1.51 0.00	37.23 -1.47 0.00	39.29 -1.42 0.00	40.65 -1.04 0.00	45.15 -1.78 0.00	45.21 -1.59 0.00	45.07 -1.44 0.00	42.05 -0.81 0.00	37.99 -0.58 0.00	36.04 -0.70 0.00	33.34 -0.51 0.00
NEG NORTH___ALICE_FALLS 23915	4.78 -1.99 24.37	6.37 -1.82 20.25	7.43 -1.77 17.21	7.41 -1.71 16.86	7.39 -1.88 17.25	8.69 -1.91 19.71	22.98 -2.22 11.87	36.13 -2.55 0.01	38.24 -2.10 0.00	38.46 -1.98 0.00	38.35 -1.81 0.00	38.63 -1.53 0.00	36.96 -1.30 0.00	38.20 -1.51 0.00	37.19 -1.51 0.00	39.29 -1.42 0.00	40.61 -1.08 0.00	45.11 -1.83 0.00	45.17 -1.64 0.00	45.02 -1.49 0.00	42.00 -0.86 0.00	37.95 -0.62 0.00	36.04 -0.70 0.00	33.31 -0.54 0.00
NEG NORTH___LWR_SARANAC 23913	4.78 -1.99 24.37	6.37 -1.82 20.25	7.43 -1.77 17.21	7.41 -1.71 16.86	7.39 -1.88 17.25	8.69 -1.91 19.71	22.98 -2.22 11.87	36.13 -2.55 0.01	38.24 -2.10 0.00	38.46 -1.98 0.00	38.35 -1.81 0.00	38.63 -1.53 0.00	36.96 -1.30 0.00	38.20 -1.51 0.00	37.19 -1.51 0.00	39.29 -1.42 0.00	40.61 -1.08 0.00	45.11 -1.83 0.00	45.17 -1.64 0.00	45.02 -1.49 0.00	42.00 -0.86 0.00	37.95 -0.62 0.00	36.04 -0.70 0.00	33.31 -0.54 0.00
NEG NORTH___PLATTSBURG 23628	4.78 -1.99 24.37	6.37 -1.82 20.25	7.43 -1.77 17.21	7.38 -1.74 16.86	7.39 -1.88 17.25	8.69 -1.91 19.71	22.98 -2.22 11.87	36.13 -2.55 0.01	38.24 -2.10 0.00	38.46 -1.98 0.00	38.35 -1.81 0.00	38.63 -1.53 0.00	36.96 -1.30 0.00	38.20 -1.51 0.00	37.19 -1.51 0.00	39.29 -1.43 0.00	40.40 -1.29 0.00	45.11 -1.83 0.00	45.17 -1.64 0.00	45.02 -1.49 0.00	42.00 -0.86 0.00	37.95 -0.62 0.00	36.04 -0.70 0.00	33.31 -0.54 0.00
NEG WEST_LEA_LOCKPORT 23791	30.08 -1.06 0.00	27.59 -0.85 0.00	26.02 -0.40 0.00	25.38 -0.60 0.00	26.15 -0.37 0.00	30.09 -0.21 0.00	36.30 -0.78 0.00	37.96 -0.74 0.00	39.17 -1.17 0.00	39.35 -1.09 0.00	39.39 -0.76 0.00	39.31 -0.84 0.00	37.73 -0.54 0.00	38.75 -0.95 0.00	37.61 -1.08 0.00	39.77 -0.94 0.00	39.98 -1.71 0.00	45.86 -1.08 0.00	46.20 -0.61 0.00	45.53 -0.98 0.00	41.02 -1.84 0.00	36.45 -2.12 0.00	36.33 -0.40 0.00	33.61 -0.24 0.00
NEG WEST___LANCASTR 23811	30.67 -0.47 0.00	28.19 -0.26 0.00	26.65 0.24 0.00	26.06 0.08 0.00	26.81 0.29 0.00	30.82 0.52 0.00	37.23 0.15 0.00	39.35 0.66 0.00	40.58 0.24 0.00	40.72 0.28 0.00	40.76 0.60 0.00	40.72 0.56 0.00	39.03 0.77 0.00	40.30 0.60 0.00	39.12 0.43 0.00	41.36 0.65 0.00	41.86 0.17 0.00	47.88 0.94 0.00	48.21 1.40 0.00	47.58 1.07 0.00	42.82 -0.04 0.00	37.95 -0.62 0.00	37.47 0.73 0.00	34.56 0.71 0.00
NEG_PENN_ALLEGHNY 23528	31.51 0.37 0.00	28.84 0.40 0.00	26.92 0.50 0.00	26.47 0.49 0.00	27.05 0.53 0.00	30.97 0.67 0.00	37.82 0.74 0.00	39.74 1.05 0.00	41.22 0.89 0.00	41.37 0.93 0.00	41.08 0.92 0.00	41.12 0.96 0.00	39.18 0.92 0.00	40.62 0.91 0.00	39.59 0.89 0.00	41.65 0.94 0.00	42.94 1.25 0.00	48.25 1.31 0.00	48.26 1.45 0.00	47.90 1.39 0.00	43.89 1.03 0.00	39.23 0.66 0.00	37.66 0.92 0.00	34.56 0.71 0.00
NEG___GEN_MONROE 24207	30.73 -0.40 0.00	28.16 -0.28 0.00	26.39 -0.03 0.00	25.85 -0.13 0.00	26.55 0.03 0.00	30.58 0.27 0.00	37.01 -0.07 0.00	38.69 0.00 0.00	40.09 -0.24 0.00	40.36 -0.08 0.00	40.20 0.04 0.00	40.00 -0.16 0.00	38.38 0.11 0.00	39.47 -0.24 0.00	38.35 -0.35 0.00	40.39 -0.33 0.00	40.86 -0.83 0.00	46.70 -0.23 0.00	46.95 0.14 0.00	46.37 -0.14 0.00	42.09 -0.77 0.00	37.49 -1.08 0.00	37.00 0.26 0.00	34.09 0.24 0.00

NEPA__ENERGY 23901	30.61 -0.53 0.00	28.16 -0.28 0.00	26.65 0.24 0.00	26.06 0.08 0.00	26.84 0.32 0.00	30.85 0.55 0.00	37.23 0.15 0.00	39.43 0.74 0.00	40.66 0.32 0.00	40.80 0.36 0.00	40.84 0.68 0.00	40.84 0.68 0.00	39.10 0.84 0.00	40.38 0.68 0.00	39.20 0.50 0.00	41.44 0.73 0.00	41.99 0.29 0.00	48.02 1.08 0.00	48.35 1.54 0.00	47.72 1.21 0.00	42.99 0.13 0.00	38.11 -0.46 0.00	37.51 0.77 0.00	34.53 0.68 0.00
NEVERSink__HYD 23608	32.77 1.68 0.04	29.91 1.53 0.07	27.81 1.40 0.00	27.38 1.40 0.00	27.95 1.43 0.00	31.88 1.57 0.00	39.04 1.96 0.00	40.74 2.05 0.00	42.23 1.90 0.00	42.18 1.74 0.00	41.92 1.76 0.00	41.97 1.81 0.00	40.06 1.80 0.00	41.13 1.79 0.37	40.33 1.86 0.22	42.14 1.95 0.53	42.27 2.46 1.88	47.21 2.86 2.59	47.98 2.90 1.73	47.85 2.74 1.40	44.11 2.48 1.23	40.34 1.97 0.20	38.35 1.61 0.00	35.47 1.62 0.00
NEWKRMKL_115KV_TB1 55635	31.52 0.72 0.33	28.63 0.68 0.49	26.97 0.55 0.00	26.53 0.55 0.00	27.08 0.56 0.00	30.88 0.58 0.00	37.82 0.74 0.00	39.27 0.58 0.00	40.82 0.48 0.00	40.92 0.49 0.00	40.68 0.52 0.00	40.64 0.48 0.00	38.65 0.38 0.00	40.14 0.44 0.00	39.16 0.46 0.00	41.20 0.49 0.00	42.36 0.67 0.00	47.78 0.84 0.00	47.65 0.84 0.00	47.39 0.88 0.00	43.72 0.86 0.00	39.30 0.73 0.00	37.18 0.44 0.00	34.32 0.47 0.00
NEWTON__FALLS_HYD 23847	17.66 -0.44 13.04	17.18 -0.43 10.84	16.78 -0.42 9.21	16.54 -0.42 9.02	16.92 -0.37 9.23	19.39 -0.36 10.55	30.54 -0.19 6.35	38.57 -0.12 0.00	40.62 0.28 0.00	40.72 0.28 0.00	40.24 0.08 0.00	40.04 -0.12 0.00	38.00 -0.27 0.00	39.31 -0.40 0.00	38.08 -0.62 0.00	40.06 -0.65 0.00	40.94 -0.75 0.00	46.19 -0.75 0.00	46.34 -0.47 0.00	46.23 -0.28 0.00	42.69 -0.17 0.00	38.61 0.04 0.00	37.00 0.26 0.00	34.05 0.20 0.00
NGRID_A1_DSASP 323792	29.77 -1.37 0.00	27.30 -1.14 0.00	25.76 -0.66 0.00	25.33 -0.65 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.78 -1.30 0.00	37.22 -1.47 0.00	38.48 -1.85 0.00	38.58 -1.86 0.00	38.59 -1.57 0.00	38.63 -1.53 0.00	37.04 -1.23 0.00	38.00 -1.71 0.00	36.96 -1.74 0.00	39.00 -1.71 0.00	40.69 -1.00 0.00	44.92 -2.02 0.00	45.21 -1.59 0.00	44.79 -1.72 0.00	40.50 -2.36 0.00	35.95 -2.62 0.00	35.82 -0.92 0.00	33.04 -0.81 0.00
NGRID_A2_DSASP 323793	29.77 -1.37 0.00	27.30 -1.14 0.00	25.76 -0.66 0.00	25.33 -0.65 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.78 -1.30 0.00	37.22 -1.47 0.00	38.48 -1.85 0.00	38.58 -1.86 0.00	38.59 -1.57 0.00	38.63 -1.53 0.00	37.04 -1.23 0.00	38.00 -1.71 0.00	36.96 -1.74 0.00	39.00 -1.71 0.00	40.69 -1.00 0.00	44.92 -2.02 0.00	45.21 -1.59 0.00	44.79 -1.72 0.00	40.50 -2.36 0.00	35.95 -2.62 0.00	35.82 -0.92 0.00	33.04 -0.81 0.00
NGRID_A4_DSASP 323807	29.77 -1.37 0.00	27.30 -1.14 0.00	25.76 -0.66 0.00	25.33 -0.65 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.78 -1.30 0.00	37.22 -1.47 0.00	38.48 -1.85 0.00	38.58 -1.86 0.00	38.59 -1.57 0.00	38.63 -1.53 0.00	37.04 -1.23 0.00	38.00 -1.71 0.00	36.96 -1.74 0.00	39.00 -1.71 0.00	40.69 -1.00 0.00	44.92 -2.02 0.00	45.21 -1.59 0.00	44.79 -1.72 0.00	40.50 -2.36 0.00	35.95 -2.62 0.00	35.82 -0.92 0.00	33.04 -0.81 0.00
NIAGARA_115E_LBMP 323715	29.58 -1.56 0.00	27.13 -1.31 0.00	25.60 -0.82 0.00	25.18 -0.81 0.00	25.70 -0.82 0.00	29.55 -0.76 0.00	35.71 -1.37 0.00	37.18 -1.51 0.00	38.44 -1.90 0.00	38.54 -1.90 0.00	38.55 -1.61 0.00	38.59 -1.57 0.00	36.96 -1.30 0.00	37.96 -1.75 0.00	36.92 -1.78 0.00	38.96 -1.75 0.00	40.65 -1.04 0.00	44.87 -2.06 0.00	45.21 -1.59 0.00	44.79 -1.72 0.00	40.46 -2.40 0.00	35.91 -2.66 0.00	35.75 -0.99 0.00	32.97 -0.88 0.00
NIAGARA_115W_LBMP 323714	29.71 -1.43 0.00	27.25 -1.19 0.00	25.70 -0.71 0.00	25.28 -0.70 0.00	25.80 -0.71 0.00	29.66 -0.64 0.00	35.67 -1.41 0.00	37.10 -1.59 0.00	38.40 -1.94 0.00	38.50 -1.94 0.00	38.51 -1.65 0.00	38.55 -1.61 0.00	36.92 -1.34 0.00	37.88 -1.83 0.00	36.88 -1.82 0.00	38.92 -1.79 0.00	40.61 -1.08 0.00	44.83 -2.11 0.00	45.12 -1.68 0.00	44.69 -1.81 0.00	40.42 -2.44 0.00	35.87 -2.70 0.00	35.71 -1.03 0.00	32.97 -0.88 0.00
NIAGARA_230_LBMP 323716	29.86 -1.28 0.00	27.42 -1.02 0.00	25.83 -0.58 0.00	25.41 -0.57 0.00	25.94 -0.58 0.00	29.82 -0.49 0.00	36.00 -1.08 0.00	37.45 -1.24 0.00	38.76 -1.57 0.00	38.86 -1.58 0.00	38.87 -1.29 0.00	38.87 -1.29 0.00	37.27 -1.00 0.00	38.24 -1.47 0.00	37.19 -1.51 0.00	39.29 -1.43 0.00	40.98 -0.71 0.00	45.25 -1.69 0.00	45.54 -1.26 0.00	45.11 -1.39 0.00	40.80 -2.06 0.00	36.26 -2.31 0.00	36.04 -0.70 0.00	33.24 -0.61 0.00
NIAGARA__115KV_198_GIBSON 55903	29.70 -1.43 0.00	27.25 -1.19 0.00	25.67 -0.74 0.00	25.07 -0.91 0.00	25.80 -0.72 0.00	29.67 -0.64 0.00	35.60 -1.48 0.00	37.11 -1.59 0.00	38.28 -2.06 0.00	38.46 -1.98 0.00	38.51 -1.65 0.00	38.47 -1.69 0.00	36.92 -1.34 0.00	37.88 -1.83 0.00	36.76 -1.93 0.00	38.92 -1.79 0.00	39.07 -2.63 0.00	44.82 -2.11 0.00	45.12 -1.69 0.00	44.46 -2.05 0.00	40.12 -2.74 0.00	35.64 -2.93 0.00	35.56 -1.18 0.00	32.97 -0.88 0.00
NIAGARA____ 23760	29.86 -1.28 0.00	27.42 -1.02 0.00	25.83 -0.58 0.00	25.41 -0.57 0.00	25.94 -0.58 0.00	29.82 -0.49 0.00	36.00 -1.08 0.00	37.45 -1.24 0.00	38.76 -1.57 0.00	38.86 -1.58 0.00	38.87 -1.29 0.00	38.87 -1.29 0.00	37.27 -1.00 0.00	38.24 -1.47 0.00	37.19 -1.51 0.00	39.29 -1.43 0.00	40.98 -0.71 0.00	45.25 -1.69 0.00	45.54 -1.26 0.00	45.11 -1.39 0.00	40.80 -2.06 0.00	36.26 -2.31 0.00	36.04 -0.70 0.00	33.24 -0.61 0.00
NINE_MILE_1 23575	30.61 -0.53 0.00	27.96 -0.48 0.00	25.99 -0.42 0.00	25.56 -0.42 0.00	26.09 -0.43 0.00	29.85 -0.45 0.00	36.53 -0.56 0.00	38.15 -0.54 0.00	39.73 -0.60 0.00	39.83 -0.61 0.00	39.56 -0.60 0.00	39.56 -0.60 0.00	37.69 -0.57 0.00	39.07 -0.64 0.00	38.08 -0.62 0.00	40.02 -0.69 0.00	41.11 -0.58 0.00	46.18 -0.75 0.00	46.11 -0.70 0.00	45.81 -0.70 0.00	42.17 -0.69 0.00	37.88 -0.69 0.00	36.22 -0.51 0.00	33.27 -0.58 0.00
NINE_MILE_2 23744	30.61 -0.53 0.00	27.96 -0.48 0.00	25.99 -0.42 0.00	25.56 -0.42 0.00	26.09 -0.43 0.00	29.88 -0.42 0.00	36.53 -0.56 0.00	38.15 -0.54 0.00	39.73 -0.60 0.00	39.87 -0.57 0.00	39.56 -0.60 0.00	39.56 -0.60 0.00	37.69 -0.57 0.00	39.07 -0.64 0.00	38.08 -0.62 0.00	40.02 -0.69 0.00	41.11 -0.58 0.00	46.18 -0.75 0.00	46.11 -0.70 0.00	45.81 -0.70 0.00	42.17 -0.69 0.00	37.88 -0.69 0.00	36.26 -0.48 0.00	33.31 -0.54 0.00
NM_CAPITAL__DRP 24208	32.08 0.81 -0.13	29.41 0.77 -0.20	27.05 0.63 0.00	26.60 0.62 0.00	27.16 0.64 0.00	30.97 0.67 0.00	37.93 0.85 0.00	39.39 0.70 0.00	40.90 0.56 0.00	41.00 0.57 0.00	40.72 0.56 0.00	40.72 0.56 0.00	38.72 0.46 0.00	40.22 0.52 0.00	39.20 0.50 0.00	41.28 0.57 0.00	42.44 0.75 0.00	47.88 0.94 0.00	47.74 0.94 0.00	47.49 0.98 0.00	43.80 0.94 0.00	39.38 0.81 0.00	37.25 0.51 0.00	34.39 0.54 0.00

NM_CENTRAL___DRP 24181	31.20 0.06 0.00	28.50 0.06 0.00	26.49 0.08 0.00	26.06 0.08 0.00	26.63 0.11 0.00	30.45 0.15 0.00	37.30 0.22 0.00	38.96 0.27 0.00	40.50 0.16 0.00	40.72 0.28 0.00	40.40 0.24 0.00	40.40 0.24 0.00	38.45 0.19 0.00	39.91 0.20 0.00	38.89 0.19 0.00	40.87 0.16 0.00	41.78 0.08 0.00	47.17 0.23 0.00	47.13 0.33 0.00	46.79 0.28 0.00	43.03 0.17 0.00	38.61 0.04 0.00	37.00 0.26 0.00	33.95 0.10 0.00
NM_FRONTIER___DRP 24179	29.70 -1.43 0.00	27.25 -1.19 0.00	25.67 -0.74 0.00	25.07 -0.91 0.00	25.80 -0.72 0.00	29.67 -0.64 0.00	35.60 -1.48 0.00	37.11 -1.59 0.00	38.28 -2.06 0.00	38.46 -1.98 0.00	38.51 -1.65 0.00	38.47 -1.69 0.00	36.92 -1.34 0.00	37.88 -1.83 0.00	36.76 -1.93 0.00	38.92 -1.79 0.00	39.07 -2.63 0.00	44.82 -2.11 0.00	45.12 -1.69 0.00	44.46 -2.05 0.00	40.12 -2.74 0.00	35.64 -2.93 0.00	35.56 -1.18 0.00	32.97 -0.88 0.00
NM_ST_REGIS___HYD 24053	9.72 -1.18 20.24	10.55 -1.08 16.82	11.09 -1.03 14.29	10.97 -1.01 14.00	11.14 -1.06 14.32	12.79 -1.15 16.36	25.96 -1.26 9.86	37.33 -1.35 0.01	39.41 -0.93 0.00	39.55 -0.89 0.00	39.19 -0.96 0.00	39.03 -1.12 0.00	37.19 -1.07 0.00	38.40 -1.31 0.00	37.19 -1.51 0.00	39.12 -1.59 0.00	40.03 -1.67 0.00	44.92 -2.02 0.00	45.12 -1.69 0.00	44.97 -1.53 0.00	41.70 -1.16 0.00	37.76 -0.81 0.00	36.15 -0.59 0.00	33.48 -0.37 0.00
NORTHPORT___1 23551	37.30 1.93 -4.23	33.00 1.79 -2.77	31.98 1.64 -3.93	31.29 1.59 -3.72	32.22 1.62 -4.08	36.14 1.82 -4.02	39.23 2.15 0.00	40.70 2.01 0.00	41.71 1.37 0.00	41.53 1.09 0.00	41.71 1.56 0.01	42.12 1.97 0.00	40.10 1.84 0.00	42.88 2.06 -1.11	41.57 2.20 -0.67	44.58 2.24 -1.63	50.05 2.59 -5.77	58.04 3.15 -7.96	55.16 3.04 -5.32	53.69 2.88 -4.30	49.31 2.66 -3.79	42.12 2.35 -1.19	37.99 1.25 0.00	36.14 1.79 -0.50
NORTHPORT___2 23552	37.30 1.93 -4.23	33.00 1.79 -2.77	31.98 1.64 -3.93	31.29 1.59 -3.72	32.22 1.62 -4.08	36.14 1.82 -4.02	39.23 2.15 0.00	40.70 2.01 0.00	41.71 1.37 0.00	41.53 1.09 0.00	41.71 1.56 0.01	42.12 1.97 0.00	40.10 1.84 0.00	42.88 2.06 -1.11	41.57 2.20 -0.67	44.58 2.24 -1.63	50.05 2.59 -5.77	58.04 3.15 -7.96	55.16 3.04 -5.32	53.69 2.88 -4.30	49.31 2.66 -3.79	42.12 2.35 -1.19	37.99 1.25 0.00	36.14 1.79 -0.50
NORTHPORT___3 23553	37.92 2.55 -4.23	33.51 2.30 -2.77	32.53 2.19 -3.93	31.84 2.13 -3.72	32.78 2.18 -4.08	36.77 2.45 -4.02	39.79 2.71 0.00	41.13 2.44 0.00	42.35 2.02 0.00	42.30 1.86 0.00	42.44 2.29 0.00	42.81 2.65 -0.01	40.79 2.52 0.00	43.57 2.74 -1.12	42.19 2.82 -0.67	45.19 2.85 -1.63	50.81 3.34 -5.78	58.84 3.94 -7.96	55.97 3.84 -5.32	54.49 3.67 -4.31	49.95 3.30 -3.79	42.66 2.89 -1.19	38.68 1.95 0.00	36.82 2.47 -0.50
NORTHPORT___4 23650	37.92 2.55 -4.23	33.51 2.30 -2.77	32.53 2.19 -3.93	31.84 2.13 -3.72	32.78 2.18 -4.08	36.77 2.45 -4.02	39.79 2.71 0.00	41.13 2.44 0.00	42.35 2.02 0.00	42.30 1.86 0.00	42.44 2.29 0.00	42.81 2.65 -0.01	40.79 2.52 0.00	43.57 2.74 -1.12	42.19 2.82 -0.67	45.19 2.85 -1.63	50.81 3.34 -5.78	58.84 3.94 -7.96	55.97 3.84 -5.32	54.49 3.67 -4.31	49.95 3.30 -3.79	42.66 2.89 -1.19	38.68 1.95 0.00	36.82 2.47 -0.50
NORTHPORT___IC 23718	37.29 1.93 -4.22	32.99 1.79 -2.76	31.97 1.64 -3.92	31.31 1.61 -3.72	32.21 1.62 -4.07	36.13 1.82 -4.01	39.23 2.15 0.00	40.74 2.05 0.00	41.69 1.65 0.00	41.71 1.25 0.00	41.71 1.57 0.01	42.16 2.01 0.01	40.21 1.95 0.00	42.89 2.06 -1.11	41.57 2.21 -0.67	44.58 2.24 -1.63	50.05 2.58 -5.77	57.90 3.00 -7.96	55.02 2.90 -5.32	53.55 2.74 -4.30	49.44 2.79 -3.79	42.15 2.39 -1.18	38.13 1.40 0.00	36.13 1.79 -0.49
NORTH___COUNTRY_ESR 323785	5.36 -1.93 23.85	6.80 -1.82 19.82	7.83 -1.74 16.84	7.77 -1.72 16.50	7.81 -1.83 16.88	9.05 -1.97 19.28	23.13 -2.33 11.62	36.13 -2.55 0.01	38.12 -2.22 0.00	38.29 -2.14 0.00	38.11 -2.05 0.00	38.31 -1.85 0.00	36.62 -1.64 0.00	37.88 -1.83 0.00	36.88 -1.82 0.00	38.88 -1.83 0.00	39.73 -1.96 0.00	44.59 -2.35 0.00	44.80 -2.01 0.00	44.56 -1.95 0.00	41.36 -1.50 0.00	37.38 -1.20 0.00	35.56 -1.18 0.00	32.90 -0.95 0.00
NPX_GEN_1385_PROXY 323591	36.83 1.46 -4.23	32.80 1.59 -2.77	31.37 1.03 -3.93	30.77 1.07 -3.72	31.74 1.14 -4.08	35.50 1.18 -4.02	39.12 2.04 0.00	40.55 1.86 0.00	40.90 0.56 0.00	40.36 -0.08 0.00	40.05 0.36 0.47	39.42 0.76 1.50	38.95 0.69 0.00	39.90 0.87 0.68	40.64 1.28 -0.67	43.68 1.34 -1.63	46.54 1.29 -3.55	50.95 1.74 -2.28	50.50 1.64 -2.06	50.80 1.49 -2.80	48.58 1.93 -3.79	41.42 1.66 -1.19	36.96 0.22 0.00	34.44 0.78 0.19
NPX_GEN_CSC 323557	36.61 1.25 -4.23	32.32 1.11 -2.77	31.56 1.22 -3.93	30.77 1.07 -3.72	31.74 1.14 -4.08	35.59 1.27 -4.02	38.64 1.56 0.00	40.12 1.43 0.00	41.14 0.81 0.00	41.00 0.57 0.00	41.36 1.20 0.00	41.85 1.69 -0.01	39.80 1.53 0.00	42.62 1.79 -1.12	41.34 1.97 -0.67	44.21 1.87 -1.63	49.77 2.29 -5.78	57.81 2.91 -7.96	54.94 2.81 -5.32	53.42 2.60 -4.31	48.92 2.27 -3.79	41.88 2.12 -1.19	37.32 0.59 0.00	35.40 1.05 -0.50
NSINS_S___GLNS_FALLS 23858	33.82 2.21 -0.48	31.25 2.10 -0.70	28.32 1.90 0.00	27.83 1.84 0.00	28.40 1.88 0.00	32.36 2.06 0.00	39.90 2.82 0.00	41.32 2.63 0.00	43.20 2.86 0.00	43.47 3.03 0.00	43.21 3.05 0.00	43.13 2.97 0.00	40.90 2.64 0.00	42.41 2.70 0.00	41.29 2.59 0.00	43.40 2.69 0.00	44.57 2.88 0.00	50.55 3.61 0.00	50.50 3.70 0.00	50.28 3.77 0.00	46.25 3.39 0.00	41.50 2.93 0.00	39.20 2.46 0.00	36.01 2.17 0.00
NUCOR_STEEL___DRP 24197	31.32 0.19 0.00	28.61 0.17 0.00	26.65 0.24 0.00	26.19 0.21 0.00	26.76 0.24 0.00	30.67 0.36 0.00	37.45 0.37 0.00	39.23 0.54 0.00	40.74 0.40 0.00	41.00 0.57 0.00	40.64 0.48 0.00	40.64 0.48 0.00	38.72 0.46 0.00	40.10 0.40 0.00	39.08 0.39 0.00	41.08 0.37 0.00	41.94 0.25 0.00	47.50 0.56 0.00	47.56 0.75 0.00	47.21 0.70 0.00	43.33 0.47 0.00	38.80 0.23 0.00	37.29 0.55 0.00	34.19 0.34 0.00
NUMBER_THREE_WT_PWR 323818	26.09 0.06 5.11	24.20 0.00 4.25	22.78 -0.03 3.61	22.45 0.00 3.54	23.01 0.11 3.62	26.38 0.21 4.13	35.22 0.63 2.49	39.54 0.85 0.00	41.59 1.25 0.00	41.73 1.29 0.00	41.20 1.04 0.00	41.04 0.88 0.00	38.87 0.61 0.00	40.34 0.63 0.00	39.12 0.43 0.00	41.16 0.45 0.00	42.15 0.46 0.00	47.69 0.75 0.00	47.79 0.98 0.00	47.62 1.11 0.00	43.85 0.99 0.00	39.54 0.96 0.00	37.80 1.07 0.00	34.59 0.74 0.00
NYISO_LBMP_REFERENCE 24008	31.14 0.00 0.00	28.44 0.00 0.00	26.41 0.00 0.00	25.98 0.00 0.00	26.52 0.00 0.00	30.30 0.00 0.00	37.08 0.00 0.00	38.69 0.00 0.00	40.34 0.00 0.00	40.44 0.00 0.00	40.16 0.00 0.00	40.16 0.00 0.00	38.26 0.00 0.00	39.71 0.00 0.00	38.70 0.00 0.00	40.71 0.00 0.00	41.69 0.00 0.00	46.94 0.00 0.00	46.81 0.00 0.00	46.51 0.00 0.00	42.86 0.00 0.00	38.57 0.00 0.00	36.74 0.00 0.00	33.85 0.00 0.00

