

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/16/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	34.46	29.13	29.83	27.21	24.65	25.12	31.88	27.54	11.74	6.33	6.84	4.92	-1.61	-4.75	7.49	18.86	29.44	29.28	35.19	37.10	34.65	34.26	31.77	29.75
24138	1.88	1.60	1.52	1.42	1.37	1.46	1.87	1.75	0.80	0.48	0.52	0.38	-0.13	-0.40	0.66	1.65	2.60	2.60	3.21	3.33	3.14	3.08	2.67	2.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	34.53	29.19	29.88	27.25	24.68	25.16	31.93	27.57	11.75	6.33	6.83	4.92	-1.61	-4.74	7.48	18.85	29.43	29.27	35.13	37.05	34.62	34.25	31.75	29.73
24260	1.95	1.66	1.57	1.47	1.40	1.50	1.92	1.79	0.80	0.48	0.52	0.38	-0.13	-0.39	0.65	1.64	2.59	2.59	3.14	3.28	3.10	3.06	2.66	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	34.53	29.19	29.88	27.25	24.68	25.16	31.93	27.57	11.75	6.33	6.83	4.92	-1.61	-4.74	7.48	18.85	29.43	29.27	35.13	37.05	34.62	34.25	31.75	29.73
24261	1.95	1.66	1.57	1.47	1.40	1.50	1.92	1.79	0.80	0.48	0.52	0.38	-0.13	-0.39	0.65	1.64	2.59	2.59	3.14	3.28	3.10	3.06	2.66	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.29	28.99	29.79	27.07	24.50	24.92	31.62	27.01	11.36	5.99	6.44	4.61	-1.50	-4.44	7.01	17.70	27.71	27.84	34.02	36.21	33.90	33.49	31.06	29.10
24011	1.71	1.47	1.48	1.28	1.21	1.26	1.62	1.23	0.42	0.14	0.13	0.07	-0.02	-0.09	0.18	0.50	0.87	1.16	2.03	2.44	2.39	2.31	1.96	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.44	29.13	29.94	27.16	24.60	25.02	31.81	27.15	11.41	6.00	6.46	4.62	-1.49	-4.45	7.04	17.78	27.80	27.99	34.29	36.57	34.26	33.81	31.27	29.23
23798	1.86	1.61	1.63	1.37	1.32	1.36	1.80	1.36	0.46	0.15	0.14	0.08	-0.02	-0.10	0.21	0.57	0.96	1.30	2.31	2.79	2.74	2.62	2.18	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.29	28.99	29.79	27.07	24.50	24.92	31.62	27.01	11.36	5.99	6.44	4.61	-1.50	-4.44	7.01	17.70	27.71	27.84	34.02	36.21	33.90	33.49	31.06	29.10
24028	1.71	1.47	1.48	1.28	1.21	1.26	1.62	1.23	0.42	0.14	0.13	0.07	-0.02	-0.09	0.18	0.50	0.87	1.16	2.03	2.44	2.39	2.31	1.96	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.92	28.67	29.49	26.81	24.23	24.60	31.12	26.67	11.25	5.93	6.39	4.56	-1.47	-4.37	6.91	17.47	27.35	27.40	33.11	35.11	32.89	32.61	30.45	28.62
23527	1.34	1.15	1.18	1.02	0.95	0.95	1.12	0.88	0.31	0.07	0.07	0.01	0.00	-0.02	0.08	0.26	0.52	0.71	1.13	1.34	1.38	1.43	1.36	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	33.31	28.15	28.93	26.35	23.81	24.18	30.45	26.11	11.06	5.88	6.33	4.53	-1.48	-4.36	6.88	17.34	27.11	27.04	32.47	34.32	32.11	31.82	29.81	28.18
24190	0.73	0.63	0.62	0.56	0.53	0.52	0.44	0.33	0.11	0.03	0.02	0.00	0.00	-0.01	0.05	0.13	0.27	0.35	0.49	0.54	0.59	0.63	0.71	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.39	27.41	28.23	25.72	23.24	23.63	30.00	25.80	10.97	5.87	6.32	4.54	-1.47	-4.35	6.81	17.17	26.74	26.57	31.71	33.48	31.10	29.21	25.50	26.20
355683	-0.20	-0.11	-0.08	-0.07	-0.05	-0.02	-0.01	0.01	0.02	0.01	0.00	0.00	0.00	0.01	-0.02	-0.04	-0.09	-0.12	-0.27	-0.30	-0.41	-0.55	-0.72	-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	1.43	2.87	0.40	
ALBANY_1_SOLAR	33.78	28.51	29.33	26.71	24.15	24.54	30.93	26.38	11.14	5.92	6.37	4.56	-1.51	-4.44	6.90	17.39	27.21	27.21	32.97	35.02	32.76	32.46	30.32	28.56
323833	1.20	0.99	1.02	0.93	0.87	0.88	0.93	0.60	0.19	0.07	0.06	0.01	-0.04	-0.08	0.07	0.19	0.37	0.52	0.99	1.24	1.25	1.27	1.22	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	33.77	28.51	29.31	26.71	24.14	24.53	30.92	26.38	11.13	5.92	6.37	4.56	-1.51	-4.44	6.90	17.39	27.21	27.20	32.96	35.00	32.75	32.45	30.31	28.56
323834	1.19	0.99	1.00	0.92	0.85	0.88	0.92	0.60	0.19	0.07	0.06	0.01	-0.04	-0.08	0.07	0.19	0.37	0.52	0.98	1.22	1.24	1.26	1.22	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	33.31	28.15	28.93	26.35	23.81	24.18	30.45	26.11	11.06	5.88	6.33	4.53	-1.48	-4.36	6.88	17.34	27.11	27.04	32.47	34.32	32.11	31.82	29.81	28.18
23571	0.73	0.63	0.62	0.56	0.53	0.52	0.44	0.33	0.11	0.03	0.02	0.00	0.00	-0.01	0.05	0.13	0.27	0.35	0.49	0.54	0.59	0.63	0.71	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	33.31 0.73 0.00	28.15 0.63 0.00	28.93 0.62 0.00	26.35 0.56 0.00	23.81 0.53 0.00	24.18 0.52 0.00	30.45 0.44 0.00	26.11 0.33 0.00	11.06 0.11 0.00	5.88 0.03 0.00	6.33 0.02 0.00	4.53 0.00 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.88 0.05 0.00	17.34 0.13 0.00	27.11 0.27 0.00	27.04 0.35 0.00	32.47 0.49 0.00	34.32 0.54 0.00	32.11 0.59 0.00	31.82 0.63 0.00	29.81 0.71 0.00	28.18 0.86 0.00
ALBANY___3 23573	33.31 0.73 0.00	28.15 0.63 0.00	28.93 0.62 0.00	26.35 0.56 0.00	23.81 0.53 0.00	24.18 0.52 0.00	30.45 0.44 0.00	26.11 0.33 0.00	11.06 0.11 0.00	5.88 0.03 0.00	6.33 0.02 0.00	4.53 0.00 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.88 0.05 0.00	17.34 0.13 0.00	27.11 0.27 0.00	27.04 0.35 0.00	32.47 0.49 0.00	34.32 0.54 0.00	32.11 0.59 0.00	31.82 0.63 0.00	29.81 0.71 0.00	28.18 0.86 0.00
ALBANY___4 23574	33.31 0.73 0.00	28.15 0.63 0.00	28.93 0.62 0.00	26.35 0.56 0.00	23.81 0.53 0.00	24.18 0.52 0.00	30.45 0.44 0.00	26.11 0.33 0.00	11.06 0.11 0.00	5.88 0.03 0.00	6.33 0.02 0.00	4.53 0.00 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.88 0.05 0.00	17.34 0.13 0.00	27.11 0.27 0.00	27.04 0.35 0.00	32.47 0.49 0.00	34.32 0.54 0.00	32.11 0.59 0.00	31.82 0.63 0.00	29.81 0.71 0.00	28.18 0.86 0.00
ALBANY___LFGE 323615	33.56 0.98 0.00	28.35 0.83 0.00	29.13 0.82 0.00	26.53 0.74 0.00	23.97 0.69 0.00	24.35 0.69 0.00	30.70 0.69 0.00	26.32 0.54 0.00	11.14 0.20 0.00	5.92 0.07 0.00	6.38 0.06 0.00	4.57 0.02 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.93 0.10 0.00	17.47 0.26 0.00	27.33 0.49 0.00	27.28 0.60 0.00	32.82 0.83 0.00	34.68 0.91 0.00	32.43 0.92 0.00	32.14 0.95 0.00	30.07 0.98 0.00	28.38 1.07 0.00
ALCOA_PA_115KV_PL-6C 55860	32.41 -0.17 0.00	27.44 -0.08 0.00	28.27 -0.04 0.00	25.76 -0.02 0.00	23.28 -0.01 0.00	23.67 0.01 0.00	30.05 0.05 0.00	25.83 0.04 0.00	10.97 0.02 0.00	5.87 0.01 0.00	6.32 0.00 0.00	4.54 0.00 0.00	-1.47 0.00 0.00	-4.34 0.01 0.00	6.80 -0.03 0.00	17.16 -0.05 0.00	26.73 -0.10 0.00	26.58 -0.10 0.00	31.71 -0.27 0.00	33.49 -0.29 0.00	31.11 -0.41 0.00	28.69 -0.55 1.95	24.51 -0.72 3.86	26.07 -0.71 0.54
ALCOA_RYNLDS___DRP 24188	32.41 -0.17 0.00	27.44 -0.08 0.00	28.27 -0.04 0.00	25.76 -0.02 0.00	23.28 -0.01 0.00	23.67 0.01 0.00	30.05 0.05 0.00	25.83 0.04 0.00	10.97 0.02 0.00	5.87 0.01 0.00	6.32 0.00 0.00	4.54 -0.01 0.00	-1.47 0.00 0.00	-4.34 0.01 0.00	6.80 -0.03 0.00	17.16 -0.05 0.00	26.73 -0.10 0.00	26.58 -0.10 0.00	31.71 -0.27 0.00	33.49 -0.29 0.00	31.11 -0.41 0.00	28.69 -0.55 1.95	24.51 -0.72 3.86	26.07 -0.71 0.54
ALCOA___DSASP 323711	32.41 -0.17 0.00	27.44 -0.08 0.00	28.27 -0.04 0.00	25.76 -0.02 0.00	23.28 -0.01 0.00	23.67 0.01 0.00	30.05 0.05 0.00	25.83 0.04 0.00	10.97 0.02 0.00	5.87 0.01 0.00	6.32 0.00 0.00	4.54 -0.01 0.00	-1.47 0.00 0.00	-4.34 0.01 0.00	6.80 -0.03 0.00	17.16 -0.05 0.00	26.73 -0.10 0.00	26.58 -0.10 0.00	31.71 -0.27 0.00	33.49 -0.29 0.00	31.11 -0.41 0.00	28.69 -0.55 1.95	24.51 -0.72 3.86	26.07 -0.71 0.54
ALLEGHENY___COGEN 23514	32.30 -0.30 -0.02	60.62 -0.39 -33.50	68.57 -0.51 -40.78	64.58 -0.56 -39.34	60.78 -0.48 -37.97	61.36 -0.45 -38.16	71.43 -0.37 -41.80	62.15 -0.36 -36.73	21.59 -0.36 -11.00	5.74 -0.12 0.00	6.25 -0.07 0.00	4.59 0.05 0.00	-1.46 0.01 0.00	-4.35 0.00 0.00	6.68 -0.16 0.00	22.63 -0.18 -5.60	27.00 0.16 0.00	26.78 0.09 0.00	71.48 0.22 -39.28	77.84 -0.03 -44.10	74.50 0.15 -42.84	67.26 0.26 -35.81	34.38 0.02 -5.26	27.49 0.18 0.00
ALTAMONT_115KV_TB 2 55880	33.42 0.84 0.00	28.23 0.71 0.00	29.00 0.69 0.00	26.42 0.63 0.00	23.88 0.59 0.00	24.28 0.62 0.00	30.70 0.69 0.00	26.34 0.55 0.00	11.16 0.22 0.00	5.95 0.09 0.00	6.41 0.10 0.00	4.60 0.05 0.00	-1.50 -0.02 0.00	-4.42 -0.07 0.00	6.96 0.13 0.00	17.53 0.32 0.00	27.39 0.55 0.00	27.30 0.61 0.00	32.85 0.87 0.00	34.75 0.97 0.00	32.49 0.97 0.00	32.20 1.01 0.00	30.04 0.95 0.00	28.26 0.94 0.00
ALTONA_WT_PWR 323606	32.23 -0.35 0.00	27.20 -0.32 0.00	27.99 -0.33 0.00	25.55 -0.24 0.00	23.06 -0.22 0.00	23.41 -0.25 0.00	29.78 -0.22 0.00	25.69 -0.09 0.00	10.91 -0.04 0.00	5.83 -0.02 0.00	6.27 -0.04 0.00	4.52 -0.02 0.00	-1.46 0.01 0.00	-4.33 0.02 0.00	6.82 -0.01 0.00	17.19 -0.02 0.00	26.67 -0.16 0.00	26.53 -0.16 0.00	31.67 -0.32 0.00	33.28 -0.50 0.00	30.56 -0.95 0.00	28.66 -1.41 1.12	25.53 -1.31 2.26	25.89 -1.11 0.32
AMERICAN_REF_FUEL 24010	29.16 -3.42 0.01	15.34 -3.00 9.17	13.91 -3.23 11.17	12.02 -2.99 10.78	10.28 -2.61 10.40	10.65 -2.55 10.45	15.48 -3.08 11.45	13.42 -2.30 10.06	7.08 -0.85 3.01	5.55 -0.30 0.00	6.14 -0.18 0.00	4.57 0.03 0.00	-1.48 0.00 0.00	-4.35 0.00 0.00	6.54 -0.30 0.00	14.81 -0.87 1.53	24.88 -1.96 0.00	24.30 -2.38 0.00	18.60 -2.65 10.74	18.63 -3.09 12.06	17.09 -2.71 11.71	18.81 -2.59 9.79	25.16 -2.49 1.44	25.29 -2.03 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.76 -2.81 0.01	15.72 -2.79 9.01	14.18 -3.16 10.97	12.32 -2.88 10.58	10.62 -2.45 10.21	11.05 -2.34 10.27	16.06 -2.70 11.24	13.88 -2.02 9.88	7.26 -0.73 2.96	5.68 -0.18 0.00	6.28 -0.04 0.00	4.65 0.11 0.00	-1.46 0.02 0.00	-4.31 0.05 0.00	6.58 -0.25 0.00	15.41 -0.29 1.50	25.81 -1.02 0.00	24.65 -2.04 0.00	18.99 -2.45 10.54	19.50 -2.44 11.83	17.89 -2.13 11.50	19.43 -2.15 9.61	25.60 -2.08 1.41	25.64 -1.68 0.00
ARTHUR KILL_GT_1 23520	34.64 2.06 0.00	29.27 1.74 0.00	29.96 1.65 0.00	27.33 1.54 0.00	24.75 1.46 0.00	25.23 1.58 0.00	32.02 2.01 0.00	27.65 1.85 -0.01	11.77 0.82 -0.01	6.34 0.48 0.00	6.84 0.53 0.00	4.93 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.87 1.66 0.00	29.46 2.62 0.00	29.33 2.64 -0.01	35.17 3.19 0.00	37.14 3.36 0.00	34.71 3.19 0.00	34.35 3.16 0.00	31.84 2.75 0.00	29.80 2.48 0.00
ARTHUR_KILL_2 23512	34.57 1.99 0.00	29.20 1.68 0.00	29.89 1.58 0.00	27.27 1.48 0.00	24.69 1.41 0.00	25.17 1.51 0.00	31.94 1.93 0.00	27.58 1.79 -0.01	11.75 0.80 -0.01	6.33 0.47 0.00	6.83 0.51 0.00	4.91 0.37 0.00	-1.60 -0.13 0.00	-4.74 -0.38 0.00	7.48 0.64 0.00	18.83 1.62 0.00	29.40 2.56 0.00	29.26 2.57 -0.01	35.07 3.09 0.00	37.03 3.25 0.00	34.61 3.09 0.00	34.24 3.06 0.00	31.75 2.66 0.00	29.72 2.40 0.00
ARTHUR_KILL_3 23513	34.24 1.65 0.00	28.91 1.39 0.00	29.60 1.30 0.00	27.01 1.23 0.00	24.46 1.18 0.00	24.93 1.28 0.00	31.63 1.63 0.00	27.32 1.53 0.00	11.65 0.70 0.00	6.27 0.42 0.00	6.77 0.45 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.58 0.00	18.68 1.48 0.00	29.16 2.33 0.00	29.00 2.32 0.00	34.81 2.83 0.00	36.73 2.96 0.00	34.32 2.81 0.00	33.94 2.76 0.00	31.48 2.39 0.00	29.48 2.16 0.00

ARTHUR_KILL_COGEN 323718	34.64 2.06 0.00	29.26 1.73 0.00	29.95 1.64 0.00	27.33 1.54 0.00	24.75 1.46 0.00	25.23 1.58 0.00	32.01 2.00 0.00	27.64 1.85 -0.01	11.77 0.82 -0.01	6.34 0.48 0.00	6.84 0.53 0.00	4.93 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.87 1.66 0.00	29.46 2.62 0.00	29.32 2.63 -0.01	35.17 3.19 0.00	37.14 3.36 0.00	34.71 3.19 0.00	34.34 3.16 0.00	31.84 2.75 0.00	29.80 2.48 0.00
ASHOKAN____ 23654	33.73 1.15 0.00	28.45 0.93 0.00	29.18 0.88 0.00	26.59 0.80 0.00	24.06 0.78 0.00	24.50 0.85 0.00	31.06 1.05 0.00	26.71 0.93 0.00	11.32 0.37 0.00	6.03 0.18 0.00	6.48 0.17 0.00	4.64 0.10 0.00	-1.51 -0.04 0.00	-4.46 -0.11 0.00	7.06 0.22 0.00	17.80 0.59 0.00	27.88 1.04 0.00	27.88 1.20 0.00	33.70 1.72 0.00	35.76 1.99 0.00	33.50 1.98 0.00	33.14 1.96 0.00	30.75 1.66 0.00	28.81 1.50 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.17 1.59 0.00	28.94 1.42 0.00	29.62 1.31 0.00	27.02 1.23 0.00	24.47 1.19 0.00	24.94 1.28 0.00	31.62 1.62 0.00	27.30 1.51 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.34 0.01	7.42 0.59 0.00	18.69 1.48 0.00	29.17 2.34 0.00	29.02 2.33 -0.01	34.72 2.75 0.01	36.61 2.84 0.01	34.22 2.70 0.00	33.85 2.66 0.00	31.40 2.31 0.00	29.42 2.10 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.17 1.59 0.00	28.94 1.42 0.00	29.61 1.31 0.00	27.02 1.23 0.00	24.47 1.19 0.00	24.93 1.28 0.00	31.62 1.61 0.00	27.30 1.50 -0.01	11.63 0.68 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.34 0.01	7.42 0.59 0.00	18.68 1.48 0.00	29.17 2.33 0.00	29.02 2.33 -0.01	34.72 2.75 0.01	36.61 2.84 0.01	34.22 2.70 0.00	33.85 2.66 0.00	31.40 2.31 0.00	29.42 2.10 0.00
ASTORIA_GT2_1 24094	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT2_2 24095	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT2_3 24096	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT2_4 24097	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT3_1 24098	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT3_2 24099	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT3_3 24100	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT3_4 24101	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT4_1 24102	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT4_2 24103	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT4_3 24104	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00

ASTORIA_GT4_4 24105	34.18 1.60 0.00	28.96 1.43 0.00	29.63 1.32 0.00	27.02 1.24 0.00	24.48 1.20 0.00	24.94 1.29 0.00	31.64 1.63 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.75 2.77 0.00	36.64 2.87 0.00	34.23 2.72 0.00	33.87 2.68 0.00	31.42 2.32 0.00	29.43 2.12 0.00
ASTORIA_GT_1 23523	34.24 1.66 0.00	29.01 1.48 0.00	29.68 1.37 0.00	27.07 1.28 0.00	24.52 1.24 0.00	24.98 1.33 0.00	31.69 1.69 0.00	27.36 1.57 -0.01	11.66 0.71 -0.01	6.28 0.43 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.73 1.52 0.00	29.24 2.40 0.00	29.08 2.39 -0.01	34.81 2.83 0.00	36.71 2.93 0.00	34.30 2.78 0.00	33.93 2.74 0.00	31.47 2.38 0.00	29.48 2.17 0.00
ASTORIA_GT_10 24110	34.37 1.78 0.00	29.09 1.56 0.00	29.78 1.47 0.00	27.19 1.40 0.00	24.63 1.34 0.00	25.09 1.44 0.00	31.84 1.83 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.63 0.00	18.79 1.58 0.00	29.33 2.49 0.00	29.18 2.48 -0.01	34.98 3.00 0.00	36.88 3.10 0.00	34.45 2.94 0.00	34.09 2.90 0.00	31.61 2.51 0.00	29.60 2.28 0.00
ASTORIA_GT_11 24225	34.37 1.78 0.00	29.09 1.56 0.00	29.78 1.47 0.00	27.19 1.40 0.00	24.63 1.34 0.00	25.09 1.44 0.00	31.84 1.83 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.63 0.00	18.79 1.58 0.00	29.33 2.49 0.00	29.18 2.48 -0.01	34.98 3.00 0.00	36.88 3.10 0.00	34.45 2.94 0.00	34.09 2.90 0.00	31.61 2.51 0.00	29.60 2.28 0.00
ASTORIA_GT_12 24226	34.37 1.78 0.00	29.09 1.56 0.00	29.78 1.47 0.00	27.19 1.40 0.00	24.63 1.34 0.00	25.09 1.44 0.00	31.84 1.83 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.63 0.00	18.79 1.58 0.00	29.33 2.49 0.00	29.18 2.48 -0.01	34.98 3.00 0.00	36.88 3.10 0.00	34.45 2.94 0.00	34.09 2.90 0.00	31.61 2.51 0.00	29.60 2.28 0.00
ASTORIA_GT_13 24227	34.37 1.78 0.00	29.09 1.56 0.00	29.78 1.47 0.00	27.19 1.40 0.00	24.63 1.34 0.00	25.09 1.44 0.00	31.84 1.83 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.63 0.00	18.79 1.58 0.00	29.33 2.49 0.00	29.18 2.48 -0.01	34.98 3.00 0.00	36.88 3.10 0.00	34.45 2.94 0.00	34.09 2.90 0.00	31.61 2.51 0.00	29.60 2.28 0.00
ASTORIA_GT_5 24106	34.24 1.66 0.00	29.01 1.48 0.00	29.68 1.37 0.00	27.07 1.28 0.00	24.52 1.24 0.00	24.98 1.33 0.00	31.69 1.69 0.00	27.36 1.57 -0.01	11.66 0.71 -0.01	6.28 0.43 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.73 1.52 0.00	29.24 2.40 0.00	29.08 2.39 -0.01	34.81 2.83 0.00	36.71 2.93 0.00	34.30 2.78 0.00	33.93 2.74 0.00	31.47 2.38 0.00	29.48 2.17 0.00
ASTORIA_GT_7 24107	34.24 1.66 0.00	29.01 1.48 0.00	29.68 1.37 0.00	27.07 1.28 0.00	24.52 1.24 0.00	24.98 1.33 0.00	31.69 1.69 0.00	27.36 1.57 -0.01	11.66 0.71 -0.01	6.28 0.43 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.73 1.52 0.00	29.24 2.40 0.00	29.08 2.39 -0.01	34.81 2.83 0.00	36.71 2.93 0.00	34.30 2.78 0.00	33.93 2.74 0.00	31.47 2.38 0.00	29.48 2.17 0.00
ASTORIA_GT_8 24108	34.24 1.66 0.00	29.01 1.48 0.00	29.68 1.37 0.00	27.07 1.28 0.00	24.52 1.24 0.00	24.98 1.33 0.00	31.69 1.69 0.00	27.36 1.57 -0.01	11.66 0.71 -0.01	6.28 0.43 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.73 1.52 0.00	29.24 2.40 0.00	29.08 2.39 -0.01	34.81 2.83 0.00	36.71 2.93 0.00	34.30 2.78 0.00	33.93 2.74 0.00	31.47 2.38 0.00	29.48 2.17 0.00
ASTORIA___2 24149	34.18 1.60 0.00	28.95 1.43 0.00	29.63 1.32 0.00	27.02 1.23 0.00	24.48 1.19 0.00	24.94 1.29 0.00	31.63 1.62 0.00	27.31 1.52 -0.01	11.64 0.69 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.01	7.42 0.59 0.00	18.69 1.49 0.00	29.19 2.35 0.00	29.03 2.34 -0.01	34.74 2.76 0.01	36.63 2.86 0.01	34.23 2.72 0.00	33.87 2.68 0.00	31.41 2.32 0.00	29.43 2.12 0.00
ASTORIA___3 23516	34.37 1.79 0.00	29.07 1.55 0.00	29.77 1.46 0.00	27.18 1.39 0.00	24.62 1.34 0.00	25.09 1.44 0.00	31.83 1.82 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.63 0.00	18.79 1.58 0.00	29.33 2.49 0.00	29.18 2.49 -0.01	34.98 2.99 0.00	36.87 3.10 0.00	34.45 2.94 0.00	34.09 2.90 0.00	31.60 2.51 0.00	29.60 2.28 0.00
ASTORIA___4 23517	34.37 1.78 0.00	29.09 1.56 0.00	29.78 1.47 0.00	27.19 1.40 0.00	24.62 1.34 0.00	25.09 1.44 0.00	31.84 1.83 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.63 0.00	18.79 1.58 0.00	29.33 2.49 0.00	29.18 2.48 -0.01	34.98 3.00 0.00	36.88 3.10 0.00	34.45 2.94 0.00	34.09 2.90 0.00	31.61 2.51 0.00	29.60 2.28 0.00
ASTORIA___5 23518	34.37 1.79 0.00	29.07 1.55 0.00	29.77 1.46 0.00	27.18 1.39 0.00	24.62 1.34 0.00	25.09 1.44 0.00	31.83 1.82 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.63 0.00	18.79 1.58 0.00	29.33 2.49 0.00	29.18 2.49 -0.01	34.98 2.99 0.00	36.87 3.10 0.00	34.45 2.94 0.00	34.09 2.90 0.00	31.60 2.51 0.00	29.60 2.28 0.00
AST_ENERGY_2_CC3 323677	34.31 1.73 0.00	29.01 1.49 0.00	29.71 1.40 0.00	27.10 1.31 0.00	24.54 1.26 0.00	25.01 1.35 0.00	31.73 1.73 0.00	27.40 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.21 2.37 0.00	29.06 2.37 0.00	34.85 2.87 0.00	36.77 2.99 0.00	34.35 2.84 0.00	33.98 2.79 0.00	31.51 2.42 0.00	29.52 2.20 0.00
AST_ENERGY_2_CC4 323678	34.31 1.73 0.00	29.01 1.49 0.00	29.71 1.40 0.00	27.10 1.31 0.00	24.54 1.26 0.00	25.01 1.35 0.00	31.73 1.73 0.00	27.40 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.21 2.37 0.00	29.06 2.37 0.00	34.85 2.87 0.00	36.77 2.99 0.00	34.35 2.84 0.00	33.98 2.79 0.00	31.51 2.42 0.00	29.52 2.20 0.00

ATHENS_STG_1 23668	33.62 1.04 0.00	28.40 0.88 0.00	29.15 0.84 0.00	26.56 0.77 0.00	24.03 0.75 0.00	24.45 0.80 0.00	30.98 0.98 0.00	26.64 0.85 0.00	11.32 0.37 0.00	6.06 0.20 0.00	6.53 0.21 0.00	4.69 0.14 0.00	-1.53 -0.05 0.00	-4.50 -0.15 0.00	7.10 0.27 0.00	17.87 0.67 0.00	27.93 1.10 0.00	27.82 1.13 0.00	33.46 1.48 0.00	35.34 1.56 0.00	33.03 1.52 0.00	32.74 1.56 0.00	30.47 1.38 0.00	28.61 1.29 0.00
ATHENS_STG_2 23670	33.62 1.04 0.00	28.40 0.88 0.00	29.15 0.84 0.00	26.56 0.77 0.00	24.03 0.75 0.00	24.45 0.80 0.00	30.98 0.98 0.00	26.64 0.85 0.00	11.32 0.37 0.00	6.06 0.20 0.00	6.53 0.21 0.00	4.69 0.14 0.00	-1.53 -0.05 0.00	-4.50 -0.15 0.00	7.10 0.27 0.00	17.87 0.67 0.00	27.93 1.10 0.00	27.82 1.13 0.00	33.46 1.48 0.00	35.34 1.56 0.00	33.03 1.52 0.00	32.74 1.56 0.00	30.47 1.38 0.00	28.61 1.29 0.00
ATHENS_STG_3 23677	33.62 1.04 0.00	28.40 0.88 0.00	29.15 0.84 0.00	26.56 0.77 0.00	24.03 0.75 0.00	24.45 0.80 0.00	30.98 0.98 0.00	26.64 0.85 0.00	11.32 0.37 0.00	6.06 0.20 0.00	6.53 0.21 0.00	4.69 0.14 0.00	-1.53 -0.05 0.00	-4.50 -0.15 0.00	7.10 0.27 0.00	17.87 0.67 0.00	27.93 1.10 0.00	27.82 1.13 0.00	33.46 1.48 0.00	35.34 1.56 0.00	33.03 1.52 0.00	32.74 1.56 0.00	30.47 1.38 0.00	28.61 1.29 0.00
AUBURN___LFGE 323710	32.52 -0.06 0.00	27.33 -0.19 0.00	28.17 -0.13 0.00	25.67 -0.12 0.00	23.14 -0.14 0.00	23.55 -0.10 0.00	29.94 -0.07 0.00	25.66 -0.13 0.00	10.84 -0.11 0.00	5.78 -0.08 0.00	6.26 -0.06 0.00	4.51 -0.03 0.00	-1.46 0.01 0.00	-4.34 0.02 0.00	6.75 -0.09 0.00	17.00 -0.20 0.00	26.70 -0.13 0.00	26.64 -0.05 0.00	31.90 -0.09 0.00	33.69 -0.09 0.00	31.47 -0.04 0.00	31.21 0.02 0.00	28.92 -0.17 0.00	27.22 -0.09 0.00
BABYLON_RES_REC 323704	70.56 2.24 -35.73	33.62 1.89 -4.21	32.46 1.80 -2.35	29.98 1.68 -2.52	27.33 1.58 -2.46	25.39 1.74 0.00	32.31 2.28 -0.02	27.75 1.96 0.00	11.79 0.85 0.00	6.34 0.48 0.00	6.83 0.51 0.00	4.92 0.37 0.00	-1.60 -0.13 0.00	-4.72 -0.37 0.00	13.07 0.63 -5.61	27.21 1.59 -8.41	42.23 2.46 -12.93	50.23 2.43 -21.12	53.46 3.01 -18.47	36.82 3.05 0.00	34.48 2.97 0.00	35.23 2.97 -1.07	37.67 2.67 -5.90	37.64 2.48 -7.84
BALL_HILL_WT_PWR 323825	29.99 -2.58 0.01	13.54 -2.41 11.57	11.56 -2.66 14.09	9.72 -2.48 13.59	8.03 -2.13 13.12	8.43 -2.05 13.18	13.21 -2.35 14.44	11.38 -1.72 12.69	6.51 -0.64 3.80	5.69 -0.17 0.00	6.27 -0.05 0.00	4.65 0.11 0.00	-1.49 -0.01 0.00	-4.40 -0.05 0.00	6.66 -0.17 0.00	14.89 -0.39 1.93	25.74 -1.09 0.00	25.00 -1.68 0.00	16.48 -1.97 13.53	16.42 -2.16 15.19	14.90 -1.85 14.76	17.04 -1.80 12.34	25.48 -1.80 1.81	25.93 -1.39 0.00
BARON_WINDS___WT_PWR 323822	30.70 -1.84 0.04	-31.23 -1.56 57.18	-43.00 -1.70 69.61	-43.00 -1.62 67.16	-43.00 -1.46 64.82	-43.00 -1.51 65.14	-43.00 -1.65 71.35	-38.28 -1.36 62.71	-8.44 -0.61 18.78	5.63 -0.22 0.00	6.11 -0.20 0.00	4.51 -0.03 0.00	-1.42 0.05 0.00	-4.26 0.09 0.00	6.46 -0.37 0.00	6.72 -0.94 9.55	25.57 -1.27 0.00	25.62 -1.06 0.00	-36.36 -1.34 67.01	-43.00 -1.52 75.25	-43.00 -1.41 73.11	-31.39 -1.47 61.11	18.54 -1.58 8.98	26.05 -1.26 0.00
BARRETT_IC_1 23704	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT_IC_10 23701	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT_IC_11 23702	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT_IC_12 23703	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT_IC_2 23705	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT_IC_3 23706	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT_IC_4 23707	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT_IC_5 23708	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40

BARRETT_IC_6 23709	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT_IC_7 23710	47.99 1.84 -13.57	29.14 1.61 -0.01	29.84 1.53 0.00	27.24 1.45 0.00	24.66 1.38 0.00	25.15 1.49 0.00	31.92 1.90 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.63 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.92 2.72 -1.01	37.06 2.40 -5.57	36.96 2.24 -7.40
BARRETT_IC_8 23711	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT_IC_9 23700	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT___1 23545	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BARRETT___2 23546	47.99 1.84 -13.57	29.14 1.61 -0.01	29.83 1.52 0.00	27.24 1.45 0.00	24.66 1.37 0.00	25.14 1.49 0.00	31.91 1.89 -0.01	27.45 1.66 0.00	11.70 0.75 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	12.72 0.60 -5.29	26.64 1.48 -7.94	41.28 2.25 -12.20	48.78 2.17 -19.92	52.08 2.68 -17.42	36.60 2.82 0.00	34.25 2.73 0.00	34.91 2.72 -1.01	37.06 2.40 -5.57	36.95 2.23 -7.40
BATAVIA___115KV_TB1 55881	30.73 -1.85 0.00	19.55 -1.74 6.23	18.80 -1.92 7.59	16.68 -1.79 7.32	14.68 -1.54 7.06	15.09 -1.47 7.10	20.47 -1.76 7.78	17.61 -1.34 6.83	8.34 -0.56 2.05	5.66 -0.19 0.00	6.22 -0.09 0.00	4.59 0.06 0.00	-1.48 -0.01 0.00	-4.37 -0.01 0.00	6.70 -0.13 0.00	16.06 -0.11 1.04	26.24 -0.60 0.00	25.71 -0.98 0.00	23.47 -1.23 7.29	24.06 -1.53 8.19	22.39 -1.17 7.95	23.48 -1.06 6.65	27.03 -1.09 0.98	26.52 -0.80 0.00
BAYONEEC___CTG1 323682	34.32 1.73 0.00	29.00 1.48 0.00	29.70 1.39 0.00	27.10 1.31 0.00	24.53 1.25 0.00	25.00 1.35 0.00	31.72 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.80 3.02 0.00	34.39 2.87 0.00	34.01 2.82 0.00	31.54 2.45 0.00	29.54 2.22 0.00
BAYONEEC___CTG10 323750	34.32 1.73 0.00	29.00 1.48 0.00	29.70 1.39 0.00	27.10 1.31 0.00	24.53 1.25 0.00	25.00 1.35 0.00	31.72 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.80 3.02 0.00	34.39 2.87 0.00	34.01 2.82 0.00	31.54 2.45 0.00	29.54 2.22 0.00
BAYONEEC___CTG2 323683	34.32 1.73 0.00	29.00 1.48 0.00	29.70 1.39 0.00	27.10 1.31 0.00	24.53 1.25 0.00	25.00 1.35 0.00	31.72 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.80 3.02 0.00	34.39 2.87 0.00	34.01 2.82 0.00	31.54 2.45 0.00	29.54 2.22 0.00
BAYONEEC___CTG3 323684	34.32 1.73 0.00	29.00 1.48 0.00	29.70 1.39 0.00	27.10 1.31 0.00	24.53 1.25 0.00	25.00 1.35 0.00	31.72 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.80 3.02 0.00	34.39 2.87 0.00	34.01 2.82 0.00	31.54 2.45 0.00	29.54 2.22 0.00
BAYONEEC___CTG4 323685	34.32 1.73 0.00	29.00 1.48 0.00	29.70 1.39 0.00	27.10 1.31 0.00	24.53 1.25 0.00	25.00 1.35 0.00	31.72 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.80 3.02 0.00	34.39 2.87 0.00	34.01 2.82 0.00	31.54 2.45 0.00	29.54 2.22 0.00
BAYONEEC___CTG5 323686	34.32 1.73 0.00	29.00 1.48 0.00	29.70 1.39 0.00	27.10 1.31 0.00	24.53 1.25 0.00	25.00 1.35 0.00	31.72 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.80 3.02 0.00	34.39 2.87 0.00	34.01 2.82 0.00	31.54 2.45 0.00	29.54 2.22 0.00
BAYONEEC___CTG6 323687	34.32 1.73 0.00	29.00 1.48 0.00	29.70 1.39 0.00	27.10 1.31 0.00	24.53 1.25 0.00	25.00 1.35 0.00	31.72 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.80 3.02 0.00	34.39 2.87 0.00	34.01 2.82 0.00	31.54 2.45 0.00	29.54 2.22 0.00
BAYONEEC___CTG7 323688	34.32 1.73 0.00	29.00 1.48 0.00	29.70 1.39 0.00	27.10 1.31 0.00	24.53 1.25 0.00	25.00 1.35 0.00	31.72 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.80 3.02 0.00	34.39 2.87 0.00	34.01 2.82 0.00	31.54 2.45 0.00	29.54 2.22 0.00

BAYONEEC___CTG8 323689	34.32 1.73 0.00	29.00 1.48 0.00	29.70 1.39 0.00	27.10 1.31 0.00	24.53 1.25 0.00	25.00 1.35 0.00	31.72 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.80 3.02 0.00	34.39 2.87 0.00	34.01 2.82 0.00	31.54 2.45 0.00	29.54 2.22 0.00
BAYONEEC___CTG9 323749	34.32 1.73 0.00	29.00 1.48 0.00	29.70 1.39 0.00	27.10 1.31 0.00	24.53 1.25 0.00	25.00 1.35 0.00	31.72 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.80 3.02 0.00	34.39 2.87 0.00	34.01 2.82 0.00	31.54 2.45 0.00	29.54 2.22 0.00
BAYPORT_69_KV_BK 2 356364	332.07 2.73 -296.76	85.59 2.29 -55.78	61.72 2.21 -31.20	61.30 2.05 -33.46	57.91 1.91 -32.72	25.75 2.10 0.00	32.83 2.81 -0.01	28.17 2.39 0.00	11.96 1.01 0.00	6.40 0.55 0.00	6.89 0.58 0.00	4.97 0.42 0.00	-1.62 -0.14 0.00	-4.77 -0.42 0.00	12.71 0.70 -5.17	26.76 1.79 -7.76	41.57 2.81 -11.92	48.95 2.80 -19.47	52.43 3.42 -17.02	37.07 3.30 0.00	34.72 3.20 0.00	35.36 3.19 -0.98	37.42 2.88 -5.44	37.22 2.69 -7.22
BEACON___LESR 323632	33.66 1.08 0.00	28.45 0.93 0.00	29.23 0.92 0.00	26.62 0.83 0.00	24.06 0.78 0.00	24.45 0.79 0.00	30.83 0.82 0.00	26.44 0.65 0.00	11.20 0.25 0.00	5.95 0.09 0.00	6.39 0.08 0.00	4.57 0.03 0.00	-1.49 -0.01 0.00	-4.39 -0.04 0.00	6.94 0.10 0.00	17.49 0.28 0.00	27.36 0.53 0.00	27.33 0.65 0.00	32.91 0.93 0.00	34.78 1.01 0.00	32.54 1.03 0.00	32.24 1.05 0.00	30.17 1.07 0.00	28.47 1.15 0.00
BEAVER RIVER___HYD 24048	30.80 -1.79 0.00	25.95 -1.57 0.00	27.00 -1.31 0.00	24.87 -0.93 0.00	22.43 -0.85 0.00	22.66 -1.00 0.00	28.93 -1.07 0.00	24.79 -0.99 0.00	10.37 -0.57 0.00	5.50 -0.36 0.00	5.93 -0.39 0.00	4.21 -0.34 0.00	-1.37 0.10 0.00	-4.00 0.36 0.00	6.31 -0.52 0.00	16.19 -1.01 0.00	25.65 -1.18 0.00	25.69 -1.00 0.00	30.50 -1.49 0.00	32.32 -1.45 0.00	30.02 -1.50 0.00	16.21 -1.71 13.26	2.20 -1.70 25.19	22.12 -1.65 3.54
BEEBEE_GT_13 23619	31.36 -1.22 0.00	26.32 -1.21 0.00	26.99 -1.32 0.00	24.54 -1.25 0.00	22.19 -1.10 0.00	22.61 -1.05 0.00	28.74 -1.27 0.00	24.81 -0.98 0.00	10.57 -0.38 0.00	5.73 -0.12 0.00	6.26 -0.06 0.00	4.58 0.04 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.79 -0.05 0.00	17.14 -0.06 0.00	26.50 -0.34 0.00	26.11 -0.57 0.00	31.15 -0.83 0.00	32.81 -0.97 0.00	30.73 -0.78 0.00	30.45 -0.74 0.00	28.34 -0.76 0.00	26.77 -0.55 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.73 2.14 0.00	29.34 1.82 0.00	30.03 1.72 0.00	27.39 1.60 0.00	24.80 1.52 0.00	25.28 1.62 0.00	32.08 2.08 0.00	27.71 1.92 -0.01	11.81 0.86 -0.01	6.36 0.51 0.00	6.87 0.56 0.00	4.95 0.41 0.00	-1.61 -0.14 0.00	-4.77 -0.42 0.00	7.53 0.69 0.00	18.95 1.74 0.00	29.59 2.75 0.00	29.44 2.75 -0.01	35.31 3.33 0.00	37.26 3.49 0.00	34.83 3.31 0.00	34.46 3.27 0.00	31.93 2.84 0.00	29.89 2.57 0.00
BETHLEHEM___GRP 23843	33.31 0.73 0.00	28.15 0.63 0.00	28.93 0.62 0.00	26.35 0.56 0.00	23.81 0.53 0.00	24.18 0.52 0.00	30.45 0.44 0.00	26.11 0.33 0.00	11.06 0.11 0.00	5.88 0.03 0.00	6.33 0.02 0.00	4.53 0.00 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.88 0.05 0.00	17.34 0.13 0.00	27.11 0.27 0.00	27.04 0.35 0.00	32.47 0.49 0.00	34.32 0.54 0.00	32.11 0.59 0.00	31.82 0.63 0.00	29.81 0.71 0.00	28.18 0.86 0.00
BETHLEHEM___GS1 323560	33.32 0.74 0.00	28.15 0.63 0.00	28.93 0.62 0.00	26.34 0.55 0.00	23.81 0.53 0.00	24.18 0.52 0.00	30.44 0.44 0.00	26.11 0.33 0.00	11.06 0.11 0.00	5.88 0.03 0.00	6.33 0.02 0.00	4.53 0.00 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.88 0.05 0.00	17.34 0.13 0.00	27.11 0.27 0.00	27.04 0.35 0.00	32.46 0.48 0.00	34.32 0.54 0.00	32.10 0.59 0.00	31.81 0.63 0.00	29.81 0.71 0.00	28.18 0.86 0.00
BETHLEHEM___GS2 323561	33.32 0.74 0.00	28.15 0.63 0.00	28.93 0.62 0.00	26.34 0.55 0.00	23.81 0.53 0.00	24.18 0.52 0.00	30.44 0.44 0.00	26.11 0.33 0.00	11.06 0.11 0.00	5.88 0.03 0.00	6.33 0.02 0.00	4.53 0.00 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.88 0.05 0.00	17.34 0.13 0.00	27.11 0.27 0.00	27.04 0.35 0.00	32.46 0.48 0.00	34.32 0.54 0.00	32.10 0.59 0.00	31.81 0.63 0.00	29.81 0.71 0.00	28.18 0.86 0.00
BETHLEHEM___GS3 323562	33.32 0.74 0.00	28.15 0.63 0.00	28.93 0.62 0.00	26.34 0.55 0.00	23.81 0.53 0.00	24.18 0.52 0.00	30.44 0.44 0.00	26.11 0.33 0.00	11.06 0.11 0.00	5.88 0.03 0.00	6.33 0.02 0.00	4.53 0.00 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.88 0.05 0.00	17.34 0.13 0.00	27.11 0.27 0.00	27.04 0.35 0.00	32.46 0.48 0.00	34.32 0.54 0.00	32.10 0.59 0.00	31.81 0.63 0.00	29.81 0.71 0.00	28.18 0.86 0.00
BETHLEHEM___STEEL 23779	29.88 -2.69 0.01	13.66 -2.51 11.36	11.75 -2.74 13.82	9.90 -2.56 13.34	8.19 -2.22 12.87	8.57 -2.15 12.94	13.29 -2.54 14.17	11.48 -1.85 12.45	6.54 -0.68 3.73	5.66 -0.19 0.00	6.24 -0.07 0.00	4.64 0.10 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.65 -0.18 0.00	14.81 -0.50 1.89	25.63 -1.21 0.00	25.04 -1.64 0.00	16.66 -2.02 13.29	16.57 -2.28 14.93	15.02 -1.99 14.50	17.17 -1.89 12.12	25.49 -1.82 1.78	25.94 -1.38 0.00
BETHLHEM_115KV_TB1 79974	33.34 0.76 0.00	28.17 0.65 0.00	28.95 0.64 0.00	26.36 0.57 0.00	23.83 0.55 0.00	24.20 0.54 0.00	30.50 0.50 0.00	26.16 0.38 0.00	11.08 0.14 0.00	5.90 0.04 0.00	6.35 0.04 0.00	4.55 0.00 0.00	-1.48 -0.01 0.00	-4.37 -0.02 0.00	6.90 0.06 0.00	17.39 0.18 0.00	27.18 0.34 0.00	27.11 0.42 0.00	32.56 0.58 0.00	34.42 0.64 0.00	32.19 0.68 0.00	31.90 0.71 0.00	29.86 0.77 0.00	28.21 0.89 0.00
BETHPAGE_CC_5 323564	60.87 2.21 -26.07	31.55 1.86 -2.16	31.29 1.77 -1.20	28.74 1.66 -1.29	26.11 1.57 -1.26	25.36 1.71 0.00	32.25 2.23 -0.02	27.72 1.93 0.00	11.79 0.84 0.00	6.35 0.49 0.00	6.85 0.53 0.00	4.93 0.38 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	13.38 0.65 -5.90	27.70 1.63 -8.86	42.98 2.53 -13.61	51.42 2.50 -22.24	54.49 3.06 -19.44	36.89 3.12 0.00	34.53 3.01 0.00	35.33 3.02 -1.12	38.01 2.70 -6.22	38.08 2.50 -8.26
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.92 -2.65 0.01	14.28 -2.48 10.77	12.50 -2.70 13.11	10.61 -2.53 12.65	8.88 -2.20 12.21	9.26 -2.12 12.27	14.07 -2.50 13.44	12.16 -1.81 11.81	6.75 -0.66 3.54	5.67 -0.19 0.00	6.25 -0.06 0.00	4.65 0.11 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.66 -0.17 0.00	14.93 -0.48 1.80	25.68 -1.16 0.00	25.09 -1.59 0.00	17.41 -1.96 12.61	17.40 -2.22 14.16	15.82 -1.94 13.75	17.85 -1.84 11.50	25.61 -1.79 1.69	25.95 -1.37 0.00

BINGHAMTON___COGEN 23790	32.36 -0.23 0.00	27.31 -0.21 0.00	28.07 -0.24 0.00	25.54 -0.25 0.00	23.09 -0.20 0.00	23.48 -0.17 0.00	29.89 -0.12 0.00	25.67 -0.11 0.00	10.88 -0.07 0.00	5.85 0.00 0.00	6.33 0.01 0.00	4.58 0.04 0.00	-1.48 -0.01 0.00	-4.39 -0.04 0.00	6.84 0.01 0.00	17.18 -0.03 0.00	26.76 -0.08 0.00	26.68 0.00 0.00	32.09 0.11 0.00	33.89 0.12 0.00	31.68 0.16 0.00	31.31 0.13 0.00	29.07 -0.02 0.00	27.36 0.05 0.00
BIXINCNT_115KV_LOAD 355685	29.90 -2.68 0.00	17.32 -2.60 7.60	16.27 -2.78 9.26	14.21 -2.65 8.93	12.24 -2.42 8.62	12.65 -2.34 8.66	17.90 -2.62 9.49	15.66 -1.79 8.34	7.80 -0.65 2.50	5.68 -0.18 0.00	6.25 -0.06 0.00	4.65 0.11 0.00	-1.46 0.02 0.00	-4.32 0.04 0.00	6.59 -0.24 0.00	15.21 -0.72 1.27	25.87 -0.97 0.00	25.24 -1.45 0.00	21.07 -2.01 8.91	21.37 -2.41 10.00	19.47 -2.33 9.71	20.96 -2.10 8.12	25.84 -2.06 1.19	25.71 -1.61 0.00
BLACK RIVER___HYD 24047	30.63 -1.95 0.00	25.80 -1.72 0.00	26.84 -1.47 0.00	24.72 -1.07 0.00	22.24 -1.04 0.00	22.47 -1.19 0.00	28.72 -1.28 0.00	24.54 -1.24 0.00	10.25 -0.70 0.00	5.43 -0.43 0.00	5.86 -0.46 0.00	4.17 -0.37 0.00	-1.36 0.11 0.00	-3.95 0.40 0.00	6.27 -0.57 0.00	16.14 -1.07 0.00	25.73 -1.11 0.00	25.78 -0.91 0.00	30.48 -1.51 0.00	32.27 -1.50 0.00	30.03 -1.49 0.00	20.54 -1.72 8.93	10.40 -1.73 16.96	23.23 -1.70 2.39
BLACKRVR_115KV_TB2 79977	30.63 -1.95 0.00	25.80 -1.72 0.00	26.84 -1.47 0.00	24.72 -1.07 0.00	22.24 -1.04 0.00	22.47 -1.19 0.00	28.72 -1.28 0.00	24.54 -1.24 0.00	10.25 -0.70 0.00	5.43 -0.43 0.00	5.86 -0.46 0.00	4.17 -0.37 0.00	-1.36 0.11 0.00	-3.95 0.40 0.00	6.27 -0.57 0.00	16.14 -1.07 0.00	25.73 -1.11 0.00	25.78 -0.91 0.00	30.48 -1.50 0.00	32.27 -1.50 0.00	30.03 -1.49 0.00	20.54 -1.72 8.93	10.40 -1.73 16.96	23.24 -1.70 2.39
BLISS_WT_PWR 323608	29.80 -2.77 0.00	17.22 -2.70 7.60	16.15 -2.90 9.26	14.08 -2.78 8.93	12.10 -2.57 8.62	12.51 -2.49 8.66	17.77 -2.75 9.49	15.58 -1.87 8.34	7.77 -0.68 2.50	5.66 -0.19 0.00	6.24 -0.07 0.00	4.64 0.11 0.00	-1.45 0.03 0.00	-4.29 0.06 0.00	6.55 -0.28 0.00	15.10 -0.84 1.27	25.87 -0.97 0.00	25.22 -1.46 0.00	21.03 -2.05 8.91	21.23 -2.54 10.00	19.29 -2.51 9.71	20.83 -2.24 8.12	25.70 -2.20 1.19	25.59 -1.73 0.00
BLUESTONE___WT_PWR 323821	33.87 1.28 0.00	28.55 1.03 0.00	29.22 0.92 0.00	26.49 0.70 0.00	23.80 0.52 0.00	24.13 0.47 0.00	30.74 0.73 0.00	26.22 0.44 0.00	11.07 0.13 0.00	5.94 0.08 0.00	6.37 0.06 0.00	4.57 0.02 0.00	-1.53 -0.06 0.00	-4.48 -0.13 0.00	6.83 0.00 0.00	17.07 -0.13 0.00	26.81 -0.03 0.00	26.69 0.01 0.00	32.49 0.51 0.00	34.82 1.04 0.00	32.38 0.86 0.00	32.14 0.95 0.00	29.76 0.67 0.00	27.93 0.62 0.00
BLUE_CIRC_CHEM_DRP 24182	33.56 0.98 0.00	28.35 0.83 0.00	29.14 0.83 0.00	26.55 0.76 0.00	24.00 0.71 0.00	24.39 0.73 0.00	30.77 0.76 0.00	26.33 0.54 0.00	11.14 0.19 0.00	5.93 0.07 0.00	6.38 0.07 0.00	4.57 0.03 0.00	-1.50 -0.03 0.00	-4.42 -0.07 0.00	6.92 0.09 0.00	17.43 0.22 0.00	27.25 0.42 0.00	27.20 0.52 0.00	32.84 0.85 0.00	34.77 1.00 0.00	32.52 1.00 0.00	32.22 1.04 0.00	30.10 1.01 0.00	28.37 1.05 0.00
BOC_GAS_DRP 24189	33.34 0.76 0.00	28.17 0.65 0.00	28.94 0.64 0.00	26.36 0.58 0.00	23.83 0.55 0.00	24.22 0.57 0.00	30.63 0.63 0.00	26.30 0.51 0.00	11.15 0.21 0.00	5.95 0.09 0.00	6.42 0.10 0.00	4.60 0.06 0.00	-1.50 -0.02 0.00	-4.42 -0.07 0.00	6.97 0.13 0.00	17.54 0.33 0.00	27.39 0.55 0.00	27.28 0.60 0.00	32.79 0.81 0.00	34.65 0.87 0.00	32.39 0.87 0.00	32.11 0.92 0.00	29.96 0.87 0.00	28.20 0.89 0.00
BOONVILLE_115KV_TB1 79983	32.18 -0.41 0.00	27.10 -0.42 0.00	28.06 -0.25 0.00	25.73 -0.06 0.00	23.22 -0.06 0.00	23.52 -0.14 0.00	29.94 -0.07 0.00	25.63 -0.16 0.00	10.76 -0.19 0.00	5.71 -0.15 0.00	6.15 -0.16 0.00	4.39 -0.15 0.00	-1.43 0.04 0.00	-4.18 0.17 0.00	6.62 -0.21 0.00	16.86 -0.35 0.00	26.53 -0.31 0.00	26.74 0.05 0.00	31.94 -0.04 0.00	33.76 -0.01 0.00	31.44 -0.08 0.00	40.19 -0.24 -9.24	46.24 -0.34 -17.49	29.39 -0.38 -2.46
BORALEX_4TH_BRANCH 23824	33.92 1.34 0.00	28.67 1.15 0.00	29.49 1.18 0.00	26.81 1.03 0.00	24.23 0.95 0.00	24.60 0.95 0.00	31.13 1.12 0.00	26.67 0.88 0.00	11.25 0.31 0.00	5.93 0.07 0.00	6.39 0.07 0.00	4.56 0.01 0.00	-1.48 0.00 0.00	-4.37 -0.02 0.00	6.91 0.08 0.00	17.47 0.26 0.00	27.35 0.52 0.00	27.40 0.71 0.00	33.12 1.13 0.00	35.11 1.34 0.00	32.90 1.38 0.00	32.62 1.43 0.00	30.45 1.36 0.00	28.62 1.31 0.00
BOWLINE___1 23526	34.05 1.47 0.00	28.73 1.21 0.00	29.43 1.12 0.00	26.85 1.06 0.00	24.31 1.03 0.00	24.78 1.13 0.00	31.45 1.44 0.00	27.11 1.33 0.00	11.55 0.60 0.00	6.20 0.35 0.00	6.69 0.38 0.00	4.81 0.27 0.00	-1.57 -0.10 0.00	-4.64 -0.28 0.00	7.33 0.50 0.00	18.45 1.24 0.00	28.81 1.97 0.00	28.64 1.96 0.00	34.44 2.46 0.00	36.35 2.58 0.00	33.99 2.47 0.00	33.65 2.47 0.00	31.21 2.12 0.00	29.24 1.92 0.00
BOWLINE___2 23595	34.05 1.47 0.00	28.73 1.21 0.00	29.43 1.12 0.00	26.85 1.06 0.00	24.31 1.03 0.00	24.78 1.13 0.00	31.45 1.44 0.00	27.11 1.33 0.00	11.55 0.60 0.00	6.20 0.35 0.00	6.69 0.38 0.00	4.81 0.27 0.00	-1.57 -0.10 0.00	-4.64 -0.28 0.00	7.33 0.50 0.00	18.45 1.24 0.00	28.81 1.97 0.00	28.64 1.96 0.00	34.44 2.46 0.00	36.35 2.58 0.00	33.99 2.47 0.00	33.65 2.47 0.00	31.21 2.12 0.00	29.24 1.92 0.00
BRADY___115KV_TB2 356060	32.54 -0.04 0.00	27.55 0.02 0.00	28.39 0.08 0.00	25.89 0.10 0.00	23.40 0.11 0.00	23.79 0.14 0.00	30.19 0.18 0.00	25.78 0.00 0.00	10.93 -0.02 0.00	5.84 -0.02 0.00	6.28 -0.03 0.00	4.51 -0.03 0.00	-1.47 0.01 0.00	-4.32 0.03 0.00	6.76 -0.08 0.00	17.13 -0.08 0.00	26.74 -0.09 0.00	26.68 -0.01 0.00	31.83 -0.15 0.00	33.63 -0.14 0.00	31.24 -0.28 0.00	27.88 -0.43 2.88	22.83 -0.65 5.61	25.89 -0.63 0.79
BRANSCOMB___SOLAR 323811	34.00 1.42 0.00	28.73 1.21 0.00	29.52 1.21 0.00	26.85 1.06 0.00	24.29 1.00 0.00	24.69 1.04 0.00	31.27 1.27 0.00	26.72 0.94 0.00	11.26 0.31 0.00	5.95 0.09 0.00	6.40 0.09 0.00	4.58 0.04 0.00	-1.49 -0.01 0.00	-4.40 -0.05 0.00	6.96 0.12 0.00	17.55 0.34 0.00	27.47 0.63 0.00	27.53 0.85 0.00	33.49 1.51 0.00	35.61 1.83 0.00	33.33 1.82 0.00	32.98 1.79 0.00	30.68 1.59 0.00	28.79 1.47 0.00
BRDGHMPT_69_KV_BK1 55812	364.56 3.42 -328.55	92.43 2.84 -62.07	66.02 2.98 -34.73	65.79 2.76 -37.24	62.19 2.49 -36.40	26.36 2.70 0.00	33.61 3.59 -0.01	28.75 2.97 0.00	12.14 1.19 0.00	6.47 0.62 0.00	6.93 0.61 0.00	4.96 0.42 0.00	-1.61 -0.13 0.00	-4.73 -0.38 0.00	12.56 0.64 -5.09	26.46 1.60 -7.65	41.12 2.53 -11.75	48.47 2.60 -19.19	52.01 3.25 -16.78	36.73 2.95 0.00	34.37 2.86 0.00	34.85 2.70 -0.97	36.77 2.32 -5.37	36.53 2.10 -7.11

