

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/23/2026

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	35.94	35.40	32.78	24.98	23.52	22.62	31.60	32.50	34.74	38.50	33.96	35.73	34.07	36.92	35.15	35.83	40.22	45.86	51.53	45.96	46.42	41.60	36.07	32.26
24138	2.35	2.25	2.02	1.60	1.58	1.11	1.45	1.31	2.50	2.82	2.67	2.80	2.69	2.84	2.72	2.77	3.11	3.49	3.87	3.20	3.29	2.88	2.45	1.69
	-1.03	0.00	0.00	0.00	0.00	-6.52	-11.71	-15.38	0.00	0.00	0.00	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	35.92	35.38	32.76	24.96	23.51	22.61	31.58	32.48	34.69	38.44	33.90	35.66	34.01	36.86	35.10	35.77	40.15	45.79	51.44	45.87	46.36	41.56	36.03	32.23
24260	2.33	2.23	2.01	1.58	1.56	1.09	1.43	1.29	2.45	2.77	2.61	2.74	2.63	2.78	2.67	2.71	3.04	3.42	3.78	3.11	3.23	2.84	2.42	1.67
	-1.03	0.00	0.00	0.00	0.00	-6.52	-11.71	-15.38	0.00	0.00	0.00	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	35.92	35.38	32.76	24.96	23.51	22.61	31.58	32.48	34.69	38.44	33.90	35.66	34.01	36.86	35.10	35.77	40.15	45.79	51.44	45.87	46.36	41.56	36.03	32.23
24261	2.33	2.23	2.01	1.58	1.56	1.09	1.43	1.29	2.45	2.77	2.61	2.74	2.63	2.78	2.67	2.71	3.04	3.42	3.78	3.11	3.23	2.84	2.42	1.67
	-1.03	0.00	0.00	0.00	0.00	-6.52	-11.71	-15.38	0.00	0.00	0.00	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	36.15	35.47	32.94	25.09	23.48	23.75	33.62	34.99	34.37	37.76	32.96	34.84	33.04	35.86	34.03	34.78	39.49	45.13	51.12	45.94	46.42	41.59	36.06	33.42
24011	2.38	2.32	2.19	1.71	1.54	1.10	1.39	1.13	2.13	2.09	1.67	1.92	1.66	1.78	1.60	1.73	2.38	2.76	3.46	3.18	3.29	2.87	2.45	1.64
	-1.21	0.00	0.00	0.00	0.00	-7.66	-13.79	-18.04	0.00	0.00	0.00	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	36.42	35.71	33.19	25.30	23.64	23.89	33.81	35.13	34.60	37.94	33.09	35.05	33.21	36.10	34.20	34.95	39.75	45.41	51.55	46.34	46.82	41.95	36.38	33.61
23798	2.65	2.56	2.44	1.92	1.69	1.23	1.57	1.27	2.36	2.26	1.79	2.13	1.84	2.03	1.77	1.89	2.64	3.04	3.89	3.58	3.70	3.23	2.77	1.83
	-1.21	0.00	0.00	0.00	0.00	-7.66	-13.80	-18.04	0.00	0.00	0.00	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	36.15	35.47	32.94	25.09	23.48	23.75	33.62	34.99	34.37	37.76	32.96	34.84	33.04	35.86	34.03	34.78	39.49	45.13	51.12	45.94	46.42	41.59	36.06	33.42
24028	2.38	2.32	2.19	1.71	1.54	1.10	1.39	1.13	2.13	2.09	1.67	1.92	1.66	1.78	1.60	1.73	2.38	2.76	3.46	3.18	3.29	2.87	2.45	1.64
	-1.21	0.00	0.00	0.00	0.00	-7.66	-13.79	-18.04	0.00	0.00	0.00	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	35.47	34.76	32.29	24.57	22.98	23.22	32.77	34.16	33.69	37.18	32.61	34.39	32.70	35.59	33.83	34.46	38.94	44.44	50.02	44.84	45.26	40.54	35.23	32.74
23527	1.73	1.61	1.54	1.19	1.04	0.74	0.93	0.80	1.45	1.50	1.32	1.47	1.33	1.51	1.40	1.40	1.82	2.07	2.36	2.08	2.13	1.82	1.62	1.19
	-1.19	0.00	0.00	0.00	0.00	-7.48	-13.40	-17.54	0.00	0.00	0.00	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	34.66	34.01	31.58	24.04	22.55	22.86	32.30	33.72	32.87	36.35	31.95	33.64	32.02	34.81	33.13	33.73	37.98	43.25	48.64	43.64	44.05	39.59	34.33	32.12
24190	0.92	0.86	0.83	0.66	0.61	0.42	0.46	0.37	0.63	0.68	0.65	0.72	0.64	0.73	0.69	0.68	0.87	0.88	0.98	0.88	0.92	0.87	0.71	0.57
	-1.18	0.00	0.00	0.00	0.00	-7.45	-13.40	-17.53	0.00	0.00	0.00	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	32.32	32.91	30.56	23.22	21.78	14.87	18.26	15.65	31.99	35.38	30.98	32.56	31.09	33.80	32.16	32.82	36.81	42.11	47.33	42.57	42.97	38.63	33.53	23.34
355683	-0.24	-0.24	-0.19	-0.16	-0.16	-0.12	-0.18	-0.17	-0.25	-0.29	-0.32	-0.36	-0.29	-0.28	-0.28	-0.23	-0.30	-0.26	-0.34	-0.19	-0.15	-0.09	-0.08	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALBANY_1_SOLAR	35.11	34.52	32.05	24.39	22.89	22.99	32.44	33.74	33.37	36.86	32.38	34.09	32.41	35.25	33.55	34.22	38.53	43.96	49.49	44.39	44.85	40.30	34.94	32.41
323833	1.39	1.37	1.29	1.01	0.95	0.65	0.78	0.62	1.14	1.18	1.08	1.17	1.03	1.17	1.12	1.17	1.42	1.59	1.83	1.63	1.73	1.58	1.33	0.96
	-1.17	0.00	0.00	0.00	0.00	-7.35	-13.22	-17.31	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	
ALBANY_2_SOLAR	35.11	34.51	32.04	24.39	22.88	22.99	32.43	33.73	33.36	36.85	32.37	34.09	32.39	35.25	33.54	34.21	38.52	43.94	49.47	44.38	44.83	40.27	34.93	32.41
323834	1.38	1.35	1.29	1.00	0.94	0.65	0.77	0.61	1.12	1.18	1.07	1.17	1.01	1.17	1.11	1.16	1.41	1.58	1.81	1.62	1.71	1.55	1.32	0.96
	-1.17	0.00	0.00	0.00	0.00	-7.35	-13.22	-17.31	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	
ALBANY___1	34.66	34.01	31.58	24.04	22.55	22.86	32.30	33.72	32.87	36.35	31.95	33.64	32.02	34.81	33.13	33.73	37.98	43.25	48.64	43.64	44.05	39.59	34.33	32.12
23571	0.92	0.86	0.83	0.66	0.61	0.42	0.46	0.37	0.63	0.68	0.65	0.72	0.64	0.73	0.69	0.68	0.87	0.88	0.98	0.88	0.92	0.87	0.71	0.57
	-1.18	0.00	0.00	0.00	0.00	-7.45	-13.40	-17.53	0.00	0.00	0.00	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	34.66 0.92 -1.18	34.01 0.86 0.00	31.58 0.83 0.00	24.04 0.66 0.00	22.55 0.61 0.00	22.86 0.42 -7.45	32.30 0.46 -13.40	33.72 0.37 -17.53	32.87 0.63 0.00	36.35 0.68 0.00	31.95 0.65 0.00	33.64 0.72 0.00	32.02 0.64 0.00	34.81 0.73 0.00	33.13 0.69 0.00	33.73 0.68 0.00	37.98 0.87 0.00	43.25 0.88 0.00	48.64 0.98 0.00	43.64 0.88 0.00	44.05 0.92 0.00	39.59 0.87 0.00	34.33 0.71 0.00	32.12 0.57 -8.10
ALBANY___3 23573	34.66 0.92 -1.18	34.01 0.86 0.00	31.58 0.83 0.00	24.04 0.66 0.00	22.55 0.61 0.00	22.86 0.42 -7.45	32.30 0.46 -13.40	33.72 0.37 -17.53	32.87 0.63 0.00	36.35 0.68 0.00	31.95 0.65 0.00	33.64 0.72 0.00	32.02 0.64 0.00	34.81 0.73 0.00	33.13 0.69 0.00	33.73 0.68 0.00	37.98 0.87 0.00	43.25 0.88 0.00	48.64 0.98 0.00	43.64 0.88 0.00	44.05 0.92 0.00	39.59 0.87 0.00	34.33 0.71 0.00	32.12 0.57 -8.10
ALBANY___4 23574	34.66 0.92 -1.18	34.01 0.86 0.00	31.58 0.83 0.00	24.04 0.66 0.00	22.55 0.61 0.00	22.86 0.42 -7.45	32.30 0.46 -13.40	33.72 0.37 -17.53	32.87 0.63 0.00	36.35 0.68 0.00	31.95 0.65 0.00	33.64 0.72 0.00	32.02 0.64 0.00	34.81 0.73 0.00	33.13 0.69 0.00	33.73 0.68 0.00	37.98 0.87 0.00	43.25 0.88 0.00	48.64 0.98 0.00	43.64 0.88 0.00	44.05 0.92 0.00	39.59 0.87 0.00	34.33 0.71 0.00	32.12 0.57 -8.10
ALBANY___LFGE 323615	34.90 1.16 -1.19	34.26 1.11 0.00	31.80 1.05 0.00	24.22 0.84 0.00	22.71 0.77 0.00	23.03 0.53 -7.51	32.57 0.62 -13.51	34.00 0.51 -17.67	33.14 0.90 0.00	36.64 0.97 0.00	32.21 0.92 0.00	33.92 1.00 0.00	32.27 0.89 0.00	35.09 1.01 0.00	33.39 0.96 0.00	34.00 0.95 0.00	38.31 1.20 0.00	43.64 1.27 0.00	49.10 1.44 0.00	44.05 1.29 0.00	44.46 1.34 0.00	39.94 1.22 0.00	34.63 1.02 0.00	32.39 0.77 -8.17
ALCOA_PA_115KV_PL-6C 55860	32.40 -0.16 0.00	32.99 -0.16 0.00	30.64 -0.12 0.00	23.28 -0.10 0.00	21.82 -0.11 0.00	14.90 -0.09 0.00	18.29 -0.14 0.00	15.67 -0.14 0.00	32.04 -0.20 0.00	35.43 -0.24 0.00	31.00 -0.30 0.00	32.58 -0.35 0.00	31.12 -0.26 0.00	33.83 -0.25 0.00	32.18 -0.26 0.00	32.85 -0.20 0.00	36.82 -0.29 0.00	42.15 -0.21 0.00	47.41 -0.25 0.00	42.66 -0.10 0.00	43.05 -0.08 0.00	38.74 0.02 0.00	33.62 0.00 0.00	23.40 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	32.40 -0.16 0.00	33.00 -0.15 0.00	30.64 -0.12 0.00	23.28 -0.10 0.00	21.82 -0.12 0.00	14.90 -0.09 0.00	18.29 -0.14 0.00	15.67 -0.14 0.00	32.04 -0.20 0.00	35.43 -0.25 0.00	31.00 -0.29 0.00	32.58 -0.35 0.00	31.12 -0.26 0.00	33.83 -0.25 0.00	32.18 -0.25 0.00	32.85 -0.21 0.00	36.82 -0.29 0.00	42.15 -0.21 0.00	47.41 -0.25 0.00	42.66 -0.10 0.00	43.05 -0.08 0.00	38.74 0.02 0.00	33.62 0.00 0.00	23.40 -0.05 0.00
ALCOA___DSASP 323711	32.40 -0.16 0.00	33.00 -0.15 0.00	30.64 -0.12 0.00	23.28 -0.10 0.00	21.82 -0.12 0.00	14.90 -0.09 0.00	18.29 -0.14 0.00	15.67 -0.14 0.00	32.04 -0.20 0.00	35.43 -0.25 0.00	31.00 -0.29 0.00	32.58 -0.35 0.00	31.12 -0.26 0.00	33.83 -0.25 0.00	32.18 -0.25 0.00	32.85 -0.21 0.00	36.82 -0.29 0.00	42.15 -0.21 0.00	47.41 -0.25 0.00	42.66 -0.10 0.00	43.05 -0.08 0.00	38.74 0.02 0.00	33.62 0.00 0.00	23.40 -0.05 0.00
ALLEGHENY___COGEN 23514	58.50 -0.52 -26.47	64.35 -0.30 -31.50	57.16 -0.46 -26.86	59.70 -0.41 -36.73	58.18 -0.35 -36.59	49.47 -0.30 -34.78	56.31 -0.34 -38.22	53.36 -0.27 -37.81	73.82 -0.55 -42.12	79.19 -0.51 -44.03	65.12 -0.51 -34.33	61.37 -0.61 -29.06	32.87 -0.55 -2.04	40.03 -0.85 -6.80	69.65 -0.94 -38.16	67.08 -0.75 -34.78	82.59 -0.88 -46.36	93.48 -0.74 -51.85	108.31 -0.90 -61.54	96.27 -0.58 -54.09	92.22 -0.19 -49.29	85.32 -0.15 -46.75	76.36 -0.15 -42.90	62.63 -0.25 -39.43
ALTAMONT_115KV_TB 2 55880	34.77 1.03 -1.18	34.16 1.01 0.00	31.69 0.94 0.00	24.12 0.74 0.00	22.63 0.69 0.00	22.91 0.48 -7.43	32.42 0.61 -13.37	33.81 0.50 -17.50	33.14 0.90 0.00	36.65 0.98 0.00	32.20 0.90 0.00	33.90 0.98 0.00	32.27 0.89 0.00	35.07 0.99 0.00	33.38 0.95 0.00	34.01 0.96 0.00	38.27 1.16 0.00	43.65 1.29 0.00	49.12 1.46 0.00	44.04 1.28 0.00	44.47 1.34 0.00	39.91 1.20 0.00	34.63 1.01 0.00	32.27 0.73 -8.08
ALTONA_WT_PWR 323606	32.37 -0.18 0.00	32.97 -0.18 0.00	30.61 -0.14 0.00	23.26 -0.12 0.00	21.79 -0.15 0.00	14.87 -0.13 0.00	18.25 -0.19 0.00	15.61 -0.20 0.00	31.94 -0.30 0.00	35.32 -0.35 0.00	30.89 -0.41 0.00	32.57 -0.35 0.00	31.08 -0.30 0.00	33.85 -0.23 0.00	32.25 -0.18 0.00	32.92 -0.13 0.00	36.93 -0.18 0.00	42.24 -0.13 0.00	47.60 -0.06 0.00	42.79 0.03 0.00	43.18 0.05 0.00	38.86 0.14 0.00	33.73 0.12 0.00	23.40 -0.05 0.00
AMERICAN_REF_FUEL 24010	20.44 -3.36 8.76	21.07 -2.80 9.28	20.18 -2.66 7.92	10.54 -2.02 10.82	9.34 -1.81 10.78	4.82 -1.32 8.85	8.03 -1.66 8.75	6.43 -1.46 7.92	16.75 -3.09 12.40	19.28 -3.43 12.96	18.02 -3.17 10.11	20.91 -3.46 8.55	27.30 -3.48 0.60	28.34 -3.74 2.00	17.59 -3.60 11.23	19.37 -3.44 10.24	19.51 -3.95 13.65	22.35 -4.75 15.27	23.79 -5.75 18.12	21.98 -4.86 15.93	24.08 -4.54 14.51	21.32 -3.64 13.76	18.26 -2.73 12.63	11.39 -1.92 10.14
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.71 -3.56 9.29	20.45 -2.97 9.74	19.68 -2.77 8.30	9.76 -2.27 11.35	8.59 -2.05 11.31	4.22 -1.56 9.21	7.52 -1.87 9.05	6.03 -1.64 8.14	15.84 -3.40 13.00	18.53 -3.55 13.59	17.37 -3.34 10.60	20.40 -3.56 8.97	27.26 -3.49 0.63	28.01 -3.97 2.10	16.71 -3.94 11.78	18.68 -3.64 10.74	18.45 -4.35 14.31	21.23 -5.13 16.01	22.83 -5.83 19.00	20.82 -5.24 16.70	22.96 -4.95 15.22	20.07 -4.22 14.43	17.03 -3.33 13.24	10.48 -2.41 10.55
ARTHUR KILL_GT_1 23520	35.96 2.37 -1.03	35.41 2.26 0.00	32.79 2.03 0.00	24.99 1.60 0.00	23.52 1.58 0.00	22.62 1.11 -6.52	31.60 1.45 -11.71	32.50 1.30 -15.38	34.70 2.46 0.00	38.47 2.79 0.00	33.94 2.64 0.00	35.67 2.75 0.00	34.02 2.65 0.00	36.88 2.80 0.00	35.09 2.66 0.00	35.79 2.73 0.00	40.15 3.04 0.00	45.79 3.42 0.00	51.38 3.71 0.00	45.81 3.05 0.00	46.32 3.20 0.00	41.60 2.88 0.00	36.05 2.43 0.00	32.25 1.68 -7.11
ARTHUR_KILL_2 23512	35.87 2.28 -1.03	35.33 2.17 0.00	32.71 1.95 0.00	24.92 1.54 0.00	23.47 1.53 0.00	22.59 1.08 -6.52	31.56 1.41 -11.71	32.46 1.27 -15.38	34.60 2.36 0.00	38.36 2.69 0.00	33.85 2.55 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.78 2.70 0.00	35.00 2.57 0.00	35.68 2.63 0.00	40.03 2.92 0.00	45.67 3.30 0.00	51.23 3.57 0.00	45.69 2.93 0.00	46.20 3.08 0.00	41.48 2.76 0.00	35.94 2.33 0.00	32.18 1.62 -7.11
ARTHUR_KILL_3 23513	35.64 2.05 -1.03	35.09 1.94 0.00	32.50 1.75 0.00	24.78 1.40 0.00	23.33 1.39 0.00	22.49 0.97 -6.52	31.44 1.29 -11.71	32.35 1.16 -15.38	34.40 2.16 0.00	38.13 2.46 0.00	33.64 2.34 0.00	35.38 2.46 0.00	33.75 2.37 0.00	36.57 2.49 0.00	34.82 2.39 0.00	35.49 2.44 0.00	39.83 2.72 0.00	45.44 3.07 0.00	51.02 3.36 0.00	45.50 2.73 0.00	45.98 2.85 0.00	41.21 2.49 0.00	35.73 2.12 0.00	32.05 1.48 -7.11

ARTHUR_KILL_COGEN 323718	35.95 2.36 -1.03	35.40 2.25 0.00	32.78 2.03 0.00	24.98 1.60 0.00	23.52 1.57 0.00	22.62 1.11 -6.52	31.60 1.45 -11.71	32.49 1.30 -15.38	34.68 2.44 0.00	38.45 2.78 0.00	33.92 2.63 0.00	35.67 2.74 0.00	34.02 2.64 0.00	36.87 2.80 0.00	35.09 2.66 0.00	35.77 2.72 0.00	40.14 3.03 0.00	45.78 3.41 0.00	51.36 3.70 0.00	45.81 3.05 0.00	46.33 3.20 0.00	41.59 2.87 0.00	36.03 2.42 0.00	32.24 1.67 -7.11
ASHOKAN____ 23654	35.30 1.63 -1.11	34.64 1.49 0.00	32.10 1.35 0.00	24.42 1.04 0.00	22.95 1.01 0.00	22.67 0.67 -7.01	31.90 0.86 -12.60	33.10 0.75 -16.53	33.93 1.69 0.00	37.62 1.94 0.00	33.16 1.86 0.00	34.96 2.04 0.00	33.31 1.92 0.00	36.19 2.11 0.00	34.41 1.98 0.00	35.03 1.98 0.00	39.47 2.36 0.00	45.02 2.65 0.00	50.71 3.04 0.00	45.41 2.65 0.00	45.87 2.74 0.00	41.06 2.34 0.00	35.50 1.89 0.00	32.35 1.25 -7.65
ASTORIA_EAST_ENERGY_CC1 323581	35.55 1.97 -1.03	35.06 1.90 0.00	32.46 1.71 0.00	24.73 1.35 0.00	23.28 1.33 0.00	22.47 0.95 -6.52	31.41 1.25 -11.71	32.32 1.13 -15.37	34.27 2.04 0.01	38.01 2.33 0.00	33.63 2.33 0.00	35.31 2.39 0.00	33.67 2.29 0.00	36.50 2.42 0.00	34.71 2.28 0.00	35.34 2.29 0.01	39.64 2.54 0.01	45.29 2.93 0.00	50.91 3.24 0.00	45.42 2.66 0.00	45.94 2.82 0.00	41.23 2.51 0.00	35.77 2.16 0.00	32.13 1.56 -7.11
ASTORIA_EAST_ENERGY_CC2 323582	35.55 1.97 -1.03	35.06 1.90 0.00	32.46 1.71 0.00	24.73 1.35 0.00	23.28 1.33 0.00	22.47 0.95 -6.52	31.41 1.25 -11.71	32.32 1.13 -15.37	34.27 2.04 0.01	38.01 2.33 0.00	33.63 2.33 0.00	35.31 2.39 0.00	33.67 2.29 0.00	36.50 2.42 0.00	34.71 2.28 0.00	35.34 2.29 0.01	39.64 2.54 0.01	45.29 2.93 0.00	50.91 3.24 0.00	45.42 2.66 0.00	45.94 2.82 0.00	41.23 2.51 0.00	35.77 2.16 0.00	32.13 1.56 -7.11
ASTORIA_GT2_1 24094	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT2_2 24095	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT2_3 24096	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT2_4 24097	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT3_1 24098	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT3_2 24099	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT3_3 24100	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT3_4 24101	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT4_1 24102	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT4_2 24103	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT4_3 24104	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11

ASTORIA_GT4_4 24105	35.58 1.99 -1.03	35.10 1.95 0.00	32.48 1.72 0.00	24.73 1.35 0.00	23.29 1.35 0.00	22.47 0.95 -6.52	31.41 1.26 -11.71	32.32 1.13 -15.38	34.33 2.09 0.00	38.06 2.39 0.00	33.66 2.36 0.00	35.34 2.42 0.00	33.68 2.30 0.00	36.52 2.44 0.00	34.74 2.31 0.00	35.38 2.32 0.00	39.70 2.59 0.00	45.33 2.96 0.00	50.94 3.28 0.00	45.45 2.69 0.00	45.97 2.84 0.00	41.27 2.55 0.00	35.81 2.20 0.00	32.14 1.57 -7.11
ASTORIA_GT_1 23523	35.62 2.03 -1.03	35.14 1.98 0.00	32.52 1.76 0.00	24.77 1.39 0.00	23.32 1.37 0.00	22.49 0.98 -6.52	31.44 1.28 -11.71	32.35 1.16 -15.38	34.37 2.14 0.00	38.12 2.45 0.00	33.71 2.41 0.00	35.39 2.47 0.00	33.73 2.36 0.00	36.58 2.51 0.00	34.79 2.36 0.00	35.44 2.38 0.00	39.76 2.65 0.00	45.40 3.04 0.00	51.03 3.37 0.00	45.52 2.76 0.00	46.04 2.91 0.00	41.33 2.61 0.00	35.86 2.24 0.00	32.17 1.61 -7.11
ASTORIA_GT_10 24110	35.84 2.25 -1.03	35.31 2.16 0.00	32.68 1.93 0.00	24.91 1.53 0.00	23.46 1.51 0.00	22.58 1.06 -6.52	31.54 1.39 -11.71	32.44 1.24 -15.38	34.59 2.35 0.00	38.36 2.68 0.00	33.85 2.55 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.78 2.70 0.00	35.00 2.57 0.00	35.67 2.61 0.00	40.03 2.92 0.00	45.66 3.30 0.00	51.27 3.61 0.00	45.73 2.97 0.00	46.21 3.09 0.00	41.44 2.72 0.00	35.91 2.30 0.00	32.15 1.58 -7.11
ASTORIA_GT_11 24225	35.84 2.25 -1.03	35.31 2.16 0.00	32.68 1.93 0.00	24.91 1.53 0.00	23.46 1.51 0.00	22.58 1.06 -6.52	31.54 1.39 -11.71	32.44 1.24 -15.38	34.59 2.35 0.00	38.36 2.68 0.00	33.85 2.55 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.78 2.70 0.00	35.00 2.57 0.00	35.67 2.61 0.00	40.03 2.92 0.00	45.66 3.30 0.00	51.27 3.61 0.00	45.73 2.97 0.00	46.21 3.09 0.00	41.44 2.72 0.00	35.91 2.30 0.00	32.15 1.58 -7.11
ASTORIA_GT_12 24226	35.84 2.25 -1.03	35.31 2.16 0.00	32.68 1.93 0.00	24.91 1.53 0.00	23.46 1.51 0.00	22.58 1.06 -6.52	31.54 1.39 -11.71	32.44 1.24 -15.38	34.59 2.35 0.00	38.36 2.68 0.00	33.85 2.55 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.78 2.70 0.00	35.00 2.57 0.00	35.67 2.61 0.00	40.03 2.92 0.00	45.66 3.30 0.00	51.27 3.61 0.00	45.73 2.97 0.00	46.21 3.09 0.00	41.44 2.72 0.00	35.91 2.30 0.00	32.15 1.58 -7.11
ASTORIA_GT_13 24227	35.84 2.25 -1.03	35.31 2.16 0.00	32.68 1.93 0.00	24.91 1.53 0.00	23.46 1.51 0.00	22.58 1.06 -6.52	31.54 1.39 -11.71	32.44 1.24 -15.38	34.59 2.35 0.00	38.36 2.68 0.00	33.85 2.55 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.78 2.70 0.00	35.00 2.57 0.00	35.67 2.61 0.00	40.03 2.92 0.00	45.66 3.30 0.00	51.27 3.61 0.00	45.73 2.97 0.00	46.21 3.09 0.00	41.44 2.72 0.00	35.91 2.30 0.00	32.15 1.58 -7.11
ASTORIA_GT_5 24106	35.62 2.03 -1.03	35.14 1.98 0.00	32.52 1.76 0.00	24.77 1.39 0.00	23.32 1.37 0.00	22.49 0.98 -6.52	31.44 1.28 -11.71	32.35 1.16 -15.38	34.37 2.14 0.00	38.12 2.45 0.00	33.71 2.41 0.00	35.39 2.47 0.00	33.73 2.36 0.00	36.58 2.51 0.00	34.79 2.36 0.00	35.44 2.38 0.00	39.76 2.65 0.00	45.40 3.04 0.00	51.03 3.37 0.00	45.52 2.76 0.00	46.04 2.91 0.00	41.33 2.61 0.00	35.86 2.24 0.00	32.17 1.61 -7.11
ASTORIA_GT_7 24107	35.62 2.03 -1.03	35.14 1.98 0.00	32.52 1.76 0.00	24.77 1.39 0.00	23.32 1.37 0.00	22.49 0.98 -6.52	31.44 1.28 -11.71	32.35 1.16 -15.38	34.37 2.14 0.00	38.12 2.45 0.00	33.71 2.41 0.00	35.39 2.47 0.00	33.73 2.36 0.00	36.58 2.51 0.00	34.79 2.36 0.00	35.44 2.38 0.00	39.76 2.65 0.00	45.40 3.04 0.00	51.03 3.37 0.00	45.52 2.76 0.00	46.04 2.91 0.00	41.33 2.61 0.00	35.86 2.24 0.00	32.17 1.61 -7.11
ASTORIA_GT_8 24108	35.62 2.03 -1.03	35.14 1.98 0.00	32.52 1.76 0.00	24.77 1.39 0.00	23.32 1.37 0.00	22.49 0.98 -6.52	31.44 1.28 -11.71	32.35 1.16 -15.38	34.37 2.14 0.00	38.12 2.45 0.00	33.71 2.41 0.00	35.39 2.47 0.00	33.73 2.36 0.00	36.58 2.51 0.00	34.79 2.36 0.00	35.44 2.38 0.00	39.76 2.65 0.00	45.40 3.04 0.00	51.03 3.37 0.00	45.52 2.76 0.00	46.04 2.91 0.00	41.33 2.61 0.00	35.86 2.24 0.00	32.17 1.61 -7.11
ASTORIA___2 24149	35.57 1.99 -1.03	35.07 1.92 0.00	32.47 1.72 0.00	24.73 1.35 0.00	23.29 1.34 0.00	22.47 0.96 -6.52	31.41 1.26 -11.71	32.33 1.14 -15.37	34.28 2.05 0.01	38.03 2.35 0.00	33.65 2.35 0.00	35.33 2.41 0.00	33.68 2.31 0.00	36.51 2.43 0.00	34.73 2.30 0.00	35.36 2.31 0.01	39.67 2.56 0.01	45.31 2.94 0.00	50.92 3.26 0.00	45.44 2.68 0.00	45.97 2.84 0.00	41.25 2.53 0.00	35.79 2.18 0.00	32.14 1.57 -7.11
ASTORIA___3 23516	35.83 2.24 -1.03	35.30 2.15 0.00	32.68 1.93 0.00	24.90 1.52 0.00	23.45 1.51 0.00	22.58 1.06 -6.52	31.54 1.39 -11.71	32.44 1.25 -15.38	34.58 2.34 0.00	38.34 2.67 0.00	33.84 2.54 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.77 2.69 0.00	34.99 2.56 0.00	35.66 2.60 0.00	40.01 2.89 0.00	45.65 3.28 0.00	51.25 3.59 0.00	45.71 2.95 0.00	46.20 3.08 0.00	41.43 2.71 0.00	35.90 2.28 0.00	32.14 1.58 -7.11
ASTORIA___4 23517	35.84 2.25 -1.03	35.31 2.16 0.00	32.68 1.93 0.00	24.91 1.53 0.00	23.46 1.51 0.00	22.58 1.06 -6.52	31.54 1.39 -11.71	32.44 1.24 -15.38	34.59 2.35 0.00	38.36 2.68 0.00	33.85 2.55 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.78 2.70 0.00	35.00 2.57 0.00	35.67 2.61 0.00	40.03 2.92 0.00	45.66 3.30 0.00	51.27 3.61 0.00	45.73 2.97 0.00	46.21 3.09 0.00	41.44 2.72 0.00	35.91 2.30 0.00	32.15 1.58 -7.11
ASTORIA___5 23518	35.83 2.24 -1.03	35.30 2.15 0.00	32.68 1.93 0.00	24.90 1.52 0.00	23.45 1.51 0.00	22.58 1.06 -6.52	31.54 1.39 -11.71	32.44 1.25 -15.38	34.58 2.34 0.00	38.34 2.67 0.00	33.84 2.54 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.77 2.69 0.00	34.99 2.56 0.00	35.66 2.60 0.00	40.01 2.89 0.00	45.65 3.28 0.00	51.25 3.59 0.00	45.71 2.95 0.00	46.20 3.08 0.00	41.43 2.71 0.00	35.90 2.28 0.00	32.14 1.58 -7.11
AST_ENERGY_2_CC3 323677	35.74 2.15 -1.03	35.20 2.05 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.49 1.34 -11.71	32.40 1.21 -15.38	34.49 2.26 0.00	38.22 2.54 0.00	33.72 2.42 0.00	35.46 2.54 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.51 0.00	39.92 2.81 0.00	45.53 3.17 0.00	51.14 3.48 0.00	45.61 2.85 0.00	46.10 2.97 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.54 -7.11
AST_ENERGY_2_CC4 323678	35.74 2.15 -1.03	35.20 2.05 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.49 1.34 -11.71	32.40 1.21 -15.38	34.49 2.26 0.00	38.22 2.54 0.00	33.72 2.42 0.00	35.46 2.54 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.51 0.00	39.92 2.81 0.00	45.53 3.17 0.00	51.14 3.48 0.00	45.61 2.85 0.00	46.10 2.97 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.54 -7.11