NYPA_BRENTWD____GT 24164	37.70 2.34 -4.23	33.34 2.13 -2.77	32.37 2.03 -3.93	31.65 1.95 -3.72	32.59 1.99 -4.08	36.56 2.24 -4.02	39.79 2.71 0.00	41.36 2.67 0.00	42.47 2.14 0.00	42.34 1.90 0.00	42.61 2.45 0.00	43.06 2.89 -0.01	41.02 2.76 0.00	43.81 2.98 -1.12	42.46 3.10 -0.67	45.47 3.14 -1.63	51.06 3.59 -5.78	59.22 4.32 -7.96	56.34 4.21 -5.32	54.86 4.04 -4.31	50.29 3.64 -3.79	43.00 3.24 -1.19	38.76 2.02 0.00	36.75 2.40 -0.50
NYPA_GOWANUS____GT5 24156	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.01 2.69 -1.61	50.80 3.38 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.27 3.49 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NYPA_GOWANUS____GT6 24157	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.94 1.95 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.71 2.63 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.68 2.41 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.01 2.69 -1.61	50.80 3.38 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.27 3.49 -4.27	49.74 3.13 -3.76	41.71 2.55 -0.60	39.17 2.42 -0.01	36.40 2.54 -0.01
NYPA_HARLEM__RVR__GT1 24160	33.51 2.30 -0.07	30.61 2.08 -0.09	28.43 2.01 -0.01	27.91 1.92 -0.01	28.49 1.96 -0.01	32.42 2.12 0.00	39.49 2.41 0.00	41.29 2.59 0.00	42.38 2.06 0.01	42.29 1.86 0.01	42.24 2.09 0.01	42.24 2.09 0.01	40.40 2.14 0.01	43.15 2.34 -1.10	41.75 2.40 -0.66	44.80 2.48 -1.60	50.54 3.13 -5.72	58.53 3.71 -7.88	55.49 3.42 -5.27	53.97 3.21 -4.26	49.48 2.87 -3.75	41.47 2.31 -0.59	38.87 2.13 0.00	36.36 2.50 -0.01
NYPA_HARLEM__RVR__GT2 24161	33.51 2.30 -0.07	30.61 2.08 -0.09	28.43 2.01 -0.01	27.91 1.92 -0.01	28.49 1.96 -0.01	32.42 2.12 0.00	39.49 2.41 0.00	41.29 2.59 0.00	42.38 2.06 0.01	42.29 1.86 0.01	42.24 2.09 0.01	42.24 2.09 0.01	40.40 2.14 0.01	43.15 2.34 -1.10	41.75 2.40 -0.66	44.80 2.48 -1.60	50.54 3.13 -5.72	58.53 3.71 -7.88	55.49 3.42 -5.27	53.97 3.21 -4.26	49.48 2.87 -3.75	41.47 2.31 -0.59	38.87 2.13 0.00	36.36 2.50 -0.01
NYPA_KENT____GT 24152	33.51 2.30 -0.07	30.59 2.05 -0.09	28.37 1.95 0.00	27.86 1.87 -0.01	28.43 1.91 0.00	32.43 2.12 0.00	39.64 2.56 0.00	41.40 2.71 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.44 2.29 0.00	42.48 2.33 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.99 2.63 -0.67	44.97 2.64 -1.61	50.71 3.29 -5.73	58.72 3.89 -7.89	55.73 3.65 -5.27	54.22 3.44 -4.27	49.70 3.09 -3.76	41.67 2.51 -0.60	39.06 2.32 0.00	36.29 2.44 0.00
NYPA_POUCH1____GT 24155	33.54 2.34 -0.07	30.64 2.10 -0.09	28.46 2.03 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.52 2.21 -0.01	39.60 2.52 0.00	41.16 2.48 0.01	42.38 2.06 0.01	42.25 1.82 0.01	42.24 2.09 0.01	42.28 2.13 0.01	40.44 2.18 0.01	43.19 2.38 -1.10	41.83 2.48 -0.66	44.80 2.48 -1.60	50.58 3.17 -5.72	58.53 3.71 -7.88	55.54 3.46 -5.27	54.02 3.25 -4.26	49.52 2.92 -3.75	41.51 2.35 -0.59	39.06 2.32 -0.01	36.36 2.50 -0.01
NYPA_VERNON____GT2 24162	33.42 2.21 -0.07	30.50 1.96 -0.09	28.29 1.88 0.00	27.81 1.82 -0.01	28.35 1.83 0.00	32.33 2.03 0.00	39.56 2.48 0.00	41.36 2.67 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.48 2.33 0.00	40.60 2.37 0.00	43.32 2.50 -1.11	41.95 2.59 -0.67	44.97 2.64 -1.61	50.71 3.29 -5.73	58.68 3.85 -7.89	55.69 3.60 -5.27	54.17 3.39 -4.27	49.66 3.04 -3.76	41.64 2.47 -0.60	38.94 2.20 0.00	36.18 2.33 0.00
NYPA_VERNON____GT3 24163	33.42 2.21 -0.07	30.50 1.96 -0.09	28.29 1.88 0.00	27.81 1.82 -0.01	28.35 1.83 0.00	32.33 2.03 0.00	39.56 2.48 0.00	41.36 2.67 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.48 2.33 0.00	40.60 2.37 0.00	43.32 2.50 -1.11	41.95 2.59 -0.67	44.97 2.64 -1.61	50.71 3.29 -5.73	58.68 3.85 -7.89	55.69 3.60 -5.27	54.17 3.39 -4.27	49.66 3.04 -3.76	41.64 2.47 -0.60	38.94 2.20 0.00	36.18 2.33 0.00
NYPA__ASTORIA_CC1 323568	33.38 2.18 -0.07	30.47 1.94 -0.09	28.26 1.85 0.00	27.78 1.79 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.32 2.63 0.00	42.55 2.22 0.00	42.46 2.02 0.00	42.36 2.21 0.00	42.36 2.21 0.00	40.52 2.26 0.00	43.24 2.42 -1.11	41.88 2.51 -0.67	44.89 2.57 -1.61	50.59 3.17 -5.73	58.53 3.71 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.87 2.13 0.00	36.15 2.30 0.00
NYPA__ASTORIA_CC2 323569	33.38 2.18 -0.07	30.47 1.94 -0.09	28.26 1.85 0.00	27.78 1.79 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.32 2.63 0.00	42.55 2.22 0.00	42.46 2.02 0.00	42.36 2.21 0.00	42.36 2.21 0.00	40.52 2.26 0.00	43.24 2.42 -1.11	41.88 2.51 -0.67	44.89 2.57 -1.61	50.59 3.17 -5.73	58.53 3.71 -7.89	55.54 3.46 -5.27	54.08 3.30 -4.27	49.57 2.96 -3.76	41.56 2.39 -0.60	38.87 2.13 0.00	36.15 2.30 0.00
NYPA__HOLTSVILL 23794	37.45 2.09 -4.23	33.11 1.91 -2.77	32.19 1.85 -3.93	31.45 1.74 -3.72	32.40 1.80 -4.08	36.35 2.03 -4.02	39.49 2.41 0.00	41.01 2.32 0.00	42.15 1.82 0.00	42.01 1.58 0.00	42.28 2.13 0.00	42.74 2.57 -0.01	40.68 2.41 0.00	43.49 2.66 -1.12	42.16 2.79 -0.67	45.15 2.81 -1.63	50.64 3.17 -5.78	58.75 3.85 -7.96	55.88 3.75 -5.32	54.40 3.58 -4.31	49.91 3.26 -3.79	42.69 2.93 -1.19	38.43 1.69 0.00	36.45 2.10 -0.50
NYPA__HELLGATE_GT1 24158	33.51 2.30 -0.07	30.61 2.08 -0.09	28.43 2.01 -0.01	27.91 1.92 -0.01	28.49 1.96 -0.01	32.42 2.12 0.00	39.49 2.41 0.00	41.29 2.59 0.00	42.38 2.06 0.01	42.29 1.86 0.01	42.24 2.09 0.01	42.24 2.09 0.01	40.40 2.14 0.01	43.15 2.34 -1.10	41.75 2.40 -0.66	44.80 2.48 -1.60	50.54 3.13 -5.72	58.53 3.71 -7.88	55.49 3.42 -5.27	53.97 3.21 -4.26	49.48 2.87 -3.75	41.47 2.31 -0.59	38.87 2.13 0.00	36.36 2.50 -0.01
NYPA__HELLGATE_GT2 24159	33.51 2.30 -0.07	30.61 2.08 -0.09	28.43 2.01 -0.01	27.91 1.92 -0.01	28.49 1.96 -0.01	32.42 2.12 0.00	39.49 2.41 0.00	41.29 2.59 0.00	42.38 2.06 0.01	42.29 1.86 0.01	42.24 2.09 0.01	42.24 2.09 0.01	40.40 2.14 0.01	43.15 2.34 -1.10	41.75 2.40 -0.66	44.80 2.48 -1.60	50.54 3.13 -5.72	58.53 3.71 -7.88	55.49 3.42 -5.27	53.97 3.21 -4.26	49.48 2.87 -3.75	41.47 2.31 -0.59	38.87 2.13 0.00	36.36 2.50 -0.01
NYS_BARGE__HYD 23848	30.05 -1.09 0.00	27.56 -0.88 0.00	26.02 -0.40 0.00	25.59 -0.39 0.00	26.12 -0.40 0.00	30.06 -0.24 0.00	36.37 -0.71 0.00	37.96 -0.74 0.00	39.29 -1.05 0.00	39.35 -1.09 0.00	39.39 -0.76 0.00	39.39 -0.76 0.00	37.73 -0.54 0.00	38.80 -0.91 0.00	37.73 -0.97 0.00	39.78 -0.93 0.00	41.53 -0.17 0.00	45.86 -1.08 0.00	46.20 -0.61 0.00	45.76 -0.75 0.00	41.32 -1.54 0.00	36.64 -1.93 0.00	36.48 -0.26 0.00	33.61 -0.24 0.00

OAK ORCHARD___HYD 24046	30.58 -0.56 0.00	28.02 -0.43 0.00	26.23 -0.18 0.00	25.83 -0.15 0.00	26.39 -0.13 0.00	30.36 0.06 0.00	36.93 -0.15 0.00	38.54 -0.15 0.00	39.97 -0.36 0.00	40.24 -0.20 0.00	40.08 -0.08 0.00	39.96 -0.20 0.00	38.26 0.00 0.00	39.39 -0.32 0.00	38.38 -0.31 0.00	40.34 -0.37 0.00	41.95 0.25 0.00	46.61 -0.33 0.00	46.81 0.00 0.00	46.42 -0.09 0.00	42.22 -0.64 0.00	37.61 -0.96 0.00	36.89 0.15 0.00	33.88 0.03 0.00
OAKDALE___35_KV_LOAD 356122	31.42 0.28 0.00	28.76 0.31 0.00	26.84 0.42 0.00	26.37 0.39 0.00	26.97 0.45 0.00	30.85 0.55 0.00	37.67 0.59 0.00	39.54 0.85 0.00	40.98 0.65 0.00	41.17 0.73 0.00	40.92 0.76 0.00	40.92 0.76 0.00	39.03 0.77 0.00	40.46 0.75 0.00	39.39 0.70 0.00	41.48 0.77 0.00	42.44 0.75 0.00	48.02 1.08 0.00	48.07 1.26 0.00	47.67 1.16 0.00	43.67 0.81 0.00	39.07 0.50 0.00	37.51 0.77 0.00	34.46 0.61 0.00
OCC_CHEM___DRP 24175	29.77 -1.37 0.00	27.30 -1.14 0.00	25.73 -0.69 0.00	25.10 -0.88 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.67 -1.41 0.00	37.18 -1.51 0.00	38.40 -1.94 0.00	38.54 -1.90 0.00	38.59 -1.57 0.00	38.55 -1.61 0.00	37.04 -1.22 0.00	38.00 -1.71 0.00	36.84 -1.86 0.00	39.00 -1.71 0.00	39.19 -2.50 0.00	44.92 -2.02 0.00	45.21 -1.59 0.00	44.56 -1.95 0.00	40.20 -2.66 0.00	35.76 -2.82 0.00	35.64 -1.10 0.00	33.07 -0.78 0.00
OH_GEN_PROXY 24063	29.89 -1.25 0.00	27.45 -1.00 0.00	25.86 -0.56 0.00	25.10 -0.57 0.31	25.44 -0.56 0.52	27.20 -0.45 2.65	30.70 -1.04 5.34	33.09 -1.16 4.44	35.70 -1.49 3.14	37.65 -1.50 1.29	38.95 -1.20 0.00	38.95 -1.20 0.00	37.34 -0.92 0.00	38.32 -1.39 0.00	37.30 -1.39 0.00	39.41 -1.30 0.00	41.11 -0.58 0.00	45.43 -1.50 0.00	45.73 -1.07 0.00	45.30 -1.21 0.00	40.97 -1.88 0.00	36.37 -2.20 0.00	35.92 -0.66 0.16	33.27 -0.58 0.00
OLIN_CORP_DRP 24177	29.64 -1.49 0.00	27.19 -1.25 0.00	25.62 -0.79 0.00	25.02 -0.96 0.00	25.75 -0.77 0.00	29.64 -0.67 0.00	35.71 -1.37 0.00	37.26 -1.43 0.00	38.44 -1.90 0.00	38.62 -1.82 0.00	38.63 -1.53 0.00	38.59 -1.57 0.00	37.04 -1.22 0.00	38.04 -1.67 0.00	36.92 -1.78 0.00	39.04 -1.67 0.00	39.23 -2.46 0.00	45.01 -1.92 0.00	45.31 -1.50 0.00	44.65 -1.86 0.00	40.24 -2.61 0.00	35.79 -2.78 0.00	35.67 -1.07 0.00	33.07 -0.78 0.00
OLIN_CORP_DSASP 323712	29.77 -1.37 0.00	27.30 -1.14 0.00	25.76 -0.66 0.00	25.33 -0.65 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.78 -1.30 0.00	37.22 -1.47 0.00	38.48 -1.85 0.00	38.58 -1.86 0.00	38.59 -1.57 0.00	38.63 -1.53 0.00	37.04 -1.23 0.00	38.00 -1.71 0.00	36.96 -1.74 0.00	39.00 -1.71 0.00	40.69 -1.00 0.00	44.92 -2.02 0.00	45.21 -1.59 0.00	44.79 -1.72 0.00	40.50 -2.36 0.00	35.95 -2.62 0.00	35.82 -0.92 0.00	33.04 -0.81 0.00
ONEIDA_HERK_LFGE 323681	30.11 0.56 1.59	27.58 0.45 1.32	25.71 0.42 1.12	25.30 0.41 1.10	25.87 0.48 1.12	29.62 0.61 1.28	37.27 0.96 0.77	39.81 1.12 0.00	41.63 1.29 0.00	41.81 1.38 0.00	41.32 1.17 0.00	41.28 1.12 0.00	39.14 0.88 0.00	40.70 0.99 0.00	39.51 0.81 0.00	41.53 0.81 0.00	42.57 0.88 0.00	48.06 1.12 0.00	48.07 1.26 0.00	47.86 1.35 0.00	44.02 1.16 0.00	39.61 1.04 0.00	37.80 1.07 0.00	34.63 0.78 0.00
ONEIDA___115KV_TB4 55905	32.07 0.93 0.00	29.27 0.82 0.00	27.18 0.77 0.00	26.73 0.75 0.00	27.34 0.82 0.00	31.30 1.00 0.00	38.42 1.33 0.00	40.24 1.55 0.00	41.83 1.49 0.00	42.01 1.58 0.00	41.60 1.45 0.00	41.56 1.41 0.00	39.49 1.22 0.00	41.06 1.35 0.00	39.90 1.20 0.00	41.93 1.22 0.00	42.90 1.21 0.00	48.53 1.60 0.00	48.49 1.69 0.00	48.23 1.72 0.00	44.32 1.46 0.00	39.81 1.23 0.00	37.99 1.25 0.00	34.83 0.98 0.00
ONONDAGA_REF_OCCRA 23987	31.29 0.16 0.00	28.56 0.11 0.00	26.57 0.16 0.00	26.14 0.16 0.00	26.68 0.16 0.00	30.54 0.24 0.00	37.41 0.33 0.00	39.12 0.43 0.00	40.66 0.32 0.00	40.88 0.44 0.00	40.52 0.36 0.00	40.52 0.36 0.00	38.61 0.34 0.00	40.03 0.32 0.00	39.01 0.31 0.00	41.04 0.33 0.00	41.94 0.25 0.00	47.41 0.47 0.00	47.37 0.56 0.00	47.02 0.51 0.00	43.25 0.39 0.00	38.76 0.19 0.00	37.14 0.40 0.00	34.09 0.24 0.00
ONONDAGA___COGEN 23986	31.39 0.25 0.00	28.64 0.20 0.00	26.65 0.24 0.00	26.21 0.23 0.00	26.76 0.24 0.00	30.64 0.33 0.00	37.53 0.44 0.00	39.23 0.54 0.00	40.74 0.40 0.00	41.00 0.57 0.00	40.68 0.52 0.00	40.64 0.48 0.00	38.72 0.46 0.00	40.14 0.44 0.00	39.12 0.43 0.00	41.12 0.41 0.00	42.03 0.33 0.00	47.50 0.56 0.00	47.46 0.66 0.00	47.11 0.60 0.00	43.33 0.47 0.00	38.84 0.27 0.00	37.25 0.51 0.00	34.19 0.34 0.00
ONTARIO___LFGE 23819	31.26 0.13 0.00	28.61 0.17 0.00	26.76 0.34 0.00	26.37 0.39 0.00	26.94 0.42 0.00	30.94 0.64 0.00	37.71 0.63 0.00	39.66 0.97 0.00	41.02 0.69 0.00	41.29 0.85 0.00	41.00 0.84 0.00	40.92 0.76 0.00	39.03 0.76 0.00	40.38 0.67 0.00	39.31 0.62 0.00	41.36 0.65 0.00	42.82 1.13 0.00	48.02 1.08 0.00	48.26 1.45 0.00	47.86 1.35 0.00	43.63 0.77 0.00	38.84 0.27 0.00	37.62 0.88 0.00	34.59 0.74 0.00
ORANGEVILLE_WT_PWR 323706	30.45 -0.69 0.00	27.96 -0.48 0.00	26.39 -0.03 0.00	25.98 0.00 0.00	26.55 0.03 0.00	30.52 0.21 0.00	37.08 0.00 0.00	38.89 0.19 0.00	40.21 -0.12 0.00	40.28 -0.16 0.00	40.24 0.08 0.00	40.28 0.12 0.00	38.49 0.23 0.00	39.71 0.00 0.00	38.66 -0.04 0.00	40.75 0.04 0.00	42.40 0.71 0.00	47.13 0.19 0.00	47.41 0.61 0.00	46.97 0.47 0.00	42.52 -0.34 0.00	37.76 -0.81 0.00	37.18 0.44 0.00	34.22 0.37 0.00
ORANGEVILLE___ESR 323794	30.45 -0.69 0.00	27.96 -0.48 0.00	26.39 -0.03 0.00	25.98 0.00 0.00	26.55 0.03 0.00	30.52 0.21 0.00	37.08 0.00 0.00	38.89 0.19 0.00	40.21 -0.12 0.00	40.28 -0.16 0.00	40.24 0.08 0.00	40.28 0.12 0.00	38.49 0.23 0.00	39.71 0.00 0.00	38.66 -0.04 0.00	40.75 0.04 0.00	42.40 0.71 0.00	47.13 0.19 0.00	47.41 0.61 0.00	46.97 0.47 0.00	42.52 -0.34 0.00	37.76 -0.81 0.00	37.18 0.44 0.00	34.22 0.37 0.00
OSWEGATCHIE___HYD 24044	17.66 -0.44 13.04	17.18 -0.43 10.84	16.78 -0.42 9.21	16.54 -0.42 9.02	16.92 -0.37 9.23	19.39 -0.36 10.55	30.54 -0.18 6.35	38.57 -0.12 0.00	40.62 0.28 0.00	40.72 0.29 0.00	40.24 0.08 0.00	40.04 -0.12 0.00	38.00 -0.27 0.00	39.31 -0.40 0.00	38.08 -0.62 0.00	40.06 -0.65 0.00	40.86 -0.83 0.00	46.18 -0.75 0.00	46.34 -0.47 0.00	46.23 -0.28 0.00	42.69 -0.17 0.00	38.61 0.04 0.00	37.00 0.26 0.00	34.05 0.20 0.00
OSWEGO___5 23606	30.76 -0.37 0.00	28.10 -0.34 0.00	26.12 -0.29 0.00	25.72 -0.26 0.00	26.25 -0.27 0.00	30.03 -0.27 0.00	36.71 -0.37 0.00	38.38 -0.31 0.00	39.93 -0.40 0.00	40.07 -0.36 0.00	39.79 -0.36 0.00	39.76 -0.40 0.00	37.88 -0.38 0.00	39.27 -0.44 0.00	38.31 -0.39 0.00	40.26 -0.45 0.00	41.36 -0.34 0.00	46.47 -0.47 0.00	46.38 -0.42 0.00	46.09 -0.42 0.00	42.39 -0.47 0.00	38.07 -0.50 0.00	36.44 -0.30 0.00	33.48 -0.37 0.00