BRENTWOD_69_KV_W. BRTWOOD 56703	110.76 2.49 -75.69	41.91 2.11 -12.27	37.19 2.02 -6.86	35.03 1.88 -7.36	32.24 1.76 -7.19	25.59 1.94 0.00	32.59 2.57 -0.01	27.98 2.20 0.00	11.89 0.94 0.00	6.38 0.52 0.00	6.87 0.56 0.00	4.95 0.40 0.00	-1.61 -0.14 0.00	-4.75 -0.40 0.00	12.71 0.68 -5.20	26.73 1.72 -7.80	41.47 2.64 -11.99	48.86 2.59 -19.58	52.24 3.13 -17.13	36.86 3.09 0.00	34.51 3.00 0.00	35.20 3.02 -0.99	37.33 2.76 -5.47	37.18 2.61 -7.26
BRISTLHL_115KV_TB1 79998	31.68 -0.91 0.00	26.72 -0.80 0.00	27.48 -0.82 0.00	25.03 -0.76 0.00	22.57 -0.72 0.00	22.92 -0.73 0.00	29.09 -0.92 0.00	24.97 -0.81 0.00	10.58 -0.37 0.00	5.67 -0.19 0.00	6.12 -0.20 0.00	4.41 -0.13 0.00	-1.43 0.05 0.00	-4.22 0.13 0.00	6.62 -0.22 0.00	16.68 -0.52 0.00	26.05 -0.79 0.00	25.90 -0.78 0.00	30.97 -1.02 0.00	32.69 -1.08 0.00	30.53 -0.99 0.00	29.65 -0.98 0.56	27.07 -0.95 1.07	26.33 -0.83 0.15
BROOKHAVEN___DRP 24191	361.23 2.76 -325.89	91.37 2.30 -61.55	65.01 2.26 -34.43	64.82 2.10 -36.92	61.34 1.96 -36.10	25.79 2.14 0.00	32.86 2.84 -0.01	28.19 2.40 0.00	11.95 1.01 0.00	6.38 0.53 0.00	6.87 0.55 0.00	4.95 0.41 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	12.60 0.68 -5.09	26.57 1.72 -7.64	41.27 2.69 -11.74	48.53 2.66 -19.18	52.02 3.26 -16.77	36.80 3.03 0.00	34.45 2.94 0.00	35.04 2.89 -0.97	37.02 2.56 -5.36	36.82 2.39 -7.11
BROOKLYN_NAVY_YARD 23515	34.20 1.63 0.01	28.92 1.40 0.00	29.62 1.31 0.00	27.02 1.23 0.00	24.47 1.19 0.00	24.93 1.28 0.00	31.63 1.63 0.00	27.32 1.54 0.00	11.65 0.70 0.00	6.27 0.41 0.00	6.77 0.45 0.00	4.87 0.33 0.00	-1.59 -0.12 0.00	-4.71 -0.34 0.02	7.40 0.58 0.01	18.66 1.45 0.00	29.14 2.31 0.00	29.00 2.32 0.00	34.77 2.80 0.02	36.67 2.91 0.02	34.26 2.75 0.01	33.88 2.70 0.01	31.43 2.35 0.01	29.45 2.13 0.00
BROOKLYN___ARMY_DRP 323595	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
BROOME_2_LFGE 323671	32.36 -0.23 0.00	27.31 -0.21 0.00	28.06 -0.25 0.00	25.54 -0.25 0.00	23.08 -0.20 0.00	23.48 -0.17 0.00	29.88 -0.12 0.00	25.67 -0.11 0.00	10.88 -0.07 0.00	5.85 0.00 0.00	6.33 0.01 0.00	4.58 0.04 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.84 0.01 0.00	17.18 -0.03 0.00	26.76 -0.08 0.00	26.68 -0.01 0.00	32.08 0.10 0.00	33.89 0.11 0.00	31.68 0.17 0.00	31.31 0.12 0.00	29.07 -0.03 0.00	27.36 0.04 0.00
BROOME___LFGE 323600	32.36 -0.23 0.00	27.31 -0.21 0.00	28.06 -0.25 0.00	25.54 -0.25 0.00	23.08 -0.20 0.00	23.48 -0.17 0.00	29.88 -0.12 0.00	25.67 -0.11 0.00	10.88 -0.07 0.00	5.85 0.00 0.00	6.33 0.01 0.00	4.58 0.04 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.84 0.01 0.00	17.18 -0.03 0.00	26.76 -0.08 0.00	26.68 -0.01 0.00	32.08 0.10 0.00	33.89 0.11 0.00	31.68 0.17 0.00	31.31 0.12 0.00	29.07 -0.03 0.00	27.36 0.04 0.00
BROWNFLS_115KV_TB 3_5 80003	31.05 -1.53 0.00	26.22 -1.31 0.00	27.18 -1.13 0.00	24.93 -0.86 0.00	22.50 -0.78 0.00	22.80 -0.86 0.00	29.04 -0.97 0.00	24.88 -0.90 0.00	10.47 -0.48 0.00	5.56 -0.29 0.00	5.99 -0.32 0.00	4.27 -0.27 0.00	-1.39 0.08 0.00	-4.07 0.28 0.00	6.39 -0.44 0.00	16.31 -0.90 0.00	25.64 -1.20 0.00	25.63 -1.06 0.00	30.47 -1.51 0.00	32.25 -1.52 0.00	29.94 -1.58 0.00	20.30 -1.76 9.13	9.91 -1.80 17.38	23.17 -1.70 2.45
BROWNSV1_27_KV_LOAD 356125	34.57 1.98 0.00	29.20 1.68 0.00	29.90 1.59 0.00	27.27 1.48 0.00	24.69 1.41 0.00	25.16 1.51 0.00	31.94 1.93 0.00	27.58 1.79 0.00	11.76 0.81 0.00	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.74 -0.39 0.00	7.49 0.65 0.00	18.86 1.65 0.00	29.44 2.60 0.00	29.29 2.60 0.00	35.15 3.17 0.00	37.09 3.31 0.00	34.65 3.14 0.00	34.27 3.09 0.00	31.78 2.69 0.00	29.76 2.44 0.00
BURROWS___LYONSDAL 23803	31.76 -0.82 0.00	26.74 -0.78 0.00	27.75 -0.56 0.00	25.48 -0.30 0.00	23.01 -0.27 0.00	23.27 -0.38 0.00	29.66 -0.34 0.00	25.40 -0.38 0.00	10.65 -0.29 0.00	5.65 -0.21 0.00	6.09 -0.23 0.00	4.33 -0.21 0.00	-1.42 0.06 0.00	-4.13 0.23 0.00	6.53 -0.30 0.00	16.66 -0.54 0.00	26.28 -0.56 0.00	26.44 -0.25 0.00	31.53 -0.45 0.00	33.36 -0.41 0.00	31.03 -0.48 0.00	30.53 -0.66 0.00	28.36 -0.73 0.00	26.57 -0.75 0.00
CAITHNESS_CC_1 323624	358.68 2.63 -323.46	90.80 2.20 -61.07	64.63 2.15 -34.17	64.43 2.00 -36.64	60.97 1.87 -35.82	25.70 2.04 0.00	32.75 2.73 -0.01	28.10 2.31 0.00	11.92 0.97 0.00	6.37 0.52 0.00	6.86 0.55 0.00	4.95 0.41 0.00	-1.61 -0.14 0.00	-4.76 -0.40 0.00	12.59 0.67 -5.09	26.55 1.70 -7.64	41.22 2.65 -11.74	48.48 2.62 -19.17	51.94 3.20 -16.76	36.77 3.00 0.00	34.43 2.91 0.00	35.03 2.88 -0.97	37.04 2.59 -5.36	36.84 2.42 -7.11
CALPINE BETH_PAGE_GT4 24209	50.79 2.21 -15.99	29.41 1.87 -0.01	30.09 1.78 0.00	27.45 1.66 0.00	24.85 1.56 0.00	25.36 1.71 0.00	32.25 2.23 -0.02	27.72 1.93 0.00	11.79 0.85 0.00	6.35 0.49 0.00	6.85 0.53 0.00	4.93 0.39 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	13.72 0.65 -6.23	28.20 1.63 -9.35	43.75 2.54 -14.37	52.66 2.50 -23.47	55.58 3.07 -20.52	36.92 3.14 0.00	34.55 3.04 0.00	35.41 3.04 -1.18	38.37 2.71 -6.56	38.54 2.51 -8.72
CALPINE_BETH_PAGE_GT_4 323586	50.79 2.21 -15.99	29.40 1.86 -0.01	30.08 1.77 0.00	27.45 1.66 0.00	24.85 1.57 0.00	25.36 1.71 0.00	32.24 2.22 -0.02	27.71 1.93 0.00	11.79 0.84 0.00	6.35 0.49 0.00	6.85 0.53 0.00	4.93 0.39 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	13.72 0.65 -6.23	28.19 1.63 -9.35	43.75 2.54 -14.37	52.65 2.50 -23.47	55.58 3.07 -20.52	36.91 3.14 0.00	34.56 3.04 0.00	35.41 3.04 -1.18	38.37 2.71 -6.56	38.54 2.51 -8.72
CALPINE_BP_GT1 23823	50.79 2.21 -15.99	29.40 1.86 -0.01	30.08 1.77 0.00	27.45 1.66 0.00	24.85 1.57 0.00	25.36 1.71 0.00	32.24 2.22 -0.02	27.71 1.93 0.00	11.79 0.84 0.00	6.35 0.49 0.00	6.85 0.53 0.00	4.93 0.39 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	13.72 0.65 -6.23	28.19 1.63 -9.35	43.75 2.54 -14.37	52.65 2.50 -23.47	55.58 3.07 -20.52	36.91 3.14 0.00	34.56 3.04 0.00	35.41 3.04 -1.18	38.37 2.71 -6.56	38.54 2.51 -8.72
CALSPAN___DRP 24200	29.88 -2.69 0.01	13.66 -2.51 11.36	11.75 -2.74 13.82	9.90 -2.56 13.34	8.19 -2.22 12.87	8.57 -2.15 12.94	13.29 -2.54 14.17	11.48 -1.85 12.45	6.54 -0.68 3.73	5.66 -0.19 0.00	6.24 -0.07 0.00	4.64 0.10 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.65 -0.18 0.00	14.81 -0.50 1.89	25.63 -1.21 0.00	25.04 -1.64 0.00	16.66 -2.02 13.29	16.57 -2.28 14.93	15.02 -1.99 14.50	17.17 -1.89 12.12	25.49 -1.82 1.78	25.94 -1.38 0.00

CALVERTON___SOLAR 323806	362.49 2.87 -327.03	91.68 2.39 -61.77	65.24 2.37 -34.56	65.05 2.20 -37.06	61.56 2.04 -36.23	25.88 2.23 0.00	32.98 2.96 -0.01	28.27 2.49 0.00	11.98 1.04 0.00	6.39 0.53 0.00	6.87 0.56 0.00	4.96 0.41 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	12.61 0.68 -5.09	26.57 1.72 -7.64	41.29 2.70 -11.74	48.57 2.70 -19.18	52.08 3.32 -16.77	36.82 3.05 0.00	34.48 2.96 0.00	35.04 2.89 -0.97	37.01 2.55 -5.36	36.79 2.37 -7.11
CANDIGU_WT_PWR 323617	30.70 -1.84 0.04	-31.23 -1.56 57.18	-43.00 -1.70 69.61	-43.00 -1.62 67.16	-43.00 -1.46 64.82	-43.00 -1.51 65.14	-43.00 -1.65 71.35	-38.28 -1.36 62.71	-8.44 -0.61 18.78	5.63 -0.22 0.00	6.11 -0.20 0.00	4.51 -0.03 0.00	-1.42 0.05 0.00	-4.26 0.09 0.00	6.46 -0.37 0.00	6.72 -0.94 9.55	25.57 -1.27 0.00	25.62 -1.06 0.00	-36.36 -1.34 67.01	-43.00 -1.52 75.25	-43.00 -1.41 73.11	-31.39 -1.47 61.11	18.54 -1.58 8.98	26.05 -1.26 0.00
CARR STREET_E_SYR 24060	32.11 -0.47 0.00	27.09 -0.43 0.00	27.86 -0.45 0.00	25.36 -0.43 0.00	22.88 -0.40 0.00	23.25 -0.40 0.00	29.52 -0.48 0.00	25.35 -0.44 0.00	10.74 -0.21 0.00	5.75 -0.10 0.00	6.22 -0.10 0.00	4.49 -0.05 0.00	-1.45 0.02 0.00	-4.30 0.05 0.00	6.73 -0.10 0.00	16.96 -0.25 0.00	26.48 -0.35 0.00	26.35 -0.33 0.00	31.51 -0.47 0.00	33.27 -0.51 0.00	31.07 -0.44 0.00	30.75 -0.44 0.00	28.61 -0.48 0.00	26.93 -0.39 0.00
CARTHAGE___PAPER 23857	30.74 -1.84 0.00	25.89 -1.63 0.00	26.95 -1.36 0.00	24.82 -0.97 0.00	22.37 -0.92 0.00	22.59 -1.06 0.00	28.86 -1.14 0.00	24.70 -1.09 0.00	10.33 -0.62 0.00	5.47 -0.38 0.00	5.90 -0.42 0.00	4.19 -0.35 0.00	-1.37 0.10 0.00	-3.98 0.38 0.00	6.30 -0.54 0.00	16.18 -1.03 0.00	25.70 -1.13 0.00	25.74 -0.94 0.00	30.50 -1.48 0.00	32.31 -1.46 0.00	30.03 -1.48 0.00	18.86 -1.71 10.61	7.23 -1.71 20.14	22.81 -1.68 2.83
CASSADAGA_WT_PWR 323784	29.83 -2.75 0.01	16.26 -2.77 8.48	14.79 -3.19 10.33	12.93 -2.90 9.96	11.20 -2.46 9.62	11.69 -2.30 9.66	16.78 -2.64 10.59	14.54 -1.95 9.30	7.47 -0.70 2.79	5.70 -0.15 0.00	6.30 -0.01 0.00	4.66 0.12 0.00	-1.45 0.02 0.00	-4.28 0.08 0.00	6.56 -0.27 0.00	15.56 -0.23 1.41	25.88 -0.95 0.00	24.70 -1.99 0.00	19.63 -2.43 9.92	20.34 -2.29 11.14	18.67 -2.02 10.82	20.07 -2.07 9.05	25.75 -2.01 1.33	25.70 -1.62 0.00
CE_DUNWOOD___DRP 24194	34.22 1.64 0.00	28.90 1.38 0.00	29.60 1.30 0.00	27.00 1.22 0.00	24.45 1.17 0.00	24.92 1.27 0.00	31.62 1.62 0.00	27.26 1.48 0.00	11.61 0.66 0.00	6.24 0.39 0.00	6.73 0.42 0.00	4.84 0.30 0.00	-1.58 -0.11 0.00	-4.66 -0.31 0.00	7.36 0.53 0.00	18.55 1.34 0.00	28.96 2.13 0.00	28.81 2.13 0.00	34.63 2.65 0.00	36.54 2.77 0.00	34.17 2.65 0.00	33.82 2.63 0.00	31.37 2.28 0.00	29.40 2.08 0.00
CE_MILLWOOD___DRP 24193	34.15 1.57 0.00	28.84 1.32 0.00	29.55 1.24 0.00	26.96 1.17 0.00	24.41 1.12 0.00	24.88 1.22 0.00	31.56 1.56 0.00	27.21 1.43 0.00	11.59 0.64 0.00	6.23 0.37 0.00	6.71 0.40 0.00	4.83 0.29 0.00	-1.58 -0.10 0.00	-4.65 -0.30 0.00	7.34 0.51 0.00	18.50 1.29 0.00	28.89 2.06 0.00	28.74 2.05 0.00	34.55 2.57 0.00	36.46 2.69 0.00	34.09 2.57 0.00	33.75 2.56 0.00	31.30 2.21 0.00	29.34 2.02 0.00
CE_NYC2_DRP 24202	34.39 1.81 0.00	29.10 1.57 0.00	29.79 1.49 0.00	27.19 1.41 0.00	24.63 1.35 0.00	25.10 1.44 0.00	31.84 1.84 0.00	27.50 1.71 -0.01	11.72 0.77 -0.01	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.63 0.00	18.80 1.59 0.00	29.33 2.49 0.00	29.19 2.49 -0.01	34.99 3.01 0.00	36.89 3.11 0.00	34.46 2.95 0.00	34.10 2.92 0.00	31.62 2.53 0.00	29.61 2.29 0.00
CE_NYC_DRP 24195	34.38 1.79 0.00	29.06 1.54 0.00	29.75 1.44 0.00	27.14 1.35 0.00	24.58 1.29 0.00	25.03 1.38 0.00	31.77 1.77 0.00	27.44 1.65 0.00	11.70 0.75 0.00	6.30 0.44 0.00	6.80 0.48 0.00	4.89 0.35 0.00	-1.60 -0.13 0.00	-4.72 -0.36 0.00	7.45 0.61 0.00	18.75 1.54 0.00	29.27 2.43 0.00	29.11 2.43 0.00	34.94 2.96 0.00	36.86 3.09 0.00	34.43 2.92 0.00	34.05 2.86 0.00	31.58 2.49 0.00	29.58 2.27 0.00
CHAFFEE___LFGE 323603	30.02 -2.55 0.01	15.71 -2.36 9.46	14.22 -2.57 11.52	12.27 -2.41 11.11	10.47 -2.09 10.72	10.87 -2.01 10.78	15.87 -2.33 11.81	13.73 -1.68 10.37	7.22 -0.62 3.11	5.68 -0.17 0.00	6.26 -0.05 0.00	4.65 0.11 0.00	-1.49 -0.02 0.00	-4.41 -0.06 0.00	6.68 -0.15 0.00	15.19 -0.44 1.58	25.70 -1.14 0.00	25.13 -1.56 0.00	19.08 -1.82 11.08	19.23 -2.10 12.44	17.62 -1.82 12.09	19.36 -1.73 10.10	25.86 -1.75 1.48	26.00 -1.32 0.00
CHATEAUG_35_KV_LOAD 355732	32.11 -0.47 0.00	27.14 -0.38 0.00	27.95 -0.36 0.00	25.51 -0.28 0.00	23.02 -0.26 0.00	23.37 -0.28 0.00	29.70 -0.31 0.00	25.55 -0.23 0.00	10.86 -0.09 0.00	5.81 -0.05 0.00	6.24 -0.07 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.79 -0.04 0.00	17.09 -0.12 0.00	26.54 -0.30 0.00	26.39 -0.29 0.00	31.51 -0.47 0.00	33.18 -0.60 0.00	30.61 -0.91 0.00	28.51 -1.22 1.46	24.94 -1.26 2.89	25.77 -1.14 0.41
CHATEAUG_WT_PWR 323614	32.14 -0.44 0.00	27.15 -0.37 0.00	27.95 -0.36 0.00	25.51 -0.28 0.00	23.03 -0.26 0.00	23.38 -0.27 0.00	29.71 -0.29 0.00	25.59 -0.20 0.00	10.87 -0.07 0.00	5.82 -0.04 0.00	6.25 -0.07 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.32 0.04 0.00	6.80 -0.04 0.00	17.12 -0.09 0.00	26.57 -0.27 0.00	26.43 -0.25 0.00	31.52 -0.46 0.00	33.17 -0.60 0.00	30.56 -0.96 0.00	28.78 -1.30 1.11	25.55 -1.30 2.24	25.86 -1.15 0.31
CHAT_HIGH_FALL_HYD 323578	32.11 -0.47 0.00	27.14 -0.38 0.00	27.95 -0.36 0.00	25.51 -0.28 0.00	23.02 -0.26 0.00	23.37 -0.28 0.00	29.70 -0.31 0.00	25.55 -0.23 0.00	10.86 -0.09 0.00	5.81 -0.05 0.00	6.24 -0.07 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.79 -0.04 0.00	17.09 -0.12 0.00	26.54 -0.30 0.00	26.39 -0.29 0.00	31.51 -0.47 0.00	33.18 -0.60 0.00	30.61 -0.91 0.00	28.51 -1.22 1.46	24.94 -1.26 2.89	25.77 -1.14 0.41
CHAUTAUQUA___LFGE 323629	30.10 -2.48 0.01	14.92 -2.40 10.20	13.21 -2.68 12.42	11.32 -2.48 11.98	9.61 -2.11 11.56	10.02 -2.01 11.62	15.00 -2.27 12.73	12.92 -1.67 11.19	6.98 -0.62 3.35	5.72 -0.14 0.00	6.30 -0.01 0.00	4.68 0.13 0.00	-1.48 -0.01 0.00	-4.38 -0.03 0.00	6.67 -0.16 0.00	15.27 -0.24 1.70	25.92 -0.91 0.00	25.03 -1.66 0.00	18.07 -1.98 11.93	18.33 -2.05 13.40	16.75 -1.74 13.02	18.56 -1.75 10.88	25.74 -1.75 1.60	25.97 -1.35 0.00
CHERRYST_13_KV_LD 356241	34.46 1.87 0.00	29.13 1.60 0.00	29.82 1.52 0.00	27.20 1.41 0.00	24.63 1.35 0.00	25.09 1.44 0.00	31.85 1.84 0.00	27.50 1.72 0.00	11.72 0.78 0.00	6.31 0.46 0.00	6.82 0.50 0.00	4.91 0.37 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	7.47 0.63 0.00	18.80 1.60 0.00	29.36 2.52 0.00	29.20 2.51 0.00	35.04 3.06 0.00	36.96 3.19 0.00	34.52 3.01 0.00	34.14 2.95 0.00	31.66 2.57 0.00	29.65 2.34 0.00

CHESTROR_138KV_BK263 355645	33.91 1.33 0.00	28.63 1.11 0.00	29.34 1.03 0.00	26.74 0.96 0.00	24.22 0.93 0.00	24.68 1.02 0.00	31.30 1.30 0.00	26.97 1.18 0.00	11.48 0.53 0.00	6.16 0.30 0.00	6.64 0.33 0.00	4.77 0.23 0.00	-1.55 -0.08 0.00	-4.59 -0.24 0.00	7.26 0.42 0.00	18.27 1.06 0.00	28.52 1.69 0.00	28.40 1.71 0.00	34.17 2.19 0.00	36.10 2.32 0.00	33.77 2.26 0.00	33.45 2.26 0.00	31.02 1.93 0.00	29.07 1.75 0.00
CH_MIDHUDSON___DRP 24192	34.14 1.56 0.00	28.83 1.31 0.00	29.57 1.26 0.00	26.96 1.17 0.00	24.40 1.12 0.00	24.86 1.20 0.00	31.52 1.52 0.00	27.15 1.36 0.00	11.54 0.60 0.00	6.18 0.33 0.00	6.66 0.35 0.00	4.78 0.24 0.00	-1.56 -0.08 0.00	-4.60 -0.25 0.00	7.27 0.43 0.00	18.32 1.11 0.00	28.67 1.83 0.00	28.54 1.86 0.00	34.37 2.39 0.00	36.31 2.53 0.00	33.96 2.45 0.00	33.64 2.45 0.00	31.22 2.13 0.00	29.27 1.95 0.00
CH_MISC_IPPS 23765	34.27 1.69 0.00	28.93 1.41 0.00	29.65 1.35 0.00	27.04 1.25 0.00	24.47 1.19 0.00	24.94 1.28 0.00	31.63 1.63 0.00	27.25 1.47 0.00	11.59 0.64 0.00	6.21 0.35 0.00	6.69 0.38 0.00	4.80 0.26 0.00	-1.56 -0.09 0.00	-4.62 -0.27 0.00	7.31 0.48 0.00	18.42 1.21 0.00	28.82 1.98 0.00	28.72 2.03 0.00	34.59 2.61 0.00	36.54 2.76 0.00	34.19 2.67 0.00	33.84 2.66 0.00	31.40 2.31 0.00	29.42 2.10 0.00
CH_RES_BVR_FALLS 23983	32.36 -0.22 0.00	27.35 -0.17 0.00	28.17 -0.14 0.00	25.68 -0.11 0.00	23.17 -0.11 0.00	23.53 -0.12 0.00	29.87 -0.13 0.00	25.70 -0.09 0.00	10.92 -0.03 0.00	5.84 -0.02 0.00	6.29 -0.03 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.33 0.02 0.00	6.79 -0.04 0.00	17.11 -0.09 0.00	26.70 -0.13 0.00	26.52 -0.16 0.00	31.75 -0.24 0.00	33.52 -0.26 0.00	31.21 -0.30 0.00	30.82 -0.36 0.00	28.69 -0.40 0.00	26.96 -0.36 0.00
CH_RES_NIAGARA 23895	29.32 -3.26 0.01	15.66 -2.93 8.93	14.29 -3.15 10.87	12.39 -2.91 10.49	10.62 -2.54 10.12	11.00 -2.48 10.17	15.85 -3.02 11.14	13.75 -2.25 9.79	7.21 -0.81 2.93	5.59 -0.26 0.00	6.17 -0.14 0.00	4.59 0.05 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.26 0.00	14.99 -0.73 1.49	25.12 -1.71 0.00	24.54 -2.14 0.00	18.80 -2.66 10.52	19.01 -2.95 11.82	17.41 -2.62 11.48	19.11 -2.49 9.59	25.40 -2.30 1.40	25.49 -1.82 0.00
CH_RES_SYRACUSE 23985	32.32 -0.26 0.00	27.26 -0.27 0.00	28.05 -0.26 0.00	25.54 -0.25 0.00	23.03 -0.25 0.00	23.41 -0.25 0.00	29.72 -0.28 0.00	25.50 -0.29 0.00	10.79 -0.16 0.00	5.77 -0.08 0.00	6.24 -0.08 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.74 -0.09 0.00	17.00 -0.20 0.00	26.61 -0.23 0.00	26.50 -0.18 0.00	31.70 -0.28 0.00	33.46 -0.31 0.00	31.26 -0.26 0.00	30.93 -0.26 0.00	28.76 -0.33 0.00	27.07 -0.25 0.00
CLINTON_WT_PWR 323605	32.14 -0.44 0.00	27.15 -0.37 0.00	27.95 -0.36 0.00	25.51 -0.28 0.00	23.03 -0.26 0.00	23.38 -0.27 0.00	29.71 -0.29 0.00	25.59 -0.20 0.00	10.87 -0.07 0.00	5.82 -0.04 0.00	6.25 -0.07 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.32 0.04 0.00	6.80 -0.04 0.00	17.12 -0.09 0.00	26.57 -0.27 0.00	26.43 -0.25 0.00	31.52 -0.46 0.00	33.17 -0.60 0.00	30.56 -0.96 0.00	28.78 -1.30 1.11	25.55 -1.30 2.24	25.86 -1.15 0.31
CLINTON___LFGE 323618	32.41 -0.17 0.00	27.37 -0.15 0.00	28.13 -0.17 0.00	25.69 -0.10 0.00	23.19 -0.09 0.00	23.56 -0.09 0.00	29.97 -0.03 0.00	25.81 0.02 0.00	10.93 -0.02 0.00	5.84 -0.01 0.00	6.28 -0.03 0.00	4.53 -0.01 0.00	-1.46 0.01 0.00	-4.34 0.02 0.00	6.83 0.00 0.00	17.22 0.01 0.00	26.77 -0.07 0.00	26.66 -0.03 0.00	31.85 -0.13 0.00	33.50 -0.28 0.00	30.73 -0.79 0.00	28.70 -1.29 1.20	25.52 -1.16 2.41	26.04 -0.94 0.34
COBBLENY_34_KV_TB1 80064	30.03 -2.55 0.01	15.68 -2.38 9.46	14.20 -2.60 11.52	12.25 -2.42 11.11	10.46 -2.10 10.72	10.86 -2.02 10.78	15.83 -2.36 11.81	13.70 -1.71 10.37	7.22 -0.62 3.11	5.68 -0.17 0.00	6.26 -0.05 0.00	4.65 0.11 0.00	-1.49 -0.02 0.00	-4.41 -0.06 0.00	6.68 -0.15 0.00	15.19 -0.44 1.58	25.70 -1.13 0.00	25.14 -1.55 0.00	19.01 -1.89 11.08	19.19 -2.14 12.44	17.58 -1.85 12.09	19.33 -1.75 10.10	25.87 -1.74 1.48	26.00 -1.32 0.00
COFFEEN___115KV_TB3 355620	30.73 -1.85 0.00	25.88 -1.64 0.00	26.90 -1.41 0.00	24.76 -1.03 0.00	22.29 -1.00 0.00	22.53 -1.13 0.00	28.77 -1.24 0.00	24.56 -1.23 0.00	10.24 -0.70 0.00	5.43 -0.43 0.00	5.86 -0.46 0.00	4.17 -0.37 0.00	-1.37 0.11 0.00	-3.96 0.40 0.00	6.28 -0.56 0.00	16.17 -1.03 0.00	25.82 -1.01 0.00	25.90 -0.79 0.00	30.61 -1.38 0.00	32.38 -1.39 0.00	30.14 -1.38 0.00	20.96 -1.60 8.63	11.07 -1.63 16.39	23.40 -1.61 2.31
COLDSPRG_115KV_BK1 355956	30.48 -2.10 0.00	19.76 -1.99 5.77	19.06 -2.22 7.02	16.96 -2.05 6.78	15.01 -1.74 6.54	15.48 -1.60 6.57	21.04 -1.77 7.20	18.28 -1.18 6.33	8.63 -0.42 1.89	5.81 -0.04 0.00	6.39 0.08 0.00	4.72 0.18 0.00	-1.49 -0.02 0.00	-4.41 -0.06 0.00	6.79 -0.04 0.00	16.24 0.00 0.96	26.25 -0.59 0.00	25.44 -1.24 0.00	23.81 -1.42 6.75	24.77 -1.42 7.58	22.95 -1.20 7.37	23.78 -1.24 6.16	26.84 -1.34 0.90	26.33 -0.99 0.00
COLONIE_LFGE___ 323577	33.67 1.09 0.00	28.45 0.93 0.00	29.23 0.93 0.00	26.61 0.82 0.00	24.06 0.77 0.00	24.44 0.79 0.00	30.91 0.91 0.00	26.49 0.70 0.00	11.20 0.25 0.00	5.93 0.08 0.00	6.39 0.08 0.00	4.57 0.03 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.93 0.10 0.00	17.48 0.27 0.00	27.34 0.51 0.00	27.35 0.66 0.00	33.03 1.05 0.00	34.98 1.20 0.00	32.74 1.23 0.00	32.44 1.26 0.00	30.27 1.17 0.00	28.45 1.14 0.00
COOPERNY_115KV_TB1 80082	33.75 1.17 0.00	28.49 0.96 0.00	29.20 0.89 0.00	26.63 0.84 0.00	24.10 0.81 0.00	24.55 0.90 0.00	31.14 1.13 0.00	26.81 1.02 0.00	11.41 0.46 0.00	6.12 0.27 0.00	6.60 0.28 0.00	4.73 0.19 0.00	-1.54 -0.07 0.00	-4.56 -0.21 0.00	7.20 0.37 0.00	18.12 0.91 0.00	28.29 1.45 0.00	28.16 1.47 0.00	33.89 1.90 0.00	35.79 2.02 0.00	33.48 1.97 0.00	33.16 1.97 0.00	30.78 1.68 0.00	28.85 1.53 0.00
COPENHAGEN_WT_PWR 323753	30.34 -2.24 0.00	25.57 -1.95 0.00	26.64 -1.67 0.00	24.56 -1.23 0.00	22.08 -1.20 0.00	22.27 -1.38 0.00	28.53 -1.48 0.00	24.47 -1.32 0.00	10.24 -0.71 0.00	5.42 -0.43 0.00	5.85 -0.46 0.00	4.15 -0.39 0.00	-1.36 0.12 0.00	-3.93 0.42 0.00	6.24 -0.60 0.00	16.05 -1.16 0.00	25.58 -1.25 0.00	25.55 -1.14 0.00	30.17 -1.81 0.00	32.00 -1.78 0.00	29.75 -1.76 0.00	21.07 -2.02 8.10	11.69 -2.01 15.39	23.21 -1.94 2.17
CORNELL_____ 23752	32.80 0.22 0.00	30.92 0.14 -3.26	32.41 0.13 -3.96	29.70 0.09 -3.82	27.03 0.06 -3.69	27.44 0.08 -3.71	34.25 0.19 -4.06	29.40 0.04 -3.57	11.95 -0.07 -1.07	5.81 -0.04 0.00	6.27 -0.04 0.00	4.53 -0.01 0.00	-1.47 0.01 0.00	-4.34 0.02 0.00	6.77 -0.06 0.00	17.56 -0.20 -0.54	26.71 -0.13 0.00	26.93 0.24 0.00	36.22 0.42 -3.83	38.56 0.51 -4.28	36.18 0.51 -4.16	35.12 0.46 -3.48	29.85 0.25 -0.51	27.58 0.26 0.00

CORONA_69_KV_TB1 355595	61.21 2.03 -26.59	29.28 1.74 -0.02	29.96 1.65 0.00	27.34 1.55 0.00	24.75 1.47 0.00	25.25 1.59 0.00	32.07 2.04 -0.03	27.57 1.79 0.00	11.74 0.80 0.00	6.33 0.48 0.00	6.83 0.52 0.00	4.92 0.37 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	17.83 0.63 -10.36	34.34 1.57 -15.55	53.17 2.44 -23.90	68.11 2.40 -39.03	69.07 2.96 -34.13	36.86 3.08 0.00	34.49 2.97 0.00	36.12 2.96 -1.97	42.62 2.62 -10.91	44.23 2.41 -14.50
CORTLAND_115KV_TB3 80093	32.62 0.04 0.00	27.53 0.00 0.00	28.30 -0.01 0.00	25.76 -0.03 0.00	23.26 -0.02 0.00	23.64 -0.01 0.00	30.05 0.05 0.00	25.75 -0.04 0.00	10.87 -0.08 0.00	5.82 -0.03 0.00	6.28 -0.03 0.00	4.53 -0.01 0.00	-1.47 0.01 0.00	-4.34 0.01 0.00	6.80 -0.04 0.00	17.09 -0.11 0.00	26.72 -0.11 0.00	26.83 0.14 0.00	32.22 0.24 0.00	34.05 0.27 0.00	31.80 0.29 0.00	31.59 0.24 -0.16	29.18 0.09 0.00	27.44 0.13 0.00
COXSACKIE___GT 23611	34.45 1.87 0.00	29.05 1.53 0.00	29.85 1.54 0.00	27.18 1.40 0.00	24.58 1.29 0.00	24.99 1.33 0.00	31.52 1.52 0.00	26.97 1.19 0.00	11.33 0.38 0.00	5.98 0.13 0.00	6.43 0.12 0.00	4.60 0.06 0.00	-1.50 -0.03 0.00	-4.43 -0.08 0.00	6.98 0.14 0.00	17.61 0.40 0.00	27.63 0.79 0.00	27.68 1.00 0.00	33.57 1.59 0.00	35.90 2.13 0.00	33.67 2.15 0.00	33.32 2.13 0.00	31.06 1.97 0.00	29.22 1.90 0.00
CPV_VALLEY___CC1 323721	33.71 1.13 0.00	28.44 0.92 0.00	29.15 0.84 0.00	26.59 0.80 0.00	24.07 0.79 0.00	24.52 0.87 0.00	31.11 1.10 0.00	26.80 1.01 0.00	11.41 0.47 0.00	6.13 0.27 0.00	6.61 0.29 0.00	4.74 0.20 0.00	-1.54 -0.07 0.00	-4.57 -0.22 0.00	7.22 0.39 0.00	18.17 0.96 0.00	28.35 1.51 0.00	28.21 1.52 0.00	33.93 1.94 0.00	35.82 2.05 0.00	33.51 1.99 0.00	33.19 2.00 0.00	30.79 1.70 0.00	28.86 1.54 0.00
CPV_VALLEY___CC2 323722	33.71 1.13 0.00	28.44 0.92 0.00	29.15 0.84 0.00	26.59 0.80 0.00	24.07 0.79 0.00	24.52 0.87 0.00	31.11 1.10 0.00	26.80 1.01 0.00	11.41 0.47 0.00	6.13 0.27 0.00	6.61 0.29 0.00	4.74 0.20 0.00	-1.54 -0.07 0.00	-4.57 -0.22 0.00	7.22 0.39 0.00	18.17 0.96 0.00	28.35 1.51 0.00	28.21 1.52 0.00	33.93 1.94 0.00	35.82 2.05 0.00	33.51 1.99 0.00	33.19 2.00 0.00	30.79 1.70 0.00	28.86 1.54 0.00
CRESCENT___HYD 24018	33.67 1.09 0.00	28.45 0.93 0.00	29.23 0.93 0.00	26.61 0.82 0.00	24.06 0.77 0.00	24.44 0.79 0.00	30.91 0.91 0.00	26.49 0.70 0.00	11.20 0.25 0.00	5.93 0.08 0.00	6.39 0.08 0.00	4.57 0.03 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.93 0.10 0.00	17.48 0.27 0.00	27.34 0.51 0.00	27.35 0.66 0.00	33.03 1.05 0.00	34.98 1.20 0.00	32.74 1.23 0.00	32.44 1.26 0.00	30.27 1.17 0.00	28.45 1.14 0.00
CRICKET___VALLEY_CC1 323756	33.93 1.35 0.00	28.68 1.16 0.00	29.42 1.12 0.00	26.85 1.07 0.00	24.29 1.01 0.00	24.75 1.09 0.00	31.38 1.37 0.00	27.00 1.22 0.00	11.48 0.54 0.00	6.14 0.29 0.00	6.61 0.30 0.00	4.74 0.20 0.00	-1.54 -0.06 0.00	-4.55 -0.20 0.00	7.19 0.36 0.00	18.13 0.93 0.00	28.42 1.58 0.00	28.27 1.59 0.00	34.08 2.10 0.00	36.03 2.26 0.00	33.72 2.21 0.00	33.42 2.23 0.00	31.03 1.93 0.00	29.12 1.80 0.00
CRICKET___VALLEY_CC2 323757	33.93 1.35 0.00	28.68 1.16 0.00	29.42 1.12 0.00	26.85 1.07 0.00	24.29 1.01 0.00	24.75 1.09 0.00	31.38 1.37 0.00	27.00 1.22 0.00	11.48 0.54 0.00	6.14 0.29 0.00	6.61 0.30 0.00	4.74 0.20 0.00	-1.54 -0.06 0.00	-4.55 -0.20 0.00	7.19 0.36 0.00	18.13 0.93 0.00	28.42 1.58 0.00	28.27 1.59 0.00	34.08 2.10 0.00	36.03 2.26 0.00	33.72 2.21 0.00	33.42 2.23 0.00	31.03 1.93 0.00	29.12 1.80 0.00
CRICKET___VALLEY_CC3 323758	33.93 1.35 0.00	28.68 1.16 0.00	29.42 1.12 0.00	26.85 1.07 0.00	24.29 1.01 0.00	24.75 1.09 0.00	31.38 1.37 0.00	27.00 1.22 0.00	11.48 0.54 0.00	6.14 0.29 0.00	6.61 0.30 0.00	4.74 0.20 0.00	-1.54 -0.06 0.00	-4.55 -0.20 0.00	7.19 0.36 0.00	18.13 0.93 0.00	28.42 1.58 0.00	28.27 1.59 0.00	34.08 2.10 0.00	36.03 2.26 0.00	33.72 2.21 0.00	33.42 2.23 0.00	31.03 1.93 0.00	29.12 1.80 0.00
CRUCIBLE_METL_DRP 24180	32.32 -0.26 0.00	27.26 -0.27 0.00	28.05 -0.26 0.00	25.54 -0.25 0.00	23.03 -0.25 0.00	23.41 -0.25 0.00	29.72 -0.28 0.00	25.50 -0.29 0.00	10.79 -0.16 0.00	5.77 -0.08 0.00	6.24 -0.08 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.74 -0.09 0.00	17.00 -0.20 0.00	26.61 -0.23 0.00	26.50 -0.18 0.00	31.70 -0.29 0.00	33.46 -0.31 0.00	31.26 -0.26 0.00	30.93 -0.25 0.00	28.76 -0.33 0.00	27.07 -0.25 0.00
DAHOWA___HYDRO 323763	34.08 1.50 0.00	28.82 1.29 0.00	29.61 1.30 0.00	26.92 1.13 0.00	24.35 1.07 0.00	24.76 1.11 0.00	31.38 1.37 0.00	26.81 1.02 0.00	11.29 0.35 0.00	5.96 0.10 0.00	6.42 0.10 0.00	4.59 0.05 0.00	-1.49 -0.02 0.00	-4.41 -0.06 0.00	6.97 0.14 0.00	17.60 0.39 0.00	27.54 0.70 0.00	27.63 0.94 0.00	33.65 1.66 0.00	35.80 2.03 0.00	33.53 2.01 0.00	33.15 1.97 0.00	30.80 1.71 0.00	28.89 1.58 0.00
DANC___LFGE 323619	30.99 -1.59 0.00	26.13 -1.39 0.00	27.07 -1.24 0.00	24.82 -0.97 0.00	22.34 -0.95 0.00	22.61 -1.05 0.00	28.82 -1.19 0.00	24.72 -1.06 0.00	10.40 -0.55 0.00	5.54 -0.32 0.00	5.98 -0.33 0.00	4.27 -0.27 0.00	-1.39 0.08 0.00	-4.07 0.29 0.00	6.42 -0.41 0.00	16.37 -0.84 0.00	25.88 -0.96 0.00	25.77 -0.92 0.00	30.59 -1.40 0.00	32.35 -1.42 0.00	30.15 -1.37 0.00	24.46 -1.51 5.21	17.72 -1.47 9.91	24.55 -1.38 1.39
DANSKAMMER___1 23586	34.27 1.69 0.00	28.93 1.41 0.00	29.65 1.35 0.00	27.04 1.25 0.00	24.47 1.19 0.00	24.94 1.28 0.00	31.63 1.63 0.00	27.25 1.47 0.00	11.59 0.64 0.00	6.21 0.35 0.00	6.69 0.38 0.00	4.80 0.26 0.00	-1.56 -0.09 0.00	-4.62 -0.27 0.00	7.31 0.48 0.00	18.42 1.21 0.00	28.82 1.98 0.00	28.72 2.03 0.00	34.59 2.61 0.00	36.54 2.76 0.00	34.19 2.67 0.00	33.84 2.66 0.00	31.40 2.31 0.00	29.42 2.10 0.00
DANSKAMMER___2 23589	34.27 1.69 0.00	28.93 1.41 0.00	29.65 1.35 0.00	27.04 1.25 0.00	24.47 1.19 0.00	24.94 1.28 0.00	31.63 1.63 0.00	27.25 1.47 0.00	11.59 0.64 0.00	6.21 0.35 0.00	6.69 0.38 0.00	4.80 0.26 0.00	-1.56 -0.09 0.00	-4.62 -0.27 0.00	7.31 0.48 0.00	18.42 1.21 0.00	28.82 1.98 0.00	28.72 2.03 0.00	34.59 2.61 0.00	36.54 2.76 0.00	34.19 2.67 0.00	33.84 2.66 0.00	31.40 2.31 0.00	29.42 2.10 0.00
DANSKAMMER___3 23590	34.27 1.69 0.00	28.93 1.41 0.00	29.65 1.35 0.00	27.04 1.25 0.00	24.47 1.19 0.00	24.94 1.28 0.00	31.63 1.63 0.00	27.25 1.47 0.00	11.59 0.64 0.00	6.21 0.35 0.00	6.69 0.38 0.00	4.80 0.26 0.00	-1.56 -0.09 0.00	-4.62 -0.27 0.00	7.31 0.48 0.00	18.42 1.21 0.00	28.82 1.98 0.00	28.72 2.03 0.00	34.59 2.61 0.00	36.54 2.76 0.00	34.19 2.67 0.00	33.84 2.66 0.00	31.40 2.31 0.00	29.42 2.10 0.00

DANSKAMMER___4 23591	34.27 1.69 0.00	28.93 1.41 0.00	29.65 1.35 0.00	27.04 1.25 0.00	24.47 1.19 0.00	24.94 1.28 0.00	31.63 1.63 0.00	27.25 1.47 0.00	11.59 0.64 0.00	6.21 0.35 0.00	6.69 0.38 0.00	4.80 0.26 0.00	-1.56 -0.09 0.00	-4.62 -0.27 0.00	7.31 0.48 0.00	18.42 1.21 0.00	28.82 1.98 0.00	28.72 2.03 0.00	34.59 2.61 0.00	36.54 2.76 0.00	34.19 2.67 0.00	33.84 2.66 0.00	31.40 2.31 0.00	29.42 2.10 0.00
DANSKAMMER___DIESEL 23592	34.27 1.69 0.00	28.94 1.41 0.00	29.66 1.35 0.00	27.04 1.25 0.00	24.48 1.20 0.00	24.94 1.28 0.00	31.65 1.64 0.00	27.25 1.47 0.00	11.59 0.64 0.00	6.21 0.35 0.00	6.69 0.38 0.00	4.80 0.26 0.00	-1.56 -0.09 0.00	-4.62 -0.27 0.00	7.31 0.48 0.00	18.42 1.21 0.00	28.82 1.98 0.00	28.71 2.03 0.00	34.59 2.61 0.00	36.54 2.77 0.00	34.19 2.67 0.00	33.85 2.66 0.00	31.40 2.31 0.00	29.42 2.10 0.00
DARBY___SOLAR 323810	34.01 1.43 0.00	28.75 1.23 0.00	29.54 1.23 0.00	26.86 1.08 0.00	24.30 1.02 0.00	24.71 1.05 0.00	31.30 1.29 0.00	26.75 0.97 0.00	11.27 0.33 0.00	5.96 0.10 0.00	6.41 0.10 0.00	4.59 0.05 0.00	-1.49 -0.02 0.00	-4.41 -0.06 0.00	6.97 0.13 0.00	17.58 0.37 0.00	27.51 0.67 0.00	27.59 0.90 0.00	33.55 1.57 0.00	35.64 1.87 0.00	33.37 1.85 0.00	33.01 1.82 0.00	30.70 1.61 0.00	28.81 1.50 0.00
DASHVILLE___HYD 23610	33.90 1.32 0.00	28.61 1.09 0.00	29.34 1.03 0.00	26.75 0.96 0.00	24.21 0.93 0.00	24.67 1.01 0.00	31.31 1.30 0.00	26.97 1.19 0.00	11.48 0.53 0.00	6.15 0.30 0.00	6.63 0.32 0.00	4.76 0.22 0.00	-1.55 -0.07 0.00	-4.57 -0.22 0.00	7.23 0.40 0.00	18.21 1.00 0.00	28.48 1.64 0.00	28.35 1.66 0.00	34.14 2.16 0.00	36.07 2.29 0.00	33.75 2.23 0.00	33.43 2.25 0.00	31.02 1.92 0.00	29.05 1.73 0.00
DELAWARE___LFGE 323621	33.29 0.71 0.00	28.09 0.57 0.00	28.85 0.54 0.00	26.26 0.48 0.00	23.74 0.46 0.00	24.16 0.51 0.00	30.67 0.66 0.00	26.33 0.54 0.00	11.18 0.23 0.00	5.99 0.14 0.00	6.46 0.15 0.00	4.65 0.11 0.00	-1.51 -0.04 0.00	-4.47 -0.11 0.00	7.02 0.19 0.00	17.64 0.44 0.00	27.54 0.70 0.00	27.43 0.75 0.00	33.00 1.02 0.00	34.87 1.09 0.00	32.57 1.05 0.00	32.26 1.08 0.00	29.98 0.88 0.00	28.12 0.81 0.00
DERFIELD_115KV_TB7 355931	32.71 0.13 0.00	27.61 0.09 0.00	28.39 0.09 0.00	25.87 0.08 0.00	23.35 0.07 0.00	23.74 0.08 0.00	30.09 0.09 0.00	25.85 0.06 0.00	10.96 0.01 0.00	5.86 0.00 0.00	6.32 0.00 0.00	4.54 0.00 0.00	-1.47 0.00 0.00	-4.35 0.00 0.00	6.84 0.00 0.00	17.22 0.01 0.00	26.86 0.03 0.00	26.74 0.06 0.00	32.11 0.12 0.00	33.92 0.14 0.00	31.67 0.15 0.00	32.36 0.17 -1.01	31.16 0.17 -1.91	27.75 0.17 -0.27
DOGLEVILLE___HYD 23807	34.22 1.64 0.00	28.87 1.35 0.00	29.68 1.37 0.00	26.97 1.18 0.00	24.40 1.11 0.00	24.81 1.15 0.00	31.19 1.19 0.00	26.31 0.52 0.00	10.94 -0.01 0.00	5.71 -0.14 0.00	6.09 -0.23 0.00	4.36 -0.18 0.00	-1.41 0.06 0.00	-4.18 0.17 0.00	6.63 -0.20 0.00	16.73 -0.47 0.00	26.17 -0.67 0.00	26.64 -0.05 0.00	33.34 1.36 0.00	35.85 2.07 0.00	33.61 2.09 0.00	34.34 2.15 -1.01	33.11 2.12 -1.91	29.42 1.83 -0.27
DUNKIRK__115KV_TB_200 55889	30.13 -2.44 0.01	14.79 -2.36 10.37	13.05 -2.63 12.62	11.17 -2.45 12.18	9.45 -2.08 11.75	9.86 -1.98 11.81	14.82 -2.25 12.94	12.77 -1.65 11.37	6.93 -0.61 3.40	5.72 -0.13 0.00	6.30 -0.01 0.00	4.67 0.13 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.69 -0.15 0.00	15.23 -0.24 1.73	25.92 -0.92 0.00	25.08 -1.61 0.00	17.90 -1.96 12.12	18.13 -2.03 13.61	16.57 -1.72 13.23	18.42 -1.71 11.06	25.77 -1.70 1.62	26.01 -1.31 0.00
DUNKIRK___1 23563	30.13 -2.44 0.01	14.79 -2.36 10.37	13.05 -2.63 12.62	11.17 -2.45 12.18	9.45 -2.08 11.75	9.86 -1.98 11.81	14.82 -2.25 12.94	12.77 -1.65 11.37	6.93 -0.61 3.40	5.72 -0.13 0.00	6.30 -0.01 0.00	4.67 0.13 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.69 -0.15 0.00	15.23 -0.24 1.73	25.92 -0.92 0.00	25.08 -1.61 0.00	17.90 -1.96 12.12	18.13 -2.03 13.61	16.57 -1.72 13.23	18.42 -1.71 11.06	25.77 -1.70 1.62	26.01 -1.31 0.00
DUNKIRK___2 23564	30.13 -2.44 0.01	14.79 -2.36 10.37	13.05 -2.63 12.62	11.17 -2.45 12.18	9.45 -2.08 11.75	9.86 -1.98 11.81	14.82 -2.25 12.94	12.77 -1.65 11.37	6.93 -0.61 3.40	5.72 -0.13 0.00	6.30 -0.01 0.00	4.67 0.13 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.69 -0.15 0.00	15.23 -0.24 1.73	25.92 -0.92 0.00	25.08 -1.61 0.00	17.90 -1.96 12.12	18.13 -2.03 13.61	16.57 -1.72 13.23	18.42 -1.71 11.06	25.77 -1.70 1.62	26.01 -1.31 0.00
DUNKIRK___3 23565	30.10 -2.47 0.01	14.06 -2.35 11.12	12.19 -2.58 13.53	10.33 -2.41 13.06	8.62 -2.06 12.60	9.02 -1.97 12.66	13.88 -2.25 13.87	11.95 -1.65 12.19	6.69 -0.61 3.65	5.71 -0.14 0.00	6.28 -0.03 0.00	4.66 0.12 0.00	-1.49 -0.02 0.00	-4.40 -0.05 0.00	6.68 -0.15 0.00	15.03 -0.32 1.85	25.83 -1.01 0.00	25.08 -1.60 0.00	17.06 -1.93 13.00	17.12 -2.06 14.59	15.59 -1.75 14.18	17.61 -1.73 11.85	25.63 -1.72 1.74	26.00 -1.32 0.00
DUNKIRK___4 23566	30.10 -2.47 0.01	14.06 -2.35 11.12	12.19 -2.58 13.53	10.33 -2.41 13.06	8.62 -2.06 12.60	9.02 -1.97 12.66	13.88 -2.25 13.87	11.95 -1.65 12.19	6.69 -0.61 3.65	5.71 -0.14 0.00	6.28 -0.03 0.00	4.66 0.12 0.00	-1.49 -0.02 0.00	-4.40 -0.05 0.00	6.68 -0.15 0.00	15.03 -0.32 1.85	25.83 -1.01 0.00	25.08 -1.60 0.00	17.06 -1.93 13.00	17.12 -2.06 14.59	15.59 -1.75 14.18	17.61 -1.73 11.85	25.63 -1.72 1.74	26.00 -1.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.26 1.68 0.00	28.94 1.42 0.00	29.65 1.34 0.00	27.05 1.26 0.00	24.49 1.21 0.00	24.96 1.30 0.00	31.68 1.68 0.00	27.32 1.53 0.00	11.63 0.69 0.00	6.26 0.40 0.00	6.75 0.44 0.00	4.86 0.32 0.00	-1.58 -0.11 0.00	-4.68 -0.32 0.00	7.38 0.55 0.00	18.60 1.39 0.00	29.05 2.21 0.00	28.89 2.21 0.00	34.73 2.74 0.00	36.65 2.87 0.00	34.27 2.75 0.00	33.91 2.72 0.00	31.45 2.36 0.00	29.48 2.16 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.08 1.50 0.00	28.77 1.24 0.00	29.48 1.17 0.00	26.88 1.10 0.00	24.34 1.05 0.00	24.80 1.14 0.00	31.46 1.46 0.00	27.10 1.31 0.00	11.53 0.58 0.00	6.18 0.33 0.00	6.67 0.35 0.00	4.78 0.24 0.00	-1.56 -0.08 0.00	-4.61 -0.25 0.00	7.28 0.45 0.00	18.34 1.13 0.00	28.66 1.82 0.00	28.53 1.85 0.00	34.37 2.39 0.00	36.32 2.54 0.00	33.99 2.47 0.00	33.65 2.47 0.00	31.21 2.12 0.00	29.24 1.92 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.31 1.73 0.00	29.03 1.51 0.00	29.71 1.40 0.00	27.10 1.31 0.00	24.55 1.27 0.00	25.01 1.36 0.00	31.73 1.72 0.00	27.39 1.60 -0.01	11.67 0.72 -0.01	6.28 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.43 0.59 0.00	18.71 1.50 0.00	29.20 2.36 0.00	29.04 2.35 -0.01	34.81 2.83 0.00	36.71 2.93 0.00	34.29 2.78 0.00	33.93 2.74 0.00	31.48 2.39 0.00	29.49 2.17 0.00

E179THST_13_KV_LOAD 356214	34.43 1.85 0.00	29.13 1.61 0.00	29.81 1.51 0.00	27.19 1.40 0.00	24.63 1.35 0.00	25.09 1.43 0.00	31.83 1.83 0.00	27.48 1.69 -0.01	11.71 0.76 -0.01	6.30 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.60 -0.13 0.00	-4.72 -0.37 0.00	7.45 0.62 0.00	18.78 1.57 0.00	29.30 2.47 0.00	29.16 2.46 -0.01	34.95 2.97 0.00	36.85 3.08 0.00	34.43 2.92 0.00	34.07 2.88 0.00	31.60 2.51 0.00	29.60 2.28 0.00
EAST HAMPTON___GT 23717	364.64 3.48 -328.57	92.48 2.88 -62.07	66.17 3.14 -34.73	65.92 2.89 -37.24	62.27 2.58 -36.41	26.44 2.79 0.00	33.75 3.73 -0.01	28.82 3.03 0.00	12.15 1.20 0.00	6.47 0.62 0.00	6.91 0.60 0.00	4.93 0.39 0.00	-1.59 -0.11 0.00	-4.68 -0.32 0.00	12.48 0.55 -5.09	26.22 1.37 -7.65	40.75 2.17 -11.75	48.13 2.26 -19.19	51.62 2.86 -16.78	36.32 2.55 0.00	33.98 2.46 0.00	34.44 2.28 -0.97	36.38 1.92 -5.37	36.15 1.72 -7.11
EAST RIVER___6 23660	34.46 1.88 0.00	29.11 1.59 0.00	29.82 1.51 0.00	27.19 1.40 0.00	24.61 1.33 0.00	25.08 1.42 0.00	31.82 1.81 0.00	27.48 1.70 0.00	11.72 0.77 0.00	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	7.47 0.63 0.00	18.80 1.60 0.00	29.35 2.52 0.00	29.20 2.52 0.00	35.04 3.06 0.00	36.96 3.18 0.00	34.52 3.01 0.00	34.13 2.95 0.00	31.65 2.56 0.00	29.65 2.33 0.00
EAST RIVER___7 23524	34.46 1.88 0.00	29.11 1.59 0.00	29.82 1.51 0.00	27.19 1.40 0.00	24.61 1.33 0.00	25.08 1.42 0.00	31.82 1.81 0.00	27.48 1.70 0.00	11.72 0.77 0.00	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	7.47 0.63 0.00	18.80 1.60 0.00	29.35 2.52 0.00	29.20 2.52 0.00	35.04 3.06 0.00	36.96 3.18 0.00	34.52 3.01 0.00	34.13 2.95 0.00	31.65 2.56 0.00	29.65 2.33 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.22 1.64 0.00	28.90 1.38 0.00	29.60 1.30 0.00	27.00 1.22 0.00	24.45 1.17 0.00	24.92 1.27 0.00	31.62 1.62 0.00	27.26 1.48 0.00	11.61 0.66 0.00	6.24 0.39 0.00	6.73 0.42 0.00	4.84 0.30 0.00	-1.58 -0.11 0.00	-4.66 -0.31 0.00	7.36 0.53 0.00	18.55 1.34 0.00	28.96 2.13 0.00	28.81 2.13 0.00	34.63 2.65 0.00	36.54 2.77 0.00	34.17 2.65 0.00	33.82 2.63 0.00	31.37 2.28 0.00	29.40 2.08 0.00
EAST_HAMPTON___DIESEL 23722	364.64 3.49 -328.57	92.48 2.88 -62.07	66.17 3.14 -34.73	65.92 2.90 -37.24	62.27 2.58 -36.41	26.44 2.79 0.00	33.75 3.73 -0.01	28.82 3.03 0.00	12.15 1.20 0.00	6.47 0.62 0.00	6.91 0.60 0.00	4.92 0.38 0.00	-1.59 -0.11 0.00	-4.67 -0.32 0.00	12.47 0.54 -5.09	26.19 1.33 -7.65	40.70 2.11 -11.75	48.09 2.21 -19.19	51.57 2.81 -16.78	36.25 2.48 0.00	33.91 2.40 0.00	34.38 2.22 -0.97	36.32 1.86 -5.37	36.09 1.66 -7.11
EAST_POINT___SOLAR 323840	34.11 1.53 0.00	28.76 1.24 0.00	29.50 1.19 0.00	26.89 1.11 0.00	24.30 1.02 0.00	24.75 1.09 0.00	30.98 0.97 0.00	25.84 0.05 0.00	10.86 -0.08 0.00	5.78 -0.08 0.00	6.20 -0.11 0.00	4.44 -0.10 0.00	-1.44 0.03 0.00	-4.25 0.10 0.00	6.70 -0.13 0.00	16.86 -0.35 0.00	26.37 -0.46 0.00	26.46 -0.22 0.00	32.98 1.00 0.00	35.51 1.74 0.00	33.24 1.72 0.00	32.88 1.69 0.00	30.56 1.47 0.00	28.54 1.23 0.00
EAST_PULASKI___ESR 323781	31.68 -0.91 0.00	26.72 -0.80 0.00	27.54 -0.77 0.00	25.11 -0.68 0.00	22.62 -0.67 0.00	22.96 -0.70 0.00	29.17 -0.83 0.00	25.03 -0.75 0.00	10.58 -0.37 0.00	5.66 -0.19 0.00	6.11 -0.20 0.00	4.40 -0.14 0.00	-1.43 0.04 0.00	-4.21 0.15 0.00	6.60 -0.23 0.00	16.70 -0.51 0.00	26.20 -0.64 0.00	26.03 -0.66 0.00	31.06 -0.92 0.00	32.79 -0.99 0.00	30.60 -0.91 0.00	27.82 -0.96 2.41	23.62 -0.90 4.57	25.88 -0.80 0.64
EAST_RIVER___1 323558	34.38 1.79 0.00	29.05 1.53 0.00	29.75 1.44 0.00	27.14 1.35 0.00	24.57 1.29 0.00	25.03 1.38 0.00	31.76 1.76 0.00	27.43 1.65 0.00	11.69 0.75 0.00	6.30 0.44 0.00	6.80 0.48 0.00	4.89 0.35 0.00	-1.60 -0.13 0.00	-4.72 -0.36 0.00	7.45 0.61 0.00	18.75 1.54 0.00	29.27 2.43 0.00	29.12 2.43 0.00	34.95 2.97 0.00	36.86 3.08 0.00	34.43 2.92 0.00	34.05 2.86 0.00	31.58 2.49 0.00	29.58 2.27 0.00
EAST_RIVER___2 323559	34.46 1.88 0.00	29.11 1.59 0.00	29.82 1.51 0.00	27.19 1.40 0.00	24.61 1.33 0.00	25.08 1.42 0.00	31.82 1.81 0.00	27.48 1.70 0.00	11.72 0.77 0.00	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	7.47 0.63 0.00	18.80 1.60 0.00	29.35 2.52 0.00	29.20 2.52 0.00	35.04 3.06 0.00	36.96 3.18 0.00	34.52 3.01 0.00	34.13 2.95 0.00	31.65 2.56 0.00	29.65 2.33 0.00
EAST___DELAWARE_HYD 23607	34.10 1.52 0.00	28.75 1.24 0.00	29.46 1.16 0.00	26.87 1.08 0.00	24.33 1.05 0.00	24.79 1.14 0.00	31.46 1.46 0.00	27.07 1.29 0.00	11.50 0.55 0.00	6.14 0.29 0.00	6.61 0.30 0.00	4.73 0.19 0.00	-1.50 -0.03 0.00	-4.44 -0.09 0.00	7.03 0.20 0.00	17.72 0.52 0.00	27.77 0.93 0.00	27.73 1.05 0.00	33.51 1.53 0.00	35.56 1.79 0.00	34.02 2.51 0.00	33.68 2.49 0.00	31.21 2.12 0.00	29.21 1.89 0.00
EIGHT_POINT___WT_PWR 323820	30.93 -1.68 -0.02	58.38 -1.52 -32.39	65.89 -1.85 -39.42	61.98 -1.84 -38.03	58.26 -1.73 -36.71	58.66 -1.89 -36.89	68.41 -2.00 -40.41	59.85 -1.45 -35.51	20.95 -0.63 -10.63	5.59 -0.27 0.00	6.07 -0.25 0.00	4.48 -0.06 0.00	-1.39 0.08 0.00	-4.20 0.15 0.00	6.29 -0.54 0.00	21.30 -1.32 -5.41	25.20 -1.63 0.00	25.54 -1.15 0.00	68.55 -1.41 -37.98	74.57 -1.83 -42.63	71.09 -1.84 -41.41	64.02 -1.78 -34.61	32.31 -1.87 -5.08	25.83 -1.49 0.00
ELBRIDGE_115KV_TB2 80188	32.18 -0.40 0.00	27.12 -0.40 0.00	27.92 -0.39 0.00	25.42 -0.37 0.00	22.92 -0.36 0.00	23.30 -0.35 0.00	29.59 -0.41 0.00	25.39 -0.39 0.00	10.75 -0.20 0.00	5.75 -0.10 0.00	6.22 -0.10 0.00	4.49 -0.05 0.00	-1.45 0.02 0.00	-4.30 0.05 0.00	6.72 -0.11 0.00	16.93 -0.27 0.00	26.47 -0.37 0.00	26.35 -0.33 0.00	31.53 -0.45 0.00	33.28 -0.49 0.00	31.10 -0.41 0.00	30.81 -0.38 0.00	28.63 -0.46 0.00	26.95 -0.37 0.00
ELEC_TRO_TEK 24086	56.93 1.92 -22.42	29.17 1.64 -0.02	29.86 1.55 0.00	27.25 1.46 0.00	24.66 1.38 0.00	25.16 1.51 0.00	31.98 1.95 -0.03	27.49 1.71 0.00	11.71 0.76 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	16.18 0.61 -8.74	31.83 1.51 -13.12	49.32 2.34 -20.15	61.89 2.30 -32.91	63.59 2.83 -28.78	36.70 2.92 0.00	34.34 2.83 0.00	35.66 2.81 -1.66	40.78 2.49 -9.20	41.84 2.29 -12.23
ELLENBURG_WT_PWR 323604	32.14 -0.44 0.00	27.15 -0.37 0.00	27.95 -0.36 0.00	25.51 -0.28 0.00	23.03 -0.26 0.00	23.38 -0.27 0.00	29.71 -0.29 0.00	25.59 -0.20 0.00	10.87 -0.07 0.00	5.82 -0.04 0.00	6.25 -0.07 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.32 0.04 0.00	6.80 -0.04 0.00	17.12 -0.09 0.00	26.57 -0.27 0.00	26.43 -0.25 0.00	31.52 -0.46 0.00	33.17 -0.60 0.00	30.56 -0.96 0.00	28.78 -1.30 1.11	25.55 -1.30 2.24	25.86 -1.15 0.31