ATHENS_STG_1 23668	34.98 1.33 -1.09	34.44 1.29 0.00	31.93 1.18 0.00	24.31 0.92 0.00	22.83 0.89 0.00	22.48 0.62 -6.86	31.57 0.80 -12.32	32.66 0.71 -16.14	33.54 1.30 0.00	37.12 1.45 0.00	32.68 1.38 0.00	34.39 1.47 0.00	32.77 1.39 0.00	35.57 1.49 0.00	33.85 1.42 0.00	34.49 1.44 0.00	38.77 1.66 0.00	44.24 1.87 0.00	49.75 2.09 0.00	44.52 1.76 0.00	44.97 1.84 0.00	40.34 1.63 0.00	34.99 1.38 0.00	31.87 0.96 -7.46
ATHENS_STG_2 23670	34.98 1.33 -1.09	34.44 1.29 0.00	31.93 1.18 0.00	24.31 0.92 0.00	22.83 0.89 0.00	22.48 0.62 -6.86	31.57 0.80 -12.32	32.66 0.71 -16.14	33.54 1.30 0.00	37.12 1.45 0.00	32.68 1.38 0.00	34.39 1.47 0.00	32.77 1.39 0.00	35.57 1.49 0.00	33.85 1.42 0.00	34.49 1.44 0.00	38.77 1.66 0.00	44.24 1.87 0.00	49.75 2.09 0.00	44.52 1.76 0.00	44.97 1.84 0.00	40.34 1.63 0.00	34.99 1.38 0.00	31.87 0.96 -7.46
ATHENS_STG_3 23677	34.98 1.33 -1.09	34.44 1.29 0.00	31.93 1.18 0.00	24.31 0.92 0.00	22.83 0.89 0.00	22.48 0.62 -6.86	31.57 0.80 -12.32	32.66 0.71 -16.14	33.54 1.30 0.00	37.12 1.45 0.00	32.68 1.38 0.00	34.39 1.47 0.00	32.77 1.39 0.00	35.57 1.49 0.00	33.85 1.42 0.00	34.49 1.44 0.00	38.77 1.66 0.00	44.24 1.87 0.00	49.75 2.09 0.00	44.52 1.76 0.00	44.97 1.84 0.00	40.34 1.63 0.00	34.99 1.38 0.00	31.87 0.96 -7.46
AUBURN___LFGE 323710	32.31 -0.08 0.17	33.16 0.00 0.00	30.75 -0.01 0.00	23.37 -0.01 0.00	21.87 -0.07 0.00	15.82 -0.07 -0.90	19.97 -0.09 -1.62	17.88 0.01 -2.06	32.23 -0.01 0.00	35.68 0.01 0.00	31.27 -0.02 0.00	32.89 -0.03 0.00	31.24 -0.14 0.00	33.99 -0.09 0.00	32.36 -0.07 0.00	32.89 -0.17 0.00	37.04 -0.07 0.00	42.31 -0.05 0.00	47.61 -0.05 0.00	42.56 -0.20 0.00	43.01 -0.12 0.00	38.71 -0.01 0.00	33.52 -0.09 0.00	24.31 -0.08 -0.94
BABYLON_RES_REC 323704	38.13 3.10 -2.48	40.42 3.04 -4.23	38.05 2.78 -4.51	31.35 2.16 -5.81	37.15 2.02 -13.19	22.86 1.35 -6.52	32.01 1.85 -11.71	32.83 1.63 -15.38	39.47 3.13 -4.10	81.77 3.56 -42.54	50.35 3.26 -15.79	44.36 3.39 -8.06	34.58 3.18 -0.02	41.43 3.35 -4.00	35.63 3.20 0.00	36.37 3.31 0.00	41.65 3.71 -0.83	50.91 4.21 -4.33	52.30 4.55 -0.09	48.58 3.91 -1.92	47.04 3.91 0.00	42.26 3.54 0.00	42.63 3.22 -5.79	32.69 2.12 -7.11
BALL_HILL_WT_PWR 323825	18.07 -3.04 11.44	18.44 -2.49 12.22	17.95 -2.38 10.42	7.26 -1.87 14.25	6.05 -1.70 14.19	1.83 -1.26 11.90	4.92 -1.57 11.95	3.45 -1.38 10.99	12.98 -2.93 16.33	15.49 -3.12 17.07	15.10 -2.89 13.31	18.57 -3.08 11.26	27.53 -3.06 0.79	28.10 -3.35 2.64	14.29 -3.35 14.79	16.46 -3.11 13.48	15.45 -3.69 17.98	17.92 -4.34 20.10	18.74 -5.06 23.86	17.26 -4.53 20.97	19.86 -4.16 19.11	17.14 -3.46 18.12	14.31 -2.68 16.63	7.93 -1.92 13.60
BARON_WINDS___WT_PWR 323822	-18.84 -2.10 49.30	-23.40 -1.92 54.64	-17.80 -1.97 46.59	-41.90 -1.58 63.70	-43.00 -1.49 63.45	-43.00 -1.09 56.90	-43.00 -1.31 60.13	-43.00 -1.10 57.71	-43.00 -2.21 73.03	-43.00 -2.34 76.33	-30.35 -2.12 59.53	-19.71 -2.25 50.38	25.72 -2.12 3.54	19.94 -2.34 11.79	-36.04 -2.32 66.15	-29.42 -2.17 60.30	-45.78 -2.51 80.38	-50.32 -2.79 89.90	-62.15 -3.12 106.70	-53.81 -2.79 93.78	-45.00 -2.67 85.45	-44.83 -2.50 81.06	-43.00 -2.24 74.37	-43.00 -1.68 64.77
BARRETT_IC_1 23704	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT_IC_10 23701	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT_IC_11 23702	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT_IC_12 23703	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT_IC_2 23705	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT_IC_3 23706	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT_IC_4 23707	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT_IC_5 23708	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11

BARRETT_IC_6 23709	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT_IC_7 23710	37.60 2.57 -2.48	39.89 2.51 -4.23	37.54 2.28 -4.51	30.97 1.78 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.99 2.65 -4.10	81.22 3.01 -42.54	49.88 2.79 -15.79	43.88 2.91 -8.06	34.14 2.75 -0.02	41.01 2.94 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.16 3.21 -0.83	50.32 3.62 -4.33	51.72 3.97 -0.09	48.00 3.33 -1.92	46.44 3.31 0.00	41.68 2.96 0.00	42.09 2.69 -5.79	32.38 1.81 -7.11
BARRETT_IC_8 23711	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT_IC_9 23700	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT___1 23545	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BARRETT___2 23546	37.60 2.56 -2.48	39.89 2.50 -4.23	37.54 2.28 -4.51	30.97 1.77 -5.81	36.82 1.69 -13.19	22.65 1.14 -6.52	31.72 1.56 -11.71	32.58 1.38 -15.38	38.98 2.65 -4.10	81.21 2.99 -42.54	49.88 2.79 -15.79	43.88 2.90 -8.06	34.14 2.75 -0.02	41.01 2.93 -4.00	35.22 2.79 0.00	35.91 2.86 0.00	41.13 3.19 -0.83	50.30 3.61 -4.33	51.66 3.91 -0.09	47.99 3.31 -1.92	46.43 3.31 0.00	41.67 2.95 0.00	42.08 2.68 -5.79	32.37 1.81 -7.11
BATAVIA___115KV_TB1 55881	24.55 -1.88 6.13	25.27 -1.49 6.38	23.90 -1.41 5.44	14.85 -1.09 7.44	13.57 -0.96 7.42	8.43 -0.72 5.85	11.97 -0.88 5.58	10.14 -0.79 4.89	21.95 -1.76 8.52	24.83 -1.93 8.91	22.57 -1.78 6.95	25.15 -1.89 5.88	29.09 -1.88 0.41	30.72 -1.98 1.38	22.72 -1.99 7.72	24.18 -1.84 7.04	25.58 -2.15 9.38	29.31 -2.56 10.49	32.00 -3.21 12.45	29.18 -2.64 10.95	30.88 -2.26 9.97	27.47 -1.79 9.46	23.65 -1.28 8.68	15.81 -0.92 6.72
BAYONEEC___CTG1 323682	35.73 2.14 -1.03	35.19 2.04 0.00	32.60 1.84 0.00	24.84 1.46 0.00	23.39 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.21 -15.38	34.50 2.26 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.62 2.86 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.55 -7.11
BAYONEEC___CTG10 323750	35.73 2.14 -1.03	35.19 2.04 0.00	32.60 1.84 0.00	24.84 1.46 0.00	23.39 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.21 -15.38	34.50 2.26 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.62 2.86 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.55 -7.11
BAYONEEC___CTG2 323683	35.73 2.14 -1.03	35.19 2.04 0.00	32.60 1.84 0.00	24.84 1.46 0.00	23.39 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.21 -15.38	34.50 2.26 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.62 2.86 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.55 -7.11
BAYONEEC___CTG3 323684	35.73 2.14 -1.03	35.19 2.04 0.00	32.60 1.84 0.00	24.84 1.46 0.00	23.39 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.21 -15.38	34.50 2.26 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.62 2.86 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.55 -7.11
BAYONEEC___CTG4 323685	35.73 2.14 -1.03	35.19 2.04 0.00	32.60 1.84 0.00	24.84 1.46 0.00	23.39 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.21 -15.38	34.50 2.26 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.62 2.86 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.55 -7.11
BAYONEEC___CTG5 323686	35.73 2.14 -1.03	35.19 2.04 0.00	32.60 1.84 0.00	24.84 1.46 0.00	23.39 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.21 -15.38	34.50 2.26 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.62 2.86 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.55 -7.11
BAYONEEC___CTG6 323687	35.73 2.14 -1.03	35.19 2.04 0.00	32.60 1.84 0.00	24.84 1.46 0.00	23.39 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.21 -15.38	34.50 2.26 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.62 2.86 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.55 -7.11
BAYONEEC___CTG7 323688	35.73 2.14 -1.03	35.19 2.04 0.00	32.60 1.84 0.00	24.84 1.46 0.00	23.39 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.21 -15.38	34.50 2.26 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.62 2.86 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.55 -7.11

BAYONEEC___CTG8 323689	35.73 2.14 -1.03	35.19 2.04 0.00	32.60 1.84 0.00	24.84 1.46 0.00	23.39 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.21 -15.38	34.50 2.26 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.62 2.86 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.55 -7.11
BAYONEEC___CTG9 323749	35.73 2.14 -1.03	35.19 2.04 0.00	32.60 1.84 0.00	24.84 1.46 0.00	23.39 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.21 -15.38	34.50 2.26 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.62 2.86 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.55 -7.11
BAYPORT_69_KV_BK 2 356364	38.76 3.72 -2.48	41.07 3.69 -4.23	38.64 3.37 -4.51	31.79 2.60 -5.81	37.53 2.40 -13.19	23.08 1.56 -6.52	32.29 2.13 -11.71	33.07 1.88 -15.38	40.00 3.66 -4.10	82.41 4.20 -42.54	50.81 3.73 -15.79	44.81 3.83 -8.06	34.93 3.53 -0.02	41.81 3.73 -4.00	35.96 3.53 0.00	36.76 3.70 0.00	42.13 4.19 -0.83	51.56 4.86 -4.33	53.06 5.31 -0.09	49.26 4.58 -1.92	47.61 4.49 0.00	42.72 4.00 0.00	43.08 3.67 -5.79	32.96 2.39 -7.11
BEACON___LESR 323632	34.98 1.25 -1.18	34.33 1.18 0.00	31.88 1.12 0.00	24.27 0.89 0.00	22.76 0.82 0.00	23.01 0.57 -7.45	32.51 0.67 -13.40	33.90 0.55 -17.53	33.26 1.02 0.00	36.78 1.11 0.00	32.33 1.03 0.00	34.05 1.13 0.00	32.38 1.00 0.00	35.22 1.14 0.00	33.51 1.08 0.00	34.14 1.08 0.00	38.47 1.36 0.00	43.83 1.46 0.00	49.32 1.66 0.00	44.26 1.50 0.00	44.66 1.54 0.00	40.11 1.39 0.00	34.77 1.16 0.00	32.40 0.85 -8.10
BEAVER RIVER___HYD 24048	32.49 -0.11 -0.05	32.85 -0.30 0.00	30.40 -0.36 0.00	23.04 -0.35 0.00	21.60 -0.34 0.00	15.00 -0.30 -0.30	18.61 -0.37 -0.54	16.18 -0.32 -0.69	31.65 -0.58 0.00	35.26 -0.41 0.00	30.62 -0.68 0.00	31.82 -1.10 0.00	30.68 -0.69 0.00	32.79 -1.29 0.00	31.22 -1.21 0.00	31.99 -1.07 0.00	35.69 -1.43 0.00	40.84 -1.53 0.00	46.40 -1.27 0.00	41.81 -0.95 0.00	42.09 -1.03 0.00	37.74 -0.99 0.00	32.71 -0.90 0.00	22.95 -0.81 -0.32
BEEBEE_GT_13 23619	30.91 -1.26 0.39	32.09 -1.07 0.00	29.75 -1.01 0.00	22.60 -0.78 0.00	21.24 -0.70 0.00	15.31 -0.51 -0.83	19.29 -0.63 -1.48	17.18 -0.53 -1.90	31.09 -1.15 0.00	34.45 -1.23 0.00	30.18 -1.11 0.00	31.73 -1.19 0.00	30.26 -1.12 0.00	32.87 -1.21 0.00	31.15 -1.27 0.00	31.86 -1.19 0.00	35.72 -1.39 0.00	40.75 -1.61 0.00	45.67 -1.99 0.00	41.06 -1.70 0.00	41.69 -1.44 0.00	37.52 -1.20 0.00	32.69 -0.92 0.00	23.66 -0.87 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.07 2.48 -1.03	35.52 2.37 0.00	32.88 2.12 0.00	25.05 1.67 0.00	23.59 1.64 0.00	22.66 1.15 -6.52	31.66 1.50 -11.71	32.54 1.35 -15.38	34.82 2.57 0.00	38.61 2.93 0.00	34.07 2.77 0.00	35.82 2.90 0.00	34.16 2.78 0.00	37.03 2.95 0.00	35.25 2.82 0.00	35.92 2.87 0.00	40.32 3.20 0.00	45.96 3.59 0.00	51.56 3.90 0.00	45.98 3.22 0.00	46.49 3.36 0.00	41.73 3.01 0.00	36.16 2.55 0.00	32.32 1.75 -7.11
BETHLEHEM___GRP 23843	34.66 0.92 -1.18	34.01 0.86 0.00	31.58 0.83 0.00	24.04 0.66 0.00	22.55 0.61 0.00	22.86 0.42 -7.45	32.30 0.46 -13.40	33.72 0.37 -17.53	32.87 0.63 0.00	36.35 0.68 0.00	31.95 0.65 0.00	33.64 0.72 0.00	32.02 0.64 0.00	34.81 0.73 0.00	33.13 0.69 0.00	33.73 0.68 0.00	37.98 0.87 0.00	43.25 0.88 0.00	48.64 0.98 0.00	43.64 0.88 0.00	44.05 0.92 0.00	39.59 0.87 0.00	34.33 0.71 0.00	32.12 0.57 -8.10
BETHLEHEM___GS1 323560	34.66 0.92 -1.18	34.01 0.85 0.00	31.58 0.83 0.00	24.04 0.66 0.00	22.55 0.61 0.00	22.86 0.42 -7.45	32.30 0.46 -13.40	33.72 0.37 -17.53	32.87 0.63 0.00	36.34 0.67 0.00	31.95 0.65 0.00	33.64 0.72 0.00	32.01 0.64 0.00	34.81 0.73 0.00	33.12 0.68 0.00	33.72 0.67 0.00	37.97 0.86 0.00	43.23 0.86 0.00	48.62 0.95 0.00	43.62 0.86 0.00	44.04 0.92 0.00	39.57 0.85 0.00	34.33 0.71 0.00	32.12 0.57 -8.10
BETHLEHEM___GS2 323561	34.66 0.92 -1.18	34.01 0.85 0.00	31.58 0.83 0.00	24.04 0.66 0.00	22.55 0.61 0.00	22.86 0.42 -7.45	32.30 0.46 -13.40	33.72 0.37 -17.53	32.87 0.63 0.00	36.34 0.67 0.00	31.95 0.65 0.00	33.64 0.72 0.00	32.01 0.64 0.00	34.81 0.73 0.00	33.12 0.68 0.00	33.72 0.67 0.00	37.97 0.86 0.00	43.23 0.86 0.00	48.62 0.95 0.00	43.62 0.86 0.00	44.04 0.92 0.00	39.57 0.85 0.00	34.33 0.71 0.00	32.12 0.57 -8.10
BETHLEHEM___GS3 323562	34.66 0.92 -1.18	34.01 0.85 0.00	31.58 0.83 0.00	24.04 0.66 0.00	22.55 0.61 0.00	22.86 0.42 -7.45	32.30 0.46 -13.40	33.72 0.37 -17.53	32.87 0.63 0.00	36.34 0.67 0.00	31.95 0.65 0.00	33.64 0.72 0.00	32.01 0.64 0.00	34.81 0.73 0.00	33.12 0.68 0.00	33.72 0.67 0.00	37.97 0.86 0.00	43.23 0.86 0.00	48.62 0.95 0.00	43.62 0.86 0.00	44.04 0.92 0.00	39.57 0.85 0.00	34.33 0.71 0.00	32.12 0.57 -8.10
BETHLEHEM___STEEL 23779	18.49 -2.86 11.20	18.79 -2.38 11.97	18.27 -2.28 10.21	7.66 -1.77 13.96	6.44 -1.60 13.91	2.16 -1.19 11.65	5.26 -1.48 11.70	3.76 -1.30 10.75	13.40 -2.84 16.00	15.87 -3.09 16.72	15.44 -2.82 13.04	18.84 -3.05 11.03	27.63 -2.98 0.77	28.27 -3.23 2.58	14.69 -3.25 14.49	16.75 -3.09 13.21	15.86 -3.64 17.61	18.41 -4.26 19.69	19.24 -5.06 23.37	17.81 -4.41 20.54	20.42 -3.99 18.71	17.70 -3.27 17.75	14.83 -2.50 16.29	8.38 -1.75 13.32
BETHLHEM_115KV_TB1 79974	34.69 0.95 -1.18	34.04 0.89 0.00	31.61 0.85 0.00	24.06 0.68 0.00	22.57 0.63 0.00	22.87 0.43 -7.44	32.32 0.49 -13.39	33.74 0.40 -17.52	32.94 0.70 0.00	36.42 0.75 0.00	32.02 0.72 0.00	33.71 0.79 0.00	32.08 0.70 0.00	34.88 0.80 0.00	33.19 0.76 0.00	33.80 0.74 0.00	38.05 0.94 0.00	43.35 0.98 0.00	48.75 1.09 0.00	43.74 0.98 0.00	44.14 1.01 0.00	39.65 0.93 0.00	34.39 0.78 0.00	32.15 0.61 -8.10
BETHPAGE_CC_5 323564	38.01 2.98 -2.48	40.32 2.93 -4.23	37.94 2.68 -4.51	31.27 2.08 -5.81	37.10 1.96 -13.19	22.83 1.31 -6.52	31.96 1.80 -11.71	32.78 1.58 -15.38	39.39 3.05 -4.10	81.68 3.46 -42.54	50.28 3.19 -15.79	44.29 3.31 -8.06	34.51 3.12 -0.02	41.40 3.32 -4.00	35.60 3.17 0.00	36.31 3.26 0.00	41.58 3.64 -0.83	50.82 4.13 -4.33	52.23 4.48 -0.09	48.50 3.83 -1.92	46.98 3.85 0.00	42.19 3.48 0.00	42.54 3.13 -5.79	32.64 2.08 -7.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.04 -2.84 10.67	19.43 -2.36 11.36	18.79 -2.27 9.68	8.38 -1.76 13.24	7.15 -1.60 13.19	2.82 -1.19 10.98	5.98 -1.48 10.97	4.48 -1.30 10.04	14.22 -2.85 15.17	16.73 -3.08 15.86	16.11 -2.82 12.37	19.40 -3.05 10.47	27.67 -2.98 0.73	28.40 -3.23 2.45	15.44 -3.25 13.74	17.43 -3.09 12.53	16.77 -3.64 16.70	19.43 -4.26 18.68	20.45 -5.05 22.17	18.85 -4.42 19.48	21.38 -3.99 17.75	18.61 -3.27 16.84	15.66 -2.50 15.45	9.13 -1.76 12.56

BINGHAMTON___COGEN 23790	33.88 -0.07 -1.40	33.21 0.05 0.00	30.77 0.01 0.00	23.37 -0.01 0.00	21.97 0.03 0.00	17.34 0.00 -2.34	22.65 0.00 -4.21	21.20 0.03 -5.36	32.22 -0.02 0.00	35.68 0.01 0.00	31.30 0.00 0.00	32.92 0.00 0.00	31.38 0.00 0.00	34.07 -0.01 0.00	32.38 -0.06 0.00	33.08 0.02 0.00	37.10 -0.01 0.00	42.35 -0.02 0.00	47.62 -0.04 0.00	42.65 -0.11 0.00	43.14 0.01 0.00	38.71 -0.01 0.00	33.62 0.01 0.00	25.88 -0.02 -2.45
BIXINCNT_115KV_LOAD 355685	21.22 -3.26 8.07	22.07 -2.75 8.33	20.82 -2.83 7.10	11.41 -2.26 9.71	10.11 -2.16 9.67	5.68 -1.63 7.69	9.00 -2.05 7.40	7.52 -1.77 6.53	17.26 -3.86 11.12	19.79 -4.26 11.63	18.23 -4.00 9.07	20.96 -4.28 7.67	26.68 -4.16 0.54	27.77 -4.51 1.80	17.87 -4.48 10.08	19.52 -4.35 9.19	19.83 -5.03 12.24	22.83 -5.84 13.70	24.64 -6.77 16.25	22.44 -6.03 14.29	24.48 -5.63 13.02	21.61 -4.76 12.35	18.47 -3.81 11.33	11.95 -2.67 8.83
BLACK RIVER___HYD 24047	32.55 -0.07 -0.06	32.90 -0.25 0.00	30.39 -0.37 0.00	23.03 -0.35 0.00	21.62 -0.32 0.00	15.12 -0.27 -0.39	18.80 -0.35 -0.71	16.40 -0.32 -0.91	31.59 -0.65 0.00	35.28 -0.39 0.00	30.69 -0.61 0.00	31.88 -1.04 0.00	30.81 -0.57 0.00	32.92 -1.16 0.00	31.22 -1.21 0.00	32.00 -1.05 0.00	35.81 -1.30 0.00	40.98 -1.39 0.00	46.65 -1.02 0.00	41.96 -0.80 0.00	42.28 -0.85 0.00	37.89 -0.83 0.00	32.80 -0.81 0.00	23.09 -0.78 -0.42
BLACKRVR_115KV_TB2 79977	32.55 -0.07 -0.06	32.90 -0.25 0.00	30.38 -0.37 0.00	23.04 -0.35 0.00	21.62 -0.32 0.00	15.12 -0.27 -0.39	18.80 -0.35 -0.71	16.40 -0.32 -0.91	31.59 -0.65 0.00	35.28 -0.40 0.00	30.69 -0.61 0.00	31.88 -1.04 0.00	30.81 -0.57 0.00	32.92 -1.16 0.00	31.22 -1.21 0.00	32.00 -1.06 0.00	35.81 -1.30 0.00	40.98 -1.39 0.00	46.65 -1.01 0.00	41.96 -0.79 0.00	42.28 -0.85 0.00	37.88 -0.84 0.00	32.80 -0.81 0.00	23.09 -0.78 -0.42
BLISS_WT_PWR 323608	21.04 -3.44 8.07	21.91 -2.91 8.33	20.61 -3.03 7.10	11.24 -2.43 9.71	9.92 -2.34 9.67	5.52 -1.78 7.69	8.79 -2.25 7.40	7.35 -1.94 6.53	16.96 -4.16 11.12	19.43 -4.62 11.63	17.88 -4.35 9.07	20.57 -4.67 7.67	26.30 -4.54 0.54	27.37 -4.91 1.80	17.51 -4.84 10.08	19.19 -4.67 9.19	19.49 -5.38 12.24	22.41 -6.27 13.70	24.17 -7.23 16.25	22.03 -6.44 14.29	24.00 -6.10 13.02	21.19 -5.19 12.35	18.11 -4.17 11.33	11.68 -2.95 8.83
BLUESTONE___WT_PWR 323821	34.38 0.90 -0.92	34.07 0.92 0.00	31.55 0.80 0.00	23.98 0.60 0.00	22.53 0.59 0.00	18.70 0.40 -3.31	24.77 0.38 -5.95	22.99 -0.17 -7.35	33.28 -0.65 -1.69	36.61 -0.83 -1.76	31.84 -0.84 -1.38	33.07 -1.02 -1.17	30.52 -0.94 -0.08	33.35 -1.00 -0.27	32.98 -0.98 -1.53	33.58 -0.87 -1.40	38.00 -0.97 -1.86	43.37 -1.07 -2.08	49.08 -1.05 -2.47	44.02 -0.91 -2.17	44.17 -0.93 -1.98	39.59 -1.01 -1.87	34.36 -0.97 -1.72	26.84 -0.78 -4.17
BLUE_CIRC_CHEM_DRP 24182	34.88 1.16 -1.17	34.29 1.14 0.00	31.83 1.08 0.00	24.23 0.85 0.00	22.74 0.80 0.00	22.90 0.54 -7.36	32.34 0.66 -13.24	33.67 0.53 -17.33	33.20 0.96 0.00	36.69 1.01 0.00	32.23 0.94 0.00	33.93 1.00 0.00	32.27 0.89 0.00	35.09 1.01 0.00	33.39 0.96 0.00	34.04 0.99 0.00	38.31 1.20 0.00	43.70 1.33 0.00	49.17 1.50 0.00	44.10 1.34 0.00	44.52 1.40 0.00	39.99 1.27 0.00	34.70 1.08 0.00	32.26 0.80 -8.01
BOC_GAS_DRP 24189	34.69 0.96 -1.18	34.08 0.93 0.00	31.62 0.86 0.00	24.06 0.68 0.00	22.59 0.64 0.00	22.85 0.45 -7.41	32.33 0.56 -13.32	33.72 0.47 -17.43	33.09 0.85 0.00	36.60 0.93 0.00	32.18 0.88 0.00	33.87 0.95 0.00	32.24 0.86 0.00	35.05 0.97 0.00	33.35 0.92 0.00	33.96 0.91 0.00	38.21 1.10 0.00	43.55 1.19 0.00	49.01 1.35 0.00	43.93 1.16 0.00	44.34 1.22 0.00	39.81 1.09 0.00	34.53 0.91 0.00	32.19 0.68 -8.06
BOONVILLE_115KV_TB1 79983	33.16 0.56 -0.05	33.60 0.45 0.00	31.11 0.36 0.00	23.60 0.22 0.00	22.15 0.20 0.00	15.39 0.10 -0.30	19.10 0.13 -0.53	16.60 0.11 -0.68	32.52 0.28 0.00	36.15 0.48 0.00	31.51 0.21 0.00	32.93 0.01 0.00	31.58 0.20 0.00	34.01 -0.07 0.00	32.38 -0.05 0.00	33.12 0.06 0.00	37.06 -0.06 0.00	42.43 0.06 0.00	47.99 0.32 0.00	43.13 0.37 0.00	43.46 0.34 0.00	38.91 0.19 0.00	33.73 0.12 0.00	23.70 -0.06 -0.31
BORALEX_4TH_BRANCH 23824	35.47 1.73 -1.19	34.77 1.62 0.00	32.29 1.54 0.00	24.57 1.19 0.00	22.98 1.04 0.00	23.22 0.75 -7.48	32.77 0.93 -13.40	34.16 0.80 -17.54	33.70 1.46 0.00	37.18 1.50 0.00	32.62 1.32 0.00	34.40 1.48 0.00	32.70 1.32 0.00	35.59 1.51 0.00	33.84 1.41 0.00	34.47 1.41 0.00	38.94 1.83 0.00	44.45 2.08 0.00	50.02 2.36 0.00	44.85 2.09 0.00	45.26 2.13 0.00	40.54 1.82 0.00	35.23 1.62 0.00	32.74 1.19 -8.11
BOWLINE___1 23526	35.57 1.99 -1.02	35.03 1.87 0.00	32.43 1.67 0.00	24.69 1.31 0.00	23.23 1.29 0.00	22.32 0.91 -6.42	31.17 1.20 -11.53	32.03 1.08 -15.14	34.25 2.02 0.00	37.99 2.32 0.00	33.50 2.20 0.00	35.24 2.32 0.00	33.61 2.23 0.00	36.43 2.35 0.00	34.69 2.26 0.00	35.37 2.31 0.00	39.71 2.59 0.00	45.31 2.95 0.00	50.91 3.25 0.00	45.40 2.64 0.00	45.89 2.77 0.00	41.13 2.41 0.00	35.66 2.05 0.00	31.88 1.43 -7.01
BOWLINE___2 23595	35.57 1.99 -1.02	35.03 1.87 0.00	32.43 1.67 0.00	24.69 1.31 0.00	23.23 1.29 0.00	22.32 0.91 -6.42	31.17 1.20 -11.53	32.03 1.08 -15.14	34.25 2.02 0.00	37.99 2.32 0.00	33.50 2.20 0.00	35.24 2.32 0.00	33.61 2.23 0.00	36.43 2.35 0.00	34.69 2.26 0.00	35.37 2.31 0.00	39.71 2.59 0.00	45.31 2.95 0.00	50.91 3.25 0.00	45.40 2.64 0.00	45.89 2.77 0.00	41.13 2.41 0.00	35.66 2.05 0.00	31.88 1.43 -7.01
BRADY___115KV_TB2 356060	32.63 0.07 0.00	33.21 0.06 0.00	30.82 0.06 0.00	23.41 0.03 0.00	21.96 0.02 0.00	14.99 0.00 0.00	18.39 -0.05 0.00	15.70 -0.11 0.00	32.05 -0.20 0.00	35.42 -0.26 0.00	30.94 -0.36 0.00	32.47 -0.45 0.00	31.05 -0.32 0.00	33.78 -0.30 0.00	32.13 -0.30 0.00	32.78 -0.28 0.00	36.70 -0.41 0.00	42.26 -0.10 0.00	47.67 0.01 0.00	42.94 0.18 0.00	43.38 0.25 0.00	39.06 0.34 0.00	33.87 0.26 0.00	23.54 0.10 0.00
BRANSCOMB___SOLAR 323811	35.65 1.88 -1.21	34.97 1.82 0.00	32.45 1.70 0.00	24.71 1.33 0.00	23.14 1.20 0.00	23.47 0.86 -7.62	33.24 1.06 -13.74	34.66 0.87 -17.97	33.84 1.60 0.00	37.29 1.62 0.00	32.67 1.37 0.00	34.45 1.52 0.00	32.71 1.33 0.00	35.52 1.44 0.00	33.78 1.34 0.00	34.47 1.42 0.00	39.00 1.89 0.00	44.56 2.19 0.00	50.31 2.65 0.00	45.18 2.42 0.00	45.66 2.53 0.00	40.93 2.20 0.00	35.49 1.88 0.00	33.04 1.28 -8.30
BRDGHMPT_69_KV_BK1 55812	39.48 4.45 -2.48	41.79 4.41 -4.23	39.30 4.03 -4.51	32.29 3.09 -5.81	37.97 2.84 -13.19	23.34 1.83 -6.52	32.60 2.45 -11.71	33.31 2.12 -15.38	40.55 4.21 -4.10	83.20 4.98 -42.54	51.33 4.24 -15.79	45.27 4.29 -8.06	35.24 3.84 -0.02	42.29 4.21 -4.00	36.37 3.94 0.00	37.31 4.25 0.00	42.78 4.83 -0.83	52.46 5.77 -4.33	54.06 6.31 -0.09	50.15 5.48 -1.92	48.18 5.06 0.00	43.01 4.29 0.00	43.30 3.89 -5.79	33.06 2.50 -7.11