OSWEGO___6 23613	30.76 -0.37 0.00	28.10 -0.34 0.00	26.12 -0.29 0.00	25.72 -0.26 0.00	26.25 -0.27 0.00	30.03 -0.27 0.00	36.71 -0.37 0.00	38.38 -0.31 0.00	39.93 -0.40 0.00	40.07 -0.36 0.00	39.79 -0.36 0.00	39.76 -0.40 0.00	37.88 -0.38 0.00	39.27 -0.44 0.00	38.31 -0.39 0.00	40.26 -0.45 0.00	41.36 -0.34 0.00	46.47 -0.47 0.00	46.38 -0.42 0.00	46.09 -0.42 0.00	42.39 -0.47 0.00	38.07 -0.50 0.00	36.44 -0.30 0.00	33.48 -0.37 0.00
OUTOKUMPU-AB___DRP 24206	30.36 -0.78 0.00	27.82 -0.63 0.00	26.28 -0.13 0.00	25.62 -0.36 0.00	26.39 -0.13 0.00	30.36 0.06 0.00	36.60 -0.48 0.00	38.38 -0.31 0.00	39.61 -0.73 0.00	39.75 -0.69 0.00	39.84 -0.32 0.00	39.80 -0.36 0.00	38.19 -0.08 0.00	39.31 -0.40 0.00	38.12 -0.58 0.00	40.26 -0.45 0.00	40.53 -1.17 0.00	46.42 -0.52 0.00	46.76 -0.05 0.00	46.14 -0.37 0.00	41.49 -1.37 0.00	36.87 -1.70 0.00	36.70 -0.04 0.00	33.95 0.10 0.00
OXBOW___BTM 323836	30.11 -1.03 0.00	27.59 -0.85 0.00	26.07 -0.34 0.00	25.64 -0.34 0.00	26.15 -0.37 0.00	30.09 -0.21 0.00	36.30 -0.78 0.00	37.88 -0.81 0.00	39.21 -1.13 0.00	39.23 -1.21 0.00	39.31 -0.85 0.00	39.35 -0.80 0.00	37.69 -0.57 0.00	38.75 -0.95 0.00	37.69 -1.01 0.00	39.73 -0.98 0.00	41.44 -0.25 0.00	45.77 -1.17 0.00	46.11 -0.70 0.00	45.67 -0.84 0.00	41.23 -1.63 0.00	36.56 -2.01 0.00	36.41 -0.33 0.00	33.54 -0.31 0.00
OXBOW____ 24026	30.11 -1.03 0.00	27.59 -0.85 0.00	26.04 -0.37 0.00	25.41 -0.57 0.00	26.15 -0.37 0.00	30.09 -0.21 0.00	36.23 -0.85 0.00	37.88 -0.81 0.00	39.09 -1.25 0.00	39.22 -1.21 0.00	39.31 -0.84 0.00	39.27 -0.88 0.00	37.69 -0.57 0.00	38.75 -0.95 0.00	37.57 -1.12 0.00	39.73 -0.98 0.00	39.94 -1.75 0.00	45.76 -1.17 0.00	46.10 -0.70 0.00	45.44 -1.07 0.00	40.93 -1.93 0.00	36.37 -2.20 0.00	36.26 -0.48 0.00	33.54 -0.30 0.00
OXY_CHEM_DSASP 323612	29.77 -1.37 0.00	27.30 -1.14 0.00	25.73 -0.69 0.00	25.10 -0.88 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.67 -1.41 0.00	37.18 -1.51 0.00	38.40 -1.94 0.00	38.54 -1.90 0.00	38.59 -1.57 0.00	38.55 -1.61 0.00	37.04 -1.22 0.00	38.00 -1.71 0.00	36.84 -1.86 0.00	39.00 -1.71 0.00	39.19 -2.50 0.00	44.92 -2.02 0.00	45.21 -1.59 0.00	44.56 -1.95 0.00	40.20 -2.66 0.00	35.76 -2.82 0.00	35.64 -1.10 0.00	33.07 -0.78 0.00
OZONE_PARK_ESR 323760	33.50 2.30 -0.06	30.55 2.02 -0.09	28.34 1.93 0.00	27.88 1.90 0.00	28.40 1.88 0.00	32.42 2.12 0.00	39.79 2.71 0.00	41.67 2.98 0.00	43.04 2.70 0.00	42.94 2.51 0.00	42.85 2.69 0.00	42.97 2.81 0.00	41.06 2.79 0.00	43.80 2.98 -1.11	42.38 3.02 -0.67	45.46 3.13 -1.61	51.22 3.79 -5.73	59.24 4.41 -7.89	56.29 4.21 -5.28	54.87 4.09 -4.27	50.35 3.73 -3.76	42.18 3.01 -0.60	39.27 2.53 0.00	36.35 2.50 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	29.77 -1.37 0.00	27.30 -1.14 0.00	25.73 -0.69 0.00	25.10 -0.88 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.67 -1.41 0.00	37.18 -1.51 0.00	38.40 -1.94 0.00	38.54 -1.90 0.00	38.59 -1.57 0.00	38.55 -1.61 0.00	37.04 -1.22 0.00	38.00 -1.71 0.00	36.84 -1.86 0.00	39.00 -1.71 0.00	39.19 -2.50 0.00	44.92 -2.02 0.00	45.21 -1.59 0.00	44.56 -1.95 0.00	40.20 -2.66 0.00	35.76 -2.82 0.00	35.64 -1.10 0.00	33.07 -0.78 0.00
PACKARD__115KV_DUPONT_184 80571	29.77 -1.37 0.00	27.30 -1.14 0.00	25.73 -0.69 0.00	25.10 -0.88 0.00	25.86 -0.66 0.00	29.73 -0.58 0.00	35.67 -1.41 0.00	37.18 -1.51 0.00	38.40 -1.94 0.00	38.54 -1.90 0.00	38.59 -1.57 0.00	38.55 -1.61 0.00	37.04 -1.22 0.00	38.00 -1.71 0.00	36.84 -1.86 0.00	39.00 -1.71 0.00	39.19 -2.50 0.00	44.92 -2.02 0.00	45.21 -1.59 0.00	44.56 -1.95 0.00	40.20 -2.66 0.00	35.76 -2.82 0.00	35.64 -1.10 0.00	33.07 -0.78 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.51 2.30 -0.07	30.61 2.08 -0.09	28.40 1.98 0.00	27.91 1.92 -0.01	28.46 1.94 0.00	32.39 2.09 0.00	39.49 2.41 0.00	41.17 2.48 0.00	42.43 2.10 0.00	42.34 1.90 0.00	42.20 2.05 0.00	42.24 2.09 0.00	40.37 2.10 0.00	43.08 2.26 -1.11	41.72 2.36 -0.67	44.73 2.40 -1.61	50.51 3.09 -5.73	58.44 3.61 -7.89	55.40 3.32 -5.27	53.94 3.16 -4.27	49.44 2.83 -3.76	41.48 2.31 -0.60	38.87 2.13 0.00	36.29 2.44 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.79 2.58 -0.07	30.87 2.33 -0.09	28.63 2.22 0.00	28.17 2.18 -0.01	28.72 2.20 0.00	32.70 2.39 0.00	39.90 2.82 0.00	41.59 2.90 0.00	42.84 2.50 0.00	42.66 2.22 0.00	42.57 2.41 0.00	42.57 2.41 0.00	40.71 2.45 0.00	43.48 2.66 -1.11	42.11 2.75 -0.67	45.13 2.81 -1.61	50.92 3.50 -5.73	58.91 4.08 -7.89	55.92 3.84 -5.27	54.45 3.67 -4.27	49.96 3.34 -3.76	41.87 2.70 -0.60	39.31 2.57 0.00	36.67 2.81 -0.01
PATROON__115KV_TB1 80586	31.95 0.81 0.00	29.21 0.77 0.00	27.05 0.63 0.00	26.60 0.62 0.00	27.16 0.64 0.00	30.97 0.67 0.00	37.93 0.85 0.00	39.39 0.70 0.00	40.94 0.61 0.00	41.04 0.61 0.00	40.80 0.64 0.00	40.80 0.64 0.00	38.80 0.54 0.00	40.30 0.60 0.00	39.28 0.58 0.00	41.32 0.61 0.00	42.49 0.79 0.00	47.97 1.03 0.00	47.79 0.98 0.00	47.58 1.07 0.00	43.85 0.99 0.00	39.42 0.85 0.00	37.29 0.55 0.00	34.42 0.58 0.00
PATTRSNVILLE___SOLAR 323815	32.89 1.49 -0.26	30.24 1.42 -0.38	27.68 1.27 0.00	27.23 1.25 0.00	27.82 1.30 0.00	31.73 1.42 0.00	38.97 1.89 0.00	40.47 1.78 0.00	42.11 1.77 0.00	42.14 1.70 0.00	41.76 1.61 0.00	41.64 1.49 0.00	39.56 1.30 0.00	41.10 1.39 0.00	40.05 1.35 0.00	42.30 1.59 0.00	43.69 2.00 0.00	49.38 2.44 0.00	49.29 2.48 0.00	49.02 2.51 0.00	45.13 2.27 0.00	40.54 1.97 0.00	38.39 1.65 0.00	35.34 1.49 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	30.67 -0.47 0.00	28.16 -0.28 0.00	26.63 0.21 0.00	26.01 0.03 0.00	26.78 0.27 0.00	30.79 0.48 0.00	37.23 0.15 0.00	39.27 0.58 0.00	40.50 0.16 0.00	40.64 0.20 0.00	40.72 0.56 0.00	40.68 0.52 0.00	39.03 0.77 0.00	40.26 0.56 0.00	39.08 0.39 0.00	41.28 0.57 0.00	41.74 0.04 0.00	47.74 0.80 0.00	48.07 1.26 0.00	47.44 0.93 0.00	42.69 -0.17 0.00	37.84 -0.73 0.00	37.44 0.70 0.00	34.53 0.68 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	33.15 1.96 -0.05	30.28 1.76 -0.07	28.10 1.69 0.00	27.64 1.66 0.00	28.19 1.67 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.21 2.52 0.00	42.72 2.38 0.00	42.62 2.18 0.00	42.53 2.37 0.00	42.61 2.45 0.00	40.64 2.37 0.00	42.75 2.66 -0.38	41.63 2.71 -0.23	44.12 2.85 -0.56	47.01 3.34 -1.98	53.47 3.80 -2.73	52.38 3.74 -1.83	51.61 3.63 -1.48	47.55 3.39 -1.30	41.59 2.82 -0.21	38.87 2.13 0.00	35.85 2.00 0.00
PEEKSKILL____ 23653	32.87 1.68 -0.06	30.06 1.53 -0.08	27.84 1.43 0.00	27.36 1.38 0.00	27.92 1.40 0.00	31.88 1.57 0.00	39.01 1.93 0.00	40.78 2.09 0.00	42.15 1.82 0.00	42.10 1.66 0.00	41.97 1.81 0.00	42.04 1.89 0.00	40.14 1.87 0.00	51.34 2.02 -9.61	46.54 2.09 -5.76	56.86 2.20 -13.95	93.90 2.67 -49.54	118.32 3.15 -68.24	95.42 3.00 -45.61	86.30 2.88 -36.91	77.96 2.61 -32.49	45.89 2.16 -5.16	38.39 1.65 0.00	35.51 1.66 0.00

PGE MADISON___WINDPWR 24146	33.13 1.99 0.00	30.18 1.74 0.00	28.11 1.69 0.00	27.72 1.74 0.00	28.35 1.83 0.00	32.58 2.27 0.00	40.30 3.22 0.00	42.52 3.83 0.00	44.09 3.75 0.00	44.36 3.92 0.00	43.69 3.53 0.00	43.69 3.53 0.00	41.44 3.17 0.00	43.16 3.45 0.00	41.72 3.02 0.00	43.89 3.18 0.00	45.24 3.54 0.00	51.30 4.37 0.00	51.49 4.68 0.00	51.44 4.93 0.00	46.97 4.11 0.00	42.04 3.47 0.00	40.27 3.53 0.00	36.56 2.71 0.00
PIERCEFIELD___HYD 23852	10.53 -1.03 19.58	11.23 -0.94 16.27	11.69 -0.90 13.83	11.58 -0.86 13.54	11.79 -0.88 13.86	13.50 -0.97 15.83	26.50 -1.04 9.54	37.56 -1.12 0.01	39.65 -0.69 0.00	39.75 -0.69 0.00	39.35 -0.80 0.00	39.15 -1.00 0.00	37.27 -0.99 0.00	38.44 -1.27 0.00	37.19 -1.51 0.00	39.12 -1.59 0.00	39.94 -1.75 0.00	44.87 -2.07 0.00	45.07 -1.73 0.00	44.93 -1.58 0.00	41.66 -1.20 0.00	37.76 -0.81 0.00	36.22 -0.51 0.00	33.54 -0.30 0.00
PINELAWN_CC_1 323563	37.70 2.34 -4.23	33.34 2.13 -2.77	32.37 2.03 -3.93	31.65 1.95 -3.72	32.62 2.01 -4.08	36.56 2.24 -4.02	39.75 2.67 0.00	41.32 2.63 0.00	42.51 2.18 0.00	42.42 1.98 0.00	42.61 2.45 0.00	43.02 2.85 -0.01	40.98 2.72 0.00	43.77 2.94 -1.12	42.42 3.06 -0.67	45.43 3.09 -1.63	51.10 3.63 -5.78	59.22 4.32 -7.96	56.34 4.21 -5.32	54.86 4.04 -4.31	50.25 3.60 -3.79	42.96 3.20 -1.19	38.87 2.13 0.00	36.82 2.47 -0.50
PJM_GEN_HTP_PROXY 323702	33.16 1.96 -0.06	30.26 1.74 -0.09	28.08 1.67 0.00	27.59 1.61 0.00	28.16 1.64 0.00	32.12 1.82 0.00	39.38 2.30 0.00	41.25 2.55 0.00	42.55 2.22 0.00	42.50 2.06 0.00	42.40 2.25 0.00	42.48 2.33 0.00	40.60 2.33 -1.11	43.32 2.50 -0.67	41.92 2.55 -1.61	44.97 2.64 -5.73	50.64 3.21 -7.90	58.59 3.76 -5.28	55.64 3.56 -4.27	54.22 3.44 -3.76	49.71 3.09 -0.60	41.71 2.55 0.00	38.79 2.06 0.00	35.91 2.07 0.00
PJM_GEN_KEystone 24065	31.48 0.34 0.00	28.87 0.43 0.00	26.97 0.56 0.00	26.50 0.52 0.00	27.08 0.56 0.00	31.00 0.70 0.00	37.67 0.59 0.00	39.58 0.89 0.00	40.90 0.56 0.00	40.92 0.49 0.00	40.80 0.64 0.00	40.84 0.68 0.00	39.07 0.80 0.00	39.62 0.75 0.84	38.97 0.77 0.50	40.35 0.86 1.22	38.87 1.50 4.32	42.44 1.46 5.96	44.42 1.59 3.98	44.73 1.44 3.22	40.97 0.94 2.84	38.59 0.46 0.45	37.47 0.73 0.00	34.56 0.71 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.61 2.24 -4.23	33.23 2.02 -2.77	32.27 1.93 -3.93	31.58 1.87 -3.72	32.51 1.91 -4.08	36.47 2.15 -4.02	39.56 2.48 0.00	41.13 2.44 0.00	42.39 2.06 0.00	42.34 1.90 0.00	42.44 2.29 0.00	42.77 2.61 -0.01	40.79 2.52 0.00	43.53 2.70 -1.12	42.16 2.79 -0.67	45.15 2.81 -1.63	50.81 3.34 -5.78	58.84 3.94 -7.96	55.97 3.84 -5.32	54.49 3.67 -4.31	49.95 3.30 -3.79	42.62 2.85 -1.19	38.76 2.02 0.00	36.68 2.33 -0.50
PJM_GEN_VFT_PROXY 323633	33.09 1.90 -0.06	30.21 1.68 -0.09	28.03 1.61 0.00	27.54 1.56 0.00	28.08 1.56 0.00	32.06 1.76 0.00	39.27 2.19 0.00	41.17 2.48 0.00	42.43 2.10 0.00	42.34 1.90 0.00	42.24 2.09 0.00	42.36 2.21 0.00	40.48 2.22 0.00	43.16 2.34 -1.11	41.80 2.44 -0.67	44.85 2.53 -1.61	50.55 3.13 -5.73	58.49 3.66 -7.89	55.59 3.51 -5.28	54.13 3.35 -4.27	49.62 3.00 -3.76	41.60 2.43 -0.60	38.72 1.98 0.00	35.91 2.07 0.00
PLATSBURG_115KV_PMLD1 355749	4.62 -2.15 24.37	6.20 -1.99 20.25	7.28 -1.93 17.21	7.23 -1.90 16.86	7.23 -2.04 17.25	8.48 -2.12 19.71	22.72 -2.48 11.87	35.86 -2.82 0.01	37.88 -2.46 0.00	38.09 -2.35 0.00	38.03 -2.13 0.00	38.35 -1.81 0.00	36.66 -1.61 0.00	37.88 -1.83 0.00	36.92 -1.78 0.00	38.96 -1.75 0.00	40.19 -1.50 0.00	44.59 -2.35 0.00	44.70 -2.11 0.00	44.51 -2.00 0.00	41.57 -1.29 0.00	37.61 -0.96 0.00	35.71 -1.03 0.00	33.04 -0.81 0.00
PLEASANTVLY___LBMP 24000	32.73 1.53 -0.07	29.94 1.39 -0.10	27.71 1.29 0.00	27.28 1.30 0.00	27.79 1.27 0.00	31.73 1.42 0.00	38.79 1.71 0.00	40.51 1.82 0.00	41.87 1.53 0.00	41.85 1.42 0.00	41.68 1.53 0.00	41.72 1.57 0.00	39.79 1.53 0.00	41.89 1.67 -0.51	40.70 1.70 -0.31	43.24 1.79 -0.74	46.54 2.21 -2.64	53.15 2.58 -3.63	51.67 2.43 -2.43	50.89 2.42 -1.96	46.82 2.23 -1.73	40.74 1.89 -0.27	38.17 1.43 0.00	35.30 1.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.00 1.81 -0.06	30.15 1.62 -0.09	27.95 1.53 0.00	27.51 1.53 0.00	28.03 1.51 0.00	32.00 1.70 0.00	39.16 2.08 0.00	40.98 2.28 0.00	42.35 2.02 0.00	42.30 1.86 0.00	42.12 1.97 0.00	42.24 2.09 0.00	40.33 2.07 0.00	42.75 2.18 -0.86	41.45 2.24 -0.51	44.31 2.36 -1.24	48.98 2.88 -4.41	56.35 3.33 -6.08	54.05 3.18 -4.06	52.86 3.07 -3.29	48.58 2.83 -2.89	41.38 2.35 -0.46	38.61 1.87 0.00	35.68 1.83 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.00 1.81 -0.06	30.15 1.62 -0.09	27.95 1.53 0.00	27.51 1.53 0.00	28.03 1.51 0.00	32.00 1.70 0.00	39.16 2.08 0.00	40.98 2.28 0.00	42.35 2.02 0.00	42.30 1.86 0.00	42.12 1.97 0.00	42.24 2.09 0.00	40.33 2.07 0.00	42.75 2.18 -0.86	41.45 2.24 -0.51	44.31 2.36 -1.24	48.98 2.88 -4.41	56.35 3.33 -6.08	54.05 3.18 -4.06	52.86 3.07 -3.29	48.58 2.83 -2.89	41.38 2.35 -0.46	38.61 1.87 0.00	35.68 1.83 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.85 1.65 -0.06	30.04 1.51 -0.09	27.81 1.40 0.00	27.38 1.40 0.00	27.93 1.41 0.00	31.85 1.55 0.00	39.01 1.93 0.00	40.67 1.97 0.00	42.15 1.82 0.00	42.10 1.66 0.00	41.92 1.77 0.00	41.96 1.81 0.00	40.02 1.76 0.00	41.49 1.79 0.00	40.55 1.86 0.00	42.67 1.95 0.00	44.11 2.42 0.00	49.75 2.82 0.00	49.57 2.76 0.00	49.21 2.70 0.00	45.35 2.49 0.00	40.62 2.04 0.00	38.35 1.62 0.00	35.44 1.59 0.00
POLETTI___ 23519	33.25 2.06 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.70 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.32 2.63 0.00	42.68 2.34 0.00	42.58 2.14 0.00	42.45 2.29 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	41.99 2.63 -0.67	45.05 2.73 -1.61	50.80 3.38 -5.73	58.73 3.90 -7.89	55.78 3.70 -5.28	54.31 3.53 -4.27	49.87 3.26 -3.76	41.79 2.62 -0.60	38.94 2.20 0.00	36.05 2.20 0.00
POMONA___ESR 323819	32.81 1.62 -0.05	30.03 1.51 -0.08	27.71 1.29 0.00	27.25 1.27 0.00	27.82 1.30 0.00	31.73 1.42 0.00	38.79 1.71 0.00	40.55 1.86 0.00	41.91 1.57 0.00	41.85 1.41 0.00	41.64 1.49 0.00	41.72 1.56 0.00	39.87 1.61 0.00	39.56 1.71 1.85	39.37 1.78 1.11	39.89 1.87 2.69	34.51 2.38 9.56	36.54 2.77 13.17	40.67 2.67 8.80	41.90 2.51 7.12	38.86 2.27 6.27	39.39 1.81 1.00	38.13 1.40 0.00	35.27 1.42 0.00
PORT_JEFF_3 23555	37.55 2.18 -4.23	33.17 1.96 -2.77	32.24 1.90 -3.93	31.50 1.79 -3.72	32.46 1.86 -4.08	36.41 2.09 -4.02	39.60 2.52 0.00	41.13 2.44 0.00	42.27 1.94 0.00	42.14 1.70 0.00	42.44 2.29 0.00	42.90 2.73 -0.01	40.83 2.56 0.00	43.65 2.82 -1.12	42.31 2.94 -0.67	45.31 2.97 -1.63	50.73 3.25 -5.78	58.84 3.94 -7.96	55.97 3.84 -5.32	54.49 3.67 -4.31	50.08 3.43 -3.79	42.85 3.09 -1.19	38.54 1.80 0.00	36.55 2.20 -0.50