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.80 -2.77 0.01	13.05 -2.58 11.89	11.02 -2.81 14.48	9.21 -2.61 13.97	7.53 -2.28 13.48	7.90 -2.20 13.55	12.54 -2.63 14.84	10.83 -1.92 13.04	6.34 -0.70 3.91	5.65 -0.21 0.00	6.23 -0.08 0.00	4.63 0.09 0.00	-1.49 -0.01 0.00	-4.39 -0.03 0.00	6.64 -0.19 0.00	14.69 -0.54 1.98	25.54 -1.29 0.00	24.95 -1.74 0.00	15.92 -2.14 13.92	15.75 -2.39 15.63	14.24 -2.09 15.18	16.51 -1.99 12.69	25.32 -1.90 1.86	25.86 -1.46 0.00
EMPIRE_CC_1 323656	33.66 1.08 0.00	28.44 0.92 0.00	29.24 0.93 0.00	26.62 0.84 0.00	24.06 0.78 0.00	24.45 0.79 0.00	30.89 0.88 0.00	26.48 0.69 0.00	11.20 0.25 0.00	5.94 0.09 0.00	6.41 0.09 0.00	4.58 0.03 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.94 0.11 0.00	17.50 0.30 0.00	27.29 0.46 0.00	27.18 0.49 0.00	32.63 0.65 0.00	34.51 0.73 0.00	32.35 0.83 0.00	32.04 0.86 0.00	29.99 0.89 0.00	28.26 0.95 0.00
EMPIRE_CC_2 323658	33.66 1.08 0.00	28.44 0.92 0.00	29.24 0.93 0.00	26.62 0.84 0.00	24.06 0.78 0.00	24.45 0.79 0.00	30.89 0.88 0.00	26.48 0.69 0.00	11.20 0.25 0.00	5.94 0.09 0.00	6.41 0.09 0.00	4.58 0.03 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.94 0.11 0.00	17.50 0.30 0.00	27.29 0.46 0.00	27.18 0.49 0.00	32.63 0.65 0.00	34.51 0.73 0.00	32.35 0.83 0.00	32.04 0.86 0.00	29.99 0.89 0.00	28.26 0.95 0.00
ENORWICH_115KV_TB1 80156	34.37 1.79 0.00	30.47 1.45 -1.49	31.52 1.39 -1.82	28.70 1.16 -1.76	25.80 0.82 -1.69	26.11 0.75 -1.70	33.01 1.14 -1.86	28.06 0.63 -1.64	11.53 0.09 -0.49	5.88 0.03 0.00	6.31 -0.01 0.00	4.53 -0.02 0.00	-1.50 -0.03 0.00	-4.40 -0.05 0.00	6.77 -0.07 0.00	17.16 -0.30 -0.25	26.52 -0.32 0.00	26.92 0.23 0.00	34.95 1.22 -1.75	37.83 2.10 -1.96	35.36 1.94 -1.91	34.47 1.69 -1.59	30.59 1.27 -0.23	28.37 1.06 0.00
ERIE_ST__34_KV_TB1-2 80199	29.91 -2.66 0.01	14.94 -2.42 10.17	13.30 -2.62 12.38	11.39 -2.45 11.94	9.62 -2.13 11.53	10.01 -2.05 11.59	14.90 -2.42 12.69	12.88 -1.75 11.15	6.97 -0.64 3.34	5.67 -0.18 0.00	6.25 -0.07 0.00	4.64 0.10 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.68 -0.15 0.00	15.07 -0.44 1.70	25.68 -1.16 0.00	25.10 -1.58 0.00	18.20 -1.88 11.91	18.29 -2.11 13.37	16.70 -1.82 12.99	18.57 -1.76 10.86	25.74 -1.75 1.60	25.97 -1.34 0.00
ERIE_WT_PWR 323693	29.88 -2.69 0.01	13.68 -2.48 11.36	11.76 -2.72 13.82	9.91 -2.54 13.34	8.18 -2.23 12.87	8.58 -2.14 12.94	13.33 -2.51 14.17	11.50 -1.83 12.45	6.54 -0.68 3.73	5.66 -0.20 0.00	6.24 -0.07 0.00	4.64 0.10 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.65 -0.18 0.00	14.81 -0.51 1.89	25.63 -1.21 0.00	25.05 -1.64 0.00	16.76 -1.93 13.29	16.60 -2.24 14.93	15.05 -1.97 14.50	17.21 -1.86 12.12	25.47 -1.84 1.78	25.94 -1.38 0.00
ESPRGFLD_115KV_TB1 80157	33.45 0.87 0.00	28.20 0.68 0.00	28.94 0.63 0.00	26.36 0.57 0.00	23.80 0.51 0.00	24.22 0.56 0.00	30.75 0.74 0.00	26.24 0.46 0.00	11.10 0.15 0.00	5.95 0.10 0.00	6.42 0.11 0.00	4.62 0.08 0.00	-1.50 -0.03 0.00	-4.43 -0.07 0.00	6.96 0.12 0.00	17.46 0.25 0.00	27.22 0.38 0.00	27.19 0.51 0.00	32.83 0.85 0.00	34.91 1.13 0.00	32.58 1.07 0.00	32.22 1.04 0.00	29.92 0.83 0.00	27.97 0.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.77 0.19 0.00	30.33 0.11 -2.69	31.70 0.11 -3.28	29.02 0.07 -3.17	26.38 0.04 -3.06	26.78 0.06 -3.07	33.52 0.16 -3.36	28.77 0.03 -2.96	11.76 -0.07 -0.88	5.81 -0.04 0.00	6.27 -0.04 0.00	4.53 -0.02 0.00	-1.47 0.01 0.00	-4.34 0.02 0.00	6.77 -0.06 0.00	17.47 -0.19 -0.45	26.69 -0.14 0.00	26.87 0.18 0.00	35.50 0.35 -3.17	37.76 0.44 -3.55	35.41 0.45 -3.44	34.47 0.40 -2.88	29.72 0.20 -0.42	27.54 0.22 0.00
ETNA____115KV_TB2 80207	32.77 0.19 0.00	30.33 0.11 -2.69	31.70 0.11 -3.28	29.02 0.07 -3.17	26.38 0.04 -3.06	26.78 0.06 -3.07	33.52 0.16 -3.36	28.77 0.03 -2.96	11.76 -0.07 -0.88	5.81 -0.04 0.00	6.27 -0.04 0.00	4.53 -0.02 0.00	-1.47 0.01 0.00	-4.34 0.02 0.00	6.77 -0.06 0.00	17.47 -0.19 -0.45	26.69 -0.14 0.00	26.87 0.18 0.00	35.50 0.35 -3.17	37.76 0.44 -3.55	35.41 0.45 -3.44	34.47 0.40 -2.88	29.72 0.20 -0.42	27.54 0.22 0.00
EUCLID___115KV_TB2 356179	31.99 -0.59 0.00	26.99 -0.53 0.00	27.76 -0.55 0.00	25.27 -0.52 0.00	22.79 -0.49 0.00	23.16 -0.50 0.00	29.40 -0.60 0.00	25.25 -0.54 0.00	10.71 -0.24 0.00	5.73 -0.12 0.00	6.20 -0.12 0.00	4.47 -0.07 0.00	-1.45 0.03 0.00	-4.28 0.07 0.00	6.71 -0.13 0.00	16.90 -0.31 0.00	26.36 -0.47 0.00	26.22 -0.47 0.00	31.35 -0.63 0.00	33.09 -0.68 0.00	30.91 -0.61 0.00	30.59 -0.60 0.00	28.48 -0.61 0.00	26.81 -0.51 0.00
E_CANADA_CAP_HY 24051	33.60 1.02 0.00	28.34 0.82 0.00	29.08 0.77 0.00	26.50 0.72 0.00	23.94 0.66 0.00	24.36 0.71 0.00	30.80 0.80 0.00	26.12 0.33 0.00	10.99 0.05 0.00	5.88 0.02 0.00	6.33 0.01 0.00	4.54 0.00 0.00	-1.48 0.00 0.00	-4.35 0.01 0.00	6.83 0.00 0.00	17.17 -0.04 0.00	26.75 -0.08 0.00	26.78 0.09 0.00	32.61 0.62 0.00	34.83 1.06 0.00	32.57 1.05 0.00	32.23 1.04 0.00	30.01 0.92 0.00	28.04 0.72 0.00
E_CANADA_MHWK_HY 24050	34.22 1.64 0.00	28.87 1.35 0.00	29.68 1.37 0.00	26.97 1.18 0.00	24.40 1.11 0.00	24.81 1.15 0.00	31.20 1.19 0.00	26.31 0.52 0.00	10.94 -0.01 0.00	5.71 -0.14 0.00	6.09 -0.23 0.00	4.36 -0.18 0.00	-1.41 0.06 0.00	-4.18 0.17 0.00	6.63 -0.20 0.00	16.73 -0.47 0.00	26.17 -0.67 0.00	26.64 -0.05 0.00	33.34 1.36 0.00	35.85 2.07 0.00	33.60 2.09 0.00	34.34 2.15 -1.01	33.11 2.12 -1.91	29.42 1.83 -0.27
E_FISHKILL___LBMP 23776	34.00 1.42 0.00	28.72 1.20 0.00	29.44 1.13 0.00	26.85 1.06 0.00	24.30 1.02 0.00	24.76 1.11 0.00	31.40 1.40 0.00	27.04 1.26 0.00	11.51 0.56 0.00	6.17 0.31 0.00	6.65 0.34 0.00	4.78 0.24 0.00	-1.55 -0.08 0.00	-4.59 -0.24 0.00	7.26 0.42 0.00	18.28 1.08 0.00	28.58 1.74 0.00	28.43 1.75 0.00	34.22 2.23 0.00	36.14 2.36 0.00	33.79 2.28 0.00	33.46 2.28 0.00	31.07 1.98 0.00	29.14 1.82 0.00
FALCON___SEABRD_CC1 323796	32.42 -0.16 0.00	27.37 -0.16 0.00	28.14 -0.16 0.00	25.69 -0.10 0.00	23.19 -0.09 0.00	23.55 -0.11 0.00	29.97 -0.03 0.00	25.85 0.06 0.00	10.96 0.01 0.00	5.86 0.00 0.00	6.30 -0.01 0.00	4.54 0.00 0.00	-1.47 0.01 0.00	-4.35 0.00 0.00	6.87 0.03 0.00	17.29 0.08 0.00	26.83 0.00 0.00	26.69 0.01 0.00	31.86 -0.12 0.00	33.42 -0.35 0.00	30.53 -0.99 0.00	28.40 -1.63 1.15	25.46 -1.31 2.32	26.03 -0.97 0.33
FALCON___SEABRD_CC2 323797	32.42 -0.16 0.00	27.37 -0.16 0.00	28.14 -0.16 0.00	25.69 -0.10 0.00	23.19 -0.09 0.00	23.55 -0.11 0.00	29.97 -0.03 0.00	25.85 0.06 0.00	10.96 0.01 0.00	5.86 0.00 0.00	6.30 -0.01 0.00	4.54 0.00 0.00	-1.47 0.01 0.00	-4.35 0.00 0.00	6.87 0.03 0.00	17.29 0.08 0.00	26.83 0.00 0.00	26.69 0.01 0.00	31.86 -0.12 0.00	33.42 -0.35 0.00	30.53 -0.99 0.00	28.40 -1.63 1.15	25.46 -1.31 2.32	26.03 -0.97 0.33

FAR ROCKAWAY___4 23548	58.00 2.25 -23.17	29.45 1.91 -0.02	30.13 1.82 0.00	27.49 1.70 0.00	24.89 1.60 0.00	25.39 1.73 0.00	32.26 2.23 -0.03	27.74 1.95 0.00	11.81 0.87 0.00	6.37 0.51 0.00	6.87 0.56 0.00	4.95 0.40 0.00	-1.61 -0.14 0.00	-4.76 -0.40 0.00	16.54 0.68 -9.03	32.46 1.69 -13.55	50.29 2.63 -20.83	63.28 2.58 -34.01	64.91 3.19 -29.74	37.09 3.32 0.00	34.72 3.21 0.00	36.10 3.19 -1.72	41.42 2.82 -9.51	42.56 2.60 -12.64
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.37 1.79 0.00	29.05 1.53 0.00	29.75 1.44 0.00	27.13 1.35 0.00	24.57 1.29 0.00	25.04 1.39 0.00	31.78 1.77 0.00	27.44 1.65 0.00	11.70 0.75 0.00	6.30 0.44 0.00	6.80 0.48 0.00	4.89 0.35 0.00	-1.60 -0.13 0.00	-4.72 -0.36 0.00	7.45 0.61 0.00	18.75 1.54 0.00	29.27 2.43 0.00	29.11 2.43 0.00	34.94 2.96 0.00	36.86 3.09 0.00	34.43 2.92 0.00	34.06 2.87 0.00	31.59 2.50 0.00	29.59 2.27 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.38 1.79 0.00	29.06 1.54 0.00	29.76 1.45 0.00	27.15 1.36 0.00	24.58 1.30 0.00	25.05 1.39 0.00	31.79 1.79 0.00	27.44 1.65 0.00	11.70 0.75 0.00	6.30 0.44 0.00	6.80 0.48 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.72 -0.36 0.00	7.45 0.61 0.00	18.75 1.54 0.00	29.27 2.43 0.00	29.11 2.43 0.00	34.95 2.97 0.00	36.86 3.09 0.00	34.44 2.93 0.00	34.07 2.88 0.00	31.59 2.50 0.00	29.60 2.28 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.36 1.78 0.00	29.04 1.52 0.00	29.74 1.43 0.00	27.13 1.34 0.00	24.57 1.29 0.00	25.03 1.38 0.00	31.76 1.76 0.00	27.44 1.65 0.00	11.69 0.74 0.00	6.29 0.44 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.72 -0.36 0.00	7.44 0.61 0.00	18.74 1.53 0.00	29.26 2.42 0.00	29.10 2.41 0.00	34.92 2.94 0.00	36.84 3.06 0.00	34.42 2.91 0.00	34.04 2.86 0.00	31.57 2.48 0.00	29.57 2.25 0.00
FARRAGUT___LBMP 323566	34.34 1.76 0.00	29.02 1.50 0.00	29.72 1.41 0.00	27.12 1.33 0.00	24.55 1.27 0.00	25.02 1.37 0.00	31.75 1.75 0.00	27.41 1.62 0.00	11.68 0.74 0.00	6.29 0.44 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.44 0.60 0.00	18.73 1.52 0.00	29.23 2.40 0.00	29.08 2.39 0.00	34.90 2.91 0.00	36.81 3.04 0.00	34.39 2.88 0.00	34.02 2.83 0.00	31.55 2.46 0.00	29.55 2.23 0.00
FARRCKWY_69_KV_BK2 55825	58.00 2.25 -23.17	29.45 1.91 -0.02	30.13 1.82 0.00	27.49 1.70 0.00	24.89 1.60 0.00	25.39 1.73 0.00	32.26 2.23 -0.03	27.74 1.95 0.00	11.81 0.87 0.00	6.37 0.51 0.00	6.87 0.56 0.00	4.95 0.40 0.00	-1.61 -0.14 0.00	-4.76 -0.40 0.00	16.54 0.68 -9.03	32.46 1.69 -13.55	50.29 2.63 -20.83	63.28 2.58 -34.01	64.91 3.19 -29.74	37.09 3.32 0.00	34.72 3.21 0.00	36.10 3.19 -1.72	41.42 2.82 -9.51	42.56 2.60 -12.64
FENNER___WINDPWR 24204	32.82 0.24 0.00	27.69 0.16 0.00	28.50 0.19 0.00	25.95 0.15 0.00	23.39 0.11 0.00	23.76 0.11 0.00	30.17 0.16 0.00	25.81 0.02 0.00	10.89 -0.05 0.00	5.81 -0.04 0.00	6.27 -0.05 0.00	4.50 -0.03 0.00	-1.47 0.01 0.00	-4.31 0.04 0.00	6.78 -0.06 0.00	17.10 -0.10 0.00	26.80 -0.04 0.00	26.97 0.28 0.00	32.44 0.45 0.00	34.24 0.46 0.00	31.96 0.44 0.00	33.11 0.30 -1.63	32.36 0.20 -3.07	27.93 0.17 -0.43
FIBERTEK___ENERGY 23856	32.32 -0.26 0.00	27.26 -0.27 0.00	28.05 -0.26 0.00	25.54 -0.25 0.00	23.03 -0.25 0.00	23.41 -0.25 0.00	29.72 -0.28 0.00	25.50 -0.29 0.00	10.79 -0.16 0.00	5.77 -0.08 0.00	6.24 -0.08 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.74 -0.09 0.00	17.00 -0.20 0.00	26.61 -0.23 0.00	26.50 -0.18 0.00	31.70 -0.29 0.00	33.46 -0.31 0.00	31.26 -0.26 0.00	30.93 -0.25 0.00	28.76 -0.33 0.00	27.07 -0.25 0.00
FITZPATRICK____ 23598	31.66 -0.92 0.00	26.72 -0.80 0.00	27.48 -0.83 0.00	25.02 -0.77 0.00	22.56 -0.72 0.00	22.92 -0.73 0.00	29.08 -0.92 0.00	24.98 -0.81 0.00	10.60 -0.35 0.00	5.67 -0.18 0.00	6.13 -0.18 0.00	4.42 -0.12 0.00	-1.43 0.04 0.00	-4.24 0.12 0.00	6.64 -0.20 0.00	16.71 -0.50 0.00	26.02 -0.81 0.00	25.82 -0.86 0.00	30.88 -1.10 0.00	32.59 -1.18 0.00	30.44 -1.07 0.00	30.13 -1.05 0.00	28.09 -1.00 0.00	26.44 -0.87 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.34 1.76 0.00	28.99 1.47 0.00	29.71 1.40 0.00	27.09 1.30 0.00	24.52 1.24 0.00	24.99 1.33 0.00	31.71 1.70 0.00	27.30 1.52 0.00	11.61 0.66 0.00	6.22 0.36 0.00	6.70 0.39 0.00	4.81 0.27 0.00	-1.57 -0.09 0.00	-4.63 -0.28 0.00	7.32 0.49 0.00	18.45 1.24 0.00	28.88 2.05 0.00	28.78 2.10 0.00	34.68 2.69 0.00	36.63 2.86 0.00	34.26 2.74 0.00	33.92 2.73 0.00	31.47 2.38 0.00	29.47 2.16 0.00
FORT ORANGE____ 23900	33.56 0.98 0.00	28.35 0.83 0.00	29.12 0.82 0.00	26.53 0.74 0.00	23.97 0.69 0.00	24.36 0.70 0.00	30.70 0.70 0.00	26.30 0.51 0.00	11.13 0.18 0.00	5.91 0.06 0.00	6.37 0.05 0.00	4.56 0.02 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.91 0.08 0.00	17.43 0.22 0.00	27.25 0.42 0.00	27.20 0.51 0.00	32.71 0.73 0.00	34.67 0.90 0.00	32.45 0.94 0.00	32.16 0.97 0.00	30.09 1.00 0.00	28.40 1.08 0.00
FORT_DRUM_COGEN 23780	30.66 -1.93 0.00	25.82 -1.70 0.00	26.86 -1.44 0.00	24.73 -1.06 0.00	22.26 -1.02 0.00	22.49 -1.17 0.00	28.74 -1.26 0.00	24.57 -1.22 0.00	10.26 -0.68 0.00	5.43 -0.42 0.00	5.87 -0.45 0.00	4.17 -0.37 0.00	-1.36 0.11 0.00	-3.96 0.40 0.00	6.28 -0.56 0.00	16.15 -1.06 0.00	25.74 -1.10 0.00	25.79 -0.90 0.00	30.50 -1.48 0.00	32.28 -1.50 0.00	30.04 -1.47 0.00	20.24 -1.70 9.24	9.82 -1.72 17.55	23.16 -1.69 2.47
FOX_HILLS___ESR 323835	34.57 1.99 0.00	29.20 1.68 0.00	29.89 1.58 0.00	27.27 1.48 0.00	24.69 1.41 0.00	25.17 1.51 0.00	31.94 1.93 0.00	27.59 1.80 -0.01	11.75 0.80 -0.01	6.33 0.47 0.00	6.83 0.52 0.00	4.92 0.38 0.00	-1.60 -0.13 0.00	-4.74 -0.38 0.00	7.48 0.65 0.00	18.84 1.63 0.00	29.41 2.57 0.00	29.27 2.58 -0.01	35.10 3.12 0.00	37.05 3.27 0.00	34.62 3.11 0.00	34.26 3.08 0.00	31.77 2.67 0.00	29.73 2.42 0.00
FPL_FAR_ROCK_GT1 24212	58.00 2.25 -23.17	29.44 1.91 -0.02	30.13 1.82 0.00	27.49 1.70 0.00	24.89 1.60 0.00	25.38 1.73 0.00	32.25 2.22 -0.03	27.73 1.95 0.00	11.81 0.87 0.00	6.37 0.51 0.00	6.87 0.56 0.00	4.95 0.40 0.00	-1.61 -0.14 0.00	-4.76 -0.40 0.00	16.54 0.68 -9.03	32.46 1.69 -13.55	50.29 2.63 -20.83	63.28 2.58 -34.01	64.91 3.19 -29.74	37.09 3.32 0.00	34.72 3.21 0.00	36.10 3.19 -1.72	41.42 2.82 -9.51	42.55 2.60 -12.64
FPL_FAR_ROCK_GT2 23815	58.00 2.25 -23.17	29.44 1.91 -0.02	30.13 1.82 0.00	27.49 1.70 0.00	24.89 1.60 0.00	25.38 1.73 0.00	32.25 2.22 -0.03	27.73 1.95 0.00	11.81 0.87 0.00	6.37 0.51 0.00	6.87 0.56 0.00	4.95 0.40 0.00	-1.61 -0.14 0.00	-4.76 -0.40 0.00	16.54 0.68 -9.03	32.46 1.69 -13.55	50.29 2.63 -20.83	63.28 2.58 -34.01	64.91 3.19 -29.74	37.09 3.32 0.00	34.72 3.21 0.00	36.10 3.19 -1.72	41.42 2.82 -9.51	42.55 2.60 -12.64

FRANKLIN_FALL_HYD 24054	32.13 -0.46 0.00	27.16 -0.37 0.00	27.96 -0.35 0.00	25.53 -0.25 0.00	23.05 -0.23 0.00	23.43 -0.23 0.00	29.78 -0.22 0.00	25.60 -0.18 0.00	10.86 -0.09 0.00	5.80 -0.05 0.00	6.23 -0.09 0.00	4.48 -0.06 0.00	-1.45 0.02 0.00	-4.30 0.06 0.00	6.74 -0.09 0.00	17.05 -0.16 0.00	26.49 -0.35 0.00	26.39 -0.30 0.00	31.50 -0.48 0.00	33.19 -0.58 0.00	30.65 -0.87 0.00	27.75 -1.16 2.28	23.39 -1.25 4.45	25.54 -1.15 0.63
FREEPORT_EQUS_GT1 23764	51.86 2.19 -17.09	29.38 1.85 -0.01	30.05 1.75 0.00	27.42 1.64 0.00	24.82 1.54 0.00	25.32 1.67 0.00	32.18 2.16 -0.02	27.66 1.88 0.00	11.78 0.83 0.00	6.34 0.49 0.00	6.84 0.53 0.00	4.93 0.38 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	14.14 0.65 -6.66	28.82 1.62 -9.99	44.70 2.51 -15.36	54.25 2.48 -25.08	56.97 3.06 -21.93	36.94 3.16 0.00	34.59 3.07 0.00	35.52 3.06 -1.26	38.82 2.71 -7.01	39.14 2.51 -9.32
FREEPORT___CT2 23818	51.86 2.19 -17.09	29.38 1.85 -0.01	30.05 1.75 0.00	27.42 1.64 0.00	24.82 1.54 0.00	25.32 1.67 0.00	32.18 2.16 -0.02	27.66 1.88 0.00	11.78 0.83 0.00	6.34 0.49 0.00	6.84 0.53 0.00	4.93 0.38 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	14.14 0.65 -6.66	28.82 1.62 -9.99	44.70 2.51 -15.36	54.25 2.48 -25.08	56.97 3.06 -21.93	36.94 3.16 0.00	34.59 3.07 0.00	35.52 3.06 -1.26	38.82 2.71 -7.01	39.14 2.51 -9.32
FRESHKLS_33_KV_LOAD 356253	34.64 2.06 0.00	29.26 1.73 0.00	29.95 1.64 0.00	27.33 1.54 0.00	24.75 1.46 0.00	25.23 1.58 0.00	32.01 2.00 0.00	27.64 1.85 -0.01	11.77 0.82 -0.01	6.34 0.48 0.00	6.84 0.53 0.00	4.93 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.87 1.66 0.00	29.46 2.62 0.00	29.32 2.63 -0.01	35.17 3.19 0.00	37.14 3.36 0.00	34.71 3.19 0.00	34.34 3.16 0.00	31.84 2.75 0.00	29.80 2.48 0.00
FULTON COGEN____ 23766	31.68 -0.91 0.00	26.72 -0.80 0.00	27.48 -0.82 0.00	25.03 -0.76 0.00	22.57 -0.72 0.00	22.92 -0.73 0.00	29.09 -0.92 0.00	24.97 -0.81 0.00	10.58 -0.37 0.00	5.67 -0.19 0.00	6.12 -0.20 0.00	4.41 -0.13 0.00	-1.43 0.05 0.00	-4.22 0.13 0.00	6.62 -0.22 0.00	16.68 -0.52 0.00	26.05 -0.79 0.00	25.90 -0.78 0.00	30.97 -1.02 0.00	32.69 -1.08 0.00	30.53 -0.99 0.00	29.65 -0.98 0.56	27.07 -0.95 1.07	26.33 -0.83 0.15
FULTON___LFGE 323630	33.93 1.35 0.00	28.62 1.09 0.00	29.36 1.05 0.00	26.76 0.97 0.00	24.17 0.89 0.00	24.60 0.94 0.00	31.04 1.04 0.00	26.22 0.43 0.00	10.99 0.05 0.00	5.84 -0.02 0.00	6.27 -0.04 0.00	4.50 -0.04 0.00	-1.46 0.01 0.00	-4.31 0.05 0.00	6.78 -0.05 0.00	17.07 -0.13 0.00	26.67 -0.17 0.00	26.76 0.07 0.00	32.98 0.99 0.00	35.32 1.54 0.00	33.05 1.53 0.00	32.71 1.52 0.00	30.42 1.33 0.00	28.45 1.13 0.00
G.F.CEMENT___DRP 24184	34.29 1.71 0.00	28.99 1.47 0.00	29.79 1.48 0.00	27.07 1.28 0.00	24.50 1.21 0.00	24.92 1.26 0.00	31.62 1.62 0.00	27.01 1.23 0.00	11.36 0.42 0.00	5.99 0.14 0.00	6.44 0.13 0.00	4.61 0.07 0.00	-1.50 -0.02 0.00	-4.44 -0.09 0.00	7.01 0.18 0.00	17.70 0.50 0.00	27.71 0.87 0.00	27.84 1.16 0.00	34.02 2.03 0.00	36.21 2.44 0.00	33.90 2.39 0.00	33.49 2.31 0.00	31.06 1.96 0.00	29.10 1.78 0.00
GARDENVILLE___LBMP 24039	29.87 -2.71 0.01	12.04 -2.52 12.97	9.77 -2.75 15.79	7.99 -2.57 15.23	6.36 -2.23 14.70	6.73 -2.15 14.77	11.28 -2.54 16.18	9.70 -1.86 14.22	6.00 -0.69 4.26	5.65 -0.20 0.00	6.23 -0.08 0.00	4.63 0.09 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.64 -0.19 0.00	14.52 -0.52 2.16	25.59 -1.25 0.00	24.99 -1.69 0.00	14.74 -2.07 15.18	14.40 -2.33 17.04	12.92 -2.03 16.56	15.41 -1.93 13.84	25.20 -1.86 2.03	25.88 -1.43 0.00
GARDNVLA_35_KV_LD 355827	29.91 -2.67 0.01	14.27 -2.50 10.75	12.48 -2.73 13.09	10.61 -2.55 12.63	8.87 -2.22 12.19	9.26 -2.15 12.25	14.05 -2.54 13.42	12.15 -1.84 11.79	6.74 -0.67 3.53	5.67 -0.19 0.00	6.25 -0.06 0.00	4.65 0.11 0.00	-1.49 -0.02 0.00	-4.40 -0.05 0.00	6.66 -0.17 0.00	14.94 -0.48 1.79	25.68 -1.16 0.00	25.09 -1.60 0.00	17.41 -1.98 12.59	17.40 -2.24 14.14	15.83 -1.95 13.74	17.85 -1.85 11.48	25.62 -1.79 1.69	25.97 -1.34 0.00
GELCKHM___115KV_LOAD 80723	32.12 -0.47 0.00	27.09 -0.43 0.00	27.87 -0.44 0.00	25.37 -0.42 0.00	22.89 -0.39 0.00	23.26 -0.39 0.00	29.53 -0.48 0.00	25.35 -0.44 0.00	10.73 -0.21 0.00	5.75 -0.11 0.00	6.21 -0.11 0.00	4.48 -0.06 0.00	-1.45 0.02 0.00	-4.29 0.06 0.00	6.72 -0.12 0.00	16.93 -0.28 0.00	26.44 -0.39 0.00	26.32 -0.36 0.00	31.48 -0.50 0.00	33.23 -0.54 0.00	31.04 -0.48 0.00	30.72 -0.47 0.00	28.58 -0.51 0.00	26.90 -0.42 0.00
GENERAL___MILLS 23808	29.88 -2.69 0.01	13.66 -2.51 11.36	11.75 -2.74 13.82	9.90 -2.56 13.34	8.19 -2.22 12.87	8.57 -2.15 12.94	13.29 -2.54 14.17	11.48 -1.85 12.45	6.54 -0.68 3.73	5.66 -0.19 0.00	6.24 -0.07 0.00	4.64 0.10 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.65 -0.18 0.00	14.81 -0.50 1.89	25.63 -1.21 0.00	25.04 -1.64 0.00	16.66 -2.02 13.29	16.57 -2.28 14.93	15.02 -1.99 14.50	17.17 -1.89 12.12	25.49 -1.82 1.78	25.94 -1.38 0.00
GE_PLASTICS___DRP 24183	33.41 0.83 0.00	28.23 0.71 0.00	29.01 0.70 0.00	26.42 0.63 0.00	23.88 0.60 0.00	24.27 0.61 0.00	30.65 0.64 0.00	26.30 0.51 0.00	11.14 0.20 0.00	5.94 0.08 0.00	6.39 0.08 0.00	4.58 0.04 0.00	-1.49 -0.02 0.00	-4.41 -0.05 0.00	6.94 0.11 0.00	17.49 0.28 0.00	27.34 0.50 0.00	27.25 0.57 0.00	32.76 0.78 0.00	34.63 0.86 0.00	32.39 0.88 0.00	32.10 0.92 0.00	29.99 0.90 0.00	28.26 0.94 0.00
GILBOA___1 23756	33.37 0.79 0.00	28.19 0.67 0.00	28.94 0.63 0.00	26.37 0.58 0.00	23.85 0.57 0.00	24.25 0.60 0.00	30.75 0.74 0.00	26.42 0.63 0.00	11.24 0.29 0.00	6.02 0.16 0.00	6.49 0.17 0.00	4.66 0.12 0.00	-1.51 -0.04 0.00	-4.48 -0.12 0.00	7.05 0.22 0.00	17.69 0.48 0.00	27.62 0.79 0.00	27.51 0.83 0.00	33.09 1.10 0.00	34.88 1.11 0.00	32.60 1.08 0.00	32.38 1.19 0.00	30.14 1.05 0.00	28.31 0.99 0.00
GILBOA___2 23757	33.37 0.79 0.00	28.19 0.67 0.00	28.94 0.63 0.00	26.37 0.58 0.00	23.85 0.57 0.00	24.25 0.60 0.00	30.75 0.74 0.00	26.42 0.63 0.00	11.24 0.29 0.00	6.02 0.16 0.00	6.49 0.17 0.00	4.66 0.12 0.00	-1.51 -0.04 0.00	-4.48 -0.12 0.00	7.05 0.22 0.00	17.69 0.48 0.00	27.62 0.79 0.00	27.51 0.83 0.00	33.09 1.10 0.00	34.88 1.11 0.00	32.60 1.08 0.00	32.38 1.19 0.00	30.14 1.05 0.00	28.31 0.99 0.00
GILBOA___3 23758	33.37 0.79 0.00	28.19 0.67 0.00	28.94 0.63 0.00	26.37 0.58 0.00	23.85 0.57 0.00	24.25 0.60 0.00	30.75 0.74 0.00	26.42 0.63 0.00	11.24 0.29 0.00	6.02 0.16 0.00	6.49 0.17 0.00	4.66 0.12 0.00	-1.51 -0.04 0.00	-4.48 -0.12 0.00	7.05 0.22 0.00	17.69 0.48 0.00	27.62 0.79 0.00	27.51 0.83 0.00	33.09 1.10 0.00	34.88 1.11 0.00	32.60 1.08 0.00	32.38 1.19 0.00	30.14 1.05 0.00	28.31 0.99 0.00

GILBOA___4 23759	33.37 0.79 0.00	28.19 0.67 0.00	28.94 0.63 0.00	26.37 0.58 0.00	23.85 0.57 0.00	24.25 0.60 0.00	30.75 0.74 0.00	26.42 0.63 0.00	11.24 0.29 0.00	6.02 0.16 0.00	6.49 0.17 0.00	4.66 0.12 0.00	-1.51 -0.04 0.00	-4.48 -0.12 0.00	7.05 0.22 0.00	17.69 0.48 0.00	27.62 0.79 0.00	27.51 0.83 0.00	33.09 1.10 0.00	34.88 1.11 0.00	32.60 1.08 0.00	32.38 1.19 0.00	30.14 1.05 0.00	28.31 0.99 0.00
GILBOA____ 23599	33.37 0.79 0.00	28.19 0.67 0.00	28.94 0.64 0.00	26.37 0.59 0.00	23.85 0.57 0.00	24.26 0.60 0.00	30.75 0.74 0.00	26.42 0.63 0.00	11.24 0.30 0.00	6.02 0.16 0.00	6.49 0.17 0.00	4.66 0.12 0.00	-1.51 -0.04 0.00	-4.48 -0.12 0.00	7.05 0.22 0.00	17.69 0.48 0.00	27.62 0.79 0.00	27.51 0.83 0.00	33.09 1.11 0.00	34.89 1.11 0.00	32.60 1.09 0.00	32.38 1.20 0.00	30.14 1.04 0.00	28.31 0.99 0.00
GINNA____ 23603	30.06 -2.52 0.00	25.26 -2.26 0.00	25.92 -2.39 0.00	23.57 -2.22 0.00	21.30 -1.99 0.00	21.69 -1.97 0.00	27.57 -2.44 0.00	23.75 -2.04 0.00	10.10 -0.84 0.00	5.46 -0.40 0.00	5.94 -0.37 0.00	4.34 -0.20 0.00	-1.40 0.07 0.00	-4.13 0.22 0.00	6.47 -0.36 0.00	16.33 -0.88 0.00	25.30 -1.53 0.00	24.98 -1.70 0.00	29.82 -2.16 0.00	31.41 -2.36 0.00	29.40 -2.11 0.00	29.12 -2.07 0.00	27.09 -2.01 0.00	25.55 -1.76 0.00
GLEN PARK____ 23778	30.67 -1.92 0.00	25.83 -1.69 0.00	26.86 -1.45 0.00	24.72 -1.07 0.00	22.25 -1.04 0.00	22.48 -1.17 0.00	28.73 -1.28 0.00	24.53 -1.26 0.00	10.23 -0.71 0.00	5.42 -0.43 0.00	5.85 -0.46 0.00	4.17 -0.37 0.00	-1.36 0.11 0.00	-3.95 0.40 0.00	6.26 -0.57 0.00	16.14 -1.07 0.00	25.77 -1.07 0.00	25.83 -0.85 0.00	30.53 -1.45 0.00	32.31 -1.46 0.00	30.08 -1.44 0.00	20.82 -1.66 8.71	10.86 -1.69 16.54	23.33 -1.66 2.33
GLENDALE_27_KV_LOAD 356172	34.53 1.95 0.00	29.20 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.19 1.53 0.00	31.96 1.95 0.00	27.60 1.80 -0.01	11.77 0.82 -0.01	6.34 0.48 0.00	6.84 0.53 0.00	4.93 0.39 0.00	-1.61 -0.13 0.00	-4.75 -0.40 0.00	7.50 0.66 0.00	18.87 1.66 0.00	29.46 2.62 0.00	29.31 2.62 -0.01	35.14 3.16 0.00	37.05 3.28 0.00	34.62 3.10 0.00	34.25 3.07 0.00	31.75 2.66 0.00	29.73 2.42 0.00
GLENWOOD_IC_1_G5 23712	55.27 2.00 -20.69	29.23 1.69 -0.01	29.92 1.61 0.00	27.30 1.51 0.00	24.71 1.42 0.00	25.20 1.54 0.00	32.02 1.99 -0.02	27.56 1.78 0.00	11.74 0.79 0.00	6.32 0.47 0.00	6.82 0.51 0.00	4.91 0.37 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	15.52 0.63 -8.06	30.88 1.57 -12.10	47.90 2.47 -18.59	59.49 2.44 -30.36	61.53 2.99 -26.55	36.87 3.10 0.00	34.48 2.96 0.00	35.67 2.95 -1.53	40.18 2.60 -8.49	40.98 2.38 -11.28
GLENWOOD_IC_2_G1 23688	35.35 1.82 -0.95	29.06 1.54 0.00	29.76 1.45 0.00	27.15 1.36 0.00	24.58 1.30 0.00	25.06 1.41 0.00	31.81 1.80 0.00	27.41 1.62 0.00	11.67 0.73 0.00	6.28 0.43 0.00	6.78 0.47 0.00	4.88 0.33 0.00	-1.59 -0.12 0.00	-4.69 -0.34 0.00	7.78 0.58 -0.37	19.22 1.46 -0.56	29.98 2.29 -0.86	30.35 2.27 -1.40	36.01 2.80 -1.22	36.69 2.91 0.00	34.31 2.79 0.00	34.03 2.78 -0.07	31.92 2.43 -0.39	30.07 2.23 -0.52
GLENWOOD_IC_3_G1 23689	35.35 1.82 -0.95	29.06 1.54 0.00	29.76 1.45 0.00	27.15 1.36 0.00	24.58 1.30 0.00	25.06 1.41 0.00	31.81 1.80 0.00	27.41 1.62 0.00	11.67 0.73 0.00	6.28 0.43 0.00	6.78 0.47 0.00	4.88 0.33 0.00	-1.59 -0.12 0.00	-4.69 -0.34 0.00	7.78 0.58 -0.37	19.22 1.46 -0.56	29.98 2.29 -0.86	30.35 2.27 -1.40	36.01 2.80 -1.22	36.69 2.91 0.00	34.31 2.79 0.00	34.03 2.78 -0.07	31.92 2.43 -0.39	30.07 2.23 -0.52
GLENWOOD___4 23550	55.27 2.00 -20.69	29.23 1.69 -0.01	29.92 1.61 0.00	27.30 1.51 0.00	24.71 1.42 0.00	25.20 1.54 0.00	32.02 1.99 -0.02	27.56 1.78 0.00	11.74 0.79 0.00	6.32 0.47 0.00	6.82 0.51 0.00	4.91 0.37 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	15.52 0.63 -8.06	30.88 1.57 -12.10	47.90 2.47 -18.59	59.49 2.44 -30.36	61.53 2.99 -26.55	36.87 3.10 0.00	34.48 2.96 0.00	35.67 2.95 -1.53	40.18 2.60 -8.49	40.98 2.38 -11.28
GLENWOOD___5 23614	55.27 2.00 -20.69	29.23 1.69 -0.01	29.92 1.61 0.00	27.30 1.51 0.00	24.71 1.42 0.00	25.20 1.54 0.00	32.02 1.99 -0.02	27.56 1.78 0.00	11.74 0.79 0.00	6.32 0.47 0.00	6.82 0.51 0.00	4.91 0.37 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	15.52 0.63 -8.06	30.88 1.57 -12.10	47.90 2.47 -18.59	59.49 2.44 -30.36	61.53 2.99 -26.55	36.87 3.10 0.00	34.48 2.96 0.00	35.67 2.95 -1.53	40.18 2.60 -8.49	40.98 2.38 -11.28
GLOBAL GREEN_PORT_GT1 23814	364.38 3.16 -328.64	92.22 2.61 -62.09	66.08 3.04 -34.74	65.84 2.81 -37.25	62.23 2.53 -36.41	26.40 2.74 0.00	33.67 3.65 -0.01	28.79 3.01 0.00	12.15 1.21 0.00	6.48 0.62 0.00	6.93 0.62 0.00	4.96 0.42 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	12.55 0.62 -5.09	26.42 1.56 -7.65	41.06 2.48 -11.75	48.42 2.54 -19.19	51.95 3.19 -16.78	36.68 2.90 0.00	34.32 2.80 0.00	34.79 2.64 -0.97	36.72 2.26 -5.37	36.48 2.05 -7.11
GLOBE___DSASP 323697	29.25 -3.33 0.01	15.63 -2.97 8.92	14.26 -3.19 10.86	12.36 -2.95 10.48	10.60 -2.57 10.11	10.98 -2.51 10.17	15.81 -3.06 11.13	13.73 -2.28 9.78	7.20 -0.82 2.93	5.58 -0.27 0.00	6.16 -0.15 0.00	4.58 0.04 0.00	-1.48 0.00 0.00	-4.35 0.00 0.00	6.57 -0.27 0.00	14.97 -0.75 1.49	25.07 -1.77 0.00	24.48 -2.20 0.00	18.73 -2.74 10.51	18.94 -3.03 11.81	17.35 -2.69 11.47	19.05 -2.56 9.58	25.34 -2.35 1.40	25.44 -1.88 0.00
GOETHSLN___LBMP 323567	34.23 1.65 0.00	28.91 1.39 0.00	29.60 1.30 0.00	27.01 1.23 0.00	24.46 1.18 0.00	24.93 1.28 0.00	31.64 1.64 0.00	27.33 1.54 0.00	11.65 0.70 0.00	6.27 0.42 0.00	6.77 0.45 0.00	4.88 0.33 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.58 0.00	18.68 1.47 0.00	29.16 2.32 0.00	29.00 2.31 0.00	34.81 2.83 0.00	36.73 2.95 0.00	34.31 2.80 0.00	33.94 2.76 0.00	31.47 2.38 0.00	29.47 2.15 0.00
GOLAH___69_KV_TB 1_2 80279	31.28 -1.30 0.00	26.24 -1.28 0.00	26.90 -1.41 0.00	24.46 -1.33 0.00	22.13 -1.15 0.00	22.55 -1.10 0.00	28.68 -1.33 0.00	24.75 -1.03 0.00	10.53 -0.42 0.00	5.71 -0.14 0.00	6.24 -0.08 0.00	4.58 0.04 0.00	-1.47 0.00 0.00	-4.36 0.00 0.00	6.76 -0.07 0.00	17.15 -0.06 0.00	26.49 -0.35 0.00	26.06 -0.63 0.00	31.11 -0.88 0.00	32.74 -1.04 0.00	30.69 -0.83 0.00	30.42 -0.76 0.00	28.31 -0.78 0.00	26.75 -0.57 0.00
GOODYEAR_LAKE_HYD 323669	33.44 0.85 0.00	28.21 0.69 0.00	28.95 0.64 0.00	26.36 0.57 0.00	23.82 0.53 0.00	24.24 0.58 0.00	30.78 0.78 0.00	26.38 0.60 0.00	11.19 0.24 0.00	6.00 0.14 0.00	6.47 0.15 0.00	4.66 0.12 0.00	-1.52 -0.04 0.00	-4.47 -0.11 0.00	7.03 0.20 0.00	17.65 0.44 0.00	27.56 0.72 0.00	27.49 0.80 0.00	33.11 1.13 0.00	35.04 1.27 0.00	32.72 1.21 0.00	32.39 1.20 0.00	30.05 0.96 0.00	28.15 0.84 0.00

GOUDEY___1 345031	32.40 -0.19 0.00	27.35 -0.17 0.00	28.10 -0.20 0.00	25.57 -0.21 0.00	23.11 -0.17 0.00	23.51 -0.14 0.00	29.92 -0.09 0.00	25.72 -0.07 0.00	10.89 -0.05 0.00	5.86 0.01 0.00	6.34 0.02 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.40 -0.04 0.00	6.85 0.02 0.00	17.21 0.00 0.00	26.80 -0.04 0.00	26.71 0.03 0.00	32.12 0.14 0.00	33.93 0.15 0.00	31.73 0.21 0.00	31.36 0.17 0.00	29.10 0.01 0.00	27.40 0.08 0.00
GOUDEY___7 23579	32.40 -0.19 0.00	27.35 -0.17 0.00	28.10 -0.20 0.00	25.57 -0.21 0.00	23.11 -0.17 0.00	23.51 -0.14 0.00	29.92 -0.09 0.00	25.72 -0.07 0.00	10.89 -0.05 0.00	5.86 0.01 0.00	6.34 0.02 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.40 -0.04 0.00	6.85 0.02 0.00	17.21 0.00 0.00	26.80 -0.04 0.00	26.71 0.03 0.00	32.12 0.14 0.00	33.93 0.15 0.00	31.73 0.21 0.00	31.36 0.17 0.00	29.10 0.01 0.00	27.40 0.08 0.00
GOUDEY___8 23580	32.40 -0.19 0.00	27.35 -0.17 0.00	28.10 -0.20 0.00	25.57 -0.21 0.00	23.11 -0.17 0.00	23.51 -0.14 0.00	29.92 -0.09 0.00	25.72 -0.07 0.00	10.89 -0.05 0.00	5.86 0.01 0.00	6.34 0.02 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.40 -0.04 0.00	6.85 0.02 0.00	17.21 0.00 0.00	26.80 -0.04 0.00	26.71 0.03 0.00	32.12 0.14 0.00	33.93 0.15 0.00	31.73 0.21 0.00	31.36 0.17 0.00	29.10 0.01 0.00	27.40 0.08 0.00
GOWANUS_GT1_1 24077	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GOWANUS_GT1_2 24078	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GOWANUS_GT1_3 24079	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GOWANUS_GT1_4 24080	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GOWANUS_GT1_5 24084	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33														

GOWANUS_GT2_5 24118	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT2_6 24119	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT2_7 24120	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT2_8 24121	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT3_1 24122	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT3_2 24123	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT3_3 24124	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT3_4 24125	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT3_5 24126	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT3_6 24127	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT3_7 24128	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT3_8 24129	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
GOWANUS_GT4_1 24130	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GOWANUS_GT4_2 24131	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GOWANUS_GT4_3 24132	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00

GOWANUS_GT4_4 24133	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GOWANUS_GT4_5 24134	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GOWANUS_GT4_6 24135	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GOWANUS_GT4_7 24136	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GOWANUS_GT4_8 24137	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GREENBSH_115KV_TB3 55895	33.42 0.84 0.00	28.24 0.72 0.00	29.01 0.71 0.00	26.43 0.64 0.00	23.88 0.60 0.00	24.26 0.60 0.00	30.57 0.57 0.00	26.22 0.43 0.00	11.11 0.16 0.00	5.90 0.05 0.00	6.36 0.04 0.00	4.55 0.01 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.90 0.07 0.00	17.40 0.20 0.00	27.21 0.37 0.00	27.14 0.46 0.00	32.61 0.63 0.00	34.48 0.70 0.00	32.26 0.74 0.00	31.97 0.78 0.00	29.92 0.83 0.00	28.27 0.95 0.00
GREENDGE_115KV_TB5 80291	31.89 -0.70 -0.01	40.83 -0.65 -13.96	44.58 -0.73 -17.00	41.46 -0.73 -16.40	38.48 -0.63 -15.83	38.95 -0.61 -15.91	46.83 -0.60 -17.42	40.56 -0.54 -15.31	15.24 -0.29 -4.58	5.73 -0.12 0.00	6.21 -0.10 0.00	4.54 -0.01 0.00	-1.45 0.02 0.00	-4.32 0.04 0.00	6.67 -0.16 0.00	19.13 -0.41 -2.33	26.55 -0.28 0.00	26.50 -0.19 0.00	48.12 -0.26 -16.39	51.84 -0.31 -18.38	49.10 -0.27 -17.85	45.81 -0.30 -14.92	30.80 -0.49 -2.19	26.98 -0.33 0.00
GREENIDGE___3 23582	31.89 -0.70 -0.01	40.83 -0.65 -13.96	44.58 -0.73 -17.00	41.46 -0.73 -16.40	38.48 -0.63 -15.83	38.95 -0.61 -15.91	46.83 -0.60 -17.42	40.56 -0.54 -15.31	15.24 -0.29 -4.58	5.73 -0.12 0.00	6.21 -0.10 0.00	4.54 -0.01 0.00	-1.45 0.02 0.00	-4.32 0.04 0.00	6.67 -0.16 0.00	19.13 -0.41 -2.33	26.55 -0.28 0.00	26.50 -0.19 0.00	48.12 -0.26 -16.39	51.84 -0.31 -18.38	49.10 -0.27 -17.85	45.81 -0.30 -14.92	30.80 -0.49 -2.19	26.98 -0.33 0.00
GREENIDGE___4 23583	31.89 -0.71 -0.01	40.83 -0.65 -13.96	44.58 -0.73 -17.00	41.46 -0.73 -16.40	38.48 -0.63 -15.83	38.95 -0.61 -15.91	46.83 -0.60 -17.42	40.56 -0.54 -15.31	15.24 -0.29 -4.58	5.73 -0.12 0.00	6.21 -0.10 0.00	4.54 -0.01 0.00	-1.45 0.02 0.00	-4.32 0.04 0.00	6.67 -0.16 0.00	19.13 -0.41 -2.33	26.55 -0.28 0.00	26.49 -0.19 0.00	48.13 -0.25 -16.39	51.84 -0.31 -18.38	49.10 -0.27 -17.85	45.80 -0.31 -14.92	30.79 -0.49 -2.19	26.98 -0.33 0.00
GREENLWN_69_KV_BK 3 55738	-17.20 2.02 51.81	16.46 1.74 12.81	22.79 1.65 7.17	19.64 1.54 7.69	17.22 1.46 7.52	25.28 1.63 0.00	32.17 2.15 -0.01	27.64 1.85 0.00	11.75 0.81 0.00	6.32 0.47 0.00	6.82 0.50 0.00	4.91 0.37 0.00	-1.60 -0.12 0.00	-4.72 -0.36 0.00	12.65 0.62 -5.19	26.57 1.56 -7.80	41.19 2.37 -11.98	48.52 2.26 -19.57	51.79 2.70 -17.11	36.42 2.65 0.00	34.09 2.58 0.00	34.79 2.62 -0.99	36.97 2.41 -5.47	36.87 2.30 -7.26
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00
GRISSOM___SOLAR 323813	33.94 1.36 0.00	28.63 1.11 0.00	29.38 1.08 0.00	26.77 0.98 0.00	24.19 0.91 0.00	24.61 0.96 0.00	31.06 1.05 0.00	26.20 0.42 0.00	10.98 0.04 0.00	5.83 -0.03 0.00	6.27 -0.05 0.00	4.49 -0.05 0.00	-1.46 0.01 0.00	-4.30 0.05 0.00	6.78 -0.05 0.00	17.07 -0.13 0.00	26.67 -0.16 0.00	26.74 0.06 0.00	32.99 1.01 0.00	35.35 1.58 0.00	33.07 1.56 0.00	32.74 1.55 0.00	30.45 1.36 0.00	28.51 1.19 0.00
GROVEVILLE___HYD 323602	34.34 1.76 0.00	28.99 1.47 0.00	29.71 1.40 0.00	27.09 1.30 0.00	24.52 1.24 0.00	24.99 1.33 0.00	31.71 1.70 0.00	27.30 1.52 0.00	11.61 0.66 0.00	6.22 0.36 0.00	6.70 0.39 0.00	4.81 0.27 0.00	-1.57 -0.09 0.00	-4.63 -0.28 0.00	7.32 0.49 0.00	18.45 1.24 0.00	28.88 2.05 0.00	28.78 2.10 0.00	34.68 2.69 0.00	36.63 2.86 0.00	34.26 2.74 0.00	33.92 2.73 0.00	31.47 2.38 0.00	29.47 2.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.32 -0.26 0.00	27.26 -0.27 0.00	28.05 -0.26 0.00	25.54 -0.25 0.00	23.03 -0.25 0.00	23.41 -0.25 0.00	29.72 -0.28 0.00	25.50 -0.29 0.00	10.79 -0.16 0.00	5.77 -0.08 0.00	6.24 -0.08 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.74 -0.09 0.00	17.00 -0.20 0.00	26.61 -0.23 0.00	26.50 -0.18 0.00	31.70 -0.29 0.00	33.46 -0.31 0.00	31.26 -0.26 0.00	30.93 -0.25 0.00	28.76 -0.33 0.00	27.07 -0.25 0.00
HAMLTNNY_34_KV_TB 80303	32.35 -0.23 0.00	27.26 -0.26 0.00	28.06 -0.25 0.00	25.54 -0.25 0.00	23.03 -0.25 0.00	23.42 -0.23 0.00	29.74 -0.27 0.00	25.51 -0.28 0.00	10.78 -0.16 0.00	5.77 -0.09 0.00	6.24 -0.08 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.74 -0.10 0.00	17.00 -0.21 0.00	26.62 -0.22 0.00	26.54 -0.14 0.00	31.75 -0.23 0.00	33.52 -0.26 0.00	31.31 -0.20 0.00	31.00 -0.19 0.00	28.80 -0.29 0.00	27.12 -0.20 0.00