BRENTWOD_69_KV_W. BRTWOOD 56703	38.39 3.36 -2.48	40.70 3.32 -4.23	38.30 3.04 -4.51	31.54 2.35 -5.81	37.31 2.18 -13.19	22.96 1.44 -6.52	32.15 1.99 -11.71	32.94 1.75 -15.38	39.70 3.36 -4.10	82.03 3.82 -42.54	50.53 3.44 -15.79	44.56 3.58 -8.06	34.73 3.33 -0.02	41.58 3.50 -4.00	35.77 3.34 0.00	36.54 3.48 0.00	41.87 3.92 -0.83	51.15 4.46 -4.33	52.49 4.74 -0.09	48.74 4.07 -1.92	47.17 4.04 0.00	42.41 3.69 0.00	42.85 3.44 -5.79	32.82 2.25 -7.11
BRISTLHL_115KV_TB1 79998	31.78 -0.86 -0.09	32.30 -0.85 0.00	29.94 -0.82 0.00	22.75 -0.63 0.00	21.37 -0.58 0.00	15.16 -0.40 -0.57	18.97 -0.49 -1.03	16.71 -0.42 -1.31	31.37 -0.87 0.00	34.76 -0.91 0.00	30.48 -0.82 0.00	32.04 -0.88 0.00	30.58 -0.80 0.00	33.18 -0.90 0.00	31.57 -0.87 0.00	32.16 -0.90 0.00	36.10 -1.01 0.00	41.18 -1.19 0.00	46.31 -1.35 0.00	41.56 -1.21 0.00	41.97 -1.15 0.00	37.64 -1.08 0.00	32.68 -0.93 0.00	23.42 -0.63 -0.60
BROOKHAVEN___DRP 24191	38.71 3.67 -2.48	41.02 3.64 -4.23	38.60 3.34 -4.51	31.77 2.57 -5.81	37.49 2.36 -13.19	23.03 1.52 -6.52	32.23 2.08 -11.71	33.01 1.82 -15.38	39.87 3.53 -4.10	82.27 4.06 -42.54	50.60 3.51 -15.79	44.55 3.58 -8.06	34.62 3.22 -0.02	41.50 3.42 -4.00	35.65 3.22 0.00	36.46 3.41 0.00	41.81 3.87 -0.83	51.25 4.56 -4.33	52.73 4.98 -0.09	48.96 4.29 -1.92	47.22 4.09 0.00	42.35 3.63 0.00	42.79 3.39 -5.79	32.77 2.21 -7.11
BROOKLYN_NAVY_YARD 23515	35.62 2.04 -1.03	35.09 1.94 0.00	32.48 1.74 0.01	24.77 1.38 0.00	23.31 1.37 0.01	22.48 0.97 -6.52	31.43 1.27 -11.71	32.34 1.15 -15.37	34.39 2.15 0.01	29.58 2.42 8.51	33.59 2.30 0.00	35.32 2.40 0.00	33.68 2.31 0.00	36.51 2.43 0.00	34.76 2.33 0.00	35.44 2.39 0.00	39.78 2.67 0.00	45.39 3.02 0.00	50.99 3.33 0.00	45.48 2.72 0.00	45.97 2.85 0.00	41.22 2.50 0.00	35.74 2.13 0.00	32.04 1.48 -7.11
BROOKLYN___ARMY_DRP 323595	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
BROOME_2_LFGE 323671	33.88 -0.07 -1.40	33.20 0.05 0.00	30.76 0.01 0.00	23.37 -0.01 0.00	21.97 0.03 0.00	17.34 0.00 -2.34	22.65 0.00 -4.21	21.20 0.02 -5.36	32.20 -0.04 0.00	35.68 0.00 0.00	31.29 0.00 0.00	32.92 0.00 0.00	31.38 0.00 0.00	34.07 -0.01 0.00	32.36 -0.07 0.00	33.08 0.02 0.00	37.09 -0.03 0.00	42.33 -0.04 0.00	47.60 -0.06 0.00	42.63 -0.13 0.00	43.13 0.00 0.00	38.69 -0.03 0.00	33.61 0.00 0.00	25.88 -0.02 -2.45
BROOME___LFGE 323600	33.88 -0.07 -1.40	33.20 0.05 0.00	30.76 0.01 0.00	23.37 -0.01 0.00	21.97 0.03 0.00	17.34 0.00 -2.34	22.65 0.00 -4.21	21.20 0.02 -5.36	32.20 -0.04 0.00	35.68 0.00 0.00	31.29 0.00 0.00	32.92 0.00 0.00	31.38 0.00 0.00	34.07 -0.01 0.00	32.36 -0.07 0.00	33.08 0.02 0.00	37.09 -0.03 0.00	42.33 -0.04 0.00	47.60 -0.06 0.00	42.63 -0.13 0.00	43.13 0.00 0.00	38.69 -0.03 0.00	33.61 0.00 0.00	25.88 -0.02 -2.45
BROWNFLS_115KV_TB 3_5 80003	32.18 -0.40 -0.03	32.63 -0.53 0.00	30.23 -0.53 0.00	22.93 -0.45 0.00	21.50 -0.44 0.00	14.85 -0.35 -0.21	18.37 -0.45 -0.37	15.90 -0.40 -0.48	31.50 -0.73 0.00	34.99 -0.68 0.00	30.46 -0.83 0.00	31.79 -1.13 0.00	30.54 -0.84 0.00	32.87 -1.21 0.00	31.29 -1.15 0.00	32.01 -1.05 0.00	35.76 -1.35 0.00	40.98 -1.39 0.00	46.40 -1.26 0.00	41.81 -0.95 0.00	42.14 -0.99 0.00	37.89 -0.83 0.00	32.85 -0.76 0.00	22.99 -0.68 -0.22
BROWNSV1_27_KV_LOAD 356125	35.93 2.34 -1.03	35.39 2.24 0.00	32.77 2.02 0.00	24.97 1.59 0.00	23.51 1.56 0.00	22.61 1.09 -6.52	31.59 1.43 -11.71	32.48 1.29 -15.38	34.69 2.45 0.00	38.45 2.78 0.00	33.92 2.63 0.00	35.68 2.76 0.00	34.02 2.65 0.00	36.88 2.80 0.00	35.11 2.69 0.00	35.79 2.74 0.00	40.18 3.07 0.00	45.83 3.46 0.00	51.48 3.82 0.00	45.91 3.16 0.00	46.39 3.27 0.00	41.58 2.86 0.00	36.06 2.45 0.00	32.25 1.69 -7.11
BURROWS___LYONSDAL 23803	32.98 0.38 -0.05	33.40 0.24 0.00	30.91 0.16 0.00	23.44 0.06 0.00	21.99 0.05 0.00	15.27 -0.02 -0.30	18.96 -0.02 -0.53	16.49 -0.01 -0.68	32.29 0.05 0.00	35.92 0.25 0.00	31.26 -0.03 0.00	32.60 -0.32 0.00	31.32 -0.06 0.00	33.63 -0.45 0.00	32.04 -0.39 0.00	32.79 -0.26 0.00	36.64 -0.47 0.00	41.93 -0.44 0.00	47.49 -0.17 0.00	42.73 -0.03 0.00	43.01 -0.12 0.00	38.52 -0.20 0.00	33.38 -0.24 0.00	23.45 -0.32 -0.31
CAITHNESS_CC_1 323624	38.59 3.56 -2.48	40.92 3.53 -4.23	38.50 3.24 -4.51	31.69 2.50 -5.81	37.43 2.30 -13.19	22.99 1.47 -6.52	32.18 2.03 -11.71	32.96 1.77 -15.38	39.77 3.43 -4.10	82.15 3.94 -42.54	50.52 3.44 -15.79	44.47 3.49 -8.06	34.58 3.18 -0.02	41.44 3.36 -4.00	35.59 3.16 0.00	36.40 3.35 0.00	41.72 3.78 -0.83	51.13 4.43 -4.33	52.52 4.77 -0.09	48.82 4.15 -1.92	47.14 4.01 0.00	42.28 3.56 0.00	42.73 3.32 -5.79	32.72 2.15 -7.11
CALPINE BETH_PAGE_GT4 24209	38.00 2.96 -2.48	40.30 2.91 -4.23	37.92 2.66 -4.51	31.26 2.06 -5.81	37.08 1.95 -13.19	22.82 1.31 -6.52	31.94 1.78 -11.71	32.76 1.57 -15.38	39.38 3.04 -4.10	81.67 3.46 -42.54	50.26 3.18 -15.79	44.28 3.31 -8.06	34.51 3.12 -0.02	41.40 3.32 -4.00	35.60 3.17 0.00	36.31 3.26 0.00	41.59 3.65 -0.83	50.81 4.12 -4.33	52.26 4.51 -0.09	48.51 3.84 -1.92	46.97 3.85 0.00	42.18 3.46 0.00	42.53 3.12 -5.79	32.64 2.07 -7.11
CALPINE_BETH_PAGE_GT_4 323586	37.99 2.96 -2.48	40.29 2.91 -4.23	37.91 2.65 -4.51	31.25 2.06 -5.81	37.08 1.94 -13.19	22.82 1.30 -6.52	31.94 1.78 -11.71	32.77 1.57 -15.38	39.37 3.03 -4.10	81.66 3.45 -42.54	50.26 3.17 -15.79	44.28 3.30 -8.06	34.51 3.12 -0.02	41.40 3.32 -4.00	35.59 3.16 0.00	36.31 3.26 0.00	41.57 3.63 -0.83	50.80 4.11 -4.33	52.22 4.47 -0.09	48.49 3.81 -1.92	46.96 3.84 0.00	42.17 3.45 0.00	42.52 3.12 -5.79	32.64 2.07 -7.11
CALPINE_BP_GT1 23823	37.99 2.96 -2.48	40.29 2.91 -4.23	37.91 2.65 -4.51	31.25 2.06 -5.81	37.08 1.94 -13.19	22.82 1.30 -6.52	31.94 1.78 -11.71	32.77 1.57 -15.38	39.37 3.03 -4.10	81.66 3.45 -42.54	50.26 3.17 -15.79	44.28 3.30 -8.06	34.51 3.12 -0.02	41.40 3.32 -4.00	35.59 3.16 0.00	36.31 3.26 0.00	41.57 3.63 -0.83	50.80 4.11 -4.33	52.22 4.47 -0.09	48.49 3.81 -1.92	46.96 3.84 0.00	42.17 3.45 0.00	42.52 3.12 -5.79	32.64 2.07 -7.11
CALSPAN___DRP 24200	18.49 -2.86 11.20	18.79 -2.38 11.97	18.27 -2.28 10.21	7.66 -1.77 13.96	6.44 -1.60 13.91	2.16 -1.19 11.65	5.26 -1.48 11.70	3.76 -1.30 10.75	13.40 -2.84 16.00	15.87 -3.09 16.72	15.44 -2.82 13.04	18.84 -3.05 11.03	27.63 -2.98 0.77	28.27 -3.23 2.58	14.69 -3.25 14.49	16.75 -3.09 13.21	15.86 -3.64 17.61	18.41 -4.26 19.69	19.24 -5.06 23.37	17.81 -4.41 20.54	20.42 -3.99 18.71	17.70 -3.27 17.75	14.83 -2.50 16.29	8.38 -1.75 13.32

CALVERTON___SOLAR 323806	38.82 3.78 -2.48	41.14 3.75 -4.23	38.71 3.45 -4.51	31.85 2.65 -5.81	37.56 2.43 -13.19	23.08 1.56 -6.52	32.30 2.14 -11.71	33.06 1.87 -15.38	39.97 3.64 -4.10	82.41 4.19 -42.54	50.70 3.61 -15.79	44.64 3.67 -8.06	34.71 3.31 -0.02	41.59 3.51 -4.00	35.72 3.29 0.00	36.56 3.51 0.00	41.91 3.97 -0.83	51.41 4.72 -4.33	52.85 5.09 -0.09	49.12 4.45 -1.92	47.35 4.23 0.00	42.44 3.72 0.00	42.89 3.48 -5.79	32.82 2.26 -7.11
CANDIGU_WT_PWR 323617	-18.84 -2.10 49.30	-23.40 -1.92 54.64	-17.80 -1.97 46.59	-41.90 -1.58 63.70	-43.00 -1.49 63.45	-43.00 -1.09 56.90	-43.00 -1.31 60.13	-43.00 -1.10 57.71	-43.00 -2.21 73.03	-43.00 -2.34 76.33	-30.35 -2.12 59.53	-19.71 -2.25 50.38	25.72 -2.12 3.54	19.94 -2.34 11.79	-36.04 -2.32 66.15	-29.42 -2.17 60.30	-45.78 -2.51 80.38	-50.32 -2.79 89.90	-62.15 -3.12 106.70	-53.81 -2.79 93.78	-45.00 -2.67 85.45	-44.83 -2.50 81.06	-43.00 -2.24 74.37	-43.00 -1.68 64.77
CARR STREET_E_SYR 24060	32.23 -0.43 -0.10	32.77 -0.38 0.00	30.37 -0.39 0.00	23.08 -0.30 0.00	21.68 -0.26 0.00	15.45 -0.19 -0.65	19.38 -0.23 -1.17	17.13 -0.19 -1.50	31.83 -0.42 0.00	35.27 -0.41 0.00	30.93 -0.37 0.00	32.52 -0.40 0.00	31.01 -0.36 0.00	33.66 -0.42 0.00	32.01 -0.42 0.00	32.63 -0.43 0.00	36.62 -0.49 0.00	41.80 -0.56 0.00	47.00 -0.66 0.00	42.16 -0.60 0.00	42.60 -0.52 0.00	38.24 -0.49 0.00	33.20 -0.41 0.00	23.85 -0.28 -0.69
CARTHAGE___PAPER 23857	32.56 -0.05 -0.06	32.91 -0.24 0.00	30.43 -0.33 0.00	23.06 -0.33 0.00	21.62 -0.32 0.00	15.08 -0.28 -0.36	18.73 -0.35 -0.64	16.33 -0.31 -0.82	31.64 -0.60 0.00	35.29 -0.39 0.00	30.67 -0.63 0.00	31.87 -1.05 0.00	30.77 -0.61 0.00	32.87 -1.21 0.00	31.24 -1.19 0.00	32.02 -1.03 0.00	35.77 -1.35 0.00	40.95 -1.42 0.00	46.60 -1.06 0.00	41.96 -0.80 0.00	42.27 -0.86 0.00	37.89 -0.83 0.00	32.83 -0.78 0.00	23.07 -0.76 -0.38
CASSADAGA_WT_PWR 323784	20.20 -3.50 8.85	21.00 -2.93 9.22	20.14 -2.75 7.87	10.28 -2.35 10.75	9.09 -2.14 10.71	4.71 -1.63 8.66	8.06 -1.93 8.44	6.56 -1.70 7.55	16.34 -3.57 12.32	19.00 -3.80 12.87	17.72 -3.53 10.04	20.64 -3.78 8.50	27.11 -3.67 0.60	27.96 -4.13 1.99	17.17 -4.10 11.16	19.04 -3.84 10.17	19.02 -4.53 13.56	21.82 -5.39 15.16	23.49 -6.18 18.00	21.44 -5.51 15.82	23.58 -5.13 14.41	20.64 -4.41 13.67	17.52 -3.55 12.55	10.97 -2.56 9.93
CE_DUNWOOD___DRP 24194	35.69 2.10 -1.03	35.15 2.00 0.00	32.55 1.80 0.00	24.79 1.41 0.00	23.32 1.38 0.00	22.48 0.97 -6.51	31.42 1.28 -11.71	32.33 1.15 -15.36	34.41 2.17 0.00	38.13 2.46 0.00	33.63 2.34 0.00	35.39 2.47 0.00	33.74 2.36 0.00	36.58 2.50 0.00	34.83 2.40 0.00	35.50 2.44 0.00	39.86 2.75 0.00	45.48 3.11 0.00	51.10 3.44 0.00	45.59 2.83 0.00	46.06 2.94 0.00	41.29 2.57 0.00	35.81 2.20 0.00	32.08 1.52 -7.11
CE_MILLWOOD___DRP 24193	35.63 2.05 -1.03	35.09 1.94 0.00	32.49 1.74 0.00	24.74 1.36 0.00	23.28 1.34 0.00	22.44 0.95 -6.50	31.37 1.24 -11.68	32.27 1.12 -15.34	34.34 2.11 0.00	38.06 2.39 0.00	33.57 2.27 0.00	35.32 2.40 0.00	33.68 2.30 0.00	36.50 2.42 0.00	34.76 2.33 0.00	35.43 2.38 0.00	39.80 2.69 0.00	45.39 3.03 0.00	51.01 3.35 0.00	45.52 2.75 0.00	45.99 2.86 0.00	41.22 2.50 0.00	35.76 2.14 0.00	32.02 1.48 -7.10
CE_NYC2_DRP 24202	35.84 2.26 -1.03	35.31 2.16 0.00	32.68 1.93 0.00	24.91 1.53 0.00	23.46 1.52 0.00	22.58 1.07 -6.52	31.54 1.39 -11.71	32.44 1.24 -15.38	34.60 2.36 0.00	38.36 2.68 0.00	33.85 2.55 0.00	35.59 2.66 0.00	33.94 2.56 0.00	36.78 2.71 0.00	35.01 2.58 0.00	35.67 2.62 0.00	40.04 2.93 0.00	45.66 3.30 0.00	51.28 3.61 0.00	45.73 2.97 0.00	46.22 3.09 0.00	41.44 2.72 0.00	35.91 2.30 0.00	32.15 1.59 -7.11
CE_NYC_DRP 24195	35.77 2.18 -1.03	35.23 2.08 0.00	32.63 1.88 0.00	24.86 1.48 0.00	23.41 1.46 0.00	22.54 1.03 -6.52	31.50 1.35 -11.71	32.41 1.21 -15.38	34.54 2.30 0.00	38.27 2.60 0.00	33.75 2.46 0.00	35.50 2.58 0.00	33.85 2.47 0.00	36.69 2.61 0.00	34.93 2.50 0.00	35.60 2.54 0.00	39.97 2.85 0.00	45.58 3.21 0.00	51.20 3.54 0.00	45.66 2.90 0.00	46.13 3.00 0.00	41.36 2.64 0.00	35.86 2.25 0.00	32.12 1.56 -7.11
CHAFFEE___LFGE 323603	20.12 -2.80 9.63	20.72 -2.29 10.14	19.90 -2.20 8.65	9.85 -1.71 11.83	8.61 -1.54 11.78	4.18 -1.15 9.67	7.46 -1.43 9.54	5.93 -1.25 8.63	16.03 -2.65 13.55	18.66 -2.85 14.16	17.61 -2.64 11.05	20.72 -2.85 9.35	27.88 -2.84 0.66	28.83 -3.06 2.19	17.10 -3.05 12.28	19.00 -2.87 11.19	18.85 -3.35 14.92	21.73 -3.95 16.68	23.15 -4.71 19.80	21.24 -4.11 17.40	23.60 -3.67 15.86	20.70 -2.98 15.04	17.55 -2.26 13.80	10.72 -1.66 11.06
CHATEAUG_35_KV_LOAD 355732	32.43 -0.13 0.00	33.01 -0.14 0.00	30.66 -0.09 0.00	23.30 -0.08 0.00	21.82 -0.12 0.00	14.90 -0.09 0.00	18.27 -0.17 0.00	15.61 -0.20 0.00	31.95 -0.29 0.00	35.33 -0.34 0.00	30.89 -0.40 0.00	32.42 -0.51 0.00	30.93 -0.45 0.00	33.67 -0.40 0.00	32.09 -0.34 0.00	32.75 -0.31 0.00	36.72 -0.40 0.00	42.05 -0.32 0.00	47.39 -0.28 0.00	42.62 -0.14 0.00	43.01 -0.12 0.00	38.71 -0.01 0.00	33.61 0.00 0.00	23.35 -0.10 0.00
CHATEAUG_WT_PWR 323614	32.42 -0.13 0.00	33.01 -0.14 0.00	30.66 -0.10 0.00	23.30 -0.08 0.00	21.82 -0.12 0.00	14.89 -0.10 0.00	18.28 -0.16 0.00	15.64 -0.17 0.00	31.99 -0.25 0.00	35.37 -0.31 0.00	30.93 -0.37 0.00	32.45 -0.47 0.00	30.96 -0.42 0.00	33.71 -0.37 0.00	32.11 -0.32 0.00	32.77 -0.28 0.00	36.74 -0.37 0.00	42.05 -0.32 0.00	47.37 -0.29 0.00	42.58 -0.18 0.00	42.96 -0.17 0.00	38.66 -0.06 0.00	33.56 -0.06 0.00	23.32 -0.13 0.00
CHAT_HIGH_FALL_HYD 323578	32.43 -0.13 0.00	33.01 -0.14 0.00	30.66 -0.09 0.00	23.30 -0.08 0.00	21.82 -0.12 0.00	14.90 -0.09 0.00	18.27 -0.17 0.00	15.61 -0.20 0.00	31.95 -0.29 0.00	35.33 -0.34 0.00	30.89 -0.40 0.00	32.42 -0.51 0.00	30.93 -0.45 0.00	33.67 -0.40 0.00	32.09 -0.34 0.00	32.75 -0.31 0.00	36.72 -0.40 0.00	42.05 -0.32 0.00	47.39 -0.28 0.00	42.62 -0.14 0.00	43.01 -0.12 0.00	38.71 -0.01 0.00	33.61 0.00 0.00	23.35 -0.10 0.00
CHAUTAUQUA___LFGE 323629	19.11 -3.15 10.29	19.72 -2.54 10.89	19.08 -2.39 9.29	8.74 -1.94 12.70	7.55 -1.74 12.65	3.21 -1.32 10.46	6.43 -1.61 10.40	4.94 -1.41 9.47	14.70 -2.99 14.55	17.33 -3.14 15.21	16.50 -2.93 11.86	19.75 -3.14 10.04	27.60 -3.08 0.70	28.28 -3.45 2.35	15.77 -3.48 13.18	17.85 -3.19 12.01	17.26 -3.84 16.02	19.92 -4.54 17.91	21.21 -5.19 21.26	19.38 -4.70 18.68	21.78 -4.32 17.03	18.93 -3.64 16.15	15.96 -2.83 14.82	9.44 -2.04 11.97
CHERRYST_13_KV_LD 356241	35.84 2.25 -1.03	35.30 2.15 0.00	32.69 1.94 0.00	24.91 1.53 0.00	23.45 1.51 0.00	22.57 1.06 -6.52	31.54 1.39 -11.71	32.44 1.25 -15.38	34.62 2.38 0.00	38.36 2.68 0.00	33.83 2.53 0.00	35.59 2.66 0.00	33.93 2.55 0.00	36.77 2.70 0.00	35.01 2.58 0.00	35.68 2.63 0.00	40.06 2.94 0.00	45.69 3.32 0.00	51.32 3.65 0.00	45.75 2.99 0.00	46.23 3.10 0.00	41.44 2.72 0.00	35.93 2.32 0.00	32.17 1.61 -7.11

CHESTROR_138KV_BK263 355645	35.34 1.80 -0.99	34.85 1.70 0.00	32.27 1.51 0.00	24.57 1.19 0.00	23.11 1.17 0.00	22.09 0.83 -6.26	30.78 1.08 -11.26	31.58 0.97 -14.79	34.06 1.82 0.00	37.75 2.08 0.00	33.28 1.99 0.00	35.01 2.09 0.00	33.38 2.00 0.00	36.19 2.11 0.00	34.47 2.04 0.00	35.14 2.08 0.00	39.47 2.36 0.00	45.03 2.66 0.00	50.62 2.96 0.00	45.18 2.42 0.00	45.65 2.52 0.00	40.92 2.20 0.00	35.48 1.87 0.00	31.59 1.29 -6.85
CH_MIDHUDSON___DRP 24192	35.55 1.94 -1.05	35.00 1.84 0.00	32.41 1.66 0.00	24.68 1.30 0.00	23.20 1.25 0.00	22.49 0.89 -6.61	31.49 1.18 -11.87	32.45 1.05 -15.58	34.22 1.99 0.00	37.91 2.24 0.00	33.44 2.15 0.00	35.20 2.28 0.00	33.55 2.17 0.00	36.39 2.31 0.00	34.64 2.21 0.00	35.28 2.23 0.00	39.66 2.54 0.00	45.25 2.88 0.00	50.89 3.23 0.00	45.46 2.70 0.00	45.93 2.80 0.00	41.17 2.45 0.00	35.69 2.08 0.00	32.09 1.43 -7.21
CH_MISC_IPPS 23765	35.71 2.12 -1.04	35.17 2.02 0.00	32.56 1.81 0.00	24.79 1.41 0.00	23.31 1.37 0.00	22.49 0.97 -6.53	31.44 1.27 -11.73	32.36 1.14 -15.41	34.39 2.15 0.00	38.11 2.44 0.00	33.63 2.34 0.00	35.38 2.46 0.00	33.74 2.36 0.00	36.59 2.51 0.00	34.83 2.39 0.00	35.49 2.44 0.00	39.87 2.76 0.00	45.51 3.14 0.00	51.17 3.51 0.00	45.69 2.93 0.00	46.17 3.05 0.00	41.37 2.65 0.00	35.87 2.25 0.00	32.13 1.55 -7.13
CH_RES_BVR_FALLS 23983	32.43 -0.12 0.00	33.02 -0.13 0.00	30.66 -0.10 0.00	23.29 -0.09 0.00	21.85 -0.09 0.00	14.93 -0.06 0.00	18.35 -0.09 0.00	15.74 -0.08 0.00	32.10 -0.13 0.00	35.50 -0.17 0.00	31.11 -0.18 0.00	32.73 -0.19 0.00	31.20 -0.18 0.00	33.88 -0.20 0.00	32.26 -0.17 0.00	32.88 -0.17 0.00	36.87 -0.25 0.00	42.11 -0.25 0.00	47.40 -0.26 0.00	42.56 -0.20 0.00	42.91 -0.22 0.00	38.53 -0.19 0.00	33.46 -0.15 0.00	23.32 -0.13 0.00
CH_RES_NIAGARA 23895	20.31 -3.42 8.82	20.85 -2.94 9.37	20.03 -2.73 7.99	10.40 -2.07 10.92	9.20 -1.86 10.88	4.69 -1.35 8.95	7.90 -1.69 8.86	6.30 -1.49 8.03	16.48 -3.25 12.51	18.96 -3.63 13.08	17.79 -3.31 10.20	20.71 -3.58 8.63	27.20 -3.57 0.61	28.21 -3.84 2.02	17.33 -3.77 11.33	19.07 -3.66 10.33	19.10 -4.25 13.77	21.99 -4.98 15.40	23.44 -5.94 18.28	21.61 -5.08 16.07	23.87 -4.61 14.64	21.02 -3.81 13.89	17.98 -2.89 12.74	11.22 -1.98 10.25
CH_RES_SYRACUSE 23985	32.42 -0.25 -0.11	32.96 -0.19 0.00	30.55 -0.20 0.00	23.22 -0.17 0.00	21.79 -0.15 0.00	15.61 -0.11 -0.72	19.60 -0.14 -1.30	17.38 -0.09 -1.66	32.03 -0.21 0.00	35.48 -0.20 0.00	31.11 -0.19 0.00	32.71 -0.21 0.00	31.19 -0.19 0.00	33.86 -0.22 0.00	32.21 -0.22 0.00	32.81 -0.24 0.00	36.86 -0.25 0.00	42.06 -0.30 0.00	47.31 -0.35 0.00	42.41 -0.35 0.00	42.86 -0.27 0.00	38.47 -0.25 0.00	33.38 -0.23 0.00	24.04 -0.17 -0.76
CLINTON_WT_PWR 323605	32.42 -0.13 0.00	33.01 -0.14 0.00	30.66 -0.10 0.00	23.30 -0.08 0.00	21.82 -0.12 0.00	14.89 -0.10 0.00	18.28 -0.16 0.00	15.64 -0.17 0.00	31.99 -0.25 0.00	35.37 -0.31 0.00	30.93 -0.37 0.00	32.45 -0.47 0.00	30.96 -0.42 0.00	33.71 -0.37 0.00	32.11 -0.32 0.00	32.77 -0.28 0.00	36.74 -0.37 0.00	42.05 -0.32 0.00	47.37 -0.29 0.00	42.58 -0.18 0.00	42.96 -0.17 0.00	38.66 -0.06 0.00	33.56 -0.06 0.00	23.32 -0.13 0.00
CLINTON___LFGE 323618	33.04 0.48 0.00	33.64 0.49 0.00	31.26 0.50 0.00	23.75 0.37 0.00	22.20 0.26 0.00	15.16 0.17 0.00	18.63 0.19 0.00	15.90 0.08 0.00	32.40 0.15 0.00	35.78 0.10 0.00	31.31 0.01 0.00	32.74 -0.18 0.00	31.18 -0.20 0.00	33.97 -0.11 0.00	32.36 -0.08 0.00	33.05 -0.01 0.00	37.10 -0.01 0.00	42.48 0.11 0.00	47.90 0.23 0.00	43.09 0.33 0.00	43.51 0.38 0.00	39.17 0.44 0.00	34.00 0.39 0.00	23.56 0.12 0.00
COBBLENY_34_KV_TB1 80064	20.11 -2.82 9.63	20.68 -2.33 10.14	19.88 -2.22 8.65	9.83 -1.72 11.83	8.60 -1.55 11.78	4.18 -1.15 9.67	7.46 -1.43 9.54	5.93 -1.25 8.63	15.96 -2.73 13.55	18.56 -2.95 14.16	17.56 -2.70 11.05	20.68 -2.89 9.35	27.87 -2.85 0.66	28.80 -3.09 2.19	17.04 -3.11 12.28	18.91 -2.96 11.19	18.71 -3.48 14.92	21.60 -4.08 16.68	23.01 -4.85 19.80	21.11 -4.24 17.40	23.53 -3.74 15.86	20.63 -3.05 15.04	17.51 -2.30 13.80	10.71 -1.67 11.06
COFFEEN___115KV_TB3 355620	32.61 -0.01 -0.06	32.97 -0.18 0.00	30.44 -0.31 0.00	23.09 -0.30 0.00	21.67 -0.27 0.00	15.16 -0.23 -0.40	18.86 -0.31 -0.72	16.45 -0.29 -0.92	31.65 -0.59 0.00	35.35 -0.32 0.00	30.77 -0.52 0.00	31.99 -0.93 0.00	30.88 -0.50 0.00	33.02 -1.06 0.00	31.31 -1.12 0.00	32.11 -0.94 0.00	35.96 -1.15 0.00	41.17 -1.20 0.00	46.85 -0.81 0.00	42.12 -0.64 0.00	42.46 -0.67 0.00	38.04 -0.68 0.00	32.93 -0.69 0.00	23.18 -0.70 -0.42
COLDSPRG_115KV_BK1 355956	23.34 -2.64 6.58	24.50 -2.07 6.59	23.11 -2.02 5.62	14.05 -1.65 7.68	12.80 -1.49 7.65	8.06 -1.12 5.81	11.74 -1.34 5.36	10.11 -1.17 4.53	20.94 -2.51 8.79	23.88 -2.60 9.19	21.66 -2.47 7.17	24.20 -2.65 6.07	28.28 -2.67 0.43	29.70 -2.96 1.42	21.43 -3.03 7.97	23.00 -2.79 7.26	24.09 -3.34 9.68	27.62 -3.92 10.82	30.22 -4.59 12.85	27.32 -4.15 11.29	29.14 -3.70 10.29	25.84 -3.12 9.76	22.19 -2.47 8.95	14.99 -1.77 6.69
COLONIE_LFGE___ 323577	35.19 1.44 -1.20	34.50 1.35 0.00	32.02 1.27 0.00	24.37 0.99 0.00	22.83 0.89 0.00	23.18 0.63 -7.55	32.82 0.77 -13.61	34.26 0.64 -17.81	33.40 1.17 0.00	36.90 1.22 0.00	32.39 1.09 0.00	34.12 1.20 0.00	32.45 1.07 0.00	35.28 1.20 0.00	33.56 1.13 0.00	34.19 1.14 0.00	38.56 1.45 0.00	44.02 1.65 0.00	49.57 1.91 0.00	44.47 1.71 0.00	44.91 1.79 0.00	40.28 1.56 0.00	34.95 1.34 0.00	32.64 0.96 -8.23
COOPERNY_115KV_TB1 80082	35.01 1.59 -0.86	34.67 1.51 0.00	32.10 1.34 0.00	24.44 1.06 0.00	22.99 1.05 0.00	21.18 0.75 -5.44	29.17 0.96 -9.77	29.81 0.81 -13.18	33.73 1.49 0.00	37.39 1.72 0.00	32.93 1.63 0.00	34.64 1.72 0.00	33.02 1.64 0.00	35.82 1.74 0.00	34.10 1.67 0.00	34.78 1.73 0.00	39.06 1.95 0.00	44.56 2.19 0.00	50.09 2.43 0.00	44.73 1.97 0.00	45.21 2.09 0.00	40.53 1.81 0.00	35.17 1.56 0.00	30.68 1.07 -6.16
COPENHAGEN_WT_PWR 323753	32.40 -0.22 -0.07	32.73 -0.42 0.00	30.20 -0.55 0.00	22.89 -0.49 0.00	21.49 -0.45 0.00	15.04 -0.37 -0.41	18.72 -0.46 -0.74	16.36 -0.40 -0.95	31.44 -0.80 0.00	35.11 -0.56 0.00	30.54 -0.76 0.00	31.64 -1.28 0.00	30.65 -0.73 0.00	32.73 -1.35 0.00	31.00 -1.43 0.00	31.78 -1.27 0.00	35.49 -1.62 0.00	40.48 -1.88 0.00	46.12 -1.54 0.00	41.50 -1.26 0.00	41.78 -1.35 0.00	37.43 -1.29 0.00	32.42 -1.19 0.00	22.85 -1.04 -0.43
CORNELL_____ 23752	35.47 0.21 -2.70	36.93 0.30 -3.47	33.94 0.22 -2.96	27.58 0.15 -4.05	26.13 0.15 -4.04	20.39 0.08 -5.32	25.43 0.11 -6.89	23.48 0.12 -7.55	37.13 0.21 -4.68	40.83 0.27 -4.89	35.29 0.18 -3.82	36.28 0.13 -3.23	31.74 0.13 -0.22	34.99 0.15 -0.75	36.82 0.15 -4.24	37.13 0.21 -3.87	42.50 0.23 -5.15	48.43 0.30 -5.76	54.92 0.42 -6.84	49.11 0.34 -6.01	49.02 0.42 -5.48	44.24 0.33 -5.19	38.62 0.24 -4.77	29.48 0.13 -5.91