PORT_JEFF_4 23616	37.55 2.18 -4.23	33.17 1.96 -2.77	32.24 1.90 -3.93	31.50 1.79 -3.72	32.46 1.86 -4.08	36.41 2.09 -4.02	39.60 2.52 0.00	41.13 2.44 0.00	42.27 1.94 0.00	42.14 1.70 0.00	42.44 2.29 0.00	42.90 2.73 -0.01	40.83 2.56 0.00	43.65 2.82 -1.12	42.31 2.94 -0.67	45.31 2.97 -1.63	50.73 3.25 -5.78	58.84 3.94 -7.96	55.97 3.84 -5.32	54.49 3.67 -4.31	50.08 3.43 -3.79	42.85 3.09 -1.19	38.54 1.80 0.00	36.55 2.20 -0.50
PORT_JEFF_IC 23713	37.54 2.18 -4.22	33.16 1.96 -2.76	32.26 1.93 -3.92	31.54 1.84 -3.72	32.45 1.86 -4.07	36.40 2.09 -4.01	39.60 2.52 0.00	41.21 2.52 0.00	42.51 2.18 0.00	42.30 1.86 0.00	42.45 2.29 0.00	42.97 2.81 0.00	40.94 2.68 0.00	43.69 2.86 -1.12	42.35 2.98 -0.67	45.35 3.01 -1.63	50.64 3.17 -5.78	58.61 3.71 -7.96	55.73 3.60 -5.32	54.26 3.44 -4.31	50.21 3.56 -3.79	42.92 3.16 -1.18	38.65 1.91 0.00	36.54 2.20 -0.49
PPL PILGRIM_ST_GT1 24216	37.70 2.34 -4.23	33.34 2.13 -2.77	32.37 2.03 -3.93	31.65 1.95 -3.72	32.59 1.99 -4.08	36.56 2.24 -4.02	39.79 2.71 0.00	41.36 2.67 0.00	42.47 2.14 0.00	42.34 1.90 0.00	42.61 2.45 0.00	43.06 2.89 -0.01	41.02 2.76 0.00	43.81 2.98 -1.12	42.46 3.10 -0.67	45.47 3.14 -1.63	51.06 3.59 -5.78	59.22 4.32 -7.96	56.34 4.21 -5.32	54.86 4.04 -4.31	50.29 3.64 -3.79	43.00 3.24 -1.19	38.76 2.02 0.00	36.75 2.40 -0.50
PPL PILGRIM_ST_GT2 24217	37.70 2.34 -4.23	33.34 2.13 -2.77	32.37 2.03 -3.93	31.65 1.95 -3.72	32.59 1.99 -4.08	36.56 2.24 -4.02	39.79 2.71 0.00	41.36 2.67 0.00	42.47 2.14 0.00	42.34 1.90 0.00	42.61 2.45 0.00	43.06 2.89 -0.01	41.02 2.76 0.00	43.81 2.98 -1.12	42.46 3.10 -0.67	45.47 3.14 -1.63	51.06 3.59 -5.78	59.22 4.32 -7.96	56.34 4.21 -5.32	54.86 4.04 -4.31	50.29 3.64 -3.79	43.00 3.24 -1.19	38.76 2.02 0.00	36.75 2.40 -0.50
PPL_SHRM_GT3 24213	36.73 1.37 -4.23	32.43 1.22 -2.77	31.63 1.29 -3.93	30.87 1.17 -3.72	31.82 1.22 -4.08	35.68 1.36 -4.02	38.75 1.67 0.00	40.28 1.59 0.00	41.30 0.97 0.00	41.12 0.69 0.00	41.44 1.28 0.00	41.97 1.81 -0.01	39.91 1.64 0.00	42.70 1.87 -1.12	41.46 2.09 -0.67	44.33 1.99 -1.63	49.93 2.46 -5.78	58.00 3.10 -7.96	55.13 3.00 -5.32	53.61 2.79 -4.31	49.09 2.44 -3.79	42.04 2.28 -1.19	37.47 0.73 0.00	35.53 1.18 -0.50
PPL_SHRM_GT4 24214	36.73 1.37 -4.23	32.43 1.22 -2.77	31.63 1.29 -3.93	30.87 1.17 -3.72	31.82 1.22 -4.08	35.68 1.36 -4.02	38.75 1.67 0.00	40.28 1.59 0.00	41.30 0.97 0.00	41.12 0.69 0.00	41.44 1.28 0.00	41.97 1.81 -0.01	39.91 1.64 0.00	42.70 1.87 -1.12	41.46 2.09 -0.67	44.33 1.99 -1.63	49.93 2.46 -5.78	58.00 3.10 -7.96	55.13 3.00 -5.32	53.61 2.79 -4.31	49.09 2.44 -3.79	42.04 2.28 -1.19	37.47 0.73 0.00	35.53 1.18 -0.50
PROJECT___ORANGE 1 24174	31.23 0.09 0.00	28.50 0.06 0.00	26.49 0.08 0.00	26.06 0.08 0.00	26.63 0.11 0.00	30.45 0.15 0.00	37.30 0.22 0.00	39.00 0.31 0.00	40.50 0.16 0.00	40.72 0.28 0.00	40.40 0.24 0.00	40.40 0.24 0.00	38.49 0.23 0.00	39.91 0.20 0.00	38.89 0.19 0.00	40.91 0.20 0.00	41.78 0.08 0.00	47.22 0.28 0.00	47.18 0.37 0.00	46.83 0.33 0.00	43.03 0.17 0.00	38.61 0.04 0.00	37.03 0.29 0.00	33.98 0.14 0.00
PROJECT___ORANGE 2 24166	31.23 0.09 0.00	28.50 0.06 0.00	26.49 0.08 0.00	26.06 0.08 0.00	26.63 0.11 0.00	30.45 0.15 0.00	37.30 0.22 0.00	39.00 0.31 0.00	40.50 0.16 0.00	40.72 0.28 0.00	40.40 0.24 0.00	40.40 0.24 0.00	38.49 0.23 0.00	39.91 0.20 0.00	38.89 0.19 0.00	40.91 0.20 0.00	41.78 0.08 0.00	47.22 0.28 0.00	47.18 0.37 0.00	46.83 0.33 0.00	43.03 0.17 0.00	38.61 0.04 0.00	37.03 0.29 0.00	33.98 0.14 0.00
PUCKETT___SOLAR 323809	31.95 0.81 0.00	29.18 0.74 0.00	27.23 0.82 0.00	26.79 0.81 0.00	27.37 0.85 0.00	31.36 1.06 0.00	38.41 1.33 0.00	40.36 1.66 0.00	41.79 1.45 0.00	41.97 1.54 0.00	41.60 1.44 0.00	41.60 1.44 0.00	39.60 1.34 0.00	41.10 1.39 0.00	39.97 1.28 0.00	42.05 1.34 0.00	43.40 1.71 0.00	48.86 1.93 0.00	48.96 2.15 0.00	48.65 2.14 0.00	44.58 1.72 0.00	39.84 1.27 0.00	38.21 1.47 0.00	35.00 1.15 0.00
PYRITES___HYD 24023	10.30 -0.72 20.13	11.09 -0.63 16.73	11.59 -0.61 14.21	11.49 -0.57 13.92	11.67 -0.61 14.24	13.39 -0.64 16.28	26.68 -0.59 9.81	38.07 -0.62 0.01	40.17 -0.16 0.00	40.28 -0.16 0.00	39.84 -0.32 0.00	39.63 -0.52 0.00	37.73 -0.54 0.00	38.95 -0.75 0.00	37.69 -1.01 0.00	39.65 -1.06 0.00	40.48 -1.21 0.00	45.53 -1.41 0.00	45.82 -0.98 0.00	45.72 -0.79 0.00	42.30 -0.56 0.00	38.30 -0.27 0.00	36.66 -0.07 0.00	33.85 0.00 0.00
QUAKERRD_115KV_BK1 80622	30.08 -1.06 0.00	27.50 -0.94 0.00	25.73 -0.69 0.00	25.23 -0.75 0.00	25.91 -0.61 0.00	29.79 -0.52 0.00	36.19 -0.89 0.00	37.88 -0.81 0.00	39.25 -1.09 0.00	39.59 -0.85 0.00	39.39 -0.76 0.00	39.23 -0.92 0.00	37.57 -0.69 0.00	38.71 -0.99 0.00	37.65 -1.04 0.00	39.65 -1.06 0.00	40.19 -1.50 0.00	45.81 -1.13 0.00	46.01 -0.80 0.00	45.44 -1.07 0.00	41.32 -1.54 0.00	36.87 -1.70 0.00	36.11 -0.62 0.00	33.24 -0.61 0.00
QUEENSBRY_115KV_TB8 356137	33.91 2.30 -0.47	31.35 2.22 -0.69	28.40 1.98 0.00	27.90 1.92 0.00	28.51 1.99 0.00	32.48 2.18 0.00	40.05 2.97 0.00	41.48 2.79 0.00	43.40 3.07 0.00	43.71 3.28 0.00	43.45 3.29 0.00	43.37 3.21 0.00	41.09 2.83 0.00	42.61 2.90 0.00	41.48 2.79 0.00	43.60 2.89 0.00	44.78 3.09 0.00	50.79 3.85 0.00	50.74 3.93 0.00	50.51 4.00 0.00	46.50 3.64 0.00	41.66 3.09 0.00	39.35 2.61 0.00	36.12 2.27 0.00
RAMAPO___LBMP 323565	32.71 1.53 -0.05	29.91 1.39 -0.08	27.66 1.24 0.00	27.23 1.25 0.00	27.77 1.25 0.00	31.67 1.36 0.00	38.67 1.59 0.00	40.47 1.78 0.00	41.83 1.49 0.00	41.77 1.33 0.00	41.56 1.41 0.00	41.64 1.49 0.00	39.79 1.53 0.00	39.43 1.63 1.91	39.26 1.70 1.14	39.73 1.79 2.77	34.20 2.33 9.83	36.07 2.68 13.55	40.28 2.53 9.05	41.60 2.42 7.33	38.64 2.23 6.45	39.32 1.77 1.02	38.10 1.36 0.00	35.20 1.35 0.00
RANKINE____ 23646	30.51 -0.62 0.00	28.02 -0.43 0.00	26.44 0.03 0.00	25.82 -0.16 0.00	26.60 0.08 0.00	30.61 0.30 0.00	36.97 -0.11 0.00	38.85 0.15 0.00	40.09 -0.24 0.00	40.24 -0.20 0.00	40.32 0.16 0.00	40.28 0.12 0.00	38.61 0.34 0.00	39.79 0.08 0.00	38.58 -0.12 0.00	40.79 0.08 0.00	41.11 -0.58 0.00	47.08 0.14 0.00	47.41 0.61 0.00	46.79 0.28 0.00	42.13 -0.73 0.00	37.38 -1.20 0.00	37.11 0.37 0.00	34.25 0.41 0.00
RAVENSWOOD_GT2_1 24244	33.25 2.06 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.70 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.41 2.25 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.63 3.80 -7.89	55.68 3.60 -5.27	54.26 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.91 2.17 0.00	36.01 2.17 0.00



RAVENSWOOD_GT2_2 24245	33.25 2.06 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.70 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.41 2.25 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.63 3.80 -7.89	55.68 3.60 -5.27	54.26 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.91 2.17 0.00	36.01 2.17 0.00
RAVENSWOOD_GT2_3 24246	33.25 2.06 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.70 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.32 2.63 0.00	42.68 2.34 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.36 2.54 -1.11	41.99 2.63 -0.67	45.05 2.73 -1.61	50.76 3.34 -5.73	58.68 3.85 -7.89	55.73 3.65 -5.27	54.26 3.49 -4.27	49.83 3.21 -3.76	41.79 2.62 -0.60	38.91 2.17 0.00	36.05 2.20 0.00
RAVENSWOOD_GT2_4 24247	33.25 2.06 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.70 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.32 2.63 0.00	42.68 2.34 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.36 2.54 -1.11	41.99 2.63 -0.67	45.05 2.73 -1.61	50.76 3.34 -5.73	58.68 3.85 -7.89	55.73 3.65 -5.27	54.26 3.49 -4.27	49.83 3.21 -3.76	41.79 2.62 -0.60	38.91 2.17 0.00	36.05 2.20 0.00
RAVENSWOOD_GT3_1 24248	33.25 2.06 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.70 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.63 3.80 -7.89	55.68 3.60 -5.27	54.26 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.91 2.17 0.00	36.01 2.17 0.00
RAVENSWOOD_GT3_2 24249	33.25 2.06 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.70 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.63 3.80 -7.89	55.68 3.60 -5.27	54.26 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.91 2.17 0.00	36.01 2.17 0.00
RAVENSWOOD_GT3_3 24250	33.28 2.09 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.72 1.74 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.49 2.41 0.00	41.36 2.67 0.00	42.72 2.38 0.00	42.62 2.18 0.00	42.49 2.33 0.00	42.61 2.45 0.00	40.71 2.45 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.09 2.77 -1.61	50.80 3.38 -5.73	58.72 3.90 -7.89	55.78 3.70 -5.27	54.36 3.58 -4.27	49.87 3.26 -3.76	41.83 2.66 -0.60	38.94 2.20 0.00	36.08 2.23 0.00
RAVENSWOOD_GT3_4 24251	33.28 2.09 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.72 1.74 0.00	28.24 1.72 0.00	32.24 1.94 0.00	39.49 2.41 0.00	41.36 2.67 0.00	42.72 2.38 0.00	42.62 2.18 0.00	42.49 2.33 0.00	42.61 2.45 0.00	40.71 2.45 0.00	43.40 2.58 -1.11	42.03 2.67 -0.67	45.09 2.77 -1.61	50.80 3.38 -5.73	58.72 3.90 -7.89	55.78 3.70 -5.27	54.36 3.58 -4.27	49.87 3.26 -3.76	41.83 2.66 -0.60	38.94 2.20 0.00	36.08 2.23 0.00
RAVENSWOOD_GT_1 23729	33.41 2.21 -0.07	30.50 1.96 -0.09	28.29 1.88 0.00	27.83 1.84 -0.01	28.35 1.83 0.00	32.33 2.03 0.00	39.53 2.45 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.49 2.33 0.00	40.64 2.37 0.00	43.32 2.50 -1.11	41.95 2.59 -0.67	44.97 2.65 -1.61	50.72 3.29 -5.73	58.68 3.85 -7.89	55.68 3.60 -5.27	54.22 3.44 -4.27	49.70 3.09 -3.76	41.68 2.51 -0.60	38.98 2.24 0.00	36.19 2.34 0.00
RAVENSWOOD_GT_10 24258	33.25 2.06 -0.06	30.35 1.82 -0.08	28.16 1.74 0.00	27.69 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.63 3.80 -7.89	55.73 3.65 -5.27	54.26 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.91 2.17 0.00	36.01 2.17 0.00
RAVENSWOOD_GT_11 24259	33.25 2.06 -0.06	30.35 1.82 -0.08	28.16 1.74 0.00	27.69 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.63 3.80 -7.89	55.73 3.65 -5.27	54.26 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.91 2.17 0.00	36.01 2.17 0.00
RAVENSWOOD_GT_4 24252	33.21 2.02 -0.05	30.32 1.79 -0.08	28.13 1.72 0.00	27.66 1.69 0.01	28.19 1.67 0.00	32.18 1.88 0.00	39.42 2.34 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.05 2.73 -1.61	50.76 3.34 -5.73	58.68 3.85 -7.89	55.73 3.65 -5.27	54.31 3.53 -4.27	49.83 3.21 -3.76	41.79 2.62 -0.60	38.91 2.17 0.00	36.02 2.17 0.00
RAVENSWOOD_GT_5 24254	33.21 2.02 -0.05	30.32 1.79 -0.08	28.13 1.72 0.00	27.66 1.69 0.01	28.19 1.67 0.00	32.18 1.88 0.00	39.42 2.34 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.05 2.73 -1.61	50.76 3.34 -5.73	58.68 3.85 -7.89	55.73 3.65 -5.27	54.31 3.53 -4.27	49.83 3.21 -3.76	41.79 2.62 -0.60	38.91 2.17 0.00	36.02 2.17 0.00
RAVENSWOOD_GT_6 24253	33.21 2.02 -0.05	30.32 1.79 -0.08	28.13 1.72 0.00	27.66 1.69 0.01	28.19 1.67 0.00	32.18 1.88 0.00	39.42 2.34 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.05 2.73 -1.61	50.76 3.34 -5.73	58.68 3.85 -7.89	55.73 3.65 -5.27	54.31 3.53 -4.27	49.83 3.21 -3.76	41.79 2.62 -0.60	38.91 2.17 0.00	36.02 2.17 0.00
RAVENSWOOD_GT_7 24255	33.21 2.02 -0.05	30.32 1.79 -0.08	28.13 1.72 0.00	27.66 1.69 0.01	28.19 1.67 0.00	32.18 1.88 0.00	39.42 2.34 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.05 2.73 -1.61	50.76 3.34 -5.73	58.68 3.85 -7.89	55.73 3.65 -5.27	54.31 3.53 -4.27	49.83 3.21 -3.76	41.79 2.62 -0.60	38.91 2.17 0.00	36.02 2.17 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.25 2.06 -0.06	30.35 1.82 -0.08	28.16 1.74 0.00	27.69 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.63 3.80 -7.89	55.73 3.65 -5.27	54.26 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.91 2.17 0.00	36.01 2.00 0.00