HAMPSHIRE___PAPER_HYD 323593	31.06 -1.52 0.00	26.22 -1.31 0.00	27.18 -1.13 0.00	24.93 -0.86 0.00	22.50 -0.78 0.00	22.79 -0.86 0.00	29.04 -0.97 0.00	24.88 -0.90 0.00	10.47 -0.48 0.00	5.56 -0.29 0.00	5.99 -0.32 0.00	4.27 -0.27 0.00	-1.39 0.08 0.00	-4.07 0.28 0.00	6.39 -0.44 0.00	16.31 -0.90 0.00	25.64 -1.20 0.00	25.63 -1.06 0.00	30.47 -1.51 0.00	32.25 -1.52 0.00	29.94 -1.58 0.00	20.30 -1.76 9.13	9.91 -1.80 17.38	23.17 -1.70 2.45
HARDSCRABBLE_WT_PWR 323673	33.94 1.36 0.00	28.64 1.12 0.00	29.45 1.14 0.00	26.76 0.97 0.00	24.21 0.92 0.00	24.61 0.95 0.00	30.99 0.98 0.00	26.22 0.44 0.00	10.95 0.00 0.00	5.75 -0.11 0.00	6.14 -0.17 0.00	4.40 -0.14 0.00	-1.43 0.05 0.00	-4.21 0.14 0.00	6.66 -0.17 0.00	16.80 -0.41 0.00	26.23 -0.61 0.00	26.61 -0.07 0.00	32.97 0.99 0.00	35.41 1.63 0.00	33.13 1.62 0.00	33.88 1.69 -1.01	32.71 1.72 -1.91	29.00 1.42 -0.27
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.18 1.60 0.00	28.83 1.31 0.00	29.54 1.23 0.00	26.93 1.15 0.00	24.39 1.11 0.00	24.86 1.20 0.00	31.54 1.54 0.00	27.18 1.40 0.00	11.57 0.62 0.00	6.21 0.36 0.00	6.70 0.39 0.00	4.81 0.27 0.00	-1.57 -0.10 0.00	-4.64 -0.28 0.00	7.33 0.50 0.00	18.47 1.27 0.00	28.87 2.04 0.00	28.76 2.07 0.00	34.61 2.63 0.00	36.53 2.76 0.00	34.16 2.65 0.00	33.81 2.62 0.00	31.35 2.26 0.00	29.36 2.04 0.00
HARSNRAD_115KV_TB1 81005	29.58 -3.00 0.01	15.88 -2.73 8.91	14.51 -2.95 10.84	12.58 -2.74 10.46	10.81 -2.38 10.10	11.19 -2.32 10.15	16.08 -2.81 11.12	13.94 -2.08 9.77	7.26 -0.76 2.93	5.60 -0.25 0.00	6.19 -0.13 0.00	4.60 0.06 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.60 -0.23 0.00	15.08 -0.64 1.49	25.28 -1.55 0.00	24.70 -1.99 0.00	19.19 -2.36 10.42	19.36 -2.71 11.71	17.79 -2.35 11.37	19.47 -2.21 9.50	25.59 -2.10 1.40	25.66 -1.66 0.00
HARZA MOOSE___RIVER 24016	31.76 -0.82 0.00	26.74 -0.78 0.00	27.75 -0.56 0.00	25.48 -0.30 0.00	23.01 -0.27 0.00	23.27 -0.38 0.00	29.66 -0.34 0.00	25.40 -0.38 0.00	10.65 -0.29 0.00	5.65 -0.21 0.00	6.09 -0.23 0.00	4.33 -0.21 0.00	-1.42 0.06 0.00	-4.13 0.23 0.00	6.53 -0.30 0.00	16.66 -0.54 0.00	26.28 -0.56 0.00	26.44 -0.25 0.00	31.53 -0.45 0.00	33.36 -0.41 0.00	31.03 -0.48 0.00	30.53 -0.66 0.00	28.36 -0.73 0.00	26.57 -0.75 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.10 -0.48 0.00	27.08 -0.44 0.00	27.85 -0.46 0.00	25.36 -0.43 0.00	22.87 -0.41 0.00	23.24 -0.41 0.00	29.51 -0.49 0.00	25.34 -0.44 0.00	10.74 -0.21 0.00	5.75 -0.10 0.00	6.22 -0.10 0.00	4.49 -0.05 0.00	-1.45 0.02 0.00	-4.30 0.05 0.00	6.73 -0.10 0.00	16.96 -0.25 0.00	26.47 -0.37 0.00	26.33 -0.35 0.00	31.50 -0.48 0.00	33.25 -0.52 0.00	31.07 -0.45 0.00	30.73 -0.45 0.00	28.60 -0.49 0.00	26.92 -0.39 0.00
HELLGATE_13_KV_LD 55870	34.53 1.95 0.00	29.23 1.71 0.00	29.92 1.61 0.00	27.31 1.52 0.00	24.74 1.46 0.00	25.21 1.56 0.00	31.99 1.98 0.00	27.64 1.85 -0.01	11.79 0.83 -0.01	6.35 0.49 0.00	6.85 0.54 0.00	4.93 0.40 0.00	-1.61 -0.14 0.00	-4.76 -0.40 0.00	7.51 0.67 0.00	18.91 1.70 0.00	29.51 2.67 0.00	29.36 2.67 -0.01	35.21 3.23 0.00	37.11 3.33 0.00	34.67 3.16 0.00	34.30 3.12 0.00	31.80 2.71 0.00	29.77 2.45 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.53 1.95 0.00	29.23 1.71 0.00	29.92 1.61 0.00	27.31 1.52 0.00	24.74 1.46 0.00	25.21 1.56 0.00	31.99 1.98 0.00	27.64 1.85 -0.01	11.79 0.83 -0.01	6.35 0.49 0.00	6.85 0.54 0.00	4.93 0.40 0.00	-1.61 -0.14 0.00	-4.76 -0.40 0.00	7.51 0.67 0.00	18.91 1.70 0.00	29.51 2.67 0.00	29.36 2.67 -0.01	35.21 3.23 0.00	37.11 3.33 0.00	34.67 3.16 0.00	34.30 3.12 0.00	31.80 2.71 0.00	29.77 2.45 0.00
HEMPSTEAD___ 23647	53.16 2.07 -18.51	29.28 1.75 -0.01	29.97 1.66 0.00	27.34 1.56 0.00	24.76 1.47 0.00	25.26 1.60 0.00	32.10 2.07 -0.02	27.60 1.82 0.00	11.75 0.81 0.00	6.33 0.48 0.00	6.83 0.52 0.00	4.91 0.37 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	14.68 0.63 -7.21	29.62 1.58 -10.82	45.94 2.47 -16.63	56.29 2.44 -27.16	58.71 2.97 -23.76	36.83 3.05 0.00	34.46 2.94 0.00	35.50 2.94 -1.37	39.28 2.59 -7.59	39.80 2.39 -10.09
HICKLING___1 23621	31.62 -0.97 0.00	30.73 -0.80 -0.01	32.32 -0.86 -4.88	29.64 -0.85 -4.71	27.11 -0.72 -4.54	27.51 -0.71 -4.56	34.35 -0.65 -5.00	29.65 -0.53 -4.39	11.99 -0.27 -1.32	5.80 -0.05 0.00	6.29 -0.03 0.00	4.61 0.07 0.00	-1.47 0.00 0.00	-4.39 -0.03 0.00	6.74 -0.09 0.00	17.58 -0.30 -0.67	26.42 -0.41 0.00	26.38 -0.31 0.00	36.49 -0.37 -4.87	38.64 -0.40 -5.26	36.32 -0.31 -5.11	35.03 -0.43 -4.27	29.08 -0.64 -0.63	26.89 -0.43 0.00
HICKLING___2 23622	31.62 -0.97 0.00	30.73 -0.80 -0.01	32.32 -0.86 -4.88	29.64 -0.85 -4.71	27.11 -0.72 -4.54	27.51 -0.71 -4.56	34.35 -0.65 -5.00	29.65 -0.53 -4.39	11.99 -0.27 -1.32	5.80 -0.05 0.00	6.29 -0.03 0.00	4.61 0.07 0.00	-1.47 0.00 0.00	-4.39 -0.03 0.00	6.74 -0.09 0.00	17.58 -0.30 -0.67	26.42 -0.41 0.00	26.38 -0.31 0.00	36.49 -0.37 -4.87	38.64 -0.40 -5.26	36.32 -0.31 -5.11	35.03 -0.43 -4.27	29.08 -0.64 -0.63	26.89 -0.43 0.00
HIGH FALLS___HY 23754	34.32 1.74 0.00	28.95 1.42 0.00	29.66 1.35 0.00	27.04 1.25 0.00	24.48 1.20 0.00	24.96 1.30 0.00	31.72 1.71 0.00	27.33 1.55 0.00	11.62 0.67 0.00	6.21 0.36 0.00	6.69 0.37 0.00	4.79 0.25 0.00	-1.55 -0.08 0.00	-4.59 -0.24 0.00	7.26 0.43 0.00	18.27 1.07 0.00	28.61 1.77 0.00	28.57 1.88 0.00	34.49 2.51 0.00	36.51 2.74 0.00	34.34 2.83 0.00	34.01 2.82 0.00	31.50 2.41 0.00	29.45 2.13 0.00
HIGH_RIVER___SOLAR 323847	33.63 1.05 0.00	28.38 0.86 0.00	29.16 0.85 0.00	26.56 0.77 0.00	24.00 0.72 0.00	24.41 0.75 0.00	30.87 0.87 0.00	26.27 0.49 0.00	11.04 0.09 0.00	5.85 -0.01 0.00	6.29 -0.03 0.00	4.50 -0.04 0.00	-1.46 0.01 0.00	-4.32 0.04 0.00	6.80 -0.03 0.00	17.15 -0.06 0.00	26.79 -0.04 0.00	26.94 0.25 0.00	32.89 0.90 0.00	35.04 1.26 0.00	32.77 1.26 0.00	32.46 1.27 0.00	30.22 1.12 0.00	28.33 1.01 0.00
HILLBURN___GT 23639	34.13 1.55 0.00	28.77 1.25 0.00	29.48 1.17 0.00	26.89 1.10 0.00	24.35 1.07 0.00	24.83 1.18 0.00	31.51 1.50 0.00	27.18 1.39 0.00	11.57 0.63 0.00	6.22 0.37 0.00	6.71 0.40 0.00	4.83 0.29 0.00	-1.58 -0.10 0.00	-4.65 -0.30 0.00	7.36 0.52 0.00	18.53 1.32 0.00	28.92 2.08 0.00	28.76 2.07 0.00	34.57 2.58 0.00	36.48 2.71 0.00	34.11 2.60 0.00	33.77 2.59 0.00	31.30 2.21 0.00	29.32 2.00 0.00
HILLSIDE_115KV_TB1 80332	31.49 -1.10 0.00	30.19 -0.91 -3.57	31.71 -0.95 -4.35	29.06 -0.92 -4.20	26.56 -0.77 -4.05	26.98 -0.75 -4.07	33.76 -0.71 -4.46	29.13 -0.57 -3.92	11.84 -0.28 -1.17	5.81 -0.05 0.00	6.29 -0.03 0.00	4.60 0.06 0.00	-1.47 0.00 0.00	-4.39 -0.03 0.00	6.78 -0.06 0.00	17.55 -0.25 -0.59	26.31 -0.52 0.00	26.17 -0.51 0.00	35.66 -0.54 -4.21	37.93 -0.54 -4.69	35.66 -0.42 -4.56	34.45 -0.55 -3.81	28.92 -0.73 -0.56	26.80 -0.52 0.00

HISHELDN_WT_PWR 323625	29.89 -2.67 0.02	-2.84 -2.47 27.89	-8.37 -2.72 33.96	-9.55 -2.58 32.76	-10.61 -2.27 31.62	-10.35 -2.23 31.78	-7.37 -2.57 34.81	-6.76 -1.95 30.59	1.00 -0.79 9.16	5.58 -0.27 0.00	6.13 -0.18 0.00	4.56 0.01 0.00	-1.44 0.03 0.00	-4.30 0.05 0.00	6.49 -0.34 0.00	11.70 -0.85 4.66	25.43 -1.40 0.00	24.97 -1.72 0.00	-2.82 -2.13 32.67	-5.38 -2.46 36.69	-6.33 -2.20 35.65	-0.69 -2.07 29.80	22.71 -2.01 4.38	25.75 -1.57 0.00
HOLTSVILLE_IC_1 23690	354.98 2.45 -319.95	89.98 2.07 -60.38	64.09 2.00 -33.78	63.87 1.86 -36.23	60.45 1.75 -35.42	25.58 1.92 0.00	32.58 2.56 -0.01	27.97 2.19 0.00	11.87 0.93 0.00	6.37 0.51 0.00	6.85 0.54 0.00	4.94 0.40 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	12.58 0.66 -5.09	26.51 1.67 -7.63	41.16 2.59 -11.73	48.39 2.55 -19.16	51.82 3.09 -16.75	36.73 2.95 0.00	34.39 2.87 0.00	35.03 2.87 -0.97	37.06 2.61 -5.36	36.86 2.45 -7.10
HOLTSVILLE_IC_10 23699	382.60 2.57 -347.45	95.46 2.17 -65.77	67.19 2.08 -36.80	67.19 1.94 -39.46	63.68 1.82 -38.58	25.66 2.00 0.00	32.70 2.68 -0.01	28.07 2.29 0.00	11.92 0.97 0.00	6.38 0.53 0.00	6.87 0.56 0.00	4.95 0.41 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	12.64 0.68 -5.12	26.63 1.73 -7.69	41.35 2.70 -11.82	48.65 2.67 -19.30	52.11 3.25 -16.88	36.87 3.10 0.00	34.53 3.01 0.00	35.16 3.00 -0.97	37.21 2.72 -5.40	37.02 2.54 -7.16
HOLTSVILLE_IC_2 23691	354.98 2.45 -319.95	89.98 2.07 -60.38	64.09 2.00 -33.78	63.87 1.86 -36.23	60.45 1.75 -35.42	25.58 1.92 0.00	32.58 2.56 -0.01	27.97 2.19 0.00	11.87 0.93 0.00	6.37 0.51 0.00	6.85 0.54 0.00	4.94 0.40 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	12.58 0.66 -5.09	26.51 1.67 -7.63	41.16 2.59 -11.73	48.39 2.55 -19.16	51.82 3.09 -16.75	36.73 2.95 0.00	34.39 2.87 0.00	35.03 2.87 -0.97	37.06 2.61 -5.36	36.86 2.45 -7.10
HOLTSVILLE_IC_3 23692	354.98 2.45 -319.95	89.98 2.07 -60.38	64.09 2.00 -33.78	63.87 1.86 -36.23	60.45 1.75 -35.42	25.58 1.92 0.00	32.58 2.56 -0.01	27.97 2.19 0.00	11.87 0.93 0.00	6.37 0.51 0.00	6.85 0.54 0.00	4.94 0.40 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	12.58 0.66 -5.09	26.51 1.67 -7.63	41.16 2.59 -11.73	48.39 2.55 -19.16	51.82 3.09 -16.75	36.73 2.95 0.00	34.39 2.87 0.00	35.03 2.87 -0.97	37.06 2.61 -5.36	36.86 2.45 -7.10
HOLTSVILLE_IC_4 23693	354.98 2.45 -319.95	89.98 2.07 -60.38	64.09 2.00 -33.78	63.87 1.86 -36.23	60.45 1.75 -35.42	25.58 1.92 0.00	32.58 2.56 -0.01	27.97 2.19 0.00	11.87 0.93 0.00	6.37 0.51 0.00	6.85 0.54 0.00	4.94 0.40 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	12.58 0.66 -5.09	26.51 1.67 -7.63	41.16 2.59 -11.73	48.39 2.55 -19.16	51.82 3.09 -16.75	36.73 2.95 0.00	34.39 2.87 0.00	35.03 2.87 -0.97	37.06 2.61 -5.36	36.86 2.45 -7.10
HOLTSVILLE_IC_5 23694	354.98 2.45 -319.95	89.98 2.07 -60.38	64.09 2.00 -33.78	63.87 1.86 -36.23	60.45 1.75 -35.42	25.58 1.92 0.00	32.58 2.56 -0.01	27.97 2.19 0.00	11.87 0.93 0.00	6.37 0.51 0.00	6.85 0.54 0.00	4.94 0.40 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	12.58 0.66 -5.09	26.51 1.67 -7.63	41.16 2.59 -11.73	48.39 2.55 -19.16	51.82 3.09 -16.75	36.73 2.95 0.00	34.39 2.87 0.00	35.03 2.87 -0.97	37.06 2.61 -5.36	36.86 2.45 -7.10
HOLTSVILLE_IC_6 23695	382.60 2.57 -347.45	95.46 2.17 -65.77	67.19 2.08 -36.80	67.19 1.94 -39.46	63.68 1.82 -38.58	25.66 2.00 0.00	32.70 2.68 -0.01	28.07 2.29 0.00	11.92 0.97 0.00	6.38 0.53 0.00	6.87 0.56 0.00	4.95 0.41 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	12.64 0.68 -5.12	26.63 1.73 -7.69	41.35 2.70 -11.82	48.65 2.67 -19.30	52.11 3.25 -16.88	36.87 3.10 0.00	34.53 3.01 0.00	35.16 3.00 -0.97	37.21 2.72 -5.40	37.02 2.54 -7.16
HOLTSVILLE_IC_7 23696	382.60 2.57 -347.45	95.46 2.17 -65.77	67.19 2.08 -36.80	67.19 1.94 -39.46	63.68 1.82 -38.58	25.66 2.00 0.00	32.70 2.68 -0.01	28.07 2.29 0.00	11.92 0.97 0.00	6.38 0.53 0.00	6.87 0.56 0.00	4.95 0.41 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	12.64 0.68 -5.12	26.63 1.73 -7.69	41.35 2.70 -11.82	48.65 2.67 -19.30	52.11 3.25 -16.88	36.87 3.10 0.00	34.53 3.01 0.00	35.16 3.00 -0.97	37.21 2.72 -5.40	37.02 2.54 -7.16
HOLTSVILLE_IC_8 23697	382.60 2.57 -347.45	95.46 2.17 -65.77	67.19 2.08 -36.80	67.19 1.94 -39.46	63.68 1.82 -38.58	25.66 2.00 0.00	32.70 2.68 -0.01	28.07 2.29 0.00	11.92 0.97 0.00	6.38 0.53 0.00	6.87 0.56 0.00	4.95 0.41 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	12.64 0.68 -5.12	26.63 1.73 -7.69	41.35 2.70 -11.82	48.65 2.67 -19.30	52.11 3.25 -16.88	36.87 3.10 0.00	34.53 3.01 0.00	35.16 3.00 -0.97	37.21 2.72 -5.40	37.02 2.54 -7.16
HOLTSVILLE_IC_9 23698	382.60 2.57 -347.45	95.46 2.17 -65.77	67.19 2.08 -36.80	67.19 1.94 -39.46	63.68 1.82 -38.58	25.66 2.00 0.00	32.70 2.68 -0.01	28.07 2.29 0.00	11.92 0.97 0.00	6.38 0.53 0.00	6.87 0.56 0.00	4.95 0.41 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	12.64 0.68 -5.12	26.63 1.73 -7.69	41.35 2.70 -11.82	48.65 2.67 -19.30	52.11 3.25 -16.88	36.87 3.10 0.00	34.53 3.01 0.00	35.16 3.00 -0.97	37.21 2.72 -5.40	37.02 2.54 -7.16
HOMER_HL_115KV_TB2 355744	30.17 -2.41 0.00	22.07 -2.04 3.41	21.97 -2.19 4.15	19.75 -2.03 4.00	17.66 -1.76 3.86	18.11 -1.66 3.88	23.88 -1.87 4.25	20.78 -1.27 3.74	9.35 -0.48 1.12	5.75 -0.11 0.00	6.30 -0.01 0.00	4.65 0.11 0.00	-1.48 -0.01 0.00	-4.40 -0.05 0.00	6.75 -0.09 0.00	16.31 -0.33 0.57	25.77 -1.07 0.00	25.24 -1.45 0.00	26.45 -1.54 3.99	27.59 -1.70 4.49	25.66 -1.50 4.36	26.00 -1.54 3.64	26.89 -1.66 0.53	26.06 -1.26 0.00
HOWARD_WT_PWR 323690	30.96 -1.65 -0.02	55.71 -1.49 -29.68	62.62 -1.81 -36.13	58.83 -1.81 -34.86	55.21 -1.71 -33.64	55.59 -1.87 -33.81	65.07 -1.97 -37.03	56.92 -1.41 -32.54	20.09 -0.60 -9.74	5.59 -0.26 0.00	6.08 -0.24 0.00	4.49 -0.05 0.00	-1.39 0.08 0.00	-4.21 0.14 0.00	6.29 -0.55 0.00	20.83 -1.33 -4.96	25.18 -1.65 0.00	25.59 -1.10 0.00	65.42 -1.37 -34.81	71.00 -1.83 -39.06	67.61 -1.85 -37.95	61.09 -1.82 -31.72	31.84 -1.91 -4.66	25.83 -1.49 0.00
HQ_GEN_CEDARS 23644	32.34 -0.25 0.00	27.37 -0.15 0.00	28.21 -0.10 0.00	25.71 -0.07 0.00	23.23 -0.05 0.00	23.62 -0.03 0.00	30.00 -0.01 0.00	25.77 -0.01 0.00	10.95 0.00 0.00	5.85 0.00 0.00	6.30 -0.02 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.33 0.02 0.00	6.78 -0.06 0.00	17.10 -0.10 0.00	26.65 -0.19 0.00	26.50 -0.18 0.00	31.62 -0.37 0.00	33.39 -0.39 0.00	31.01 -0.51 0.00	28.20 -0.65 2.33	23.70 -0.82 4.58	25.89 -0.79 0.64
HQ_GEN_CEDARS_PROXY 323590	32.34 -0.25 0.00	27.37 -0.15 0.00	28.21 -0.10 0.00	25.71 -0.07 0.00	23.23 -0.05 0.00	22.77 -0.03 0.86	28.03 -0.01 1.96	25.66 -0.01 0.11	10.95 0.00 0.00	5.85 0.00 0.00	6.30 -0.02 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.33 0.02 0.00	6.78 -0.06 0.00	17.10 -0.10 0.00	26.65 -0.19 0.00	25.72 -0.18 0.78	30.25 -0.37 1.36	33.39 -0.39 0.00	31.01 -0.51 0.00	28.20 -0.65 2.33	23.70 -0.82 4.58	27.07 -0.79 -0.54

HQ_GEN_CHPE_PROXY 323851	34.31 1.73 0.00	29.01 1.49 0.00	29.71 1.40 0.00	27.10 1.31 0.00	24.54 1.26 0.00	25.01 1.35 0.00	31.73 1.73 0.00	27.40 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.21 2.37 0.00	29.06 2.37 0.00	34.85 2.87 0.00	36.77 2.99 0.00	34.35 2.84 0.00	33.98 2.79 0.00	31.51 2.42 0.00	29.80 2.20 -0.28
HQ_GEN_IMPORT 323601	32.57 -0.01 0.00	27.53 0.01 0.00	28.34 0.03 0.00	25.82 0.03 0.00	23.32 0.03 0.00	23.68 0.02 0.00	30.06 0.05 0.00	25.85 0.06 0.00	10.98 0.04 0.00	5.88 0.03 0.00	6.33 0.02 0.00	4.55 0.01 0.00	-1.48 0.00 0.00	-4.37 -0.01 0.00	6.84 0.01 0.00	17.23 0.03 0.00	26.86 0.02 0.00	26.69 0.01 0.00	31.93 -0.05 0.00	33.72 -0.06 0.00	31.39 -0.12 0.00	30.87 -0.14 0.17	29.01 -0.08 0.00	27.47 -0.13 -0.28
HQ_GEN_WHEEL 23651	32.57 -0.01 0.00	27.53 0.01 0.00	28.34 0.03 0.00	25.82 0.03 0.00	23.32 0.03 0.00	23.68 0.02 0.00	30.06 0.05 0.00	25.85 0.06 0.00	10.98 0.04 0.00	5.88 0.03 0.00	6.33 0.02 0.00	4.55 0.01 0.00	-1.48 0.00 0.00	-4.37 -0.01 0.00	6.84 0.01 0.00	17.23 0.03 0.00	26.86 0.02 0.00	26.69 0.01 0.00	31.93 -0.05 0.00	33.72 -0.06 0.00	31.39 -0.12 0.00	30.87 -0.14 0.17	29.01 -0.08 0.00	27.47 -0.13 -0.28
HUDSON AVE_GT_3 23810	34.38 1.79 0.00	29.06 1.54 0.00	29.76 1.45 0.00	27.15 1.36 0.00	24.58 1.30 0.00	25.05 1.39 0.00	31.79 1.79 0.00	27.45 1.67 0.00	11.70 0.75 0.00	6.30 0.45 0.00	6.80 0.49 0.00	4.90 0.36 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	7.45 0.62 0.00	18.76 1.55 0.00	29.28 2.44 0.00	29.13 2.44 0.00	34.96 2.97 0.00	36.87 3.10 0.00	34.45 2.94 0.00	34.08 2.89 0.00	31.60 2.51 0.00	29.60 2.28 0.00
HUDSON AVE_GT_4 23540	34.38 1.79 0.00	29.06 1.54 0.00	29.76 1.45 0.00	27.15 1.36 0.00	24.58 1.30 0.00	25.05 1.39 0.00	31.79 1.79 0.00	27.45 1.67 0.00	11.70 0.75 0.00	6.30 0.45 0.00	6.80 0.49 0.00	4.90 0.36 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	7.45 0.62 0.00	18.76 1.55 0.00	29.28 2.44 0.00	29.13 2.44 0.00	34.96 2.97 0.00	36.87 3.10 0.00	34.45 2.94 0.00	34.08 2.89 0.00	31.60 2.51 0.00	29.60 2.28 0.00
HUDSON AVE_GT_5 23657	34.38 1.79 0.00	29.06 1.54 0.00	29.76 1.45 0.00	27.15 1.36 0.00	24.58 1.30 0.00	25.05 1.39 0.00	31.79 1.79 0.00	27.45 1.67 0.00	11.70 0.75 0.00	6.30 0.45 0.00	6.80 0.49 0.00	4.90 0.36 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	7.45 0.62 0.00	18.76 1.55 0.00	29.28 2.44 0.00	29.13 2.44 0.00	34.96 2.97 0.00	36.87 3.10 0.00	34.45 2.94 0.00	34.08 2.89 0.00	31.60 2.51 0.00	29.60 2.28 0.00
HUDSON_AVE_10 24168	34.20 1.63 0.01	28.93 1.41 0.00	29.62 1.32 0.00	27.03 1.24 0.00	24.48 1.19 0.00	24.93 1.28 0.00	31.64 1.64 0.00	27.33 1.54 0.00	11.65 0.70 0.00	6.27 0.41 0.00	6.77 0.45 0.00	4.87 0.33 0.00	-1.59 -0.12 0.00	-4.71 -0.34 0.02	7.40 0.58 0.01	18.66 1.45 0.00	29.15 2.31 0.00	29.00 2.32 0.00	34.77 2.80 0.02	36.67 2.91 0.02	34.26 2.75 0.01	33.88 2.70 0.01	31.43 2.34 0.01	29.45 2.13 0.00
HUDSON___115KV_TB 4 355613	33.90 1.32 0.00	28.62 1.10 0.00	29.40 1.09 0.00	26.77 0.99 0.00	24.21 0.92 0.00	24.60 0.95 0.00	31.03 1.02 0.00	26.53 0.74 0.00	11.19 0.25 0.00	5.94 0.09 0.00	6.40 0.08 0.00	4.58 0.03 0.00	-1.49 -0.02 0.00	-4.41 -0.05 0.00	6.94 0.10 0.00	17.49 0.28 0.00	27.38 0.54 0.00	27.36 0.68 0.00	33.04 1.06 0.00	35.18 1.40 0.00	32.96 1.44 0.00	32.64 1.45 0.00	30.48 1.39 0.00	28.73 1.41 0.00
HUNTER MOUNT___DRP 323613	33.98 1.40 0.00	28.68 1.16 0.00	29.46 1.15 0.00	26.83 1.05 0.00	24.25 0.97 0.00	24.66 1.00 0.00	31.11 1.10 0.00	26.60 0.82 0.00	11.21 0.27 0.00	5.95 0.09 0.00	6.40 0.08 0.00	4.58 0.03 0.00	-1.49 -0.02 0.00	-4.41 -0.05 0.00	6.94 0.10 0.00	17.50 0.29 0.00	27.41 0.58 0.00	27.43 0.74 0.00	33.17 1.19 0.00	35.31 1.54 0.00	33.08 1.56 0.00	32.75 1.57 0.00	30.57 1.48 0.00	28.79 1.47 0.00
HUNTINGTON_RES_REC 323705	-181.58 2.20 216.36	-15.75 1.87 45.15	4.81 1.77 25.27	0.35 1.66 27.09	-1.65 1.56 26.49	25.41 1.75 0.00	32.36 2.35 -0.01	27.79 2.01 0.00	11.81 0.86 0.00	6.34 0.48 0.00	6.82 0.51 0.00	4.92 0.37 0.00	-1.60 -0.13 0.00	-4.72 -0.37 0.00	12.61 0.64 -5.14	26.53 1.61 -7.71	41.18 2.49 -11.85	48.46 2.42 -19.36	51.82 2.91 -16.93	36.58 2.81 0.00	34.25 2.73 0.00	34.92 2.75 -0.98	37.03 2.53 -5.41	36.89 2.40 -7.18
HUNTLEY___63 23557	30.14 -2.44 0.01	15.42 -2.27 9.83	13.84 -2.50 11.97	11.91 -2.33 11.54	10.11 -2.02 11.14	10.51 -1.95 11.20	15.43 -2.30 12.27	13.36 -1.65 10.78	7.13 -0.59 3.23	5.69 -0.16 0.00	6.28 -0.03 0.00	4.67 0.13 0.00	-1.50 -0.03 0.00	-4.43 -0.08 0.00	6.71 -0.12 0.00	15.22 -0.35 1.64	25.78 -1.05 0.00	25.19 -1.49 0.00	18.69 -1.78 11.50	18.79 -2.06 12.92	17.21 -1.76 12.55	19.06 -1.64 10.49	25.93 -1.62 1.54	26.11 -1.21 0.00
HUNTLEY___64 23558	30.14 -2.44 0.01	15.42 -2.27 9.83	13.84 -2.50 11.97	11.91 -2.33 11.54	10.11 -2.02 11.14	10.51 -1.95 11.20	15.43 -2.30 12.27	13.36 -1.65 10.78	7.13 -0.59 3.23	5.69 -0.16 0.00	6.28 -0.03 0.00	4.67 0.13 0.00	-1.50 -0.03 0.00	-4.43 -0.08 0.00	6.71 -0.12 0.00	15.22 -0.35 1.64	25.78 -1.05 0.00	25.19 -1.49 0.00	18.69 -1.78 11.50	18.79 -2.06 12.92	17.21 -1.76 12.55	19.06 -1.64 10.49	25.93 -1.62 1.54	26.11 -1.21 0.00
HUNTLEY___65 23559	30.14 -2.44 0.01	15.42 -2.27 9.83	13.84 -2.50 11.97	11.91 -2.33 11.54	10.11 -2.02 11.14	10.51 -1.95 11.20	15.43 -2.30 12.27	13.36 -1.65 10.78	7.13 -0.59 3.23	5.69 -0.16 0.00	6.28 -0.03 0.00	4.67 0.13 0.00	-1.50 -0.03 0.00	-4.43 -0.08 0.00	6.71 -0.12 0.00	15.22 -0.35 1.64	25.78 -1.05 0.00	25.19 -1.49 0.00	18.69 -1.78 11.50	18.79 -2.06 12.92	17.21 -1.76 12.55	19.06 -1.64 10.49	25.93 -1.62 1.54	26.11 -1.21 0.00
HUNTLEY___66 23560	30.14 -2.44 0.01	15.42 -2.27 9.83	13.84 -2.50 11.97	11.91 -2.33 11.54	10.11 -2.02 11.14	10.51 -1.95 11.20	15.43 -2.30 12.27	13.36 -1.65 10.78	7.13 -0.59 3.23	5.69 -0.16 0.00	6.28 -0.03 0.00	4.67 0.13 0.00	-1.50 -0.03 0.00	-4.43 -0.08 0.00	6.71 -0.12 0.00	15.22 -0.35 1.64	25.78 -1.05 0.00	25.19 -1.49 0.00	18.69 -1.78 11.50	18.79 -2.06 12.92	17.21 -1.76 12.55	19.06 -1.64 10.49	25.93 -1.62 1.54	26.11 -1.21 0.00
HUNTLEY___67 23561	29.62 -2.96 0.01	13.76 -2.74 11.03	11.91 -2.98 13.43	10.07 -2.76 12.95	8.38 -2.40 12.50	8.75 -2.34 12.56	13.44 -2.81 13.76	11.63 -2.07 12.09	6.58 -0.75 3.62	5.62 -0.23 0.00	6.21 -0.11 0.00	4.61 0.07 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.61 -0.22 0.00	14.74 -0.62 1.84	25.38 -1.45 0.00	24.81 -1.88 0.00	16.74 -2.33 12.91	16.68 -2.60 14.49	15.15 -2.29 14.08	17.24 -2.18 11.77	25.30 -2.06 1.73	25.73 -1.59 0.00

HUNTLEY___68 23562	29.62 -2.96 0.01	13.76 -2.74 11.03	11.91 -2.98 13.43	10.07 -2.76 12.95	8.38 -2.40 12.50	8.75 -2.34 12.56	13.44 -2.81 13.76	11.63 -2.07 12.09	6.58 -0.75 3.62	5.62 -0.23 0.00	6.21 -0.11 0.00	4.61 0.07 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.61 -0.22 0.00	14.74 -0.62 1.84	25.38 -1.45 0.00	24.81 -1.88 0.00	16.74 -2.33 12.91	16.68 -2.60 14.49	15.15 -2.29 14.08	17.24 -2.18 11.77	25.30 -2.06 1.73	25.73 -1.59 0.00
HYLAND___LFGE 323620	32.46 -0.15 -0.02	60.76 -0.27 -33.50	68.70 -0.38 -40.78	64.70 -0.44 -39.34	60.88 -0.37 -37.97	61.48 -0.34 -38.16	71.58 -0.23 -41.80	62.26 -0.26 -36.73	21.60 -0.35 -11.00	5.74 -0.12 0.00	6.25 -0.07 0.00	4.59 0.05 0.00	-1.46 0.01 0.00	-4.35 0.00 0.00	6.68 -0.16 0.00	22.63 -0.18 -5.60	27.07 0.24 0.00	26.85 0.17 0.00	71.62 0.36 -39.28	77.98 0.11 -44.10	74.66 0.30 -42.84	67.43 0.43 -35.81	34.53 0.18 -5.26	27.62 0.31 0.00
INDECK___CORINTH 23802	34.15 1.56 0.00	28.87 1.35 0.00	29.67 1.36 0.00	26.97 1.18 0.00	24.40 1.12 0.00	24.82 1.17 0.00	31.48 1.48 0.00	26.91 1.12 0.00	11.33 0.38 0.00	5.98 0.13 0.00	6.44 0.12 0.00	4.61 0.06 0.00	-1.49 -0.02 0.00	-4.44 -0.08 0.00	7.01 0.17 0.00	17.67 0.46 0.00	27.65 0.81 0.00	27.78 1.09 0.00	33.88 1.90 0.00	36.04 2.26 0.00	33.73 2.22 0.00	33.32 2.13 0.00	30.91 1.82 0.00	29.00 1.68 0.00
INDECK___ILION 23567	34.22 1.64 0.00	28.87 1.35 0.00	29.68 1.37 0.00	26.97 1.18 0.00	24.40 1.11 0.00	24.81 1.15 0.00	31.19 1.19 0.00	26.31 0.52 0.00	10.94 -0.01 0.00	5.71 -0.14 0.00	6.09 -0.23 0.00	4.36 -0.18 0.00	-1.41 0.06 0.00	-4.18 0.17 0.00	6.63 -0.20 0.00	16.73 -0.47 0.00	26.17 -0.67 0.00	26.64 -0.05 0.00	33.34 1.36 0.00	35.85 2.07 0.00	33.61 2.09 0.00	34.34 2.15 -1.01	33.11 2.12 -1.91	29.42 1.83 -0.27
INDECK___OLEAN 23982	30.17 -2.41 0.00	22.10 -2.02 3.41	21.99 -2.17 4.15	19.77 -2.02 4.00	17.67 -1.76 3.86	18.12 -1.65 3.88	23.91 -1.84 4.25	20.80 -1.25 3.74	9.35 -0.48 1.12	5.75 -0.11 0.00	6.30 -0.01 0.00	4.65 0.11 0.00	-1.48 -0.01 0.00	-4.40 -0.05 0.00	6.75 -0.09 0.00	16.31 -0.33 0.57	25.77 -1.07 0.00	25.24 -1.45 0.00	26.51 -1.48 3.99	27.62 -1.67 4.49	25.69 -1.47 4.36	26.02 -1.52 3.64	26.89 -1.67 0.53	26.06 -1.26 0.00
INDECK___OSWEGO 23783	31.72 -0.87 0.00	26.77 -0.76 0.00	27.54 -0.76 0.00	25.09 -0.70 0.00	22.60 -0.68 0.00	22.96 -0.70 0.00	29.14 -0.86 0.00	25.03 -0.75 0.00	10.60 -0.34 0.00	5.68 -0.18 0.00	6.13 -0.18 0.00	4.42 -0.12 0.00	-1.43 0.04 0.00	-4.23 0.12 0.00	6.63 -0.20 0.00	16.72 -0.49 0.00	26.10 -0.73 0.00	25.92 -0.76 0.00	30.98 -1.00 0.00	32.69 -1.08 0.00	30.53 -0.98 0.00	29.26 -0.96 0.96	26.34 -0.92 1.83	26.26 -0.80 0.26
INDECK___YERKES 23781	30.16 -2.41 0.01	15.47 -2.22 9.83	13.89 -2.46 11.97	11.95 -2.29 11.54	10.15 -1.99 11.14	10.55 -1.91 11.20	15.50 -2.24 12.27	13.40 -1.61 10.78	7.14 -0.58 3.23	5.70 -0.16 0.00	6.29 -0.03 0.00	4.68 0.14 0.00	-1.50 -0.03 0.00	-4.44 -0.08 0.00	6.72 -0.11 0.00	15.23 -0.33 1.64	25.80 -1.04 0.00	25.21 -1.47 0.00	18.80 -1.68 11.50	18.86 -2.00 12.92	17.27 -1.69 12.55	19.12 -1.58 10.49	25.95 -1.60 1.54	26.13 -1.18 0.00
INDIAN POINT_GT_1 24139	34.12 1.54 0.00	28.80 1.28 0.00	29.51 1.20 0.00	26.92 1.14 0.00	24.37 1.09 0.00	24.84 1.19 0.00	31.52 1.52 0.00	27.18 1.40 0.00	11.57 0.63 0.00	6.22 0.37 0.00	6.71 0.40 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.65 -0.29 0.00	7.34 0.51 0.00	18.49 1.28 0.00	28.87 2.03 0.00	28.72 2.03 0.00	34.52 2.54 0.00	36.44 2.66 0.00	34.07 2.55 0.00	33.73 2.54 0.00	31.28 2.19 0.00	29.31 1.99 0.00
INDIAN POINT_GT_2 23659	34.12 1.54 0.00	28.80 1.28 0.00	29.51 1.20 0.00	26.92 1.14 0.00	24.37 1.09 0.00	24.84 1.19 0.00	31.52 1.52 0.00	27.18 1.40 0.00	11.57 0.63 0.00	6.22 0.37 0.00	6.71 0.40 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.65 -0.29 0.00	7.34 0.51 0.00	18.49 1.28 0.00	28.87 2.03 0.00	28.72 2.03 0.00	34.52 2.54 0.00	36.44 2.66 0.00	34.07 2.55 0.00	33.73 2.54 0.00	31.28 2.19 0.00	29.31 1.99 0.00
INDIAN POINT_GT_3 24019	34.12 1.54 0.00	28.80 1.28 0.00	29.51 1.20 0.00	26.92 1.14 0.00	24.37 1.09 0.00	24.84 1.19 0.00	31.52 1.52 0.00	27.18 1.40 0.00	11.57 0.63 0.00	6.22 0.37 0.00	6.71 0.40 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.65 -0.29 0.00	7.34 0.51 0.00	18.49 1.28 0.00	28.87 2.03 0.00	28.72 2.03 0.00	34.52 2.54 0.00	36.44 2.66 0.00	34.07 2.55 0.00	33.73 2.54 0.00	31.28 2.19 0.00	29.31 1.99 0.00
INDIAN POINT___2 23530	34.10 1.51 0.00	28.77 1.25 0.00	29.48 1.17 0.00	26.89 1.11 0.00	24.35 1.07 0.00	24.82 1.16 0.00	31.49 1.49 0.00	27.16 1.37 0.00	11.57 0.62 0.00	6.21 0.36 0.00	6.71 0.39 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.65 -0.29 0.00	7.34 0.51 0.00	18.48 1.27 0.00	28.86 2.02 0.00	28.70 2.01 0.00	34.49 2.51 0.00	36.41 2.63 0.00	34.05 2.53 0.00	33.70 2.51 0.00	31.26 2.17 0.00	29.28 1.97 0.00
INDIAN POINT___3 23531	34.11 1.53 0.00	28.80 1.27 0.00	29.50 1.20 0.00	26.91 1.12 0.00	24.36 1.08 0.00	24.83 1.18 0.00	31.51 1.50 0.00	27.16 1.38 0.00	11.57 0.62 0.00	6.21 0.36 0.00	6.71 0.39 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.64 -0.29 0.00	7.34 0.50 0.00	18.47 1.26 0.00	28.84 2.00 0.00	28.69 2.00 0.00	34.49 2.51 0.00	36.40 2.63 0.00	34.04 2.52 0.00	33.70 2.52 0.00	31.26 2.16 0.00	29.29 1.97 0.00
INDIANHD_69_KV_BK1 55831	743.02 2.31 -708.12	166.20 1.96 -136.72	106.67 1.87 -76.49	109.55 1.74 -82.03	105.11 1.63 -80.20	25.49 1.83 0.00	32.48 2.46 -0.01	27.89 2.10 0.00	11.84 0.90 0.00	6.35 0.50 0.00	6.84 0.53 0.00	4.93 0.39 0.00	-1.60 -0.13 0.00	-4.74 -0.38 0.00	12.62 0.66 -5.13	26.57 1.66 -7.71	41.26 2.58 -11.84	48.54 2.52 -19.34	51.94 3.05 -16.91	36.71 2.94 0.00	34.37 2.85 0.00	35.03 2.87 -0.98	37.13 2.63 -5.41	36.97 2.48 -7.17
INGHAM_C_115KV_TB7 356103	34.22 1.64 0.00	28.87 1.35 0.00	29.68 1.37 0.00	26.97 1.18 0.00	24.40 1.11 0.00	24.81 1.15 0.00	31.19 1.19 0.00	26.31 0.52 0.00	10.94 -0.01 0.00	5.71 -0.14 0.00	6.09 -0.23 0.00	4.36 -0.18 0.00	-1.41 0.06 0.00	-4.18 0.17 0.00	6.63 -0.20 0.00	16.73 -0.47 0.00	26.17 -0.67 0.00	26.64 -0.05 0.00	33.34 1.36 0.00	35.85 2.07 0.00	33.61 2.09 0.00	34.34 2.15 -1.01	33.11 2.12 -1.91	29.42 1.83 -0.27
IP CORINTH___1 23988	34.15 1.56 0.00	28.87 1.35 0.00	29.67 1.36 0.00	26.97 1.18 0.00	24.40 1.12 0.00	24.82 1.17 0.00	31.48 1.48 0.00	26.91 1.12 0.00	11.33 0.38 0.00	5.98 0.13 0.00	6.44 0.12 0.00	4.61 0.06 0.00	-1.50 -0.02 0.00	-4.44 -0.08 0.00	7.01 0.17 0.00	17.67 0.46 0.00	27.65 0.81 0.00	27.78 1.09 0.00	33.88 1.90 0.00	36.04 2.26 0.00	33.73 2.21 0.00	33.32 2.13 0.00	30.91 1.82 0.00	29.00 1.68 0.00

IP__TICONDEROGA 23804	35.09 2.51 0.00	29.71 2.19 0.00	30.55 2.24 0.00	27.61 1.82 0.00	25.06 1.78 0.00	25.50 1.84 0.00	32.53 2.52 0.00	27.69 1.91 0.00	11.58 0.63 0.00	6.05 0.20 0.00	6.51 0.20 0.00	4.64 0.10 0.00	-1.49 -0.01 0.00	-4.50 -0.14 0.00	7.13 0.29 0.00	18.01 0.80 0.00	28.19 1.36 0.00	28.52 1.84 0.00	35.16 3.18 0.00	37.62 3.84 0.00	35.28 3.76 0.00	34.75 3.57 0.00	31.95 2.85 0.00	29.63 2.32 0.00
ISLIP_RES_REC 323679	352.61 2.67 -317.36	89.60 2.23 -59.84	63.95 2.16 -33.48	63.69 2.00 -35.90	60.25 1.87 -35.10	25.71 2.05 0.00	32.78 2.76 -0.01	28.14 2.35 0.00	11.94 0.99 0.00	6.40 0.54 0.00	6.88 0.57 0.00	4.96 0.42 0.00	-1.61 -0.14 0.00	-4.77 -0.41 0.00	12.68 0.70 -5.15	26.71 1.77 -7.73	41.48 2.76 -11.88	48.83 2.74 -19.40	52.30 3.35 -16.97	36.99 3.22 0.00	34.64 3.12 0.00	35.28 3.11 -0.98	37.33 2.81 -5.43	37.13 2.62 -7.19
JAMAICA__27_KV_LOAD 355505	34.31 1.74 0.01	29.04 1.52 0.00	29.73 1.43 0.00	27.12 1.34 0.00	24.56 1.27 0.00	25.02 1.37 0.00	31.75 1.75 0.00	27.44 1.65 0.00	11.70 0.75 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.88 0.34 0.00	-1.60 -0.12 0.00	-4.72 -0.36 0.02	7.42 0.59 0.01	18.70 1.50 0.00	29.23 2.40 0.00	29.11 2.42 0.00	34.84 2.86 0.02	36.75 2.99 0.02	34.35 2.85 0.01	34.01 2.83 0.01	31.53 2.45 0.01	29.56 2.24 0.00
JANIS__SOLAR 323808	33.49 0.90 0.00	30.27 0.71 -2.03	31.47 0.68 -2.48	28.73 0.55 -2.39	25.98 0.39 -2.31	26.35 0.37 -2.32	33.15 0.60 -2.54	28.24 0.22 -2.23	11.55 -0.07 -0.67	5.79 -0.07 0.00	6.22 -0.09 0.00	4.48 -0.06 0.00	-1.46 0.01 0.00	-4.32 0.03 0.00	6.69 -0.14 0.00	17.12 -0.42 -0.34	26.37 -0.47 0.00	26.78 0.10 0.00	35.08 0.71 -2.39	37.63 1.18 -2.67	35.25 1.14 -2.60	34.35 0.99 -2.17	30.08 0.67 -0.32	27.91 0.59 0.00
JARVIS____ 23743	32.71 0.13 0.00	27.61 0.09 0.00	28.39 0.09 0.00	25.87 0.08 0.00	23.35 0.07 0.00	23.74 0.08 0.00	30.09 0.09 0.00	25.84 0.06 0.00	10.96 0.01 0.00	5.86 0.00 0.00	6.32 0.00 0.00	4.54 0.00 0.00	-1.47 0.00 0.00	-4.35 0.00 0.00	6.84 0.00 0.00	17.22 0.01 0.00	26.86 0.03 0.00	26.74 0.06 0.00	32.11 0.12 0.00	33.91 0.14 0.00	31.67 0.16 0.00	32.36 0.16 -1.01	31.16 0.17 -1.91	27.75 0.17 -0.27
JENNISON__1 23625	33.73 1.15 0.00	28.45 0.93 0.00	29.16 0.85 0.00	26.47 0.68 0.00	23.81 0.52 0.00	24.15 0.50 0.00	30.77 0.76 0.00	26.26 0.47 0.00	11.07 0.13 0.00	5.93 0.07 0.00	6.37 0.06 0.00	4.58 0.04 0.00	-1.52 -0.04 0.00	-4.45 -0.10 0.00	6.86 0.03 0.00	17.17 -0.04 0.00	26.91 0.08 0.00	26.91 0.22 0.00	32.76 0.78 0.00	35.01 1.24 0.00	32.63 1.11 0.00	32.28 1.10 0.00	29.89 0.80 0.00	28.04 0.72 0.00
JENNISON__2 23626	33.73 1.15 0.00	28.45 0.93 0.00	29.16 0.85 0.00	26.47 0.68 0.00	23.81 0.52 0.00	24.15 0.50 0.00	30.77 0.76 0.00	26.26 0.47 0.00	11.07 0.13 0.00	5.93 0.07 0.00	6.37 0.06 0.00	4.58 0.04 0.00	-1.52 -0.04 0.00	-4.45 -0.10 0.00	6.86 0.03 0.00	17.17 -0.04 0.00	26.91 0.08 0.00	26.91 0.22 0.00	32.76 0.78 0.00	35.01 1.24 0.00	32.63 1.11 0.00	32.28 1.10 0.00	29.89 0.80 0.00	28.04 0.72 0.00
JERICHO_RISE_WT_PWR 323719	32.08 -0.51 0.00	27.11 -0.42 0.00	27.91 -0.40 0.00	25.48 -0.31 0.00	22.99 -0.29 0.00	23.34 -0.31 0.00	29.66 -0.34 0.00	25.55 -0.24 0.00	10.86 -0.09 0.00	5.81 -0.05 0.00	6.24 -0.07 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.79 -0.04 0.00	17.09 -0.12 0.00	26.53 -0.30 0.00	26.39 -0.29 0.00	31.47 -0.52 0.00	33.13 -0.64 0.00	30.55 -0.96 0.00	28.45 -1.27 1.46	24.88 -1.31 2.91	25.73 -1.18 0.41
KATONAH__115KV_46KV_TB4 355592	34.25 1.67 0.00	28.93 1.41 0.00	29.64 1.34 0.00	27.03 1.24 0.00	24.47 1.19 0.00	24.94 1.28 0.00	31.65 1.65 0.00	27.29 1.50 0.00	11.62 0.67 0.00	6.24 0.39 0.00	6.73 0.42 0.00	4.84 0.30 0.00	-1.58 -0.10 0.00	-4.66 -0.31 0.00	7.36 0.53 0.00	18.54 1.33 0.00	28.97 2.13 0.00	28.82 2.13 0.00	34.66 2.67 0.00	36.57 2.80 0.00	34.19 2.67 0.00	33.84 2.65 0.00	31.39 2.30 0.00	29.41 2.10 0.00
KCE_NY_1 323755	34.05 1.46 0.00	28.77 1.25 0.00	29.56 1.25 0.00	26.88 1.09 0.00	24.31 1.03 0.00	24.73 1.07 0.00	31.32 1.31 0.00	26.80 1.02 0.00	11.31 0.36 0.00	5.98 0.13 0.00	6.44 0.13 0.00	4.61 0.07 0.00	-1.50 -0.03 0.00	-4.43 -0.08 0.00	6.99 0.16 0.00	17.65 0.44 0.00	27.65 0.81 0.00	27.69 1.01 0.00	33.63 1.64 0.00	35.66 1.89 0.00	33.36 1.85 0.00	33.01 1.82 0.00	30.70 1.61 0.00	28.84 1.52 0.00
KCE_NY_6_ESR 323823	29.88 -2.69 0.01	13.68 -2.48 11.36	11.76 -2.72 13.82	9.91 -2.54 13.34	8.18 -2.23 12.87	8.58 -2.14 12.94	13.33 -2.51 14.17	11.50 -1.83 12.45	6.54 -0.68 3.73	5.66 -0.20 0.00	6.24 -0.07 0.00	4.64 0.10 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.65 -0.18 0.00	14.81 -0.51 1.89	25.63 -1.21 0.00	25.05 -1.64 0.00	16.76 -1.93 13.29	16.60 -2.24 14.93	15.05 -1.97 14.50	17.21 -1.86 12.12	25.47 -1.84 1.78	25.94 -1.38 0.00
KEDC_PORT_JEFF_GT2 24210	424.50 2.40 -389.52	103.58 2.00 -74.05	71.64 1.91 -41.43	71.99 1.77 -44.43	68.40 1.68 -43.44	25.56 1.91 0.00	32.63 2.61 -0.01	28.01 2.23 0.00	11.89 0.94 0.00	6.37 0.52 0.00	6.86 0.54 0.00	4.94 0.40 0.00	-1.61 -0.14 0.00	-4.75 -0.40 0.00	12.61 0.67 -5.11	26.58 1.71 -7.67	41.28 2.65 -11.79	48.54 2.61 -19.25	51.95 3.14 -16.83	36.74 2.97 0.00	34.41 2.89 0.00	35.06 2.91 -0.97	37.13 2.66 -5.38	36.95 2.49 -7.14
KEDC_PORT_JEFF_GT3 24211	424.50 2.40 -389.52	103.58 2.00 -74.05	71.64 1.91 -41.43	71.99 1.77 -44.43	68.40 1.68 -43.44	25.56 1.91 0.00	32.63 2.61 -0.01	28.01 2.23 0.00	11.89 0.94 0.00	6.37 0.52 0.00	6.86 0.54 0.00	4.94 0.40 0.00	-1.61 -0.14 0.00	-4.75 -0.40 0.00	12.61 0.67 -5.11	26.58 1.71 -7.67	41.28 2.65 -11.79	48.54 2.61 -19.25	51.95 3.14 -16.83	36.74 2.97 0.00	34.41 2.89 0.00	35.06 2.91 -0.97	37.13 2.66 -5.38	36.95 2.49 -7.14
KEDC_GLWD_GT4 24219	55.27 2.00 -20.69	29.22 1.69 -0.01	29.91 1.60 0.00	27.29 1.50 0.00	24.70 1.42 0.00	25.20 1.54 0.00	32.01 1.98 -0.02	27.56 1.77 0.00	11.74 0.79 0.00	6.32 0.47 0.00	6.82 0.51 0.00	4.91 0.37 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	15.52 0.63 -8.06	30.88 1.57 -12.10	47.90 2.47 -18.59	59.49 2.44 -30.36	61.53 3.00 -26.55	36.87 3.10 0.00	34.48 2.96 0.00	35.67 2.95 -1.53	40.18 2.59 -8.49	40.98 2.38 -11.28
KEDC_GLWD_GT5 24220	55.27 2.00 -20.69	29.22 1.69 -0.01	29.91 1.60 0.00	27.29 1.50 0.00	24.70 1.42 0.00	25.20 1.54 0.00	32.01 1.98 -0.02	27.56 1.77 0.00	11.74 0.79 0.00	6.32 0.47 0.00	6.82 0.51 0.00	4.91 0.37 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	15.52 0.63 -8.06	30.88 1.57 -12.10	47.90 2.47 -18.59	59.49 2.44 -30.36	61.53 3.00 -26.55	36.87 3.10 0.00	34.48 2.96 0.00	35.67 2.95 -1.53	40.18 2.59 -8.49	40.98 2.38 -11.28

KENSICO____ 23655	34.22 1.64 0.00	28.90 1.38 0.00	29.60 1.30 0.00	27.00 1.22 0.00	24.45 1.17 0.00	24.92 1.27 0.00	31.62 1.62 0.00	27.26 1.48 0.00	11.61 0.66 0.00	6.24 0.39 0.00	6.73 0.42 0.00	4.84 0.30 0.00	-1.58 -0.11 0.00	-4.66 -0.31 0.00	7.36 0.53 0.00	18.55 1.34 0.00	28.96 2.13 0.00	28.81 2.13 0.00	34.63 2.65 0.00	36.54 2.77 0.00	34.17 2.65 0.00	33.82 2.63 0.00	31.37 2.28 0.00	29.40 2.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.35 1.77 0.00	28.97 1.45 0.00	29.69 1.38 0.00	27.07 1.28 0.00	24.51 1.22 0.00	24.98 1.33 0.00	31.72 1.71 0.00	27.31 1.53 0.00	11.60 0.66 0.00	6.20 0.35 0.00	6.67 0.35 0.00	4.78 0.24 0.00	-1.55 -0.07 0.00	-4.57 -0.22 0.00	7.23 0.39 0.00	18.20 1.00 0.00	28.51 1.67 0.00	28.47 1.78 0.00	34.40 2.42 0.00	36.44 2.66 0.00	34.32 2.81 0.00	33.99 2.80 0.00	31.49 2.40 0.00	29.47 2.15 0.00
KIAC_JFK_GT1 23816	34.14 1.56 0.01	28.89 1.37 0.00	29.58 1.28 0.00	26.99 1.20 0.00	24.44 1.15 0.00	24.89 1.24 0.00	31.58 1.57 0.00	27.29 1.51 0.00	11.63 0.69 0.00	6.25 0.40 0.00	6.75 0.44 0.00	4.85 0.32 0.00	-1.59 -0.12 0.00	-4.70 -0.33 0.02	7.38 0.56 0.01	18.61 1.41 0.00	29.08 2.25 0.00	28.95 2.27 0.00	34.64 2.67 0.02	36.54 2.78 0.02	34.14 2.63 0.01	33.78 2.60 0.01	31.33 2.24 0.01	29.36 2.04 0.00
KIAC_JFK_GT2 23817	34.14 1.56 0.01	28.89 1.37 0.00	29.58 1.28 0.00	26.99 1.20 0.00	24.44 1.15 0.00	24.89 1.24 0.00	31.58 1.57 0.00	27.29 1.51 0.00	11.63 0.69 0.00	6.25 0.40 0.00	6.75 0.44 0.00	4.85 0.32 0.00	-1.59 -0.12 0.00	-4.70 -0.33 0.02	7.38 0.56 0.01	18.61 1.41 0.00	29.08 2.25 0.00	28.95 2.27 0.00	34.64 2.67 0.02	36.54 2.78 0.02	34.14 2.63 0.01	33.78 2.60 0.01	31.33 2.24 0.01	29.36 2.04 0.00
KIAC_JFK____ 323774	34.14 1.56 0.01	28.88 1.36 0.00	29.58 1.27 0.00	26.98 1.20 0.00	24.43 1.15 0.00	24.89 1.23 0.00	31.57 1.57 0.00	27.28 1.50 0.00	11.63 0.68 0.00	6.25 0.40 0.00	6.75 0.44 0.00	4.85 0.32 0.00	-1.59 -0.12 0.00	-4.70 -0.33 0.02	7.38 0.56 0.01	18.61 1.41 0.00	29.09 2.25 0.00	28.95 2.27 0.00	34.65 2.68 0.02	36.54 2.78 0.02	34.14 2.63 0.01	33.77 2.60 0.01	31.32 2.24 0.01	29.36 2.04 0.00
KINTIGH_24_KV_GSU 356498	30.02 -2.56 0.00	18.88 -2.36 6.29	18.10 -2.56 7.65	16.03 -2.38 7.38	14.09 -2.07 7.13	14.48 -2.01 7.16	19.75 -2.41 7.84	17.11 -1.78 6.89	8.24 -0.65 2.06	5.65 -0.20 0.00	6.22 -0.10 0.00	4.60 0.06 0.00	-1.48 0.00 0.00	-4.37 -0.01 0.00	6.65 -0.18 0.00	15.64 -0.52 1.05	25.59 -1.24 0.00	25.07 -1.61 0.00	22.66 -1.98 7.35	23.30 -2.23 8.25	21.54 -1.96 8.02	22.61 -1.88 6.70	26.31 -1.79 0.98	25.95 -1.37 0.00
KINTIGH____ 23543	30.00 -2.58 0.00	18.84 -2.40 6.29	18.06 -2.60 7.65	16.00 -2.41 7.38	14.06 -2.09 7.13	14.45 -2.04 7.16	19.70 -2.46 7.84	17.07 -1.83 6.89	8.23 -0.66 2.06	5.65 -0.21 0.00	6.21 -0.10 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.36 -0.01 0.00	6.65 -0.19 0.00	15.63 -0.53 1.05	25.58 -1.26 0.00	25.06 -1.62 0.00	22.58 -2.06 7.35	23.25 -2.28 8.25	21.49 -2.01 8.02	22.57 -1.91 6.70	26.31 -1.80 0.98	25.94 -1.38 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.41 -0.17 0.00	27.36 -0.16 0.00	28.13 -0.17 0.00	25.69 -0.10 0.00	23.19 -0.10 0.00	23.56 -0.09 0.00	29.97 -0.03 0.00	25.81 0.02 0.00	10.93 -0.02 0.00	5.84 -0.01 0.00	6.28 -0.03 0.00	4.52 -0.01 0.00	-1.46 0.01 0.00	-4.34 0.02 0.00	6.83 0.00 0.00	17.22 0.01 0.00	26.77 -0.07 0.00	26.66 -0.03 0.00	31.86 -0.13 0.00	33.50 -0.28 0.00	30.73 -0.79 0.00	28.70 -1.29 1.20	25.53 -1.16 2.41	26.04 -0.94 0.34
LACHUTE____HYDRO 323717	35.08 2.50 0.00	29.71 2.18 0.00	30.55 2.24 0.00	27.61 1.82 0.00	25.06 1.78 0.00	25.49 1.84 0.00	32.53 2.52 0.00	27.69 1.91 0.00	11.58 0.63 0.00	6.05 0.20 0.00	6.51 0.20 0.00	4.64 0.10 0.00	-1.48 -0.01 0.00	-4.50 -0.14 0.00	7.13 0.29 0.00	18.01 0.80 0.00	28.19 1.36 0.00	28.52 1.84 0.00	35.16 3.18 0.00	37.62 3.84 0.00	35.28 3.76 0.00	34.75 3.56 0.00	31.95 2.85 0.00	29.63 2.32 0.00
LAWRNCV_115KV_TB1 80681	31.89 -0.69 0.00	27.00 -0.53 0.00	27.85 -0.46 0.00	25.42 -0.37 0.00	22.97 -0.32 0.00	23.34 -0.32 0.00	29.65 -0.36 0.00	25.43 -0.35 0.00	10.78 -0.17 0.00	5.76 -0.10 0.00	6.19 -0.13 0.00	4.44 -0.10 0.00	-1.44 0.03 0.00	-4.25 0.11 0.00	6.62 -0.21 0.00	16.78 -0.43 0.00	26.14 -0.69 0.00	26.04 -0.65 0.00	31.04 -0.94 0.00	32.79 -0.98 0.00	30.43 -1.08 0.00	25.81 -1.24 4.14	19.74 -1.38 7.97	24.92 -1.27 1.12
LEDERLE____ 23769	34.26 1.68 0.00	28.90 1.38 0.00	29.60 1.29 0.00	27.00 1.21 0.00	24.45 1.16 0.00	24.93 1.27 0.00	31.63 1.63 0.00	27.28 1.50 0.00	11.62 0.67 0.00	6.24 0.39 0.00	6.74 0.42 0.00	4.84 0.30 0.00	-1.58 -0.11 0.00	-4.67 -0.32 0.00	7.38 0.55 0.00	18.59 1.38 0.00	29.03 2.19 0.00	28.87 2.19 0.00	34.72 2.74 0.00	36.64 2.87 0.00	34.26 2.75 0.00	33.92 2.73 0.00	31.44 2.35 0.00	29.44 2.12 0.00
LIGHTHSE_115KV_TB6 355974	31.55 -1.03 0.00	26.61 -0.91 0.00	27.45 -0.86 0.00	25.06 -0.73 0.00	22.57 -0.71 0.00	22.90 -0.75 0.00	29.09 -0.91 0.00	24.97 -0.82 0.00	10.55 -0.40 0.00	5.64 -0.22 0.00	6.09 -0.23 0.00	4.38 -0.16 0.00	-1.42 0.05 0.00	-4.18 0.17 0.00	6.57 -0.26 0.00	16.64 -0.57 0.00	26.15 -0.69 0.00	25.99 -0.69 0.00	30.96 -1.02 0.00	32.70 -1.08 0.00	30.51 -1.00 0.00	27.17 -1.06 2.96	22.48 -1.00 5.61	25.63 -0.90 0.79
LINDEN COGEN____ 23786	34.21 1.63 0.00	28.90 1.37 0.00	29.59 1.29 0.00	26.99 1.21 0.00	24.45 1.17 0.00	24.92 1.26 0.00	31.62 1.61 0.00	27.30 1.52 0.00	11.64 0.69 0.00	6.27 0.42 0.00	6.77 0.45 0.00	4.88 0.33 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.58 0.00	18.68 1.47 0.00	29.14 2.31 0.00	28.98 2.30 0.00	34.79 2.81 0.00	36.71 2.93 0.00	34.30 2.78 0.00	33.92 2.74 0.00	31.46 2.37 0.00	29.46 2.14 0.00
LINDHRST_69_KV_BK1 356055	79.67 2.53 -44.55	35.50 2.13 -5.85	33.61 2.04 -3.27	31.18 1.89 -3.50	28.48 1.77 -3.43	25.58 1.93 0.00	32.56 2.53 -0.02	27.96 2.17 0.00	11.89 0.94 0.00	6.39 0.53 0.00	6.89 0.57 0.00	4.96 0.41 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	13.32 0.69 -5.80	27.65 1.74 -8.70	42.93 2.72 -13.37	51.23 2.70 -21.84	54.42 3.35 -19.10	37.17 3.40 0.00	34.81 3.29 0.00	35.58 3.29 -1.10	38.16 2.96 -6.11	38.16 2.74 -8.11
LIPA_MISC_IPP 23656	361.23 2.76 -325.89	91.37 2.30 -61.55	65.01 2.26 -34.43	64.82 2.10 -36.92	61.34 1.96 -36.10	25.79 2.14 0.00	32.86 2.84 -0.01	28.19 2.40 0.00	11.95 1.01 0.00	6.38 0.53 0.00	6.87 0.55 0.00	4.95 0.41 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	12.60 0.68 -5.09	26.57 1.72 -7.64	41.27 2.69 -11.74	48.53 2.66 -19.18	52.02 3.26 -16.77	36.80 3.03 0.00	34.45 2.94 0.00	35.04 2.89 -0.97	37.02 2.56 -5.36	36.82 2.39 -7.11