CORONA__69_KV_TB1 355595	37.74 2.71 -2.48	40.02 2.64 -4.23	37.65 2.39 -4.51	31.05 1.86 -5.81	36.91 1.78 -13.19	22.72 1.20 -6.52	31.79 1.63 -11.71	32.64 1.45 -15.38	39.12 2.78 -4.10	81.36 3.14 -42.54	50.02 2.93 -15.79	44.05 3.07 -8.06	34.30 2.91 -0.02	41.20 3.12 -4.00	35.40 2.97 0.00	36.08 3.03 0.00	41.35 3.41 -0.83	50.54 3.85 -4.33	51.99 4.24 -0.09	48.23 3.56 -1.92	46.71 3.59 0.00	41.92 3.20 0.00	42.25 2.85 -5.79	32.48 1.92 -7.11
CORTLAND_115KV_TB3 80093	32.88 0.12 -0.21	33.36 0.20 0.00	30.89 0.14 0.00	23.48 0.10 0.00	22.05 0.11 0.00	16.35 0.06 -1.30	20.85 0.08 -2.33	18.86 0.08 -2.96	32.35 0.11 0.00	35.85 0.18 0.00	31.42 0.13 0.00	33.03 0.11 0.00	31.48 0.10 0.00	34.17 0.09 0.00	32.51 0.08 0.00	33.18 0.13 0.00	37.23 0.11 0.00	42.54 0.17 0.00	47.90 0.23 0.00	42.93 0.17 0.00	43.39 0.26 0.00	38.91 0.19 0.00	33.77 0.16 0.00	24.88 0.08 -1.36
COXSACKIE___GT 23611	35.81 2.12 -1.14	35.20 2.05 0.00	32.66 1.91 0.00	24.85 1.47 0.00	23.32 1.37 0.00	23.14 0.94 -7.21	32.53 1.13 -12.96	33.77 0.97 -16.98	34.20 1.96 0.00	37.78 2.11 0.00	33.15 1.85 0.00	34.96 2.04 0.00	33.22 1.85 0.00	36.24 2.16 0.00	34.46 2.03 0.00	35.20 2.15 0.00	39.66 2.55 0.00	45.32 2.95 0.00	51.03 3.37 0.00	45.73 2.97 0.00	46.23 3.11 0.00	41.46 2.74 0.00	35.88 2.26 0.00	32.84 1.54 -7.85
CPV_VALLEY___CC1 323721	35.08 1.57 -0.96	34.63 1.48 0.00	32.06 1.31 0.00	24.42 1.04 0.00	22.98 1.03 0.00	21.77 0.75 -6.03	30.23 0.95 -10.84	30.93 0.85 -14.26	33.82 1.58 0.00	37.49 1.81 0.00	33.03 1.74 0.00	34.77 1.84 0.00	33.14 1.76 0.00	35.94 1.86 0.00	34.22 1.79 0.00	34.88 1.83 0.00	39.16 2.05 0.00	44.68 2.31 0.00	50.21 2.55 0.00	44.83 2.07 0.00	45.30 2.17 0.00	40.61 1.89 0.00	35.24 1.63 0.00	31.17 -1.12 -6.60
CPV_VALLEY___CC2 323722	35.08 1.57 -0.96	34.63 1.48 0.00	32.06 1.31 0.00	24.42 1.04 0.00	22.98 1.03 0.00	21.77 0.75 -6.03	30.23 0.95 -10.84	30.93 0.85 -14.26	33.82 1.58 0.00	37.49 1.81 0.00	33.03 1.74 0.00	34.77 1.84 0.00	33.14 1.76 0.00	35.94 1.86 0.00	34.22 1.79 0.00	34.88 1.83 0.00	39.16 2.05 0.00	44.68 2.31 0.00	50.21 2.55 0.00	44.83 2.07 0.00	45.30 2.17 0.00	40.61 1.89 0.00	35.24 1.63 0.00	31.17 -1.12 -6.60
CRESCENT___HYD 24018	35.19 1.44 -1.20	34.50 1.35 0.00	32.02 1.27 0.00	24.37 0.99 0.00	22.83 0.89 0.00	23.18 0.63 -7.55	32.82 0.77 -13.61	34.26 0.64 -17.81	33.40 1.17 0.00	36.90 1.22 0.00	32.39 1.09 0.00	34.12 1.20 0.00	32.45 1.07 0.00	35.28 1.20 0.00	33.56 1.13 0.00	34.19 1.14 0.00	38.56 1.45 0.00	44.02 1.65 0.00	49.57 1.91 0.00	44.47 1.71 0.00	44.91 1.79 0.00	40.28 1.56 0.00	34.95 1.34 0.00	32.64 0.96 -8.23
CRICKET___VALLEY_CC1 323756	35.30 1.68 -1.06	34.69 1.54 0.00	32.14 1.38 0.00	24.48 1.09 0.00	22.98 1.04 0.00	22.45 0.75 -6.70	31.54 1.05 -12.05	32.56 0.95 -15.79	33.98 1.74 0.00	37.60 1.93 0.00	33.23 1.93 0.00	34.99 2.07 0.00	33.36 1.98 0.00	36.15 2.08 0.00	34.41 1.98 0.00	35.02 1.97 0.00	39.38 2.27 0.00	44.94 2.57 0.00	50.57 2.91 0.00	45.17 2.41 0.00	45.65 2.52 0.00	40.92 2.20 0.00	35.49 1.87 0.00	32.04 1.29 -7.31
CRICKET___VALLEY_CC2 323757	35.30 1.68 -1.06	34.69 1.54 0.00	32.14 1.38 0.00	24.48 1.09 0.00	22.98 1.04 0.00	22.45 0.75 -6.70	31.54 1.05 -12.05	32.56 0.95 -15.79	33.98 1.74 0.00	37.60 1.93 0.00	33.23 1.93 0.00	34.99 2.07 0.00	33.36 1.98 0.00	36.15 2.08 0.00	34.41 1.98 0.00	35.02 1.97 0.00	39.38 2.27 0.00	44.94 2.57 0.00	50.57 2.91 0.00	45.17 2.41 0.00	45.65 2.52 0.00	40.92 2.20 0.00	35.49 1.87 0.00	32.04 1.29 -7.31
CRICKET___VALLEY_CC3 323758	35.30 1.68 -1.06	34.69 1.54 0.00	32.14 1.38 0.00	24.48 1.09 0.00	22.98 1.04 0.00	22.45 0.75 -6.70	31.54 1.05 -12.05	32.56 0.95 -15.79	33.98 1.74 0.00	37.60 1.93 0.00	33.23 1.93 0.00	34.99 2.07 0.00	33.36 1.98 0.00	36.15 2.08 0.00	34.41 1.98 0.00	35.02 1.97 0.00	39.38 2.27 0.00	44.94 2.57 0.00	50.57 2.91 0.00	45.17 2.41 0.00	45.65 2.52 0.00	40.92 2.20 0.00	35.49 1.87 0.00	32.04 1.29 -7.31
CRUCIBLE_METL_DRP 24180	32.42 -0.25 -0.11	32.96 -0.19 0.00	30.55 -0.20 0.00	23.21 -0.17 0.00	21.79 -0.15 0.00	15.61 -0.11 -0.72	19.60 -0.14 -1.30	17.38 -0.09 -1.66	32.02 -0.22 0.00	35.47 -0.20 0.00	31.10 -0.19 0.00	32.71 -0.21 0.00	31.19 -0.19 0.00	33.86 -0.22 0.00	32.21 -0.22 0.00	32.81 -0.24 0.00	36.85 -0.26 0.00	42.06 -0.30 0.00	47.31 -0.35 0.00	42.41 -0.35 0.00	42.85 -0.27 0.00	38.47 -0.25 0.00	33.38 -0.23 0.00	24.04 -0.17 -0.76
DAHOWA___HYDRO 323763	35.82 2.06 -1.21	35.14 1.99 0.00	32.61 1.86 0.00	24.83 1.45 0.00	23.26 1.32 0.00	23.57 0.94 -7.64	33.37 1.17 -13.76	34.77 0.96 -18.00	34.02 1.78 0.00	37.46 1.79 0.00	32.79 1.49 0.00	34.59 1.67 0.00	32.83 1.45 0.00	35.64 1.56 0.00	33.87 1.44 0.00	34.58 1.53 0.00	39.17 2.06 0.00	44.77 2.40 0.00	50.60 2.94 0.00	45.46 2.69 0.00	45.94 2.81 0.00	41.18 2.46 0.00	35.69 2.08 0.00	33.18 1.41 -8.32
DANC___LFGE 323619	32.22 -0.41 -0.07	32.63 -0.52 0.00	30.16 -0.59 0.00	22.89 -0.49 0.00	21.49 -0.45 0.00	15.12 -0.35 -0.48	18.86 -0.43 -0.85	16.54 -0.37 -1.09	31.49 -0.75 0.00	35.05 -0.63 0.00	30.58 -0.72 0.00	31.91 -1.02 0.00	30.70 -0.68 0.00	32.98 -1.10 0.00	31.31 -1.12 0.00	32.01 -1.05 0.00	35.82 -1.29 0.00	40.85 -1.52 0.00	46.29 -1.37 0.00	41.60 -1.16 0.00	41.98 -1.14 0.00	37.65 -1.07 0.00	32.64 -0.98 0.00	23.16 -0.79 -0.50
DANSKAMMER___1 23586	35.71 2.12 -1.04	35.17 2.02 0.00	32.56 1.81 0.00	24.79 1.41 0.00	23.31 1.37 0.00	22.49 0.97 -6.53	31.44 1.27 -11.73	32.36 1.14 -15.41	34.39 2.15 0.00	38.11 2.44 0.00	33.63 2.34 0.00	35.38 2.46 0.00	33.74 2.36 0.00	36.59 2.51 0.00	34.83 2.39 0.00	35.49 2.44 0.00	39.87 2.76 0.00	45.51 3.14 0.00	51.17 3.51 0.00	45.69 2.93 0.00	46.17 3.05 0.00	41.37 2.65 0.00	35.87 2.25 0.00	32.13 1.55 -7.13
DANSKAMMER___2 23589	35.71 2.12 -1.04	35.17 2.02 0.00	32.56 1.81 0.00	24.79 1.41 0.00	23.31 1.37 0.00	22.49 0.97 -6.53	31.44 1.27 -11.73	32.36 1.14 -15.41	34.39 2.15 0.00	38.11 2.44 0.00	33.63 2.34 0.00	35.38 2.46 0.00	33.74 2.36 0.00	36.59 2.51 0.00	34.83 2.39 0.00	35.49 2.44 0.00	39.87 2.76 0.00	45.51 3.14 0.00	51.17 3.51 0.00	45.69 2.93 0.00	46.17 3.05 0.00	41.37 2.65 0.00	35.87 2.25 0.00	32.13 1.55 -7.13
DANSKAMMER___3 23590	35.71 2.12 -1.04	35.17 2.02 0.00	32.56 1.81 0.00	24.79 1.41 0.00	23.31 1.37 0.00	22.49 0.97 -6.53	31.44 1.27 -11.73	32.36 1.14 -15.41	34.39 2.15 0.00	38.11 2.44 0.00	33.63 2.34 0.00	35.38 2.46 0.00	33.74 2.36 0.00	36.59 2.51 0.00	34.83 2.39 0.00	35.49 2.44 0.00	39.87 2.76 0.00	45.51 3.14 0.00	51.17 3.51 0.00	45.69 2.93 0.00	46.17 3.05 0.00	41.37 2.65 0.00	35.87 2.25 0.00	32.13 1.55 -7.13

DANSKAMMER___4 23591	35.71 2.12 -1.04	35.17 2.02 0.00	32.56 1.81 0.00	24.79 1.41 0.00	23.31 1.37 0.00	22.49 0.97 -6.53	31.44 1.27 -11.73	32.36 1.14 -15.41	34.39 2.15 0.00	38.11 2.44 0.00	33.63 2.34 0.00	35.38 2.46 0.00	33.74 2.36 0.00	36.59 2.51 0.00	34.83 2.39 0.00	35.49 2.44 0.00	39.87 2.76 0.00	45.51 3.14 0.00	51.17 3.51 0.00	45.69 2.93 0.00	46.17 3.05 0.00	41.37 2.65 0.00	35.87 2.25 0.00	32.13 1.55 -7.13
DANSKAMMER___DIESEL 23592	35.71 2.12 -1.04	35.17 2.02 0.00	32.57 1.82 0.00	24.79 1.41 0.00	23.31 1.37 0.00	22.49 0.97 -6.53	31.44 1.27 -11.73	32.36 1.14 -15.41	34.40 2.17 0.00	38.13 2.46 0.00	33.64 2.34 0.00	35.39 2.47 0.00	33.74 2.36 0.00	36.60 2.52 0.00	34.84 2.40 0.00	35.50 2.45 0.00	39.89 2.78 0.00	45.51 3.15 0.00	51.18 3.52 0.00	45.70 2.94 0.00	46.18 3.05 0.00	41.39 2.67 0.00	35.87 2.26 0.00	32.13 1.55 -7.13
DARBY___SOLAR 323810	35.68 1.91 -1.21	35.00 1.85 0.00	32.48 1.73 0.00	24.73 1.35 0.00	23.16 1.22 0.00	23.49 0.87 -7.62	33.25 1.07 -13.74	34.67 0.88 -17.97	33.87 1.63 0.00	37.31 1.64 0.00	32.68 1.38 0.00	34.46 1.54 0.00	32.73 1.35 0.00	35.54 1.46 0.00	33.79 1.36 0.00	34.49 1.43 0.00	39.02 1.91 0.00	44.58 2.22 0.00	50.35 2.69 0.00	45.22 2.46 0.00	45.69 2.56 0.00	40.96 2.24 0.00	35.52 1.90 0.00	33.06 1.31 -8.30
DASHVILLE___HYD 23610	35.36 1.75 -1.05	34.81 1.65 0.00	32.24 1.48 0.00	24.54 1.16 0.00	23.07 1.13 0.00	22.41 0.79 -6.62	31.39 1.05 -11.90	32.40 0.93 -15.66	34.06 1.82 0.00	37.73 2.06 0.00	33.28 1.99 0.00	35.03 2.12 0.00	33.39 2.01 0.00	36.23 2.15 0.00	34.48 2.05 0.00	35.12 2.06 0.00	39.46 2.35 0.00	45.02 2.65 0.00	50.65 2.99 0.00	45.25 2.49 0.00	45.70 2.58 0.00	40.97 2.25 0.00	35.50 1.88 0.00	31.99 1.29 -7.25
DELAWARE___LFGE 323621	34.27 0.87 -0.84	34.06 0.90 0.00	31.57 0.81 0.00	24.00 0.62 0.00	22.56 0.62 0.00	18.57 0.43 -3.14	24.62 0.53 -5.65	23.45 0.48 -7.16	33.15 0.91 0.00	36.73 1.06 0.00	32.27 0.97 0.00	33.93 1.01 0.00	32.34 0.96 0.00	35.12 1.04 0.00	33.42 0.99 0.00	34.08 1.02 0.00	38.29 1.18 0.00	43.73 1.36 0.00	49.19 1.53 0.00	44.03 1.28 0.00	44.47 1.34 0.00	39.88 1.16 0.00	34.58 0.97 0.00	27.37 0.65 -3.27
DERFIELD_115KV_TB7 355931	32.75 0.20 0.00	33.35 0.20 0.00	30.94 0.18 0.00	23.52 0.14 0.00	22.08 0.13 0.00	15.08 0.09 0.00	18.55 0.11 0.00	15.91 0.10 0.00	32.40 0.16 0.00	35.85 0.18 0.00	31.47 0.17 0.00	33.11 0.18 0.00	31.54 0.16 0.00	34.25 0.17 0.00	32.59 0.16 0.00	33.22 0.17 0.00	37.30 0.18 0.00	42.58 0.21 0.00	47.90 0.24 0.00	42.96 0.20 0.00	43.34 0.22 0.00	38.91 0.19 0.00	33.78 0.17 0.00	23.57 0.12 0.00
DOGLEVILLE___HYD 23807	34.75 2.19 0.00	35.25 2.10 0.00	32.64 1.89 0.00	24.83 1.45 0.00	23.21 1.26 0.00	15.86 0.86 0.00	19.48 1.04 0.00	16.50 0.68 0.00	33.35 1.11 0.00	36.82 1.15 0.00	32.31 1.01 0.00	33.95 1.03 0.00	32.17 0.79 0.00	34.98 0.90 0.00	33.50 1.07 0.00	34.11 1.06 0.00	38.72 1.61 0.00	44.11 1.75 0.00	49.96 2.30 0.00	44.83 2.07 0.00	45.42 2.29 0.00	40.54 1.82 0.00	35.35 1.74 0.00	24.55 1.11 0.00
DUNKIRK___115KV_TB_200 55889	19.03 -3.10 10.43	19.59 -2.51 11.05	18.97 -2.35 9.43	8.60 -1.89 12.89	7.40 -1.71 12.84	3.07 -1.29 10.64	6.28 -1.57 10.59	4.79 -1.38 9.65	14.51 -2.96 14.77	17.12 -3.12 15.43	16.36 -2.90 12.04	19.63 -3.10 10.19	27.63 -3.04 0.71	28.31 -3.38 2.38	15.61 -3.44 13.38	17.70 -3.16 12.19	17.05 -3.80 16.25	19.72 -4.46 18.18	20.95 -5.14 21.58	19.16 -4.64 18.96	21.63 -4.22 17.28	18.78 -3.56 16.39	15.81 -2.76 15.04	9.29 -1.98 12.17
DUNKIRK___1 23563	19.03 -3.10 10.43	19.59 -2.51 11.05	18.97 -2.35 9.43	8.60 -1.89 12.89	7.40 -1.71 12.84	3.07 -1.29 10.64	6.28 -1.57 10.59	4.79 -1.38 9.65	14.51 -2.96 14.77	17.12 -3.12 15.43	16.36 -2.90 12.04	19.63 -3.10 10.19	27.63 -3.04 0.71	28.31 -3.38 2.38	15.61 -3.44 13.38	17.70 -3.16 12.19	17.05 -3.80 16.25	19.72 -4.46 18.18	20.95 -5.14 21.58	19.16 -4.64 18.96	21.63 -4.22 17.28	18.78 -3.56 16.39	15.81 -2.76 15.04	9.29 -1.98 12.17
DUNKIRK___2 23564	19.03 -3.10 10.43	19.59 -2.51 11.05	18.97 -2.35 9.43	8.60 -1.89 12.89	7.40 -1.71 12.84	3.07 -1.29 10.64	6.28 -1.57 10.59	4.79 -1.38 9.65	14.51 -2.96 14.77	17.12 -3.12 15.43	16.36 -2.90 12.04	19.63 -3.10 10.19	27.63 -3.04 0.71	28.31 -3.38 2.38	15.61 -3.44 13.38	17.70 -3.16 12.19	17.05 -3.80 16.25	19.72 -4.46 18.18	20.95 -5.14 21.58	19.16 -4.64 18.96	21.63 -4.22 17.28	18.78 -3.56 16.39	15.81 -2.76 15.04	9.29 -1.98 12.17
DUNKIRK___3 23565	18.48 -3.01 11.07	18.92 -2.44 11.79	18.38 -2.32 10.06	7.79 -1.84 13.75	6.58 -1.66 13.70	2.32 -1.24 11.43	5.47 -1.53 11.45	3.99 -1.34 10.49	13.59 -2.90 15.76	16.14 -3.07 16.47	15.60 -2.85 12.84	19.01 -3.05 10.87	27.61 -3.00 0.76	28.23 -3.31 2.54	14.81 -3.36 14.27	16.94 -3.11 13.01	16.05 -3.72 17.34	18.61 -4.36 19.39	19.58 -5.06 23.02	17.98 -4.54 20.23	20.55 -4.14 18.43	17.78 -3.45 17.49	14.89 -2.67 16.04	8.47 -1.91 13.07
DUNKIRK___4 23566	18.48 -3.01 11.07	18.92 -2.44 11.79	18.38 -2.32 10.06	7.79 -1.84 13.75	6.58 -1.66 13.70	2.32 -1.24 11.43	5.47 -1.53 11.45	3.99 -1.34 10.49	13.59 -2.90 15.76	16.14 -3.07 16.47	15.60 -2.85 12.84	19.01 -3.05 10.87	27.61 -3.00 0.76	28.23 -3.31 2.54	14.81 -3.36 14.27	16.94 -3.11 13.01	16.05 -3.72 17.34	18.61 -4.36 19.39	19.58 -5.06 23.02	17.98 -4.54 20.23	20.55 -4.14 18.43	17.78 -3.45 17.49	14.89 -2.67 16.04	8.47 -1.91 13.07
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	35.78 2.18 -1.03	35.24 2.09 0.00	32.63 1.88 0.00	24.85 1.47 0.00	23.38 1.44 0.00	22.52 1.01 -6.52	31.49 1.33 -11.71	32.38 1.19 -15.38	34.48 2.24 0.00	38.21 2.53 0.00	33.71 2.41 0.00	35.46 2.54 0.00	33.80 2.42 0.00	36.65 2.57 0.00	34.90 2.47 0.00	35.57 2.51 0.00	39.94 2.83 0.00	45.56 3.19 0.00	51.21 3.55 0.00	45.69 2.93 0.00	46.16 3.03 0.00	41.39 2.67 0.00	35.89 2.28 0.00	32.15 1.58 -7.11
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.53 1.96 -1.02	35.02 1.86 0.00	32.41 1.66 0.00	24.68 1.30 0.00	23.21 1.27 0.00	22.30 0.90 -6.41	31.13 1.17 -11.51	32.01 1.05 -15.14	34.23 1.99 0.00	37.93 2.26 0.00	33.46 2.16 0.00	35.20 2.28 0.00	33.55 2.18 0.00	36.40 2.31 0.00	34.65 2.22 0.00	35.32 2.27 0.00	39.68 2.56 0.00	45.27 2.90 0.00	50.90 3.24 0.00	45.43 2.67 0.00	45.90 2.78 0.00	41.15 2.43 0.00	35.68 2.07 0.00	31.88 1.42 -7.01
E179THST_138_KV_TB4_REV_LBMP_J 345001	35.73 2.13 -1.03	35.22 2.07 0.00	32.59 1.83 0.00	24.82 1.44 0.00	23.36 1.42 0.00	22.52 1.00 -6.52	31.47 1.32 -11.71	32.38 1.19 -15.38	34.46 2.22 0.00	38.23 2.55 0.00	33.76 2.47 0.00	35.46 2.54 0.00	33.80 2.42 0.00	36.65 2.57 0.00	34.86 2.43 0.00	35.51 2.46 0.00	39.86 2.75 0.00	45.51 3.15 0.00	51.12 3.46 0.00	45.61 2.86 0.00	46.12 3.00 0.00	41.39 2.67 0.00	35.89 2.27 0.00	32.16 1.59 -7.11