RAVENSWOOD_GT_9 24257	33.25 2.06 -0.06	30.35 1.82 -0.08	28.16 1.74 0.00	27.69 1.71 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.45 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.72 3.29 -5.73	58.63 3.80 -7.89	55.73 3.65 -5.27	54.26 3.49 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	38.91 2.17 0.00	36.01 2.17 0.00
RAVENSWOOD___1 23533	33.38 2.18 -0.07	30.47 1.94 -0.09	28.26 1.85 0.00	27.78 1.79 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.53 2.45 0.00	41.36 2.67 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.40 2.25 0.00	42.44 2.29 0.00	40.60 2.33 0.00	43.32 2.50 -1.11	41.95 2.59 -0.67	44.97 2.64 -1.61	50.68 3.25 -5.73	58.63 3.80 -7.89	55.69 3.60 -5.27	54.17 3.39 -4.27	49.66 3.04 -3.76	41.64 2.47 -0.60	38.91 2.17 0.00	36.15 2.30 0.00
RAVENSWOOD___2 23534	33.38 2.18 -0.07	30.47 1.94 -0.09	28.26 1.85 0.00	27.78 1.79 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.53 2.45 0.00	41.32 2.63 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.40 2.25 0.00	42.44 2.29 0.00	40.60 2.33 0.00	43.32 2.50 -1.11	41.91 2.55 -0.67	44.97 2.64 -1.61	50.68 3.25 -5.73	58.63 3.80 -7.89	55.64 3.56 -5.27	54.17 3.39 -4.27	49.66 3.04 -3.76	41.64 2.47 -0.60	38.91 2.17 0.00	36.15 2.30 0.00
RAVENSWOOD___3 23535	33.25 2.05 -0.06	30.35 1.82 -0.09	28.16 1.74 0.00	27.67 1.69 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.46 2.38 0.00	41.32 2.63 0.00	42.59 2.26 0.00	42.54 2.10 0.00	42.44 2.29 0.00	42.53 2.37 0.00	40.64 2.37 0.00	43.36 2.54 -1.11	41.95 2.59 -0.67	45.01 2.69 -1.61	50.71 3.29 -5.73	58.68 3.85 -7.89	55.73 3.65 -5.27	54.27 3.49 -4.27	49.74 3.13 -3.76	41.75 2.58 -0.60	38.87 2.13 0.00	36.02 2.17 0.00
RAVENSWOOD___4 23820	33.38 2.18 -0.06	30.47 1.94 -0.09	28.23 1.82 0.00	27.76 1.77 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.32 2.63 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.40 2.25 0.00	42.44 2.29 0.00	40.56 2.30 0.00	43.28 2.46 -1.11	41.91 2.55 -0.67	44.93 2.61 -1.61	50.68 3.25 -5.73	58.63 3.80 -7.89	55.64 3.56 -5.27	54.17 3.39 -4.27	49.66 3.04 -3.76	41.64 2.47 -0.60	38.87 2.13 0.00	36.15 2.30 0.00
RCPI_TRUST___DRP 24196	33.22 2.02 -0.06	30.32 1.79 -0.09	28.13 1.72 0.00	27.67 1.69 0.00	28.22 1.70 0.00	32.21 1.91 0.00	39.45 2.37 0.00	41.32 2.63 0.00	42.72 2.38 0.00	42.62 2.18 0.00	42.53 2.37 0.00	42.65 2.49 0.00	40.75 2.49 0.00	43.44 2.62 -1.11	42.07 2.71 -0.67	45.13 2.81 -1.61	50.80 3.38 -5.73	58.73 3.90 -7.90	55.78 3.70 -5.28	54.36 3.58 -4.27	49.88 3.26 -3.76	41.83 2.66 -0.60	38.91 2.17 0.00	36.01 2.17 0.00
RED___ROCHESTER 323720	30.73 -0.41 0.00	28.13 -0.31 0.00	26.34 -0.08 0.00	25.93 -0.05 0.00	26.52 0.00 0.00	30.52 0.21 0.00	37.12 0.04 0.00	38.77 0.08 0.00	40.26 -0.08 0.00	40.52 0.08 0.00	40.36 0.20 0.00	40.20 0.04 0.00	38.53 0.27 0.00	39.67 -0.04 0.00	38.66 -0.04 0.00	40.59 -0.12 0.00	42.20 0.50 0.00	46.94 0.00 0.00	47.14 0.33 0.00	46.74 0.23 0.00	42.47 -0.39 0.00	37.84 -0.73 0.00	37.11 0.37 0.00	34.05 0.20 0.00
REGAN___SOLAR 323812	33.96 2.58 -0.24	31.24 2.45 -0.35	28.63 2.22 0.00	28.16 2.18 0.00	28.80 2.28 0.00	32.88 2.57 0.00	40.60 3.52 0.00	41.98 3.29 0.00	43.80 3.47 0.00	43.92 3.48 0.00	43.41 3.25 0.00	43.13 2.97 0.00	40.94 2.68 0.00	42.49 2.78 0.00	41.40 2.71 0.00	43.80 3.09 0.00	45.49 3.79 0.00	51.54 4.60 0.00	51.53 4.73 0.00	51.30 4.79 0.00	47.14 4.29 0.00	42.24 3.67 0.00	39.93 3.19 0.00	36.62 2.78 0.00
RENSSELAER___COGEN 23796	30.05 0.68 1.77	26.48 0.65 2.61	26.94 0.53 0.00	26.50 0.52 0.00	27.05 0.53 0.00	30.85 0.55 0.00	37.78 0.70 0.00	39.19 0.50 0.00	40.70 0.36 0.00	40.80 0.36 0.00	40.52 0.36 0.00	40.52 0.36 0.00	38.53 0.27 0.00	40.02 0.32 0.00	38.97 0.27 0.00	41.08 0.37 0.00	42.20 0.50 0.00	47.64 0.71 0.00	47.51 0.70 0.00	47.21 0.70 0.00	43.59 0.73 0.00	39.23 0.66 0.00	37.07 0.33 0.00	34.29 0.44 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.17 3.55 -0.48	32.54 3.38 -0.71	29.48 3.06 0.00	28.94 2.96 0.00	29.57 3.05 0.00	33.67 3.36 0.00	41.72 4.64 0.00	43.06 4.37 0.00	45.26 4.92 0.00	45.74 5.30 0.00	45.50 5.34 0.00	45.42 5.26 0.00	42.93 4.67 0.00	44.39 4.69 0.00	43.18 4.49 0.00	45.35 4.64 0.00	46.45 4.75 0.00	52.90 5.96 0.00	52.94 6.13 0.00	52.79 6.28 0.00	48.52 5.66 0.00	43.39 4.82 0.00	40.93 4.19 0.00	37.44 3.59 0.00
REVERE_CPPR_DRP 24186	31.45 1.09 0.78	28.74 0.94 0.64	26.74 0.87 0.55	26.30 0.86 0.54	26.90 0.93 0.55	30.83 1.15 0.63	38.30 1.59 0.38	40.47 1.78 0.00	42.19 1.86 0.00	42.38 1.94 0.00	41.88 1.73 0.00	41.84 1.69 0.00	39.72 1.45 0.00	41.34 1.63 0.00	40.13 1.43 0.00	42.18 1.47 0.00	43.11 1.42 0.00	48.81 1.88 0.00	48.82 2.01 0.00	48.60 2.09 0.00	44.66 1.80 0.00	40.11 1.54 0.00	38.32 1.58 0.00	35.03 1.18 0.00
REYNOLDS_115KV_TB3 80639	33.55 1.06 -1.35	31.43 1.00 -2.00	27.26 0.85 0.00	26.81 0.83 0.00	27.37 0.85 0.00	31.21 0.91 0.00	38.19 1.11 0.00	39.66 0.97 0.00	41.14 0.81 0.00	41.21 0.77 0.00	40.96 0.80 0.00	40.96 0.80 0.00	38.91 0.65 0.00	40.46 0.75 0.00	39.39 0.70 0.00	41.53 0.81 0.00	42.69 1.00 0.00	48.16 1.22 0.00	47.98 1.17 0.00	47.76 1.26 0.00	44.06 1.20 0.00	39.65 1.08 0.00	37.51 0.77 0.00	34.63 0.78 0.00
RIVERBAY____ 323610	33.79 2.58 -0.07	30.87 2.33 -0.09	28.63 2.22 0.00	28.17 2.18 -0.01	28.72 2.20 0.00	32.70 2.39 0.00	39.90 2.82 0.00	41.59 2.90 0.00	42.84 2.50 0.00	42.66 2.22 0.00	42.57 2.41 0.00	42.57 2.41 0.00	40.71 2.45 0.00	43.48 2.66 -1.11	42.11 2.75 -0.67	45.13 2.81 -1.61	50.92 3.50 -5.73	58.91 4.08 -7.89	55.92 3.84 -5.27	54.45 3.67 -4.27	49.96 3.34 -3.76	41.87 2.70 -0.60	39.31 2.57 0.00	36.67 2.81 -0.01
RIVERSDE_115KV_TB3 55908	32.08 0.81 -0.13	29.41 0.77 -0.20	27.05 0.63 0.00	26.60 0.62 0.00	27.16 0.64 0.00	30.97 0.67 0.00	37.93 0.85 0.00	39.39 0.70 0.00	40.90 0.56 0.00	41.00 0.57 0.00	40.72 0.56 0.00	40.72 0.56 0.00	38.72 0.46 0.00	40.22 0.52 0.00	39.20 0.50 0.00	41.28 0.57 0.00	42.44 0.75 0.00	47.88 0.94 0.00	47.74 0.94 0.00	47.49 0.98 0.00	43.80 0.94 0.00	39.38 0.81 0.00	37.25 0.51 0.00	34.39 0.54 0.00
ROARING___BROOK_WT_PWR 323790	-5.97 -1.77 35.34	-2.54 -1.62 29.37	-0.08 -1.53 24.96	0.00 -1.53 24.45	0.00 -1.51 25.01	0.00 -1.73 28.58	17.79 -2.08 17.22	36.59 -2.09 0.01	38.52 -1.81 0.00	38.78 -1.66 0.00	38.55 -1.61 0.00	38.67 -1.48 0.00	36.92 -1.34 0.00	38.28 -1.43 0.00	37.23 -1.47 0.00	39.21 -1.51 0.00	40.07 -1.63 0.00	45.25 -1.69 0.00	45.40 -1.40 0.00	45.07 -1.44 0.00	41.62 -1.24 0.00	37.57 -1.00 0.00	35.86 -0.88 0.00	33.17 -0.68 0.00

ROCHESRG_115KV_T4 355643	30.48 -0.65 0.00	27.90 -0.54 0.00	26.12 -0.29 0.00	25.62 -0.36 0.00	26.31 -0.21 0.00	30.24 -0.06 0.00	36.67 -0.41 0.00	38.38 -0.31 0.00	39.73 -0.61 0.00	40.03 -0.40 0.00	39.88 -0.28 0.00	39.71 -0.44 0.00	38.07 -0.19 0.00	39.19 -0.52 0.00	38.12 -0.58 0.00	40.18 -0.53 0.00	40.69 -1.00 0.00	46.42 -0.52 0.00	46.62 -0.19 0.00	46.04 -0.47 0.00	41.83 -1.03 0.00	37.30 -1.27 0.00	36.63 -0.11 0.00	33.75 -0.10 0.00
ROCHESTER_9_IC 23652	30.61 -0.53 0.00	28.04 -0.40 0.00	26.23 -0.18 0.00	25.72 -0.26 0.00	26.41 -0.11 0.00	30.39 0.09 0.00	36.86 -0.22 0.00	38.58 -0.12 0.00	39.97 -0.36 0.00	40.28 -0.16 0.00	40.12 -0.04 0.00	39.96 -0.20 0.00	38.34 0.08 0.00	39.43 -0.28 0.00	38.35 -0.35 0.00	40.39 -0.33 0.00	40.90 -0.79 0.00	46.70 -0.23 0.00	46.90 0.09 0.00	46.32 -0.19 0.00	42.05 -0.81 0.00	37.49 -1.08 0.00	36.81 0.07 0.00	33.92 0.07 0.00
ROCKVIEW_13_KV_LD 356306	33.13 1.93 -0.06	30.26 1.74 -0.09	28.08 1.66 0.00	27.62 1.64 0.00	28.14 1.62 0.00	32.12 1.82 0.00	39.34 2.26 0.00	41.21 2.52 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.41 2.25 0.00	42.49 2.33 0.00	40.60 2.33 0.00	43.28 2.46 -1.11	41.92 2.55 -0.67	44.97 2.65 -1.61	50.63 3.21 -5.72	58.53 3.71 -7.88	55.63 3.56 -5.27	54.21 3.44 -4.26	49.78 3.17 -3.75	41.79 2.62 -0.60	38.83 2.09 0.00	35.88 2.03 0.00
ROME____115KV_TB2 80656	31.45 1.09 0.78	28.74 0.94 0.64	26.74 0.87 0.55	26.30 0.86 0.54	26.90 0.93 0.55	30.83 1.15 0.63	38.30 1.59 0.38	40.47 1.78 0.00	42.19 1.86 0.00	42.38 1.94 0.00	41.88 1.73 0.00	41.84 1.69 0.00	39.72 1.45 0.00	41.34 1.63 0.00	40.13 1.43 0.00	42.18 1.47 0.00	43.11 1.42 0.00	48.81 1.88 0.00	48.82 2.01 0.00	48.60 2.09 0.00	44.66 1.80 0.00	40.11 1.54 0.00	38.32 1.58 0.00	35.03 1.18 0.00
ROSETON___1 23587	32.65 1.46 -0.05	29.85 1.34 -0.07	27.66 1.24 0.00	27.18 1.20 0.00	27.74 1.22 0.00	31.63 1.33 0.00	38.67 1.59 0.00	40.39 1.70 0.00	41.75 1.41 0.00	41.73 1.29 0.00	41.56 1.40 0.00	41.60 1.44 0.00	39.72 1.45 0.00	41.25 1.55 0.00	40.32 1.62 0.00	42.38 1.67 0.00	43.78 2.08 0.00	49.33 2.39 0.00	49.10 2.29 0.00	48.74 2.23 0.00	44.92 2.06 0.00	40.31 1.74 0.00	38.06 1.32 0.00	35.24 1.39 0.00
ROSETON___2 23588	32.65 1.46 -0.05	29.85 1.34 -0.07	27.66 1.24 0.00	27.18 1.20 0.00	27.74 1.22 0.00	31.63 1.33 0.00	38.67 1.59 0.00	40.39 1.70 0.00	41.75 1.41 0.00	41.73 1.29 0.00	41.56 1.40 0.00	41.60 1.44 0.00	39.72 1.45 0.00	41.25 1.55 0.00	40.32 1.62 0.00	42.38 1.67 0.00	43.78 2.08 0.00	49.33 2.39 0.00	49.10 2.29 0.00	48.74 2.23 0.00	44.92 2.06 0.00	40.31 1.74 0.00	38.06 1.32 0.00	35.24 1.39 0.00
ROTTTRDAM_115KV_TB3 80664	32.55 1.15 -0.26	29.91 1.08 -0.39	27.39 0.98 0.00	26.94 0.96 0.00	27.50 0.98 0.00	31.36 1.06 0.00	38.45 1.37 0.00	40.01 1.32 0.00	41.59 1.25 0.00	41.69 1.25 0.00	41.40 1.24 0.00	41.36 1.20 0.00	39.33 1.07 0.00	40.82 1.11 0.00	39.82 1.12 0.00	41.93 1.22 0.00	43.15 1.46 0.00	48.67 1.74 0.00	48.59 1.78 0.00	48.28 1.77 0.00	44.53 1.67 0.00	40.00 1.43 0.00	37.91 1.18 0.00	34.93 1.08 0.00
RUSSELL___1 23602	30.73 -0.40 0.00	28.13 -0.31 0.00	26.34 -0.08 0.00	25.80 -0.18 0.00	26.52 0.00 0.00	30.51 0.21 0.00	37.04 -0.04 0.00	38.77 0.08 0.00	40.17 -0.16 0.00	40.52 0.08 0.00	40.36 0.20 0.00	40.16 0.00 0.00	38.53 0.27 0.00	39.63 -0.08 0.00	38.54 -0.15 0.00	40.59 -0.12 0.00	41.11 -0.58 0.00	46.94 0.00 0.00	47.18 0.37 0.00	46.60 0.09 0.00	42.26 -0.60 0.00	37.68 -0.89 0.00	37.00 0.26 0.00	34.05 0.20 0.00
RUSSELL___2 23532	30.73 -0.40 0.00	28.13 -0.31 0.00	26.34 -0.08 0.00	25.80 -0.18 0.00	26.52 0.00 0.00	30.51 0.21 0.00	37.04 -0.04 0.00	38.77 0.08 0.00	40.17 -0.16 0.00	40.52 0.08 0.00	40.36 0.20 0.00	40.16 0.00 0.00	38.53 0.27 0.00	39.63 -0.08 0.00	38.54 -0.15 0.00	40.59 -0.12 0.00	41.11 -0.58 0.00	46.94 0.00 0.00	47.18 0.37 0.00	46.60 0.09 0.00	42.26 -0.60 0.00	37.68 -0.89 0.00	37.00 0.26 0.00	34.05 0.20 0.00
RUSSELL___3 23549	30.73 -0.40 0.00	28.13 -0.31 0.00	26.34 -0.08 0.00	25.80 -0.18 0.00	26.52 0.00 0.00	30.51 0.21 0.00	37.04 -0.04 0.00	38.77 0.08 0.00	40.17 -0.16 0.00	40.52 0.08 0.00	40.36 0.20 0.00	40.16 0.00 0.00	38.53 0.27 0.00	39.63 -0.08 0.00	38.54 -0.15 0.00	40.59 -0.12 0.00	41.11 -0.58 0.00	46.94 0.00 0.00	47.18 0.37 0.00	46.60 0.09 0.00	42.26 -0.60 0.00	37.68 -0.89 0.00	37.00 0.26 0.00	34.05 0.20 0.00
RUSSELL___4 23556	30.73 -0.40 0.00	28.13 -0.31 0.00	26.34 -0.08 0.00	25.80 -0.18 0.00	26.52 0.00 0.00	30.51 0.21 0.00	37.04 -0.04 0.00	38.77 0.08 0.00	40.17 -0.16 0.00	40.52 0.08 0.00	40.36 0.20 0.00	40.16 0.00 0.00	38.53 0.27 0.00	39.63 -0.08 0.00	38.54 -0.15 0.00	40.59 -0.12 0.00	41.11 -0.58 0.00	46.94 0.00 0.00	47.18 0.37 0.00	46.60 0.09 0.00	42.26 -0.60 0.00	37.68 -0.89 0.00	37.00 0.26 0.00	34.05 0.20 0.00
RUSSELL___STATION 23914	30.73 -0.40 0.00	28.13 -0.31 0.00	26.34 -0.08 0.00	25.80 -0.18 0.00	26.52 0.00 0.00	30.51 0.21 0.00	37.04 -0.04 0.00	38.77 0.08 0.00	40.17 -0.16 0.00	40.52 0.08 0.00	40.36 0.20 0.00	40.16 0.00 0.00	38.53 0.27 0.00	39.63 -0.08 0.00	38.54 -0.15 0.00	40.59 -0.12 0.00	41.11 -0.58 0.00	46.94 0.00 0.00	47.18 0.37 0.00	46.60 0.09 0.00	42.26 -0.60 0.00	37.68 -0.89 0.00	37.00 0.26 0.00	34.05 0.20 0.00
S SALMON___HYD 24043	29.51 0.44 2.07	27.07 0.34 1.72	25.32 0.37 1.46	24.91 0.36 1.43	25.46 0.40 1.46	29.18 0.55 1.67	36.93 0.85 1.01	39.54 0.85 0.00	41.14 0.81 0.00	41.37 0.93 0.00	40.84 0.68 0.00	40.76 0.60 0.00	38.72 0.46 0.00	40.15 0.44 0.00	39.08 0.39 0.00	41.00 0.29 0.00	42.07 0.37 0.00	47.36 0.42 0.00	47.46 0.65 0.00	47.21 0.70 0.00	43.46 0.60 0.00	39.11 0.54 0.00	37.69 0.95 0.00	34.46 0.61 0.00
S.PERRY__115KV_TB1 80734	31.54 0.40 0.00	28.87 0.43 0.00	27.07 0.66 0.00	26.55 0.57 0.00	27.29 0.77 0.00	31.45 1.15 0.00	37.12 0.04 0.00	39.08 0.39 0.00	40.17 -0.16 0.00	40.28 -0.16 0.00	39.92 -0.24 0.00	39.76 -0.40 0.00	38.00 -0.27 0.00	39.15 -0.56 0.00	38.04 -0.66 0.00	40.22 -0.49 0.00	40.94 -0.75 0.00	46.98 0.05 0.00	47.41 0.61 0.00	46.93 0.42 0.00	42.65 -0.21 0.00	37.92 -0.66 0.00	37.18 0.44 0.00	35.20 1.35 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.23 -0.90 0.00	27.76 -0.68 0.00	26.18 -0.24 0.00	25.56 -0.42 0.00	26.31 -0.21 0.00	30.24 -0.06 0.00	36.49 -0.59 0.00	38.23 -0.46 0.00	39.45 -0.89 0.00	39.63 -0.81 0.00	39.67 -0.48 0.00	39.63 -0.52 0.00	38.03 -0.23 0.00	39.11 -0.60 0.00	37.96 -0.74 0.00	40.14 -0.57 0.00	40.40 -1.29 0.00	46.28 -0.66 0.00	46.62 -0.19 0.00	45.95 -0.56 0.00	41.40 -1.46 0.00	36.80 -1.77 0.00	36.55 -0.18 0.00	33.81 -0.03 0.00

SAWYER___23_KV_LOAD 55526	30.23 -0.90 0.00	27.76 -0.68 0.00	26.18 -0.24 0.00	25.56 -0.42 0.00	26.31 -0.21 0.00	30.24 -0.06 0.00	36.49 -0.59 0.00	38.23 -0.46 0.00	39.45 -0.89 0.00	39.63 -0.81 0.00	39.67 -0.48 0.00	39.63 -0.52 0.00	38.03 -0.23 0.00	39.11 -0.60 0.00	37.96 -0.74 0.00	40.14 -0.57 0.00	40.40 -1.29 0.00	46.28 -0.66 0.00	46.62 -0.19 0.00	45.95 -0.56 0.00	41.40 -1.46 0.00	36.80 -1.77 0.00	36.55 -0.18 0.00	33.81 -0.03 0.00
SELKIRK___I 23801	31.09 0.90 0.95	27.93 0.88 1.40	27.18 0.77 0.00	26.73 0.75 0.00	27.26 0.74 0.00	31.09 0.79 0.00	38.12 1.04 0.00	39.51 0.81 0.00	41.06 0.73 0.00	41.17 0.73 0.00	40.88 0.72 0.00	40.84 0.68 0.00	38.80 0.54 0.00	40.26 0.56 0.00	39.24 0.54 0.00	41.36 0.65 0.00	42.48 0.79 0.00	48.02 1.08 0.00	47.88 1.08 0.00	47.62 1.11 0.00	43.93 1.07 0.00	39.54 0.96 0.00	37.47 0.73 0.00	34.59 0.74 0.00
SELKIRK___II 23799	30.50 0.78 1.41	27.09 0.74 2.09	27.05 0.63 0.00	26.58 0.60 0.00	27.13 0.61 0.00	30.94 0.64 0.00	37.89 0.81 0.00	39.31 0.62 0.00	40.86 0.52 0.00	40.92 0.49 0.00	40.68 0.52 0.00	40.64 0.48 0.00	38.65 0.38 0.00	40.15 0.44 0.00	39.08 0.39 0.00	41.20 0.49 0.00	42.36 0.67 0.00	47.78 0.85 0.00	47.65 0.84 0.00	47.39 0.88 0.00	43.72 0.86 0.00	39.34 0.77 0.00	37.21 0.48 0.00	34.39 0.54 0.00
SENECA OSWGO___HYD 24041	30.84 0.53 0.82	28.21 0.45 0.69	26.31 0.48 0.58	25.90 0.49 0.57	26.41 0.48 0.58	30.27 0.64 0.67	37.53 0.85 0.40	39.54 0.85 0.00	41.06 0.73 0.00	41.33 0.89 0.00	40.92 0.76 0.00	40.92 0.76 0.00	38.95 0.69 0.00	40.38 0.67 0.00	39.35 0.66 0.00	41.32 0.61 0.00	42.40 0.71 0.00	47.73 0.80 0.00	47.74 0.94 0.00	47.44 0.93 0.00	43.63 0.77 0.00	39.15 0.58 0.00	37.73 0.99 0.00	34.53 0.68 0.00
SENECA___115KV_TB3 355854	30.58 -0.56 0.00	28.04 -0.40 0.00	26.49 0.08 0.00	25.85 -0.13 0.00	26.63 0.11 0.00	30.64 0.33 0.00	37.01 -0.07 0.00	38.92 0.23 0.00	40.17 -0.16 0.00	40.28 -0.16 0.00	40.40 0.24 0.00	40.36 0.20 0.00	38.72 0.46 0.00	39.87 0.16 0.00	38.70 0.00 0.00	40.87 0.16 0.00	41.19 -0.50 0.00	47.17 0.23 0.00	47.51 0.70 0.00	46.88 0.37 0.00	42.22 -0.64 0.00	37.45 -1.12 0.00	37.18 0.44 0.00	34.32 0.47 0.00
SENECA___ENERGY 23797	31.04 -0.09 0.00	28.36 -0.09 0.00	26.47 0.05 0.00	26.06 0.08 0.00	26.63 0.11 0.00	30.54 0.24 0.00	37.30 0.22 0.00	39.12 0.43 0.00	40.58 0.24 0.00	40.80 0.36 0.00	40.48 0.32 0.00	40.44 0.28 0.00	38.57 0.30 0.00	39.91 0.20 0.00	38.89 0.19 0.00	40.87 0.16 0.00	42.20 0.50 0.00	47.41 0.47 0.00	47.51 0.70 0.00	47.11 0.60 0.00	43.12 0.26 0.00	38.50 -0.08 0.00	37.14 0.40 0.00	34.09 0.24 0.00
SHOEMAKER___GT 23640	32.38 1.25 0.00	29.61 1.17 0.00	27.47 1.06 0.00	27.02 1.04 0.00	27.58 1.06 0.00	31.45 1.15 0.00	38.49 1.41 0.00	40.16 1.47 0.00	41.59 1.25 0.00	41.53 1.09 0.00	41.36 1.20 0.00	41.36 1.20 0.00	39.49 1.22 0.00	39.76 1.27 1.22	39.32 1.35 0.73	40.37 1.42 1.76	37.26 1.83 6.27	40.42 2.11 8.63	43.14 2.11 5.77	43.84 2.00 4.67	40.59 1.84 4.11	39.38 1.47 0.65	37.88 1.14 0.00	35.00 1.15 0.00
SHOEMAKR_138KV_BK 111 55601	32.38 1.25 0.00	29.61 1.17 0.00	27.47 1.06 0.00	27.05 1.07 0.00	27.58 1.06 0.00	31.45 1.15 0.00	38.45 1.37 0.00	40.16 1.47 0.00	41.59 1.25 0.00	41.57 1.13 0.00	41.36 1.20 0.00	41.40 1.24 0.00	39.53 1.26 0.00	39.86 1.31 1.16	39.35 1.35 0.70	40.45 1.42 1.69	37.54 1.83 5.99	40.84 2.16 8.25	43.35 2.06 5.52	44.04 2.00 4.46	40.77 1.84 3.93	39.45 1.50 0.62	37.88 1.14 0.00	35.00 1.15 0.00
SHOREHAM_IC_1 23715	36.73 1.37 -4.23	32.43 1.22 -2.77	31.63 1.29 -3.93	30.87 1.17 -3.72	31.82 1.22 -4.08	35.68 1.36 -4.02	38.75 1.67 0.00	40.28 1.59 0.00	41.30 0.97 0.00	41.12 0.69 0.00	41.44 1.28 0.00	41.97 1.81 -0.01	39.91 1.64 0.00	42.70 1.87 -1.12	41.46 2.09 -0.67	44.33 1.99 -1.63	49.93 2.46 -5.78	58.00 3.10 -7.96	55.13 3.00 -5.32	53.61 2.79 -4.31	49.09 2.44 -3.79	42.04 2.28 -1.19	37.47 0.73 0.00	35.53 1.18 -0.50
SHOREHAM_IC_2 23716	36.73 1.37 -4.23	32.43 1.22 -2.77	31.63 1.29 -3.93	30.87 1.17 -3.72	31.82 1.22 -4.08	35.68 1.36 -4.02	38.75 1.67 0.00	40.28 1.59 0.00	41.30 0.97 0.00	41.12 0.69 0.00	41.44 1.28 0.00	41.97 1.81 -0.01	39.91 1.64 0.00	42.70 1.87 -1.12	41.46 2.09 -0.67	44.33 1.99 -1.63	49.93 2.46 -5.78	58.00 3.10 -7.96	55.13 3.00 -5.32	53.61 2.79 -4.31	49.09 2.44 -3.79	42.04 2.28 -1.19	37.47 0.73 0.00	35.53 1.18 -0.50
SISSONVILLE____ 23735	10.53 -1.03 19.58	11.23 -0.94 16.27	11.69 -0.90 13.83	11.58 -0.86 13.54	11.79 -0.88 13.86	13.50 -0.97 15.83	26.50 -1.04 9.54	37.56 -1.12 0.01	39.65 -0.69 0.00	39.75 -0.69 0.00	39.35 -0.80 0.00	39.15 -1.00 0.00	37.27 -0.99 0.00	38.44 -1.27 0.00	37.19 -1.51 0.00	39.12 -1.59 0.00	39.94 -1.75 0.00	44.87 -2.07 0.00	45.07 -1.73 0.00	44.93 -1.58 0.00	41.66 -1.20 0.00	37.76 -0.81 0.00	36.22 -0.51 0.00	33.54 -0.30 0.00
SITHE_IND_GS1 24169	30.58 -0.56 0.00	27.93 -0.51 0.00	25.97 -0.45 0.00	25.54 -0.44 0.00	26.07 -0.45 0.00	29.85 -0.45 0.00	36.49 -0.59 0.00	38.11 -0.58 0.00	39.69 -0.65 0.00	39.83 -0.61 0.00	39.51 -0.64 0.00	39.51 -0.64 0.00	37.65 -0.61 0.00	39.03 -0.68 0.00	38.04 -0.66 0.00	39.98 -0.73 0.00	41.07 -0.62 0.00	46.14 -0.80 0.00	46.06 -0.75 0.00	45.76 -0.75 0.00	42.13 -0.73 0.00	37.84 -0.73 0.00	36.22 -0.51 0.00	33.27 -0.58 0.00
SITHE_IND_GS2 24170	30.58 -0.56 0.00	27.93 -0.51 0.00	25.97 -0.45 0.00	25.54 -0.44 0.00	26.07 -0.45 0.00	29.85 -0.45 0.00	36.49 -0.59 0.00	38.11 -0.58 0.00	39.69 -0.65 0.00	39.83 -0.61 0.00	39.51 -0.64 0.00	39.51 -0.64 0.00	37.65 -0.61 0.00	39.03 -0.68 0.00	38.04 -0.66 0.00	39.98 -0.73 0.00	41.07 -0.62 0.00	46.14 -0.80 0.00	46.06 -0.75 0.00	45.76 -0.75 0.00	42.13 -0.73 0.00	37.84 -0.73 0.00	36.22 -0.51 0.00	33.27 -0.58 0.00
SITHE_IND_GS3 24171	30.58 -0.56 0.00	27.93 -0.51 0.00	25.97 -0.45 0.00	25.54 -0.44 0.00	26.07 -0.45 0.00	29.85 -0.45 0.00	36.49 -0.59 0.00	38.11 -0.58 0.00	39.69 -0.65 0.00	39.83 -0.61 0.00	39.51 -0.64 0.00	39.51 -0.64 0.00	37.65 -0.61 0.00	39.03 -0.68 0.00	38.04 -0.66 0.00	39.98 -0.73 0.00	41.07 -0.62 0.00	46.14 -0.80 0.00	46.06 -0.75 0.00	45.76 -0.75 0.00	42.13 -0.73 0.00	37.84 -0.73 0.00	36.22 -0.51 0.00	33.27 -0.58 0.00
SITHE_IND_GS4 24172	30.58 -0.56 0.00	27.93 -0.51 0.00	25.97 -0.45 0.00	25.54 -0.44 0.00	26.07 -0.45 0.00	29.85 -0.45 0.00	36.49 -0.59 0.00	38.11 -0.58 0.00	39.69 -0.65 0.00	39.83 -0.61 0.00	39.51 -0.64 0.00	39.51 -0.64 0.00	37.65 -0.61 0.00	39.03 -0.68 0.00	38.04 -0.66 0.00	39.98 -0.73 0.00	41.07 -0.62 0.00	46.14 -0.80 0.00	46.06 -0.75 0.00	45.76 -0.75 0.00	42.13 -0.73 0.00	37.84 -0.73 0.00	36.22 -0.51 0.00	33.27 -0.58 0.00