LISF___SOLAR 323691	366.33 2.82 -330.93	92.39 2.34 -62.53	65.60 2.31 -34.99	65.45 2.15 -37.52	61.95 1.99 -36.68	25.83 2.17 0.00	32.91 2.89 -0.01	28.22 2.44 0.00	11.96 1.02 0.00	6.38 0.53 0.00	6.87 0.56 0.00	4.95 0.41 0.00	-1.62 -0.14 0.00	-4.77 -0.42 0.00	12.62 0.68 -5.10	26.60 1.74 -7.65	41.31 2.72 -11.76	48.60 2.71 -19.20	52.11 3.33 -16.79	36.87 3.09 0.00	34.52 3.00 0.00	35.11 2.95 -0.97	37.09 2.63 -5.37	36.88 2.45 -7.12
LITTLE FALLS___HYD 24013	34.22 1.64 0.00	28.87 1.35 0.00	29.68 1.37 0.00	26.97 1.18 0.00	24.40 1.11 0.00	24.81 1.15 0.00	31.19 1.19 0.00	26.31 0.52 0.00	10.94 -0.01 0.00	5.71 -0.14 0.00	6.09 -0.23 0.00	4.36 -0.18 0.00	-1.41 0.06 0.00	-4.18 0.17 0.00	6.63 -0.20 0.00	16.73 -0.47 0.00	26.17 -0.67 0.00	26.64 -0.05 0.00	33.34 1.36 0.00	35.85 2.07 0.00	33.61 2.09 0.00	34.34 2.15 -1.01	33.11 2.12 -1.91	29.42 1.83 -0.27
LITTLRIV_115KV_TB1 356100	32.20 -0.38 0.00	27.25 -0.27 0.00	28.12 -0.19 0.00	25.66 -0.13 0.00	23.20 -0.09 0.00	23.58 -0.07 0.00	29.93 -0.08 0.00	25.55 -0.24 0.00	10.81 -0.14 0.00	5.77 -0.09 0.00	6.20 -0.11 0.00	4.44 -0.10 0.00	-1.45 0.03 0.00	-4.25 0.10 0.00	6.64 -0.19 0.00	16.88 -0.33 0.00	26.35 -0.48 0.00	26.33 -0.36 0.00	31.38 -0.61 0.00	33.18 -0.60 0.00	30.79 -0.72 0.00	25.87 -0.89 4.43	19.47 -1.09 8.53	25.11 -1.01 1.20
LI_NEWBRDGE___DRP 323616	46.50 1.83 -12.09	29.08 1.56 -0.01	29.77 1.47 0.00	27.17 1.38 0.00	24.59 1.31 0.00	25.10 1.44 0.00	31.91 1.89 -0.01	27.43 1.64 0.00	11.67 0.73 0.00	6.29 0.44 0.00	6.79 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.69 -0.34 0.00	12.13 0.58 -4.71	25.72 1.44 -7.07	39.93 2.23 -10.87	46.62 2.18 -17.75	50.19 2.68 -15.52	36.50 2.72 0.00	34.15 2.64 0.00	34.73 2.64 -0.90	36.41 2.35 -4.96	36.09 2.18 -6.60
LOCKPORT_115KV_TB60_63_64 80432	29.62 -2.96 0.01	16.53 -2.68 8.30	15.30 -2.90 10.11	13.35 -2.69 9.76	11.54 -2.33 9.42	11.93 -2.26 9.46	16.90 -2.75 10.36	14.65 -2.03 9.11	7.47 -0.75 2.73	5.60 -0.25 0.00	6.19 -0.13 0.00	4.60 0.06 0.00	-1.49 -0.01 0.00	-4.38 -0.02 0.00	6.61 -0.22 0.00	15.20 -0.62 1.39	25.29 -1.55 0.00	24.71 -1.98 0.00	19.95 -2.32 9.72	20.19 -2.67 10.91	18.62 -2.30 10.60	20.16 -2.16 8.86	25.71 -2.08 1.30	25.67 -1.65 0.00
LOCKPORT___CC1 323769	29.57 -3.01 0.01	15.91 -2.70 8.91	14.54 -2.93 10.84	12.61 -2.72 10.46	10.82 -2.36 10.10	11.21 -2.30 10.15	16.13 -2.76 11.12	13.97 -2.04 9.77	7.26 -0.76 2.93	5.60 -0.25 0.00	6.19 -0.13 0.00	4.60 0.06 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.60 -0.23 0.00	15.08 -0.64 1.49	25.28 -1.56 0.00	24.70 -1.98 0.00	19.29 -2.27 10.42	19.41 -2.66 11.71	17.83 -2.31 11.37	19.50 -2.18 9.50	25.59 -2.10 1.40	25.66 -1.65 0.00
LOCKPORT___CC2 323770	29.57 -3.01 0.01	15.91 -2.70 8.91	14.54 -2.93 10.84	12.61 -2.72 10.46	10.82 -2.36 10.10	11.21 -2.30 10.15	16.13 -2.76 11.12	13.97 -2.04 9.77	7.26 -0.76 2.93	5.60 -0.25 0.00	6.19 -0.13 0.00	4.60 0.06 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.60 -0.23 0.00	15.08 -0.64 1.49	25.28 -1.56 0.00	24.70 -1.98 0.00	19.29 -2.27 10.42	19.41 -2.66 11.71	17.83 -2.31 11.37	19.50 -2.18 9.50	25.59 -2.10 1.40	25.66 -1.65 0.00
LOCKPORT___CC3 323771	29.57 -3.01 0.01	15.91 -2.70 8.91	14.54 -2.93 10.84	12.61 -2.72 10.46	10.82 -2.36 10.10	11.21 -2.30 10.15	16.13 -2.76 11.12	13.97 -2.04 9.77	7.26 -0.76 2.93	5.60 -0.25 0.00	6.19 -0.13 0.00	4.60 0.06 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.60 -0.23 0.00	15.08 -0.64 1.49	25.28 -1.56 0.00	24.70 -1.98 0.00	19.29 -2.27 10.42	19.41 -2.66 11.71	17.83 -2.31 11.37	19.50 -2.18 9.50	25.59 -2.10 1.40	25.66 -1.65 0.00
LOCUSVLY_69_KV_BK2 55797	53.39 2.13 -18.68	29.33 1.79 -0.01	30.01 1.70 0.00	27.38 1.59 0.00	24.78 1.50 0.00	25.29 1.64 0.00	32.16 2.13 -0.02	27.65 1.87 0.00	11.78 0.83 0.00	6.34 0.49 0.00	6.84 0.53 0.00	4.93 0.39 0.00	-1.60 -0.13 0.00	-4.74 -0.39 0.00	14.77 0.65 -7.28	29.78 1.65 -10.92	46.18 2.56 -16.79	56.62 2.52 -27.41	59.03 3.08 -23.97	36.92 3.14 0.00	34.55 3.03 0.00	35.58 3.01 -1.38	39.44 2.68 -7.66	39.98 2.47 -10.18
LONG_LAKE_PHOENIX 24014	31.68 -0.91 0.00	26.72 -0.80 0.00	27.48 -0.82 0.00	25.03 -0.76 0.00	22.57 -0.72 0.00	22.92 -0.73 0.00	29.09 -0.92 0.00	24.97 -0.81 0.00	10.58 -0.37 0.00	5.67 -0.19 0.00	6.12 -0.20 0.00	4.41 -0.13 0.00	-1.43 0.05 0.00	-4.22 0.13 0.00	6.62 -0.22 0.00	16.68 -0.52 0.00	26.05 -0.79 0.00	25.90 -0.78 0.00	30.97 -1.02 0.00	32.69 -1.08 0.00	30.53 -0.99 0.00	29.65 -0.98 0.56	27.07 -0.95 1.07	26.33 -0.83 0.15
LOVETT___3 23632	34.08 1.49 0.00	28.76 1.24 0.00	29.46 1.15 0.00	26.87 1.09 0.00	24.33 1.05 0.00	24.81 1.15 0.00	31.48 1.47 0.00	27.14 1.36 0.00	11.56 0.61 0.00	6.21 0.36 0.00	6.70 0.39 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.64 -0.29 0.00	7.34 0.50 0.00	18.47 1.26 0.00	28.83 2.00 0.00	28.67 1.98 0.00	34.47 2.48 0.00	36.37 2.60 0.00	34.02 2.50 0.00	33.67 2.49 0.00	31.23 2.14 0.00	29.26 1.94 0.00
LOVETT___4 23642	34.08 1.49 0.00	28.76 1.24 0.00	29.46 1.15 0.00	26.87 1.09 0.00	24.33 1.05 0.00	24.81 1.15 0.00	31.48 1.47 0.00	27.14 1.36 0.00	11.56 0.61 0.00	6.21 0.36 0.00	6.70 0.39 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.64 -0.29 0.00	7.34 0.50 0.00	18.47 1.26 0.00	28.83 2.00 0.00	28.67 1.98 0.00	34.47 2.48 0.00	36.37 2.60 0.00	34.02 2.50 0.00	33.67 2.49 0.00	31.23 2.14 0.00	29.26 1.94 0.00
LOVETT___5 23593	34.08 1.49 0.00	28.76 1.24 0.00	29.46 1.15 0.00	26.87 1.09 0.00	24.33 1.05 0.00	24.81 1.15 0.00	31.48 1.47 0.00	27.14 1.36 0.00	11.56 0.61 0.00	6.21 0.36 0.00	6.70 0.39 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.64 -0.29 0.00	7.34 0.50 0.00	18.47 1.26 0.00	28.83 2.00 0.00	28.67 1.98 0.00	34.47 2.48 0.00	36.37 2.60 0.00	34.02 2.50 0.00	33.67 2.49 0.00	31.23 2.14 0.00	29.26 1.94 0.00
LOWER RAQUET___HYD 24057	31.75 -0.83 0.00	26.87 -0.65 0.00	27.73 -0.58 0.00	25.32 -0.47 0.00	22.88 -0.40 0.00	23.24 -0.41 0.00	29.53 -0.47 0.00	25.32 -0.46 0.00	10.72 -0.22 0.00	5.72 -0.13 0.00	6.15 -0.16 0.00	4.41 -0.13 0.00	-1.43 0.04 0.00	-4.22 0.13 0.00	6.57 -0.26 0.00	16.67 -0.53 0.00	25.98 -0.86 0.00	25.89 -0.79 0.00	30.85 -1.14 0.00	32.60 -1.17 0.00	30.25 -1.27 0.00	25.04 -1.44 4.71	18.48 -1.56 9.05	24.62 -1.42 1.27
LOWER___HUDSON 24059	33.67 1.09 0.00	28.45 0.93 0.00	29.23 0.93 0.00	26.61 0.82 0.00	24.06 0.77 0.00	24.44 0.79 0.00	30.91 0.91 0.00	26.49 0.70 0.00	11.20 0.25 0.00	5.93 0.08 0.00	6.39 0.08 0.00	4.57 0.03 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.93 0.10 0.00	17.48 0.27 0.00	27.34 0.51 0.00	27.35 0.66 0.00	33.03 1.05 0.00	34.98 1.20 0.00	32.74 1.23 0.00	32.44 1.26 0.00	30.27 1.17 0.00	28.45 1.14 0.00

LOWVILLE_115KV_TB2 356335	31.01 -1.57 0.00	26.11 -1.41 0.00	27.20 -1.11 0.00	25.09 -0.70 0.00	22.64 -0.64 0.00	22.86 -0.80 0.00	29.20 -0.80 0.00	25.04 -0.74 0.00	10.47 -0.47 0.00	5.54 -0.31 0.00	5.98 -0.34 0.00	4.24 -0.31 0.00	-1.38 0.09 0.00	-4.02 0.33 0.00	6.37 -0.47 0.00	16.33 -0.88 0.00	25.86 -0.98 0.00	25.91 -0.77 0.00	30.81 -1.18 0.00	32.68 -1.10 0.00	30.33 -1.19 0.00	52.07 -1.42 -22.30	69.87 -1.44 -42.22	31.84 -1.42 -5.94
LUTHERFT_115KV_GLOB_FND_222 355753	34.01 1.43 0.00	28.74 1.21 0.00	29.54 1.23 0.00	26.86 1.08 0.00	24.30 1.01 0.00	24.70 1.05 0.00	31.29 1.28 0.00	26.77 0.99 0.00	11.30 0.35 0.00	5.98 0.13 0.00	6.44 0.12 0.00	4.61 0.07 0.00	-1.50 -0.02 0.00	-4.43 -0.07 0.00	6.99 0.15 0.00	17.63 0.43 0.00	27.60 0.76 0.00	27.66 0.97 0.00	33.57 1.59 0.00	35.61 1.83 0.00	33.31 1.79 0.00	32.96 1.78 0.00	30.67 1.58 0.00	28.80 1.48 0.00
LUTHERNY_35_KV_BK2 355980	34.05 1.46 0.00	28.77 1.25 0.00	29.56 1.25 0.00	26.88 1.09 0.00	24.31 1.03 0.00	24.73 1.07 0.00	31.32 1.31 0.00	26.80 1.02 0.00	11.31 0.36 0.00	5.98 0.13 0.00	6.44 0.13 0.00	4.61 0.07 0.00	-1.50 -0.03 0.00	-4.43 -0.08 0.00	6.99 0.16 0.00	17.65 0.44 0.00	27.65 0.81 0.00	27.69 1.01 0.00	33.63 1.65 0.00	35.66 1.89 0.00	33.36 1.85 0.00	33.01 1.83 0.00	30.70 1.61 0.00	28.84 1.52 0.00
LWR__OSWEGATCHIE_HYD 23850	31.05 -1.53 0.00	26.22 -1.31 0.00	27.18 -1.13 0.00	24.93 -0.86 0.00	22.50 -0.78 0.00	22.80 -0.86 0.00	29.04 -0.97 0.00	24.88 -0.90 0.00	10.47 -0.48 0.00	5.56 -0.29 0.00	5.99 -0.32 0.00	4.27 -0.27 0.00	-1.39 0.08 0.00	-4.07 0.28 0.00	6.39 -0.44 0.00	16.31 -0.90 0.00	25.64 -1.20 0.00	25.63 -1.06 0.00	30.47 -1.51 0.00	32.25 -1.52 0.00	29.94 -1.58 0.00	20.30 -1.76 9.13	9.91 -1.80 17.38	23.17 -1.70 2.45
LYONS_FALL_HYD 23570	31.76 -0.82 0.00	26.74 -0.78 0.00	27.75 -0.56 0.00	25.48 -0.30 0.00	23.00 -0.28 0.00	23.27 -0.38 0.00	29.66 -0.34 0.00	25.40 -0.38 0.00	10.65 -0.29 0.00	5.65 -0.21 0.00	6.09 -0.23 0.00	4.33 -0.21 0.00	-1.42 0.06 0.00	-4.13 0.23 0.00	6.53 -0.30 0.00	16.66 -0.54 0.00	26.28 -0.56 0.00	26.43 -0.25 0.00	31.53 -0.45 0.00	33.37 -0.41 0.00	31.04 -0.48 0.00	30.52 -0.67 0.00	28.35 -0.74 0.00	26.57 -0.75 0.00
MADISON__COUNTY_LFGE 323628	33.00 0.42 0.00	27.82 0.30 0.00	28.66 0.35 0.00	26.12 0.33 0.00	23.57 0.29 0.00	23.94 0.29 0.00	30.39 0.39 0.00	25.96 0.17 0.00	10.94 -0.01 0.00	5.83 -0.03 0.00	6.28 -0.03 0.00	4.51 -0.03 0.00	-1.47 0.01 0.00	-4.32 0.04 0.00	6.80 -0.03 0.00	17.19 -0.01 0.00	26.93 0.09 0.00	27.19 0.51 0.00	32.67 0.69 0.00	34.47 0.70 0.00	32.18 0.66 0.00	34.62 0.55 -2.88	34.96 0.42 -5.45	28.45 0.37 -0.77
MALONE__115KV_TB1 356076	32.13 -0.46 0.00	27.16 -0.37 0.00	27.96 -0.35 0.00	25.53 -0.25 0.00	23.05 -0.23 0.00	23.43 -0.23 0.00	29.78 -0.22 0.00	25.60 -0.18 0.00	10.86 -0.09 0.00	5.80 -0.05 0.00	6.23 -0.09 0.00	4.48 -0.06 0.00	-1.45 0.02 0.00	-4.30 0.06 0.00	6.74 -0.09 0.00	17.05 -0.16 0.00	26.49 -0.35 0.00	26.39 -0.30 0.00	31.50 -0.48 0.00	33.19 -0.58 0.00	30.65 -0.87 0.00	27.75 -1.16 2.28	23.39 -1.25 4.45	25.54 -1.15 0.63
MAPLEWOD_115KV_TB3 80458	33.67 1.09 0.00	28.45 0.92 0.00	29.23 0.92 0.00	26.61 0.82 0.00	24.06 0.77 0.00	24.44 0.78 0.00	30.85 0.85 0.00	26.45 0.66 0.00	11.19 0.25 0.00	5.94 0.09 0.00	6.40 0.09 0.00	4.58 0.04 0.00	-1.49 -0.02 0.00	-4.40 -0.05 0.00	6.95 0.12 0.00	17.52 0.32 0.00	27.40 0.57 0.00	27.36 0.67 0.00	32.97 0.99 0.00	34.87 1.10 0.00	32.64 1.12 0.00	32.33 1.14 0.00	30.21 1.12 0.00	28.47 1.16 0.00
MAPLE_RIDGE_WT_1 323574	31.91 -0.68 0.00	27.01 -0.51 0.00	27.91 -0.40 0.00	25.50 -0.29 0.00	22.95 -0.33 0.00	23.25 -0.41 0.00	29.57 -0.43 0.00	25.50 -0.29 0.00	10.85 -0.10 0.00	5.79 -0.07 0.00	6.24 -0.07 0.00	4.47 -0.07 0.00	-1.45 0.03 0.00	-4.27 0.09 0.00	6.69 -0.14 0.00	16.87 -0.34 0.00	26.45 -0.39 0.00	26.13 -0.55 0.00	31.28 -0.71 0.00	33.03 -0.74 0.00	30.77 -0.74 0.00	30.36 -0.83 0.00	28.27 -0.82 0.00	26.60 -0.72 0.00
MAPLE_RIDGE_WT_2 323611	31.91 -0.68 0.00	27.01 -0.51 0.00	27.91 -0.40 0.00	25.50 -0.29 0.00	22.95 -0.33 0.00	23.25 -0.41 0.00	29.57 -0.43 0.00	25.50 -0.29 0.00	10.85 -0.10 0.00	5.79 -0.07 0.00	6.24 -0.07 0.00	4.47 -0.07 0.00	-1.45 0.03 0.00	-4.27 0.09 0.00	6.69 -0.14 0.00	16.87 -0.34 0.00	26.45 -0.39 0.00	26.13 -0.55 0.00	31.28 -0.71 0.00	33.03 -0.74 0.00	30.77 -0.74 0.00	30.36 -0.83 0.00	28.27 -0.82 0.00	26.60 -0.72 0.00
MARBLE_RIVER_WT_PWR 323696	32.14 -0.45 0.00	27.14 -0.38 0.00	27.94 -0.37 0.00	25.50 -0.28 0.00	23.03 -0.26 0.00	23.37 -0.28 0.00	29.71 -0.30 0.00	25.59 -0.19 0.00	10.87 -0.07 0.00	5.82 -0.04 0.00	6.25 -0.06 0.00	4.50 -0.03 0.00	-1.46 0.02 0.00	-4.32 0.04 0.00	6.80 -0.04 0.00	17.12 -0.09 0.00	26.58 -0.26 0.00	26.44 -0.25 0.00	31.53 -0.46 0.00	33.18 -0.59 0.00	30.58 -0.93 0.00	28.82 -1.26 1.11	25.58 -1.27 2.23	25.87 -1.13 0.31
MARSHVLE_115KV_TB1 80742	33.71 1.13 0.00	28.43 0.91 0.00	29.16 0.86 0.00	26.60 0.81 0.00	24.02 0.73 0.00	24.44 0.78 0.00	30.87 0.87 0.00	26.13 0.35 0.00	10.99 0.05 0.00	5.87 0.02 0.00	6.31 0.00 0.00	4.53 -0.01 0.00	-1.47 0.00 0.00	-4.34 0.02 0.00	6.82 -0.02 0.00	17.15 -0.06 0.00	26.73 -0.11 0.00	26.77 0.08 0.00	32.72 0.73 0.00	35.00 1.22 0.00	32.71 1.20 0.00	32.38 1.19 0.00	30.14 1.04 0.00	28.16 0.84 0.00
MARSH_HILL_WT_PWR 323713	30.93 -1.68 -0.02	58.39 -1.52 -32.40	65.90 -1.85 -39.43	61.99 -1.84 -38.05	58.27 -1.74 -36.72	58.67 -1.89 -36.90	68.42 -2.00 -40.42	59.86 -1.45 -35.52	20.96 -0.63 -10.64	5.59 -0.27 0.00	6.07 -0.25 0.00	4.48 -0.06 0.00	-1.39 0.08 0.00	-4.20 0.15 0.00	6.29 -0.54 0.00	21.30 -1.32 -5.41	25.20 -1.63 0.00	25.54 -1.15 0.00	68.56 -1.41 -37.99	74.58 -1.83 -42.64	71.10 -1.84 -41.43	64.03 -1.78 -34.63	32.31 -1.87 -5.08	25.83 -1.49 0.00
MCINTYRE_115KV_TB2 80467	32.63 0.04 0.00	27.62 0.10 0.00	28.49 0.18 0.00	25.98 0.19 0.00	23.49 0.21 0.00	23.89 0.24 0.00	30.28 0.28 0.00	25.77 -0.02 0.00	10.90 -0.04 0.00	5.82 -0.03 0.00	6.26 -0.06 0.00	4.49 -0.05 0.00	-1.46 0.02 0.00	-4.30 0.06 0.00	6.72 -0.12 0.00	17.11 -0.10 0.00	26.74 -0.10 0.00	26.74 0.05 0.00	31.88 -0.10 0.00	33.72 -0.05 0.00	31.31 -0.21 0.00	26.84 -0.36 3.98	20.76 -0.64 7.69	25.61 -0.62 1.08
MECO____69_KV_BK1 80468	34.27 1.69 0.00	28.89 1.37 0.00	29.63 1.33 0.00	27.00 1.21 0.00	24.40 1.12 0.00	24.84 1.18 0.00	31.38 1.38 0.00	26.53 0.74 0.00	11.09 0.14 0.00	5.87 0.02 0.00	6.29 -0.03 0.00	4.51 -0.03 0.00	-1.46 0.01 0.00	-4.31 0.04 0.00	6.79 -0.04 0.00	17.12 -0.09 0.00	26.73 -0.10 0.00	26.92 0.24 0.00	33.41 1.42 0.00	35.77 1.99 0.00	33.47 1.96 0.00	33.11 1.92 0.00	30.77 1.68 0.00	28.77 1.46 0.00

MENANDS__115KV_TB5 355628	33.57 0.99 0.00	28.36 0.84 0.00	29.14 0.84 0.00	26.54 0.75 0.00	23.99 0.71 0.00	24.36 0.71 0.00	30.74 0.73 0.00	26.37 0.58 0.00	11.16 0.22 0.00	5.93 0.08 0.00	6.39 0.07 0.00	4.57 0.03 0.00	-1.49 -0.01 0.00	-4.39 -0.04 0.00	6.94 0.10 0.00	17.49 0.28 0.00	27.34 0.50 0.00	27.28 0.59 0.00	32.81 0.83 0.00	34.69 0.91 0.00	32.45 0.94 0.00	32.16 0.97 0.00	30.08 0.99 0.00	28.37 1.06 0.00
MG INDUSTRY__DRP 24185	33.56 0.98 0.00	28.35 0.83 0.00	29.14 0.83 0.00	26.55 0.76 0.00	24.00 0.71 0.00	24.39 0.73 0.00	30.77 0.76 0.00	26.33 0.54 0.00	11.14 0.19 0.00	5.93 0.07 0.00	6.38 0.07 0.00	4.57 0.03 0.00	-1.50 -0.03 0.00	-4.42 -0.07 0.00	6.92 0.09 0.00	17.43 0.22 0.00	27.25 0.42 0.00	27.20 0.52 0.00	32.84 0.85 0.00	34.77 1.00 0.00	32.52 1.00 0.00	32.22 1.04 0.00	30.10 1.01 0.00	28.37 1.05 0.00
MID__OSWEGATCHIE_HYD 23849	31.05 -1.53 0.00	26.22 -1.31 0.00	27.18 -1.13 0.00	24.93 -0.86 0.00	22.50 -0.78 0.00	22.80 -0.86 0.00	29.04 -0.97 0.00	24.88 -0.90 0.00	10.47 -0.48 0.00	5.56 -0.29 0.00	5.99 -0.32 0.00	4.27 -0.27 0.00	-1.39 0.08 0.00	-4.07 0.28 0.00	6.39 -0.44 0.00	16.31 -0.90 0.00	25.64 -1.20 0.00	25.63 -1.06 0.00	30.47 -1.51 0.00	32.25 -1.52 0.00	29.94 -1.58 0.00	20.30 -1.76 9.13	9.91 -1.80 17.38	23.17 -1.70 2.45
MID__RAQUETTE_HYD 23851	31.75 -0.83 0.00	26.87 -0.65 0.00	27.73 -0.58 0.00	25.32 -0.47 0.00	22.88 -0.40 0.00	23.24 -0.41 0.00	29.54 -0.47 0.00	25.32 -0.47 0.00	10.72 -0.22 0.00	5.72 -0.13 0.00	6.15 -0.16 0.00	4.41 -0.13 0.00	-1.43 0.04 0.00	-4.22 0.13 0.00	6.57 -0.26 0.00	16.67 -0.53 0.00	25.98 -0.86 0.00	25.89 -0.80 0.00	30.85 -1.13 0.00	32.60 -1.17 0.00	30.25 -1.27 0.00	25.04 -1.44 4.71	18.48 -1.56 9.05	24.62 -1.42 1.27
MILLIKEN__1 23584	32.79 0.21 0.00	29.92 0.11 -2.28	31.21 0.12 -2.78	28.55 0.08 -2.68	25.92 0.05 -2.59	26.34 0.08 -2.60	33.04 0.19 -2.85	28.33 0.04 -2.50	11.63 -0.07 -0.75	5.81 -0.05 0.00	6.27 -0.04 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.34 0.01 0.00	6.77 -0.06 0.00	17.40 -0.18 -0.38	26.75 -0.09 0.00	26.90 0.21 0.00	35.02 0.35 -2.68	37.20 0.42 -3.00	34.86 0.43 -2.92	34.03 0.40 -2.44	29.65 0.20 -0.36	27.54 0.22 0.00
MILLIKEN__2 23585	32.79 0.21 0.00	29.92 0.11 -2.28	31.21 0.12 -2.78	28.55 0.08 -2.68	25.92 0.05 -2.59	26.34 0.08 -2.60	33.04 0.19 -2.85	28.33 0.04 -2.50	11.63 -0.07 -0.75	5.81 -0.05 0.00	6.27 -0.04 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.34 0.01 0.00	6.77 -0.06 0.00	17.40 -0.18 -0.38	26.75 -0.09 0.00	26.90 0.21 0.00	35.02 0.35 -2.68	37.20 0.42 -3.00	34.86 0.43 -2.92	34.03 0.40 -2.44	29.65 0.20 -0.36	27.54 0.22 0.00
MILLIKEN__DIESEL 23629	32.79 0.21 0.00	29.92 0.11 -2.28	31.21 0.12 -2.78	28.55 0.08 -2.68	25.92 0.05 -2.59	26.34 0.08 -2.60	33.04 0.19 -2.85	28.33 0.04 -2.50	11.63 -0.07 -0.75	5.81 -0.05 0.00	6.27 -0.04 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.34 0.01 0.00	6.77 -0.06 0.00	17.40 -0.18 -0.38	26.75 -0.09 0.00	26.90 0.21 0.00	35.02 0.35 -2.68	37.20 0.42 -3.00	34.86 0.43 -2.92	34.03 0.40 -2.44	29.65 0.20 -0.36	27.54 0.22 0.00
MILLSEAT__LFGE 323607	30.35 -2.23 0.00	18.65 -2.04 6.84	17.77 -2.21 8.32	15.69 -2.07 8.03	13.75 -1.79 7.75	14.15 -1.72 7.79	19.43 -2.05 8.53	16.74 -1.55 7.49	8.07 -0.63 2.25	5.63 -0.22 0.00	6.20 -0.11 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.37 -0.01 0.00	6.67 -0.17 0.00	15.79 -0.27 1.14	25.92 -0.92 0.00	25.38 -1.31 0.00	22.49 -1.50 7.99	22.94 -1.86 8.98	21.29 -1.50 8.72	22.51 -1.39 7.29	26.61 -1.41 1.07	26.24 -1.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.15 1.57 0.00	28.84 1.32 0.00	29.55 1.24 0.00	26.96 1.17 0.00	24.41 1.12 0.00	24.88 1.22 0.00	31.56 1.56 0.00	27.21 1.43 0.00	11.59 0.64 0.00	6.23 0.37 0.00	6.71 0.40 0.00	4.83 0.29 0.00	-1.58 -0.10 0.00	-4.65 -0.30 0.00	7.34 0.51 0.00	18.50 1.29 0.00	28.89 2.06 0.00	28.74 2.05 0.00	34.55 2.57 0.00	36.46 2.69 0.00	34.09 2.57 0.00	33.75 2.56 0.00	31.30 2.21 0.00	29.34 2.02 0.00
MILLWOOD_13_KV_LOAD 356217	34.22 1.64 0.00	28.90 1.38 0.00	29.60 1.30 0.00	27.00 1.21 0.00	24.44 1.16 0.00	24.91 1.26 0.00	31.62 1.62 0.00	27.26 1.48 0.00	11.61 0.66 0.00	6.23 0.38 0.00	6.73 0.41 0.00	4.83 0.29 0.00	-1.58 -0.10 0.00	-4.66 -0.30 0.00	7.36 0.52 0.00	18.53 1.32 0.00	28.95 2.11 0.00	28.80 2.12 0.00	34.63 2.65 0.00	36.55 2.77 0.00	34.18 2.66 0.00	33.83 2.64 0.00	31.38 2.29 0.00	29.40 2.08 0.00
MODEL_CITY_ENERGY 24167	29.29 -3.28 0.01	15.85 -2.89 8.78	14.50 -3.12 10.69	12.59 -2.89 10.31	10.82 -2.51 9.96	11.20 -2.45 10.00	16.10 -2.95 10.96	13.95 -2.20 9.63	7.24 -0.82 2.88	5.56 -0.29 0.00	6.15 -0.17 0.00	4.58 0.04 0.00	-1.48 -0.01 0.00	-4.36 -0.01 0.00	6.55 -0.28 0.00	14.95 -0.80 1.46	24.99 -1.85 0.00	24.41 -2.27 0.00	19.19 -2.52 10.28	19.27 -2.96 11.54	17.72 -2.58 11.21	19.36 -2.45 9.37	25.34 -2.38 1.38	25.39 -1.93 0.00
MODERN_LFGE__ 323580	29.29 -3.28 0.01	15.85 -2.89 8.78	14.50 -3.12 10.69	12.59 -2.89 10.31	10.82 -2.51 9.96	11.20 -2.45 10.00	16.10 -2.95 10.96	13.95 -2.20 9.63	7.24 -0.82 2.88	5.56 -0.29 0.00	6.15 -0.17 0.00	4.58 0.04 0.00	-1.48 -0.01 0.00	-4.36 -0.01 0.00	6.55 -0.28 0.00	14.95 -0.80 1.46	24.99 -1.85 0.00	24.41 -2.27 0.00	19.19 -2.52 10.28	19.27 -2.96 11.54	17.72 -2.58 11.21	19.36 -2.45 9.37	25.34 -2.38 1.38	25.39 -1.93 0.00
MOHAWK_PAPER__DRP 24187	33.67 1.09 0.00	28.45 0.92 0.00	29.23 0.92 0.00	26.61 0.82 0.00	24.06 0.77 0.00	24.44 0.78 0.00	30.85 0.85 0.00	26.45 0.66 0.00	11.19 0.25 0.00	5.94 0.09 0.00	6.40 0.09 0.00	4.58 0.04 0.00	-1.49 -0.02 0.00	-4.40 -0.05 0.00	6.95 0.12 0.00	17.52 0.32 0.00	27.40 0.57 0.00	27.36 0.67 0.00	32.97 0.99 0.00	34.87 1.10 0.00	32.64 1.12 0.00	32.33 1.14 0.00	30.21 1.12 0.00	28.47 1.16 0.00
MOHICAN__35_KV_115KV_LD 80490	34.29 1.71 0.00	28.99 1.47 0.00	29.79 1.48 0.00	27.07 1.28 0.00	24.50 1.21 0.00	24.92 1.26 0.00	31.62 1.62 0.00	27.01 1.23 0.00	11.36 0.42 0.00	5.99 0.14 0.00	6.44 0.13 0.00	4.61 0.07 0.00	-1.50 -0.02 0.00	-4.44 -0.09 0.00	7.01 0.18 0.00	17.70 0.50 0.00	27.71 0.87 0.00	27.84 1.16 0.00	34.02 2.03 0.00	36.21 2.44 0.00	33.90 2.39 0.00	33.49 2.31 0.00	31.06 1.96 0.00	29.10 1.78 0.00
MONGAUP__HYD 23641	34.22 1.64 0.00	28.82 1.29 0.00	29.52 1.21 0.00	26.92 1.13 0.00	24.37 1.09 0.00	24.81 1.15 0.00	31.34 1.34 0.00	26.90 1.12 0.00	11.36 0.42 0.00	6.12 0.26 0.00	6.59 0.28 0.00	4.73 0.19 0.00	-1.54 -0.07 0.00	-4.56 -0.20 0.00	7.20 0.37 0.00	18.12 0.91 0.00	28.28 1.45 0.00	28.02 1.34 0.00	33.90 1.91 0.00	36.13 2.36 0.00	33.90 2.39 0.00	33.58 2.39 0.00	31.12 2.03 0.00	29.14 1.83 0.00

MONTAUK___DIESEL 23721	364.64 3.49 -328.57	92.48 2.88 -62.07	66.17 3.14 -34.73	65.92 2.89 -37.24	62.27 2.58 -36.41	26.45 2.79 0.00	33.75 3.73 -0.01	28.83 3.04 0.00	12.15 1.20 0.00	6.47 0.62 0.00	6.91 0.60 0.00	4.93 0.39 0.00	-1.59 -0.11 0.00	-4.68 -0.32 0.00	12.48 0.55 -5.09	26.22 1.37 -7.65	40.76 2.17 -11.75	48.14 2.26 -19.19	51.63 2.87 -16.78	36.32 2.55 0.00	33.98 2.46 0.00	34.44 2.29 -0.97	36.38 1.92 -5.37	36.15 1.72 -7.11
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.83 -2.75 0.01	16.24 -2.80 8.48	14.78 -3.20 10.33	12.92 -2.90 9.96	11.19 -2.47 9.62	11.68 -2.31 9.66	16.75 -2.67 10.59	14.52 -1.96 9.30	7.46 -0.70 2.79	5.70 -0.15 0.00	6.30 -0.01 0.00	4.66 0.12 0.00	-1.45 0.02 0.00	-4.28 0.07 0.00	6.56 -0.27 0.00	15.56 -0.23 1.41	25.89 -0.95 0.00	24.70 -1.98 0.00	19.59 -2.47 9.92	20.32 -2.31 11.14	18.65 -2.04 10.82	20.05 -2.08 9.05	25.75 -2.01 1.33	25.69 -1.62 0.00
MORRIS_RIDGE___SOLAR 323848	30.39 -2.16 0.03	-22.91 -1.94 48.49	-32.86 -2.14 59.03	-33.22 -2.06 56.95	-33.52 -1.84 54.96	-33.44 -1.85 55.24	-32.56 -2.07 60.50	-29.04 -1.65 53.17	-5.74 -0.77 15.92	5.56 -0.30 0.00	6.06 -0.25 0.00	4.49 -0.05 0.00	-1.41 0.06 0.00	-4.23 0.12 0.00	6.42 -0.41 0.00	8.15 -0.96 8.10	25.48 -1.35 0.00	25.33 -1.35 0.00	-26.51 -1.68 56.82	-31.98 -1.95 63.80	-32.26 -1.79 61.99	-22.38 -1.75 51.82	19.70 -1.78 7.61	25.92 -1.40 0.00
MORTIMER_115KV_TB3 55949	31.27 -1.32 0.00	26.24 -1.29 0.00	26.90 -1.41 0.00	24.47 -1.31 0.00	22.13 -1.16 0.00	22.54 -1.12 0.00	28.66 -1.35 0.00	24.74 -1.05 0.00	10.54 -0.40 0.00	5.72 -0.14 0.00	6.24 -0.07 0.00	4.57 0.02 0.00	-1.47 0.00 0.00	-4.35 0.00 0.00	6.76 -0.07 0.00	17.08 -0.13 0.00	26.41 -0.43 0.00	26.01 -0.67 0.00	31.03 -0.95 0.00	32.70 -1.08 0.00	30.62 -0.90 0.00	30.35 -0.84 0.00	28.24 -0.85 0.00	26.69 -0.63 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.32 1.74 0.00	29.01 1.49 0.00	29.71 1.40 0.00	27.11 1.32 0.00	24.54 1.26 0.00	25.01 1.35 0.00	31.74 1.74 0.00	27.39 1.61 0.00	11.67 0.73 0.00	6.28 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.18 2.35 0.00	29.02 2.34 0.00	34.85 2.86 0.00	36.76 2.98 0.00	34.35 2.83 0.00	33.98 2.79 0.00	31.52 2.43 0.00	29.53 2.21 0.00
MUNSVILLE_WIND_PWR 323609	34.57 1.99 0.00	30.62 1.60 -1.49	31.68 1.55 -1.82	28.83 1.28 -1.76	25.85 0.87 -1.69	26.13 0.78 -1.70	33.09 1.22 -1.86	28.08 0.66 -1.64	11.54 0.10 -0.49	5.88 0.03 0.00	6.31 0.00 0.00	4.52 -0.02 0.00	-1.50 -0.03 0.00	-4.41 -0.06 0.00	6.76 -0.07 0.00	17.12 -0.34 -0.25	26.44 -0.39 0.00	26.91 0.22 0.00	35.00 1.26 -1.75	38.05 2.32 -1.96	35.56 2.13 -1.91	34.60 1.82 -1.59	30.70 1.37 -0.23	28.43 1.11 0.00
N SALMON___HYD 24042	32.13 -0.46 0.00	27.15 -0.37 0.00	27.96 -0.35 0.00	25.53 -0.26 0.00	23.05 -0.23 0.00	23.43 -0.23 0.00	29.79 -0.22 0.00	25.60 -0.18 0.00	10.86 -0.09 0.00	5.80 -0.05 0.00	6.23 -0.09 0.00	4.48 -0.06 0.00	-1.45 0.02 0.00	-4.30 0.06 0.00	6.74 -0.09 0.00	17.05 -0.16 0.00	26.49 -0.35 0.00	26.39 -0.30 0.00	31.50 -0.48 0.00	33.19 -0.59 0.00	30.65 -0.87 0.00	27.75 -1.16 2.28	23.39 -1.25 4.45	25.54 -1.15 0.63
N.AKRON__115KV_KNAPP 355671	30.17 -2.41 0.00	17.89 -2.22 7.42	16.88 -2.40 9.03	14.85 -2.23 8.71	12.95 -1.93 8.41	13.35 -1.86 8.45	18.51 -2.24 9.25	15.99 -1.66 8.13	7.87 -0.65 2.44	5.64 -0.22 0.00	6.22 -0.10 0.00	4.61 0.07 0.00	-1.49 -0.01 0.00	-4.38 -0.03 0.00	6.67 -0.16 0.00	15.62 -0.35 1.24	25.76 -1.07 0.00	25.21 -1.48 0.00	21.53 -1.77 8.68	21.92 -2.11 9.74	20.32 -1.73 9.47	21.68 -1.60 7.91	26.36 -1.57 1.16	26.10 -1.22 0.00
N.BELMOR_69_KV_BK1 55787	52.29 2.14 -17.57	29.35 1.81 -0.01	30.02 1.72 0.00	27.39 1.60 0.00	24.79 1.51 0.00	25.30 1.64 0.00	32.16 2.14 -0.02	27.64 1.86 0.00	11.76 0.82 0.00	6.34 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	14.32 0.64 -6.84	29.07 1.59 -10.27	45.11 2.48 -15.79	54.93 2.46 -25.79	57.56 3.02 -22.55	36.90 3.12 0.00	34.54 3.02 0.00	35.50 3.02 -1.30	38.98 2.68 -7.21	39.36 2.46 -9.58
N.E._GEN_SANDY PD 24062	33.85 1.27 0.00	28.61 1.09 0.00	32.15 1.09 -2.75	27.61 0.98 -0.84	26.16 0.92 -1.96	24.61 0.96 0.00	31.13 1.12 0.00	26.67 0.92 0.04	13.09 0.36 -1.78	3.45 0.14 2.55	6.63 0.15 -0.16	4.62 0.08 0.00	-1.50 -0.03 0.00	-4.44 -0.08 0.00	7.01 0.18 0.00	17.70 0.50 0.00	27.48 0.87 0.22	27.12 0.96 0.53	33.42 1.34 -0.09	35.26 1.49 0.00	32.93 1.51 0.09	33.05 1.56 -0.31	30.68 1.47 -0.13	29.56 1.39 -0.85
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.14 1.56 0.00	28.80 1.28 0.00	29.51 1.20 0.00	26.92 1.13 0.00	24.37 1.09 0.00	24.84 1.19 0.00	31.52 1.52 0.00	27.18 1.40 0.00	11.58 0.63 0.00	6.22 0.37 0.00	6.71 0.40 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.65 -0.30 0.00	7.35 0.52 0.00	18.52 1.31 0.00	28.92 2.08 0.00	28.75 2.07 0.00	34.57 2.59 0.00	36.49 2.71 0.00	34.11 2.60 0.00	33.77 2.58 0.00	31.31 2.22 0.00	29.33 2.01 0.00
N.QUEENS_27_KV_LOAD 356247	34.24 1.66 0.00	29.01 1.48 0.00	29.68 1.37 0.00	27.07 1.28 0.00	24.52 1.24 0.00	24.98 1.33 0.00	31.69 1.69 0.00	27.36 1.57 -0.01	11.66 0.71 -0.01	6.28 0.43 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.73 1.52 0.00	29.24 2.40 0.00	29.08 2.39 -0.01	34.81 2.83 0.00	36.71 2.93 0.00	34.30 2.78 0.00	33.93 2.74 0.00	31.47 2.38 0.00	29.48 2.17 0.00
N.TROY___115KV_TB1 355778	33.67 1.09 0.00	28.45 0.93 0.00	29.23 0.93 0.00	26.61 0.82 0.00	24.06 0.78 0.00	24.44 0.79 0.00	30.91 0.91 0.00	26.49 0.70 0.00	11.20 0.25 0.00	5.93 0.08 0.00	6.39 0.08 0.00	4.57 0.03 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.93 0.10 0.00	17.48 0.27 0.00	27.34 0.51 0.00	27.35 0.66 0.00	33.03 1.05 0.00	34.98 1.21 0.00	32.74 1.23 0.00	32.45 1.26 0.00	30.26 1.17 0.00	28.45 1.14 0.00
NARROWS_GT1_1 24228	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT1_2 24229	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00

NARROWS_GT1_3 24230	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT1_4 24231	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT1_5 24232	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT1_6 24233	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT1_7 24234	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT1_8 24235	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT2_1 24236	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT2_2 24237	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT2_3 24238	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT2_4 24239	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT2_5 24240	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT2_6 24241	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT2_7 24242	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NARROWS_GT2_8 24243	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.98 1.40 0.00	28.68 1.16 0.00	29.46 1.15 0.00	26.83 1.05 0.00	24.25 0.97 0.00	24.66 1.00 0.00	31.11 1.10 0.00	26.60 0.82 0.00	11.21 0.27 0.00	5.95 0.09 0.00	6.40 0.08 0.00	4.58 0.03 0.00	-1.49 -0.02 0.00	-4.41 -0.05 0.00	6.94 0.10 0.00	17.50 0.29 0.00	27.41 0.58 0.00	27.43 0.74 0.00	33.17 1.19 0.00	35.31 1.54 0.00	33.08 1.56 0.00	32.75 1.57 0.00	30.57 1.48 0.00	28.79 1.47 0.00

NCHELSEA_115KV_TR2 355582	34.30 1.72 0.00	28.96 1.43 0.00	29.67 1.37 0.00	27.06 1.27 0.00	24.49 1.21 0.00	24.96 1.30 0.00	31.66 1.66 0.00	27.27 1.49 0.00	11.60 0.65 0.00	6.21 0.36 0.00	6.70 0.38 0.00	4.81 0.27 0.00	-1.57 -0.09 0.00	-4.62 -0.27 0.00	7.31 0.48 0.00	18.43 1.22 0.00	28.84 2.01 0.00	28.74 2.06 0.00	34.62 2.64 0.00	36.57 2.80 0.00	34.21 2.69 0.00	33.87 2.68 0.00	31.43 2.34 0.00	29.44 2.12 0.00
NEG CAPITAL___MECHNVIL 23645	34.07 1.49 0.00	28.78 1.26 0.00	29.57 1.26 0.00	26.91 1.12 0.00	24.33 1.04 0.00	24.74 1.08 0.00	31.32 1.32 0.00	26.80 1.02 0.00	11.31 0.37 0.00	5.99 0.13 0.00	6.45 0.13 0.00	4.62 0.07 0.00	-1.50 -0.02 0.00	-4.43 -0.08 0.00	7.00 0.17 0.00	17.67 0.46 0.00	27.66 0.82 0.00	27.72 1.04 0.00	33.64 1.65 0.00	35.65 1.88 0.00	33.36 1.84 0.00	33.01 1.83 0.00	30.72 1.64 0.00	28.85 1.53 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.95 -1.63 0.00	26.02 -1.50 0.00	26.69 -1.62 0.00	24.27 -1.51 0.00	21.95 -1.34 0.00	22.34 -1.31 0.00	28.41 -1.60 0.00	24.48 -1.31 0.00	10.41 -0.54 0.00	5.62 -0.23 0.00	6.12 -0.20 0.00	4.46 -0.08 0.00	-1.44 0.04 0.00	-4.25 0.10 0.00	6.63 -0.20 0.00	16.74 -0.47 0.00	26.03 -0.81 0.00	25.71 -0.98 0.00	30.71 -1.27 0.00	32.35 -1.43 0.00	30.26 -1.26 0.00	29.96 -1.23 0.00	27.86 -1.24 0.00	26.28 -1.04 0.00
NEG CENTRAL___DRP 24199	32.11 -0.47 0.00	30.17 -0.47 -3.11	31.58 -0.51 -3.79	28.95 -0.50 -3.65	26.36 -0.45 -3.53	26.78 -0.42 -3.55	33.45 -0.44 -3.88	28.78 -0.42 -3.41	11.74 -0.23 -1.02	5.75 -0.10 0.00	6.22 -0.09 0.00	4.52 -0.02 0.00	-1.46 0.02 0.00	-4.32 0.03 0.00	6.71 -0.12 0.00	17.44 -0.28 -0.52	26.67 -0.17 0.00	26.54 -0.15 0.00	35.42 -0.22 -3.66	37.60 -0.27 -4.10	35.28 -0.22 -3.98	34.30 -0.22 -3.33	29.22 -0.36 -0.49	27.07 -0.25 0.00
NEG CENTRAL___INDECK 23768	32.01 -0.60 -0.02	60.53 -0.64 -33.65	68.50 -0.78 -40.97	64.53 -0.79 -39.53	60.74 -0.69 -38.15	61.32 -0.67 -38.34	71.34 -0.66 -41.99	62.13 -0.55 -36.90	21.63 -0.37 -11.05	5.74 -0.12 0.00	6.25 -0.07 0.00	4.59 0.05 0.00	-1.46 0.01 0.00	-4.35 0.00 0.00	6.68 -0.16 0.00	22.65 -0.18 -5.62	26.86 0.02 0.00	26.64 -0.05 0.00	71.40 -0.05 -39.46	77.80 -0.17 -44.30	74.41 -0.15 -43.04	67.09 -0.07 -35.98	34.11 -0.27 -5.28	27.23 -0.08 0.00
NEG CENTRAL___SENECA 23627	31.99 -0.60 0.00	31.90 -0.57 -4.95	33.69 -0.64 -6.02	30.97 -0.63 -5.81	28.35 -0.54 -5.61	28.78 -0.51 -5.64	35.65 -0.52 -6.17	30.74 -0.47 -5.42	12.31 -0.26 -1.62	5.75 -0.11 0.00	6.23 -0.09 0.00	4.54 0.00 0.00	-1.46 0.02 0.00	-4.33 0.02 0.00	6.71 -0.12 0.00	17.75 -0.29 -0.83	26.69 -0.15 0.00	26.57 -0.12 0.00	37.62 -0.17 -5.81	40.06 -0.23 -6.52	37.67 -0.17 -6.33	36.28 -0.20 -5.29	29.49 -0.37 -0.78	27.09 -0.23 0.00
NEG CENTRAL___STATE_STREET 24147	32.52 -0.06 0.00	27.33 -0.19 0.00	28.17 -0.13 0.00	25.67 -0.12 0.00	23.14 -0.14 0.00	23.55 -0.10 0.00	29.94 -0.07 0.00	25.66 -0.13 0.00	10.84 -0.11 0.00	5.78 -0.08 0.00	6.26 -0.06 0.00	4.51 -0.03 0.00	-1.46 0.01 0.00	-4.34 0.02 0.00	6.75 -0.09 0.00	17.00 -0.20 0.00	26.70 -0.13 0.00	26.64 -0.05 0.00	31.90 -0.09 0.00	33.69 -0.09 0.00	31.47 -0.04 0.00	31.21 0.02 0.00	28.92 -0.17 0.00	27.22 -0.09 0.00
NEG MILLWOOD___DRP 24198	34.36 1.78 0.00	29.02 1.49 0.00	29.73 1.42 0.00	27.12 1.33 0.00	24.54 1.26 0.00	25.01 1.35 0.00	31.75 1.74 0.00	27.35 1.57 0.00	11.64 0.70 0.00	6.24 0.39 0.00	6.74 0.42 0.00	4.84 0.30 0.00	-1.58 -0.10 0.00	-4.66 -0.30 0.00	7.36 0.52 0.00	18.54 1.33 0.00	29.00 2.16 0.00	28.88 2.20 0.00	34.77 2.79 0.00	36.71 2.93 0.00	34.32 2.80 0.00	33.97 2.78 0.00	31.51 2.42 0.00	29.52 2.20 0.00
NEG NORTH_FLCN_SEA 23793	32.42 -0.16 0.00	27.37 -0.15 0.00	28.14 -0.16 0.00	25.69 -0.10 0.00	23.19 -0.10 0.00	23.55 -0.11 0.00	29.97 -0.03 0.00	25.84 0.06 0.00	10.96 0.01 0.00	5.86 0.00 0.00	6.30 -0.01 0.00	4.54 0.00 0.00	-1.47 0.01 0.00	-4.35 0.00 0.00	6.87 0.03 0.00	17.29 0.08 0.00	26.83 0.00 0.00	26.69 0.01 0.00	31.86 -0.12 0.00	33.42 -0.35 0.00	30.53 -0.99 0.00	28.40 -1.63 1.15	25.46 -1.32 2.32	26.03 -0.97 0.33
NEG NORTH_KES_CHATEGAY 23792	32.11 -0.47 0.00	27.14 -0.38 0.00	27.95 -0.36 0.00	25.51 -0.28 0.00	23.02 -0.26 0.00	23.37 -0.28 0.00	29.70 -0.31 0.00	25.55 -0.23 0.00	10.86 -0.09 0.00	5.81 -0.05 0.00	6.24 -0.07 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.79 -0.04 0.00	17.09 -0.12 0.00	26.54 -0.30 0.00	26.39 -0.29 0.00	31.51 -0.47 0.00	33.18 -0.60 0.00	30.61 -0.91 0.00	28.51 -1.22 1.46	24.94 -1.26 2.89	25.77 -1.14 0.41
NEG NORTH___ALICE_FALLS 23915	32.41 -0.17 0.00	27.36 -0.16 0.00	28.13 -0.17 0.00	25.69 -0.10 0.00	23.19 -0.10 0.00	23.56 -0.09 0.00	29.97 -0.03 0.00	25.81 0.02 0.00	10.93 -0.02 0.00	5.84 -0.01 0.00	6.28 -0.03 0.00	4.52 -0.01 0.00	-1.46 0.01 0.00	-4.34 0.02 0.00	6.83 0.00 0.00	17.22 0.01 0.00	26.77 -0.07 0.00	26.66 -0.03 0.00	31.86 -0.13 0.00	33.50 -0.28 0.00	30.73 -0.79 0.00	28.70 -1.29 1.20	25.53 -1.16 2.41	26.04 -0.94 0.34
NEG NORTH___LWR_SARANAC 23913	32.41 -0.17 0.00	27.36 -0.16 0.00	28.13 -0.17 0.00	25.69 -0.10 0.00	23.19 -0.10 0.00	23.56 -0.09 0.00	29.97 -0.03 0.00	25.81 0.02 0.00	10.93 -0.02 0.00	5.84 -0.01 0.00	6.28 -0.03 0.00	4.52 -0.01 0.00	-1.46 0.01 0.00	-4.34 0.02 0.00	6.83 0.00 0.00	17.22 0.01 0.00	26.77 -0.07 0.00	26.66 -0.03 0.00	31.86 -0.13 0.00	33.50 -0.28 0.00	30.73 -0.79 0.00	28.70 -1.29 1.20	25.53 -1.16 2.41	26.04 -0.94 0.34
NEG NORTH___PLATTSBURG 23628	32.41 -0.17 0.00	27.37 -0.15 0.00	28.13 -0.17 0.00	25.69 -0.10 0.00	23.19 -0.09 0.00	23.56 -0.09 0.00	29.97 -0.03 0.00	25.81 0.02 0.00	10.93 -0.02 0.00	5.84 -0.01 0.00	6.28 -0.03 0.00	4.53 -0.01 0.00	-1.46 0.01 0.00	-4.34 0.02 0.00	6.83 0.00 0.00	17.22 0.01 0.00	26.77 -0.07 0.00	26.66 -0.03 0.00	31.85 -0.13 0.00	33.50 -0.28 0.00	30.73 -0.79 0.00	28.70 -1.29 1.20	25.52 -1.16 2.41	26.04 -0.94 0.34
NEG WEST_LEA_LOCKPORT 23791	29.58 -3.00 0.01	15.88 -2.73 8.91	14.51 -2.95 10.84	12.58 -2.74 10.46	10.81 -2.38 10.10	11.19 -2.32 10.15	16.08 -2.81 11.12	13.94 -2.08 9.77	7.26 -0.76 2.93	5.60 -0.25 0.00	6.19 -0.13 0.00	4.60 0.06 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.60 -0.23 0.00	15.08 -0.64 1.49	25.28 -1.55 0.00	24.70 -1.99 0.00	19.19 -2.36 10.42	19.36 -2.71 11.71	17.79 -2.35 11.37	19.47 -2.21 9.50	25.59 -2.10 1.40	25.66 -1.66 0.00
NEG WEST___LANCASTR 23811	29.74 -2.83 0.01	15.91 -2.50 9.12	14.53 -2.69 11.09	12.58 -2.51 10.70	10.77 -2.18 10.33	11.15 -2.12 10.38	16.14 -2.49 11.37	13.95 -1.84 10.00	7.26 -0.69 2.99	5.64 -0.21 0.00	6.21 -0.11 0.00	4.60 0.06 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.63 -0.20 0.00	15.12 -0.56 1.52	25.51 -1.33 0.00	24.97 -1.72 0.00	19.32 -1.99 10.68	19.57 -2.21 11.99	17.92 -1.95 11.65	19.54 -1.91 9.73	25.74 -1.92 1.43	25.81 -1.50 0.00