E179THST_13_KV_LOAD 356214	35.83 2.24 -1.03	35.32 2.17 0.00	32.67 1.91 0.00	24.88 1.50 0.00	23.42 1.48 0.00	22.56 1.05 -6.52	31.52 1.37 -11.71	32.43 1.24 -15.38	34.56 2.32 0.00	38.37 2.69 0.00	33.89 2.59 0.00	35.60 2.68 0.00	33.93 2.55 0.00	36.80 2.72 0.00	35.00 2.57 0.00	35.66 2.60 0.00	40.02 2.91 0.00	45.70 3.34 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.28 3.16 0.00	41.53 2.81 0.00	35.99 2.38 0.00	32.23 1.67 -7.11
EAST HAMPTON___GT 23717	39.70 4.67 -2.48	42.00 4.62 -4.23	39.49 4.23 -4.51	32.43 3.24 -5.81	38.11 2.97 -13.19	23.43 1.92 -6.52	32.69 2.53 -11.71	33.37 2.17 -15.38	40.68 4.34 -4.10	83.42 5.20 -42.54	51.47 4.39 -15.79	45.38 4.41 -8.06	35.33 3.94 -0.02	42.47 4.39 -4.00	36.57 4.13 0.00	37.54 4.49 0.00	43.05 5.10 -0.83	52.78 6.08 -4.33	54.33 6.58 -0.09	50.44 5.77 -1.92	48.35 5.22 0.00	43.04 4.32 0.00	43.27 3.86 -5.79	33.04 2.47 -7.11
EAST RIVER___6 23660	35.76 2.17 -1.03	35.22 2.06 0.00	32.62 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.48 1.32 -11.71	32.40 1.20 -15.38	34.51 2.27 0.00	38.24 2.57 0.00	33.71 2.42 0.00	35.46 2.54 0.00	33.82 2.44 0.00	36.66 2.58 0.00	34.89 2.46 0.00	35.54 2.48 0.00	39.89 2.78 0.00	45.52 3.15 0.00	51.12 3.46 0.00	45.58 2.82 0.00	46.04 2.91 0.00	41.26 2.54 0.00	35.78 2.17 0.00	32.08 1.52 -7.11
EAST RIVER___7 23524	35.76 2.17 -1.03	35.22 2.06 0.00	32.62 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.48 1.32 -11.71	32.40 1.20 -15.38	34.51 2.27 0.00	38.24 2.57 0.00	33.71 2.42 0.00	35.46 2.54 0.00	33.82 2.44 0.00	36.66 2.58 0.00	34.89 2.46 0.00	35.54 2.48 0.00	39.89 2.78 0.00	45.52 3.15 0.00	51.12 3.46 0.00	45.58 2.82 0.00	46.04 2.91 0.00	41.26 2.54 0.00	35.78 2.17 0.00	32.08 1.52 -7.11
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.69 2.10 -1.03	35.15 2.00 0.00	32.55 1.80 0.00	24.79 1.41 0.00	23.32 1.38 0.00	22.48 0.97 -6.51	31.42 1.28 -11.71	32.33 1.15 -15.36	34.41 2.17 0.00	38.13 2.46 0.00	33.63 2.34 0.00	35.39 2.47 0.00	33.74 2.36 0.00	36.58 2.50 0.00	34.83 2.40 0.00	35.50 2.44 0.00	39.86 2.75 0.00	45.48 3.11 0.00	51.10 3.44 0.00	45.59 2.83 0.00	46.06 2.94 0.00	41.29 2.57 0.00	35.81 2.20 0.00	32.08 1.52 -7.11
EAST_HAMPTON___DIESEL 23722	39.70 4.67 -2.48	42.00 4.62 -4.23	39.49 4.23 -4.51	32.44 3.25 -5.81	38.11 2.98 -13.19	23.43 1.92 -6.52	32.69 2.53 -11.71	33.37 2.17 -15.38	40.67 4.33 -4.10	83.41 5.20 -42.54	51.47 4.38 -15.79	45.38 4.40 -8.06	35.33 3.93 -0.02	42.47 4.39 -4.00	36.57 4.13 0.00	37.54 4.49 0.00	43.04 5.10 -0.83	52.78 6.08 -4.33	54.33 6.58 -0.09	50.43 5.76 -1.92	48.33 5.20 0.00	43.02 4.30 0.00	43.24 3.83 -5.79	33.01 2.45 -7.11
EAST_POINT___SOLAR 323840	35.19 1.32 -1.31	34.49 1.33 0.00	31.94 1.19 0.00	24.28 0.90 0.00	22.79 0.85 0.00	23.87 0.59 -8.28	34.08 0.73 -14.91	35.79 0.50 -19.47	33.14 0.90 0.00	36.46 0.78 0.00	31.95 0.66 0.00	33.49 0.57 0.00	31.86 0.48 0.00	34.74 0.66 0.00	33.15 0.72 0.00	33.94 0.88 0.00	38.31 1.20 0.00	43.90 1.53 0.00	49.60 1.93 0.00	44.70 1.94 0.00	45.14 2.01 0.00	40.53 1.80 0.00	35.18 1.57 0.00	33.43 0.99 -8.99
EAST_PULASKI___ESR 323781	32.10 -0.54 -0.08	32.60 -0.56 0.00	30.18 -0.58 0.00	22.92 -0.46 0.00	21.52 -0.42 0.00	15.23 -0.30 -0.53	19.02 -0.37 -0.96	16.73 -0.31 -1.23	31.59 -0.65 0.00	35.05 -0.62 0.00	30.68 -0.62 0.00	32.20 -0.72 0.00	30.81 -0.57 0.00	33.28 -0.80 0.00	31.69 -0.74 0.00	32.29 -0.77 0.00	36.21 -0.90 0.00	41.29 -1.08 0.00	46.58 -1.08 0.00	41.80 -0.96 0.00	42.25 -0.88 0.00	37.91 -0.81 0.00	32.90 -0.71 0.00	23.50 -0.52 -0.56
EAST_RIVER___1 323558	35.77 2.17 -1.03	35.23 2.08 0.00	32.62 1.87 0.00	24.86 1.48 0.00	23.40 1.46 0.00	22.54 1.03 -6.52	31.50 1.35 -11.71	32.41 1.21 -15.38	34.52 2.28 0.00	38.25 2.57 0.00	33.75 2.45 0.00	35.49 2.57 0.00	33.85 2.47 0.00	36.69 2.61 0.00	34.92 2.49 0.00	35.59 2.54 0.00	39.95 2.83 0.00	45.57 3.20 0.00	51.18 3.52 0.00	45.65 2.89 0.00	46.12 3.00 0.00	41.34 2.62 0.00	35.85 2.24 0.00	32.12 1.56 -7.11
EAST_RIVER___2 323559	35.76 2.17 -1.03	35.22 2.06 0.00	32.62 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.48 1.32 -11.71	32.40 1.20 -15.38	34.51 2.27 0.00	38.24 2.57 0.00	33.71 2.42 0.00	35.46 2.54 0.00	33.82 2.44 0.00	36.66 2.58 0.00	34.89 2.46 0.00	35.54 2.48 0.00	39.89 2.78 0.00	45.52 3.15 0.00	51.12 3.46 0.00	45.58 2.82 0.00	46.04 2.91 0.00	41.26 2.54 0.00	35.78 2.17 0.00	32.08 1.52 -7.11
EAST___DELAWARE_HYD 23607	35.48 1.96 -0.96	35.00 1.85 0.00	32.39 1.64 0.00	24.67 1.29 0.00	23.20 1.26 0.00	21.96 0.90 -6.06	30.50 1.16 -10.89	31.41 1.03 -14.56	34.23 1.99 0.00	37.96 2.29 0.00	33.47 2.17 0.00	35.22 2.30 0.00	33.60 2.21 0.00	36.44 2.36 0.00	34.69 2.26 0.00	35.37 2.32 0.00	39.72 2.61 0.00	45.37 3.00 0.00	51.03 3.36 0.00	45.56 2.80 0.00	46.06 2.93 0.00	41.25 2.53 0.00	35.74 2.13 0.00	31.69 1.45 -6.79
EIGHT_POINT___WT_PWR 323820	55.60 -2.27 -25.32	61.63 -2.15 -30.62	54.57 -2.30 -26.11	57.19 -1.90 -35.71	55.62 -1.89 -35.57	47.67 -1.41 -34.08	54.37 -1.70 -37.63	51.70 -1.49 -37.37	70.18 -3.01 -40.96	75.23 -3.25 -42.80	61.76 -2.92 -33.38	58.05 -3.13 -28.25	30.43 -2.94 -1.99	37.42 -3.27 -6.61	66.31 -3.22 -37.10	63.84 -3.03 -33.82	78.66 -3.53 -45.08	88.84 -3.94 -50.41	103.15 -4.35 -59.84	91.55 -3.80 -52.59	87.32 -3.73 -47.92	80.76 -3.42 -45.46	72.29 -3.03 -41.71	59.86 -2.20 -38.62
ELBRIDGE_115KV_TB2 80188	32.08 -0.41 0.07	32.81 -0.34 0.00	30.42 -0.33 0.00	23.12 -0.26 0.00	21.69 -0.25 0.00	15.57 -0.19 -0.76	19.58 -0.23 -1.37	17.41 -0.16 -1.75	31.88 -0.36 0.00	35.30 -0.37 0.00	30.95 -0.34 0.00	32.56 -0.36 0.00	31.00 -0.37 0.00	33.68 -0.40 0.00	32.05 -0.38 0.00	32.62 -0.43 0.00	36.66 -0.45 0.00	41.85 -0.52 0.00	47.08 -0.59 0.00	42.17 -0.59 0.00	42.61 -0.51 0.00	38.28 -0.44 0.00	33.21 -0.40 0.00	23.98 -0.27 -0.80
ELEC_TRO_TEK 24086	37.67 2.63 -2.48	39.96 2.57 -4.23	37.60 2.34 -4.51	31.01 1.82 -5.81	36.87 1.74 -13.19	22.68 1.17 -6.52	31.75 1.60 -11.71	32.60 1.41 -15.38	39.06 2.72 -4.10	81.28 3.07 -42.54	49.93 2.85 -15.79	43.95 2.97 -8.06	34.21 2.82 -0.02	41.08 3.00 -4.00	35.30 2.86 0.00	35.98 2.93 0.00	41.23 3.29 -0.83	50.39 3.70 -4.33	51.82 4.07 -0.09	48.08 3.41 -1.92	46.54 3.42 0.00	41.79 3.07 0.00	42.17 2.77 -5.79	32.41 1.85 -7.11
ELLENBURG_WT_PWR 323604	32.42 -0.13 0.00	33.01 -0.14 0.00	30.66 -0.10 0.00	23.30 -0.08 0.00	21.82 -0.12 0.00	14.89 -0.10 0.00	18.28 -0.16 0.00	15.64 -0.17 0.00	31.99 -0.25 0.00	35.37 -0.31 0.00	30.93 -0.37 0.00	32.45 -0.47 0.00	30.96 -0.42 0.00	33.71 -0.37 0.00	32.11 -0.32 0.00	32.77 -0.28 0.00	36.74 -0.37 0.00	42.05 -0.32 0.00	47.37 -0.29 0.00	42.58 -0.18 0.00	42.96 -0.17 0.00	38.66 -0.06 0.00	33.56 -0.06 0.00	23.32 -0.13 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.35 -2.96 11.24	18.61 -2.49 12.05	18.13 -2.35 10.28	7.52 -1.81 14.05	6.30 -1.64 14.00	2.02 -1.21 11.76	5.09 -1.50 11.84	3.59 -1.33 10.91	13.25 -2.89 16.10	15.68 -3.17 16.83	15.27 -2.90 13.12	18.67 -3.14 11.11	27.54 -3.06 0.78	28.16 -3.32 2.60	14.50 -3.34 14.58	16.56 -3.20 13.29	15.64 -3.75 17.72	18.15 -4.39 19.82	18.92 -5.21 23.52	17.56 -4.53 20.67	20.19 -4.10 18.84	17.48 -3.37 17.87	14.65 -2.56 16.40	8.21 -1.79 13.45
EMPIRE_CC_1 323656	34.87 1.17 -1.15	34.25 1.10 0.00	31.81 1.06 0.00	24.21 0.83 0.00	22.70 0.76 0.00	22.79 0.54 -7.25	32.16 0.71 -13.01	33.42 0.57 -17.03	33.25 1.01 0.00	36.74 1.06 0.00	32.27 0.97 0.00	33.98 1.06 0.00	32.32 0.94 0.00	35.17 1.09 0.00	33.46 1.03 0.00	34.03 0.97 0.00	38.33 1.22 0.00	43.67 1.31 0.00	49.17 1.51 0.00	44.12 1.36 0.00	44.54 1.41 0.00	39.99 1.27 0.00	34.69 1.08 0.00	32.17 0.85 -7.87
EMPIRE_CC_2 323658	34.87 1.17 -1.15	34.25 1.10 0.00	31.81 1.06 0.00	24.21 0.83 0.00	22.70 0.76 0.00	22.79 0.54 -7.25	32.16 0.71 -13.01	33.42 0.57 -17.03	33.25 1.01 0.00	36.74 1.06 0.00	32.27 0.97 0.00	33.98 1.06 0.00	32.32 0.94 0.00	35.17 1.09 0.00	33.46 1.03 0.00	34.03 0.97 0.00	38.33 1.22 0.00	43.67 1.31 0.00	49.17 1.51 0.00	44.12 1.36 0.00	44.54 1.41 0.00	39.99 1.27 0.00	34.69 1.08 0.00	32.17 0.85 -7.87
ENORWICH_115KV_TB1 80156	36.07 1.51 -2.01	36.40 1.60 -1.65	33.56 1.40 -1.41	26.30 0.99 -1.92	24.73 0.88 -1.92	19.91 0.62 -4.30	25.61 0.72 -6.45	23.52 0.46 -7.24	35.50 0.90 -2.37	39.11 0.96 -2.47	33.89 0.66 -1.93	34.99 0.44 -1.63	31.77 0.28 -0.11	34.70 0.24 -0.38	34.93 0.35 -2.15	35.66 0.65 -1.96	40.06 0.34 -2.61	45.84 0.56 -2.91	52.17 1.05 -3.46	47.06 1.26 -3.04	46.94 1.04 -2.77	42.07 0.72 -2.63	36.53 0.51 -2.41	28.15 0.22 -4.48
ERIE_ST__34_KV_TB1-2 80199	20.90 -2.76 8.90	21.55 -2.26 9.34	20.57 -2.22 7.97	10.80 -1.69 10.89	9.54 -1.55 10.85	5.03 -1.15 8.82	8.38 -1.42 8.64	6.82 -1.24 7.76	17.08 -2.68 12.48	19.76 -2.87 13.04	18.46 -2.67 10.17	21.45 -2.86 8.61	27.93 -2.85 0.60	29.00 -3.06 2.02	18.07 -3.05 11.30	19.85 -2.90 10.30	19.97 -3.41 13.73	23.02 -3.99 15.36	24.65 -4.78 18.23	22.55 -4.19 16.02	24.79 -3.73 14.60	21.81 -3.06 13.85	18.56 -2.34 12.71	11.68 -1.67 10.10
ERIE_WT_PWR 323693	18.51 -2.84 11.20	18.86 -2.32 11.97	18.29 -2.26 10.21	7.67 -1.75 13.96	6.46 -1.58 13.91	2.17 -1.18 11.65	5.25 -1.48 11.70	3.75 -1.31 10.75	13.48 -2.76 16.00	15.96 -2.99 16.72	15.50 -2.76 13.04	18.89 -3.00 11.03	27.63 -2.97 0.77	28.31 -3.19 2.58	14.76 -3.18 14.49	16.85 -2.99 13.21	16.01 -3.50 17.61	18.55 -4.12 19.69	19.38 -4.91 23.37	17.94 -4.28 20.54	20.47 -3.94 18.71	17.78 -3.19 17.75	14.89 -2.43 16.29	8.40 -1.73 13.32
ESPRGFLD_115KV_TB1 80157	33.54 0.72 -0.26	33.89 0.74 0.00	31.38 0.62 0.00	23.83 0.45 0.00	22.39 0.44 0.00	15.80 0.30 -0.50	19.76 0.41 -0.91	17.28 0.34 -1.12	32.88 0.64 0.00	36.45 0.78 0.00	31.99 0.69 0.00	33.50 0.58 0.00	31.92 0.54 0.00	34.69 0.62 0.00	33.07 0.65 0.00	33.72 0.67 0.00	37.81 0.70 0.00	43.24 0.87 0.00	48.68 1.02 0.00	43.75 0.99 0.00	44.12 0.99 0.00	39.55 0.83 0.00	34.34 0.72 0.00	24.38 0.43 -0.51
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.07 0.18 -2.34	36.31 0.28 -2.88	33.41 0.20 -2.46	26.88 0.14 -3.36	25.42 0.13 -3.35	19.76 0.08 -4.69	24.74 0.10 -6.21	22.80 0.11 -6.88	36.32 0.19 -3.89	39.98 0.24 -4.06	34.63 0.16 -3.17	35.72 0.12 -2.68	31.67 0.10 -0.19	34.82 0.12 -0.63	36.07 0.12 -3.52	36.44 0.18 -3.21	41.57 0.18 -4.28	47.40 0.25 -4.78	53.69 0.35 -5.68	48.03 0.28 -4.99	48.03 0.36 -4.55	43.32 0.29 -4.31	37.78 0.21 -3.96	28.74 0.11 -5.18
ETNA____115KV_TB2 80207	35.07 0.18 -2.34	36.31 0.28 -2.88	33.41 0.20 -2.46	26.88 0.14 -3.36	25.42 0.13 -3.35	19.76 0.08 -4.69	24.74 0.10 -6.21	22.80 0.11 -6.88	36.32 0.19 -3.89	39.98 0.24 -4.06	34.63 0.16 -3.17	35.72 0.12 -2.68	31.67 0.10 -0.19	34.82 0.12 -0.63	36.07 0.12 -3.52	36.44 0.18 -3.21	41.57 0.18 -4.28	47.40 0.25 -4.78	53.69 0.35 -5.68	48.03 0.28 -4.99	48.03 0.36 -4.55	43.32 0.29 -4.31	37.78 0.21 -3.96	28.74 0.11 -5.18
EUCLID____115KV_TB2 356179	32.10 -0.56 -0.10	32.63 -0.52 0.00	30.24 -0.51 0.00	22.99 -0.39 0.00	21.59 -0.35 0.00	15.35 -0.25 -0.61	19.22 -0.31 -1.09	16.96 -0.25 -1.40	31.70 -0.54 0.00	35.11 -0.57 0.00	30.79 -0.51 0.00	32.38 -0.54 0.00	30.88 -0.50 0.00	33.51 -0.57 0.00	31.87 -0.56 0.00	32.48 -0.57 0.00	36.46 -0.66 0.00	41.60 -0.77 0.00	46.78 -0.88 0.00	41.96 -0.80 0.00	42.40 -0.73 0.00	38.06 -0.66 0.00	33.06 -0.56 0.00	23.71 -0.38 -0.64
E_CANADA_CAP_HY 24051	34.74 0.82 -1.37	33.96 0.81 0.00	31.45 0.70 0.00	23.89 0.51 0.00	22.44 0.50 0.00	23.97 0.34 -8.64	34.43 0.45 -15.54	36.43 0.33 -20.28	32.83 0.59 0.00	36.32 0.65 0.00	31.87 0.57 0.00	33.35 0.43 0.00	31.74 0.36 0.00	34.53 0.45 0.00	32.98 0.55 0.00	33.60 0.54 0.00	37.72 0.61 0.00	43.17 0.80 0.00	48.67 1.00 0.00	43.81 1.04 0.00	44.20 1.07 0.00	39.63 0.91 0.00	34.47 0.86 0.00	33.35 0.54 -9.36
E_CANADA_MHWK_HY 24050	34.75 2.19 0.00	35.25 2.10 0.00	32.64 1.89 0.00	24.84 1.45 0.00	23.20 1.26 0.00	15.86 0.86 0.00	19.48 1.04 0.00	16.50 0.68 0.00	33.35 1.11 0.00	36.82 1.15 0.00	32.31 1.01 0.00	33.95 1.03 0.00	32.17 0.79 0.00	34.98 0.90 0.00	33.50 1.07 0.00	34.11 1.06 0.00	38.72 1.61 0.00	44.11 1.75 0.00	49.96 2.30 0.00	44.83 2.07 0.00	45.42 2.29 0.00	40.54 1.81 0.00	35.35 1.74 0.00	24.55 1.11 0.00
E_FISHKILL__LBMP 23776	35.42 1.82 -1.05	34.87 1.71 0.00	32.29 1.54 0.00	24.59 1.21 0.00	23.12 1.18 0.00	22.45 0.83 -6.62	31.45 1.11 -11.90	32.42 0.99 -15.61	34.10 1.86 0.00	37.77 2.10 0.00	33.31 2.02 0.00	35.05 2.13 0.00	33.41 2.03 0.00	36.24 2.16 0.00	34.49 2.06 0.00	35.15 2.09 0.00	39.50 2.38 0.00	45.06 2.69 0.00	50.66 2.99 0.00	45.23 2.47 0.00	45.70 2.58 0.00	40.98 2.26 0.00	35.54 1.92 0.00	32.00 1.33 -7.22
FALCON__SEABRD_CC1 323796	33.10 0.54 0.00	33.71 0.56 0.00	31.32 0.57 0.00	23.81 0.43 0.00	22.25 0.30 0.00	15.19 0.20 0.00	18.69 0.25 0.00	15.96 0.14 0.00	32.51 0.27 0.00	35.88 0.21 0.00	31.40 0.11 0.00	32.82 -0.10 0.00	31.24 -0.14 0.00	34.04 -0.04 0.00	32.41 -0.02 0.00	33.10 0.05 0.00	37.15 0.04 0.00	42.47 0.10 0.00	47.88 0.21 0.00	43.05 0.29 0.00	43.46 0.33 0.00	39.10 0.38 0.00	33.96 0.34 0.00	23.52 0.08 0.00
FALCON__SEABRD_CC2 323797	33.10 0.54 0.00	33.71 0.56 0.00	31.32 0.57 0.00	23.81 0.43 0.00	22.25 0.30 0.00	15.19 0.20 0.00	18.69 0.25 0.00	15.96 0.14 0.00	32.51 0.27 0.00	35.88 0.21 0.00	31.40 0.11 0.00	32.82 -0.10 0.00	31.24 -0.14 0.00	34.04 -0.04 0.00	32.41 -0.02 0.00	33.10 0.05 0.00	37.15 0.04 0.00	42.47 0.10 0.00	47.88 0.21 0.00	43.05 0.29 0.00	43.46 0.33 0.00	39.10 0.38 0.00	33.96 0.34 0.00	23.52 0.08 0.00

FAR ROCKAWAY___4 23548	37.98 2.95 -2.48	40.27 2.88 -4.23	37.90 2.64 -4.51	31.24 2.05 -5.81	37.08 1.95 -13.19	22.83 1.32 -6.52	31.93 1.77 -11.71	32.76 1.57 -15.38	39.38 3.05 -4.10	81.67 3.46 -42.54	50.29 3.20 -15.79	44.32 3.34 -8.06	34.56 3.16 -0.02	41.47 3.39 -4.00	35.67 3.24 0.00	36.37 3.31 0.00	41.66 3.71 -0.83	50.89 4.19 -4.33	52.37 4.62 -0.09	48.58 3.91 -1.92	47.08 3.96 0.00	42.24 3.52 0.00	42.56 3.15 -5.79	32.67 2.11 -7.11
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.79 2.20 -1.03	35.25 2.10 0.00	32.65 1.90 0.00	24.88 1.50 0.00	23.42 1.47 0.00	22.55 1.04 -6.52	31.52 1.37 -11.71	32.42 1.23 -15.38	34.57 2.33 0.00	38.30 2.63 0.00	33.79 2.49 0.00	35.53 2.61 0.00	33.88 2.50 0.00	36.73 2.65 0.00	34.97 2.54 0.00	35.64 2.59 0.00	40.01 2.90 0.00	45.62 3.26 0.00	51.27 3.60 0.00	45.70 2.94 0.00	46.18 3.06 0.00	41.40 2.68 0.00	35.90 2.28 0.00	32.15 1.58 -7.11
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.79 2.19 -1.03	35.25 2.10 0.00	32.64 1.89 0.00	24.88 1.50 0.00	23.42 1.47 0.00	22.55 1.04 -6.52	31.52 1.36 -11.71	32.42 1.23 -15.38	34.56 2.32 0.00	38.29 2.62 0.00	33.77 2.48 0.00	35.53 2.61 0.00	33.88 2.50 0.00	36.72 2.64 0.00	34.96 2.53 0.00	35.63 2.58 0.00	40.01 2.90 0.00	45.62 3.25 0.00	51.26 3.60 0.00	45.70 2.94 0.00	46.18 3.06 0.00	41.40 2.68 0.00	35.90 2.28 0.00	32.15 1.58 -7.11
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.78 2.18 -1.03	35.24 2.08 0.00	32.64 1.89 0.00	24.87 1.49 0.00	23.42 1.47 0.00	22.55 1.03 -6.52	31.51 1.36 -11.71	32.42 1.23 -15.38	34.56 2.31 0.00	38.28 2.61 0.00	33.77 2.48 0.00	35.52 2.60 0.00	33.87 2.49 0.00	36.71 2.63 0.00	34.95 2.52 0.00	35.62 2.57 0.00	39.99 2.88 0.00	45.61 3.24 0.00	51.24 3.57 0.00	45.69 2.93 0.00	46.16 3.03 0.00	41.37 2.65 0.00	35.88 2.27 0.00	32.14 1.57 -7.11
FARRAGUT___LBMP 323566	35.75 2.16 -1.03	35.21 2.06 0.00	32.61 1.86 0.00	24.85 1.48 0.00	23.40 1.45 0.00	22.54 1.02 -6.52	31.50 1.35 -11.71	32.41 1.21 -15.38	34.53 2.29 0.00	38.25 2.58 0.00	33.74 2.45 0.00	35.49 2.57 0.00	33.84 2.47 0.00	36.69 2.61 0.00	34.93 2.50 0.00	35.60 2.54 0.00	39.96 2.85 0.00	45.57 3.21 0.00	51.20 3.54 0.00	45.66 2.90 0.00	46.13 3.00 0.00	41.36 2.64 0.00	35.86 2.25 0.00	32.12 1.56 -7.11
FARRCKWY_69_KV_BK2 55825	37.98 2.95 -2.48	40.27 2.88 -4.23	37.90 2.64 -4.51	31.24 2.05 -5.81	37.08 1.95 -13.19	22.83 1.32 -6.52	31.93 1.77 -11.71	32.76 1.57 -15.38	39.38 3.05 -4.10	81.67 3.46 -42.54	50.29 3.20 -15.79	44.32 3.34 -8.06	34.56 3.16 -0.02	41.47 3.39 -4.00	35.67 3.24 0.00	36.37 3.31 0.00	41.66 3.71 -0.83	50.89 4.19 -4.33	52.37 4.62 -0.09	48.58 3.91 -1.92	47.08 3.96 0.00	42.24 3.52 0.00	42.56 3.15 -5.79	32.67 2.11 -7.11
FENNER___WINDPWR 24204	33.11 0.41 -0.14	33.58 0.43 0.00	31.11 0.35 0.00	23.62 0.24 0.00	22.18 0.24 0.00	16.01 0.15 -0.87	20.18 0.17 -1.57	17.98 0.16 -2.00	32.54 0.30 0.00	36.10 0.42 0.00	31.60 0.30 0.00	33.12 0.20 0.00	31.58 0.21 0.00	34.27 0.19 0.00	32.62 0.19 0.00	33.29 0.23 0.00	37.31 0.20 0.00	42.72 0.35 0.00	48.16 0.50 0.00	43.20 0.44 0.00	43.58 0.46 0.00	39.09 0.36 0.00	33.90 0.29 0.00	24.52 0.16 -0.91
FIBERTEK___ENERGY 23856	32.42 -0.25 -0.11	32.96 -0.19 0.00	30.55 -0.20 0.00	23.21 -0.17 0.00	21.79 -0.15 0.00	15.61 -0.11 -0.72	19.60 -0.14 -1.30	17.38 -0.09 -1.66	32.02 -0.22 0.00	35.47 -0.20 0.00	31.10 -0.19 0.00	32.71 -0.21 0.00	31.19 -0.19 0.00	33.86 -0.22 0.00	32.21 -0.22 0.00	32.81 -0.24 0.00	36.85 -0.26 0.00	42.06 -0.30 0.00	47.31 -0.35 0.00	42.41 -0.35 0.00	42.85 -0.27 0.00	38.47 -0.25 0.00	33.38 -0.23 0.00	24.04 -0.17 -0.76
FITZPATRICK___ 23598	31.72 -0.91 -0.07	32.26 -0.89 0.00	29.92 -0.83 0.00	22.74 -0.64 0.00	21.35 -0.59 0.00	15.01 -0.41 -0.43	18.70 -0.51 -0.78	16.38 -0.43 -0.99	31.34 -0.90 0.00	34.70 -0.97 0.00	30.44 -0.86 0.00	32.01 -0.92 0.00	30.51 -0.87 0.00	33.12 -0.96 0.00	31.52 -0.91 0.00	32.10 -0.96 0.00	36.03 -1.08 0.00	41.11 -1.25 0.00	46.23 -1.44 0.00	41.46 -1.30 0.00	41.88 -1.25 0.00	37.59 -1.13 0.00	32.66 -0.95 0.00	23.27 -0.64 -0.46
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.77 2.17 -1.04	35.23 2.07 0.00	32.61 1.86 0.00	24.83 1.45 0.00	23.35 1.41 0.00	22.54 0.99 -6.55	31.52 1.30 -11.78	32.44 1.16 -15.46	34.47 2.23 0.00	38.19 2.52 0.00	33.70 2.40 0.00	35.46 2.54 0.00	33.80 2.43 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.51 0.00	39.96 2.85 0.00	45.60 3.23 0.00	51.29 3.62 0.00	45.79 3.03 0.00	46.27 3.14 0.00	41.47 2.75 0.00	35.94 2.33 0.00	32.20 1.59 -7.16
FORT ORANGE___ 23900	34.91 1.17 -1.18	34.27 1.11 0.00	31.80 1.05 0.00	24.22 0.84 0.00	22.72 0.77 0.00	22.95 0.53 -7.42	32.42 0.62 -13.35	33.80 0.50 -17.48	33.13 0.90 0.00	36.64 0.97 0.00	32.20 0.90 0.00	33.91 0.99 0.00	32.27 0.88 0.00	35.09 1.01 0.00	33.39 0.96 0.00	34.02 0.97 0.00	38.32 1.21 0.00	43.67 1.30 0.00	49.14 1.48 0.00	44.09 1.33 0.00	44.53 1.40 0.00	39.99 1.27 0.00	34.67 1.06 0.00	32.31 0.79 -8.08
FORT_DRUM_COGEN 23780	32.56 -0.06 -0.06	32.91 -0.24 0.00	30.40 -0.35 0.00	23.04 -0.34 0.00	21.63 -0.31 0.00	15.11 -0.27 -0.39	18.79 -0.34 -0.70	16.39 -0.32 -0.89	31.61 -0.63 0.00	35.29 -0.38 0.00	30.70 -0.60 0.00	31.89 -1.03 0.00	30.82 -0.56 0.00	32.92 -1.16 0.00	31.23 -1.20 0.00	32.01 -1.04 0.00	35.82 -1.29 0.00	40.99 -1.38 0.00	46.65 -1.01 0.00	41.97 -0.78 0.00	42.28 -0.84 0.00	37.89 -0.83 0.00	32.81 -0.80 0.00	23.08 -0.77 -0.41
FOX_HILLS___ESR 323835	35.89 2.30 -1.03	35.34 2.18 0.00	32.72 1.97 0.00	24.94 1.56 0.00	23.48 1.53 0.00	22.59 1.08 -6.52	31.57 1.41 -11.71	32.46 1.27 -15.38	34.62 2.38 0.00	38.39 2.71 0.00	33.87 2.58 0.00	35.61 2.69 0.00	33.96 2.58 0.00	36.81 2.73 0.00	35.03 2.60 0.00	35.71 2.66 0.00	40.07 2.95 0.00	45.69 3.32 0.00	51.24 3.58 0.00	45.70 2.94 0.00	46.22 3.09 0.00	41.50 2.78 0.00	35.96 2.34 0.00	32.19 1.62 -7.11
FPL_FAR_ROCK_GT1 24212	37.97 2.94 -2.48	40.26 2.87 -4.23	37.89 2.63 -4.51	31.24 2.05 -5.81	37.07 1.94 -13.19	22.83 1.32 -6.52	31.93 1.78 -11.71	32.76 1.57 -15.38	39.37 3.04 -4.10	81.66 3.45 -42.54	50.29 3.20 -15.79	44.31 3.33 -8.06	34.55 3.16 -0.02	41.47 3.39 -4.00	35.66 3.23 0.00	36.35 3.30 0.00	41.64 3.69 -0.83	50.88 4.19 -4.33	52.33 4.58 -0.09	48.57 3.90 -1.92	47.08 3.96 0.00	42.24 3.52 0.00	42.55 3.14 -5.79	32.66 2.10 -7.11
FPL_FAR_ROCK_GT2 23815	37.97 2.94 -2.48	40.26 2.87 -4.23	37.89 2.63 -4.51	31.24 2.05 -5.81	37.07 1.94 -13.19	22.83 1.32 -6.52	31.93 1.78 -11.71	32.76 1.57 -15.38	39.37 3.04 -4.10	81.66 3.45 -42.54	50.29 3.20 -15.79	44.31 3.33 -8.06	34.55 3.16 -0.02	41.47 3.39 -4.00	35.66 3.23 0.00	36.35 3.30 0.00	41.64 3.69 -0.83	50.88 4.19 -4.33	52.33 4.58 -0.09	48.57 3.90 -1.92	47.08 3.96 0.00	42.24 3.52 0.00	42.55 3.14 -5.79	32.66 2.10 -7.11