SITHE___BATAVIA 24024	30.73 -0.41 0.00	28.19 -0.26 0.00	26.52 0.11 0.00	26.11 0.13 0.00	26.68 0.16 0.00	30.76 0.46 0.00	37.34 0.26 0.00	39.08 0.39 0.00	40.50 0.16 0.00	40.64 0.20 0.00	40.52 0.36 0.00	40.40 0.24 0.00	38.68 0.42 0.00	39.79 0.08 0.00	38.73 0.04 0.00	40.71 0.00 0.00	42.53 0.83 0.00	47.13 0.19 0.00	47.51 0.70 0.00	47.11 0.60 0.00	42.60 -0.26 0.00	37.80 -0.77 0.00	37.43 0.70 0.00	34.36 0.51 0.00
SITHE___INDEPEND 23800	30.58 -0.56 0.00	27.93 -0.51 0.00	25.97 -0.45 0.00	25.54 -0.44 0.00	26.07 -0.45 0.00	29.85 -0.45 0.00	36.49 -0.59 0.00	38.11 -0.58 0.00	39.69 -0.65 0.00	39.83 -0.61 0.00	39.51 -0.64 0.00	39.51 -0.64 0.00	37.65 -0.61 0.00	39.03 -0.68 0.00	38.04 -0.66 0.00	39.98 -0.73 0.00	40.90 -0.79 0.00	46.14 -0.80 0.00	46.06 -0.75 0.00	45.76 -0.74 0.00	42.09 -0.77 0.00	37.84 -0.73 0.00	36.19 -0.55 0.00	33.27 -0.58 0.00
SITHE___MASSENA 23902	6.51 -0.90 23.72	7.93 -0.80 19.71	8.89 -0.77 16.75	8.84 -0.73 16.41	8.96 -0.77 16.79	10.24 -0.88 19.18	24.48 -1.04 11.56	37.53 -1.16 0.01	39.57 -0.77 0.00	39.63 -0.81 0.00	39.31 -0.85 0.00	39.27 -0.88 0.00	37.46 -0.81 0.00	38.83 -0.87 0.00	37.73 -0.97 0.00	39.73 -0.98 0.00	40.44 -1.25 0.00	45.62 -1.31 0.00	45.82 -0.99 0.00	45.62 -0.89 0.00	42.13 -0.73 0.00	38.07 -0.50 0.00	36.33 -0.40 0.00	33.58 -0.27 0.00
SITHE___OGDNSBRG 24021	9.27 -0.69 21.19	10.24 -0.60 17.61	10.87 -0.58 14.96	10.78 -0.55 14.66	10.94 -0.58 14.99	12.53 -0.64 17.13	26.13 -0.63 10.32	38.03 -0.66 0.01	40.09 -0.24 0.00	40.15 -0.28 0.00	39.71 -0.44 0.00	39.55 -0.60 0.00	37.69 -0.57 0.00	38.99 -0.71 0.00	37.77 -0.93 0.00	39.77 -0.94 0.00	40.65 -1.04 0.00	45.72 -1.22 0.00	46.01 -0.80 0.00	45.90 -0.60 0.00	42.43 -0.43 0.00	38.38 -0.19 0.00	36.70 -0.04 0.00	33.88 0.03 0.00
SITHE___STERLING 23777	32.07 0.93 0.00	29.27 0.83 0.00	27.18 0.77 0.00	26.76 0.78 0.00	27.34 0.82 0.00	31.30 1.00 0.00	38.41 1.33 0.00	40.24 1.55 0.00	41.87 1.53 0.00	42.01 1.58 0.00	41.60 1.44 0.00	41.56 1.40 0.00	39.49 1.22 0.00	41.06 1.35 0.00	39.90 1.20 0.00	41.93 1.22 0.00	43.03 1.33 0.00	48.53 1.60 0.00	48.49 1.68 0.00	48.28 1.77 0.00	44.36 1.50 0.00	39.81 1.23 0.00	38.02 1.29 0.00	34.83 0.98 0.00
SLEIGHT__34_KV_TB1 80719	30.64 -0.50 0.00	28.02 -0.43 0.00	26.18 -0.24 0.00	25.69 -0.29 0.00	26.36 -0.16 0.00	30.27 -0.03 0.00	36.89 -0.19 0.00	38.69 0.00 0.00	40.09 -0.24 0.00	40.48 0.04 0.00	40.24 0.08 0.00	40.12 -0.04 0.00	38.34 0.08 0.00	39.59 -0.12 0.00	38.50 -0.19 0.00	40.51 -0.20 0.00	41.11 -0.58 0.00	46.80 -0.14 0.00	46.95 0.14 0.00	46.46 -0.05 0.00	42.30 -0.56 0.00	37.76 -0.81 0.00	36.77 0.04 0.00	33.78 -0.07 0.00
SOUTH CAIRO___GT 23612	31.72 1.62 1.04	28.44 1.54 1.54	27.66 1.24 0.00	27.25 1.27 0.00	27.79 1.27 0.00	31.67 1.36 0.00	39.08 2.00 0.00	40.05 1.35 0.00	41.87 1.53 0.00	41.81 1.37 0.00	41.36 1.20 0.00	41.12 0.96 0.00	38.99 0.73 0.00	40.30 0.60 0.00	39.39 0.70 0.00	41.57 0.85 0.00	42.90 1.21 0.00	48.72 1.78 0.00	48.91 2.11 0.00	48.65 2.14 0.00	44.79 1.93 0.00	40.15 1.58 0.00	37.99 1.25 0.00	35.17 1.32 0.00
SOUTH HAMPTN___IC 23720	37.08 1.71 -4.23	32.74 1.53 -2.77	31.98 1.64 -3.93	31.21 1.51 -3.72	32.19 1.59 -4.08	36.11 1.79 -4.02	39.27 2.19 0.00	40.86 2.17 0.00	41.83 1.49 0.00	41.69 1.25 0.00	42.04 1.89 0.00	42.53 2.37 -0.01	40.40 2.14 0.00	43.21 2.38 -1.12	41.92 2.55 -0.67	44.82 2.48 -1.63	50.39 2.92 -5.78	58.52 3.61 -7.96	55.54 3.42 -5.32	54.02 3.21 -4.31	49.40 2.75 -3.79	42.31 2.55 -1.19	37.62 0.88 0.00	35.70 1.36 -0.50
SOUTHDOW_115KV_TB1 355954	31.17 0.03 0.00	28.61 0.17 0.00	27.23 0.82 0.00	26.60 0.62 0.00	27.42 0.90 0.00	31.58 1.27 0.00	38.34 1.26 0.00	40.82 2.13 0.00	42.07 1.73 0.00	42.14 1.70 0.00	42.28 2.13 0.00	42.24 2.09 0.00	40.48 2.22 0.00	41.85 2.14 0.00	40.55 1.86 0.00	42.75 2.04 0.00	43.28 1.58 0.00	49.42 2.49 0.00	49.80 3.00 0.00	49.21 2.70 0.00	44.19 1.33 0.00	39.15 0.58 0.00	38.61 1.87 0.00	35.44 1.59 0.00
SOUTHOLD_69_KV_BK 2 55809	37.35 1.99 -4.22	33.02 1.82 -2.76	32.29 1.95 -3.92	31.59 1.90 -3.72	32.55 1.96 -4.07	36.52 2.21 -4.01	39.75 2.67 0.00	41.40 2.71 0.00	42.51 2.18 0.00	42.22 1.78 0.00	42.41 2.25 0.00	42.97 2.81 0.00	40.75 2.49 0.00	43.45 2.62 -1.12	42.15 2.79 -0.67	44.99 2.65 -1.63	50.56 3.09 -5.78	58.52 3.61 -7.96	55.41 3.28 -5.32	53.89 3.07 -4.31	49.39 2.74 -3.79	42.30 2.55 -1.18	37.58 0.84 0.00	35.62 1.29 -0.49
SOUTHOLD___IC 23719	37.36 1.99 -4.23	33.03 1.82 -2.77	32.30 1.95 -3.93	31.55 1.84 -3.72	32.56 1.96 -4.08	36.53 2.21 -4.02	39.75 2.67 0.00	41.36 2.67 0.00	42.27 1.94 0.00	42.10 1.66 0.00	42.40 2.25 0.00	42.90 2.73 -0.01	40.68 2.41 0.00	43.45 2.62 -1.12	42.16 2.79 -0.67	44.98 2.64 -1.63	50.52 3.04 -5.78	58.66 3.76 -7.96	55.54 3.42 -5.32	54.02 3.21 -4.31	49.31 2.66 -3.79	42.27 2.51 -1.19	37.47 0.73 0.00	35.63 1.29 -0.50
SOUTH_FORK_WT_PWR 323839	37.27 1.90 -4.23	32.97 1.76 -2.77	32.27 1.93 -3.93	31.55 1.84 -3.72	32.56 1.96 -4.08	36.50 2.18 -4.02	39.71 2.63 0.00	41.29 2.59 0.00	42.11 1.77 0.00	41.89 1.45 0.00	42.12 1.97 0.00	42.57 2.41 -0.01	40.33 2.06 0.00	43.05 2.22 -1.12	41.73 2.36 -0.67	44.50 2.16 -1.63	49.98 2.50 -5.78	58.05 3.15 -7.96	54.84 2.71 -5.32	53.33 2.51 -4.31	48.67 2.01 -3.79	41.73 1.97 -1.19	36.92 0.18 0.00	35.16 0.81 -0.50
SPIERFLS_115KV_TB 1 80737	33.66 2.09 -0.44	31.06 1.96 -0.65	28.18 1.77 0.00	27.70 1.71 0.00	28.30 1.78 0.00	32.24 1.94 0.00	39.71 2.63 0.00	41.17 2.48 0.00	43.00 2.66 0.00	43.27 2.83 0.00	43.01 2.85 0.00	42.93 2.77 0.00	40.71 2.45 0.00	42.21 2.50 0.00	41.09 2.40 0.00	43.24 2.52 0.00	44.40 2.71 0.00	50.32 3.38 0.00	50.27 3.46 0.00	50.04 3.53 0.00	46.07 3.21 0.00	41.31 2.74 0.00	39.05 2.31 0.00	35.85 2.00 0.00
ST LAWRENCE____ 23600	5.31 -1.09 24.74	6.82 -1.00 20.62	7.94 -0.95 17.53	7.88 -0.93 17.17	8.00 -0.95 17.56	9.10 -1.12 20.08	23.65 -1.33 12.10	37.21 -1.47 0.01	39.16 -1.17 0.00	39.26 -1.17 0.00	38.95 -1.20 0.00	38.95 -1.20 0.00	37.15 -1.11 0.00	38.55 -1.15 0.00	37.50 -1.20 0.00	39.49 -1.22 0.00	40.19 -1.50 0.00	45.29 -1.64 0.00	45.50 -1.31 0.00	45.25 -1.25 0.00	41.79 -1.07 0.00	37.76 -0.81 0.00	36.00 -0.73 0.00	33.24 -0.61 0.00
STATE_CA_115KV_115_LB 55624	32.03 0.81 -0.08	29.33 0.77 -0.12	27.05 0.63 0.00	26.60 0.62 0.00	27.16 0.64 0.00	30.97 0.67 0.00	37.93 0.85 0.00	39.39 0.70 0.00	40.94 0.61 0.00	41.04 0.61 0.00	40.80 0.64 0.00	40.80 0.64 0.00	38.80 0.54 0.00	40.30 0.60 0.00	39.28 0.58 0.00	41.36 0.65 0.00	42.49 0.79 0.00	47.97 1.03 0.00	47.79 0.98 0.00	47.58 1.07 0.00	43.85 0.99 0.00	39.46 0.89 0.00	37.29 0.55 0.00	34.42 0.58 0.00

STATE_ST_34_KV_LOAD 55959	31.26 0.12 0.00	28.56 0.11 0.00	26.60 0.18 0.00	26.14 0.16 0.00	26.71 0.19 0.00	30.61 0.30 0.00	37.41 0.33 0.00	39.23 0.54 0.00	40.74 0.40 0.00	40.96 0.53 0.00	40.64 0.48 0.00	40.60 0.44 0.00	38.68 0.42 0.00	40.10 0.40 0.00	39.04 0.35 0.00	41.08 0.37 0.00	41.94 0.25 0.00	47.50 0.56 0.00	47.60 0.80 0.00	47.21 0.70 0.00	43.29 0.43 0.00	38.76 0.19 0.00	37.22 0.48 0.00	34.15 0.30 0.00
STATION 5_MISC_HYD 23604	30.61 -0.53 0.00	28.04 -0.40 0.00	26.26 -0.16 0.00	25.85 -0.13 0.00	26.41 -0.11 0.00	30.39 0.09 0.00	36.97 -0.11 0.00	38.58 -0.12 0.00	40.06 -0.28 0.00	40.32 -0.12 0.00	40.12 -0.04 0.00	40.04 -0.12 0.00	38.34 0.08 0.00	39.43 -0.28 0.00	38.46 -0.23 0.00	40.38 -0.33 0.00	41.99 0.29 0.00	46.70 -0.23 0.00	46.90 0.09 0.00	46.51 0.00 0.00	42.26 -0.60 0.00	37.65 -0.93 0.00	36.92 0.18 0.00	33.92 0.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.98 -0.16 0.00	28.36 -0.09 0.00	26.49 0.08 0.00	26.01 0.03 0.00	26.68 0.16 0.00	30.67 0.36 0.00	37.34 0.26 0.00	39.20 0.50 0.00	40.62 0.28 0.00	40.96 0.53 0.00	40.72 0.56 0.00	40.56 0.40 0.00	38.80 0.54 0.00	40.03 0.32 0.00	38.93 0.23 0.00	40.96 0.24 0.00	41.65 -0.04 0.00	47.41 0.47 0.00	47.60 0.80 0.00	47.07 0.56 0.00	42.86 0.00 0.00	38.22 -0.35 0.00	37.25 0.51 0.00	34.22 0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.48 -0.65 0.00	27.90 -0.54 0.00	26.10 -0.32 0.00	25.59 -0.39 0.00	26.31 -0.21 0.00	30.24 -0.06 0.00	36.71 -0.37 0.00	38.42 -0.27 0.00	39.81 -0.52 0.00	40.15 -0.28 0.00	40.00 -0.16 0.00	39.84 -0.32 0.00	38.19 -0.08 0.00	39.31 -0.40 0.00	38.23 -0.46 0.00	40.26 -0.45 0.00	40.78 -0.92 0.00	46.51 -0.42 0.00	46.71 -0.09 0.00	46.14 -0.37 0.00	41.92 -0.94 0.00	37.38 -1.20 0.00	36.66 -0.07 0.00	33.75 -0.10 0.00
STA_56___34_KV_BUS2 355983	30.48 -0.65 0.00	27.90 -0.54 0.00	26.10 -0.32 0.00	25.59 -0.39 0.00	26.31 -0.21 0.00	30.24 -0.06 0.00	36.71 -0.37 0.00	38.42 -0.27 0.00	39.81 -0.52 0.00	40.15 -0.28 0.00	40.00 -0.16 0.00	39.84 -0.32 0.00	38.19 -0.08 0.00	39.31 -0.40 0.00	38.23 -0.46 0.00	40.26 -0.45 0.00	40.78 -0.92 0.00	46.51 -0.42 0.00	46.71 -0.09 0.00	46.14 -0.37 0.00	41.92 -0.94 0.00	37.38 -1.20 0.00	36.66 -0.07 0.00	33.75 -0.10 0.00
STA_67___115KV_BK2 355882	30.58 -0.56 0.00	27.99 -0.46 0.00	26.20 -0.21 0.00	25.67 -0.31 0.00	26.39 -0.13 0.00	30.33 0.03 0.00	36.82 -0.26 0.00	38.50 -0.19 0.00	39.89 -0.44 0.00	40.20 -0.24 0.00	40.04 -0.12 0.00	39.88 -0.28 0.00	38.22 -0.04 0.00	39.35 -0.36 0.00	38.27 -0.43 0.00	40.30 -0.41 0.00	40.82 -0.88 0.00	46.56 -0.38 0.00	46.81 0.00 0.00	46.23 -0.28 0.00	41.96 -0.90 0.00	37.41 -1.16 0.00	36.74 0.00 0.00	33.85 0.00 0.00
STA_7___115KV_9TRANS 80674	30.73 -0.40 0.00	28.13 -0.31 0.00	26.34 -0.08 0.00	25.80 -0.18 0.00	26.52 0.00 0.00	30.51 0.21 0.00	37.04 -0.04 0.00	38.77 0.08 0.00	40.17 -0.16 0.00	40.52 0.08 0.00	40.36 0.20 0.00	40.16 0.00 0.00	38.53 0.27 0.00	39.63 -0.08 0.00	38.54 -0.15 0.00	40.59 -0.12 0.00	41.11 -0.58 0.00	46.94 0.00 0.00	47.18 0.37 0.00	46.60 0.09 0.00	42.26 -0.60 0.00	37.68 -0.89 0.00	37.00 0.26 0.00	34.05 0.20 0.00
STA_82___115KV_TB1 80780	30.58 -0.56 0.00	27.99 -0.46 0.00	26.20 -0.21 0.00	25.69 -0.29 0.00	26.39 -0.13 0.00	30.33 0.03 0.00	36.82 -0.26 0.00	38.54 -0.15 0.00	39.89 -0.44 0.00	40.20 -0.24 0.00	40.04 -0.12 0.00	39.88 -0.28 0.00	38.26 0.00 0.00	39.35 -0.36 0.00	38.27 -0.43 0.00	40.30 -0.41 0.00	40.82 -0.88 0.00	46.61 -0.33 0.00	46.81 0.00 0.00	46.23 -0.28 0.00	42.00 -0.86 0.00	37.45 -1.12 0.00	36.77 0.04 0.00	33.85 0.00 0.00
STEEL___WIND 323596	30.54 -0.59 0.00	28.02 -0.43 0.00	26.49 0.08 0.00	26.08 0.10 0.00	26.60 0.08 0.00	30.61 0.30 0.00	37.08 0.00 0.00	38.89 0.19 0.00	40.26 -0.08 0.00	40.28 -0.16 0.00	40.36 0.20 0.00	40.40 0.24 0.00	38.65 0.38 0.00	39.83 0.12 0.00	38.73 0.04 0.00	40.83 0.12 0.00	42.61 0.92 0.00	47.13 0.19 0.00	47.46 0.65 0.00	47.02 0.51 0.00	42.43 -0.43 0.00	37.61 -0.96 0.00	37.29 0.55 0.00	34.29 0.44 0.00
STEPHTWN_115KV_BK_2 55603	30.40 1.03 1.77	26.80 0.97 2.61	27.23 0.82 0.00	26.79 0.81 0.00	27.32 0.80 0.00	31.15 0.85 0.00	38.23 1.15 0.00	39.66 0.97 0.00	41.22 0.89 0.00	41.33 0.89 0.00	41.08 0.92 0.00	41.04 0.88 0.00	38.99 0.73 0.00	40.46 0.75 0.00	39.43 0.74 0.00	41.53 0.81 0.00	42.74 1.04 0.00	48.30 1.36 0.00	48.16 1.36 0.00	47.95 1.44 0.00	44.19 1.33 0.00	39.69 1.12 0.00	37.55 0.81 0.00	34.66 0.81 0.00
STEUBEN_REC_LFGE 323667	31.14 0.00 0.00	28.73 0.28 0.00	27.18 0.77 0.00	26.71 0.73 0.00	27.55 1.03 0.00	31.85 1.55 0.00	39.27 2.19 0.00	41.83 3.13 0.00	42.92 2.58 0.00	43.15 2.71 0.00	42.97 2.81 0.00	42.77 2.61 0.00	40.87 2.60 0.00	42.21 2.50 0.00	41.06 2.36 0.00	43.52 2.81 0.00	44.36 2.67 0.00	50.93 3.99 0.00	51.35 4.54 0.00	50.83 4.33 0.00	45.99 3.13 0.00	40.69 2.12 0.00	39.60 2.87 0.00	36.29 2.44 0.00
STILLWATER___SOLAR 323814	33.49 1.81 -0.54	30.95 1.71 -0.80	27.92 1.50 0.00	27.46 1.48 0.00	28.03 1.51 0.00	31.97 1.67 0.00	39.23 2.15 0.00	40.74 2.05 0.00	42.39 2.06 0.00	42.58 2.14 0.00	42.32 2.17 0.00	42.24 2.09 0.00	40.14 1.87 0.00	41.65 1.95 0.00	40.51 1.82 0.00	42.71 1.99 0.00	43.90 2.21 0.00	49.61 2.67 0.00	49.52 2.71 0.00	49.25 2.74 0.00	45.43 2.57 0.00	40.81 2.24 0.00	38.57 1.84 0.00	35.54 1.69 0.00
STONY___BROOK 24151	37.64 2.27 -4.23	33.26 2.05 -2.77	32.32 1.98 -3.93	31.58 1.87 -3.72	32.54 1.93 -4.08	36.50 2.18 -4.02	39.67 2.59 0.00	41.25 2.55 0.00	42.39 2.06 0.00	42.30 1.86 0.00	42.57 2.41 0.00	43.06 2.89 -0.01	40.98 2.72 0.00	43.81 2.98 -1.12	42.46 3.10 -0.67	45.47 3.14 -1.63	50.85 3.38 -5.78	58.98 4.08 -7.96	56.11 3.98 -5.32	54.58 3.77 -4.31	50.29 3.64 -3.79	43.00 3.24 -1.19	38.65 1.91 0.00	36.65 2.30 -0.50
STURGEON_POOL_HYD 23609	32.47 1.56 0.23	29.50 1.39 0.34	27.66 1.24 0.00	27.23 1.25 0.00	27.74 1.22 0.00	31.64 1.33 0.00	38.67 1.59 0.00	40.39 1.70 0.00	41.79 1.45 0.00	41.69 1.25 0.00	41.52 1.37 0.00	41.60 1.45 0.00	39.76 1.49 0.00	41.22 1.51 0.00	40.32 1.63 0.00	42.42 1.71 0.00	43.86 2.17 0.00	49.38 2.44 0.00	49.19 2.39 0.00	48.74 2.23 0.00	45.00 2.14 0.00	40.31 1.74 0.00	38.06 1.32 0.00	35.24 1.39 0.00
ST_LAW_115_BK7_LBMP 345037	5.41 -1.15 24.58	6.96 -1.05 20.43	8.08 -0.98 17.36	8.02 -0.96 17.00	8.12 -1.01 17.39	9.28 -1.15 19.88	23.73 -1.37 11.98	37.18 -1.51 0.01	39.13 -1.21 0.00	39.23 -1.21 0.00	38.91 -1.25 0.00	38.91 -1.25 0.00	37.12 -1.15 0.00	38.48 -1.23 0.00	37.46 -1.24 0.00	39.41 -1.30 0.00	40.11 -1.58 0.00	45.20 -1.74 0.00	45.45 -1.36 0.00	45.21 -1.30 0.00	41.74 -1.11 0.00	37.69 -0.89 0.00	35.96 -0.77 0.00	33.20 -0.64 0.00