NEG_PENN_ALLEGHNY 23528	32.37 -0.22 0.00	27.32 -0.20 0.00	28.08 -0.23 0.00	25.54 -0.25 0.00	23.09 -0.20 0.00	23.49 -0.16 0.00	29.89 -0.12 0.00	25.68 -0.11 0.00	10.88 -0.07 0.00	5.85 0.00 0.00	6.33 0.01 0.00	4.58 0.04 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.84 0.00 0.00	17.18 -0.03 0.00	26.78 -0.06 0.00	26.70 0.02 0.00	32.11 0.13 0.00	33.92 0.14 0.00	31.70 0.19 0.00	31.33 0.14 0.00	29.08 -0.02 0.00	27.37 0.05 0.00
NEG___GEN_MONROE 24207	31.28 -1.30 0.00	26.24 -1.28 0.00	26.90 -1.41 0.00	24.46 -1.33 0.00	22.13 -1.15 0.00	22.55 -1.10 0.00	28.68 -1.33 0.00	24.75 -1.03 0.00	10.53 -0.42 0.00	5.71 -0.14 0.00	6.24 -0.08 0.00	4.58 0.04 0.00	-1.47 0.00 0.00	-4.36 0.00 0.00	6.76 -0.07 0.00	17.15 -0.06 0.00	26.49 -0.35 0.00	26.06 -0.63 0.00	31.11 -0.88 0.00	32.74 -1.04 0.00	30.69 -0.83 0.00	30.42 -0.76 0.00	28.31 -0.78 0.00	26.75 -0.57 0.00
NEPA___ENERGY 23901	30.42 -2.15 0.01	15.53 -2.00 9.99	13.97 -2.18 12.16	12.02 -2.04 11.73	10.25 -1.72 11.32	10.64 -1.64 11.38	15.76 -1.78 12.46	13.56 -1.27 10.95	7.18 -0.49 3.28	5.78 -0.07 0.00	6.34 0.02 0.00	4.70 0.16 0.00	-1.50 -0.02 0.00	-4.44 -0.09 0.00	6.79 -0.05 0.00	15.39 -0.16 1.66	26.02 -0.82 0.00	25.35 -1.33 0.00	18.79 -1.55 11.64	19.08 -1.62 13.08	17.47 -1.34 12.70	19.18 -1.39 10.62	26.06 -1.47 1.56	26.22 -1.10 0.00
NEVERSINK___HYD 23608	34.19 1.61 0.00	28.83 1.31 0.00	29.55 1.24 0.00	26.94 1.16 0.00	24.39 1.11 0.00	24.86 1.21 0.00	31.54 1.54 0.00	27.14 1.36 0.00	11.53 0.58 0.00	6.16 0.31 0.00	6.63 0.32 0.00	4.74 0.20 0.00	-1.50 -0.03 0.00	-4.44 -0.09 0.00	7.03 0.20 0.00	17.71 0.50 0.00	27.75 0.92 0.00	27.71 1.03 0.00	33.49 1.50 0.00	35.56 1.78 0.00	34.10 2.58 0.00	33.76 2.57 0.00	31.28 2.19 0.00	29.28 1.96 0.00
NEWKRMKL_115KV_TB1 55635	33.49 0.91 0.00	28.29 0.77 0.00	29.07 0.76 0.00	26.47 0.68 0.00	23.93 0.64 0.00	24.30 0.64 0.00	30.62 0.62 0.00	26.27 0.48 0.00	11.12 0.17 0.00	5.91 0.06 0.00	6.36 0.05 0.00	4.56 0.01 0.00	-1.48 -0.01 0.00	-4.38 -0.03 0.00	6.91 0.08 0.00	17.43 0.22 0.00	27.26 0.43 0.00	27.21 0.53 0.00	32.72 0.73 0.00	34.58 0.80 0.00	32.34 0.82 0.00	32.05 0.86 0.00	30.00 0.90 0.00	28.33 1.01 0.00
NEWTON___FALLS_HYD 23847	31.05 -1.53 0.00	26.22 -1.31 0.00	27.18 -1.13 0.00	24.93 -0.86 0.00	22.50 -0.78 0.00	22.80 -0.86 0.00	29.04 -0.97 0.00	24.88 -0.90 0.00	10.47 -0.48 0.00	5.56 -0.29 0.00	5.99 -0.32 0.00	4.27 -0.27 0.00	-1.39 0.08 0.00	-4.07 0.28 0.00	6.39 -0.44 0.00	16.31 -0.90 0.00	25.64 -1.20 0.00	25.63 -1.06 0.00	30.47 -1.51 0.00	32.25 -1.52 0.00	29.94 -1.58 0.00	20.30 -1.76 9.13	9.91 -1.80 17.38	23.17 -1.70 2.45
NGRID_A1_DSASP 323792	29.32 -3.26 0.01	15.66 -2.93 8.93	14.29 -3.15 10.87	12.39 -2.91 10.49	10.62 -2.54 10.12	11.00 -2.48 10.17	15.85 -3.02 11.14	13.75 -2.25 9.79	7.21 -0.81 2.93	5.59 -0.26 0.00	6.17 -0.14 0.00	4.59 0.05 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.26 0.00	14.99 -0.73 1.49	25.12 -1.71 0.00	24.54 -2.14 0.00	18.80 -2.66 10.52	19.01 -2.95 11.82	17.41 -2.62 11.48	19.11 -2.49 9.59	25.40 -2.30 1.40	25.49 -1.82 0.00
NGRID_A2_DSASP 323793	29.32 -3.26 0.01	15.66 -2.93 8.93	14.29 -3.15 10.87	12.39 -2.91 10.49	10.62 -2.54 10.12	11.00 -2.48 10.17	15.85 -3.02 11.14	13.75 -2.25 9.79	7.21 -0.81 2.93	5.59 -0.26 0.00	6.17 -0.14 0.00	4.59 0.05 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.26 0.00	14.99 -0.73 1.49	25.12 -1.71 0.00	24.54 -2.14 0.00	18.80 -2.66 10.52	19.01 -2.95 11.82	17.41 -2.62 11.48	19.11 -2.49 9.59	25.40 -2.30 1.40	25.49 -1.82 0.00
NGRID_A4_DSASP 323807	29.32 -3.26 0.01	15.66 -2.93 8.93	14.29 -3.15 10.87	12.39 -2.91 10.49	10.62 -2.54 10.12	11.00 -2.48 10.17	15.85 -3.02 11.14	13.75 -2.25 9.79	7.21 -0.81 2.93	5.59 -0.26 0.00	6.17 -0.14 0.00	4.59 0.05 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.26 0.00	14.99 -0.73 1.49	25.12 -1.71 0.00	24.54 -2.14 0.00	18.80 -2.66 10.52	19.01 -2.95 11.82	17.41 -2.62 11.48	19.11 -2.49 9.59	25.40 -2.30 1.40	25.49 -1.82 0.00
NIAGARA_115E_LBMP 323715	29.12 -3.46 0.01	15.48 -3.03 9.01	14.09 -3.25 10.97	12.19 -3.01 10.59	10.44 -2.62 10.22	10.82 -2.56 10.27	15.66 -3.10 11.25	13.59 -2.31 9.89	7.13 -0.86 2.96	5.54 -0.31 0.00	6.13 -0.19 0.00	4.57 0.02 0.00	-1.48 0.00 0.00	-4.35 0.00 0.00	6.53 -0.31 0.00	14.81 -0.89 1.50	24.82 -2.02 0.00	24.24 -2.45 0.00	18.75 -2.68 10.55	18.78 -3.15 11.85	17.24 -2.76 11.51	18.93 -2.64 9.62	25.12 -2.56 1.41	25.23 -2.09 0.00
NIAGARA_115W_LBMP 323714	29.25 -3.32 0.01	15.66 -2.94 8.92	14.28 -3.17 10.86	12.38 -2.93 10.48	10.61 -2.56 10.11	11.00 -2.49 10.17	15.86 -3.01 11.13	13.75 -2.25 9.78	7.20 -0.82 2.93	5.58 -0.27 0.00	6.16 -0.15 0.00	4.58 0.04 0.00	-1.47 0.00 0.00	-4.35 0.00 0.00	6.57 -0.27 0.00	14.97 -0.75 1.49	25.06 -1.77 0.00	24.48 -2.20 0.00	18.81 -2.66 10.51	18.99 -2.98 11.81	17.39 -2.66 11.47	19.08 -2.53 9.58	25.34 -2.35 1.40	25.45 -1.87 0.00
NIAGARA_230_LBMP 323716	29.37 -3.21 0.01	15.75 -2.92 8.85	14.37 -3.17 10.78	12.46 -2.93 10.40	10.69 -2.56 10.03	11.08 -2.49 10.08	15.94 -3.02 11.05	13.83 -2.25 9.71	7.22 -0.82 2.91	5.58 -0.27 0.00	6.17 -0.15 0.00	4.58 0.04 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.27 0.00	14.98 -0.75 1.48	25.14 -1.69 0.00	24.58 -2.10 0.00	19.09 -2.53 10.36	19.29 -2.86 11.63	17.68 -2.53 11.30	19.32 -2.43 9.44	25.43 -2.28 1.39	25.54 -1.78 0.00
NIAGARA___115KV_198_GIBSON 55903	29.25 -3.33 0.01	15.63 -2.97 8.92	14.26 -3.19 10.86	12.36 -2.95 10.48	10.60 -2.57 10.11	10.98 -2.51 10.17	15.81 -3.06 11.13	13.73 -2.28 9.78	7.20 -0.82 2.93	5.58 -0.27 0.00	6.16 -0.15 0.00	4.58 0.04 0.00	-1.48 0.00 0.00	-4.35 0.00 0.00	6.57 -0.27 0.00	14.97 -0.75 1.49	25.07 -1.77 0.00	24.48 -2.20 0.00	18.73 -2.74 10.51	18.94 -3.03 11.81	17.35 -2.69 11.47	19.05 -2.56 9.58	25.34 -2.35 1.40	25.44 -1.88 0.00
NIAGARA____ 23760	29.37 -3.21 0.01	15.72 -2.92 8.88	14.33 -3.17 10.81	12.43 -2.93 10.43	10.66 -2.56 10.07	11.04 -2.49 10.12	15.91 -3.02 11.08	13.79 -2.25 9.74	7.21 -0.82 2.92	5.58 -0.27 0.00	6.17 -0.15 0.00	4.58 0.04 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.27 0.00	14.97 -0.75 1.48	25.14 -1.69 0.00	24.58 -2.10 0.00	19.04 -2.53 10.41	19.21 -2.86 11.70	17.61 -2.53 11.37	19.26 -2.43 9.50	25.42 -2.28 1.39	25.54 -1.78 0.00
NINE_MILE_1 23575	31.66 -0.93 0.00	26.71 -0.81 0.00	27.48 -0.83 0.00	25.02 -0.77 0.00	22.55 -0.73 0.00	22.91 -0.74 0.00	29.08 -0.93 0.00	24.97 -0.81 0.00	10.60 -0.35 0.00	5.67 -0.18 0.00	6.13 -0.18 0.00	4.42 -0.12 0.00	-1.43 0.04 0.00	-4.24 0.12 0.00	6.64 -0.20 0.00	16.71 -0.50 0.00	26.02 -0.82 0.00	25.82 -0.86 0.00	30.88 -1.11 0.00	32.58 -1.19 0.00	30.44 -1.07 0.00	30.13 -1.05 0.00	28.08 -1.01 0.00	26.44 -0.88 0.00

NINE_MILE_2 23744	31.66 -0.92 0.00	26.72 -0.80 0.00	27.48 -0.83 0.00	25.02 -0.77 0.00	22.56 -0.72 0.00	22.92 -0.73 0.00	29.08 -0.92 0.00	24.98 -0.81 0.00	10.60 -0.35 0.00	5.67 -0.18 0.00	6.13 -0.18 0.00	4.42 -0.12 0.00	-1.43 0.04 0.00	-4.24 0.12 0.00	6.64 -0.19 0.00	16.71 -0.50 0.00	26.02 -0.81 0.00	25.82 -0.86 0.00	30.88 -1.11 0.00	32.58 -1.19 0.00	30.44 -1.07 0.00	30.13 -1.05 0.00	28.09 -1.00 0.00	26.44 -0.87 0.00
NM_CAPITAL___DRP 24208	33.53 0.95 0.00	28.33 0.81 0.00	29.11 0.81 0.00	26.50 0.72 0.00	23.96 0.68 0.00	24.33 0.68 0.00	30.69 0.68 0.00	26.32 0.53 0.00	11.14 0.20 0.00	5.92 0.06 0.00	6.38 0.06 0.00	4.56 0.02 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.92 0.09 0.00	17.46 0.25 0.00	27.29 0.45 0.00	27.23 0.54 0.00	32.74 0.76 0.00	34.62 0.84 0.00	32.39 0.87 0.00	32.09 0.90 0.00	30.03 0.94 0.00	28.34 1.02 0.00
NM_CENTRAL___DRP 24181	32.14 -0.45 0.00	27.10 -0.41 0.00	27.88 -0.43 0.00	25.37 -0.42 0.00	22.89 -0.39 0.00	23.26 -0.39 0.00	29.53 -0.47 0.00	25.36 -0.43 0.00	10.74 -0.20 0.00	5.76 -0.10 0.00	6.22 -0.10 0.00	4.49 -0.05 0.00	-1.45 0.02 0.00	-4.30 0.06 0.00	6.73 -0.10 0.00	16.96 -0.24 0.00	26.49 -0.35 0.00	26.36 -0.32 0.00	31.53 -0.45 0.00	33.28 -0.50 0.00	31.09 -0.43 0.00	30.76 -0.43 0.00	28.62 -0.47 0.00	26.94 -0.38 0.00
NM_FRONTIER___DRP 24179	29.25 -3.33 0.01	15.63 -2.97 8.92	14.26 -3.19 10.86	12.36 -2.95 10.48	10.60 -2.57 10.11	10.98 -2.51 10.17	15.81 -3.06 11.13	13.73 -2.28 9.78	7.20 -0.82 2.93	5.58 -0.27 0.00	6.16 -0.15 0.00	4.58 0.04 0.00	-1.48 0.00 0.00	-4.35 0.00 0.00	6.57 -0.27 0.00	14.97 -0.75 1.49	25.07 -1.77 0.00	24.48 -2.20 0.00	18.73 -2.74 10.51	18.94 -3.03 11.81	17.35 -2.69 11.47	19.05 -2.56 9.58	25.34 -2.35 1.40	25.44 -1.88 0.00
NM_ST_REGIS___HYD 24053	31.85 -0.73 0.00	26.95 -0.57 0.00	27.81 -0.50 0.00	25.38 -0.41 0.00	22.93 -0.35 0.00	23.30 -0.35 0.00	29.61 -0.39 0.00	25.39 -0.40 0.00	10.76 -0.19 0.00	5.74 -0.11 0.00	6.17 -0.14 0.00	4.43 -0.11 0.00	-1.44 0.04 0.00	-4.24 0.11 0.00	6.62 -0.21 0.00	16.78 -0.43 0.00	26.11 -0.72 0.00	26.02 -0.66 0.00	31.03 -0.96 0.00	32.77 -1.01 0.00	30.35 -1.17 0.00	25.60 -1.38 4.21	19.50 -1.49 8.10	24.82 -1.35 1.14
NORTHPORT___1 23551	47.64 2.08 -12.98	29.33 1.80 -0.01	30.02 1.71 0.00	27.39 1.60 0.00	24.79 1.51 0.00	25.35 1.70 0.00	32.26 2.25 -0.01	27.71 1.93 0.00	11.78 0.83 0.00	6.33 0.47 0.00	6.82 0.50 0.00	4.91 0.37 0.00	-1.60 -0.13 0.00	-4.72 -0.36 0.00	12.51 0.62 -5.06	26.37 1.57 -7.59	40.86 2.36 -11.66	47.97 2.24 -19.05	51.28 2.64 -16.66	36.33 2.56 0.00	34.01 2.49 0.00	34.71 2.57 -0.96	36.81 2.39 -5.33	36.67 2.30 -7.05
NORTHPORT___2 23552	47.64 2.08 -12.98	29.33 1.80 -0.01	30.02 1.71 0.00	27.39 1.60 0.00	24.79 1.51 0.00	25.35 1.70 0.00	32.26 2.25 -0.01	27.71 1.93 0.00	11.78 0.83 0.00	6.33 0.47 0.00	6.82 0.50 0.00	4.91 0.37 0.00	-1.60 -0.13 0.00	-4.72 -0.36 0.00	12.51 0.62 -5.06	26.37 1.57 -7.59	40.86 2.36 -11.66	47.97 2.24 -19.05	51.28 2.64 -16.66	36.33 2.56 0.00	34.01 2.49 0.00	34.71 2.57 -0.96	36.81 2.39 -5.33	36.67 2.30 -7.05
NORTHPORT___3 23553	34.76 2.04 -0.13	26.77 1.76 2.51	28.56 1.66 1.41	25.84 1.56 1.51	23.28 1.47 1.48	25.31 1.65 0.00	32.20 2.19 -0.01	27.66 1.88 0.00	11.76 0.82 0.00	6.32 0.47 0.00	6.81 0.50 0.00	4.90 0.36 0.00	-1.60 -0.12 0.00	-4.72 -0.36 0.00	12.50 0.62 -5.04	26.33 1.55 -7.57	40.80 2.33 -11.63	47.88 2.20 -19.00	51.20 2.60 -16.61	36.30 2.53 0.00	33.99 2.47 0.00	34.68 2.53 -0.96	36.77 2.36 -5.31	36.64 2.28 -7.04
NORTHPORT___4 23650	34.76 2.04 -0.13	26.77 1.76 2.51	28.56 1.66 1.41	25.84 1.56 1.51	23.28 1.47 1.48	25.31 1.65 0.00	32.20 2.19 -0.01	27.66 1.88 0.00	11.76 0.82 0.00	6.32 0.47 0.00	6.81 0.50 0.00	4.90 0.36 0.00	-1.60 -0.12 0.00	-4.72 -0.36 0.00	12.50 0.62 -5.04	26.33 1.55 -7.57	40.80 2.33 -11.63	47.88 2.20 -19.00	51.20 2.60 -16.61	36.30 2.53 0.00	33.99 2.47 0.00	34.68 2.53 -0.96	36.77 2.36 -5.31	36.64 2.28 -7.04
NORTHPORT___IC 23718	47.64 2.08 -12.98	29.34 1.81 -0.01	30.02 1.71 0.00	27.39 1.60 0.00	24.79 1.51 0.00	25.36 1.70 0.00	32.28 2.26 -0.01	27.72 1.93 0.00	11.78 0.83 0.00	6.33 0.47 0.00	6.82 0.50 0.00	4.91 0.37 0.00	-1.60 -0.13 0.00	-4.72 -0.36 0.00	12.51 0.62 -5.06	26.36 1.57 -7.59	40.86 2.36 -11.66	47.97 2.24 -19.05	51.29 2.65 -16.66	36.33 2.56 0.00	34.02 2.50 0.00	34.72 2.58 -0.96	36.81 2.39 -5.33	36.68 2.30 -7.05
NORTH___COUNTRY_ESR 323785	32.08 -0.51 0.00	27.11 -0.42 0.00	27.91 -0.40 0.00	25.48 -0.31 0.00	22.99 -0.29 0.00	23.34 -0.31 0.00	29.66 -0.34 0.00	25.55 -0.24 0.00	10.86 -0.09 0.00	5.81 -0.05 0.00	6.24 -0.07 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.79 -0.04 0.00	17.09 -0.12 0.00	26.53 -0.30 0.00	26.39 -0.29 0.00	31.47 -0.52 0.00	33.13 -0.64 0.00	30.55 -0.96 0.00	28.45 -1.27 1.46	24.88 -1.31 2.91	25.73 -1.18 0.41
NPX_GEN_1385_PROXY 323591	47.64 2.08 -12.98	29.33 1.80 -0.01	30.02 1.71 0.00	27.39 1.60 0.00	24.79 1.51 0.00	24.49 1.70 0.86	30.30 2.25 1.95	27.61 1.93 0.11	11.78 0.83 0.00	6.33 0.47 0.00	6.82 0.50 0.00	4.91 0.37 0.00	-1.60 -0.13 0.00	-4.72 -0.36 0.00	12.51 0.62 -5.06	26.37 1.57 -7.59	40.86 2.36 -11.66	47.19 2.24 -18.27	49.92 2.64 -15.30	36.33 2.56 0.00	34.01 2.49 0.00	34.71 2.57 -0.96	36.81 2.39 -5.33	37.85 2.30 -8.24
NPX_GEN_CSC 323557	363.80 2.94 -328.28	91.97 2.43 -62.02	65.42 2.42 -34.70	65.23 2.24 -37.21	61.73 2.07 -36.37	25.06 2.26 0.86	31.07 3.01 1.95	28.20 2.52 0.11	11.99 1.04 0.00	6.39 0.53 0.00	6.87 0.55 0.00	4.96 0.42 0.00	-1.62 -0.14 0.00	-4.78 -0.42 0.00	12.62 0.69 -5.09	26.61 1.76 -7.64	41.33 2.75 -11.74	47.81 2.73 -18.40	50.74 3.34 -15.42	36.74 2.97 0.00	34.41 2.90 0.00	34.94 2.79 -0.97	36.88 2.42 -5.36	37.87 2.26 -8.29
NSINS_S___GLNS_FALLS 23858	34.27 1.69 0.00	28.97 1.45 0.00	29.77 1.46 0.00	27.05 1.26 0.00	24.48 1.20 0.00	24.90 1.24 0.00	31.60 1.59 0.00	26.99 1.21 0.00	11.36 0.41 0.00	5.99 0.14 0.00	6.45 0.13 0.00	4.61 0.07 0.00	-1.50 -0.02 0.00	-4.44 -0.09 0.00	7.02 0.18 0.00	17.71 0.50 0.00	27.72 0.88 0.00	27.85 1.16 0.00	34.02 2.03 0.00	36.18 2.41 0.00	33.87 2.36 0.00	33.46 2.28 0.00	31.04 1.94 0.00	29.09 1.77 0.00
NUCOR_STEEL___DRP 24197	32.52 -0.06 0.00	27.33 -0.20 0.00	28.18 -0.13 0.00	25.68 -0.11 0.00	23.15 -0.14 0.00	23.57 -0.08 0.00	29.94 -0.07 0.00	25.66 -0.13 0.00	10.84 -0.10 0.00	5.78 -0.07 0.00	6.26 -0.06 0.00	4.51 -0.03 0.00	-1.46 0.01 0.00	-4.34 0.02 0.00	6.75 -0.08 0.00	17.01 -0.20 0.00	26.68 -0.16 0.00	26.61 -0.07 0.00	31.87 -0.12 0.00	33.65 -0.13 0.00	31.44 -0.07 0.00	31.18 0.00 0.00	28.91 -0.18 0.00	27.20 -0.12 0.00

NUMBER_THREE_WT_PWR 323818	30.90 -1.68 0.00	26.01 -1.51 0.00	27.12 -1.19 0.00	25.03 -0.76 0.00	22.59 -0.70 0.00	22.79 -0.87 0.00	29.13 -0.88 0.00	24.99 -0.79 0.00	10.45 -0.50 0.00	5.53 -0.32 0.00	5.97 -0.35 0.00	4.22 -0.31 0.00	-1.38 0.10 0.00	-4.01 0.34 0.00	6.35 -0.49 0.00	16.28 -0.93 0.00	25.79 -1.04 0.00	25.83 -0.85 0.00	30.69 -1.29 0.00	32.56 -1.22 0.00	30.22 -1.30 0.00	12.48 -1.53 17.17	-5.05 -1.55 32.59	21.22 -1.52 4.59
NYISO_LBMP_REFERENCE 24008	32.58 0.00 0.00	27.52 0.00 0.00	28.31 0.00 0.00	25.79 0.00 0.00	23.28 0.00 0.00	23.65 0.00 0.00	30.00 0.00 0.00	25.79 0.00 0.00	10.95 0.00 0.00	5.85 0.00 0.00	6.31 0.00 0.00	4.54 0.00 0.00	-1.47 0.00 0.00	-4.35 0.00 0.00	6.83 0.00 0.00	17.21 0.00 0.00	26.84 0.00 0.00	26.68 0.00 0.00	31.98 0.00 0.00	33.78 0.00 0.00	31.52 0.00 0.00	31.19 0.00 0.00	29.09 0.00 0.00	27.32 0.00 0.00
NYPA_BRENTWD____GT 24164	110.76 2.49 -75.69	41.90 2.10 -12.27	37.19 2.02 -6.86	35.03 1.88 -7.36	32.24 1.76 -7.19	25.59 1.94 0.00	32.58 2.56 -0.01	27.98 2.20 0.00	11.89 0.94 0.00	6.38 0.52 0.00	6.87 0.56 0.00	4.95 0.40 0.00	-1.61 -0.14 0.00	-4.75 -0.40 0.00	12.71 0.68 -5.20	26.73 1.72 -7.80	41.47 2.65 -11.99	48.86 2.59 -19.58	52.24 3.13 -17.13	36.86 3.09 0.00	34.51 3.00 0.00	35.20 3.03 -0.99	37.33 2.76 -5.47	37.18 2.61 -7.26
NYPA_GOWANUS____GT5 24156	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NYPA_GOWANUS____GT6 24157	34.57 1.99 0.00	29.21 1.68 0.00	29.90 1.59 0.00	27.28 1.49 0.00	24.71 1.42 0.00	25.18 1.53 0.00	31.95 1.94 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.30 2.61 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.69 0.00	29.75 2.43 0.00
NYPA_HARLEM__RVR__GT1 24160	34.22 1.64 0.00	28.97 1.45 0.00	29.65 1.34 0.00	27.05 1.26 0.00	24.50 1.21 0.00	24.96 1.30 0.00	31.65 1.65 0.00	27.33 1.54 -0.01	11.65 0.70 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.01	7.42 0.59 0.00	18.70 1.49 0.00	29.19 2.35 0.00	29.04 2.35 -0.01	34.76 2.79 0.01	36.65 2.88 0.01	34.25 2.74 0.00	33.88 2.70 0.00	31.44 2.35 0.00	29.45 2.13 0.00
NYPA_HARLEM__RVR__GT2 24161	34.22 1.64 0.00	28.97 1.45 0.00	29.65 1.34 0.00	27.05 1.26 0.00	24.50 1.21 0.00	24.96 1.30 0.00	31.65 1.65 0.00	27.33 1.54 -0.01	11.65 0.70 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.01	7.42 0.59 0.00	18.70 1.49 0.00	29.19 2.35 0.00	29.04 2.35 -0.01	34.76 2.79 0.01	36.65 2.88 0.01	34.25 2.74 0.00	33.88 2.70 0.00	31.44 2.35 0.00	29.45 2.13 0.00
NYPA_KENT____GT 24152	34.50 1.91 0.00	29.15 1.63 0.00	29.85 1.54 0.00	27.24 1.45 0.00	24.67 1.39 0.00	25.14 1.49 0.00	31.90 1.89 0.00	27.56 1.76 -0.01	11.75 0.79 -0.01	6.32 0.47 0.00	6.83 0.51 0.00	4.92 0.37 0.00	-1.60 -0.13 0.00	-4.74 -0.38 0.00	7.48 0.64 0.00	18.83 1.63 0.00	29.40 2.56 0.00	29.25 2.56 -0.01	35.08 3.09 0.00	37.00 3.22 0.00	34.58 3.06 0.00	34.20 3.02 0.00	31.71 2.62 0.00	29.69 2.37 0.00
NYPA_POUCH1____GT 24155	34.57 1.99 0.00	29.20 1.68 0.00	29.89 1.58 0.00	27.27 1.48 0.00	24.69 1.41 0.00	25.17 1.51 0.00	31.94 1.93 0.00	27.59 1.80 -0.01	11.75 0.80 -0.01	6.33 0.47 0.00	6.83 0.52 0.00	4.92 0.38 0.00	-1.60 -0.13 0.00	-4.74 -0.38 0.00	7.48 0.65 0.00	18.84 1.63 0.00	29.41 2.57 0.00	29.27 2.58 -0.01	35.10 3.12 0.00	37.05 3.27 0.00	34.62 3.11 0.00	34.26 3.08 0.00	31.77 2.67 0.00	29.73 2.42 0.00
NYPA_VERNON____GT2 24162	34.41 1.83 0.00	29.11 1.58 0.00	29.80 1.49 0.00	27.20 1.41 0.00	24.64 1.35 0.00	25.11 1.45 0.00	31.85 1.84 0.00	27.52 1.72 -0.01	11.73 0.78 -0.01	6.31 0.46 0.00	6.82 0.50 0.00	4.91 0.37 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	7.47 0.63 0.00	18.80 1.59 0.00	29.35 2.51 0.00	29.20 2.51 -0.01	35.01 3.03 0.00	36.92 3.15 0.00	34.49 2.98 0.00	34.13 2.94 0.00	31.64 2.55 0.00	29.63 2.31 0.00
NYPA_VERNON____GT3 24163	34.41 1.83 0.00	29.11 1.58 0.00	29.80 1.49 0.00	27.20 1.41 0.00	24.64 1.35 0.00	25.11 1.45 0.00	31.85 1.84 0.00	27.52 1.72 -0.01	11.73 0.78 -0.01	6.31 0.46 0.00	6.82 0.50 0.00	4.91 0.37 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	7.47 0.63 0.00	18.80 1.59 0.00	29.35 2.51 0.00	29.20 2.51 -0.01	35.01 3.03 0.00	36.92 3.15 0.00	34.49 2.98 0.00	34.13 2.94 0.00	31.64 2.55 0.00	29.63 2.31 0.00
NYPA__ASTORIA_CC1 323568	34.37 1.79 0.00	29.07 1.55 0.00	29.77 1.46 0.00	27.18 1.39 0.00	24.62 1.34 0.00	25.09 1.44 0.00	31.83 1.82 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.63 0.00	18.79 1.58 0.00	29.33 2.49 0.00	29.18 2.49 -0.01	34.98 2.99 0.00	36.87 3.10 0.00	34.45 2.94 0.00	34.09 2.90 0.00	31.61 2.51 0.00	29.60 2.28 0.00
NYPA__ASTORIA_CC2 323569	34.37 1.79 0.00	29.07 1.55 0.00	29.77 1.46 0.00	27.18 1.39 0.00	24.62 1.34 0.00	25.09 1.44 0.00	31.83 1.82 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.46 0.00	6.81 0.50 0.00	4.91 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.63 0.00	18.79 1.58 0.00	29.33 2.49 0.00	29.18 2.49 -0.01	34.98 2.99 0.00	36.87 3.10 0.00	34.45 2.94 0.00	34.09 2.90 0.00	31.61 2.51 0.00	29.60 2.28 0.00
NYPA__HOLTSVILL 23794	354.98 2.45 -319.95	89.98 2.07 -60.38	64.09 2.00 -33.78	63.87 1.86 -36.23	60.45 1.75 -35.42	25.58 1.92 0.00	32.58 2.56 -0.01	27.97 2.19 0.00	11.87 0.93 0.00	6.37 0.51 0.00	6.85 0.54 0.00	4.94 0.40 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	12.58 0.66 -5.09	26.51 1.67 -7.63	41.16 2.59 -11.73	48.39 2.55 -19.16	51.82 3.09 -16.75	36.73 2.95 0.00	34.39 2.87 0.00	35.03 2.87 -0.97	37.06 2.61 -5.36	36.86 2.45 -7.10
NYPA__HELLGATE_GT1 24158	34.22 1.64 0.00	28.97 1.45 0.00	29.65 1.34 0.00	27.05 1.26 0.00	24.50 1.21 0.00	24.96 1.30 0.00	31.65 1.65 0.00	27.33 1.54 -0.01	11.65 0.70 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.01	7.42 0.59 0.00	18.70 1.49 0.00	29.19 2.35 0.00	29.04 2.35 -0.01	34.76 2.79 0.01	36.65 2.88 0.01	34.25 2.74 0.00	33.88 2.70 0.00	31.44 2.35 0.00	29.45 2.13 0.00

NYPA_____HELLGATE_GT2 24159	34.22 1.64 0.00	28.97 1.45 0.00	29.65 1.34 0.00	27.05 1.26 0.00	24.50 1.21 0.00	24.96 1.30 0.00	31.65 1.65 0.00	27.33 1.54 -0.01	11.65 0.70 -0.01	6.27 0.42 0.00	6.78 0.46 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.01	7.42 0.59 0.00	18.70 1.49 0.00	29.19 2.35 0.00	29.04 2.35 -0.01	34.76 2.79 0.01	36.65 2.88 0.01	34.25 2.74 0.00	33.88 2.70 0.00	31.44 2.35 0.00	29.45 2.13 0.00
NYS_BARGE___HYD 23848	29.61 -2.96 0.01	16.56 -2.65 8.30	15.33 -2.87 10.11	13.36 -2.67 9.76	11.55 -2.32 9.42	11.94 -2.25 9.46	16.95 -2.70 10.36	14.68 -2.00 9.11	7.47 -0.75 2.73	5.60 -0.25 0.00	6.19 -0.13 0.00	4.60 0.06 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.61 -0.22 0.00	15.20 -0.62 1.39	25.29 -1.55 0.00	24.70 -1.98 0.00	20.04 -2.22 9.72	20.24 -2.62 10.91	18.65 -2.26 10.60	20.19 -2.13 8.86	25.71 -2.08 1.30	25.67 -1.65 0.00
OAK ORCHARD___HYD 24046	31.26 -1.32 0.00	26.25 -1.27 0.00	26.91 -1.40 0.00	24.48 -1.31 0.00	22.14 -1.15 0.00	22.55 -1.11 0.00	28.68 -1.33 0.00	24.76 -1.03 0.00	10.54 -0.40 0.00	5.72 -0.13 0.00	6.24 -0.07 0.00	4.57 0.02 0.00	-1.47 0.00 0.00	-4.35 0.00 0.00	6.76 -0.07 0.00	17.08 -0.13 0.00	26.41 -0.43 0.00	26.01 -0.67 0.00	31.07 -0.91 0.00	32.72 -1.06 0.00	30.64 -0.87 0.00	30.36 -0.82 0.00	28.24 -0.85 0.00	26.69 -0.63 0.00
OAKDALE___35_KV_LOAD 356122	32.34 -0.24 0.00	27.30 -0.22 0.00	28.06 -0.25 0.00	25.53 -0.25 0.00	23.08 -0.21 0.00	23.47 -0.18 0.00	29.87 -0.14 0.00	25.67 -0.11 0.00	10.88 -0.07 0.00	5.86 0.01 0.00	6.33 0.02 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.39 -0.04 0.00	6.85 0.02 0.00	17.20 -0.01 0.00	26.78 -0.06 0.00	26.67 -0.01 0.00	32.06 0.07 0.00	33.86 0.09 0.00	31.66 0.15 0.00	31.29 0.11 0.00	29.04 -0.05 0.00	27.35 0.03 0.00
OCC_CHEM___DRP 24175	29.32 -3.26 0.01	15.66 -2.93 8.93	14.29 -3.15 10.87	12.39 -2.91 10.49	10.62 -2.54 10.12	11.00 -2.48 10.17	15.85 -3.02 11.14	13.75 -2.25 9.79	7.21 -0.81 2.93	5.59 -0.26 0.00	6.17 -0.14 0.00	4.59 0.05 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.26 0.00	14.99 -0.73 1.49	25.12 -1.71 0.00	24.54 -2.14 0.00	18.80 -2.66 10.52	19.01 -2.95 11.82	17.41 -2.62 11.48	19.11 -2.49 9.59	25.40 -2.30 1.40	25.49 -1.82 0.00
OH_GEN_PROXY 24063	29.47 -3.11 0.01	16.80 -2.84 7.89	15.64 -3.07 9.60	13.68 -2.84 9.26	11.86 -2.48 8.94	11.39 -2.42 9.84	15.30 -2.91 11.80	14.86 -2.16 8.76	7.57 -0.79 2.59	5.60 -0.26 0.00	6.17 -0.14 0.00	4.59 0.05 0.00	-1.48 0.00 0.00	-4.35 0.00 0.00	6.58 -0.25 0.00	15.19 -0.70 1.31	25.24 -1.59 0.00	23.91 -2.00 0.78	18.98 -2.42 10.58	20.71 -2.71 10.35	19.05 -2.40 10.06	20.48 -2.30 8.41	25.67 -2.19 1.24	26.80 -1.70 -1.18
OLIN_CORP_DRP 24177	29.16 -3.41 0.01	15.31 -3.04 9.17	13.89 -3.25 11.17	12.00 -3.01 10.78	10.26 -2.62 10.40	10.64 -2.57 10.45	15.44 -3.12 11.45	13.39 -2.33 10.06	7.08 -0.85 3.01	5.55 -0.30 0.00	6.13 -0.18 0.00	4.57 0.03 0.00	-1.48 0.00 0.00	-4.35 0.00 0.00	6.54 -0.30 0.00	14.81 -0.87 1.53	24.88 -1.96 0.00	24.31 -2.38 0.00	18.50 -2.75 10.74	18.58 -3.14 12.06	17.04 -2.76 11.71	18.78 -2.62 9.79	25.16 -2.50 1.44	25.29 -2.03 0.00
OLIN_CORP_DSASP 323712	29.32 -3.26 0.01	15.66 -2.93 8.93	14.29 -3.15 10.87	12.39 -2.91 10.49	10.62 -2.54 10.12	11.00 -2.48 10.17	15.85 -3.02 11.14	13.75 -2.25 9.79	7.21 -0.81 2.93	5.59 -0.26 0.00	6.17 -0.14 0.00	4.59 0.05 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.26 0.00	14.99 -0.73 1.49	25.12 -1.71 0.00	24.54 -2.14 0.00	18.80 -2.66 10.52	19.01 -2.95 11.82	17.41 -2.62 11.48	19.11 -2.49 9.59	25.40 -2.30 1.40	25.49 -1.82 0.00
ONEIDA_HERK_LFGE 323681	32.18 -0.40 0.00	27.11 -0.41 0.00	28.06 -0.24 0.00	25.73 -0.06 0.00	23.23 -0.06 0.00	23.53 -0.13 0.00	29.95 -0.06 0.00	25.63 -0.15 0.00	10.76 -0.19 0.00	5.71 -0.15 0.00	6.15 -0.16 0.00	4.39 -0.15 0.00	-1.43 0.04 0.00	-4.18 0.17 0.00	6.62 -0.21 0.00	16.87 -0.34 0.00	26.55 -0.29 0.00	26.75 0.06 0.00	31.96 -0.02 0.00	33.77 0.00 0.00	31.45 -0.06 0.00	40.19 -0.23 -9.24	46.25 -0.33 -17.49	29.40 -0.38 -2.46
ONEIDA___115KV_TB4 55905	33.00 0.42 0.00	27.82 0.30 0.00	28.66 0.35 0.00	26.12 0.33 0.00	23.57 0.29 0.00	23.94 0.29 0.00	30.39 0.39 0.00	25.96 0.17 0.00	10.94 -0.01 0.00	5.83 -0.03 0.00	6.28 -0.03 0.00	4.51 -0.03 0.00	-1.47 0.01 0.00	-4.32 0.04 0.00	6.80 -0.03 0.00	17.19 -0.01 0.00	26.93 0.09 0.00	27.19 0.51 0.00	32.67 0.69 0.00	34.47 0.70 0.00	32.18 0.66 0.00	34.62 0.55 -2.88	34.96 0.42 -5.45	28.45 0.37 -0.77
ONONDAGA_REF_OCCRA 23987	32.32 -0.26 0.00	27.27 -0.26 0.00	28.04 -0.27 0.00	25.52 -0.27 0.00	23.03 -0.25 0.00	23.41 -0.25 0.00	29.73 -0.27 0.00	25.51 -0.28 0.00	10.80 -0.15 0.00	5.78 -0.07 0.00	6.25 -0.07 0.00	4.51 -0.03 0.00	-1.46 0.01 0.00	-4.32 0.04 0.00	6.76 -0.08 0.00	17.03 -0.18 0.00	26.62 -0.22 0.00	26.54 -0.14 0.00	31.77 -0.21 0.00	33.54 -0.23 0.00	31.33 -0.18 0.00	31.00 -0.19 0.00	28.82 -0.27 0.00	27.13 -0.19 0.00
ONONDAGA___COGEN 23986	32.32 -0.26 0.00	27.26 -0.27 0.00	28.05 -0.26 0.00	25.54 -0.25 0.00	23.03 -0.25 0.00	23.41 -0.25 0.00	29.72 -0.28 0.00	25.50 -0.29 0.00	10.79 -0.16 0.00	5.77 -0.08 0.00	6.24 -0.08 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.74 -0.09 0.00	17.00 -0.20 0.00	26.61 -0.23 0.00	26.50 -0.18 0.00	31.70 -0.29 0.00	33.46 -0.31 0.00	31.26 -0.26 0.00	30.93 -0.25 0.00	28.76 -0.33 0.00	27.07 -0.25 0.00
ONTARIO___LFGE 23819	31.99 -0.60 0.00	31.91 -0.56 -4.95	33.69 -0.64 -6.02	30.97 -0.63 -5.81	28.35 -0.54 -5.61	28.78 -0.51 -5.64	35.66 -0.52 -6.17	30.74 -0.47 -5.42	12.32 -0.25 -1.62	5.75 -0.11 0.00	6.23 -0.08 0.00	4.54 0.00 0.00	-1.46 0.02 0.00	-4.33 0.02 0.00	6.71 -0.12 0.00	17.74 -0.29 -0.83	26.69 -0.15 0.00	26.56 -0.12 0.00	37.63 -0.16 -5.81	40.06 -0.23 -6.52	37.68 -0.17 -6.33	36.29 -0.19 -5.29	29.49 -0.38 -0.78	27.09 -0.23 0.00
ORANGEVILLE_WT_PWR 323706	30.00 -2.56 0.02	-8.65 -2.38 33.80	-15.47 -2.62 41.15	-16.41 -2.50 39.70	-17.25 -2.22 38.32	-17.05 -2.20 38.51	-14.68 -2.51 42.18	-13.21 -1.93 37.07	-0.96 -0.81 11.10	5.56 -0.29 0.00	6.11 -0.21 0.00	4.53 -0.01 0.00	-1.43 0.04 0.00	-4.27 0.08 0.00	6.46 -0.38 0.00	10.63 -0.93 5.64	25.43 -1.41 0.00	25.03 -1.66 0.00	-9.70 -2.08 39.60	-13.10 -2.41 44.47	-13.87 -2.18 43.21	-7.00 -2.07 36.11	21.79 -2.00 5.30	25.75 -1.57 0.00
ORANGEVILLE___ESR 323794	30.00 -2.56 0.02	-8.65 -2.38 33.80	-15.47 -2.62 41.15	-16.41 -2.50 39.70	-17.25 -2.22 38.32	-17.05 -2.20 38.51	-14.68 -2.51 42.18	-13.21 -1.93 37.07	-0.96 -0.81 11.10	5.56 -0.29 0.00	6.11 -0.21 0.00	4.53 -0.01 0.00	-1.43 0.04 0.00	-4.27 0.08 0.00	6.46 -0.38 0.00	10.63 -0.93 5.64	25.43 -1.41 0.00	25.03 -1.66 0.00	-9.70 -2.08 39.60	-13.10 -2.41 44.47	-13.87 -2.18 43.21	-7.00 -2.07 36.11	21.79 -2.00 5.30	25.75 -1.57 0.00

OSWEGATCHIE___HYD 24044	31.06 -1.52 0.00	26.22 -1.31 0.00	27.18 -1.13 0.00	24.93 -0.86 0.00	22.50 -0.78 0.00	22.79 -0.86 0.00	29.04 -0.97 0.00	24.88 -0.90 0.00	10.47 -0.48 0.00	5.56 -0.29 0.00	5.99 -0.32 0.00	4.27 -0.27 0.00	-1.39 0.08 0.00	-4.07 0.28 0.00	6.39 -0.44 0.00	16.31 -0.90 0.00	25.64 -1.20 0.00	25.63 -1.06 0.00	30.47 -1.51 0.00	32.25 -1.52 0.00	29.94 -1.58 0.00	20.30 -1.76 9.13	9.91 -1.80 17.38	23.17 -1.70 2.45
OSWEGO___5 23606	31.83 -0.76 0.00	26.85 -0.67 0.00	27.62 -0.69 0.00	25.15 -0.64 0.00	22.68 -0.60 0.00	23.04 -0.61 0.00	29.26 -0.75 0.00	25.13 -0.66 0.00	10.66 -0.29 0.00	5.71 -0.15 0.00	6.17 -0.15 0.00	4.45 -0.09 0.00	-1.44 0.03 0.00	-4.26 0.09 0.00	6.67 -0.16 0.00	16.80 -0.40 0.00	26.19 -0.65 0.00	26.01 -0.68 0.00	31.11 -0.87 0.00	32.84 -0.94 0.00	30.68 -0.84 0.00	30.36 -0.82 0.00	28.28 -0.81 0.00	26.62 -0.70 0.00
OSWEGO___6 23613	31.83 -0.76 0.00	26.85 -0.67 0.00	27.62 -0.69 0.00	25.15 -0.64 0.00	22.68 -0.60 0.00	23.04 -0.61 0.00	29.26 -0.75 0.00	25.13 -0.66 0.00	10.66 -0.29 0.00	5.71 -0.15 0.00	6.17 -0.15 0.00	4.45 -0.09 0.00	-1.44 0.03 0.00	-4.26 0.09 0.00	6.67 -0.16 0.00	16.80 -0.40 0.00	26.19 -0.65 0.00	26.01 -0.68 0.00	31.11 -0.87 0.00	32.84 -0.94 0.00	30.68 -0.84 0.00	30.36 -0.82 0.00	28.28 -0.81 0.00	26.62 -0.70 0.00
OUTOKUMPU-AB___DRP 24206	30.14 -2.44 0.01	15.42 -2.27 9.83	13.84 -2.50 11.97	11.91 -2.33 11.54	10.11 -2.02 11.14	10.51 -1.95 11.20	15.43 -2.30 12.27	13.36 -1.65 10.78	7.13 -0.59 3.23	5.69 -0.16 0.00	6.28 -0.03 0.00	4.67 0.13 0.00	-1.50 -0.03 0.00	-4.43 -0.08 0.00	6.71 -0.12 0.00	15.22 -0.35 1.64	25.78 -1.05 0.00	25.19 -1.49 0.00	18.69 -1.78 11.50	18.79 -2.06 12.92	17.21 -1.76 12.55	19.06 -1.64 10.49	25.93 -1.62 1.54	26.11 -1.21 0.00
OXBOW___BTM 323836	29.57 -3.01 0.01	15.90 -2.69 8.93	14.52 -2.92 10.87	12.59 -2.71 10.49	10.81 -2.35 10.12	11.19 -2.29 10.17	16.12 -2.75 11.14	13.98 -2.01 9.79	7.30 -0.72 2.93	5.63 -0.22 0.00	6.22 -0.09 0.00	4.62 0.08 0.00	-1.49 -0.01 0.00	-4.39 -0.04 0.00	6.63 -0.20 0.00	15.13 -0.59 1.49	25.34 -1.50 0.00	24.75 -1.93 0.00	19.13 -2.33 10.52	19.32 -2.63 11.82	17.71 -2.33 11.48	19.39 -2.21 9.59	25.62 -2.08 1.40	25.70 -1.61 0.00
OXBOW___ 24026	29.56 -3.01 0.01	15.87 -2.72 8.93	14.50 -2.94 10.87	12.58 -2.72 10.49	10.80 -2.36 10.12	11.18 -2.30 10.17	16.07 -2.79 11.14	13.95 -2.05 9.79	7.29 -0.73 2.93	5.63 -0.22 0.00	6.22 -0.09 0.00	4.62 0.08 0.00	-1.49 -0.01 0.00	-4.39 -0.04 0.00	6.63 -0.20 0.00	15.13 -0.60 1.49	25.34 -1.49 0.00	24.76 -1.93 0.00	19.04 -2.42 10.52	19.28 -2.68 11.82	17.67 -2.36 11.48	19.35 -2.25 9.59	25.63 -2.07 1.40	25.70 -1.62 0.00
OXY_CHEM_DSASP 323612	29.32 -3.26 0.01	15.66 -2.93 8.93	14.29 -3.15 10.87	12.39 -2.91 10.49	10.62 -2.54 10.12	11.00 -2.48 10.17	15.85 -3.02 11.14	13.75 -2.25 9.79	7.21 -0.81 2.93	5.59 -0.26 0.00	6.17 -0.14 0.00	4.59 0.05 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.26 0.00	14.99 -0.73 1.49	25.12 -1.71 0.00	24.54 -2.14 0.00	18.80 -2.66 10.52	19.01 -2.95 11.82	17.41 -2.62 11.48	19.11 -2.49 9.59	25.40 -2.30 1.40	25.49 -1.82 0.00
OZONE_PARK_ESR 323760	34.59 2.01 0.00	29.23 1.70 0.00	29.92 1.61 0.00	27.29 1.50 0.00	24.71 1.42 0.00	25.17 1.52 0.00	31.96 1.95 0.00	27.59 1.80 0.00	11.76 0.82 0.00	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.40 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.46 2.62 0.00	29.30 2.62 0.00	35.18 3.20 0.00	37.12 3.34 0.00	34.69 3.17 0.00	34.30 3.12 0.00	31.81 2.71 0.00	29.79 2.47 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.32 -3.26 0.01	15.66 -2.93 8.93	14.29 -3.15 10.87	12.39 -2.91 10.49	10.62 -2.54 10.12	11.00 -2.48 10.17	15.85 -3.02 11.14	13.75 -2.25 9.79	7.21 -0.81 2.93	5.59 -0.26 0.00	6.17 -0.14 0.00	4.59 0.05 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.26 0.00	14.99 -0.73 1.49	25.12 -1.71 0.00	24.54 -2.14 0.00	18.80 -2.66 10.52	19.01 -2.95 11.82	17.41 -2.62 11.48	19.11 -2.49 9.59	25.40 -2.30 1.40	25.49 -1.82 0.00
PACKARD___115KV_DUPONT_184 80571	29.31 -3.26 0.01	15.69 -2.90 8.93	14.32 -3.12 10.87	12.40 -2.90 10.49	10.64 -2.53 10.12	11.02 -2.46 10.17	15.89 -2.97 11.14	13.78 -2.21 9.79	7.21 -0.80 2.93	5.59 -0.26 0.00	6.17 -0.14 0.00	4.59 0.05 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.57 -0.26 0.00	14.99 -0.73 1.49	25.12 -1.71 0.00	24.54 -2.15 0.00	18.87 -2.59 10.52	19.06 -2.90 11.82	17.45 -2.58 11.48	19.14 -2.46 9.59	25.39 -2.30 1.40	25.50 -1.82 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.31 1.73 0.00	29.03 1.51 0.00	29.71 1.40 0.00	27.10 1.31 0.00	24.55 1.27 0.00	25.01 1.36 0.00	31.73 1.72 0.00	27.39 1.60 -0.01	11.67 0.72 -0.01	6.28 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.59 0.00	18.70 1.49 0.00	29.19 2.35 0.00	29.04 2.35 -0.01	34.80 2.82 0.00	36.69 2.92 0.00	34.28 2.77 0.00	33.92 2.74 0.00	31.47 2.38 0.00	29.48 2.16 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.35 1.76 0.00	29.08 1.56 0.00	29.78 1.48 0.00	27.17 1.38 0.00	24.62 1.34 0.00	25.07 1.42 0.00	31.82 1.81 0.00	27.46 1.67 -0.01	11.70 0.75 -0.01	6.30 0.45 0.00	6.80 0.49 0.00	4.90 0.36 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	7.51 0.67 0.00	18.92 1.71 0.00	29.53 2.69 0.00	29.37 2.68 -0.01	35.18 3.20 0.00	36.88 3.10 0.00	34.43 2.91 0.00	34.07 2.88 0.00	31.61 2.52 0.00	29.60 2.29 0.00
PATROON___115KV_TB1 80586	33.56 0.98 0.00	28.35 0.83 0.00	29.13 0.82 0.00	26.53 0.74 0.00	23.97 0.69 0.00	24.35 0.69 0.00	30.70 0.69 0.00	26.33 0.54 0.00	11.14 0.20 0.00	5.92 0.07 0.00	6.38 0.06 0.00	4.57 0.02 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.93 0.10 0.00	17.47 0.26 0.00	27.33 0.49 0.00	27.28 0.60 0.00	32.82 0.84 0.00	34.68 0.91 0.00	32.44 0.93 0.00	32.14 0.96 0.00	30.07 0.98 0.00	28.38 1.07 0.00
PATTRSNVILLE___SOLAR 323815	33.58 1.00 0.00	28.35 0.83 0.00	29.12 0.82 0.00	26.53 0.74 0.00	23.97 0.69 0.00	24.38 0.72 0.00	30.84 0.83 0.00	26.30 0.51 0.00	11.08 0.13 0.00	5.89 0.04 0.00	6.34 0.03 0.00	4.54 0.00 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.87 0.04 0.00	17.31 0.10 0.00	27.04 0.20 0.00	27.07 0.39 0.00	32.92 0.94 0.00	35.00 1.22 0.00	32.73 1.22 0.00	32.41 1.22 0.00	30.18 1.09 0.00	28.31 1.00 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.84 -2.74 0.01	15.14 -2.46 9.92	13.57 -2.66 12.08	11.65 -2.48 11.65	9.88 -2.16 11.25	10.26 -2.09 11.30	15.17 -2.46 12.38	13.11 -1.79 10.88	7.02 -0.67 3.26	5.66 -0.20 0.00	6.23 -0.08 0.00	4.63 0.09 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.66 -0.17 0.00	15.06 -0.49 1.66	25.61 -1.23 0.00	25.04 -1.64 0.00	18.42 -1.94 11.62	18.55 -2.17 13.05	16.95 -1.89 12.67	18.76 -1.83 10.59	25.71 -1.83 1.56	25.91 -1.41 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.36 1.78 0.00	29.02 1.49 0.00	29.73 1.42 0.00	27.12 1.33 0.00	24.54 1.26 0.00	25.01 1.35 0.00	31.75 1.74 0.00	27.35 1.57 0.00	11.64 0.70 0.00	6.24 0.39 0.00	6.74 0.42 0.00	4.84 0.30 0.00	-1.58 -0.10 0.00	-4.66 -0.30 0.00	7.36 0.52 0.00	18.54 1.33 0.00	29.00 2.16 0.00	28.88 2.20 0.00	34.77 2.79 0.00	36.71 2.93 0.00	34.32 2.80 0.00	33.97 2.78 0.00	31.51 2.42 0.00	29.52 2.20 0.00
PEEKSKILL____ 23653	34.12 1.54 0.00	28.80 1.28 0.00	29.51 1.20 0.00	26.92 1.13 0.00	24.37 1.09 0.00	24.84 1.18 0.00	31.51 1.51 0.00	27.18 1.39 0.00	11.57 0.63 0.00	6.22 0.37 0.00	6.71 0.40 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.65 -0.29 0.00	7.34 0.51 0.00	18.49 1.28 0.00	28.87 2.03 0.00	28.72 2.03 0.00	34.51 2.53 0.00	36.43 2.66 0.00	34.07 2.55 0.00	33.72 2.54 0.00	31.28 2.19 0.00	29.31 1.99 0.00
PGE MADISON__WINDPWR 24146	34.57 1.99 0.00	30.62 1.60 -1.49	31.68 1.55 -1.82	28.83 1.28 -1.76	25.85 0.87 -1.69	26.13 0.78 -1.70	33.09 1.22 -1.86	28.08 0.65 -1.64	11.54 0.10 -0.49	5.88 0.03 0.00	6.31 0.00 0.00	4.52 -0.02 0.00	-1.50 -0.03 0.00	-4.41 -0.06 0.00	6.76 -0.07 0.00	17.12 -0.34 -0.25	26.44 -0.39 0.00	26.91 0.22 0.00	34.99 1.26 -1.75	38.05 2.32 -1.96	35.56 2.13 -1.91	34.60 1.82 -1.59	30.70 1.38 -0.23	28.43 1.12 0.00
PIERCEFIELD____HYD 23852	31.75 -0.83 0.00	26.87 -0.65 0.00	27.73 -0.58 0.00	25.32 -0.47 0.00	22.88 -0.40 0.00	23.24 -0.41 0.00	29.54 -0.47 0.00	25.32 -0.47 0.00	10.72 -0.22 0.00	5.72 -0.13 0.00	6.15 -0.16 0.00	4.41 -0.13 0.00	-1.43 0.04 0.00	-4.22 0.13 0.00	6.57 -0.26 0.00	16.67 -0.53 0.00	25.98 -0.86 0.00	25.89 -0.80 0.00	30.85 -1.13 0.00	32.60 -1.17 0.00	30.25 -1.27 0.00	25.04 -1.44 4.71	18.48 -1.56 9.05	24.62 -1.42 1.27
PINELAWN_CC_1 323563	70.56 2.24 -35.73	33.62 1.89 -4.21	32.46 1.80 -2.35	29.98 1.68 -2.52	27.33 1.58 -2.46	25.39 1.74 0.00	32.31 2.28 -0.02	27.75 1.96 0.00	11.79 0.85 0.00	6.34 0.48 0.00	6.83 0.51 0.00	4.92 0.37 0.00	-1.60 -0.13 0.00	-4.72 -0.37 0.00	13.07 0.63 -5.61	27.21 1.59 -8.41	42.23 2.46 -12.93	50.23 2.43 -21.12	53.46 3.01 -18.47	36.82 3.05 0.00	34.48 2.97 0.00	35.23 2.97 -1.07	37.67 2.67 -5.90	37.64 2.48 -7.84
PJM_GEN_HTP_PROXY 323702	34.33 1.74 0.00	29.00 1.48 0.00	29.71 1.40 0.00	27.10 1.31 0.00	24.54 1.26 0.00	25.00 1.35 0.00	31.73 1.72 0.00	27.39 1.61 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.72 1.51 0.00	29.22 2.38 0.00	29.06 2.37 0.00	34.89 2.90 0.00	36.80 3.03 0.00	34.38 2.86 0.00	33.99 2.81 0.00	31.54 2.45 0.00	29.83 2.23 -0.28
PJM_GEN_KEystone 24065	32.03 -0.55 0.00	24.54 -0.52 2.46	24.68 -0.63 3.00	22.32 -0.58 2.89	20.05 -0.44 2.79	20.49 -0.35 2.81	26.61 -0.32 3.08	22.97 -0.11 2.70	10.14 0.00 0.81	5.95 0.10 0.00	6.46 0.15 0.00	4.71 0.17 0.00	-1.52 -0.05 0.00	-4.51 -0.15 0.00	7.01 0.18 0.00	17.17 0.37 0.41	27.17 0.34 0.00	26.85 0.17 0.00	29.41 0.32 2.88	30.83 0.29 3.23	28.82 0.40 3.10	29.33 0.54 2.40	29.05 0.31 0.35	27.99 0.38 -0.28
PJM_GEN_NEPTUNE_PROXY 323594	46.48 1.81 -12.09	29.06 1.53 -0.01	29.75 1.44 0.00	27.15 1.36 0.00	24.57 1.29 0.00	25.08 1.43 0.00	31.88 1.87 -0.01	27.40 1.62 0.00	11.67 0.72 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.11 0.00	-4.69 -0.34 0.00	12.12 0.58 -4.71	25.71 1.43 -7.07	39.92 2.21 -10.87	46.60 2.17 -17.75	50.16 2.65 -15.52	36.47 2.70 0.00	34.13 2.61 0.00	34.70 2.62 -0.90	36.39 2.34 -4.96	36.35 2.16 -6.88
PJM_GEN_VFT_PROXY 323633	34.21 1.63 0.00	28.90 1.37 0.00	29.59 1.29 0.00	26.99 1.21 0.00	24.45 1.17 0.00	24.92 1.26 0.00	31.62 1.61 0.00	27.30 1.52 0.00	11.64 0.69 0.00	6.27 0.42 0.00	6.77 0.45 0.00	4.88 0.33 0.00	-1.59 -0.12 0.00	-4.70 -0.35 0.00	7.42 0.58 0.00	18.68 1.47 0.00	29.14 2.31 0.00	28.98 2.30 0.00	34.79 2.81 0.00	36.71 2.93 0.00	34.30 2.78 0.00	33.92 2.74 0.00	31.46 2.37 0.00	29.74 2.14 -0.28
PLATSBURG_115KV_PMLD1 355749	32.40 -0.18 0.00	27.35 -0.17 0.00	28.12 -0.19 0.00	25.68 -0.11 0.00	23.18 -0.10 0.00	23.54 -0.11 0.00	29.95 -0.05 0.00	25.83 0.05 0.00	10.95 0.01 0.00	5.86 0.00 0.00	6.30 -0.02 0.00	4.54 0.00 0.00	-1.47 0.01 0.00	-4.35 0.00 0.00	6.86 0.03 0.00	17.29 0.08 0.00	26.83 -0.01 0.00	26.68 -0.01 0.00	31.85 -0.13 0.00	33.44 -0.33 0.00	30.64 -0.87 0.00	28.61 -1.43 1.15	25.54 -1.23 2.32	26.02 -0.98 0.33
PLEASANTVLY____LBMP 24000	33.99 1.41 0.00	28.72 1.20 0.00	29.44 1.13 0.00	26.86 1.07 0.00	24.30 1.02 0.00	24.76 1.11 0.00	31.40 1.39 0.00	27.04 1.26 0.00	11.50 0.56 0.00	6.17 0.31 0.00	6.65 0.33 0.00	4.77 0.23 0.00	-1.55 -0.08 0.00	-4.59 -0.24 0.00	7.25 0.42 0.00	18.27 1.06 0.00	28.56 1.72 0.00	28.42 1.73 0.00	34.20 2.22 0.00	36.12 2.35 0.00	33.78 2.27 0.00	33.46 2.27 0.00	31.07 1.98 0.00	29.13 1.82 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.27 1.69 0.00	28.94 1.42 0.00	29.65 1.34 0.00	27.05 1.26 0.00	24.49 1.21 0.00	24.95 1.30 0.00	31.66 1.66 0.00	27.30 1.52 0.00	11.63 0.68 0.00	6.25 0.40 0.00	6.74 0.43 0.00	4.85 0.31 0.00	-1.58 -0.11 0.00	-4.67 -0.31 0.00	7.38 0.54 0.00	18.57 1.37 0.00	29.02 2.18 0.00	28.86 2.18 0.00	34.69 2.71 0.00	36.61 2.84 0.00	34.23 2.71 0.00	33.87 2.69 0.00	31.42 2.33 0.00	29.45 2.13 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.27 1.69 0.00	28.94 1.42 0.00	29.65 1.34 0.00	27.05 1.26 0.00	24.49 1.21 0.00	24.95 1.30 0.00	31.66 1.66 0.00	27.30 1.52 0.00	11.63 0.68 0.00	6.25 0.40 0.00	6.74 0.43 0.00	4.85 0.31 0.00	-1.58 -0.11 0.00	-4.67 -0.31 0.00	7.38 0.54 0.00	18.57 1.37 0.00	29.02 2.18 0.00	28.86 2.18 0.00	34.69 2.71 0.00	36.61 2.84 0.00	34.23 2.71 0.00	33.87 2.69 0.00	31.42 2.33 0.00	29.45 2.13 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.21 1.63 0.00	28.89 1.37 0.00	29.63 1.32 0.00	27.01 1.22 0.00	24.44 1.16 0.00	24.90 1.24 0.00	31.58 1.57 0.00	27.18 1.40 0.00	11.55 0.61 0.00	6.17 0.32 0.00	6.65 0.34 0.00	4.77 0.23 0.00	-1.56 -0.08 0.00	-4.60 -0.25 0.00	7.27 0.44 0.00	18.33 1.12 0.00	28.70 1.87 0.00	28.58 1.90 0.00	34.39 2.41 0.00	36.35 2.58 0.00	34.01 2.49 0.00	33.68 2.49 0.00	31.27 2.18 0.00	29.31 2.00 0.00
POLETTI____ 23519	34.31 1.73 0.00	29.02 1.50 0.00	29.71 1.40 0.00	27.11 1.32 0.00	24.54 1.26 0.00	25.01 1.36 0.00	31.73 1.73 0.00	27.40 1.62 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.20 2.37 0.00	29.06 2.37 0.00	34.85 2.87 0.00	36.77 2.99 0.00	34.35 2.84 0.00	33.98 2.79 0.00	31.51 2.42 0.00	29.52 2.20 0.00