FRANKLIN_FALL_HYD 24054	32.42 -0.13 0.00	33.06 -0.10 0.00	30.70 -0.05 0.00	23.31 -0.07 0.00	21.85 -0.09 0.00	14.92 -0.08 0.00	18.30 -0.14 0.00	15.66 -0.16 0.00	32.04 -0.21 0.00	35.44 -0.24 0.00	30.96 -0.33 0.00	32.47 -0.45 0.00	31.00 -0.38 0.00	33.74 -0.34 0.00	32.14 -0.29 0.00	32.83 -0.23 0.00	36.80 -0.32 0.00	42.18 -0.18 0.00	47.54 -0.12 0.00	42.79 0.03 0.00	43.18 0.06 0.00	38.91 0.19 0.00	33.75 0.13 0.00	23.43 -0.02 0.00
FREEPORT_EQUS_GT1 23764	37.92 2.89 -2.48	40.20 2.82 -4.23	37.83 2.57 -4.51	31.19 1.99 -5.81	37.02 1.89 -13.19	22.79 1.27 -6.52	31.88 1.73 -11.71	32.73 1.53 -15.38	39.29 2.95 -4.10	81.58 3.36 -42.54	50.20 3.12 -15.79	44.22 3.25 -8.06	34.46 3.07 -0.02	41.37 3.29 -4.00	35.56 3.13 0.00	36.27 3.22 0.00	41.54 3.59 -0.83	50.75 4.06 -4.33	52.18 4.43 -0.09	48.45 3.78 -1.92	46.92 3.79 0.00	42.13 3.41 0.00	42.46 3.05 -5.79	32.61 2.05 -7.11
FREEPORT___CT2 23818	37.92 2.89 -2.48	40.20 2.82 -4.23	37.83 2.57 -4.51	31.19 1.99 -5.81	37.02 1.89 -13.19	22.79 1.27 -6.52	31.88 1.73 -11.71	32.73 1.53 -15.38	39.29 2.95 -4.10	81.58 3.36 -42.54	50.20 3.12 -15.79	44.22 3.25 -8.06	34.46 3.07 -0.02	41.37 3.29 -4.00	35.56 3.13 0.00	36.27 3.22 0.00	41.54 3.59 -0.83	50.75 4.06 -4.33	52.18 4.43 -0.09	48.45 3.78 -1.92	46.92 3.79 0.00	42.13 3.41 0.00	42.46 3.05 -5.79	32.61 2.05 -7.11
FRESHKLS_33_KV_LOAD 356253	35.95 2.36 -1.03	35.40 2.25 0.00	32.78 2.03 0.00	24.98 1.60 0.00	23.52 1.57 0.00	22.62 1.11 -6.52	31.60 1.45 -11.71	32.49 1.30 -15.38	34.68 2.44 0.00	38.45 2.78 0.00	33.92 2.63 0.00	35.67 2.74 0.00	34.02 2.64 0.00	36.87 2.80 0.00	35.09 2.66 0.00	35.77 2.72 0.00	40.14 3.03 0.00	45.78 3.41 0.00	51.36 3.70 0.00	45.81 3.05 0.00	46.33 3.20 0.00	41.59 2.87 0.00	36.03 2.42 0.00	32.24 1.67 -7.11
FULTON COGEN____ 23766	31.78 -0.86 -0.09	32.30 -0.85 0.00	29.94 -0.82 0.00	22.75 -0.63 0.00	21.37 -0.58 0.00	15.16 -0.40 -0.57	18.97 -0.49 -1.03	16.71 -0.42 -1.31	31.37 -0.87 0.00	34.76 -0.91 0.00	30.48 -0.82 0.00	32.04 -0.88 0.00	30.58 -0.80 0.00	33.18 -0.90 0.00	31.57 -0.87 0.00	32.16 -0.90 0.00	36.10 -1.01 0.00	41.18 -1.19 0.00	46.31 -1.87 0.00	41.56 -1.21 0.00	41.97 -1.15 0.00	37.64 -1.08 0.00	32.68 -0.93 0.00	23.42 -0.63 -0.60
FULTON___LFGE 323630	35.11 1.26 -1.30	34.43 1.27 0.00	31.88 1.13 0.00	24.23 0.85 0.00	22.74 0.80 0.00	23.75 0.55 -8.20	33.90 0.69 -14.76	35.59 0.50 -19.28	33.09 0.85 0.00	36.52 0.85 0.00	32.00 0.71 0.00	33.57 0.65 0.00	31.89 0.51 0.00	34.69 0.62 0.00	33.19 0.76 0.00	33.92 0.87 0.00	38.28 1.17 0.00	43.85 1.49 0.00	49.53 1.87 0.00	44.57 1.81 0.00	45.01 1.88 0.00	40.36 1.64 0.00	35.03 1.42 0.00	33.27 0.92 -8.90
G.F.CEMENT___DRP 24184	36.15 2.38 -1.21	35.47 2.32 0.00	32.94 2.19 0.00	25.09 1.71 0.00	23.48 1.54 0.00	23.75 1.10 -7.66	33.62 1.39 -13.79	34.99 1.13 -18.04	34.37 2.13 0.00	37.76 2.09 0.00	32.96 1.67 0.00	34.84 1.92 0.00	33.04 1.66 0.00	35.86 1.78 0.00	34.03 1.60 0.00	34.78 1.73 0.00	39.49 2.38 0.00	45.13 2.76 0.00	51.12 3.46 0.00	45.94 3.18 0.00	46.42 3.29 0.00	41.59 2.87 0.00	36.06 2.45 0.00	33.42 1.64 -8.33
GARDENVILLE___LBMP 24039	17.07 -2.91 12.58	17.19 -2.43 13.53	16.90 -2.31 11.54	5.81 -1.79 15.77	4.60 -1.63 15.71	0.48 -1.20 13.31	3.45 -1.50 13.49	2.01 -1.32 12.49	11.29 -2.88 18.08	13.66 -3.12 18.89	13.71 -2.85 14.74	17.37 -3.08 12.47	27.48 -3.02 0.87	27.88 -3.28 2.92	12.76 -3.30 16.38	14.99 -3.13 14.93	13.53 -3.69 19.90	15.80 -4.31 22.25	16.15 -5.10 26.41	15.09 -4.46 23.21	17.93 -4.04 21.15	15.33 -3.33 20.06	12.66 -2.55 18.41	6.45 -1.79 15.21
GARDNVLA_35_KV_LD 355827	19.03 -2.83 10.69	19.40 -2.35 11.39	18.79 -2.25 9.71	8.36 -1.74 13.28	7.13 -1.58 13.23	2.79 -1.17 11.03	5.94 -1.46 11.03	4.43 -1.28 10.11	14.21 -2.81 15.22	16.71 -3.05 15.91	16.10 -2.79 12.41	19.42 -3.00 10.50	27.70 -2.94 0.74	28.44 -3.18 2.46	15.43 -3.21 13.79	17.43 -3.06 12.57	16.76 -3.60 16.75	19.42 -4.22 18.73	20.43 -5.00 22.23	18.85 -4.37 19.54	21.37 -3.95 17.81	18.61 -3.22 16.89	15.67 -2.45 15.50	9.11 -1.72 12.62
GELCKHM___115KV_LOAD 80723	32.23 -0.43 -0.10	32.76 -0.39 0.00	30.37 -0.39 0.00	23.08 -0.31 0.00	21.66 -0.28 0.00	15.45 -0.20 -0.65	19.36 -0.24 -1.17	17.11 -0.19 -1.49	31.82 -0.42 0.00	35.25 -0.43 0.00	30.91 -0.38 0.00	32.50 -0.42 0.00	30.98 -0.39 0.00	33.65 -0.43 0.00	32.00 -0.44 0.00	32.58 -0.47 0.00	36.60 -0.52 0.00	41.77 -0.60 0.00	46.97 -0.69 0.00	42.12 -0.64 0.00	42.58 -0.55 0.00	38.23 -0.49 0.00	33.18 -0.44 0.00	23.83 -0.31 -0.68
GENERAL___MILLS 23808	18.49 -2.86 11.20	18.79 -2.38 11.97	18.27 -2.28 10.21	7.66 -1.77 13.96	6.44 -1.60 13.91	2.16 -1.19 11.65	5.26 -1.48 11.70	3.76 -1.30 10.75	13.40 -2.84 16.00	15.87 -3.09 16.72	15.44 -2.82 13.04	18.84 -3.05 11.03	27.63 -2.98 0.77	28.27 -3.23 2.58	14.69 -3.25 14.49	16.75 -3.09 13.21	15.86 -3.64 17.61	18.41 -4.26 19.69	19.24 -5.06 23.37	17.81 -4.41 20.54	20.42 -3.99 18.71	17.70 -3.27 17.75	14.83 -2.50 16.29	8.38 -1.75 13.32
GE_PLASTICS___DRP 24183	34.76 1.02 -1.18	34.14 0.99 0.00	31.68 0.92 0.00	24.11 0.73 0.00	22.63 0.69 0.00	22.88 0.48 -7.41	32.35 0.58 -13.33	33.75 0.48 -17.45	33.11 0.87 0.00	36.60 0.93 0.00	32.18 0.88 0.00	33.88 0.96 0.00	32.24 0.86 0.00	35.05 0.97 0.00	33.36 0.93 0.00	33.98 0.92 0.00	38.23 1.12 0.00	43.58 1.21 0.00	49.03 1.36 0.00	43.96 1.21 0.00	44.38 1.25 0.00	39.85 1.13 0.00	34.56 0.95 0.00	32.22 0.70 -8.06
GILBOA___1 23756	34.57 1.05 -0.96	34.26 1.11 0.00	31.77 1.01 0.00	24.17 0.79 0.00	22.70 0.76 0.00	21.58 0.53 -6.06	29.96 0.63 -10.89	30.61 0.55 -14.25	33.24 1.00 0.00	36.79 1.12 0.00	32.35 1.05 0.00	34.04 1.12 0.00	32.43 1.05 0.00	35.22 1.14 0.00	33.51 1.08 0.00	34.15 1.09 0.00	38.39 1.27 0.00	43.79 1.43 0.00	49.27 1.61 0.00	44.11 1.35 0.00	44.55 1.42 0.00	39.97 1.25 0.00	34.68 1.06 0.00	30.78 0.74 -6.59
GILBOA___2 23757	34.57 1.05 -0.96	34.26 1.11 0.00	31.77 1.01 0.00	24.17 0.79 0.00	22.70 0.76 0.00	21.58 0.53 -6.06	29.96 0.63 -10.89	30.61 0.55 -14.25	33.24 1.00 0.00	36.79 1.12 0.00	32.35 1.05 0.00	34.04 1.12 0.00	32.43 1.05 0.00	35.22 1.14 0.00	33.51 1.08 0.00	34.15 1.09 0.00	38.39 1.27 0.00	43.79 1.43 0.00	49.27 1.61 0.00	44.11 1.35 0.00	44.55 1.42 0.00	39.97 1.25 0.00	34.68 1.06 0.00	30.78 0.74 -6.59
GILBOA___3 23758	34.57 1.05 -0.96	34.26 1.11 0.00	31.77 1.01 0.00	24.17 0.79 0.00	22.70 0.76 0.00	21.58 0.53 -6.06	29.96 0.63 -10.89	30.61 0.55 -14.25	33.24 1.00 0.00	36.79 1.12 0.00	32.35 1.05 0.00	34.04 1.12 0.00	32.43 1.05 0.00	35.22 1.14 0.00	33.51 1.08 0.00	34.15 1.09 0.00	38.39 1.27 0.00	43.79 1.43 0.00	49.27 1.61 0.00	44.11 1.35 0.00	44.55 1.42 0.00	39.97 1.25 0.00	34.68 1.06 0.00	30.78 0.74 -6.59

GILBOA___4 23759	34.57 1.05 -0.96	34.26 1.11 0.00	31.77 1.01 0.00	24.17 0.79 0.00	22.70 0.76 0.00	21.58 0.53 -6.06	29.96 0.63 -10.89	30.61 0.55 -14.25	33.24 1.00 0.00	36.79 1.12 0.00	32.35 1.05 0.00	34.04 1.12 0.00	32.43 1.05 0.00	35.22 1.14 0.00	33.51 1.08 0.00	34.15 1.09 0.00	38.39 1.27 0.00	43.79 1.43 0.00	49.27 1.61 0.00	44.11 1.35 0.00	44.55 1.42 0.00	39.97 1.25 0.00	34.68 1.06 0.00	30.78 0.74 -6.59
GILBOA____ 23599	34.57 1.05 -0.96	34.26 1.11 0.00	31.77 1.01 0.00	24.17 0.79 0.00	22.70 0.76 0.00	21.58 0.53 -6.06	29.96 0.63 -10.89	30.61 0.55 -14.25	33.24 1.00 0.00	36.79 1.12 0.00	32.35 1.06 0.00	34.04 1.12 0.00	32.43 1.05 0.00	35.22 1.15 0.00	33.52 1.09 0.00	34.15 1.10 0.00	38.40 1.28 0.00	43.80 1.44 0.00	49.28 1.62 0.00	44.11 1.35 0.00	44.55 1.43 0.00	39.97 1.25 0.00	34.68 1.07 0.00	30.78 0.74 -6.59
GINNA____ 23603	29.70 -2.51 0.34	30.76 -2.39 0.00	28.51 -2.24 0.00	21.66 -1.73 0.00	20.36 -1.58 0.00	14.68 -1.11 -0.80	18.50 -1.37 -1.44	16.50 -1.16 -1.84	29.89 -2.35 0.00	33.11 -2.57 0.00	29.01 -2.29 0.00	30.49 -2.44 0.00	29.06 -2.32 0.00	31.59 -2.49 0.00	29.98 -2.45 0.00	30.63 -2.42 0.00	34.40 -2.71 0.00	39.23 -3.14 0.00	44.00 -3.66 0.00	39.54 -3.22 0.00	40.06 -3.07 0.00	36.02 -2.70 0.00	31.33 -2.28 0.00	22.67 -1.62 -0.84
GLEN PARK____ 23778	32.57 -0.06 -0.06	32.92 -0.23 0.00	30.40 -0.35 0.00	23.06 -0.33 0.00	21.64 -0.30 0.00	15.14 -0.26 -0.40	18.83 -0.33 -0.72	16.42 -0.31 -0.92	31.61 -0.63 0.00	35.29 -0.38 0.00	30.72 -0.57 0.00	31.94 -0.99 0.00	30.84 -0.54 0.00	32.96 -1.12 0.00	31.25 -1.18 0.00	32.05 -1.00 0.00	35.89 -1.22 0.00	41.08 -1.29 0.00	46.76 -0.91 0.00	42.04 -0.71 0.00	42.37 -0.75 0.00	37.97 -0.75 0.00	32.87 -0.75 0.00	23.14 -0.73 -0.42
GLENDALE_27_KV_LOAD 356172	35.97 2.38 -1.03	35.44 2.29 0.00	32.81 2.05 0.00	24.99 1.61 0.00	23.53 1.59 0.00	22.63 1.12 -6.52	31.61 1.45 -11.71	32.50 1.31 -15.38	34.74 2.49 0.00	38.51 2.84 0.00	33.98 2.68 0.00	35.74 2.81 0.00	34.07 2.69 0.00	36.93 2.85 0.00	35.15 2.72 0.00	35.82 2.77 0.00	40.21 3.10 0.00	45.85 3.49 0.00	51.47 3.81 0.00	45.91 3.16 0.00	46.40 3.28 0.00	41.61 2.89 0.00	36.06 2.45 0.00	32.25 1.68 -7.11
GLENWOOD_IC_1_G5 23712	37.60 2.57 -2.48	39.88 2.49 -4.23	37.53 2.27 -4.51	30.96 1.76 -5.81	36.83 1.69 -13.19	22.67 1.16 -6.52	31.71 1.56 -11.71	32.58 1.39 -15.38	39.00 2.66 -4.10	81.24 3.02 -42.54	49.91 2.83 -15.79	43.95 2.97 -8.06	34.22 2.83 -0.02	41.10 3.01 -4.00	35.30 2.87 0.00	35.99 2.93 0.00	41.24 3.29 -0.83	50.40 3.71 -4.33	51.85 4.10 -0.09	48.09 3.42 -1.92	46.61 3.48 0.00	41.82 3.10 0.00	42.11 2.71 -5.79	32.40 1.83 -7.11
GLENWOOD_IC_2_G1 23688	37.42 2.38 -2.48	39.68 2.30 -4.23	37.35 2.09 -4.51	30.82 1.63 -5.81	36.70 1.57 -13.19	22.60 1.09 -6.52	31.61 1.45 -11.71	32.49 1.29 -15.38	38.79 2.45 -4.10	80.99 2.78 -42.54	49.71 2.62 -15.79	43.74 2.76 -8.06	34.03 2.64 -0.02	40.88 2.80 -4.00	35.11 2.68 0.00	35.78 2.73 0.00	41.00 3.05 -0.83	50.15 3.45 -4.33	51.54 3.79 -0.09	47.84 3.17 -1.92	46.38 3.25 0.00	41.60 2.88 0.00	41.90 2.49 -5.79	32.27 1.70 -7.11
GLENWOOD_IC_3_G1 23689	37.42 2.38 -2.48	39.68 2.30 -4.23	37.35 2.09 -4.51	30.82 1.63 -5.81	36.70 1.57 -13.19	22.60 1.09 -6.52	31.61 1.45 -11.71	32.49 1.29 -15.38	38.79 2.45 -4.10	80.99 2.78 -42.54	49.71 2.62 -15.79	43.74 2.76 -8.06	34.03 2.64 -0.02	40.88 2.80 -4.00	35.11 2.68 0.00	35.78 2.73 0.00	41.00 3.05 -0.83	50.15 3.45 -4.33	51.54 3.79 -0.09	47.84 3.17 -1.92	46.38 3.25 0.00	41.60 2.88 0.00	41.90 2.49 -5.79	32.27 1.70 -7.11
GLENWOOD___4 23550	37.60 2.57 -2.48	39.88 2.49 -4.23	37.53 2.27 -4.51	30.96 1.76 -5.81	36.83 1.69 -13.19	22.67 1.16 -6.52	31.71 1.56 -11.71	32.58 1.39 -15.38	39.00 2.66 -4.10	81.24 3.02 -42.54	49.91 2.83 -15.79	43.95 2.97 -8.06	34.22 2.83 -0.02	41.10 3.01 -4.00	35.30 2.87 0.00	35.99 2.93 0.00	41.24 3.29 -0.83	50.40 3.71 -4.33	51.85 4.10 -0.09	48.09 3.42 -1.92	46.61 3.48 0.00	41.82 3.10 0.00	42.11 2.71 -5.79	32.40 1.83 -7.11
GLENWOOD___5 23614	37.60 2.57 -2.48	39.88 2.49 -4.23	37.53 2.27 -4.51	30.96 1.76 -5.81	36.83 1.69 -13.19	22.67 1.16 -6.52	31.71 1.56 -11.71	32.58 1.39 -15.38	39.00 2.66 -4.10	81.24 3.02 -42.54	49.91 2.83 -15.79	43.95 2.97 -8.06	34.22 2.83 -0.02	41.10 3.01 -4.00	35.30 2.87 0.00	35.99 2.93 0.00	41.24 3.29 -0.83	50.40 3.71 -4.33	51.85 4.10 -0.09	48.09 3.42 -1.92	46.61 3.48 0.00	41.82 3.10 0.00	42.11 2.71 -5.79	32.40 1.83 -7.11
GLOBAL GREEN_PORT_GT1 23814	39.61 4.58 -2.48	41.91 4.52 -4.23	39.42 4.15 -4.51	32.38 3.19 -5.81	38.06 2.92 -13.19	23.40 1.89 -6.52	32.67 2.51 -11.71	33.36 2.17 -15.38	40.67 4.33 -4.10	83.36 5.14 -42.54	51.46 4.38 -15.79	45.40 4.42 -8.06	35.37 3.97 -0.02	42.44 4.35 -4.00	36.52 4.09 0.00	37.48 4.43 0.00	42.98 5.03 -0.83	52.68 5.98 -4.33	54.25 6.50 -0.09	50.36 5.69 -1.92	48.36 5.23 0.00	43.13 4.41 0.00	43.37 3.96 -5.79	33.11 2.55 -7.11
GLOBE___DSASP 323697	20.31 -3.46 8.78	20.85 -2.97 9.33	20.03 -2.77 7.95	10.42 -2.09 10.88	9.22 -1.89 10.83	4.72 -1.37 8.91	7.92 -1.70 8.81	6.32 -1.51 7.99	16.50 -3.28 12.46	18.98 -3.68 13.02	17.80 -3.34 10.16	20.70 -3.63 8.59	27.15 -3.63 0.60	28.17 -3.90 2.01	17.34 -3.81 11.28	19.07 -3.70 10.29	19.11 -4.29 13.71	22.01 -5.03 15.34	23.47 -6.00 18.20	21.63 -5.13 16.00	23.89 -4.66 14.58	21.03 -3.86 13.83	18.00 -2.93 12.69	11.24 -2.02 10.20
GOETHSLN___LBMP 323567	35.64 2.05 -1.03	35.09 1.94 0.00	32.50 1.75 0.00	24.78 1.40 0.00	23.33 1.39 0.00	22.49 0.97 -6.52	31.44 1.28 -11.71	32.35 1.16 -15.38	34.42 2.18 0.00	38.13 2.46 0.00	33.64 2.34 0.00	35.38 2.46 0.00	33.74 2.37 0.00	36.57 2.49 0.00	34.82 2.39 0.00	35.49 2.44 0.00	39.85 2.73 0.00	45.44 3.07 0.00	51.04 3.38 0.00	45.50 2.74 0.00	45.98 2.85 0.00	41.22 2.50 0.00	35.73 2.12 0.00	32.04 1.48 -7.11
GOLAH___69_KV_TB 1_2 80279	29.67 -1.35 1.54	30.73 -1.12 1.30	28.59 -1.05 1.11	21.05 -0.81 1.52	19.71 -0.72 1.51	13.91 -0.53 0.55	17.80 -0.65 -0.01	15.73 -0.57 -0.48	29.28 -1.23 1.73	32.53 -1.33 1.81	28.68 -1.21 1.41	30.44 -1.29 1.19	30.06 -1.24 0.08	32.48 -1.32 0.28	29.50 -1.36 1.57	30.35 -1.27 1.43	33.72 -1.49 1.90	38.49 -1.74 2.13	42.97 -2.16 2.53	38.71 -1.83 2.22	39.58 -1.52 2.02	35.54 -1.26 1.92	30.91 -0.94 1.76	22.09 -0.67 0.69
GOODYEAR_LAKE_HYD 323669	34.13 0.91 -0.66	34.10 0.95 0.00	31.59 0.83 0.00	24.01 0.63 0.00	22.56 0.62 0.00	17.80 0.43 -2.38	23.26 0.54 -4.28	21.72 0.49 -5.42	33.17 0.93 0.00	36.76 1.08 0.00	32.28 0.98 0.00	33.89 0.97 0.00	32.31 0.93 0.00	35.10 1.02 0.00	33.41 0.98 0.00	34.08 1.02 0.00	38.26 1.15 0.00	43.71 1.34 0.00	49.17 1.51 0.00	44.07 1.31 0.00	44.47 1.35 0.00	39.89 1.17 0.00	34.59 0.98 0.00	26.55 0.63 -2.48

GOUDEY___1 345031	34.16 -0.03 -1.64	33.24 0.09 0.00	30.80 0.05 0.00	23.40 0.02 0.00	22.00 0.06 0.00	17.35 0.02 -2.33	22.66 0.03 -4.19	21.19 0.04 -5.33	32.25 0.01 0.00	35.72 0.04 0.00	31.33 0.03 0.00	32.95 0.03 0.00	31.41 0.03 0.00	34.10 0.02 0.00	32.41 -0.02 0.00	33.11 0.06 0.00	37.14 0.03 0.00	42.40 0.03 0.00	47.68 0.01 0.00	42.69 -0.07 0.00	43.19 0.06 0.00	38.75 0.03 0.00	33.66 0.05 0.00	25.89 0.00 -2.44
GOUDEY___7 23579	34.16 -0.03 -1.64	33.24 0.09 0.00	30.80 0.05 0.00	23.40 0.02 0.00	22.00 0.06 0.00	17.35 0.02 -2.33	22.66 0.03 -4.19	21.19 0.04 -5.33	32.25 0.01 0.00	35.72 0.04 0.00	31.33 0.03 0.00	32.95 0.03 0.00	31.41 0.03 0.00	34.10 0.02 0.00	32.41 -0.02 0.00	33.11 0.06 0.00	37.14 0.03 0.00	42.40 0.03 0.00	47.68 0.01 0.00	42.69 -0.07 0.00	43.19 0.06 0.00	38.75 0.03 0.00	33.66 0.05 0.00	25.89 0.00 -2.44
GOUDEY___8 23580	34.16 -0.03 -1.64	33.24 0.09 0.00	30.80 0.05 0.00	23.40 0.02 0.00	22.00 0.06 0.00	17.35 0.02 -2.33	22.66 0.03 -4.19	21.19 0.04 -5.33	32.25 0.01 0.00	35.72 0.04 0.00	31.33 0.03 0.00	32.95 0.03 0.00	31.41 0.03 0.00	34.10 0.02 0.00	32.41 -0.02 0.00	33.11 0.06 0.00	37.14 0.03 0.00	42.40 0.03 0.00	47.68 0.01 0.00	42.69 -0.07 0.00	43.19 0.06 0.00	38.75 0.03 0.00	33.66 0.05 0.00	25.89 0.00 -2.44
GOWANUS_GT1_1 24077	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT1_2 24078	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT1_3 24079	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT1_4 24080	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT1_5 24084	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT1_6 24111	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT1_7 24112	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT1_8 24113	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT2_1 24114	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT2_2 24115	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT2_3 24116	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT2_4 24117	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11

GOWANUS_GT2_5 24118	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT2_6 24119	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT2_7 24120	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT2_8 24121	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT3_1 24122	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT3_2 24123	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT3_3 24124	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT3_4 24125	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT3_5 24126	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT3_6 24127	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT3_7 24128	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT3_8 24129	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
GOWANUS_GT4_1 24130	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT4_2 24131	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT4_3 24132	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11

GOWANUS_GT4_4 24133	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT4_5 24134	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT4_6 24135	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT4_7 24136	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GOWANUS_GT4_8 24137	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GREENBSH_115KV_TB3 55895	34.76 1.02 -1.18	34.11 0.96 0.00	31.67 0.92 0.00	24.12 0.73 0.00	22.62 0.68 0.00	22.91 0.47 -7.45	32.38 0.55 -13.40	33.79 0.44 -17.53	33.01 0.77 0.00	36.50 0.83 0.00	32.08 0.79 0.00	33.79 0.86 0.00	32.14 0.76 0.00	34.95 0.87 0.00	33.26 0.83 0.00	33.87 0.82 0.00	38.15 1.03 0.00	43.46 1.09 0.00	48.88 1.21 0.00	43.85 1.09 0.00	44.26 1.14 0.00	39.76 1.04 0.00	34.48 0.87 0.00	32.22 0.67 -8.10
GREENDGE_115KV_TB5 80291	42.45 -0.75 -10.64	46.32 -0.58 -13.75	41.85 -0.63 -11.72	38.88 -0.53 -16.03	37.44 -0.47 -15.97	30.65 -0.37 -16.02	36.21 -0.43 -18.20	33.93 -0.33 -18.44	49.93 -0.70 -18.40	54.16 -0.74 -19.23	45.57 -0.72 -14.99	44.84 -0.77 -12.69	31.59 -0.68 -0.89	36.31 -0.74 -2.97	48.31 -0.79 -16.66	47.54 -0.71 -15.19	56.54 -0.82 -20.25	64.12 -0.88 -22.64	73.56 -0.98 -26.88	65.54 -0.84 -23.62	63.98 -0.67 -21.53	58.48 -0.66 -20.42	51.75 -0.59 -18.73	41.07 -0.48 -18.10
GREENIDGE___3 23582	42.45 -0.75 -10.64	46.32 -0.58 -13.75	41.85 -0.63 -11.72	38.88 -0.53 -16.03	37.44 -0.47 -15.97	30.65 -0.37 -16.02	36.21 -0.43 -18.20	33.93 -0.33 -18.44	49.93 -0.70 -18.40	54.16 -0.74 -19.23	45.57 -0.72 -14.99	44.84 -0.77 -12.69	31.59 -0.68 -0.89	36.31 -0.74 -2.97	48.31 -0.79 -16.66	47.54 -0.71 -15.19	56.54 -0.82 -20.25	64.12 -0.88 -22.64	73.56 -0.98 -26.88	65.54 -0.84 -23.62	63.98 -0.67 -21.53	58.48 -0.66 -20.42	51.75 -0.59 -18.73	41.07 -0.48 -18.10
GREENIDGE___4 23583	42.46 -0.74 -10.64	46.33 -0.57 -13.75	41.85 -0.62 -11.72	38.88 -0.53 -16.03	37.44 -0.47 -15.97	30.65 -0.37 -16.02	36.20 -0.43 -18.20	33.93 -0.33 -18.44	49.95 -0.69 -18.40	54.18 -0.72 -19.23	45.58 -0.71 -14.99	44.84 -0.77 -12.69	31.60 -0.67 -0.89	36.31 -0.74 -2.97	48.32 -0.78 -16.66	47.56 -0.68 -15.19	56.56 -0.80 -20.25	64.14 -0.87 -22.64	73.57 -0.97 -26.88	65.55 -0.83 -23.62	63.99 -0.66 -21.53	58.48 -0.66 -20.42	51.75 -0.59 -18.73	41.07 -0.48 -18.10
GREENLWN_69_KV_BK 3 55738	37.88 2.85 -2.48	40.20 2.82 -4.23	37.85 2.58 -4.51	31.20 2.02 -5.81	37.01 1.88 -13.19	22.76 1.25 -6.52	31.90 1.75 -11.71	32.73 1.54 -15.38	39.27 2.93 -4.10	81.52 3.30 -42.54	50.06 2.98 -15.79	44.10 3.12 -8.06	34.32 2.93 -0.02	41.16 3.08 -4.00	35.37 2.94 0.00	36.11 3.06 0.00	41.38 3.43 -0.83	50.53 3.84 -4.33	51.94 4.18 -0.09	48.24 3.57 -1.92	46.71 3.58 0.00	41.97 3.25 0.00	42.39 2.98 -5.79	32.53 1.97 -7.11
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11
GRISSOM___SOLAR 323813	35.17 1.33 -1.29	34.48 1.33 0.00	31.95 1.20 0.00	24.28 0.90 0.00	22.79 0.85 0.00	23.70 0.59 -8.12	33.78 0.73 -14.61	35.42 0.51 -19.09	33.09 0.85 0.00	36.51 0.84 0.00	31.98 0.68 0.00	33.59 0.66 0.00	31.87 0.49 0.00	34.68 0.60 0.00	33.19 0.76 0.00	33.95 0.89 0.00	38.35 1.24 0.00	43.90 1.54 0.00	49.62 1.95 0.00	44.64 1.88 0.00	45.09 1.96 0.00	40.44 1.72 0.00	35.09 1.47 0.00	33.23 0.97 -8.81
GROVEVILLE___HYD 323602	35.77 2.17 -1.04	35.23 2.07 0.00	32.61 1.86 0.00	24.83 1.45 0.00	23.35 1.41 0.00	22.54 0.99 -6.55	31.52 1.30 -11.78	32.44 1.16 -15.46	34.47 2.23 0.00	38.19 2.52 0.00	33.70 2.40 0.00	35.46 2.54 0.00	33.80 2.43 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.57 2.51 0.00	39.96 2.85 0.00	45.60 3.23 0.00	51.29 3.62 0.00	45.79 3.03 0.00	46.27 3.14 0.00	41.47 2.75 0.00	35.94 2.33 0.00	32.20 1.59 -7.16
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.42 -0.25 -0.11	32.96 -0.19 0.00	30.55 -0.20 0.00	23.21 -0.17 0.00	21.79 -0.15 0.00	15.61 -0.11 -0.72	19.60 -0.14 -1.30	17.38 -0.09 -1.66	32.02 -0.22 0.00	35.47 -0.20 0.00	31.10 -0.19 0.00	32.71 -0.21 0.00	31.19 -0.19 0.00	33.86 -0.22 0.00	32.21 -0.22 0.00	32.81 -0.24 0.00	36.85 -0.26 0.00	42.06 -0.30 0.00	47.31 -0.35 0.00	42.41 -0.35 0.00	42.85 -0.27 0.00	38.47 -0.25 0.00	33.38 -0.23 0.00	24.04 -0.17 -0.76
HAMLTNNY_34_KV_TB 80303	32.20 -0.26 0.09	32.98 -0.17 0.00	30.58 -0.18 0.00	23.23 -0.15 0.00	21.80 -0.14 0.00	15.64 -0.12 -0.77	19.68 -0.14 -1.38	17.49 -0.09 -1.76	32.02 -0.22 0.00	35.46 -0.21 0.00	31.08 -0.21 0.00	32.70 -0.22 0.00	31.17 -0.21 0.00	33.84 -0.24 0.00	32.19 -0.24 0.00	32.79 -0.26 0.00	36.85 -0.26 0.00	42.07 -0.30 0.00	47.33 -0.34 0.00	42.42 -0.34 0.00	42.86 -0.26 0.00	38.49 -0.23 0.00	33.39 -0.22 0.00	24.11 -0.15 -0.81