ST_LAW_115_BK8_LBMP 345038	5.41 -1.15 24.58	6.96 -1.05 20.43	8.08 -0.98 17.36	8.02 -0.96 17.00	8.12 -1.01 17.39	9.28 -1.15 19.88	23.73 -1.37 11.98	37.18 -1.51 0.01	39.13 -1.21 0.00	39.23 -1.21 0.00	38.91 -1.25 0.00	38.91 -1.25 0.00	37.12 -1.15 0.00	38.48 -1.23 0.00	37.46 -1.24 0.00	39.41 -1.30 0.00	40.11 -1.58 0.00	45.20 -1.74 0.00	45.45 -1.36 0.00	45.21 -1.30 0.00	41.74 -1.11 0.00	37.69 -0.89 0.00	35.96 -0.77 0.00	33.20 -0.64 0.00
ST_LAW_230_BK5_LBMP 345035	4.95 -1.09 25.09	6.59 -1.00 20.85	7.74 -0.95 17.72	7.69 -0.93 17.36	7.81 -0.95 17.76	8.89 -1.12 20.29	23.52 -1.33 12.23	37.21 -1.47 0.01	39.16 -1.17 0.00	39.26 -1.17 0.00	38.95 -1.20 0.00	38.95 -1.20 0.00	37.15 -1.11 0.00	38.55 -1.15 0.00	37.50 -1.20 0.00	39.49 -1.22 0.00	40.19 -1.50 0.00	45.29 -1.64 0.00	45.50 -1.31 0.00	45.25 -1.25 0.00	41.79 -1.07 0.00	37.76 -0.81 0.00	36.00 -0.73 0.00	33.24 -0.61 0.00
ST_LAW_230_BK6_LBMP 345036	4.95 -1.09 25.09	6.59 -1.00 20.85	7.74 -0.95 17.72	7.69 -0.93 17.36	7.81 -0.95 17.76	8.89 -1.12 20.29	23.52 -1.33 12.23	37.21 -1.47 0.01	39.16 -1.17 0.00	39.26 -1.17 0.00	38.95 -1.20 0.00	38.95 -1.20 0.00	37.15 -1.11 0.00	38.55 -1.15 0.00	37.50 -1.20 0.00	39.49 -1.22 0.00	40.19 -1.50 0.00	45.29 -1.64 0.00	45.50 -1.31 0.00	45.25 -1.25 0.00	41.79 -1.07 0.00	37.76 -0.81 0.00	36.00 -0.73 0.00	33.24 -0.61 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.58 1.40 -0.05	29.82 1.31 -0.07	27.58 1.16 0.00	27.15 1.17 0.00	27.69 1.17 0.00	31.58 1.27 0.00	38.60 1.52 0.00	40.36 1.66 0.00	41.75 1.41 0.00	41.69 1.25 0.00	41.52 1.37 0.00	41.56 1.41 0.00	39.72 1.45 0.00	39.82 1.51 1.39	39.45 1.59 0.84	40.32 1.63 2.02	36.64 2.13 7.18	39.48 2.44 9.90	42.53 2.34 6.62	43.39 2.23 5.35	40.25 2.10 4.71	39.48 1.66 0.75	38.02 1.29 0.00	35.13 1.29 0.00
SWANROAD_115KV_TB1 355699	29.64 -1.49 0.00	27.19 -1.25 0.00	25.62 -0.79 0.00	24.99 -0.99 0.00	25.75 -0.77 0.00	29.61 -0.70 0.00	35.71 -1.37 0.00	37.26 -1.43 0.00	38.44 -1.90 0.00	38.62 -1.82 0.00	38.63 -1.53 0.00	38.59 -1.57 0.00	37.08 -1.19 0.00	38.04 -1.67 0.00	36.92 -1.78 0.00	39.04 -1.67 0.00	39.23 -2.46 0.00	45.01 -1.92 0.00	45.36 -1.45 0.00	44.69 -1.81 0.00	40.29 -2.57 0.00	35.79 -2.78 0.00	35.71 -1.03 0.00	33.07 -0.78 0.00
SYNERGY___BIOGAS 323694	30.73 -0.41 0.00	28.19 -0.26 0.00	26.52 0.11 0.00	26.11 0.13 0.00	26.68 0.16 0.00	30.76 0.46 0.00	37.34 0.26 0.00	39.08 0.39 0.00	40.50 0.16 0.00	40.64 0.20 0.00	40.52 0.36 0.00	40.40 0.24 0.00	38.68 0.42 0.00	39.79 0.08 0.00	38.73 0.04 0.00	40.71 0.00 0.00	42.53 0.83 0.00	47.13 0.19 0.00	47.51 0.70 0.00	47.11 0.60 0.00	42.60 -0.26 0.00	37.80 -0.77 0.00	37.43 0.70 0.00	34.36 0.51 0.00
SYRACUSE___ENERGY_ST1 323597	31.39 0.25 0.00	28.64 0.20 0.00	26.65 0.24 0.00	26.21 0.23 0.00	26.76 0.24 0.00	30.64 0.33 0.00	37.53 0.44 0.00	39.23 0.54 0.00	40.74 0.40 0.00	41.00 0.57 0.00	40.68 0.52 0.00	40.64 0.48 0.00	38.72 0.46 0.00	40.14 0.44 0.00	39.12 0.43 0.00	41.12 0.41 0.00	42.03 0.33 0.00	47.50 0.56 0.00	47.46 0.66 0.00	47.11 0.60 0.00	43.33 0.47 0.00	38.84 0.27 0.00	37.25 0.51 0.00	34.19 0.34 0.00
SYRACUSE___ENERGY_ST2 323598	31.39 0.25 0.00	28.64 0.20 0.00	26.65 0.24 0.00	26.21 0.23 0.00	26.76 0.24 0.00	30.64 0.33 0.00	37.53 0.44 0.00	39.23 0.54 0.00	40.74 0.40 0.00	41.00 0.57 0.00	40.68 0.52 0.00	40.64 0.48 0.00	38.72 0.46 0.00	40.14 0.44 0.00	39.12 0.43 0.00	41.12 0.41 0.00	42.03 0.33 0.00	47.50 0.56 0.00	47.46 0.66 0.00	47.11 0.60 0.00	43.33 0.47 0.00	38.84 0.27 0.00	37.25 0.51 0.00	34.19 0.34 0.00
SYRACUSE___POWER 24017	31.29 0.16 0.00	28.56 0.11 0.00	26.55 0.13 0.00	26.11 0.13 0.00	26.68 0.16 0.00	30.54 0.24 0.00	37.41 0.33 0.00	39.12 0.43 0.00	40.62 0.28 0.00	40.84 0.40 0.00	40.52 0.36 0.00	40.52 0.36 0.00	38.57 0.31 0.00	40.03 0.32 0.00	39.01 0.31 0.00	41.00 0.28 0.00	41.90 0.21 0.00	47.36 0.42 0.00	47.32 0.51 0.00	47.02 0.51 0.00	43.20 0.34 0.00	38.76 0.19 0.00	37.11 0.37 0.00	34.05 0.20 0.00
TALLMAN___138KV_BK151 55660	32.78 1.59 -0.05	30.00 1.48 -0.07	27.71 1.29 0.00	27.28 1.30 0.00	27.82 1.30 0.00	31.73 1.42 0.00	38.75 1.67 0.00	40.55 1.86 0.00	41.91 1.57 0.00	41.85 1.42 0.00	41.64 1.49 0.00	41.72 1.57 0.00	39.91 1.65 0.00	39.61 1.71 1.81	39.39 1.78 1.08	39.96 1.87 2.62	34.79 2.42 9.32	36.91 2.82 12.84	40.84 2.62 8.58	42.07 2.51 6.95	39.06 2.31 6.11	39.45 1.85 0.97	38.17 1.43 0.00	35.27 1.42 0.00
TEALLAVE_115KV_TB7 355573	31.20 0.06 0.00	28.50 0.06 0.00	26.49 0.08 0.00	26.06 0.08 0.00	26.63 0.11 0.00	30.45 0.15 0.00	37.30 0.22 0.00	38.96 0.27 0.00	40.50 0.16 0.00	40.72 0.28 0.00	40.40 0.24 0.00	40.40 0.24 0.00	38.45 0.19 0.00	39.91 0.20 0.00	38.89 0.19 0.00	40.87 0.16 0.00	41.78 0.08 0.00	47.17 0.23 0.00	47.13 0.33 0.00	46.79 0.28 0.00	43.03 0.17 0.00	38.61 0.04 0.00	37.00 0.26 0.00	33.95 0.10 0.00
TELGRAPH_34_KV_EAST 80808	30.33 -0.81 0.00	27.82 -0.63 0.00	26.18 -0.24 0.00	25.59 -0.39 0.00	26.36 -0.16 0.00	30.33 0.03 0.00	36.67 -0.41 0.00	38.42 -0.27 0.00	39.65 -0.69 0.00	39.87 -0.57 0.00	39.88 -0.28 0.00	39.71 -0.44 0.00	38.15 -0.11 0.00	39.19 -0.52 0.00	38.04 -0.66 0.00	40.18 -0.53 0.00	40.48 -1.21 0.00	46.37 -0.56 0.00	46.76 -0.05 0.00	46.09 -0.42 0.00	41.53 -1.33 0.00	36.91 -1.66 0.00	36.70 -0.04 0.00	33.88 0.03 0.00
TEMPLE___115KV_TB 2 55572	31.23 0.09 0.00	28.50 0.06 0.00	26.49 0.08 0.00	26.06 0.08 0.00	26.63 0.11 0.00	30.45 0.15 0.00	37.30 0.22 0.00	39.00 0.31 0.00	40.50 0.16 0.00	40.72 0.28 0.00	40.40 0.24 0.00	40.40 0.24 0.00	38.49 0.23 0.00	39.91 0.20 0.00	38.89 0.19 0.00	40.91 0.20 0.00	41.78 0.08 0.00	47.22 0.28 0.00	47.18 0.37 0.00	46.83 0.33 0.00	43.03 0.17 0.00	38.61 0.04 0.00	37.03 0.29 0.00	33.98 0.14 0.00
TIANA____69_KV_BK 1 55817	37.01 1.65 -4.22	32.68 1.48 -2.76	31.92 1.58 -3.92	31.18 1.48 -3.72	32.13 1.54 -4.07	36.04 1.73 -4.01	39.19 2.11 0.00	40.82 2.13 0.00	41.99 1.65 0.00	41.73 1.29 0.00	41.96 1.81 0.00	42.53 2.37 0.00	40.44 2.18 0.00	43.17 2.34 -1.12	41.92 2.55 -0.67	44.82 2.48 -1.63	50.43 2.96 -5.78	58.37 3.47 -7.96	55.45 3.32 -5.32	53.93 3.12 -4.31	49.52 2.87 -3.79	42.38 2.62 -1.18	37.80 1.07 0.00	35.76 1.42 -0.49
TILDEN___115KV_TB1 80814	31.29 0.16 0.00	28.56 0.11 0.00	26.55 0.13 0.00	26.11 0.13 0.00	26.68 0.16 0.00	30.54 0.24 0.00	37.41 0.33 0.00	39.12 0.43 0.00	40.62 0.28 0.00	40.84 0.40 0.00	40.52 0.36 0.00	40.52 0.36 0.00	38.57 0.31 0.00	40.03 0.32 0.00	39.01 0.31 0.00	41.00 0.28 0.00	41.90 0.21 0.00	47.36 0.42 0.00	47.32 0.51 0.00	47.02 0.51 0.00	43.20 0.34 0.00	38.76 0.19 0.00	37.11 0.37 0.00	34.05 0.20 0.00

TRIGEN___CC 323695	37.66 2.30 -4.22	33.28 2.08 -2.76	32.31 1.98 -3.92	31.64 1.95 -3.72	32.55 1.96 -4.07	36.52 2.21 -4.01	39.60 2.52 0.00	41.28 2.59 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.61 2.45 0.00	42.93 2.77 0.00	40.94 2.68 0.00	43.69 2.86 -1.12	42.27 2.90 -0.67	45.27 2.93 -1.63	50.94 3.46 -5.78	58.89 3.99 -7.96	56.01 3.88 -5.32	54.58 3.77 -4.31	50.08 3.43 -3.79	42.76 3.01 -1.18	38.98 2.24 0.00	36.78 2.44 -0.49
TRINITY___115KV___4 BK 55933	31.30 0.72 0.55	28.31 0.68 0.81	26.97 0.55 0.00	26.53 0.55 0.00	27.08 0.56 0.00	30.88 0.58 0.00	37.82 0.74 0.00	39.27 0.58 0.00	40.78 0.44 0.00	40.88 0.44 0.00	40.60 0.44 0.00	40.60 0.44 0.00	38.61 0.34 0.00	40.10 0.40 0.00	39.08 0.39 0.00	41.16 0.45 0.00	42.32 0.63 0.00	47.74 0.80 0.00	47.60 0.80 0.00	47.35 0.84 0.00	43.67 0.81 0.00	39.30 0.73 0.00	37.14 0.40 0.00	34.29 0.44 0.00
UNION___PROCESSING_DRP 323587	30.58 -0.56 0.00	28.02 -0.43 0.00	26.20 -0.21 0.00	25.69 -0.29 0.00	26.39 -0.13 0.00	30.36 0.06 0.00	36.82 -0.26 0.00	38.54 -0.15 0.00	39.89 -0.44 0.00	40.24 -0.20 0.00	40.08 -0.08 0.00	39.92 -0.24 0.00	38.26 0.00 0.00	39.39 -0.32 0.00	38.27 -0.43 0.00	40.34 -0.37 0.00	40.86 -0.83 0.00	46.61 -0.33 0.00	46.85 0.05 0.00	46.28 -0.23 0.00	42.00 -0.86 0.00	37.45 -1.12 0.00	36.77 0.04 0.00	33.88 0.03 0.00
UPPER HUDSON___HYD 24058	33.67 2.09 -0.44	31.06 1.96 -0.65	28.18 1.77 0.00	27.69 1.71 0.00	28.30 1.78 0.00	32.24 1.94 0.00	39.71 2.63 0.00	41.17 2.48 0.00	43.00 2.66 0.00	43.27 2.83 0.00	43.01 2.85 0.00	42.93 2.77 0.00	40.71 2.45 0.00	42.21 2.50 0.00	41.02 2.32 0.00	43.24 2.53 0.00	44.44 2.75 0.00	50.32 3.38 0.00	50.27 3.46 0.00	50.04 3.53 0.00	46.03 3.17 0.00	41.31 2.74 0.00	39.02 2.28 0.00	35.85 2.00 0.00
UPPER RAQUET___HYD 24056	10.53 -1.03 19.58	11.24 -0.94 16.27	11.69 -0.90 13.83	11.58 -0.86 13.54	11.79 -0.87 13.86	13.50 -0.97 15.83	26.50 -1.04 9.54	37.56 -1.12 0.01	39.65 -0.69 0.00	39.75 -0.69 0.00	39.35 -0.80 0.00	39.15 -1.00 0.00	37.27 -1.00 0.00	38.44 -1.27 0.00	37.19 -1.51 0.00	39.12 -1.59 0.00	39.73 -1.96 0.00	44.87 -2.06 0.00	45.08 -1.73 0.00	44.93 -1.58 0.00	41.66 -1.20 0.00	37.76 -0.81 0.00	36.22 -0.51 0.00	33.54 -0.31 0.00
VALLEY44_115KV_TB2 355964	30.61 -0.53 0.00	28.22 -0.23 0.00	26.70 0.29 0.00	26.11 0.13 0.00	26.89 0.37 0.00	30.91 0.61 0.00	37.34 0.26 0.00	39.66 0.97 0.00	40.86 0.52 0.00	41.00 0.57 0.00	41.04 0.88 0.00	40.96 0.80 0.00	39.26 0.99 0.00	40.54 0.83 0.00	39.39 0.70 0.00	41.65 0.94 0.00	42.28 0.58 0.00	48.35 1.41 0.00	48.68 1.87 0.00	48.04 1.53 0.00	43.25 0.39 0.00	38.30 -0.27 0.00	37.66 0.92 0.00	34.66 0.81 0.00
VALLEY___115KV_TB 1-4 80826	32.34 0.03 -1.17	29.42 0.00 -0.97	27.24 0.00 -0.83	26.82 0.03 -0.81	27.43 0.08 -0.83	31.37 0.12 -0.95	37.91 0.26 -0.57	39.04 0.35 0.00	40.74 0.40 0.00	40.92 0.49 0.00	40.64 0.48 0.00	40.64 0.48 0.00	38.65 0.38 0.00	40.14 0.44 0.00	39.04 0.35 0.00	41.04 0.33 0.00	42.03 0.33 0.00	47.41 0.47 0.00	47.23 0.42 0.00	46.93 0.42 0.00	43.20 0.34 0.00	38.92 0.35 0.00	37.11 0.37 0.00	34.12 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.82 1.68 0.00	29.95 1.51 0.00	27.84 1.43 0.00	27.38 1.40 0.00	27.98 1.46 0.00	32.00 1.70 0.00	39.23 2.15 0.00	41.05 2.36 0.00	42.63 2.30 0.00	42.82 2.39 0.00	42.41 2.25 0.00	42.41 2.25 0.00	40.33 2.07 0.00	41.97 2.26 0.00	40.98 2.28 0.00	43.07 2.36 0.00	43.94 2.25 0.00	49.71 2.77 0.00	49.57 2.76 0.00	49.30 2.79 0.00	45.35 2.49 0.00	40.69 2.12 0.00	38.72 1.98 0.00	35.51 1.66 0.00
VISCHER___FERRY HYD 24020	33.45 1.46 -0.85	31.06 1.37 -1.25	27.60 1.19 0.00	27.15 1.17 0.00	27.71 1.19 0.00	31.60 1.30 0.00	38.71 1.63 0.00	40.20 1.51 0.00	41.71 1.37 0.00	41.81 1.38 0.00	41.52 1.37 0.00	41.48 1.32 0.00	39.41 1.15 0.00	40.98 1.27 0.00	39.86 1.16 0.00	42.01 1.30 0.00	43.19 1.50 0.00	48.82 1.88 0.00	48.63 1.82 0.00	48.42 1.91 0.00	44.66 1.80 0.00	40.15 1.58 0.00	37.99 1.25 0.00	35.07 1.22 0.00
V_A_10_SYNC_DSASP 323832	30.05 -1.09 0.00	27.56 -0.88 0.00	25.91 -0.50 0.00	25.49 -0.49 0.00	26.04 -0.48 0.00	29.94 -0.36 0.00	36.23 -0.85 0.00	37.76 -0.93 0.00	39.13 -1.21 0.00	39.26 -1.17 0.00	39.19 -0.96 0.00	39.19 -0.96 0.00	37.54 -0.73 0.00	38.55 -1.15 0.00	37.54 -1.16 0.00	39.57 -1.14 0.00	41.24 -0.46 0.00	45.67 -1.27 0.00	45.92 -0.89 0.00	45.48 -1.02 0.00	41.23 -1.63 0.00	36.68 -1.89 0.00	36.26 -0.48 0.00	33.37 -0.47 0.00
V_CMM_10_SYNC_DSASP 323787	5.53 -1.03 24.58	7.11 -0.91 20.43	8.18 -0.87 17.36	8.12 -0.86 17.00	8.25 -0.87 17.39	9.40 -1.03 19.88	23.88 -1.22 11.98	37.33 -1.36 0.01	39.33 -1.01 0.00	39.43 -1.01 0.00	39.11 -1.04 0.00	39.11 -1.04 0.00	37.31 -0.96 0.00	38.67 -1.03 0.00	37.65 -1.04 0.00	39.61 -1.10 0.00	40.36 -1.34 0.00	45.48 -1.46 0.00	45.68 -1.12 0.00	45.44 -1.07 0.00	41.96 -0.90 0.00	37.92 -0.66 0.00	36.15 -0.59 0.00	33.41 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	4.62 -2.15 24.37	6.20 -1.99 20.25	7.28 -1.93 17.21	7.23 -1.90 16.86	7.23 -2.04 17.25	8.48 -2.12 19.71	22.72 -2.48 11.87	35.86 -2.82 0.01	37.87 -2.46 0.00	38.09 -2.35 0.00	38.03 -2.13 0.00	38.35 -1.81 0.00	36.66 -1.61 0.00	37.88 -1.83 0.00	36.88 -1.82 0.00	38.96 -1.75 0.00	39.98 -1.71 0.00	44.59 -2.35 0.00	44.70 -2.11 0.00	44.51 -2.00 0.00	41.57 -1.28 0.00	37.61 -0.96 0.00	35.71 -1.03 0.00	33.04 -0.81 0.00
V_D_10_SYNC_DSASP 323841	6.45 -0.90 23.78	7.88 -0.80 19.76	8.85 -0.77 16.80	8.80 -0.73 16.45	8.92 -0.77 16.83	10.19 -0.88 19.23	24.46 -1.04 11.59	37.53 -1.16 0.01	39.57 -0.77 0.00	39.63 -0.81 0.00	39.31 -0.85 0.00	39.27 -0.88 0.00	37.46 -0.81 0.00	38.83 -0.87 0.00	37.77 -0.93 0.00	39.73 -0.98 0.00	40.48 -1.21 0.00	45.62 -1.31 0.00	45.82 -0.99 0.00	45.62 -0.89 0.00	42.13 -0.73 0.00	38.07 -0.50 0.00	36.33 -0.40 0.00	33.61 -0.24 0.00
V_E_10_SYNC_DSASP 323830	33.13 1.99 0.00	30.18 1.74 0.00	28.11 1.69 0.00	27.72 1.74 0.00	28.35 1.83 0.00	32.58 2.27 0.00	40.30 3.22 0.00	42.52 3.83 0.00	44.09 3.75 0.00	44.36 3.92 0.00	43.69 3.53 0.00	43.69 3.53 0.00	41.44 3.17 0.00	43.16 3.45 0.00	41.72 3.02 0.00	43.89 3.18 0.00	45.24 3.54 0.00	51.30 4.37 0.00	51.49 4.68 0.00	51.44 4.93 0.00	46.97 4.11 0.00	42.04 3.47 0.00	40.27 3.53 0.00	36.56 2.71 0.00
V_F_30_NSYNC___DSASP 323816	33.44 1.81 -0.50	30.89 1.71 -0.74	27.95 1.53 0.00	27.49 1.51 0.00	28.06 1.54 0.00	31.97 1.67 0.00	39.27 2.19 0.00	40.74 2.05 0.00	42.43 2.10 0.00	42.62 2.18 0.00	42.36 2.21 0.00	42.28 2.13 0.00	40.18 1.91 0.00	41.69 1.98 0.00	40.55 1.86 0.00	42.75 2.03 0.00	43.94 2.25 0.00	49.66 2.72 0.00	49.57 2.76 0.00	49.35 2.84 0.00	45.47 2.61 0.00	40.85 2.28 0.00	38.65 1.91 0.00	35.57 1.73 0.00