POMONA___ESR 323819	34.14 1.56 0.00	28.80 1.28 0.00	29.51 1.20 0.00	26.92 1.13 0.00	24.37 1.09 0.00	24.84 1.18 0.00	31.52 1.52 0.00	27.18 1.40 0.00	11.58 0.63 0.00	6.22 0.37 0.00	6.71 0.40 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.65 -0.30 0.00	7.35 0.52 0.00	18.52 1.31 0.00	28.92 2.08 0.00	28.76 2.07 0.00	34.57 2.58 0.00	36.48 2.71 0.00	34.11 2.60 0.00	33.77 2.58 0.00	31.31 2.22 0.00	29.33 2.01 0.00
PORT_JEFF_3 23555	379.24 2.31 -344.34	94.62 1.92 -65.17	66.59 1.82 -36.46	66.59 1.70 -39.10	63.13 1.61 -38.23	25.51 1.86 0.00	32.59 2.57 -0.01	27.98 2.19 0.00	11.88 0.93 0.00	6.37 0.51 0.00	6.85 0.54 0.00	4.94 0.39 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	12.59 0.66 -5.09	26.53 1.68 -7.64	41.19 2.61 -11.74	48.42 2.56 -19.18	51.83 3.07 -16.77	36.67 2.90 0.00	34.34 2.82 0.00	35.01 2.86 -0.97	37.08 2.63 -5.36	36.89 2.46 -7.11
PORT_JEFF_4 23616	379.24 2.31 -344.34	94.62 1.92 -65.17	66.59 1.82 -36.46	66.59 1.70 -39.10	63.13 1.61 -38.23	25.51 1.86 0.00	32.59 2.57 -0.01	27.98 2.19 0.00	11.88 0.93 0.00	6.37 0.51 0.00	6.85 0.54 0.00	4.94 0.39 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	12.59 0.66 -5.09	26.53 1.68 -7.64	41.19 2.61 -11.74	48.42 2.56 -19.18	51.83 3.07 -16.77	36.67 2.90 0.00	34.34 2.82 0.00	35.01 2.86 -0.97	37.08 2.63 -5.36	36.89 2.46 -7.11
PORT_JEFF_IC 23713	424.50 2.39 -389.52	103.59 2.01 -74.05	71.64 1.91 -41.43	71.99 1.78 -44.43	68.40 1.68 -43.44	25.56 1.91 0.00	32.64 2.62 -0.01	28.02 2.23 0.00	11.89 0.94 0.00	6.37 0.52 0.00	6.86 0.54 0.00	4.94 0.40 0.00	-1.61 -0.14 0.00	-4.75 -0.40 0.00	12.61 0.67 -5.11	26.58 1.71 -7.67	41.28 2.65 -11.79	48.54 2.61 -19.25	51.96 3.14 -16.83	36.75 2.97 0.00	34.41 2.89 0.00	35.06 2.91 -0.97	37.13 2.66 -5.38	36.95 2.49 -7.14
PPL PILGRIM_ST_GT1 24216	110.76 2.49 -75.69	41.90 2.10 -12.27	37.19 2.02 -6.86	35.03 1.88 -7.36	32.24 1.76 -7.19	25.59 1.94 0.00	32.58 2.56 -0.01	27.98 2.20 0.00	11.89 0.94 0.00	6.38 0.52 0.00	6.87 0.56 0.00	4.95 0.40 0.00	-1.61 -0.14 0.00	-4.75 -0.40 0.00	12.71 0.68 -5.20	26.73 1.72 -7.80	41.47 2.65 -11.99	48.86 2.59 -19.58	52.24 3.13 -17.13	36.86 3.09 0.00	34.51 3.00 0.00	35.20 3.03 -0.99	37.33 2.76 -5.47	37.18 2.61 -7.26
PPL PILGRIM_ST_GT2 24217	110.76 2.49 -75.69	41.90 2.10 -12.27	37.19 2.02 -6.86	35.03 1.88 -7.36	32.24 1.76 -7.19	25.59 1.94 0.00	32.58 2.56 -0.01	27.98 2.20 0.00	11.89 0.94 0.00	6.38 0.52 0.00	6.87 0.56 0.00	4.95 0.40 0.00	-1.61 -0.14 0.00	-4.75 -0.40 0.00	12.71 0.68 -5.20	26.73 1.72 -7.80	41.47 2.65 -11.99	48.86 2.59 -19.58	52.24 3.13 -17.13	36.86 3.09 0.00	34.51 3.00 0.00	35.20 3.03 -0.99	37.33 2.76 -5.47	37.18 2.61 -7.26
PPL_SHRM_GT3 24213	379.10 2.94 -343.58	94.97 2.43 -65.02	67.10 2.42 -36.38	67.03 2.23 -39.01	63.50 2.07 -38.14	25.92 2.26 0.00	33.03 3.01 -0.01	28.31 2.53 0.00	11.99 1.05 0.00	6.39 0.53 0.00	6.87 0.55 0.00	4.96 0.42 0.00	-1.62 -0.14 0.00	-4.77 -0.42 0.00	12.62 0.69 -5.10	26.62 1.76 -7.66	41.35 2.75 -11.77	48.63 2.74 -19.21	52.14 3.36 -16.80	36.78 3.00 0.00	34.44 2.92 0.00	34.97 2.82 -0.97	36.93 2.47 -5.37	36.72 2.29 -7.12
PPL_SHRM_GT4 24214	379.10 2.94 -343.58	94.97 2.43 -65.02	67.10 2.42 -36.38	67.03 2.23 -39.01	63.50 2.07 -38.14	25.92 2.26 0.00	33.03 3.01 -0.01	28.31 2.53 0.00	11.99 1.05 0.00	6.39 0.53 0.00	6.87 0.55 0.00	4.96 0.42 0.00	-1.62 -0.14 0.00	-4.77 -0.42 0.00	12.62 0.69 -5.10	26.62 1.76 -7.66	41.35 2.75 -11.77	48.63 2.74 -19.21	52.14 3.36 -16.80	36.78 3.00 0.00	34.44 2.92 0.00	34.97 2.82 -0.97	36.93 2.47 -5.37	36.72 2.29 -7.12
PROJECT___ORANGE 1 24174	32.14 -0.44 0.00	27.11 -0.41 0.00	27.88 -0.42 0.00	25.39 -0.40 0.00	22.90 -0.38 0.00	23.27 -0.39 0.00	29.54 -0.46 0.00	25.37 -0.42 0.00	10.75 -0.20 0.00	5.76 -0.09 0.00	6.22 -0.09 0.00	4.49 -0.05 0.00	-1.46 0.02 0.00	-4.30 0.05 0.00	6.74 -0.10 0.00	16.98 -0.23 0.00	26.51 -0.32 0.00	26.38 -0.31 0.00	31.55 -0.43 0.00	33.30 -0.47 0.00	31.11 -0.41 0.00	30.78 -0.41 0.00	28.64 -0.45 0.00	26.95 -0.37 0.00
PROJECT___ORANGE 2 24166	32.14 -0.44 0.00	27.11 -0.41 0.00	27.88 -0.42 0.00	25.39 -0.40 0.00	22.90 -0.38 0.00	23.27 -0.39 0.00	29.54 -0.46 0.00	25.37 -0.42 0.00	10.75 -0.20 0.00	5.76 -0.09 0.00	6.22 -0.09 0.00	4.49 -0.05 0.00	-1.46 0.02 0.00	-4.30 0.05 0.00	6.74 -0.10 0.00	16.98 -0.23 0.00	26.51 -0.32 0.00	26.38 -0.31 0.00	31.55 -0.43 0.00	33.30 -0.47 0.00	31.11 -0.41 0.00	30.78 -0.41 0.00	28.64 -0.45 0.00	26.95 -0.37 0.00
PUCKETT___SOLAR 323809	32.87 0.29 0.00	27.75 0.23 0.00	28.50 0.19 0.00	25.91 0.12 0.00	23.38 0.10 0.00	23.77 0.11 0.00	30.25 0.24 0.00	25.89 0.11 0.00	10.93 -0.02 0.00	5.84 -0.01 0.00	6.29 -0.02 0.00	4.54 0.00 0.00	-1.48 0.00 0.00	-4.37 -0.01 0.00	6.79 -0.05 0.00	17.04 -0.17 0.00	26.65 -0.19 0.00	26.65 -0.03 0.00	32.37 0.39 0.00	34.34 0.56 0.00	32.07 0.55 0.00	31.71 0.52 0.00	29.40 0.31 0.00	27.64 0.32 0.00
PYRITES___HYD 24023	32.40 -0.19 0.00	27.42 -0.10 0.00	28.29 -0.02 0.00	25.81 0.03 0.00	23.34 0.05 0.00	23.73 0.07 0.00	30.10 0.09 0.00	25.64 -0.15 0.00	10.84 -0.11 0.00	5.78 -0.07 0.00	6.22 -0.10 0.00	4.45 -0.08 0.00	-1.45 0.03 0.00	-4.27 0.09 0.00	6.66 -0.17 0.00	16.96 -0.24 0.00	26.51 -0.33 0.00	26.51 -0.17 0.00	31.59 -0.39 0.00	33.43 -0.35 0.00	31.03 -0.49 0.00	26.18 -0.66 4.35	19.82 -0.90 8.37	25.30 -0.84 1.18
QUAKERRD_115KV_BK1 80622	30.81 -1.77 0.00	25.88 -1.64 0.00	26.56 -1.74 0.00	24.16 -1.62 0.00	21.84 -1.45 0.00	22.23 -1.42 0.00	28.25 -1.75 0.00	24.36 -1.42 0.00	10.37 -0.58 0.00	5.60 -0.25 0.00	6.10 -0.21 0.00	4.45 -0.09 0.00	-1.44 0.04 0.00	-4.25 0.11 0.00	6.62 -0.21 0.00	16.70 -0.51 0.00	25.89 -0.94 0.00	25.57 -1.12 0.00	30.50 -1.48 0.00	32.15 -1.62 0.00	30.09 -1.43 0.00	29.80 -1.39 0.00	27.73 -1.36 0.00	26.19 -1.13 0.00
QUENSBRY_115KV_TB8 356137	34.38 1.80 0.00	29.07 1.55 0.00	29.87 1.56 0.00	27.12 1.33 0.00	24.56 1.27 0.00	24.97 1.32 0.00	31.73 1.72 0.00	27.10 1.31 0.00	11.39 0.45 0.00	6.00 0.15 0.00	6.46 0.14 0.00	4.62 0.08 0.00	-1.50 -0.02 0.00	-4.45 -0.10 0.00	7.04 0.21 0.00	17.76 0.55 0.00	27.79 0.95 0.00	27.96 1.27 0.00	34.21 2.22 0.00	36.43 2.65 0.00	34.11 2.59 0.00	33.68 2.50 0.00	31.19 2.09 0.00	29.19 1.87 0.00
RAMAPO___LBMP 323565	34.01 1.43 0.00	28.69 1.17 0.00	29.39 1.09 0.00	26.81 1.03 0.00	24.28 1.00 0.00	24.75 1.09 0.00	31.40 1.40 0.00	27.08 1.29 0.00	11.53 0.58 0.00	6.20 0.34 0.00	6.69 0.37 0.00	4.81 0.27 0.00	-1.57 -0.09 0.00	-4.63 -0.28 0.00	7.32 0.49 0.00	18.43 1.22 0.00	28.76 1.93 0.00	28.59 1.91 0.00	34.39 2.41 0.00	36.30 2.53 0.00	33.95 2.43 0.00	33.61 2.42 0.00	31.17 2.08 0.00	29.19 1.87 0.00

RANKINE____ 23646	29.88 -2.69 0.01	13.66 -2.51 11.36	11.75 -2.74 13.82	9.90 -2.56 13.34	8.19 -2.22 12.87	8.57 -2.15 12.94	13.29 -2.54 14.17	11.48 -1.85 12.45	6.54 -0.68 3.73	5.66 -0.19 0.00	6.24 -0.07 0.00	4.64 0.10 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.65 -0.18 0.00	14.81 -0.50 1.89	25.63 -1.21 0.00	25.04 -1.64 0.00	16.66 -2.02 13.29	16.57 -2.28 14.93	15.02 -1.99 14.50	17.17 -1.89 12.12	25.49 -1.82 1.78	25.94 -1.38 0.00
RAVENSWOOD_GT2_1 24244	34.32 1.74 0.00	29.02 1.50 0.00	29.71 1.41 0.00	27.11 1.32 0.00	24.55 1.26 0.00	25.02 1.37 0.00	31.74 1.74 0.00	27.41 1.62 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.21 2.37 0.00	29.06 2.37 0.00	34.86 2.88 0.00	36.77 3.00 0.00	34.36 2.85 0.00	33.98 2.80 0.00	31.52 2.43 0.00	29.53 2.21 0.00
RAVENSWOOD_GT2_2 24245	34.32 1.74 0.00	29.02 1.50 0.00	29.71 1.41 0.00	27.11 1.32 0.00	24.55 1.26 0.00	25.02 1.37 0.00	31.74 1.74 0.00	27.41 1.62 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.21 2.37 0.00	29.06 2.37 0.00	34.86 2.88 0.00	36.77 3.00 0.00	34.36 2.85 0.00	33.98 2.80 0.00	31.52 2.43 0.00	29.53 2.21 0.00
RAVENSWOOD_GT2_3 24246	34.33 1.75 0.00	29.03 1.51 0.00	29.72 1.42 0.00	27.12 1.34 0.00	24.56 1.27 0.00	25.02 1.37 0.00	31.76 1.76 0.00	27.41 1.62 0.00	11.68 0.74 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.79 3.02 0.00	34.37 2.86 0.00	34.00 2.82 0.00	31.54 2.45 0.00	29.54 2.23 0.00
RAVENSWOOD_GT2_4 24247	34.33 1.75 0.00	29.03 1.51 0.00	29.72 1.42 0.00	27.12 1.34 0.00	24.56 1.27 0.00	25.02 1.37 0.00	31.76 1.76 0.00	27.41 1.62 0.00	11.68 0.74 0.00	6.29 0.43 0.00	6.79 0.47 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.72 1.52 0.00	29.22 2.38 0.00	29.06 2.38 0.00	34.88 2.90 0.00	36.79 3.02 0.00	34.37 2.86 0.00	34.00 2.82 0.00	31.54 2.45 0.00	29.54 2.23 0.00
RAVENSWOOD_GT3_1 24248	34.33 1.75 0.00	29.02 1.50 0.00	29.72 1.41 0.00	27.12 1.33 0.00	24.55 1.27 0.00	25.02 1.37 0.00	31.75 1.75 0.00	27.41 1.62 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.71 1.51 0.00	29.22 2.38 0.00	29.06 2.37 0.00	34.88 2.90 0.00	36.79 3.02 0.00	34.37 2.86 0.00	34.00 2.82 0.00	31.54 2.45 0.00	29.54 2.23 0.00
RAVENSWOOD_GT3_2 24249	34.33 1.75 0.00	29.02 1.50 0.00	29.72 1.41 0.00	27.12 1.33 0.00	24.55 1.27 0.00	25.02 1.37 0.00	31.75 1.75 0.00	27.41 1.62 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.71 1.51 0.00	29.22 2.38 0.00	29.06 2.37 0.00	34.88 2.90 0.00	36.79 3.02 0.00	34.37 2.86 0.00	34.00 2.82 0.00	31.54 2.45 0.00	29.54 2.23 0.00
RAVENSWOOD_GT3_3 24250	34.38 1.79 0.00	29.06 1.54 0.00	29.76 1.45 0.00	27.15 1.36 0.00	24.58 1.30 0.00	25.05 1.39 0.00	31.79 1.79 0.00	27.44 1.66 0.00	11.70 0.75 0.00	6.30 0.44 0.00	6.80 0.48 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.45 0.61 0.00	18.74 1.54 0.00	29.26 2.43 0.00	29.11 2.42 0.00	34.93 2.95 0.00	36.85 3.08 0.00	34.42 2.91 0.00	34.06 2.87 0.00	31.58 2.49 0.00	29.59 2.27 0.00
RAVENSWOOD_GT3_4 24251	34.38 1.79 0.00	29.06 1.54 0.00	29.76 1.45 0.00	27.15 1.36 0.00	24.58 1.30 0.00	25.05 1.39 0.00	31.79 1.79 0.00	27.44 1.66 0.00	11.70 0.75 0.00	6.30 0.44 0.00	6.80 0.48 0.00	4.89 0.35 0.00	-1.60 -0.12 0.00	-4.71 -0.36 0.00	7.45 0.61 0.00	18.74 1.54 0.00	29.26 2.43 0.00	29.11 2.42 0.00	34.93 2.95 0.00	36.85 3.08 0.00	34.42 2.91 0.00	34.06 2.87 0.00	31.58 2.49 0.00	29.59 2.27 0.00
RAVENSWOOD_GT_1 23729	34.41 1.83 0.00	29.12 1.59 0.00	29.81 1.50 0.00	27.20 1.42 0.00	24.64 1.35 0.00	25.11 1.45 0.00	31.86 1.85 0.00	27.52 1.73 -0.01	11.73 0.78 -0.01	6.31 0.46 0.00	6.82 0.50 0.00	4.91 0.37 0.00	-1.60 -0.13 0.00	-4.73 -0.38 0.00	7.47 0.63 0.00	18.80 1.59 0.00	29.35 2.51 0.00	29.20 2.51 -0.01	35.02 3.04 0.00	36.92 3.15 0.00	34.49 2.97 0.00	34.13 2.95 0.00	31.64 2.55 0.00	29.63 2.31 0.00
RAVENSWOOD_GT_10 24258	34.31 1.73 0.00	29.02 1.50 0.00	29.71 1.40 0.00	27.11 1.32 0.00	24.54 1.26 0.00	25.01 1.36 0.00	31.73 1.73 0.00	27.40 1.62 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.20 2.37 0.00	29.05 2.36 0.00	34.85 2.87 0.00	36.77 2.99 0.00	34.36 2.84 0.00	33.98 2.80 0.00	31.52 2.43 0.00	29.52 2.21 0.00
RAVENSWOOD_GT_11 24259	34.31 1.73 0.00	29.02 1.50 0.00	29.71 1.40 0.00	27.11 1.32 0.00	24.54 1.26 0.00	25.01 1.36 0.00	31.73 1.73 0.00	27.40 1.62 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.20 2.37 0.00	29.05 2.36 0.00	34.85 2.87 0.00	36.77 2.99 0.00	34.36 2.84 0.00	33.98 2.80 0.00	31.52 2.43 0.00	29.52 2.21 0.00
RAVENSWOOD_GT_4 24252	34.35 1.76 0.00	29.04 1.52 0.00	29.74 1.43 0.00	27.13 1.35 0.00	24.57 1.29 0.00	25.05 1.39 0.00	31.77 1.77 0.00	27.44 1.65 -0.01	11.70 0.75 -0.01	6.29 0.44 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.44 0.61 0.00	18.74 1.53 0.00	29.25 2.41 0.00	29.09 2.40 -0.01	34.90 2.92 0.00	36.80 3.03 0.00	34.39 2.88 0.00	34.02 2.84 0.00	31.56 2.46 0.00	29.56 2.24 0.00
RAVENSWOOD_GT_5 24254	34.35 1.76 0.00	29.04 1.52 0.00	29.74 1.43 0.00	27.13 1.35 0.00	24.57 1.29 0.00	25.05 1.39 0.00	31.77 1.77 0.00	27.44 1.65 -0.01	11.70 0.75 -0.01	6.29 0.44 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.44 0.61 0.00	18.74 1.53 0.00	29.25 2.41 0.00	29.09 2.40 -0.01	34.90 2.92 0.00	36.80 3.03 0.00	34.39 2.88 0.00	34.02 2.84 0.00	31.56 2.46 0.00	29.56 2.24 0.00
RAVENSWOOD_GT_6 24253	34.35 1.76 0.00	29.04 1.52 0.00	29.74 1.43 0.00	27.13 1.35 0.00	24.57 1.29 0.00	25.05 1.39 0.00	31.77 1.77 0.00	27.44 1.65 -0.01	11.70 0.75 -0.01	6.29 0.44 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.44 0.61 0.00	18.74 1.53 0.00	29.25 2.41 0.00	29.09 2.40 -0.01	34.90 2.92 0.00	36.80 3.03 0.00	34.39 2.88 0.00	34.02 2.84 0.00	31.56 2.46 0.00	29.56 2.24 0.00

RAVENSWOOD_GT_7 24255	34.35 1.76 0.00	29.04 1.52 0.00	29.74 1.43 0.00	27.13 1.35 0.00	24.57 1.29 0.00	25.05 1.39 0.00	31.77 1.77 0.00	27.44 1.65 -0.01	11.70 0.75 -0.01	6.29 0.44 0.00	6.79 0.48 0.00	4.89 0.35 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.44 0.61 0.00	18.74 1.53 0.00	29.25 2.41 0.00	29.09 2.40 -0.01	34.90 2.92 0.00	36.80 3.03 0.00	34.39 2.88 0.00	34.02 2.84 0.00	31.56 2.46 0.00	29.56 2.24 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.31 1.73 0.00	29.02 1.50 0.00	29.71 1.40 0.00	27.11 1.32 0.00	24.54 1.26 0.00	25.01 1.36 0.00	31.73 1.73 0.00	27.40 1.62 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.20 2.37 0.00	29.05 2.36 0.00	34.85 2.87 0.00	36.77 2.99 0.00	34.36 2.84 0.00	33.98 2.80 0.00	31.52 2.43 0.00	29.52 2.21 0.00
RAVENSWOOD_GT_9 24257	34.31 1.73 0.00	29.02 1.50 0.00	29.71 1.40 0.00	27.11 1.32 0.00	24.54 1.26 0.00	25.01 1.36 0.00	31.73 1.73 0.00	27.40 1.62 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.35 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.20 2.37 0.00	29.05 2.36 0.00	34.85 2.87 0.00	36.77 2.99 0.00	34.36 2.84 0.00	33.98 2.80 0.00	31.52 2.43 0.00	29.52 2.21 0.00
RAVENSWOOD___1 23533	34.38 1.80 0.00	29.07 1.55 0.00	29.78 1.47 0.00	27.18 1.39 0.00	24.62 1.34 0.00	25.09 1.44 0.00	31.82 1.82 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.45 0.00	6.81 0.50 0.00	4.90 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.62 0.00	18.78 1.57 0.00	29.32 2.48 0.00	29.17 2.48 -0.01	34.96 2.98 0.00	36.86 3.09 0.00	34.44 2.93 0.00	34.08 2.89 0.00	31.61 2.51 0.00	29.60 2.28 0.00
RAVENSWOOD___2 23534	34.38 1.80 0.00	29.07 1.55 0.00	29.78 1.47 0.00	27.18 1.39 0.00	24.62 1.34 0.00	25.09 1.44 0.00	31.82 1.82 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.45 0.00	6.81 0.50 0.00	4.90 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.62 0.00	18.78 1.57 0.00	29.32 2.48 0.00	29.17 2.48 -0.01	34.96 2.98 0.00	36.86 3.09 0.00	34.44 2.93 0.00	34.08 2.89 0.00	31.61 2.51 0.00	29.60 2.28 0.00
RAVENSWOOD___3 23535	34.33 1.75 0.00	29.01 1.49 0.00	29.71 1.40 0.00	27.11 1.32 0.00	24.55 1.26 0.00	25.02 1.36 0.00	31.73 1.73 0.00	27.41 1.62 0.00	11.68 0.73 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.34 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	7.43 0.60 0.00	18.71 1.50 0.00	29.22 2.38 0.00	29.06 2.37 0.00	34.88 2.89 0.00	36.78 3.01 0.00	34.37 2.85 0.00	33.99 2.81 0.00	31.53 2.44 0.00	29.54 2.22 0.00
RAVENSWOOD___4 23820	34.38 1.80 0.00	29.07 1.55 0.00	29.78 1.47 0.00	27.18 1.39 0.00	24.62 1.34 0.00	25.09 1.44 0.00	31.82 1.82 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.45 0.00	6.81 0.50 0.00	4.90 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.62 0.00	18.78 1.57 0.00	29.32 2.48 0.00	29.17 2.48 -0.01	34.96 2.98 0.00	36.86 3.09 0.00	34.44 2.93 0.00	34.08 2.89 0.00	31.61 2.51 0.00	29.60 2.28 0.00
RCPL_TRUST___DRP 24196	34.46 1.88 0.00	29.13 1.60 0.00	29.83 1.52 0.00	27.21 1.42 0.00	24.65 1.37 0.00	25.12 1.46 0.00	31.88 1.88 0.00	27.54 1.75 0.00	11.74 0.80 0.00	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.40 0.00	7.49 0.66 0.00	18.85 1.65 0.00	29.43 2.60 0.00	29.27 2.59 0.00	35.18 3.20 0.00	37.10 3.32 0.00	34.64 3.13 0.00	34.26 3.07 0.00	31.76 2.67 0.00	29.75 2.43 0.00
RED___ROCHESTER 323720	31.46 -1.12 0.00	26.41 -1.11 0.00	27.08 -1.23 0.00	24.63 -1.16 0.00	22.27 -1.01 0.00	22.68 -0.97 0.00	28.85 -1.15 0.00	24.90 -0.88 0.00	10.60 -0.34 0.00	5.75 -0.10 0.00	6.28 -0.04 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.37 -0.02 0.00	6.82 -0.02 0.00	17.22 0.01 0.00	26.61 -0.22 0.00	26.22 -0.47 0.00	31.33 -0.66 0.00	32.98 -0.80 0.00	30.89 -0.63 0.00	30.60 -0.59 0.00	28.45 -0.64 0.00	26.87 -0.45 0.00
REGAN___SOLAR 323812	34.16 1.57 0.00	28.80 1.28 0.00	29.56 1.25 0.00	26.92 1.13 0.00	24.34 1.05 0.00	24.76 1.11 0.00	31.25 1.25 0.00	26.34 0.55 0.00	10.97 0.02 0.00	5.80 -0.05 0.00	6.20 -0.11 0.00	4.45 -0.09 0.00	-1.44 0.03 0.00	-4.26 0.09 0.00	6.70 -0.13 0.00	16.93 -0.28 0.00	26.39 -0.44 0.00	26.61 -0.07 0.00	33.23 1.25 0.00	35.63 1.86 0.00	33.35 1.83 0.00	33.00 1.81 0.00	30.68 1.59 0.00	28.70 1.38 0.00
RENSSELAER___COGEN 23796	33.42 0.84 0.00	28.24 0.71 0.00	29.01 0.71 0.00	26.42 0.64 0.00	23.88 0.60 0.00	24.25 0.60 0.00	30.57 0.56 0.00	26.22 0.43 0.00	11.11 0.16 0.00	5.90 0.05 0.00	6.36 0.04 0.00	4.55 0.01 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.90 0.07 0.00	17.40 0.20 0.00	27.21 0.37 0.00	27.14 0.45 0.00	32.60 0.62 0.00	34.47 0.70 0.00	32.26 0.74 0.00	31.96 0.77 0.00	29.92 0.83 0.00	28.27 0.95 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.33 2.75 0.00	29.92 2.40 0.00	30.77 2.46 0.00	27.80 2.01 0.00	25.24 1.96 0.00	25.67 2.02 0.00	32.76 2.75 0.00	27.87 2.09 0.00	11.65 0.70 0.00	6.08 0.23 0.00	6.54 0.23 0.00	4.66 0.12 0.00	-1.49 -0.02 0.00	-4.51 -0.16 0.00	7.15 0.32 0.00	18.06 0.86 0.00	28.33 1.49 0.00	28.70 2.01 0.00	35.40 3.42 0.00	37.87 4.09 0.00	35.51 3.99 0.00	34.96 3.77 0.00	32.13 3.04 0.00	29.79 2.47 0.00
REVERE_CPPR_DRP 24186	33.02 0.44 0.00	27.82 0.30 0.00	28.71 0.40 0.00	26.22 0.43 0.00	23.67 0.39 0.00	24.02 0.36 0.00	30.50 0.50 0.00	26.04 0.26 0.00	10.93 -0.01 0.00	5.81 -0.05 0.00	6.26 -0.06 0.00	4.49 -0.06 0.00	-1.46 0.01 0.00	-4.29 0.07 0.00	6.78 -0.06 0.00	17.18 -0.03 0.00	26.97 0.14 0.00	27.36 0.68 0.00	32.81 0.82 0.00	34.61 0.84 0.00	32.28 0.76 0.00	36.80 0.63 -4.99	38.99 0.46 -9.44	29.02 0.37 -1.33
REYNLDDPA_13_KV_LD 356490	32.49 -0.09 0.00	27.50 -0.02 0.00	28.32 0.02 0.00	25.81 0.02 0.00	23.32 0.04 0.00	23.71 0.05 0.00	30.10 0.10 0.00	25.90 0.11 0.00	11.01 0.06 0.00	5.89 0.04 0.00	6.34 0.03 0.00	4.56 0.01 0.00	-1.48 0.00 0.00	-4.37 -0.01 0.00	6.83 0.00 0.00	17.23 0.02 0.00	26.83 -0.01 0.00	26.66 -0.03 0.00	31.82 -0.16 0.00	33.59 -0.18 0.00	31.21 -0.30 0.00	29.32 -0.44 1.43	25.60 -0.62 2.87	26.30 -0.61 0.40
REYNOLDS_115KV_TB3 80639	33.58 1.01 0.00	28.38 0.86 0.00	29.17 0.86 0.00	26.55 0.76 0.00	24.00 0.72 0.00	24.38 0.73 0.00	30.78 0.77 0.00	26.39 0.61 0.00	11.18 0.23 0.00	5.93 0.08 0.00	6.39 0.08 0.00	4.57 0.03 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.94 0.11 0.00	17.50 0.29 0.00	27.35 0.51 0.00	27.28 0.59 0.00	32.81 0.82 0.00	34.69 0.91 0.00	32.46 0.94 0.00	32.17 0.98 0.00	30.08 0.99 0.00	28.37 1.05 0.00

RIVERBAY____ 323610	34.35 1.76 0.00	29.08 1.56 0.00	29.78 1.48 0.00	27.17 1.38 0.00	24.62 1.34 0.00	25.07 1.42 0.00	31.82 1.81 0.00	27.46 1.67 -0.01	11.70 0.75 -0.01	6.30 0.45 0.00	6.80 0.49 0.00	4.90 0.36 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	7.51 0.67 0.00	18.92 1.71 0.00	29.53 2.69 0.00	29.37 2.68 -0.01	35.18 3.20 0.00	36.88 3.10 0.00	34.43 2.91 0.00	34.07 2.88 0.00	31.61 2.52 0.00	29.60 2.29 0.00
RIVERSDE_115KV_TB3 55908	33.53 0.95 0.00	28.33 0.81 0.00	29.11 0.81 0.00	26.50 0.72 0.00	23.96 0.68 0.00	24.33 0.68 0.00	30.69 0.68 0.00	26.32 0.53 0.00	11.14 0.20 0.00	5.92 0.06 0.00	6.38 0.06 0.00	4.56 0.02 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.92 0.09 0.00	17.46 0.25 0.00	27.29 0.45 0.00	27.23 0.54 0.00	32.74 0.76 0.00	34.62 0.84 0.00	32.39 0.87 0.00	32.09 0.90 0.00	30.03 0.94 0.00	28.34 1.02 0.00
ROARING__BROOK_WT_PWR 323790	31.91 -0.68 0.00	27.01 -0.51 0.00	27.91 -0.40 0.00	25.50 -0.29 0.00	22.95 -0.33 0.00	23.25 -0.41 0.00	29.57 -0.43 0.00	25.50 -0.29 0.00	10.85 -0.10 0.00	5.79 -0.07 0.00	6.24 -0.07 0.00	4.47 -0.07 0.00	-1.45 0.03 0.00	-4.27 0.09 0.00	6.69 -0.14 0.00	16.87 -0.34 0.00	26.45 -0.39 0.00	26.13 -0.55 0.00	31.28 -0.71 0.00	33.03 -0.74 0.00	30.77 -0.74 0.00	30.36 -0.83 0.00	28.27 -0.82 0.00	26.60 -0.72 0.00
ROCHESRG_115KV_T4 355643	31.15 -1.43 0.00	26.15 -1.37 0.00	26.82 -1.49 0.00	24.39 -1.39 0.00	22.05 -1.23 0.00	22.46 -1.19 0.00	28.56 -1.45 0.00	24.67 -1.12 0.00	10.51 -0.43 0.00	5.70 -0.15 0.00	6.22 -0.09 0.00	4.55 0.01 0.00	-1.47 0.01 0.00	-4.34 0.01 0.00	6.73 -0.10 0.00	17.00 -0.21 0.00	26.27 -0.56 0.00	25.90 -0.79 0.00	30.89 -1.09 0.00	32.55 -1.23 0.00	30.48 -1.04 0.00	30.20 -0.99 0.00	28.12 -0.97 0.00	26.58 -0.74 0.00
ROCHESTER_9_IC 23652	31.36 -1.22 0.00	26.32 -1.21 0.00	26.99 -1.32 0.00	24.54 -1.25 0.00	22.19 -1.10 0.00	22.61 -1.05 0.00	28.74 -1.27 0.00	24.81 -0.98 0.00	10.57 -0.38 0.00	5.73 -0.12 0.00	6.26 -0.06 0.00	4.58 0.04 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.79 -0.05 0.00	17.14 -0.06 0.00	26.50 -0.34 0.00	26.11 -0.57 0.00	31.15 -0.83 0.00	32.81 -0.97 0.00	30.73 -0.78 0.00	30.45 -0.74 0.00	28.34 -0.76 0.00	26.77 -0.55 0.00
ROCKVIEW_13_KV_LD 356306	34.35 1.77 0.00	29.02 1.50 0.00	29.73 1.42 0.00	27.11 1.32 0.00	24.55 1.27 0.00	25.00 1.35 0.00	31.74 1.74 0.00	27.37 1.58 0.00	11.66 0.72 0.00	6.27 0.42 0.00	6.77 0.46 0.00	4.87 0.33 0.00	-1.59 -0.11 0.00	-4.69 -0.33 0.00	7.41 0.57 0.00	18.65 1.44 0.00	29.13 2.29 0.00	28.98 2.29 0.00	34.84 2.85 0.00	36.77 2.99 0.00	34.37 2.85 0.00	34.02 2.83 0.00	31.54 2.45 0.00	29.55 2.23 0.00
ROME____115KV_TB2 80656	33.02 0.44 0.00	27.82 0.30 0.00	28.71 0.40 0.00	26.22 0.43 0.00	23.67 0.39 0.00	24.02 0.36 0.00	30.50 0.50 0.00	26.04 0.26 0.00	10.93 -0.01 0.00	5.81 -0.05 0.00	6.26 -0.06 0.00	4.49 -0.06 0.00	-1.46 0.01 0.00	-4.29 0.07 0.00	6.78 -0.06 0.00	17.18 -0.03 0.00	26.97 0.14 0.00	27.36 0.68 0.00	32.81 0.82 0.00	34.61 0.84 0.00	32.28 0.76 0.00	36.80 0.63 -4.99	38.99 0.46 -9.44	29.02 0.37 -1.33
ROSETON__1 23587	33.94 1.36 0.00	28.66 1.14 0.00	29.39 1.08 0.00	26.80 1.01 0.00	24.26 0.97 0.00	24.71 1.06 0.00	31.33 1.33 0.00	26.99 1.21 0.00	11.48 0.54 0.00	6.16 0.30 0.00	6.64 0.33 0.00	4.77 0.23 0.00	-1.55 -0.08 0.00	-4.59 -0.23 0.00	7.25 0.41 0.00	18.25 1.05 0.00	28.52 1.68 0.00	28.38 1.70 0.00	34.14 2.16 0.00	36.06 2.29 0.00	33.73 2.21 0.00	33.40 2.21 0.00	31.01 1.92 0.00	29.07 1.75 0.00
ROSETON__2 23588	33.94 1.36 0.00	28.66 1.14 0.00	29.39 1.08 0.00	26.80 1.01 0.00	24.26 0.97 0.00	24.71 1.06 0.00	31.33 1.33 0.00	26.99 1.21 0.00	11.48 0.54 0.00	6.16 0.30 0.00	6.64 0.33 0.00	4.77 0.23 0.00	-1.55 -0.08 0.00	-4.59 -0.23 0.00	7.25 0.41 0.00	18.25 1.05 0.00	28.52 1.68 0.00	28.38 1.70 0.00	34.14 2.16 0.00	36.06 2.29 0.00	33.73 2.21 0.00	33.40 2.21 0.00	31.01 1.92 0.00	29.07 1.75 0.00
ROTTDRAM_115KV_TB3 80664	33.45 0.87 0.00	28.26 0.74 0.00	29.03 0.73 0.00	26.44 0.66 0.00	23.90 0.62 0.00	24.30 0.65 0.00	30.78 0.77 0.00	26.38 0.59 0.00	11.16 0.22 0.00	5.94 0.09 0.00	6.41 0.09 0.00	4.59 0.05 0.00	-1.49 -0.02 0.00	-4.41 -0.06 0.00	6.95 0.11 0.00	17.50 0.30 0.00	27.34 0.51 0.00	27.30 0.61 0.00	32.96 0.98 0.00	34.90 1.12 0.00	32.62 1.10 0.00	32.31 1.12 0.00	30.09 1.00 0.00	28.26 0.94 0.00
RUSSELL__1 23602	31.46 -1.12 0.00	26.40 -1.12 0.00	27.07 -1.24 0.00	24.62 -1.17 0.00	22.26 -1.03 0.00	22.68 -0.98 0.00	28.82 -1.18 0.00	24.89 -0.90 0.00	10.60 -0.34 0.00	5.75 -0.11 0.00	6.28 -0.04 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.37 -0.02 0.00	6.82 -0.02 0.00	17.22 0.01 0.00	26.61 -0.23 0.00	26.22 -0.47 0.00	31.28 -0.70 0.00	32.95 -0.82 0.00	30.87 -0.65 0.00	30.58 -0.60 0.00	28.45 -0.64 0.00	26.87 -0.45 0.00
RUSSELL__2 23532	31.46 -1.12 0.00	26.40 -1.12 0.00	27.07 -1.24 0.00	24.62 -1.17 0.00	22.26 -1.03 0.00	22.68 -0.98 0.00	28.82 -1.18 0.00	24.89 -0.90 0.00	10.60 -0.34 0.00	5.75 -0.11 0.00	6.28 -0.04 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.37 -0.02 0.00	6.82 -0.02 0.00	17.22 0.01 0.00	26.61 -0.23 0.00	26.22 -0.47 0.00	31.28 -0.70 0.00	32.95 -0.82 0.00	30.87 -0.65 0.00	30.58 -0.60 0.00	28.45 -0.64 0.00	26.87 -0.45 0.00
RUSSELL__3 23549	31.46 -1.12 0.00	26.40 -1.12 0.00	27.07 -1.24 0.00	24.62 -1.17 0.00	22.26 -1.03 0.00	22.68 -0.98 0.00	28.82 -1.18 0.00	24.89 -0.90 0.00	10.60 -0.34 0.00	5.75 -0.11 0.00	6.28 -0.04 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.37 -0.02 0.00	6.82 -0.02 0.00	17.22 0.01 0.00	26.61 -0.23 0.00	26.22 -0.47 0.00	31.28 -0.70 0.00	32.95 -0.82 0.00	30.87 -0.65 0.00	30.58 -0.60 0.00	28.45 -0.64 0.00	26.87 -0.45 0.00
RUSSELL__4 23556	31.46 -1.12 0.00	26.40 -1.12 0.00	27.07 -1.24 0.00	24.62 -1.17 0.00	22.26 -1.03 0.00	22.68 -0.98 0.00	28.82 -1.18 0.00	24.89 -0.90 0.00	10.60 -0.34 0.00	5.75 -0.11 0.00	6.28 -0.04 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.37 -0.02 0.00	6.82 -0.02 0.00	17.22 0.01 0.00	26.61 -0.23 0.00	26.22 -0.47 0.00	31.28 -0.70 0.00	32.95 -0.82 0.00	30.87 -0.65 0.00	30.58 -0.60 0.00	28.45 -0.64 0.00	26.87 -0.45 0.00
RUSSELL__STATION 23914	31.46 -1.12 0.00	26.40 -1.12 0.00	27.07 -1.24 0.00	24.62 -1.17 0.00	22.26 -1.03 0.00	22.68 -0.98 0.00	28.82 -1.18 0.00	24.89 -0.90 0.00	10.60 -0.34 0.00	5.75 -0.11 0.00	6.28 -0.04 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.37 -0.02 0.00	6.82 -0.02 0.00	17.22 0.01 0.00	26.61 -0.23 0.00	26.22 -0.47 0.00	31.28 -0.70 0.00	32.95 -0.82 0.00	30.87 -0.65 0.00	30.58 -0.60 0.00	28.45 -0.64 0.00	26.87 -0.45 0.00

S SALMON___HYD 24043	31.55 -1.03 0.00	26.61 -0.91 0.00	27.46 -0.85 0.00	25.06 -0.73 0.00	22.57 -0.71 0.00	22.90 -0.75 0.00	29.10 -0.91 0.00	24.97 -0.82 0.00	10.55 -0.40 0.00	5.64 -0.22 0.00	6.09 -0.23 0.00	4.38 -0.16 0.00	-1.42 0.05 0.00	-4.18 0.17 0.00	6.57 -0.26 0.00	16.64 -0.57 0.00	26.15 -0.69 0.00	25.99 -0.70 0.00	30.96 -1.02 0.00	32.69 -1.08 0.00	30.51 -1.00 0.00	27.18 -1.06 2.96	22.48 -1.00 5.61	25.63 -0.90 0.79
S.PERRY___115KV_TB1 80734	32.01 -0.60 -0.02	60.52 -0.65 -33.65	68.49 -0.79 -40.97	64.52 -0.79 -39.53	60.73 -0.70 -38.15	61.31 -0.68 -38.34	71.32 -0.68 -41.99	62.12 -0.57 -36.90	21.63 -0.37 -11.05	5.74 -0.12 0.00	6.25 -0.07 0.00	4.59 0.05 0.00	-1.46 0.01 0.00	-4.35 0.00 0.00	6.68 -0.15 0.00	22.65 -0.18 -5.62	26.85 0.02 0.00	26.64 -0.04 0.00	71.36 -0.09 -39.46	77.77 -0.30 -44.30	74.40 -0.16 -43.04	67.08 -0.08 -35.98	34.11 -0.27 -5.28	27.23 -0.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.68 -2.89 0.01	13.84 -2.68 11.00	11.99 -2.92 13.40	10.15 -2.71 12.92	8.45 -2.36 12.47	8.83 -2.29 12.53	13.52 -2.75 13.73	11.70 -2.02 12.07	6.61 -0.73 3.61	5.63 -0.22 0.00	6.22 -0.09 0.00	4.62 0.08 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.63 -0.20 0.00	14.79 -0.58 1.84	25.46 -1.38 0.00	24.87 -1.82 0.00	16.84 -2.27 12.88	16.80 -2.51 14.46	15.25 -2.21 14.05	17.34 -2.10 11.74	25.39 -1.98 1.73	25.80 -1.52 0.00
SAWYER___23_KV_LOAD 55526	29.68 -2.89 0.01	13.84 -2.68 11.00	11.99 -2.92 13.40	10.15 -2.71 12.92	8.45 -2.36 12.47	8.83 -2.29 12.53	13.52 -2.75 13.73	11.70 -2.02 12.07	6.61 -0.73 3.61	5.63 -0.22 0.00	6.22 -0.09 0.00	4.62 0.08 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.63 -0.20 0.00	14.79 -0.58 1.84	25.46 -1.38 0.00	24.87 -1.82 0.00	16.84 -2.27 12.88	16.80 -2.51 14.46	15.25 -2.21 14.05	17.34 -2.10 11.74	25.39 -1.98 1.73	25.80 -1.52 0.00
SELKIRK___I 23801	33.56 0.98 0.00	28.35 0.83 0.00	29.14 0.83 0.00	26.55 0.76 0.00	24.00 0.71 0.00	24.39 0.73 0.00	30.77 0.76 0.00	26.33 0.54 0.00	11.14 0.19 0.00	5.93 0.07 0.00	6.38 0.07 0.00	4.57 0.03 0.00	-1.50 -0.03 0.00	-4.42 -0.07 0.00	6.92 0.09 0.00	17.43 0.22 0.00	27.25 0.42 0.00	27.20 0.52 0.00	32.83 0.85 0.00	34.77 0.99 0.00	32.52 1.00 0.00	32.22 1.03 0.00	30.10 1.01 0.00	28.37 1.05 0.00
SELKIRK___II 23799	33.41 0.83 0.00	28.23 0.71 0.00	29.00 0.69 0.00	26.42 0.63 0.00	23.88 0.60 0.00	24.27 0.61 0.00	30.64 0.64 0.00	26.29 0.51 0.00	11.15 0.20 0.00	5.93 0.08 0.00	6.39 0.08 0.00	4.58 0.04 0.00	-1.49 -0.02 0.00	-4.41 -0.05 0.00	6.94 0.11 0.00	17.49 0.28 0.00	27.34 0.50 0.00	27.25 0.57 0.00	32.76 0.77 0.00	34.63 0.86 0.00	32.39 0.88 0.00	32.10 0.91 0.00	29.99 0.90 0.00	28.26 0.94 0.00
SENECA OSWGO___HYD 24041	31.68 -0.91 0.00	26.72 -0.80 0.00	27.48 -0.83 0.00	25.03 -0.76 0.00	22.57 -0.72 0.00	22.92 -0.73 0.00	29.09 -0.91 0.00	24.98 -0.81 0.00	10.58 -0.37 0.00	5.67 -0.19 0.00	6.12 -0.20 0.00	4.41 -0.13 0.00	-1.43 0.04 0.00	-4.22 0.13 0.00	6.62 -0.22 0.00	16.69 -0.52 0.00	26.05 -0.79 0.00	25.90 -0.78 0.00	30.96 -1.02 0.00	32.69 -1.08 0.00	30.53 -0.99 0.00	29.65 -0.98 0.56	27.07 -0.95 1.07	26.33 -0.84 0.15
SENECA___115KV_TB3 355854	29.93 -2.64 0.01	13.72 -2.45 11.36	11.80 -2.68 13.82	9.94 -2.51 13.34	8.23 -2.18 12.87	8.62 -2.10 12.94	13.37 -2.46 14.17	11.54 -1.79 12.45	6.56 -0.66 3.73	5.67 -0.18 0.00	6.25 -0.07 0.00	4.65 0.11 0.00	-1.49 -0.02 0.00	-4.40 -0.05 0.00	6.66 -0.17 0.00	14.84 -0.47 1.89	25.67 -1.17 0.00	25.08 -1.61 0.00	16.78 -1.91 13.29	16.65 -2.20 14.93	15.10 -1.92 14.50	17.25 -1.81 12.12	25.52 -1.79 1.78	25.97 -1.35 0.00
SENECA___ENERGY 23797	31.92 -0.66 0.00	29.14 -0.65 -2.27	30.36 -0.71 -2.76	27.78 -0.67 -2.66	25.24 -0.61 -2.57	25.66 -0.58 -2.58	32.19 -0.64 -2.83	27.69 -0.58 -2.49	11.41 -0.28 -0.74	5.72 -0.13 0.00	6.20 -0.12 0.00	4.50 -0.04 0.00	-1.45 0.02 0.00	-4.31 0.05 0.00	6.69 -0.14 0.00	17.24 -0.35 -0.38	26.54 -0.30 0.00	26.38 -0.31 0.00	34.23 -0.42 -2.67	36.28 -0.48 -2.99	33.99 -0.43 -2.90	33.20 -0.41 -2.43	28.91 -0.54 -0.36	26.90 -0.41 0.00
SHOEMAKER___GT 23640	33.86 1.28 0.00	28.57 1.05 0.00	29.29 0.98 0.00	26.71 0.92 0.00	24.18 0.89 0.00	24.63 0.98 0.00	31.23 1.22 0.00	26.87 1.09 0.00	11.43 0.48 0.00	6.13 0.27 0.00	6.60 0.29 0.00	4.73 0.20 0.00	-1.54 -0.07 0.00	-4.56 -0.21 0.00	7.21 0.37 0.00	18.14 0.93 0.00	28.34 1.50 0.00	28.22 1.53 0.00	34.01 2.03 0.00	35.96 2.19 0.00	33.66 2.15 0.00	33.34 2.15 0.00	30.93 1.84 0.00	28.98 1.66 0.00
SHOEMAKR_138KV_BK 111 55601	33.85 1.27 0.00	28.57 1.05 0.00	29.28 0.97 0.00	26.70 0.92 0.00	24.17 0.89 0.00	24.62 0.97 0.00	31.23 1.23 0.00	26.89 1.11 0.00	11.44 0.49 0.00	6.13 0.28 0.00	6.61 0.30 0.00	4.74 0.20 0.00	-1.55 -0.07 0.00	-4.57 -0.22 0.00	7.22 0.39 0.00	18.17 0.96 0.00	28.37 1.54 0.00	28.25 1.57 0.00	34.03 2.05 0.00	35.97 2.20 0.00	33.66 2.15 0.00	33.33 2.15 0.00	30.93 1.83 0.00	28.98 1.66 0.00
SHOREHAM_IC_1 23715	379.10 2.94 -343.58	94.97 2.43 -65.02	67.10 2.42 -36.38	67.03 2.23 -39.01	63.50 2.07 -38.14	25.92 2.26 0.00	33.03 3.01 -0.01	28.31 2.53 0.00	11.99 1.05 0.00	6.39 0.53 0.00	6.87 0.55 0.00	4.96 0.42 0.00	-1.62 -0.14 0.00	-4.77 -0.42 0.00	12.62 0.69 -5.10	26.62 1.76 -7.66	41.35 2.75 -11.77	48.63 2.74 -19.21	52.14 3.36 -16.80	36.78 3.00 0.00	34.44 2.92 0.00	34.97 2.82 -0.97	36.93 2.47 -5.37	36.72 2.29 -7.12
SHOREHAM_IC_2 23716	379.10 2.94 -343.58	94.97 2.43 -65.02	67.10 2.42 -36.38	67.03 2.23 -39.01	63.50 2.07 -38.14	25.92 2.26 0.00	33.03 3.01 -0.01	28.31 2.53 0.00	11.99 1.05 0.00	6.39 0.53 0.00	6.87 0.55 0.00	4.96 0.42 0.00	-1.62 -0.14 0.00	-4.77 -0.42 0.00	12.62 0.69 -5.10	26.62 1.76 -7.66	41.35 2.75 -11.77	48.63 2.74 -19.21	52.14 3.36 -16.80	36.78 3.00 0.00	34.44 2.92 0.00	34.97 2.82 -0.97	36.93 2.47 -5.37	36.72 2.29 -7.12
SISSONVILLE____ 23735	31.75 -0.83 0.00	26.87 -0.65 0.00	27.73 -0.58 0.00	25.32 -0.47 0.00	22.88 -0.40 0.00	23.24 -0.41 0.00	29.54 -0.47 0.00	25.32 -0.47 0.00	10.72 -0.22 0.00	5.72 -0.13 0.00	6.15 -0.16 0.00	4.41 -0.13 0.00	-1.43 0.04 0.00	-4.22 0.13 0.00	6.57 -0.26 0.00	16.67 -0.53 0.00	25.98 -0.86 0.00	25.89 -0.80 0.00	30.85 -1.13 0.00	32.60 -1.17 0.00	30.25 -1.27 0.00	25.04 -1.44 4.71	18.48 -1.56 9.05	24.62 -1.42 1.27
SITHE_IND_GS1 24169	31.68 -0.90 0.00	26.74 -0.79 0.00	27.50 -0.81 0.00	25.04 -0.75 0.00	22.57 -0.71 0.00	22.93 -0.72 0.00	29.11 -0.90 0.00	25.00 -0.79 0.00	10.60 -0.34 0.00	5.68 -0.17 0.00	6.14 -0.18 0.00	4.43 -0.11 0.00	-1.43 0.04 0.00	-4.24 0.11 0.00	6.64 -0.19 0.00	16.72 -0.49 0.00	26.03 -0.81 0.00	25.82 -0.86 0.00	30.86 -1.12 0.00	32.57 -1.21 0.00	30.42 -1.10 0.00	30.11 -1.07 0.00	28.07 -1.02 0.00	26.43 -0.88 0.00

SITHE_IND_GS2 24170	31.68 -0.90 0.00	26.74 -0.79 0.00	27.50 -0.81 0.00	25.04 -0.75 0.00	22.57 -0.71 0.00	22.93 -0.72 0.00	29.11 -0.90 0.00	25.00 -0.79 0.00	10.60 -0.34 0.00	5.68 -0.17 0.00	6.14 -0.18 0.00	4.43 -0.11 0.00	-1.43 0.04 0.00	-4.24 0.11 0.00	6.64 -0.19 0.00	16.72 -0.49 0.00	26.03 -0.81 0.00	25.82 -0.86 0.00	30.86 -1.12 0.00	32.57 -1.21 0.00	30.42 -1.10 0.00	30.11 -1.07 0.00	28.07 -1.02 0.00	26.43 -0.88 0.00
SITHE_IND_GS3 24171	31.68 -0.90 0.00	26.74 -0.79 0.00	27.50 -0.81 0.00	25.04 -0.75 0.00	22.57 -0.71 0.00	22.93 -0.72 0.00	29.11 -0.90 0.00	25.00 -0.79 0.00	10.60 -0.34 0.00	5.68 -0.17 0.00	6.14 -0.18 0.00	4.43 -0.11 0.00	-1.43 0.04 0.00	-4.24 0.11 0.00	6.64 -0.19 0.00	16.72 -0.49 0.00	26.03 -0.81 0.00	25.82 -0.86 0.00	30.86 -1.12 0.00	32.57 -1.21 0.00	30.42 -1.10 0.00	30.11 -1.07 0.00	28.07 -1.02 0.00	26.43 -0.88 0.00
SITHE_IND_GS4 24172	31.68 -0.90 0.00	26.74 -0.79 0.00	27.50 -0.81 0.00	25.04 -0.75 0.00	22.57 -0.71 0.00	22.93 -0.72 0.00	29.11 -0.90 0.00	25.00 -0.79 0.00	10.60 -0.34 0.00	5.68 -0.17 0.00	6.14 -0.18 0.00	4.43 -0.11 0.00	-1.43 0.04 0.00	-4.24 0.11 0.00	6.64 -0.19 0.00	16.72 -0.49 0.00	26.03 -0.81 0.00	25.82 -0.86 0.00	30.86 -1.12 0.00	32.57 -1.21 0.00	30.42 -1.10 0.00	30.11 -1.07 0.00	28.07 -1.02 0.00	26.43 -0.88 0.00
SITHE___BATAVIA 24024	30.79 -1.79 0.00	20.10 -1.67 5.76	19.46 -1.84 7.01	17.30 -1.72 6.76	15.28 -1.48 6.53	15.69 -1.41 6.56	21.16 -1.66 7.19	18.19 -1.28 6.31	8.51 -0.55 1.89	5.67 -0.19 0.00	6.23 -0.09 0.00	4.60 0.06 0.00	-1.48 -0.01 0.00	-4.37 -0.02 0.00	6.71 -0.13 0.00	16.17 -0.08 0.96	26.28 -0.55 0.00	25.76 -0.92 0.00	24.16 -1.09 6.73	24.79 -1.42 7.56	23.09 -1.08 7.35	24.07 -0.97 6.14	27.15 -1.04 0.90	26.56 -0.75 0.00
SITHE___INDEPEND 23800	31.68 -0.90 0.00	26.73 -0.79 0.00	27.50 -0.81 0.00	25.04 -0.75 0.00	22.57 -0.72 0.00	22.93 -0.72 0.00	29.10 -0.90 0.00	25.00 -0.79 0.00	10.60 -0.34 0.00	5.68 -0.17 0.00	6.14 -0.18 0.00	4.43 -0.11 0.00	-1.43 0.04 0.00	-4.24 0.11 0.00	6.64 -0.19 0.00	16.72 -0.49 0.00	26.02 -0.81 0.00	25.82 -0.86 0.00	30.85 -1.13 0.00	32.57 -1.21 0.00	30.42 -1.09 0.00	30.11 -1.07 0.00	28.07 -1.02 0.00	26.43 -0.88 0.00
SITHE___MASSENA 23902	32.41 -0.17 0.00	27.44 -0.09 0.00	28.26 -0.05 0.00	25.76 -0.03 0.00	23.27 -0.01 0.00	23.66 0.01 0.00	30.05 0.05 0.00	25.83 0.04 0.00	10.97 0.02 0.00	5.87 0.01 0.00	6.31 0.00 0.00	4.54 0.00 0.00	-1.47 0.00 0.00	-4.35 0.01 0.00	6.80 -0.04 0.00	17.16 -0.05 0.00	26.73 -0.11 0.00	26.57 -0.11 0.00	31.70 -0.28 0.00	33.48 -0.30 0.00	31.09 -0.42 0.00	28.64 -0.55 1.99	24.43 -0.73 3.93	26.05 -0.71 0.55
SITHE___OGDNSBRG 24021	32.59 0.01 0.00	27.60 0.07 0.00	28.46 0.15 0.00	25.95 0.16 0.00	23.46 0.18 0.00	23.87 0.21 0.00	30.26 0.25 0.00	25.77 -0.01 0.00	10.91 -0.03 0.00	5.83 -0.03 0.00	6.27 -0.05 0.00	4.49 -0.04 0.00	-1.46 0.01 0.00	-4.31 0.05 0.00	6.73 -0.11 0.00	17.11 -0.09 0.00	26.74 -0.10 0.00	26.72 0.04 0.00	31.86 -0.12 0.00	33.69 -0.09 0.00	31.28 -0.23 0.00	27.15 -0.39 3.65	21.39 -0.64 7.06	25.69 -0.63 0.99
SITHE___STERLING 23777	33.00 0.42 0.00	27.82 0.30 0.00	28.66 0.35 0.00	26.12 0.33 0.00	23.57 0.29 0.00	23.95 0.29 0.00	30.39 0.39 0.00	25.95 0.17 0.00	10.94 -0.01 0.00	5.83 -0.03 0.00	6.28 -0.03 0.00	4.51 -0.03 0.00	-1.47 0.01 0.00	-4.32 0.04 0.00	6.80 -0.03 0.00	17.19 -0.01 0.00	26.93 0.09 0.00	27.19 0.51 0.00	32.67 0.69 0.00	34.47 0.70 0.00	32.18 0.66 0.00	34.62 0.55 -2.88	34.96 0.42 -5.45	28.45 0.37 -0.77
SLEIGHT__34_KV_TB1 80719	31.49 -1.09 0.00	26.46 -1.06 0.00	27.18 -1.12 0.00	24.73 -1.05 0.00	22.35 -0.94 0.00	22.75 -0.91 0.00	28.92 -1.09 0.00	24.87 -0.91 0.00	10.55 -0.40 0.00	5.67 -0.18 0.00	6.17 -0.15 0.00	4.49 -0.05 0.00	-1.45 0.02 0.00	-4.29 0.07 0.00	6.68 -0.15 0.00	16.86 -0.35 0.00	26.36 -0.47 0.00	26.11 -0.58 0.00	31.17 -0.81 0.00	32.87 -0.91 0.00	30.74 -0.77 0.00	30.46 -0.73 0.00	28.29 -0.80 0.00	26.67 -0.65 0.00
SOUTH CAIRO___GT 23612	34.28 1.70 0.00	28.92 1.40 0.00	29.71 1.40 0.00	27.06 1.27 0.00	24.46 1.18 0.00	24.87 1.22 0.00	31.38 1.37 0.00	26.84 1.06 0.00	11.29 0.35 0.00	5.97 0.12 0.00	6.42 0.10 0.00	4.59 0.05 0.00	-1.50 -0.03 0.00	-4.42 -0.07 0.00	6.96 0.13 0.00	17.56 0.35 0.00	27.53 0.70 0.00	27.59 0.91 0.00	33.44 1.46 0.00	35.70 1.92 0.00	33.46 1.94 0.00	33.12 1.93 0.00	30.88 1.79 0.00	29.06 1.75 0.00
SOUTH HAMPTN___IC 23720	364.40 3.29 -328.53	92.31 2.72 -62.06	65.84 2.80 -34.72	65.62 2.60 -37.24	62.05 2.37 -36.40	26.22 2.57 0.00	33.43 3.41 -0.01	28.62 2.84 0.00	12.11 1.16 0.00	6.45 0.60 0.00	6.92 0.61 0.00	4.97 0.43 0.00	-1.61 -0.14 0.00	-4.76 -0.40 0.00	12.60 0.67 -5.09	26.56 1.71 -7.65	41.27 2.69 -11.75	48.60 2.73 -19.19	52.13 3.37 -16.78	36.86 3.08 0.00	34.51 2.99 0.00	35.00 2.85 -0.97	36.93 2.47 -5.37	36.69 2.27 -7.11
SOUTHDOW__115KV_TB1 355954	30.46 -2.12 0.00	18.69 -2.09 6.75	17.72 -2.38 8.21	15.69 -2.18 7.92	13.80 -1.84 7.65	14.28 -1.69 7.68	19.72 -1.87 8.42	17.12 -1.27 7.40	8.29 -0.44 2.22	5.81 -0.04 0.00	6.40 0.09 0.00	4.73 0.19 0.00	-1.49 -0.02 0.00	-4.40 -0.05 0.00	6.77 -0.07 0.00	16.12 0.04 1.13	26.30 -0.53 0.00	25.38 -1.31 0.00	22.54 -1.55 7.89	23.41 -1.50 8.87	21.65 -1.25 8.61	22.69 -1.30 7.20	26.67 -1.37 1.06	26.29 -1.02 0.00
SOUTHOLD_69_KV_BK 2 55809	364.38 3.16 -328.64	92.22 2.61 -62.09	66.09 3.05 -34.74	65.85 2.81 -37.25	62.23 2.53 -36.41	26.40 2.74 0.00	33.67 3.65 -0.01	28.79 3.01 0.00	12.16 1.21 0.00	6.48 0.62 0.00	6.93 0.62 0.00	4.96 0.42 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	12.55 0.62 -5.09	26.42 1.56 -7.65	41.06 2.47 -11.75	48.42 2.54 -19.19	51.96 3.20 -16.78	36.68 2.90 0.00	34.32 2.80 0.00	34.80 2.65 -0.97	36.72 2.26 -5.37	36.48 2.05 -7.11
SOUTHOLD___IC 23719	364.38 3.16 -328.64	92.22 2.61 -62.09	66.08 3.04 -34.74	65.84 2.81 -37.25	62.23 2.53 -36.41	26.40 2.74 0.00	33.67 3.65 -0.01	28.79 3.01 0.00	12.15 1.21 0.00	6.48 0.62 0.00	6.93 0.62 0.00	4.96 0.42 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	12.55 0.62 -5.09	26.42 1.56 -7.65	41.06 2.48 -11.75	48.42 2.54 -19.19	51.95 3.19 -16.78	36.68 2.90 0.00	34.32 2.80 0.00	34.79 2.64 -0.97	36.72 2.26 -5.37	36.48 2.05 -7.11
SOUTH_FORK_WT_PWR 323839	364.64 3.49 -328.57	92.48 2.88 -62.07	66.17 3.14 -34.73	65.92 2.90 -37.24	62.27 2.58 -36.41	26.44 2.79 0.00	33.75 3.73 -0.01	28.82 3.03 0.00	12.15 1.20 0.00	6.47 0.62 0.00	6.91 0.60 0.00	4.92 0.38 0.00	-1.59 -0.11 0.00	-4.67 -0.32 0.00	12.47 0.54 -5.09	26.19 1.33 -7.65	40.70 2.11 -11.75	48.09 2.21 -19.19	51.57 2.81 -16.78	36.25 2.48 0.00	33.91 2.40 0.00	34.38 2.22 -0.97	36.32 1.86 -5.37	36.09 1.66 -7.11