HAMPSHIRE___PAPER_HYD 323593	32.18 -0.40 -0.03	32.63 -0.53 0.00	30.23 -0.53 0.00	22.93 -0.45 0.00	21.50 -0.44 0.00	14.85 -0.35 -0.21	18.37 -0.45 -0.37	15.90 -0.40 -0.48	31.51 -0.73 0.00	34.99 -0.68 0.00	30.46 -0.83 0.00	31.79 -1.13 0.00	30.54 -0.84 0.00	32.87 -1.21 0.00	31.29 -1.15 0.00	32.01 -1.05 0.00	35.76 -1.36 0.00	40.97 -1.40 0.00	46.40 -1.26 0.00	41.80 -0.96 0.00	42.14 -0.99 0.00	37.89 -0.83 0.00	32.86 -0.76 0.00	22.99 -0.68 -0.22
HARDSCRABBLE_WT_PWR 323673	34.28 1.72 0.00	34.75 1.60 0.00	32.17 1.42 0.00	24.46 1.08 0.00	22.83 0.89 0.00	15.58 0.59 0.00	19.17 0.73 0.00	16.26 0.44 0.00	32.95 0.71 0.00	36.45 0.78 0.00	32.02 0.72 0.00	33.54 0.62 0.00	31.83 0.45 0.00	34.60 0.52 0.00	33.13 0.70 0.00	33.72 0.67 0.00	38.14 1.03 0.00	43.43 1.06 0.00	49.12 1.46 0.00	44.11 1.35 0.00	44.66 1.53 0.00	39.81 1.09 0.00	34.70 1.09 0.00	24.12 0.66 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.65 2.09 -1.00	35.13 1.98 0.00	32.51 1.76 0.00	24.75 1.37 0.00	23.30 1.35 0.00	22.26 0.96 -6.30	31.01 1.24 -11.33	31.82 1.12 -14.88	34.35 2.11 0.00	38.10 2.42 0.00	33.60 2.30 0.00	35.35 2.44 0.00	33.70 2.32 0.00	36.54 2.46 0.00	34.80 2.37 0.00	35.49 2.44 0.00	39.86 2.74 0.00	45.45 3.09 0.00	51.10 3.44 0.00	45.57 2.81 0.00	46.05 2.93 0.00	41.28 2.56 0.00	35.79 2.18 0.00	31.83 1.49 -6.89
HARSNRAD_115KV_TB1 81005	21.01 -3.04 8.51	21.57 -2.55 9.03	20.66 -2.40 7.70	11.03 -1.83 10.53	9.81 -1.64 10.49	5.18 -1.20 8.61	8.43 -1.50 8.51	6.79 -1.32 7.70	17.27 -2.91 12.06	19.85 -3.22 12.60	18.53 -2.94 9.83	21.42 -3.19 8.32	27.66 -3.14 0.58	28.73 -3.40 1.95	18.14 -3.37 10.92	19.86 -3.23 9.96	20.08 -3.76 13.27	23.06 -4.47 14.85	24.66 -5.38 17.62	22.70 -4.58 15.49	24.87 -4.15 14.11	21.98 -3.36 13.38	18.82 -2.51 12.28	11.86 -1.73 9.86
HARZA MOOSE___RIVER 24016	32.98 0.38 -0.05	33.40 0.24 0.00	30.91 0.16 0.00	23.44 0.06 0.00	21.99 0.05 0.00	15.27 -0.02 -0.30	18.96 -0.02 -0.53	16.49 -0.01 -0.68	32.29 0.05 0.00	35.92 0.25 0.00	31.26 -0.03 0.00	32.60 -0.32 0.00	31.32 -0.06 0.00	33.63 -0.45 0.00	32.04 -0.39 0.00	32.79 -0.26 0.00	36.64 -0.47 0.00	41.93 -0.44 0.00	47.49 -0.17 0.00	42.73 -0.03 0.00	43.01 -0.12 0.00	38.52 -0.20 0.00	33.38 -0.24 0.00	23.45 -0.32 -0.31
HDSNBRDG_115KV_BRDG_TB1 355580	32.22 -0.44 -0.10	32.76 -0.39 0.00	30.36 -0.39 0.00	23.07 -0.31 0.00	21.67 -0.27 0.00	15.46 -0.20 -0.66	19.38 -0.24 -1.18	17.14 -0.19 -1.52	31.82 -0.42 0.00	35.25 -0.43 0.00	30.91 -0.38 0.00	32.51 -0.41 0.00	31.00 -0.38 0.00	33.65 -0.43 0.00	32.00 -0.43 0.00	32.62 -0.44 0.00	36.60 -0.51 0.00	41.77 -0.59 0.00	46.98 -0.68 0.00	42.13 -0.63 0.00	42.59 -0.54 0.00	38.22 -0.50 0.00	33.19 -0.42 0.00	23.86 -0.28 -0.69
HELLGATE_13_KV_LD 55870	36.05 2.46 -1.03	35.53 2.38 0.00	32.86 2.10 0.00	25.01 1.62 0.00	23.58 1.64 0.00	22.66 1.15 -6.52	31.65 1.49 -11.71	32.54 1.34 -15.38	34.80 2.56 0.00	38.59 2.92 0.00	34.06 2.76 0.00	35.80 2.88 0.00	34.14 2.76 0.00	37.00 2.93 0.00	35.22 2.79 0.00	35.88 2.83 0.00	40.28 3.16 0.00	45.95 3.58 0.00	51.59 3.93 0.00	46.01 3.25 0.00	46.52 3.39 0.00	41.71 2.99 0.00	36.13 2.52 0.00	32.29 1.73 -7.11
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.05 2.46 -1.03	35.53 2.38 0.00	32.86 2.10 0.00	25.01 1.62 0.00	23.58 1.64 0.00	22.66 1.15 -6.52	31.65 1.49 -11.71	32.54 1.34 -15.38	34.80 2.56 0.00	38.59 2.92 0.00	34.06 2.76 0.00	35.80 2.88 0.00	34.14 2.76 0.00	37.00 2.93 0.00	35.22 2.79 0.00	35.88 2.83 0.00	40.28 3.16 0.00	45.95 3.58 0.00	51.59 3.93 0.00	46.01 3.25 0.00	46.52 3.39 0.00	41.71 2.99 0.00	36.13 2.52 0.00	32.29 1.73 -7.11
HEMPSTEAD___ 23647	37.67 2.64 -2.48	39.95 2.57 -4.23	37.60 2.34 -4.51	31.01 1.82 -5.81	36.87 1.74 -13.19	22.69 1.17 -6.52	31.75 1.59 -11.71	32.60 1.41 -15.38	39.04 2.70 -4.10	81.29 3.08 -42.54	49.98 2.89 -15.79	43.99 3.01 -8.06	34.22 2.82 -0.02	41.11 3.03 -4.00	35.30 2.87 0.00	35.98 2.93 0.00	41.22 3.28 -0.83	50.41 3.71 -4.33	51.79 4.05 -0.09	48.09 3.42 -1.92	46.57 3.45 0.00	41.83 3.11 0.00	42.16 2.75 -5.79	32.41 1.85 -7.11
HICKLING___1 23621	34.19 -1.03 -2.66	38.13 -0.80 -5.78	34.81 -0.87 -4.92	29.39 -0.73 -6.73	28.00 -0.64 -6.71	22.36 -0.50 -7.87	27.53 -0.59 -9.69	25.70 -0.48 -10.37	38.98 -1.00 -7.75	42.75 -1.02 -8.10	36.64 -0.97 -6.31	37.25 -1.02 -5.34	30.83 -0.93 -0.38	34.29 -1.04 -1.25	38.33 -1.12 -7.02	38.50 -0.95 -6.40	44.50 -1.15 -8.53	50.64 -1.27 -9.54	57.57 -1.42 -11.32	51.40 -1.31 -9.95	51.06 -1.13 -9.07	46.23 -1.09 -8.60	40.53 -0.97 -7.89	31.50 -0.77 -8.82
HICKLING___2 23622	34.19 -1.03 -2.66	38.13 -0.80 -5.78	34.81 -0.87 -4.92	29.39 -0.73 -6.73	28.00 -0.64 -6.71	22.36 -0.50 -7.87	27.53 -0.59 -9.69	25.70 -0.48 -10.37	38.98 -1.00 -7.75	42.75 -1.02 -8.10	36.64 -0.97 -6.31	37.25 -1.02 -5.34	30.83 -0.93 -0.38	34.29 -1.04 -1.25	38.33 -1.12 -7.02	38.50 -0.95 -6.40	44.50 -1.15 -8.53	50.64 -1.27 -9.54	57.57 -1.42 -11.32	51.40 -1.31 -9.95	51.06 -1.13 -9.07	46.23 -1.09 -8.60	40.53 -0.97 -7.89	31.50 -0.77 -8.82
HIGH FALLS___HY 23754	35.77 2.19 -1.03	35.24 2.09 0.00	32.60 1.85 0.00	24.81 1.43 0.00	23.35 1.41 0.00	22.48 1.00 -6.49	31.42 1.32 -11.65	32.40 1.19 -15.39	34.56 2.32 0.00	38.34 2.66 0.00	33.83 2.54 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.80 2.73 0.00	35.04 2.60 0.00	35.71 2.66 0.00	40.11 2.99 0.00	45.80 3.44 0.00	51.54 3.87 0.00	45.98 3.22 0.00	46.48 3.36 0.00	41.64 2.92 0.00	36.07 2.46 0.00	32.26 1.67 -7.13
HIGH_RIVER___SOLAR 323847	34.98 1.17 -1.25	34.31 1.16 0.00	31.80 1.05 0.00	24.19 0.81 0.00	22.69 0.75 0.00	23.42 0.53 -7.90	33.31 0.66 -14.22	34.89 0.49 -18.58	33.02 0.78 0.00	36.43 0.76 0.00	31.93 0.63 0.00	33.59 0.66 0.00	31.92 0.54 0.00	34.72 0.64 0.00	33.19 0.76 0.00	33.87 0.81 0.00	38.23 1.12 0.00	43.72 1.35 0.00	49.33 1.67 0.00	44.33 1.57 0.00	44.76 1.64 0.00	40.16 1.44 0.00	34.84 1.22 0.00	32.86 0.83 -8.58
HILLBURN___GT 23639	35.65 2.09 -1.01	35.12 1.97 0.00	32.50 1.75 0.00	24.74 1.36 0.00	23.29 1.35 0.00	22.31 0.96 -6.35	31.11 1.25 -11.42	31.94 1.13 -15.00	34.34 2.11 0.00	38.10 2.43 0.00	33.60 2.31 0.00	35.36 2.44 0.00	33.71 2.33 0.00	36.54 2.46 0.00	34.80 2.37 0.00	35.49 2.43 0.00	39.84 2.73 0.00	45.46 3.09 0.00	51.07 3.41 0.00	45.53 2.77 0.00	46.03 2.91 0.00	41.25 2.53 0.00	35.76 2.15 0.00	31.89 1.49 -6.94
HILLSIDE_115KV_TB1 80332	33.15 -1.05 -1.64	37.37 -0.79 -5.01	34.20 -0.83 -4.28	28.54 -0.69 -5.84	27.18 -0.59 -5.82	21.68 -0.47 -7.15	26.88 -0.56 -8.99	25.12 -0.45 -9.75	37.99 -0.97 -6.73	41.71 -1.00 -7.03	35.84 -0.94 -5.48	36.58 -0.98 -4.64	30.79 -0.91 -0.33	34.14 -1.03 -1.09	37.43 -1.09 -6.09	37.67 -0.94 -5.55	43.37 -1.15 -7.40	49.37 -1.28 -8.28	56.06 -1.43 -9.83	50.02 -1.38 -8.64	49.80 -1.20 -7.87	45.06 -1.12 -7.47	39.51 -0.96 -6.85	30.70 -0.75 -8.00

HISHELDN_WT_PWR 323625	4.81 -2.92 24.82	3.31 -2.53 27.31	4.98 -2.48 23.29	-10.42 -1.95 31.85	-11.56 -1.78 31.72	-14.28 -1.31 27.96	-12.39 -1.64 29.19	-13.33 -1.42 27.73	-7.37 -3.11 36.51	-5.88 -3.40 38.16	-1.56 -3.10 29.76	4.43 -3.30 25.18	26.37 -3.23 1.77	24.66 -3.53 5.90	-4.10 -3.46 33.07	-0.39 -3.31 30.15	-6.87 -3.80 40.18	-7.00 -4.43 44.94	-10.75 -5.08 53.34	-8.58 -4.46 46.88	-3.81 -4.22 42.72	-5.40 -3.60 40.52	-6.44 -2.87 37.18	-10.45 -2.03 31.86
HOLTSVILLE_IC_1 23690	38.44 3.40 -2.48	40.76 3.37 -4.23	38.36 3.10 -4.51	31.59 2.39 -5.81	37.34 2.21 -13.19	22.95 1.44 -6.52	32.14 1.98 -11.71	32.93 1.74 -15.38	39.68 3.34 -4.10	82.04 3.83 -42.54	50.47 3.38 -15.79	44.45 3.47 -8.06	34.58 3.19 -0.02	41.45 3.37 -4.00	35.61 3.18 0.00	36.40 3.34 0.00	41.71 3.76 -0.83	51.06 4.36 -4.33	52.44 4.69 -0.09	48.75 4.08 -1.92	47.12 4.00 0.00	42.29 3.57 0.00	42.71 3.30 -5.79	32.72 2.16 -7.11
HOLTSVILLE_IC_10 23699	38.60 3.56 -2.48	40.92 3.53 -4.23	38.50 3.24 -4.51	31.70 2.50 -5.81	37.43 2.30 -13.19	23.01 1.50 -6.52	32.22 2.06 -11.71	32.99 1.80 -15.38	39.83 3.49 -4.10	82.22 4.00 -42.54	50.62 3.53 -15.79	44.61 3.63 -8.06	34.74 3.34 -0.02	41.60 3.52 -4.00	35.77 3.33 0.00	36.55 3.49 0.00	41.89 3.95 -0.83	51.28 4.59 -4.33	52.69 4.94 -0.09	48.97 4.30 -1.92	47.34 4.22 0.00	42.48 3.76 0.00	42.88 3.47 -5.79	32.83 2.27 -7.11
HOLTSVILLE_IC_2 23691	38.44 3.40 -2.48	40.76 3.37 -4.23	38.36 3.10 -4.51	31.59 2.39 -5.81	37.34 2.21 -13.19	22.95 1.44 -6.52	32.14 1.98 -11.71	32.93 1.74 -15.38	39.68 3.34 -4.10	82.04 3.83 -42.54	50.47 3.38 -15.79	44.45 3.47 -8.06	34.58 3.19 -0.02	41.45 3.37 -4.00	35.61 3.18 0.00	36.40 3.34 0.00	41.71 3.76 -0.83	51.06 4.36 -4.33	52.44 4.69 -0.09	48.75 4.08 -1.92	47.12 4.00 0.00	42.29 3.57 0.00	42.71 3.30 -5.79	32.72 2.16 -7.11
HOLTSVILLE_IC_3 23692	38.44 3.40 -2.48	40.76 3.37 -4.23	38.36 3.10 -4.51	31.59 2.39 -5.81	37.34 2.21 -13.19	22.95 1.44 -6.52	32.14 1.98 -11.71	32.93 1.74 -15.38	39.68 3.34 -4.10	82.04 3.83 -42.54	50.47 3.38 -15.79	44.45 3.47 -8.06	34.58 3.19 -0.02	41.45 3.37 -4.00	35.61 3.18 0.00	36.40 3.34 0.00	41.71 3.76 -0.83	51.06 4.36 -4.33	52.44 4.69 -0.09	48.75 4.08 -1.92	47.12 4.00 0.00	42.29 3.57 0.00	42.71 3.30 -5.79	32.72 2.16 -7.11
HOLTSVILLE_IC_4 23693	38.44 3.40 -2.48	40.76 3.37 -4.23	38.36 3.10 -4.51	31.59 2.39 -5.81	37.34 2.21 -13.19	22.95 1.44 -6.52	32.14 1.98 -11.71	32.93 1.74 -15.38	39.68 3.34 -4.10	82.04 3.83 -42.54	50.47 3.38 -15.79	44.45 3.47 -8.06	34.58 3.19 -0.02	41.45 3.37 -4.00	35.61 3.18 0.00	36.40 3.34 0.00	41.71 3.76 -0.83	51.06 4.36 -4.33	52.44 4.69 -0.09	48.75 4.08 -1.92	47.12 4.00 0.00	42.29 3.57 0.00	42.71 3.30 -5.79	32.72 2.16 -7.11
HOLTSVILLE_IC_5 23694	38.44 3.40 -2.48	40.76 3.37 -4.23	38.36 3.10 -4.51	31.59 2.39 -5.81	37.34 2.21 -13.19	22.95 1.44 -6.52	32.14 1.98 -11.71	32.93 1.74 -15.38	39.68 3.34 -4.10	82.04 3.83 -42.54	50.47 3.38 -15.79	44.45 3.47 -8.06	34.58 3.19 -0.02	41.45 3.37 -4.00	35.61 3.18 0.00	36.40 3.34 0.00	41.71 3.76 -0.83	51.06 4.36 -4.33	52.44 4.69 -0.09	48.75 4.08 -1.92	47.12 4.00 0.00	42.29 3.57 0.00	42.71 3.30 -5.79	32.72 2.16 -7.11
HOLTSVILLE_IC_6 23695	38.60 3.56 -2.48	40.92 3.53 -4.23	38.50 3.24 -4.51	31.70 2.50 -5.81	37.43 2.30 -13.19	23.01 1.50 -6.52	32.22 2.06 -11.71	32.99 1.80 -15.38	39.83 3.49 -4.10	82.22 4.00 -42.54	50.62 3.53 -15.79	44.61 3.63 -8.06	34.74 3.34 -0.02	41.60 3.52 -4.00	35.77 3.33 0.00	36.55 3.49 0.00	41.89 3.95 -0.83	51.28 4.59 -4.33	52.69 4.94 -0.09	48.97 4.30 -1.92	47.34 4.22 0.00	42.48 3.76 0.00	42.88 3.47 -5.79	32.83 2.27 -7.11
HOLTSVILLE_IC_7 23696	38.60 3.56 -2.48	40.92 3.53 -4.23	38.50 3.24 -4.51	31.70 2.50 -5.81	37.43 2.30 -13.19	23.01 1.50 -6.52	32.22 2.06 -11.71	32.99 1.80 -15.38	39.83 3.49 -4.10	82.22 4.00 -42.54	50.62 3.53 -15.79	44.61 3.63 -8.06	34.74 3.34 -0.02	41.60 3.52 -4.00	35.77 3.33 0.00	36.55 3.49 0.00	41.89 3.95 -0.83	51.28 4.59 -4.33	52.69 4.94 -0.09	48.97 4.30 -1.92	47.34 4.22 0.00	42.48 3.76 0.00	42.88 3.47 -5.79	32.83 2.27 -7.11
HOLTSVILLE_IC_8 23697	38.60 3.56 -2.48	40.92 3.53 -4.23	38.50 3.24 -4.51	31.70 2.50 -5.81	37.43 2.30 -13.19	23.01 1.50 -6.52	32.22 2.06 -11.71	32.99 1.80 -15.38	39.83 3.49 -4.10	82.22 4.00 -42.54	50.62 3.53 -15.79	44.61 3.63 -8.06	34.74 3.34 -0.02	41.60 3.52 -4.00	35.77 3.33 0.00	36.55 3.49 0.00	41.89 3.95 -0.83	51.28 4.59 -4.33	52.69 4.94 -0.09	48.97 4.30 -1.92	47.34 4.22 0.00	42.48 3.76 0.00	42.88 3.47 -5.79	32.83 2.27 -7.11
HOLTSVILLE_IC_9 23698	38.60 3.56 -2.48	40.92 3.53 -4.23	38.50 3.24 -4.51	31.70 2.50 -5.81	37.43 2.30 -13.19	23.01 1.50 -6.52	32.22 2.06 -11.71	32.99 1.80 -15.38	39.83 3.49 -4.10	82.22 4.00 -42.54	50.62 3.53 -15.79	44.61 3.63 -8.06	34.74 3.34 -0.02	41.60 3.52 -4.00	35.77 3.33 0.00	36.55 3.49 0.00	41.89 3.95 -0.83	51.28 4.59 -4.33	52.69 4.94 -0.09	48.97 4.30 -1.92	47.34 4.22 0.00	42.48 3.76 0.00	42.88 3.47 -5.79	32.83 2.27 -7.11
HOMER_HL_115KV_TB2 355744	25.21 -2.74 4.61	26.69 -2.17 4.29	24.89 -2.20 3.66	16.68 -1.70 5.00	15.42 -1.54 4.98	10.53 -1.13 3.33	14.38 -1.40 2.67	12.71 -1.21 1.90	23.90 -2.62 5.73	26.91 -2.78 5.98	24.00 -2.63 4.67	26.13 -2.84 3.95	28.18 -2.92 0.28	30.02 -3.13 0.92	24.06 -3.19 5.19	25.32 -3.01 4.73	27.27 -3.54 6.30	31.22 -4.10 7.05	34.43 -4.87 8.36	30.93 -4.48 7.35	32.39 -4.03 6.70	28.93 -3.43 6.35	25.05 -2.74 5.83	17.67 -1.91 3.87
HOWARD_WT_PWR 323690	53.46 -2.24 -23.14	59.24 -2.09 -28.18	52.54 -2.25 -24.03	54.37 -1.87 -32.86	52.80 -1.88 -32.74	45.09 -1.40 -31.50	51.61 -1.70 -34.88	49.02 -1.50 -34.71	66.92 -3.01 -37.70	71.82 -3.25 -39.40	59.11 -2.91 -30.73	55.81 -3.11 -26.00	30.27 -2.94 -1.83	36.91 -3.26 -6.09	63.36 -3.22 -34.14	61.14 -3.04 -31.12	75.06 -3.54 -41.49	84.83 -3.94 -46.40	98.38 -4.36 -55.07	87.35 -3.81 -48.40	83.49 -3.75 -44.11	77.13 -3.42 -41.84	68.97 -3.03 -38.39	56.93 -2.20 -35.68
HQ_GEN_CEDARS 23644	32.37 -0.19 0.00	32.94 -0.20 0.00	30.59 -0.16 0.00	23.24 -0.14 0.00	21.79 -0.15 0.00	14.88 -0.11 0.00	18.27 -0.17 0.00	15.65 -0.17 0.00	31.99 -0.25 0.00	35.38 -0.29 0.00	30.95 -0.35 0.00	32.51 -0.41 0.00	31.06 -0.31 0.00	33.76 -0.32 0.00	32.11 -0.32 0.00	32.78 -0.27 0.00	36.73 -0.39 0.00	42.07 -0.30 0.00	47.32 -0.34 0.00	42.59 -0.16 0.00	42.98 -0.14 0.00	38.70 -0.03 0.00	33.57 -0.04 0.00	23.36 -0.09 0.00
HQ_GEN_CEDARS_PROXY 323590	32.37 -0.19 0.00	32.95 -0.21 0.00	30.59 -0.16 0.00	23.24 -0.14 0.00	21.79 -0.15 0.00	14.88 -0.11 0.00	18.27 -0.17 0.00	15.65 -0.17 0.00	31.99 -0.25 0.00	35.38 -0.30 0.00	30.95 -0.35 0.00	32.51 -0.41 0.00	31.06 -0.31 0.00	33.76 -0.31 0.00	32.11 -0.32 0.00	32.78 -0.28 0.00	36.73 -0.39 0.00	42.06 -0.30 0.00	47.33 -0.33 0.00	42.59 -0.17 0.00	42.98 -0.15 0.00	38.70 -0.03 0.00	33.57 -0.04 0.00	23.36 -0.09 0.00

HQ_GEN_CHPE_PROXY 323851	35.74 2.15 -1.03	36.16 2.05 -0.96	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.49 1.34 -11.71	32.40 1.21 -15.38	34.49 2.26 0.00	38.22 2.54 0.00	33.72 2.42 0.00	35.46 2.54 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.61 2.51 -0.04	39.92 2.81 0.00	45.53 3.17 0.00	51.14 3.48 0.00	45.61 2.85 0.00	47.62 2.97 -1.52	41.33 2.61 0.00	35.83 2.22 0.00	32.11 1.54 -7.11
HQ_GEN_IMPORT 323601	32.39 -0.17 0.00	33.94 -0.17 -0.96	30.61 -0.14 0.00	23.27 -0.11 0.00	21.82 -0.12 0.00	14.91 -0.09 0.00	18.33 -0.11 0.00	15.71 -0.10 0.00	32.12 -0.12 0.00	35.53 -0.14 0.00	31.14 -0.15 0.00	32.75 -0.17 0.00	31.24 -0.13 0.00	33.94 -0.14 0.00	32.30 -0.13 0.00	32.97 -0.12 -0.04	36.96 -0.15 0.00	42.22 -0.15 0.00	47.50 -0.16 0.00	42.65 -0.10 0.00	44.49 -0.15 -1.52	38.60 -0.12 0.00	33.51 -0.11 0.00	23.35 -0.09 0.00
HQ_GEN_WHEEL 23651	32.39 -0.17 0.00	33.94 -0.17 -0.96	30.61 -0.14 0.00	23.27 -0.11 0.00	21.82 -0.12 0.00	14.91 -0.09 0.00	18.33 -0.11 0.00	15.71 -0.10 0.00	32.12 -0.12 0.00	35.53 -0.14 0.00	31.14 -0.15 0.00	32.75 -0.17 0.00	31.24 -0.13 0.00	33.94 -0.14 0.00	32.30 -0.13 0.00	32.97 -0.12 -0.04	36.96 -0.15 0.00	42.22 -0.15 0.00	47.50 -0.16 0.00	42.65 -0.10 0.00	44.49 -0.15 -1.52	38.60 -0.12 0.00	33.51 -0.11 0.00	23.35 -0.09 0.00
HUDSON_AVE_GT_3 23810	35.80 2.21 -1.03	35.27 2.11 0.00	32.66 1.91 0.00	24.89 1.51 0.00	23.43 1.49 0.00	22.56 1.05 -6.52	31.53 1.37 -11.71	32.42 1.23 -15.38	34.58 2.34 0.00	38.31 2.64 0.00	33.79 2.50 0.00	35.55 2.63 0.00	33.90 2.52 0.00	36.74 2.66 0.00	34.98 2.56 0.00	35.65 2.60 0.00	40.03 2.92 0.00	45.65 3.28 0.00	51.28 3.62 0.00	45.74 2.98 0.00	46.20 3.07 0.00	41.41 2.69 0.00	35.91 2.30 0.00	32.16 1.60 -7.11
HUDSON_AVE_GT_4 23540	35.80 2.21 -1.03	35.27 2.11 0.00	32.66 1.91 0.00	24.89 1.51 0.00	23.43 1.49 0.00	22.56 1.05 -6.52	31.53 1.37 -11.71	32.42 1.23 -15.38	34.58 2.34 0.00	38.31 2.64 0.00	33.79 2.50 0.00	35.55 2.63 0.00	33.90 2.52 0.00	36.74 2.66 0.00	34.98 2.56 0.00	35.65 2.60 0.00	40.03 2.92 0.00	45.65 3.28 0.00	51.28 3.62 0.00	45.74 2.98 0.00	46.20 3.07 0.00	41.41 2.69 0.00	35.91 2.30 0.00	32.16 1.60 -7.11
HUDSON_AVE_GT_5 23657	35.80 2.21 -1.03	35.27 2.11 0.00	32.66 1.91 0.00	24.89 1.51 0.00	23.43 1.49 0.00	22.56 1.05 -6.52	31.53 1.37 -11.71	32.42 1.23 -15.38	34.58 2.34 0.00	38.31 2.64 0.00	33.79 2.50 0.00	35.55 2.63 0.00	33.90 2.52 0.00	36.74 2.66 0.00	34.98 2.56 0.00	35.65 2.60 0.00	40.03 2.92 0.00	45.65 3.28 0.00	51.28 3.62 0.00	45.74 2.98 0.00	46.20 3.07 0.00	41.41 2.69 0.00	35.91 2.30 0.00	32.16 1.60 -7.11
HUDSON_AVE_10 24168	35.63 2.05 -1.03	35.10 1.95 0.00	32.49 1.74 0.01	24.77 1.39 0.00	23.31 1.37 0.01	22.48 0.97 -6.52	31.43 1.27 -11.71	32.34 1.15 -15.37	34.41 2.18 0.01	29.60 2.43 8.51	33.60 2.31 0.00	35.33 2.41 0.00	33.69 2.31 0.00	36.52 2.43 0.00	34.77 2.34 0.00	35.46 2.41 0.00	39.81 2.70 0.00	45.40 3.04 0.00	51.02 3.36 0.00	45.49 2.73 0.00	45.98 2.85 0.00	41.22 2.50 0.00	35.74 2.13 0.00	32.04 1.48 -7.11
HUDSON___115KV_TB 4 355613	35.27 1.55 -1.16	34.64 1.49 0.00	32.14 1.39 0.00	24.47 1.08 0.00	22.96 1.02 0.00	23.01 0.69 -7.33	32.44 0.82 -13.18	33.75 0.67 -17.26	33.53 1.29 0.00	37.05 1.37 0.00	32.54 1.25 0.00	34.30 1.38 0.00	32.60 1.22 0.00	35.50 1.42 0.00	33.77 1.35 0.00	34.46 1.40 0.00	38.81 1.69 0.00	44.28 1.91 0.00	49.86 2.19 0.00	44.75 1.99 0.00	45.20 2.08 0.00	40.57 1.85 0.00	35.15 1.54 0.00	32.51 1.08 -7.98
HUNTER MOUNT___DRP 323613	35.34 1.64 -1.14	34.73 1.58 0.00	32.23 1.48 0.00	24.52 1.14 0.00	23.01 1.07 0.00	22.93 0.72 -7.21	32.26 0.86 -12.96	33.50 0.70 -16.98	33.63 1.39 0.00	37.18 1.51 0.00	32.65 1.35 0.00	34.42 1.50 0.00	32.71 1.34 0.00	35.63 1.55 0.00	33.90 1.47 0.00	34.59 1.53 0.00	38.96 1.85 0.00	44.47 2.11 0.00	50.08 2.42 0.00	44.93 2.17 0.00	45.39 2.27 0.00	40.74 2.02 0.00	35.27 1.66 0.00	32.45 1.15 -7.85
HUNTINGTON_RES_REC 323705	38.17 3.14 -2.48	40.48 3.09 -4.23	38.10 2.84 -4.51	31.40 2.21 -5.81	37.17 2.04 -13.19	22.86 1.35 -6.52	32.03 1.87 -11.71	32.84 1.64 -15.38	39.48 3.14 -4.10	81.80 3.59 -42.54	50.30 3.22 -15.79	44.31 3.33 -8.06	34.50 3.11 -0.02	41.35 3.27 -4.00	35.54 3.11 0.00	36.30 3.25 0.00	41.59 3.64 -0.83	50.85 4.16 -4.33	52.21 4.46 -0.09	48.56 3.89 -1.92	46.99 3.87 0.00	42.20 3.48 0.00	42.61 3.20 -5.79	32.65 2.09 -7.11
HUNTLEY___63 23557	20.44 -2.82 9.30	20.93 -2.33 9.89	20.12 -2.20 8.43	10.17 -1.68 11.53	8.95 -1.51 11.48	4.39 -1.11 9.49	7.63 -1.39 9.43	6.02 -1.22 8.57	16.34 -2.69 13.21	18.89 -2.97 13.80	17.83 -2.70 10.77	20.87 -2.94 9.11	27.83 -2.91 0.64	28.80 -3.14 2.13	17.34 -3.13 11.96	19.17 -2.98 10.90	19.06 -3.51 14.54	21.96 -4.15 16.26	23.39 -4.98 19.30	21.55 -4.25 16.96	23.87 -3.80 15.45	20.96 -3.10 14.66	17.88 -2.28 13.45	11.00 -1.59 10.86
HUNTLEY___64 23558	20.44 -2.82 9.30	20.93 -2.33 9.89	20.12 -2.20 8.43	10.17 -1.68 11.53	8.95 -1.51 11.48	4.39 -1.11 9.49	7.63 -1.39 9.43	6.02 -1.22 8.57	16.34 -2.69 13.21	18.89 -2.97 13.80	17.83 -2.70 10.77	20.87 -2.94 9.11	27.83 -2.91 0.64	28.80 -3.14 2.13	17.34 -3.13 11.96	19.17 -2.98 10.90	19.06 -3.51 14.54	21.96 -4.15 16.26	23.39 -4.98 19.30	21.55 -4.25 16.96	23.87 -3.80 15.45	20.96 -3.10 14.66	17.88 -2.28 13.45	11.00 -1.59 10.86
HUNTLEY___65 23559	20.44 -2.82 9.30	20.93 -2.33 9.89	20.12 -2.20 8.43	10.17 -1.68 11.53	8.95 -1.51 11.48	4.39 -1.11 9.49	7.63 -1.39 9.43	6.02 -1.22 8.57	16.34 -2.69 13.21	18.89 -2.97 13.80	17.83 -2.70 10.77	20.87 -2.94 9.11	27.83 -2.91 0.64	28.80 -3.14 2.13	17.34 -3.13 11.96	19.17 -2.98 10.90	19.06 -3.51 14.54	21.96 -4.15 16.26	23.39 -4.98 19.30	21.55 -4.25 16.96	23.87 -3.80 15.45	20.96 -3.10 14.66	17.88 -2.28 13.45	11.00 -1.59 10.86
HUNTLEY___66 23560	20.44 -2.82 9.30	20.93 -2.33 9.89	20.12 -2.20 8.43	10.17 -1.68 11.53	8.95 -1.51 11.48	4.39 -1.11 9.49	7.63 -1.39 9.43	6.02 -1.22 8.57	16.34 -2.69 13.21	18.89 -2.97 13.80	17.83 -2.70 10.77	20.87 -2.94 9.11	27.83 -2.91 0.64	28.80 -3.14 2.13	17.34 -3.13 11.96	19.17 -2.98 10.90	19.06 -3.51 14.54	21.96 -4.15 16.26	23.39 -4.98 19.30	21.55 -4.25 16.96	23.87 -3.80 15.45	20.96 -3.10 14.66	17.88 -2.28 13.45	11.00 -1.59 10.86
HUNTLEY___67 23561	19.36 -3.14 10.06	19.74 -2.67 10.74	19.10 -2.50 9.16	8.94 -1.92 12.52	7.74 -1.73 12.47	3.34 -1.27 10.39	6.48 -1.58 10.39	4.92 -1.39 9.50	14.86 -3.04 14.34	17.33 -3.35 14.99	16.53 -3.07 11.69	19.70 -3.32 9.90	27.46 -3.22 0.69	28.26 -3.50 2.32	15.92 -3.52 12.99	17.82 -3.39 11.84	17.37 -3.95 15.79	20.07 -4.64 17.66	21.18 -5.52 20.96	19.58 -4.76 18.42	22.03 -4.30 16.78	19.25 -3.55 15.92	16.30 -2.70 14.61	9.69 -1.87 11.88