V_F_30_SYNC_DSASP 323786	31.95 0.81 0.00	29.21 0.77 0.00	27.05 0.63 0.00	26.60 0.62 0.00	27.16 0.64 0.00	30.97 0.67 0.00	37.93 0.85 0.00	39.39 0.70 0.00	40.94 0.61 0.00	41.04 0.61 0.00	40.80 0.64 0.00	40.80 0.64 0.00	38.80 0.54 0.00	40.30 0.60 0.00	39.28 0.58 0.00	41.32 0.61 0.00	42.49 0.79 0.00	47.97 1.03 0.00	47.79 0.98 0.00	47.58 1.07 0.00	43.85 0.99 0.00	39.42 0.85 0.00	37.29 0.55 0.00	34.42 0.58 0.00
V_XM_10_SYNC_DSASP 323789	4.62 -2.15 24.37	6.20 -1.99 20.25	7.28 -1.93 17.21	7.23 -1.90 16.86	7.23 -2.04 17.25	8.48 -2.12 19.71	22.72 -2.48 11.87	35.86 -2.82 0.01	37.87 -2.46 0.00	38.09 -2.35 0.00	38.03 -2.13 0.00	38.35 -1.81 0.00	36.66 -1.61 0.00	37.88 -1.83 0.00	36.88 -1.82 0.00	38.96 -1.75 0.00	39.98 -1.71 0.00	44.59 -2.35 0.00	44.70 -2.11 0.00	44.51 -2.00 0.00	41.57 -1.28 0.00	37.61 -0.96 0.00	35.71 -1.03 0.00	33.04 -0.81 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.87 1.68 -0.05	30.06 1.54 -0.08	27.76 1.35 0.00	27.33 1.35 0.00	27.87 1.35 0.00	31.79 1.48 0.00	38.86 1.78 0.00	40.63 1.93 0.00	41.99 1.65 0.00	41.93 1.50 0.00	41.72 1.57 0.00	41.80 1.65 0.00	39.99 1.72 0.00	39.60 1.75 1.86	39.44 1.86 1.11	39.93 1.91 2.70	34.62 2.50 9.57	36.62 2.86 13.18	40.71 2.71 8.81	41.98 2.60 7.13	38.98 2.40 6.28	39.50 1.93 1.00	38.21 1.47 0.00	35.30 1.46 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.37 2.18 -0.06	30.46 1.93 -0.09	28.26 1.85 0.00	27.80 1.82 0.00	28.35 1.83 0.00	32.36 2.06 0.00	39.71 2.63 0.00	41.59 2.90 0.00	43.04 2.70 0.00	42.94 2.51 0.00	42.85 2.69 0.00	42.97 2.81 0.00	41.06 2.79 0.00	43.80 2.98 -1.11	42.38 3.02 -0.67	45.46 3.13 -1.61	51.18 3.75 -5.73	59.15 4.32 -7.90	56.16 4.07 -5.28	54.69 3.91 -4.27	50.18 3.56 -3.76	42.06 2.89 -0.60	39.16 2.42 0.00	36.18 2.34 0.00
W50THST__13_KV_LOAD 356117	33.41 2.21 -0.06	30.49 1.96 -0.09	28.29 1.88 0.00	27.83 1.84 0.00	28.35 1.83 0.00	32.39 2.09 0.00	39.71 2.63 0.00	41.63 2.94 0.00	43.08 2.74 0.00	42.99 2.55 0.00	42.89 2.73 0.00	43.01 2.85 0.00	41.09 2.83 0.00	43.84 3.02 -1.11	42.42 3.06 -0.67	45.50 3.18 -1.61	51.22 3.79 -5.73	59.20 4.37 -7.90	56.20 4.12 -5.28	54.73 3.95 -4.27	50.22 3.60 -3.76	42.10 2.93 -0.60	39.16 2.42 0.00	36.22 2.37 0.00
WADING RIVER_IC_1 23522	36.58 1.21 -4.23	32.32 1.11 -2.77	31.53 1.19 -3.93	30.77 1.07 -3.72	31.71 1.11 -4.08	35.56 1.24 -4.02	38.60 1.52 0.00	40.12 1.43 0.00	41.14 0.81 0.00	41.00 0.57 0.00	41.32 1.17 0.00	41.81 1.65 -0.01	39.75 1.49 0.00	42.57 1.75 -1.12	41.30 1.93 -0.67	44.21 1.87 -1.63	49.72 2.25 -5.78	57.81 2.91 -7.96	54.94 2.81 -5.32	53.42 2.60 -4.31	48.92 2.27 -3.79	41.88 2.12 -1.19	37.29 0.55 0.00	35.36 1.01 -0.50
WADING RIVER_IC_2 23547	36.58 1.21 -4.23	32.32 1.11 -2.77	31.53 1.19 -3.93	30.77 1.07 -3.72	31.71 1.11 -4.08	35.56 1.24 -4.02	38.60 1.52 0.00	40.12 1.43 0.00	41.14 0.81 0.00	41.00 0.57 0.00	41.32 1.17 0.00	41.81 1.65 -0.01	39.75 1.49 0.00	42.57 1.75 -1.12	41.30 1.93 -0.67	44.21 1.87 -1.63	49.72 2.25 -5.78	57.81 2.91 -7.96	54.94 2.81 -5.32	53.42 2.60 -4.31	48.92 2.27 -3.79	41.88 2.12 -1.19	37.29 0.55 0.00	35.36 1.01 -0.50
WADING RIVER_IC_3 23601	36.58 1.21 -4.23	32.32 1.11 -2.77	31.53 1.19 -3.93	30.77 1.07 -3.72	31.71 1.11 -4.08	35.56 1.24 -4.02	38.60 1.52 0.00	40.12 1.43 0.00	41.14 0.81 0.00	41.00 0.57 0.00	41.32 1.17 0.00	41.81 1.65 -0.01	39.75 1.49 0.00	42.57 1.75 -1.12	41.30 1.93 -0.67	44.21 1.87 -1.63	49.72 2.25 -5.78	57.81 2.91 -7.96	54.94 2.81 -5.32	53.42 2.60 -4.31	48.92 2.27 -3.79	41.88 2.12 -1.19	37.29 0.55 0.00	35.36 1.01 -0.50
WALDENNY_12_KV_BK2 80841	30.51 -0.62 0.00	27.99 -0.46 0.00	26.44 0.03 0.00	25.80 -0.18 0.00	26.57 0.05 0.00	30.58 0.27 0.00	36.97 -0.11 0.00	38.85 0.15 0.00	40.09 -0.24 0.00	40.20 -0.24 0.00	40.32 0.16 0.00	40.28 0.12 0.00	38.65 0.38 0.00	39.83 0.12 0.00	38.62 -0.08 0.00	40.79 0.08 0.00	41.11 -0.58 0.00	47.08 0.14 0.00	47.41 0.61 0.00	46.79 0.28 0.00	42.09 -0.77 0.00	37.34 -1.23 0.00	37.11 0.37 0.00	34.25 0.41 0.00
WALDEN__HYDRO 24148	32.66 1.53 0.00	29.84 1.39 0.00	27.68 1.27 0.00	27.25 1.27 0.00	27.79 1.27 0.00	31.70 1.39 0.00	38.79 1.71 0.00	40.47 1.78 0.00	41.91 1.57 0.00	41.85 1.42 0.00	41.68 1.53 0.00	41.72 1.57 0.00	39.83 1.57 0.00	40.85 1.63 0.49	40.11 1.70 0.29	41.80 1.79 0.71	41.48 2.29 2.51	46.11 2.63 3.46	47.07 2.57 2.31	47.10 2.46 1.87	43.48 2.27 1.65	40.16 1.85 0.26	38.17 1.43 0.00	35.27 1.42 0.00
WARRENSBURG____ 23737	33.67 2.09 -0.44	31.06 1.96 -0.65	28.18 1.77 0.00	27.69 1.71 0.00	28.30 1.78 0.00	32.24 1.94 0.00	39.71 2.63 0.00	41.17 2.48 0.00	43.00 2.66 0.00	43.27 2.83 0.00	43.01 2.85 0.00	42.93 2.77 0.00	40.71 2.45 0.00	42.21 2.50 0.00	41.02 2.32 0.00	43.24 2.53 0.00	44.44 2.75 0.00	50.32 3.38 0.00	50.27 3.46 0.00	50.04 3.53 0.00	46.03 3.17 0.00	41.31 2.74 0.00	39.02 2.28 0.00	35.85 2.00 0.00
WATERSIDE____6 8 9 23538	33.38 2.18 -0.06	30.47 1.93 -0.09	28.24 1.82 0.00	27.78 1.79 -0.01	28.32 1.80 0.00	32.30 2.00 0.00	39.49 2.41 0.00	41.28 2.59 0.00	42.59 2.26 0.00	42.50 2.06 0.00	42.41 2.25 0.00	42.45 2.29 0.00	40.60 2.33 0.00	43.28 2.46 -1.11	41.92 2.55 -0.67	44.93 2.61 -1.61	50.67 3.25 -5.73	58.63 3.80 -7.89	55.64 3.56 -5.27	54.17 3.40 -4.27	49.66 3.04 -3.76	41.64 2.47 -0.60	38.90 2.17 0.00	36.15 2.30 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.31 0.00 -1.17	29.42 0.00 -0.97	27.21 -0.03 -0.83	26.76 -0.03 -0.81	27.32 -0.03 -0.83	31.22 -0.03 -0.95	37.65 0.00 -0.57	38.73 0.04 0.00	40.30 -0.04 0.00	40.40 -0.04 0.00	40.12 -0.04 0.00	40.12 -0.04 0.00	38.15 -0.11 0.00	39.63 -0.08 0.00	38.58 -0.12 0.00	40.59 -0.12 0.00	41.57 -0.13 0.00	46.84 -0.09 0.00	46.71 -0.09 0.00	46.46 -0.05 0.00	42.82 -0.04 0.00	38.53 -0.04 0.00	36.66 -0.07 0.00	33.71 -0.14 0.00
WATSON__69_KV_BK 1 55734	37.88 2.52 -4.22	33.48 2.28 -2.76	32.53 2.19 -3.92	31.83 2.13 -3.72	32.77 2.17 -4.07	36.77 2.45 -4.01	40.05 2.97 0.00	41.71 3.02 0.00	43.04 2.70 0.00	42.82 2.39 0.00	43.05 2.89 0.00	43.57 3.41 0.00	41.52 3.25 0.00	44.28 3.45 -1.12	42.93 3.56 -0.67	45.96 3.62 -1.63	51.48 4.00 -5.78	59.59 4.69 -7.96	56.72 4.59 -5.32	55.23 4.42 -4.31	50.85 4.20 -3.79	43.50 3.74 -1.18	39.20 2.46 0.00	37.05 2.71 -0.49
WDELAWARE__HYD 323627	32.77 1.68 0.05	29.91 1.53 0.07	27.81 1.40 0.00	27.38 1.40 0.00	27.95 1.43 0.00	31.88 1.57 0.00	39.04 1.96 0.00	40.74 2.05 0.00	42.23 1.90 0.00	42.18 1.74 0.00	41.92 1.76 0.00	41.97 1.81 0.00	40.06 1.80 0.00	41.09 1.75 0.36	40.34 1.86 0.21	42.15 1.95 0.52	42.31 2.46 1.85	47.26 2.86 2.54	48.01 2.90 1.70	47.88 2.74 1.38	44.13 2.48 1.21	40.38 2.00 0.19	38.35 1.61 0.00	35.47 1.62 0.00

WEST BABYLON___IC 23714	37.88 2.52 -4.22	33.50 2.30 -2.76	32.53 2.19 -3.92	31.83 2.13 -3.72	32.77 2.17 -4.07	36.74 2.42 -4.01	39.97 2.89 0.00	41.67 2.98 0.00	43.00 2.66 0.00	42.78 2.35 0.00	42.97 2.81 0.00	43.45 3.29 0.00	41.44 3.18 0.00	44.16 3.34 -1.12	42.81 3.44 -0.67	45.84 3.50 -1.63	51.44 3.96 -5.78	59.50 4.60 -7.96	56.67 4.54 -5.32	55.19 4.37 -4.31	50.77 4.11 -3.79	43.38 3.63 -1.18	39.24 2.50 0.00	37.05 2.71 -0.49
WEST CANADA___HYD 24049	32.53 0.22 -1.17	29.62 0.20 -0.97	27.40 0.16 -0.83	26.95 0.16 -0.81	27.51 0.16 -0.83	31.43 0.18 -0.95	37.91 0.26 -0.57	38.97 0.27 0.00	40.58 0.24 0.00	40.68 0.24 0.00	40.40 0.24 0.00	40.40 0.24 0.00	38.42 0.15 0.00	39.87 0.16 0.00	38.85 0.16 0.00	40.87 0.16 0.00	41.95 0.25 0.00	47.22 0.28 0.00	47.09 0.28 0.00	46.79 0.28 0.00	43.12 0.26 0.00	38.77 0.19 0.00	36.89 0.15 0.00	33.98 0.14 0.00
WESTERN_NY_WIND 24143	30.70 -0.44 0.00	28.13 -0.31 0.00	26.47 0.05 0.00	25.88 -0.10 0.00	26.65 0.13 0.00	30.73 0.42 0.00	37.23 0.15 0.00	39.04 0.35 0.00	40.30 -0.04 0.00	40.52 0.08 0.00	40.48 0.32 0.00	40.24 0.08 0.00	38.65 0.38 0.00	39.71 0.00 0.00	38.54 -0.15 0.00	40.67 -0.04 0.00	41.07 -0.63 0.00	47.08 0.14 0.00	47.46 0.66 0.00	46.83 0.33 0.00	42.26 -0.60 0.00	37.53 -1.04 0.00	37.25 0.51 0.00	34.32 0.47 0.00
WESTOVER___LESR 323668	31.45 0.31 0.00	28.78 0.34 0.00	26.86 0.45 0.00	26.40 0.42 0.00	27.00 0.48 0.00	30.91 0.61 0.00	37.71 0.63 0.00	39.66 0.97 0.00	41.06 0.73 0.00	41.25 0.81 0.00	41.00 0.84 0.00	41.00 0.84 0.00	39.10 0.84 0.00	40.54 0.83 0.00	39.47 0.77 0.00	41.57 0.85 0.00	42.53 0.83 0.00	48.16 1.22 0.00	48.21 1.40 0.00	47.81 1.30 0.00	43.76 0.90 0.00	39.15 0.58 0.00	37.58 0.84 0.00	34.53 0.68 0.00
WETHRSFD_WT_PWR 323626	30.48 -0.66 0.00	27.99 -0.46 0.00	26.39 -0.03 0.00	25.98 0.00 0.00	26.57 0.05 0.00	30.54 0.24 0.00	37.12 0.04 0.00	38.89 0.19 0.00	40.26 -0.08 0.00	40.32 -0.12 0.00	40.28 0.12 0.00	40.32 0.16 0.00	38.53 0.27 0.00	39.75 0.04 0.00	38.66 -0.04 0.00	40.75 0.04 0.00	42.44 0.75 0.00	47.13 0.19 0.00	47.41 0.61 0.00	47.02 0.51 0.00	42.56 -0.30 0.00	37.80 -0.77 0.00	37.21 0.48 0.00	34.26 0.41 0.00
WHAVSTOR_138KV_BK127 55557	32.78 1.59 -0.05	29.97 1.45 -0.08	27.68 1.27 0.00	27.23 1.25 0.00	27.77 1.25 0.00	31.70 1.39 0.00	38.71 1.63 0.00	40.51 1.82 0.00	41.83 1.49 0.00	41.77 1.33 0.00	41.56 1.41 0.00	41.64 1.49 0.00	39.79 1.53 0.00	39.47 1.63 1.87	39.28 1.70 1.12	39.79 1.79 2.71	34.41 2.33 9.62	36.36 2.68 13.25	40.48 2.53 8.86	41.71 2.37 7.17	38.78 2.23 6.31	39.34 1.77 1.00	38.10 1.36 0.00	35.20 1.35 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.78 1.59 -0.05	29.97 1.45 -0.08	27.68 1.27 0.00	27.23 1.25 0.00	27.77 1.25 0.00	31.70 1.39 0.00	38.71 1.63 0.00	40.51 1.82 0.00	41.83 1.49 0.00	41.77 1.33 0.00	41.56 1.41 0.00	41.64 1.49 0.00	39.79 1.53 0.00	39.47 1.63 1.87	39.28 1.70 1.12	39.79 1.79 2.71	34.41 2.33 9.62	36.36 2.68 13.25	40.48 2.53 8.86	41.71 2.37 7.17	38.78 2.23 6.31	39.34 1.77 1.00	38.10 1.36 0.00	35.20 1.35 0.00
WHITEHAL_115KV_TB1 80871	34.33 2.71 -0.48	31.74 2.59 -0.71	28.74 2.32 0.00	28.24 2.26 0.00	28.83 2.31 0.00	32.88 2.58 0.00	40.60 3.52 0.00	41.98 3.29 0.00	43.97 3.63 0.00	44.32 3.88 0.00	44.05 3.90 0.00	43.97 3.81 0.00	41.63 3.37 0.00	43.12 3.41 0.00	41.95 3.25 0.00	44.13 3.42 0.00	45.28 3.59 0.00	51.44 4.51 0.00	51.44 4.63 0.00	51.25 4.74 0.00	47.15 4.29 0.00	42.20 3.63 0.00	39.86 3.12 0.00	36.52 2.67 0.00
WHITEPLN_13_KV_LOAD 356215	33.25 2.06 -0.06	30.38 1.85 -0.09	28.18 1.77 0.00	27.72 1.74 0.00	28.24 1.72 0.00	32.27 1.97 0.00	39.53 2.45 0.00	41.40 2.71 0.00	42.84 2.50 0.00	42.78 2.35 0.00	42.65 2.49 0.00	42.73 2.57 0.00	40.83 2.56 0.00	43.63 2.70 -1.22	42.21 2.79 -0.73	45.42 2.93 -1.78	51.50 3.50 -6.31	59.71 4.08 -8.69	56.50 3.88 -5.81	54.97 3.77 -4.70	50.42 3.43 -4.14	42.04 2.82 -0.66	39.02 2.28 0.00	36.01 2.17 0.00
WM_FLOYD_69_KV_BK2 356380	37.07 1.71 -4.22	32.76 1.56 -2.76	31.92 1.58 -3.92	31.18 1.48 -3.72	32.10 1.51 -4.07	36.01 1.70 -4.01	39.16 2.08 0.00	40.74 2.05 0.00	41.99 1.65 0.00	41.73 1.29 0.00	41.92 1.77 0.00	42.49 2.33 0.00	40.44 2.18 0.00	43.17 2.34 -1.12	41.88 2.52 -0.67	44.82 2.48 -1.63	50.43 2.96 -5.78	58.37 3.47 -7.96	55.50 3.37 -5.32	54.03 3.21 -4.31	49.69 3.04 -3.79	42.49 2.74 -1.18	38.06 1.32 0.00	36.00 1.66 -0.49
WOODARD__115KV_TB2 355635	31.20 0.06 0.00	28.47 0.03 0.00	26.49 0.08 0.00	26.06 0.08 0.00	26.60 0.08 0.00	30.45 0.15 0.00	37.30 0.22 0.00	38.96 0.27 0.00	40.50 0.16 0.00	40.68 0.24 0.00	40.36 0.20 0.00	40.36 0.20 0.00	38.45 0.19 0.00	39.87 0.16 0.00	38.85 0.15 0.00	40.83 0.12 0.00	41.74 0.04 0.00	47.17 0.23 0.00	47.13 0.33 0.00	46.79 0.28 0.00	42.99 0.13 0.00	38.61 0.04 0.00	37.00 0.26 0.00	33.95 0.10 0.00
YORK___WARBASSE 23770	33.57 2.37 -0.07	30.64 2.10 -0.09	28.43 2.01 -0.01	27.96 1.97 -0.01	28.52 1.99 -0.01	32.49 2.18 -0.01	39.68 2.60 0.00	41.32 2.63 0.00	42.63 2.30 0.00	42.54 2.10 0.00	42.49 2.33 0.00	42.57 2.41 0.00	40.67 2.41 0.00	43.40 2.58 -1.11	42.07 2.71 -0.67	45.05 2.73 -1.61	50.84 3.42 -5.73	58.77 3.94 -7.89	55.78 3.70 -5.27	54.31 3.53 -4.27	49.79 3.17 -3.76	41.75 2.58 -0.60	39.21 2.46 -0.01	36.40 2.54 -0.01