SPIERFLS_115KV_TB1 80737	34.15 1.56 0.00	28.87 1.35 0.00	29.67 1.36 0.00	26.97 1.18 0.00	24.40 1.12 0.00	24.82 1.17 0.00	31.48 1.48 0.00	26.91 1.12 0.00	11.33 0.38 0.00	5.98 0.13 0.00	6.44 0.12 0.00	4.61 0.06 0.00	-1.50 -0.02 0.00	-4.44 -0.08 0.00	7.01 0.17 0.00	17.67 0.46 0.00	27.65 0.81 0.00	27.78 1.09 0.00	33.88 1.90 0.00	36.04 2.26 0.00	33.73 2.21 0.00	33.32 2.13 0.00	30.91 1.82 0.00	29.00 1.68 0.00
ST LAWRENCE____ 23600	32.24 -0.34 0.00	27.29 -0.23 0.00	28.09 -0.22 0.00	25.61 -0.18 0.00	23.13 -0.15 0.00	23.51 -0.15 0.00	29.85 -0.16 0.00	25.68 -0.10 0.00	10.92 -0.03 0.00	5.84 -0.02 0.00	6.29 -0.03 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.33 0.02 0.00	6.78 -0.05 0.00	17.09 -0.11 0.00	26.63 -0.20 0.00	26.45 -0.23 0.00	31.58 -0.40 0.00	33.33 -0.44 0.00	30.96 -0.56 0.00	29.25 -0.69 1.25	25.72 -0.84 2.53	26.15 -0.82 0.36
STATE_CA_115KV_115_LB 55624	33.56 0.98 0.00	28.35 0.83 0.00	29.13 0.82 0.00	26.53 0.74 0.00	23.97 0.69 0.00	24.35 0.69 0.00	30.70 0.70 0.00	26.33 0.54 0.00	11.14 0.20 0.00	5.92 0.07 0.00	6.38 0.06 0.00	4.57 0.02 0.00	-1.48 -0.01 0.00	-4.39 -0.04 0.00	6.93 0.10 0.00	17.47 0.26 0.00	27.33 0.49 0.00	27.28 0.60 0.00	32.82 0.84 0.00	34.68 0.91 0.00	32.45 0.93 0.00	32.14 0.96 0.00	30.07 0.98 0.00	28.38 1.07 0.00
STATE_ST_34_KV_LOAD 55959	32.52 -0.06 0.00	27.33 -0.19 0.00	28.17 -0.13 0.00	25.67 -0.12 0.00	23.14 -0.14 0.00	23.55 -0.10 0.00	29.94 -0.07 0.00	25.66 -0.13 0.00	10.84 -0.11 0.00	5.78 -0.08 0.00	6.26 -0.06 0.00	4.51 -0.03 0.00	-1.46 0.01 0.00	-4.34 0.02 0.00	6.75 -0.09 0.00	17.00 -0.20 0.00	26.70 -0.13 0.00	26.64 -0.05 0.00	31.90 -0.09 0.00	33.69 -0.09 0.00	31.47 -0.04 0.00	31.21 0.02 0.00	28.92 -0.17 0.00	27.22 -0.09 0.00
STATION 5_MISC_HYD 23604	31.36 -1.22 0.00	26.33 -1.19 0.00	27.00 -1.31 0.00	24.55 -1.24 0.00	22.20 -1.08 0.00	22.61 -1.04 0.00	28.76 -1.24 0.00	24.83 -0.96 0.00	10.57 -0.38 0.00	5.73 -0.12 0.00	6.26 -0.06 0.00	4.58 0.04 0.00	-1.48 0.00 0.00	-4.36 -0.01 0.00	6.79 -0.05 0.00	17.15 -0.06 0.00	26.50 -0.34 0.00	26.11 -0.57 0.00	31.19 -0.79 0.00	32.84 -0.94 0.00	30.75 -0.76 0.00	30.47 -0.71 0.00	28.33 -0.76 0.00	26.77 -0.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.67 -0.91 0.00	26.62 -0.90 0.00	27.33 -0.98 0.00	24.86 -0.93 0.00	22.46 -0.82 0.00	22.87 -0.79 0.00	29.08 -0.92 0.00	25.03 -0.75 0.00	10.63 -0.32 0.00	5.73 -0.12 0.00	6.23 -0.08 0.00	4.54 0.00 0.00	-1.46 0.01 0.00	-4.33 0.02 0.00	6.75 -0.08 0.00	17.05 -0.16 0.00	26.58 -0.26 0.00	26.29 -0.40 0.00	31.41 -0.58 0.00	33.10 -0.68 0.00	30.97 -0.55 0.00	30.66 -0.53 0.00	28.49 -0.61 0.00	26.87 -0.44 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.21 -1.37 0.00	26.21 -1.32 0.00	26.86 -1.44 0.00	24.44 -1.35 0.00	22.09 -1.19 0.00	22.50 -1.15 0.00	28.60 -1.40 0.00	24.68 -1.10 0.00	10.52 -0.43 0.00	5.70 -0.15 0.00	6.22 -0.10 0.00	4.54 0.00 0.00	-1.46 0.01 0.00	-4.33 0.02 0.00	6.74 -0.09 0.00	17.03 -0.18 0.00	26.35 -0.49 0.00	25.96 -0.72 0.00	30.98 -1.01 0.00	32.64 -1.13 0.00	30.56 -0.96 0.00	30.27 -0.91 0.00	28.17 -0.92 0.00	26.61 -0.71 0.00
STA_56____34_KV_BUS2 355983	31.21 -1.37 0.00	26.21 -1.32 0.00	26.86 -1.44 0.00	24.44 -1.35 0.00	22.09 -1.19 0.00	22.50 -1.15 0.00	28.60 -1.40 0.00	24.68 -1.10 0.00	10.52 -0.43 0.00	5.70 -0.15 0.00	6.22 -0.10 0.00	4.54 0.00 0.00	-1.46 0.01 0.00	-4.33 0.02 0.00	6.74 -0.09 0.00	17.03 -0.18 0.00	26.35 -0.49 0.00	25.96 -0.72 0.00	30.98 -1.01 0.00	32.64 -1.13 0.00	30.56 -0.96 0.00	30.27 -0.91 0.00	28.17 -0.92 0.00	26.61 -0.71 0.00
STA_67____115KV_BK2 355882	31.32 -1.27 0.00	26.28 -1.24 0.00	26.94 -1.37 0.00	24.51 -1.28 0.00	22.16 -1.12 0.00	22.57 -1.08 0.00	28.70 -1.31 0.00	24.78 -1.01 0.00	10.56 -0.39 0.00	5.73 -0.13 0.00	6.25 -0.06 0.00	4.57 0.03 0.00	-1.47 0.00 0.00	-4.36 0.00 0.00	6.78 -0.06 0.00	17.11 -0.09 0.00	26.46 -0.38 0.00	26.06 -0.62 0.00	31.09 -0.89 0.00	32.75 -1.03 0.00	30.67 -0.84 0.00	30.40 -0.79 0.00	28.29 -0.80 0.00	26.73 -0.59 0.00
STA_7____115KV_9TRANS 80674	31.46 -1.12 0.00	26.40 -1.12 0.00	27.07 -1.24 0.00	24.62 -1.17 0.00	22.26 -1.03 0.00	22.68 -0.98 0.00	28.82 -1.18 0.00	24.89 -0.90 0.00	10.60 -0.34 0.00	5.75 -0.11 0.00	6.28 -0.04 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.37 -0.02 0.00	6.82 -0.02 0.00	17.22 0.01 0.00	26.61 -0.23 0.00	26.22 -0.47 0.00	31.28 -0.70 0.00	32.95 -0.82 0.00	30.87 -0.65 0.00	30.58 -0.60 0.00	28.45 -0.64 0.00	26.87 -0.45 0.00
STA_82____115KV_TB1 80780	31.26 -1.32 0.00	26.24 -1.29 0.00	26.90 -1.41 0.00	24.47 -1.32 0.00	22.12 -1.16 0.00	22.54 -1.12 0.00	28.65 -1.35 0.00	24.74 -1.05 0.00	10.54 -0.40 0.00	5.72 -0.14 0.00	6.24 -0.07 0.00	4.57 0.02 0.00	-1.47 0.00 0.00	-4.35 0.00 0.00	6.76 -0.07 0.00	17.08 -0.13 0.00	26.40 -0.43 0.00	26.01 -0.68 0.00	31.03 -0.95 0.00	32.69 -1.09 0.00	30.61 -0.90 0.00	30.34 -0.84 0.00	28.24 -0.85 0.00	26.68 -0.64 0.00
STEEL____WIND 323596	29.88 -2.69 0.01	13.68 -2.48 11.36	11.76 -2.72 13.82	9.91 -2.54 13.34	8.18 -2.23 12.87	8.58 -2.14 12.94	13.33 -2.51 14.17	11.50 -1.83 12.45	6.54 -0.68 3.73	5.66 -0.20 0.00	6.24 -0.07 0.00	4.64 0.10 0.00	-1.49 -0.01 0.00	-4.40 -0.04 0.00	6.65 -0.18 0.00	14.81 -0.51 1.89	25.63 -1.21 0.00	25.05 -1.64 0.00	16.76 -1.93 13.29	16.60 -2.24 14.93	15.05 -1.97 14.50	17.21 -1.86 12.12	25.47 -1.84 1.78	25.94 -1.38 0.00
STEPHTWN_115KV_BK_2 55603	33.66 1.08 0.00	28.45 0.93 0.00	29.24 0.93 0.00	26.62 0.83 0.00	24.07 0.78 0.00	24.45 0.79 0.00	30.83 0.83 0.00	26.44 0.65 0.00	11.20 0.25 0.00	5.95 0.09 0.00	6.39 0.08 0.00	4.57 0.03 0.00	-1.49 -0.01 0.00	-4.39 -0.04 0.00	6.94 0.10 0.00	17.49 0.28 0.00	27.36 0.53 0.00	27.33 0.65 0.00	32.92 0.93 0.00	34.78 1.01 0.00	32.54 1.03 0.00	32.24 1.05 0.00	30.17 1.07 0.00	28.47 1.15 0.00
STEBEN_REC_LFGE 323667	31.14 -1.46 -0.01	47.72 -1.33 -21.52	52.90 -1.61 -26.20	49.46 -1.61 -25.28	46.17 -1.51 -24.40	46.54 -1.64 -24.52	55.17 -1.70 -26.86	48.20 -1.19 -23.60	17.50 -0.51 -7.07	5.64 -0.22 0.00	6.13 -0.19 0.00	4.52 -0.02 0.00	-1.41 0.07 0.00	-4.24 0.11 0.00	6.36 -0.47 0.00	19.67 -1.13 -3.60	25.50 -1.34 0.00	25.81 -0.88 0.00	56.14 -1.10 -25.26	60.62 -1.48 -28.33	57.52 -1.52 -27.52	52.71 -1.48 -23.00	30.86 -1.61 -3.38	26.09 -1.23 0.00
STILLWATER____SOLAR 323814	34.00 1.42 0.00	28.72 1.20 0.00	29.51 1.20 0.00	26.85 1.07 0.00	24.28 1.00 0.00	24.69 1.03 0.00	31.27 1.27 0.00	26.75 0.97 0.00	11.28 0.33 0.00	5.97 0.11 0.00	6.43 0.11 0.00	4.60 0.05 0.00	-1.49 -0.02 0.00	-4.42 -0.07 0.00	6.97 0.14 0.00	17.60 0.39 0.00	27.55 0.71 0.00	27.61 0.93 0.00	33.52 1.54 0.00	35.58 1.81 0.00	33.29 1.78 0.00	32.95 1.76 0.00	30.66 1.57 0.00	28.79 1.47 0.00

STONY___BROOK 24151	457.43 2.41 -422.44	110.06 2.01 -80.53	75.28 1.91 -45.05	75.89 1.79 -48.31	72.20 1.69 -47.24	25.56 1.91 0.00	32.61 2.60 -0.01	28.00 2.22 0.00	11.88 0.94 0.00	6.37 0.52 0.00	6.86 0.54 0.00	4.94 0.40 0.00	-1.61 -0.14 0.00	-4.75 -0.40 0.00	12.62 0.67 -5.12	26.59 1.71 -7.68	41.30 2.67 -11.80	48.58 2.62 -19.27	52.00 3.17 -16.85	36.78 3.01 0.00	34.45 2.93 0.00	35.10 2.94 -0.97	37.16 2.68 -5.39	36.99 2.53 -7.14
STURGEON_POOL_HYD 23609	34.01 1.43 0.00	28.72 1.19 0.00	29.43 1.12 0.00	26.84 1.05 0.00	24.29 1.01 0.00	24.75 1.10 0.00	31.42 1.42 0.00	27.08 1.30 0.00	11.53 0.58 0.00	6.18 0.33 0.00	6.66 0.35 0.00	4.78 0.24 0.00	-1.55 -0.08 0.00	-4.59 -0.24 0.00	7.26 0.43 0.00	18.29 1.09 0.00	28.61 1.77 0.00	28.48 1.80 0.00	34.29 2.30 0.00	36.21 2.43 0.00	33.89 2.38 0.00	33.58 2.39 0.00	31.14 2.04 0.00	29.16 1.84 0.00
ST_LAW_115_BK7_LBMP 345037	32.21 -0.37 0.00	27.27 -0.26 0.00	28.08 -0.23 0.00	25.59 -0.20 0.00	23.12 -0.17 0.00	23.49 -0.16 0.00	29.83 -0.18 0.00	25.67 -0.11 0.00	10.92 -0.03 0.00	5.84 -0.02 0.00	6.28 -0.03 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.33 0.03 0.00	6.78 -0.06 0.00	17.07 -0.13 0.00	26.60 -0.24 0.00	26.42 -0.27 0.00	31.54 -0.45 0.00	33.29 -0.48 0.00	30.93 -0.59 0.00	29.04 -0.72 1.43	25.34 -0.88 2.87	26.06 -0.86 0.40
ST_LAW_115_BK8_LBMP 345038	32.21 -0.37 0.00	27.27 -0.26 0.00	28.08 -0.23 0.00	25.59 -0.20 0.00	23.12 -0.17 0.00	23.49 -0.16 0.00	29.83 -0.18 0.00	25.67 -0.11 0.00	10.92 -0.03 0.00	5.84 -0.02 0.00	6.28 -0.03 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.33 0.03 0.00	6.78 -0.06 0.00	17.07 -0.13 0.00	26.60 -0.24 0.00	26.42 -0.27 0.00	31.54 -0.45 0.00	33.29 -0.48 0.00	30.93 -0.59 0.00	29.04 -0.72 1.43	25.34 -0.88 2.87	26.06 -0.86 0.40
ST_LAW_230_BK5_LBMP 345035	32.24 -0.34 0.00	27.29 -0.23 0.00	28.09 -0.22 0.00	25.61 -0.18 0.00	23.13 -0.15 0.00	23.51 -0.15 0.00	29.85 -0.16 0.00	25.68 -0.10 0.00	10.92 -0.03 0.00	5.84 -0.02 0.00	6.29 -0.03 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.33 0.02 0.00	6.78 -0.05 0.00	17.09 -0.11 0.00	26.63 -0.20 0.00	26.45 -0.23 0.00	31.58 -0.40 0.00	33.33 -0.44 0.00	30.96 -0.56 0.00	29.40 -0.69 1.09	26.01 -0.84 2.24	26.19 -0.82 0.31
ST_LAW_230_BK6_LBMP 345036	32.24 -0.34 0.00	27.29 -0.23 0.00	28.09 -0.22 0.00	25.61 -0.18 0.00	23.13 -0.15 0.00	23.51 -0.15 0.00	29.85 -0.16 0.00	25.68 -0.10 0.00	10.92 -0.03 0.00	5.84 -0.02 0.00	6.29 -0.03 0.00	4.52 -0.02 0.00	-1.47 0.01 0.00	-4.33 0.02 0.00	6.78 -0.05 0.00	17.09 -0.11 0.00	26.63 -0.20 0.00	26.45 -0.23 0.00	31.58 -0.40 0.00	33.33 -0.44 0.00	30.96 -0.56 0.00	29.40 -0.69 1.09	26.01 -0.84 2.24	26.19 -0.82 0.31
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.96 1.38 0.00	28.66 1.13 0.00	29.37 1.06 0.00	26.78 1.00 0.00	24.25 0.97 0.00	24.71 1.06 0.00	31.35 1.34 0.00	27.02 1.23 0.00	11.50 0.55 0.00	6.17 0.32 0.00	6.66 0.34 0.00	4.78 0.24 0.00	-1.56 -0.08 0.00	-4.61 -0.25 0.00	7.28 0.45 0.00	18.33 1.12 0.00	28.62 1.79 0.00	28.49 1.80 0.00	34.28 2.30 0.00	36.19 2.41 0.00	33.85 2.34 0.00	33.51 2.32 0.00	31.08 1.99 0.00	29.13 1.81 0.00
SWANROAD_115KV_TB1 355699	29.21 -3.36 0.01	15.70 -2.99 8.83	14.35 -3.20 10.75	12.45 -2.96 10.38	10.69 -2.58 10.01	11.07 -2.52 10.06	15.92 -3.06 11.02	13.81 -2.29 9.69	7.20 -0.84 2.90	5.55 -0.30 0.00	6.14 -0.18 0.00	4.57 0.03 0.00	-1.48 0.00 0.00	-4.36 0.00 0.00	6.54 -0.29 0.00	14.89 -0.84 1.47	24.90 -1.93 0.00	24.33 -2.36 0.00	18.95 -2.69 10.34	19.07 -3.10 11.61	17.53 -2.70 11.28	19.19 -2.57 9.43	25.25 -2.46 1.39	25.32 -2.00 0.00
SYNERGY___BIOGAS 323694	30.79 -1.79 0.00	20.08 -1.69 5.76	19.44 -1.86 7.01	17.29 -1.74 6.76	15.26 -1.49 6.53	15.67 -1.42 6.56	21.12 -1.70 7.19	18.17 -1.30 6.31	8.51 -0.55 1.89	5.67 -0.19 0.00	6.23 -0.09 0.00	4.59 0.06 0.00	-1.48 -0.01 0.00	-4.37 -0.02 0.00	6.71 -0.13 0.00	16.16 -0.08 0.96	26.28 -0.55 0.00	25.76 -0.92 0.00	24.08 -1.17 6.73	24.76 -1.46 7.56	23.06 -1.11 7.35	24.05 -1.00 6.14	27.15 -1.04 0.90	26.56 -0.75 0.00
SYRACUSE___ENERGY_ST1 323597	32.32 -0.26 0.00	27.26 -0.27 0.00	28.05 -0.26 0.00	25.54 -0.25 0.00	23.03 -0.25 0.00	23.41 -0.25 0.00	29.72 -0.28 0.00	25.50 -0.29 0.00	10.79 -0.16 0.00	5.77 -0.08 0.00	6.24 -0.08 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.74 -0.09 0.00	17.00 -0.20 0.00	26.61 -0.23 0.00	26.50 -0.18 0.00	31.70 -0.29 0.00	33.46 -0.31 0.00	31.26 -0.26 0.00	30.93 -0.25 0.00	28.76 -0.33 0.00	27.07 -0.25 0.00
SYRACUSE___ENERGY_ST2 323598	32.32 -0.26 0.00	27.26 -0.27 0.00	28.05 -0.26 0.00	25.54 -0.25 0.00	23.03 -0.25 0.00	23.41 -0.25 0.00	29.72 -0.28 0.00	25.50 -0.29 0.00	10.79 -0.16 0.00	5.77 -0.08 0.00	6.24 -0.08 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.74 -0.09 0.00	17.00 -0.20 0.00	26.61 -0.23 0.00	26.50 -0.18 0.00	31.70 -0.29 0.00	33.46 -0.31 0.00	31.26 -0.26 0.00	30.93 -0.25 0.00	28.76 -0.33 0.00	27.07 -0.25 0.00
SYRACUSE___POWER 24017	32.29 -0.29 0.00	27.24 -0.28 0.00	28.02 -0.29 0.00	25.50 -0.29 0.00	23.01 -0.27 0.00	23.38 -0.27 0.00	29.70 -0.30 0.00	25.49 -0.30 0.00	10.79 -0.16 0.00	5.78 -0.08 0.00	6.24 -0.07 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.75 -0.08 0.00	17.02 -0.19 0.00	26.60 -0.23 0.00	26.51 -0.17 0.00	31.73 -0.25 0.00	33.50 -0.27 0.00	31.29 -0.22 0.00	30.95 -0.23 0.00	28.79 -0.31 0.00	27.10 -0.22 0.00
TALLMAN__138KV_BK151 55660	34.10 1.52 0.00	28.77 1.25 0.00	29.47 1.16 0.00	26.88 1.09 0.00	24.34 1.06 0.00	24.81 1.16 0.00	31.49 1.49 0.00	27.16 1.37 0.00	11.57 0.62 0.00	6.22 0.36 0.00	6.71 0.39 0.00	4.82 0.28 0.00	-1.58 -0.10 0.00	-4.65 -0.30 0.00	7.35 0.52 0.00	18.51 1.30 0.00	28.89 2.06 0.00	28.73 2.04 0.00	34.53 2.55 0.00	36.45 2.67 0.00	34.08 2.56 0.00	33.73 2.55 0.00	31.28 2.18 0.00	29.29 1.98 0.00
TEALLAVE_115KV_TB7 355573	32.14 -0.45 0.00	27.10 -0.41 0.00	27.88 -0.43 0.00	25.37 -0.42 0.00	22.89 -0.39 0.00	23.26 -0.39 0.00	29.53 -0.47 0.00	25.36 -0.43 0.00	10.74 -0.20 0.00	5.76 -0.10 0.00	6.22 -0.10 0.00	4.49 -0.05 0.00	-1.45 0.02 0.00	-4.30 0.06 0.00	6.73 -0.10 0.00	16.96 -0.24 0.00	26.49 -0.35 0.00	26.36 -0.32 0.00	31.53 -0.45 0.00	33.28 -0.50 0.00	31.09 -0.43 0.00	30.76 -0.43 0.00	28.62 -0.47 0.00	26.94 -0.38 0.00
TELGRAPH_34_KV_EAST 80808	30.06 -2.51 0.00	17.95 -2.30 7.27	16.97 -2.49 8.85	14.94 -2.31 8.54	13.04 -2.00 8.24	13.43 -1.94 8.28	18.60 -2.33 9.07	16.07 -1.74 7.97	7.90 -0.66 2.39	5.63 -0.22 0.00	6.21 -0.10 0.00	4.61 0.07 0.00	-1.48 -0.01 0.00	-4.38 -0.03 0.00	6.66 -0.17 0.00	15.57 -0.42 1.21	25.64 -1.20 0.00	25.10 -1.59 0.00	21.58 -1.89 8.51	22.00 -2.22 9.55	20.39 -1.85 9.28	21.70 -1.73 7.76	26.26 -1.69 1.14	26.01 -1.31 0.00

TEMPLE___115KV_TB 2 55572	32.14 -0.44 0.00	27.11 -0.41 0.00	27.88 -0.42 0.00	25.39 -0.40 0.00	22.90 -0.38 0.00	23.27 -0.39 0.00	29.54 -0.46 0.00	25.37 -0.42 0.00	10.75 -0.20 0.00	5.76 -0.09 0.00	6.22 -0.09 0.00	4.49 -0.05 0.00	-1.46 0.02 0.00	-4.30 0.05 0.00	6.74 -0.10 0.00	16.98 -0.23 0.00	26.51 -0.32 0.00	26.38 -0.31 0.00	31.55 -0.43 0.00	33.30 -0.47 0.00	31.11 -0.41 0.00	30.78 -0.41 0.00	28.64 -0.45 0.00	26.95 -0.37 0.00
TIANA___69_KV_BK 1 55817	364.42 3.20 -328.64	92.25 2.64 -62.09	65.73 2.69 -34.74	65.53 2.49 -37.25	61.98 2.28 -36.41	26.14 2.48 0.00	33.32 3.30 -0.01	28.54 2.75 0.00	12.08 1.13 0.00	6.44 0.58 0.00	6.91 0.60 0.00	4.97 0.43 0.00	-1.62 -0.14 0.00	-4.77 -0.42 0.00	12.62 0.69 -5.09	26.61 1.75 -7.65	41.34 2.76 -11.75	48.65 2.78 -19.19	52.20 3.44 -16.78	36.93 3.15 0.00	34.57 3.05 0.00	35.09 2.94 -0.97	37.02 2.56 -5.37	36.79 2.36 -7.11
TILDEN___115KV_TB1 80814	32.29 -0.29 0.00	27.24 -0.28 0.00	28.02 -0.29 0.00	25.50 -0.29 0.00	23.01 -0.27 0.00	23.38 -0.27 0.00	29.70 -0.30 0.00	25.49 -0.30 0.00	10.79 -0.16 0.00	5.78 -0.08 0.00	6.24 -0.07 0.00	4.50 -0.04 0.00	-1.46 0.02 0.00	-4.31 0.04 0.00	6.75 -0.08 0.00	17.02 -0.19 0.00	26.60 -0.23 0.00	26.51 -0.17 0.00	31.73 -0.25 0.00	33.50 -0.27 0.00	31.29 -0.22 0.00	30.95 -0.23 0.00	28.79 -0.31 0.00	27.10 -0.22 0.00
TRIGEN___CC 323695	56.93 1.92 -22.42	29.17 1.64 -0.02	29.86 1.55 0.00	27.25 1.46 0.00	24.66 1.38 0.00	25.16 1.51 0.00	31.98 1.95 -0.03	27.49 1.71 0.00	11.71 0.76 0.00	6.31 0.45 0.00	6.81 0.49 0.00	4.90 0.36 0.00	-1.59 -0.12 0.00	-4.71 -0.36 0.00	16.18 0.61 -8.74	31.83 1.51 -13.12	49.32 2.34 -20.15	61.89 2.30 -32.91	63.59 2.83 -28.78	36.70 2.92 0.00	34.34 2.83 0.00	35.66 2.81 -1.66	40.78 2.49 -9.20	41.84 2.29 -12.23
TRINITY___115KV___ 4 BK 55933	33.46 0.88 0.00	28.27 0.75 0.00	29.05 0.75 0.00	26.46 0.67 0.00	23.92 0.63 0.00	24.28 0.63 0.00	30.61 0.61 0.00	26.25 0.47 0.00	11.11 0.17 0.00	5.91 0.05 0.00	6.36 0.05 0.00	4.55 0.01 0.00	-1.48 -0.01 0.00	-4.38 -0.02 0.00	6.91 0.08 0.00	17.42 0.21 0.00	27.23 0.40 0.00	27.17 0.49 0.00	32.66 0.68 0.00	34.53 0.75 0.00	32.30 0.78 0.00	32.01 0.82 0.00	29.96 0.86 0.00	28.30 0.98 0.00
UNION___PROCESSING_DRP 323587	31.27 -1.32 0.00	26.24 -1.29 0.00	26.90 -1.41 0.00	24.47 -1.31 0.00	22.13 -1.16 0.00	22.54 -1.12 0.00	28.66 -1.35 0.00	24.74 -1.05 0.00	10.54 -0.40 0.00	5.72 -0.14 0.00	6.24 -0.07 0.00	4.57 0.02 0.00	-1.47 0.00 0.00	-4.35 0.00 0.00	6.76 -0.07 0.00	17.08 -0.13 0.00	26.41 -0.43 0.00	26.01 -0.67 0.00	31.03 -0.95 0.00	32.70 -1.08 0.00	30.62 -0.90 0.00	30.35 -0.84 0.00	28.24 -0.85 0.00	26.69 -0.63 0.00
UPPER HUDSON___HYD 24058	34.15 1.56 0.00	28.87 1.35 0.00	29.67 1.36 0.00	26.97 1.18 0.00	24.40 1.12 0.00	24.82 1.17 0.00	31.48 1.48 0.00	26.91 1.12 0.00	11.33 0.38 0.00	5.98 0.13 0.00	6.44 0.12 0.00	4.61 0.06 0.00	-1.49 -0.02 0.00	-4.44 -0.08 0.00	7.01 0.17 0.00	17.67 0.46 0.00	27.65 0.81 0.00	27.78 1.09 0.00	33.88 1.90 0.00	36.04 2.26 0.00	33.73 2.22 0.00	33.32 2.13 0.00	30.91 1.82 0.00	29.00 1.68 0.00
UPPER RAQUET___HYD 24056	31.75 -0.83 0.00	26.87 -0.65 0.00	27.73 -0.58 0.00	25.32 -0.47 0.00	22.88 -0.40 0.00	23.24 -0.41 0.00	29.53 -0.47 0.00	25.32 -0.46 0.00	10.72 -0.22 0.00	5.72 -0.13 0.00	6.15 -0.16 0.00	4.41 -0.13 0.00	-1.43 0.04 0.00	-4.22 0.13 0.00	6.57 -0.26 0.00	16.67 -0.53 0.00	25.98 -0.86 0.00	25.89 -0.79 0.00	30.85 -1.14 0.00	32.60 -1.17 0.00	30.25 -1.27 0.00	25.04 -1.44 4.71	18.48 -1.56 9.05	24.62 -1.42 1.27
VALLEY44___115KV_TB2 355964	30.13 -2.45 0.00	20.10 -2.08 5.34	19.58 -2.24 6.50	17.44 -2.08 6.27	15.43 -1.80 6.05	15.88 -1.70 6.08	21.41 -1.94 6.66	18.60 -1.33 5.85	8.69 -0.51 1.75	5.74 -0.12 0.00	6.29 -0.02 0.00	4.64 0.10 0.00	-1.49 -0.01 0.00	-4.40 -0.05 0.00	6.74 -0.10 0.00	15.97 -0.35 0.89	25.73 -1.10 0.00	25.22 -1.46 0.00	24.14 -1.59 6.26	24.99 -1.76 7.02	23.16 -1.53 6.83	23.91 -1.57 5.70	26.58 -1.67 0.84	26.05 -1.27 0.00
VALLEY___115KV_TB 1-4 80826	33.68 1.10 0.00	28.42 0.89 0.00	29.23 0.92 0.00	26.57 0.79 0.00	24.02 0.74 0.00	24.42 0.76 0.00	30.81 0.81 0.00	26.16 0.38 0.00	10.96 0.02 0.00	5.78 -0.08 0.00	6.19 -0.13 0.00	4.44 -0.10 0.00	-1.44 0.03 0.00	-4.25 0.11 0.00	6.72 -0.12 0.00	16.93 -0.28 0.00	26.44 -0.40 0.00	26.70 0.02 0.00	32.83 0.85 0.00	35.11 1.33 0.00	32.83 1.31 0.00	33.56 1.36 -1.01	32.38 1.38 -1.91	28.74 1.15 -0.27
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.69 1.11 0.00	28.41 0.89 0.00	29.19 0.88 0.00	26.58 0.79 0.00	24.05 0.76 0.00	24.50 0.84 0.00	31.06 1.06 0.00	26.65 0.86 0.00	11.29 0.35 0.00	6.04 0.19 0.00	6.52 0.20 0.00	4.69 0.15 0.00	-1.53 -0.06 0.00	-4.50 -0.14 0.00	7.11 0.28 0.00	17.89 0.68 0.00	27.97 1.14 0.00	27.86 1.18 0.00	33.50 1.52 0.00	35.37 1.60 0.00	33.02 1.50 0.00	32.71 1.52 0.00	30.36 1.27 0.00	28.45 1.13 0.00
VISCHER___FERRY HYD 24020	33.67 1.09 0.00	28.45 0.93 0.00	29.23 0.93 0.00	26.61 0.82 0.00	24.06 0.77 0.00	24.44 0.79 0.00	30.91 0.91 0.00	26.49 0.70 0.00	11.20 0.25 0.00	5.93 0.08 0.00	6.39 0.08 0.00	4.57 0.03 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.93 0.10 0.00	17.48 0.27 0.00	27.34 0.51 0.00	27.35 0.66 0.00	33.03 1.05 0.00	34.98 1.20 0.00	32.74 1.23 0.00	32.44 1.26 0.00	30.27 1.17 0.00	28.45 1.14 0.00
V_A_10_SYNC_DSASP 323832	30.00 -2.58 0.00	18.84 -2.40 6.29	18.06 -2.60 7.65	16.00 -2.41 7.38	14.06 -2.09 7.13	14.45 -2.04 7.16	19.70 -2.46 7.84	17.07 -1.83 6.89	8.23 -0.66 2.06	5.65 -0.21 0.00	6.21 -0.10 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.36 -0.01 0.00	6.65 -0.19 0.00	15.63 -0.53 1.05	25.58 -1.26 0.00	25.06 -1.62 0.00	22.58 -2.06 7.35	23.25 -2.28 8.25	21.49 -2.01 8.02	22.57 -1.91 6.70	26.31 -1.80 0.98	25.94 -1.38 0.00
V_CMM_10_SYNC_DSASP 323787	32.35 -0.23 0.00	27.38 -0.14 0.00	28.20 -0.11 0.00	25.69 -0.10 0.00	23.21 -0.07 0.00	23.60 -0.05 0.00	29.97 -0.04 0.00	25.78 -0.01 0.00	10.96 0.01 0.00	5.86 0.01 0.00	6.31 -0.01 0.00	4.53 -0.01 0.00	-1.47 0.00 0.00	-4.34 0.01 0.00	6.80 -0.03 0.00	17.15 -0.06 0.00	26.72 -0.12 0.00	26.54 -0.14 0.00	31.68 -0.30 0.00	33.45 -0.33 0.00	31.07 -0.45 0.00	29.18 -0.58 1.43	25.47 -0.75 2.87	26.18 -0.74 0.40
V_CMP_10_SYNC_DSASP 323788	32.40 -0.18 0.00	27.35 -0.17 0.00	28.12 -0.19 0.00	25.68 -0.11 0.00	23.18 -0.10 0.00	23.54 -0.11 0.00	29.95 -0.05 0.00	25.83 0.05 0.00	10.95 0.01 0.00	5.86 0.00 0.00	6.30 -0.02 0.00	4.54 0.00 0.00	-1.47 0.01 0.00	-4.35 0.00 0.00	6.86 0.03 0.00	17.29 0.08 0.00	26.83 -0.01 0.00	26.68 -0.01 0.00	31.85 -0.13 0.00	33.44 -0.33 0.00	30.64 -0.87 0.00	28.61 -1.43 1.15	25.54 -1.23 2.32	26.02 -0.98 0.33

V_D_10_SYNC_DSASP 323841	32.41 -0.17 0.00	27.44 -0.08 0.00	28.27 -0.04 0.00	25.76 -0.02 0.00	23.28 -0.01 0.00	23.67 0.01 0.00	30.05 0.05 0.00	25.83 0.04 0.00	10.97 0.02 0.00	5.87 0.01 0.00	6.32 0.00 0.00	4.54 -0.01 0.00	-1.47 0.00 0.00	-4.34 0.01 0.00	6.80 -0.03 0.00	17.16 -0.05 0.00	26.73 -0.10 0.00	26.58 -0.10 0.00	31.71 -0.27 0.00	33.49 -0.29 0.00	31.11 -0.41 0.00	28.69 -0.55 1.95	24.51 -0.72 3.86	26.07 -0.71 0.54
V_E_10_SYNC_DSASP 323830	34.57 1.99 0.00	30.62 1.60 -1.49	31.68 1.55 -1.82	28.83 1.28 -1.76	25.85 0.87 -1.69	26.13 0.78 -1.70	33.09 1.22 -1.86	28.08 0.65 -1.64	11.54 0.10 -0.49	5.88 0.03 0.00	6.31 0.00 0.00	4.52 -0.02 0.00	-1.50 -0.03 0.00	-4.41 -0.06 0.00	6.76 -0.07 0.00	17.12 -0.34 -0.25	26.44 -0.39 0.00	26.91 0.22 0.00	34.99 1.26 -1.75	38.05 2.32 -1.96	35.56 2.13 -1.91	34.60 1.82 -1.59	30.70 1.38 -0.23	28.43 1.12 0.00
V_F_30_NSYNC___DSASP 323816	34.01 1.43 0.00	28.74 1.21 0.00	29.54 1.23 0.00	26.86 1.08 0.00	24.30 1.01 0.00	24.70 1.05 0.00	31.29 1.28 0.00	26.77 0.99 0.00	11.30 0.35 0.00	5.98 0.13 0.00	6.44 0.12 0.00	4.61 0.07 0.00	-1.50 -0.02 0.00	-4.43 -0.07 0.00	6.99 0.15 0.00	17.63 0.43 0.00	27.60 0.76 0.00	27.66 0.97 0.00	33.57 1.59 0.00	35.61 1.83 0.00	33.31 1.79 0.00	32.96 1.78 0.00	30.67 1.58 0.00	28.80 1.48 0.00
V_F_30_SYNC_DSASP 323786	33.56 0.98 0.00	28.35 0.83 0.00	29.13 0.82 0.00	26.53 0.74 0.00	23.97 0.69 0.00	24.35 0.69 0.00	30.70 0.69 0.00	26.33 0.54 0.00	11.14 0.20 0.00	5.92 0.07 0.00	6.38 0.06 0.00	4.57 0.02 0.00	-1.48 -0.01 0.00	-4.39 -0.03 0.00	6.93 0.10 0.00	17.47 0.26 0.00	27.33 0.49 0.00	27.28 0.60 0.00	32.82 0.84 0.00	34.68 0.91 0.00	32.44 0.93 0.00	32.14 0.96 0.00	30.07 0.98 0.00	28.38 1.07 0.00
V_XM_10_SYNC_DSASP 323789	32.40 -0.18 0.00	27.35 -0.17 0.00	28.12 -0.19 0.00	25.68 -0.11 0.00	23.18 -0.10 0.00	23.54 -0.11 0.00	29.95 -0.05 0.00	25.83 0.05 0.00	10.95 0.01 0.00	5.86 0.00 0.00	6.30 -0.02 0.00	4.54 0.00 0.00	-1.47 0.01 0.00	-4.35 0.00 0.00	6.86 0.03 0.00	17.29 0.08 0.00	26.83 -0.01 0.00	26.68 -0.01 0.00	31.85 -0.13 0.00	33.44 -0.33 0.00	30.64 -0.87 1.15	28.61 -1.43 2.32	25.54 -1.23 0.33	26.02 -0.98 0.00
W.BABYLN_69_KV_BK1 56697	88.90 2.58 -53.74	37.42 2.17 -7.73	34.71 2.08 -4.32	32.35 1.93 -4.63	29.61 1.81 -4.53	25.63 1.97 0.00	32.62 2.60 -0.02	28.01 2.23 0.00	11.90 0.96 0.00	6.39 0.54 0.00	6.89 0.57 0.00	4.96 0.42 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	13.18 0.70 -5.65	27.45 1.75 -8.48	42.61 2.73 -13.04	50.69 2.71 -21.29	53.95 3.35 -18.62	37.16 3.39 0.00	34.80 3.28 0.00	35.54 3.28 -1.08	38.01 2.96 -5.95	37.97 2.75 -7.90
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.22 1.64 0.00	28.87 1.35 0.00	29.57 1.26 0.00	26.97 1.19 0.00	24.42 1.14 0.00	24.90 1.25 0.00	31.60 1.60 0.00	27.25 1.47 0.00	11.60 0.66 0.00	6.24 0.38 0.00	6.73 0.41 0.00	4.84 0.30 0.00	-1.58 -0.11 0.00	-4.66 -0.31 0.00	7.37 0.54 0.00	18.56 1.36 0.00	28.99 2.15 0.00	28.84 2.15 0.00	34.66 2.68 0.00	36.59 2.81 0.00	34.22 2.70 0.00	33.87 2.68 0.00	31.39 2.30 0.00	29.40 2.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.36 1.78 0.00	29.04 1.52 0.00	29.74 1.43 0.00	27.13 1.34 0.00	24.57 1.29 0.00	25.04 1.39 0.00	31.77 1.77 0.00	27.44 1.65 0.00	11.70 0.75 0.00	6.30 0.45 0.00	6.80 0.49 0.00	4.90 0.36 0.00	-1.60 -0.12 0.00	-4.72 -0.37 0.00	7.45 0.61 0.00	18.75 1.55 0.00	29.28 2.44 0.00	29.11 2.43 0.00	34.97 2.99 0.00	36.88 3.11 0.00	34.45 2.94 0.00	34.07 2.88 0.00	31.60 2.50 0.00	29.60 2.28 0.00
W50THST__13_KV_LOAD 356117	34.47 1.89 0.00	29.13 1.61 0.00	29.83 1.53 0.00	27.21 1.42 0.00	24.65 1.37 0.00	25.12 1.47 0.00	31.89 1.88 0.00	27.54 1.75 0.00	11.75 0.80 0.00	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.40 0.00	7.49 0.66 0.00	18.86 1.65 0.00	29.44 2.61 0.00	29.28 2.60 0.00	35.19 3.21 0.00	37.11 3.33 0.00	34.65 3.14 0.00	34.27 3.08 0.00	31.77 2.67 0.00	29.76 2.44 0.00
WADING RIVER_IC_1 23522	363.25 2.97 -327.69	91.88 2.46 -61.90	65.39 2.45 -34.63	65.20 2.27 -37.14	61.69 2.10 -36.31	25.95 2.29 0.00	33.05 3.03 -0.01	28.33 2.55 0.00	12.00 1.05 0.00	6.38 0.53 0.00	6.87 0.55 0.00	4.97 0.42 0.00	-1.62 -0.14 0.00	-4.78 -0.42 0.00	12.62 0.69 -5.09	26.62 1.76 -7.64	41.34 2.76 -11.74	48.60 2.73 -19.18	52.11 3.36 -16.77	36.75 2.97 0.00	34.41 2.90 0.00	34.94 2.78 -0.97	36.87 2.42 -5.36	36.67 2.25 -7.11
WADING RIVER_IC_2 23547	363.25 2.97 -327.69	91.88 2.46 -61.90	65.39 2.45 -34.63	65.20 2.27 -37.14	61.69 2.10 -36.31	25.95 2.29 0.00	33.05 3.03 -0.01	28.33 2.55 0.00	12.00 1.05 0.00	6.38 0.53 0.00	6.87 0.55 0.00	4.97 0.42 0.00	-1.62 -0.14 0.00	-4.78 -0.42 0.00	12.62 0.69 -5.09	26.62 1.76 -7.64	41.34 2.76 -11.74	48.60 2.73 -19.18	52.11 3.36 -16.77	36.75 2.97 0.00	34.41 2.90 0.00	34.94 2.78 -0.97	36.87 2.42 -5.36	36.67 2.25 -7.11
WADING RIVER_IC_3 23601	363.25 2.97 -327.69	91.88 2.46 -61.90	65.39 2.45 -34.63	65.20 2.27 -37.14	61.69 2.10 -36.31	25.95 2.29 0.00	33.05 3.03 -0.01	28.33 2.55 0.00	12.00 1.05 0.00	6.38 0.53 0.00	6.87 0.55 0.00	4.97 0.42 0.00	-1.62 -0.14 0.00	-4.78 -0.42 0.00	12.62 0.69 -5.09	26.62 1.76 -7.64	41.34 2.76 -11.74	48.60 2.73 -19.18	52.11 3.36 -16.77	36.75 2.97 0.00	34.41 2.90 0.00	34.94 2.78 -0.97	36.87 2.42 -5.36	36.67 2.25 -7.11
WALDENNY_12_KV_BK2 80841	29.91 -2.66 0.01	13.97 -2.47 11.09	12.11 -2.70 13.50	10.25 -2.52 13.02	8.52 -2.19 12.57	8.92 -2.11 12.63	13.67 -2.50 13.83	11.82 -1.81 12.16	6.65 -0.66 3.64	5.67 -0.18 0.00	6.26 -0.06 0.00	4.65 0.11 0.00	-1.49 -0.02 0.00	-4.41 -0.06 0.00	6.67 -0.16 0.00	14.89 -0.47 1.85	25.65 -1.18 0.00	25.07 -1.62 0.00	17.03 -1.98 12.98	16.96 -2.25 14.57	15.41 -1.95 14.16	17.51 -1.84 11.83	25.56 -1.79 1.74	25.95 -1.37 0.00
WALDEN___HYDRO 24148	34.11 1.52 0.00	28.77 1.25 0.00	29.49 1.18 0.00	26.90 1.11 0.00	24.35 1.07 0.00	24.81 1.16 0.00	31.48 1.47 0.00	27.11 1.33 0.00	11.53 0.59 0.00	6.18 0.33 0.00	6.67 0.35 0.00	4.78 0.24 0.00	-1.56 -0.08 0.00	-4.61 -0.25 0.00	7.28 0.45 0.00	18.34 1.13 0.00	28.66 1.82 0.00	28.54 1.85 0.00	34.39 2.40 0.00	36.34 2.56 0.00	34.01 2.50 0.00	33.67 2.49 0.00	31.23 2.14 0.00	29.26 1.94 0.00
WARRENSBURG____ 23737	34.15 1.56 0.00	28.87 1.35 0.00	29.67 1.36 0.00	26.97 1.18 0.00	24.40 1.12 0.00	24.82 1.17 0.00	31.48 1.48 0.00	26.91 1.12 0.00	11.33 0.38 0.00	5.98 0.13 0.00	6.44 0.12 0.00	4.61 0.06 0.00	-1.50 -0.02 0.00	-4.44 -0.08 0.00	7.01 0.17 0.00	17.67 0.46 0.00	27.65 0.81 0.00	27.78 1.09 0.00	33.88 1.90 0.00	36.04 2.26 0.00	33.73 2.21 0.00	33.32 2.13 0.00	30.91 1.82 0.00	29.00 1.68 0.00

WATERSIDE___6 8 9 23538	34.38 1.80 0.00	29.09 1.57 0.00	29.78 1.47 0.00	27.18 1.39 0.00	24.62 1.34 0.00	25.09 1.44 0.00	31.83 1.82 0.00	27.49 1.70 -0.01	11.72 0.77 -0.01	6.31 0.45 0.00	6.81 0.50 0.00	4.90 0.36 0.00	-1.60 -0.13 0.00	-4.73 -0.37 0.00	7.46 0.62 0.00	18.78 1.57 0.00	29.32 2.48 0.00	29.17 2.48 -0.01	34.96 2.98 0.00	36.86 3.09 0.00	34.44 2.93 0.00	34.08 2.89 0.00	31.60 2.51 0.00	29.60 2.28 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.22 1.64 0.00	28.87 1.35 0.00	29.68 1.37 0.00	26.97 1.18 0.00	24.40 1.11 0.00	24.81 1.15 0.00	31.19 1.19 0.00	26.31 0.52 0.00	10.94 -0.01 0.00	5.71 -0.14 0.00	6.09 -0.23 0.00	4.36 -0.18 0.00	-1.41 0.06 0.00	-4.18 0.17 0.00	6.63 -0.20 0.00	16.73 -0.47 0.00	26.17 -0.67 0.00	26.64 -0.05 0.00	33.34 1.36 0.00	35.85 2.07 0.00	33.61 2.09 0.00	34.34 2.15 -1.01	33.11 2.12 -1.91	29.42 1.83 -0.27
WDELAWARE___HYD 323627	34.10 1.51 0.00	28.75 1.23 0.00	29.46 1.15 0.00	26.87 1.08 0.00	24.33 1.05 0.00	24.79 1.14 0.00	31.45 1.45 0.00	27.07 1.28 0.00	11.49 0.55 0.00	6.14 0.29 0.00	6.61 0.30 0.00	4.73 0.19 0.00	-1.50 -0.03 0.00	-4.44 -0.09 0.00	7.03 0.19 0.00	17.71 0.50 0.00	27.75 0.91 0.00	27.71 1.02 0.00	33.48 1.50 0.00	35.54 1.77 0.00	34.01 2.49 0.00	33.67 2.49 0.00	31.21 2.11 0.00	29.20 1.88 0.00
WEST BABYLON___IC 23714	88.90 2.58 -53.74	37.42 2.17 -7.73	34.71 2.08 -4.32	32.35 1.93 -4.63	29.61 1.81 -4.53	25.63 1.97 0.00	32.62 2.60 -0.02	28.01 2.23 0.00	11.90 0.96 0.00	6.39 0.54 0.00	6.89 0.57 0.00	4.96 0.42 0.00	-1.61 -0.14 0.00	-4.76 -0.41 0.00	13.18 0.70 -5.65	27.45 1.75 -8.48	42.61 2.73 -13.04	50.69 2.71 -21.29	53.95 3.35 -18.62	37.16 3.39 0.00	34.80 3.28 0.00	35.54 3.28 -1.08	38.01 2.96 -5.95	37.97 2.75 -7.90
WEST CANADA___HYD 24049	32.71 0.13 0.00	27.61 0.09 0.00	28.39 0.09 0.00	25.87 0.08 0.00	23.35 0.07 0.00	23.74 0.08 0.00	30.09 0.09 0.00	25.84 0.06 0.00	10.96 0.01 0.00	5.86 0.00 0.00	6.32 0.00 0.00	4.54 0.00 0.00	-1.47 0.00 0.00	-4.35 0.00 0.00	6.84 0.00 0.00	17.22 0.01 0.00	26.86 0.03 0.00	26.74 0.06 0.00	32.11 0.12 0.00	33.91 0.14 0.00	31.67 0.16 0.00	32.36 0.16 -1.01	31.16 0.17 -1.91	27.75 0.17 -0.27
WESTERN_NY_WIND 24143	30.73 -1.85 0.00	19.55 -1.74 6.23	18.80 -1.92 7.59	16.68 -1.79 7.32	14.68 -1.54 7.06	15.09 -1.47 7.10	20.47 -1.76 7.78	17.61 -1.34 6.83	8.34 -0.56 2.05	5.66 -0.19 0.00	6.22 -0.09 0.00	4.59 0.06 0.00	-1.48 -0.01 0.00	-4.37 -0.01 0.00	6.70 -0.13 0.00	16.06 -0.11 1.04	26.24 -0.60 0.00	25.71 -0.98 0.00	23.47 -1.23 7.29	24.06 -1.53 8.19	22.39 -1.17 7.95	23.48 -1.06 6.65	27.03 -1.09 0.98	26.52 -0.80 0.00
WESTOVER___LESR 323668	32.40 -0.19 0.00	27.35 -0.17 0.00	28.10 -0.20 0.00	25.57 -0.21 0.00	23.11 -0.17 0.00	23.51 -0.14 0.00	29.92 -0.09 0.00	25.72 -0.07 0.00	10.89 -0.05 0.00	5.86 0.01 0.00	6.34 0.02 0.00	4.59 0.05 0.00	-1.48 -0.01 0.00	-4.40 -0.04 0.00	6.85 0.02 0.00	17.21 0.00 0.00	26.80 -0.04 0.00	26.71 0.03 0.00	32.12 0.14 0.00	33.93 0.15 0.00	31.73 0.21 0.00	31.36 0.17 0.00	29.10 0.01 0.00	27.40 0.08 0.00
WETHRSFD_WT_PWR 323626	30.03 -2.53 0.02	-10.17 -2.34 35.36	-17.31 -2.58 43.04	-18.21 -2.47 41.53	-18.99 -2.19 40.08	-18.79 -2.16 40.28	-16.59 -2.48 44.12	-14.89 -1.91 38.77	-1.47 -0.81 11.61	5.56 -0.29 0.00	6.10 -0.21 0.00	4.53 -0.02 0.00	-1.43 0.05 0.00	-4.26 0.09 0.00	6.45 -0.39 0.00	10.36 -0.94 5.90	25.43 -1.41 0.00	25.05 -1.63 0.00	-11.49 -2.05 41.42	-15.12 -2.37 46.52	-15.83 -2.15 45.20	-8.63 -2.04 37.78	21.55 -1.99 5.55	25.76 -1.56 0.00
WHAVSTOR_138KV_BK127 55557	34.08 1.49 0.00	28.75 1.23 0.00	29.46 1.15 0.00	26.87 1.08 0.00	24.33 1.05 0.00	24.81 1.15 0.00	31.48 1.47 0.00	27.14 1.36 0.00	11.56 0.61 0.00	6.21 0.36 0.00	6.70 0.39 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.64 -0.29 0.00	7.34 0.50 0.00	18.48 1.27 0.00	28.84 2.01 0.00	28.67 1.99 0.00	34.47 2.49 0.00	36.39 2.62 0.00	34.03 2.51 0.00	33.68 2.50 0.00	31.24 2.15 0.00	29.27 1.95 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.08 1.49 0.00	28.75 1.23 0.00	29.46 1.15 0.00	26.87 1.08 0.00	24.33 1.05 0.00	24.81 1.15 0.00	31.48 1.47 0.00	27.14 1.36 0.00	11.56 0.61 0.00	6.21 0.36 0.00	6.70 0.39 0.00	4.82 0.28 0.00	-1.57 -0.10 0.00	-4.64 -0.29 0.00	7.34 0.50 0.00	18.48 1.27 0.00	28.84 2.01 0.00	28.67 1.99 0.00	34.47 2.49 0.00	36.39 2.62 0.00	34.03 2.51 0.00	33.68 2.50 0.00	31.24 2.15 0.00	29.27 1.95 0.00
WHITEHAL_115KV_TB1 80871	34.56 1.98 0.00	29.26 1.74 0.00	30.09 1.79 0.00	27.20 1.41 0.00	24.68 1.40 0.00	25.09 1.44 0.00	32.05 2.04 0.00	27.35 1.56 0.00	11.46 0.51 0.00	6.01 0.16 0.00	6.47 0.16 0.00	4.62 0.08 0.00	-1.48 -0.01 0.00	-4.48 -0.12 0.00	7.09 0.26 0.00	17.91 0.70 0.00	27.97 1.13 0.00	28.22 1.53 0.00	34.78 2.79 0.00	37.10 3.32 0.00	34.77 3.26 0.00	34.28 3.10 0.00	31.53 2.44 0.00	29.29 1.97 0.00
WHITEPLN_13_KV_LOAD 356215	34.48 1.90 0.00	29.11 1.58 0.00	29.81 1.50 0.00	27.19 1.41 0.00	24.62 1.33 0.00	25.08 1.43 0.00	31.84 1.84 0.00	27.46 1.67 0.00	11.70 0.75 0.00	6.29 0.43 0.00	6.78 0.47 0.00	4.88 0.33 0.00	-1.59 -0.12 0.00	-4.69 -0.34 0.00	7.42 0.59 0.00	18.69 1.48 0.00	29.19 2.35 0.00	29.05 2.37 0.00	34.94 2.96 0.00	36.87 3.10 0.00	34.48 2.96 0.00	34.12 2.93 0.00	31.65 2.56 0.00	29.64 2.32 0.00
WM_FLOYD_69_KV_BK2 356380	369.37 2.85 -333.93	93.01 2.37 -63.12	65.96 2.34 -35.31	65.83 2.17 -37.87	62.32 2.01 -37.02	25.85 2.19 0.00	32.95 2.93 -0.01	28.25 2.47 0.00	11.97 1.03 0.00	6.39 0.54 0.00	6.87 0.56 0.00	4.96 0.41 0.00	-1.62 -0.14 0.00	-4.77 -0.42 0.00	12.63 0.69 -5.10	26.62 1.75 -7.66	41.34 2.74 -11.77	48.64 2.74 -19.22	52.16 3.37 -16.81	36.93 3.15 0.00	34.58 3.07 0.00	35.18 3.02 -0.97	37.15 2.68 -5.38	36.94 2.50 -7.13
WOODARD___115KV_TB2 355635	32.10 -0.48 0.00	27.08 -0.44 0.00	27.86 -0.45 0.00	25.36 -0.42 0.00	22.88 -0.41 0.00	23.24 -0.41 0.00	29.51 -0.49 0.00	25.33 -0.45 0.00	10.74 -0.21 0.00	5.75 -0.10 0.00	6.21 -0.10 0.00	4.48 -0.06 0.00	-1.45 0.02 0.00	-4.29 0.06 0.00	6.72 -0.11 0.00	16.94 -0.27 0.00	26.46 -0.38 0.00	26.32 -0.36 0.00	31.47 -0.51 0.00	33.23 -0.54 0.00	31.03 -0.48 0.00	30.71 -0.48 0.00	28.58 -0.51 0.00	26.89 -0.43 0.00
YORK___WARBASSE 23770	34.57 1.99 0.00	29.21 1.69 0.00	29.91 1.60 0.00	27.28 1.49 0.00	24.70 1.42 0.00	25.18 1.53 0.00	31.96 1.95 0.00	27.60 1.81 -0.01	11.76 0.81 -0.01	6.33 0.48 0.00	6.84 0.52 0.00	4.92 0.38 0.00	-1.61 -0.13 0.00	-4.75 -0.39 0.00	7.49 0.66 0.00	18.86 1.66 0.00	29.44 2.60 0.00	29.29 2.60 -0.01	35.14 3.16 0.00	37.08 3.30 0.00	34.64 3.13 0.00	34.28 3.09 0.00	31.79 2.70 0.00	29.75 2.44 0.00