HUNTLEY___68 23562	19.36 -3.14 10.06	19.74 -2.67 10.74	19.10 -2.50 9.16	8.94 -1.92 12.52	7.74 -1.73 12.47	3.34 -1.27 10.39	6.48 -1.58 10.39	4.92 -1.39 9.50	14.86 -3.04 14.34	17.33 -3.35 14.99	16.53 -3.07 11.69	19.70 -3.32 9.90	27.46 -3.22 0.69	28.26 -3.50 2.32	15.92 -3.52 12.99	17.82 -3.39 11.84	17.37 -3.95 15.79	20.07 -4.64 17.66	21.18 -5.52 20.96	19.58 -4.76 18.42	22.03 -4.30 16.78	19.25 -3.55 15.92	16.30 -2.70 14.61	9.69 -1.87 11.88
HYLAND___LFGE 323620	58.65 -0.37 -26.47	64.50 -0.15 -31.50	57.29 -0.32 -26.86	59.79 -0.31 -36.73	58.28 -0.25 -36.59	49.54 -0.23 -34.78	56.40 -0.26 -38.22	53.44 -0.19 -37.81	73.96 -0.41 -42.12	79.35 -0.34 -44.03	65.25 -0.38 -34.33	61.50 -0.48 -29.06	32.99 -0.43 -2.04	40.11 -0.78 -6.80	69.73 -0.86 -38.16	67.16 -0.67 -34.78	82.68 -0.80 -46.36	93.63 -0.58 -51.85	108.50 -0.70 -61.54	96.48 -0.37 -54.09	92.48 0.07 -49.29	85.55 0.08 -46.75	76.55 0.04 -42.90	62.75 -0.13 -39.43
INDECK___CORINTH 23802	36.01 2.24 -1.22	35.34 2.19 0.00	32.81 2.06 0.00	24.99 1.60 0.00	23.39 1.45 0.00	23.70 1.04 -7.67	33.56 1.31 -13.81	34.95 1.07 -18.06	34.27 2.03 0.00	37.68 2.00 0.00	32.86 1.57 0.00	34.70 1.78 0.00	32.89 1.51 0.00	35.67 1.59 0.00	33.87 1.44 0.00	34.63 1.58 0.00	39.34 2.22 0.00	44.94 2.58 0.00	50.93 3.26 0.00	45.74 2.98 0.00	46.22 3.10 0.00	41.42 2.70 0.00	35.91 2.30 0.00	33.33 1.53 -8.35
INDECK___ILION 23567	34.75 2.19 0.00	35.25 2.10 0.00	32.64 1.89 0.00	24.83 1.45 0.00	23.21 1.26 0.00	15.86 0.86 0.00	19.48 1.04 0.00	16.50 0.68 0.00	33.35 1.11 0.00	36.82 1.15 0.00	32.31 1.01 0.00	33.95 1.03 0.00	32.17 0.79 0.00	34.98 0.90 0.00	33.50 1.07 0.00	34.11 1.06 0.00	38.72 1.61 0.00	44.11 1.75 0.00	49.96 2.30 0.00	44.83 2.07 0.00	45.42 2.29 0.00	40.54 1.82 0.00	35.35 1.74 0.00	24.55 1.11 0.00
INDECK___OLEAN 23982	25.20 -2.75 4.61	26.73 -2.13 4.29	24.90 -2.20 3.66	16.69 -1.69 5.00	15.42 -1.53 4.98	10.54 -1.13 3.33	14.37 -1.40 2.67	12.70 -1.21 1.90	23.95 -2.56 5.73	26.97 -2.72 5.98	24.04 -2.59 4.67	26.16 -2.81 3.95	28.19 -2.92 0.28	30.05 -3.10 0.92	24.10 -3.14 5.19	25.40 -2.93 4.73	27.37 -3.44 6.30	31.32 -4.00 7.05	34.54 -4.76 8.36	31.02 -4.39 7.35	32.45 -3.98 6.70	28.97 -3.40 6.35	25.08 -2.70 5.83	17.67 -1.91 3.87
INDECK___OSWEGO 23783	31.87 -0.78 -0.09	32.38 -0.77 0.00	30.01 -0.74 0.00	22.81 -0.57 0.00	21.42 -0.52 0.00	15.18 -0.37 -0.55	18.99 -0.45 -1.00	16.72 -0.38 -1.28	31.44 -0.80 0.00	34.84 -0.83 0.00	30.55 -0.75 0.00	32.11 -0.81 0.00	30.64 -0.73 0.00	33.22 -0.86 0.00	31.62 -0.81 0.00	32.21 -0.84 0.00	36.15 -0.97 0.00	41.23 -1.14 0.00	46.39 -1.27 0.00	41.62 -1.14 0.00	42.04 -1.09 0.00	37.72 -1.00 0.00	32.76 -0.85 0.00	23.46 -0.57 -0.59
INDECK___YERKES 23781	20.48 -2.77 9.30	21.02 -2.24 9.89	20.16 -2.16 8.43	10.21 -1.65 11.53	8.98 -1.48 11.48	4.41 -1.10 9.49	7.64 -1.38 9.43	6.03 -1.21 8.57	16.48 -2.55 13.21	19.04 -2.83 13.80	17.93 -2.60 10.77	20.96 -2.85 9.11	27.87 -2.87 0.64	28.87 -3.08 2.13	17.45 -3.02 11.96	19.31 -2.84 10.90	19.27 -3.30 14.54	22.18 -3.93 16.26	23.64 -4.73 19.30	21.78 -4.02 16.96	24.01 -3.66 15.45	21.09 -2.97 14.66	17.99 -2.17 13.45	11.03 -1.55 10.86
INDIAN POINT_GT_1 24139	35.61 2.03 -1.03	35.07 1.92 0.00	32.47 1.72 0.00	24.72 1.34 0.00	23.26 1.32 0.00	22.41 0.93 -6.49	31.32 1.23 -11.66	32.22 1.10 -15.30	34.32 2.08 0.00	38.04 2.36 0.00	33.55 2.25 0.00	35.30 2.38 0.00	33.65 2.27 0.00	36.48 2.40 0.00	34.75 2.32 0.00	35.41 2.36 0.00	39.77 2.66 0.00	45.37 3.00 0.00	50.99 3.32 0.00	45.48 2.71 0.00	45.96 2.83 0.00	41.20 2.48 0.00	35.73 2.11 0.00	31.99 1.46 -7.08
INDIAN POINT_GT_2 23659	35.61 2.03 -1.03	35.07 1.92 0.00	32.47 1.72 0.00	24.72 1.34 0.00	23.26 1.32 0.00	22.41 0.93 -6.49	31.32 1.23 -11.66	32.22 1.10 -15.30	34.32 2.08 0.00	38.04 2.36 0.00	33.55 2.25 0.00	35.30 2.38 0.00	33.65 2.27 0.00	36.48 2.40 0.00	34.75 2.32 0.00	35.41 2.36 0.00	39.77 2.66 0.00	45.37 3.00 0.00	50.99 3.32 0.00	45.48 2.71 0.00	45.96 2.83 0.00	41.20 2.48 0.00	35.73 2.11 0.00	31.99 1.46 -7.08
INDIAN POINT_GT_3 24019	35.61 2.03 -1.03	35.07 1.92 0.00	32.47 1.72 0.00	24.72 1.34 0.00	23.26 1.32 0.00	22.41 0.93 -6.49	31.32 1.23 -11.66	32.22 1.10 -15.30	34.32 2.08 0.00	38.04 2.36 0.00	33.55 2.25 0.00	35.30 2.38 0.00	33.65 2.27 0.00	36.48 2.40 0.00	34.75 2.32 0.00	35.41 2.36 0.00	39.77 2.66 0.00	45.37 3.00 0.00	50.99 3.32 0.00	45.48 2.71 0.00	45.96 2.83 0.00	41.20 2.48 0.00	35.73 2.11 0.00	31.99 1.46 -7.08
INDIAN POINT___2 23530	35.60 2.03 -1.02	35.06 1.91 0.00	32.46 1.71 0.00	24.72 1.34 0.00	23.26 1.32 0.00	22.36 0.93 -6.44	31.23 1.23 -11.57	32.10 1.10 -15.18	34.30 2.06 0.00	38.03 2.36 0.00	33.54 2.24 0.00	35.29 2.36 0.00	33.65 2.27 0.00	36.47 2.39 0.00	34.73 2.30 0.00	35.40 2.35 0.00	39.75 2.64 0.00	45.36 2.99 0.00	50.95 3.29 0.00	45.44 2.68 0.00	45.93 2.81 0.00	41.17 2.45 0.00	35.70 2.09 0.00	31.93 1.45 -7.03
INDIAN POINT___3 23531	35.60 2.02 -1.03	35.06 1.91 0.00	32.46 1.71 0.00	24.72 1.34 0.00	23.26 1.32 0.00	22.41 0.93 -6.49	31.32 1.22 -11.66	32.22 1.10 -15.30	34.31 2.07 0.00	38.03 2.35 0.00	33.53 2.24 0.00	35.28 2.36 0.00	33.64 2.26 0.00	36.47 2.39 0.00	34.73 2.30 0.00	35.39 2.34 0.00	39.75 2.64 0.00	45.35 2.99 0.00	50.96 3.30 0.00	45.45 2.69 0.00	45.93 2.81 0.00	41.17 2.45 0.00	35.71 2.10 0.00	31.99 1.45 -7.08
INDIANHDD_69_KV_BK1 55831	38.32 3.29 -2.48	40.64 3.25 -4.23	38.24 2.98 -4.51	31.50 2.30 -5.81	37.26 2.13 -13.19	22.91 1.40 -6.52	32.09 1.93 -11.71	32.89 1.70 -15.38	39.63 3.29 -4.10	81.98 3.76 -42.54	50.44 3.35 -15.79	44.45 3.47 -8.06	34.61 3.22 -0.02	41.47 3.39 -4.00	35.66 3.23 0.00	36.43 3.37 0.00	41.75 3.80 -0.83	51.05 4.35 -4.33	52.50 4.75 -0.09	48.76 4.09 -1.92	47.16 4.04 0.00	42.34 3.62 0.00	42.73 3.32 -5.79	32.73 2.16 -7.11
INGHAM_C_115KV_TB7 356103	34.75 2.19 0.00	35.25 2.10 0.00	32.64 1.89 0.00	24.83 1.45 0.00	23.21 1.26 0.00	15.86 0.86 0.00	19.48 1.04 0.00	16.50 0.68 0.00	33.35 1.11 0.00	36.82 1.15 0.00	32.31 1.01 0.00	33.95 1.03 0.00	32.17 0.79 0.00	34.98 0.90 0.00	33.50 1.07 0.00	34.11 1.06 0.00	38.72 1.61 0.00	44.11 1.75 0.00	49.96 2.30 0.00	44.83 2.07 0.00	45.42 2.29 0.00	40.54 1.82 0.00	35.35 1.74 0.00	24.55 1.11 0.00
IP CORINTH___1 23988	36.02 2.24 -1.22	35.34 2.19 0.00	32.81 2.06 0.00	24.99 1.60 0.00	23.39 1.45 0.00	23.69 1.04 -7.67	33.56 1.31 -13.81	34.95 1.07 -18.06	34.27 2.03 0.00	37.68 2.00 0.00	32.86 1.57 0.00	34.70 1.78 0.00	32.89 1.51 0.00	35.66 1.59 0.00	33.87 1.44 0.00	34.64 1.59 0.00	39.34 2.22 0.00	44.94 2.58 0.00	50.93 3.26 0.00	45.74 2.98 0.00	46.22 3.09 0.00	41.42 2.70 0.00	35.91 2.30 0.00	33.33 1.53 -8.35

IP___TICONDEROGA 23804	37.43 3.66 -1.21	36.63 3.48 0.00	34.13 3.38 0.00	26.07 2.69 0.00	24.28 2.34 0.00	24.38 1.73 -7.66	34.44 2.21 -13.80	35.59 1.73 -18.04	35.33 3.09 0.00	38.61 2.94 0.00	33.59 2.30 0.00	35.79 2.87 0.00	33.85 2.47 0.00	36.95 2.88 0.00	34.87 2.44 0.00	35.68 2.62 0.00	40.71 3.60 0.00	46.51 4.14 0.00	53.10 5.44 0.00	47.84 5.08 0.00	48.25 5.13 0.00	43.19 4.46 0.00	37.48 3.87 0.00	34.29 2.50 -8.34
ISLIP_RES_REC 323679	38.69 3.66 -2.48	41.01 3.62 -4.23	38.59 3.33 -4.51	31.75 2.56 -5.81	37.49 2.36 -13.19	23.05 1.54 -6.52	32.27 2.11 -11.71	33.04 1.85 -15.38	39.93 3.59 -4.10	82.33 4.12 -42.54	50.73 3.64 -15.79	44.72 3.74 -8.06	34.84 3.45 -0.02	41.72 3.64 -4.00	35.87 3.43 0.00	36.67 3.61 0.00	42.02 4.08 -0.83	51.45 4.75 -4.33	52.86 5.11 -0.09	49.13 4.46 -1.92	47.50 4.37 0.00	42.62 3.90 0.00	42.99 3.58 -5.79	32.90 2.34 -7.11
JAMAICA__27_KV_LOAD 355505	35.68 2.10 -1.03	35.16 2.01 0.00	32.63 1.89 0.01	24.88 1.50 0.00	23.42 1.48 0.01	22.55 1.04 -6.52	31.52 1.36 -11.71	32.41 1.23 -15.37	34.57 2.33 0.01	29.76 2.59 8.51	33.71 2.41 0.00	35.43 2.51 0.00	33.79 2.41 0.00	36.62 2.54 0.00	34.87 2.44 0.00	35.59 2.54 0.00	39.97 2.85 0.00	45.58 3.21 0.00	51.25 3.58 0.00	45.69 2.94 0.00	46.21 3.09 0.00	41.44 2.72 0.00	35.95 2.34 0.00	32.19 1.63 -7.11
JANIS___SOLAR 323808	35.57 0.76 -2.26	36.21 0.86 -2.20	33.36 0.73 -1.88	26.46 0.51 -2.57	24.96 0.45 -2.56	19.77 0.31 -4.47	25.15 0.37 -6.34	23.16 0.26 -7.08	35.79 0.50 -3.05	39.42 0.56 -3.19	34.13 0.34 -2.49	35.17 0.14 -2.10	31.62 0.10 -0.15	34.70 0.12 -0.49	35.40 0.21 -2.76	35.99 0.42 -2.52	40.74 0.27 -3.36	46.54 0.42 -3.76	52.84 0.72 -4.46	47.49 0.81 -3.92	47.46 0.76 -3.57	42.67 0.57 -3.39	37.13 0.41 -3.11	28.44 0.20 -4.80
JARVIS____ 23743	32.75 0.20 0.00	33.35 0.20 0.00	30.94 0.19 0.00	23.52 0.14 0.00	22.08 0.13 0.00	15.08 0.09 0.00	18.55 0.11 0.00	15.91 0.10 0.00	32.40 0.16 0.00	35.85 0.18 0.00	31.47 0.17 0.00	33.11 0.18 0.00	31.54 0.16 0.00	34.25 0.17 0.00	32.60 0.17 0.00	33.22 0.17 0.00	37.30 0.19 0.00	42.58 0.21 0.00	47.90 0.24 0.00	42.95 0.19 0.00	43.34 0.22 0.00	38.91 0.19 0.00	33.78 0.17 0.00	23.57 0.12 0.00
JENNISON___1 23625	34.42 0.96 -0.90	34.15 1.00 0.00	31.64 0.88 0.00	24.03 0.65 0.00	22.57 0.62 0.00	18.36 0.42 -2.94	24.20 0.47 -5.29	23.05 0.13 -7.11	34.02 0.09 -1.69	37.50 0.06 -1.76	32.64 -0.03 -1.38	33.92 -0.16 -1.17	31.30 -0.17 -0.08	34.18 -0.17 -0.27	33.80 -0.16 -1.53	34.42 -0.03 -1.40	38.88 -0.09 -1.86	44.41 -0.03 -2.08	50.25 0.12 -2.47	45.07 0.15 -2.17	45.23 0.12 -1.98	40.58 -0.02 -1.87	35.23 -0.10 -1.72	27.45 -0.16 -4.17
JENNISON___2 23626	34.42 0.96 -0.90	34.15 1.00 0.00	31.64 0.88 0.00	24.03 0.65 0.00	22.57 0.62 0.00	18.36 0.42 -2.94	24.20 0.47 -5.29	23.05 0.13 -7.11	34.02 0.09 -1.69	37.50 0.06 -1.76	32.64 -0.03 -1.38	33.92 -0.16 -1.17	31.30 -0.17 -0.08	34.18 -0.17 -0.27	33.80 -0.16 -1.53	34.42 -0.03 -1.40	38.88 -0.09 -1.86	44.41 -0.03 -2.08	50.25 0.12 -2.47	45.07 0.15 -2.17	45.23 0.12 -1.98	40.58 -0.02 -1.87	35.23 -0.10 -1.72	27.45 -0.16 -4.17
JERICHO_RISE_WT_PWR 323719	32.37 -0.19 0.00	32.96 -0.19 0.00	30.61 -0.14 0.00	23.26 -0.12 0.00	21.79 -0.15 0.00	14.87 -0.13 0.00	18.24 -0.20 0.00	15.61 -0.21 0.00	31.95 -0.30 0.00	35.32 -0.35 0.00	30.88 -0.41 0.00	32.41 -0.52 0.00	30.92 -0.46 0.00	33.67 -0.41 0.00	32.08 -0.34 0.00	32.74 -0.31 0.00	36.71 -0.41 0.00	42.02 -0.34 0.00	47.35 -0.31 0.00	42.55 -0.21 0.00	42.93 -0.19 0.00	38.64 -0.08 0.00	33.54 -0.07 0.00	23.31 -0.13 0.00
KATONAH___115KV_46KV_TB4 355592	35.68 2.08 -1.04	35.13 1.98 0.00	32.54 1.79 0.00	24.77 1.39 0.00	23.30 1.36 0.00	22.53 0.96 -6.58	31.53 1.26 -11.82	32.47 1.14 -15.52	34.40 2.16 0.00	38.12 2.45 0.00	33.64 2.34 0.00	35.40 2.47 0.00	33.74 2.36 0.00	36.58 2.50 0.00	34.82 2.39 0.00	35.48 2.43 0.00	39.87 2.76 0.00	45.49 3.12 0.00	51.13 3.47 0.00	45.64 2.88 0.00	46.10 2.98 0.00	41.33 2.61 0.00	35.83 2.21 0.00	32.16 1.53 -7.18
KCE_NY_1 323755	35.61 1.84 -1.21	34.99 1.84 0.00	32.43 1.68 0.00	24.67 1.29 0.00	23.13 1.19 0.00	23.48 0.84 -7.65	33.26 1.04 -13.78	34.71 0.87 -18.03	33.84 1.60 0.00	37.34 1.67 0.00	32.73 1.43 0.00	34.49 1.57 0.00	32.78 1.40 0.00	35.61 1.53 0.00	33.87 1.44 0.00	34.55 1.49 0.00	39.05 1.93 0.00	44.61 2.24 0.00	50.31 2.65 0.00	45.16 2.39 0.00	45.62 2.50 0.00	40.89 2.17 0.00	35.47 1.85 0.00	33.06 1.28 -8.33
KCE_NY_6_ESR 323823	18.51 -2.84 11.20	18.86 -2.32 11.97	18.29 -2.26 10.21	7.67 -1.75 13.96	6.46 -1.58 13.91	2.17 -1.18 11.65	5.25 -1.48 11.70	3.75 -1.31 10.75	13.48 -2.76 16.00	15.96 -2.99 16.72	15.50 -2.76 13.04	18.89 -3.00 11.03	27.63 -2.97 0.77	28.31 -3.19 2.58	14.76 -3.18 14.49	16.85 -2.99 13.21	16.01 -3.50 17.61	18.55 -4.12 19.69	19.38 -4.91 23.37	17.94 -4.28 20.54	20.47 -3.94 18.71	17.78 -3.19 17.75	14.89 -2.43 16.29	8.40 -1.73 13.32
KEDC_PORT_JEFF_GT2 24210	38.55 3.51 -2.48	40.86 3.48 -4.23	38.46 3.19 -4.51	31.66 2.47 -5.81	37.40 2.27 -13.19	22.99 1.48 -6.52	32.20 2.04 -11.71	32.98 1.78 -15.38	39.78 3.45 -4.10	82.16 3.95 -42.54	50.58 3.49 -15.79	44.57 3.59 -8.06	34.71 3.31 -0.02	41.57 3.49 -4.00	35.73 3.30 0.00	36.51 3.46 0.00	41.84 3.89 -0.83	51.23 4.53 -4.33	52.63 4.88 -0.09	48.92 4.25 -1.92	47.29 4.17 0.00	42.44 3.72 0.00	42.83 3.43 -5.79	32.80 2.24 -7.11
KEDC_PORT_JEFF_GT3 24211	38.55 3.51 -2.48	40.86 3.48 -4.23	38.46 3.19 -4.51	31.66 2.47 -5.81	37.40 2.27 -13.19	22.99 1.48 -6.52	32.20 2.04 -11.71	32.98 1.78 -15.38	39.78 3.45 -4.10	82.16 3.95 -42.54	50.58 3.49 -15.79	44.57 3.59 -8.06	34.71 3.31 -0.02	41.57 3.49 -4.00	35.73 3.30 0.00	36.51 3.46 0.00	41.84 3.89 -0.83	51.23 4.53 -4.33	52.63 4.88 -0.09	48.92 4.25 -1.92	47.29 4.17 0.00	42.44 3.72 0.00	42.83 3.43 -5.79	32.80 2.24 -7.11
KEDC_GLWD_GT4 24219	37.60 2.57 -2.48	39.87 2.49 -4.23	37.52 2.26 -4.51	30.95 1.76 -5.81	36.83 1.69 -13.19	22.67 1.16 -6.52	31.72 1.56 -11.71	32.58 1.39 -15.38	38.99 2.65 -4.10	81.22 3.00 -42.54	49.91 2.82 -15.79	43.94 2.96 -8.06	34.22 2.82 -0.02	41.09 3.01 -4.00	35.30 2.86 0.00	35.98 2.93 0.00	41.22 3.27 -0.83	50.39 3.69 -4.33	51.81 4.06 -0.09	48.08 3.41 -1.92	46.60 3.47 0.00	41.81 3.09 0.00	42.11 2.70 -5.79	32.40 1.83 -7.11
KEDC_GLWD_GT5 24220	37.60 2.57 -2.48	39.87 2.49 -4.23	37.52 2.26 -4.51	30.95 1.76 -5.81	36.83 1.69 -13.19	22.67 1.16 -6.52	31.72 1.56 -11.71	32.58 1.39 -15.38	38.99 2.65 -4.10	81.22 3.00 -42.54	49.91 2.82 -15.79	43.94 2.96 -8.06	34.22 2.82 -0.02	41.09 3.01 -4.00	35.30 2.86 0.00	35.98 2.93 0.00	41.22 3.27 -0.83	50.39 3.69 -4.33	51.81 4.06 -0.09	48.08 3.41 -1.92	46.60 3.47 0.00	41.81 3.09 0.00	42.11 2.70 -5.79	32.40 1.83 -7.11

KENSICO____ 23655	35.69 2.10 -1.03	35.15 2.00 0.00	32.55 1.80 0.00	24.79 1.41 0.00	23.32 1.38 0.00	22.48 0.97 -6.51	31.42 1.28 -11.71	32.33 1.15 -15.36	34.41 2.17 0.00	38.13 2.46 0.00	33.63 2.34 0.00	35.39 2.47 0.00	33.74 2.36 0.00	36.58 2.50 0.00	34.83 2.40 0.00	35.50 2.44 0.00	39.86 2.75 0.00	45.48 3.11 0.00	51.10 3.44 0.00	45.59 2.83 0.00	46.06 2.94 0.00	41.29 2.57 0.00	35.81 2.20 0.00	32.08 1.52 -7.11
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.77 2.22 -1.00	35.26 2.11 0.00	32.63 1.88 0.00	24.84 1.46 0.00	23.37 1.42 0.00	22.30 1.01 -6.29	31.07 1.33 -11.31	32.00 1.18 -15.01	34.52 2.28 0.00	38.28 2.61 0.00	33.77 2.48 0.00	35.52 2.60 0.00	33.86 2.48 0.00	36.74 2.66 0.00	34.97 2.54 0.00	35.65 2.60 0.00	40.05 2.94 0.00	45.74 3.37 0.00	51.46 3.79 0.00	45.92 3.17 0.00	46.43 3.30 0.00	41.60 2.88 0.00	36.04 2.42 0.00	32.07 1.64 -6.97
KIAC_JFK_GT1 23816	35.53 1.94 -1.03	35.00 1.85 0.00	32.47 1.73 0.01	24.76 1.38 0.00	23.30 1.36 0.01	22.48 0.96 -6.52	31.42 1.27 -11.71	32.34 1.15 -15.37	34.41 2.17 0.01	29.58 2.41 8.51	33.55 2.25 0.00	35.26 2.34 0.00	33.63 2.25 0.00	36.43 2.36 0.00	34.70 2.27 0.00	35.43 2.38 0.00	39.77 2.66 0.00	45.36 2.99 0.00	50.98 3.32 0.00	45.47 2.71 0.00	45.97 2.85 0.00	41.23 2.51 0.00	35.77 2.16 0.00	32.07 1.50 -7.11
KIAC_JFK_GT2 23817	35.53 1.94 -1.03	35.00 1.85 0.00	32.47 1.73 0.01	24.76 1.38 0.00	23.30 1.36 0.01	22.48 0.96 -6.52	31.42 1.27 -11.71	32.34 1.15 -15.37	34.41 2.17 0.01	29.58 2.41 8.51	33.55 2.25 0.00	35.26 2.34 0.00	33.63 2.25 0.00	36.43 2.36 0.00	34.70 2.27 0.00	35.43 2.38 0.00	39.77 2.66 0.00	45.36 2.99 0.00	50.98 3.32 0.00	45.47 2.71 0.00	45.97 2.85 0.00	41.23 2.51 0.00	35.77 2.16 0.00	32.07 1.50 -7.11
KIAC_JFK____ 323774	35.52 1.93 -1.03	34.99 1.84 0.00	32.47 1.73 0.01	24.76 1.38 0.00	23.30 1.36 0.01	22.48 0.96 -6.52	31.43 1.27 -11.71	32.34 1.15 -15.37	34.39 2.16 0.01	29.56 2.39 8.51	33.54 2.24 0.00	35.25 2.33 0.00	33.63 2.25 0.00	36.43 2.36 0.00	34.69 2.26 0.00	35.41 2.36 0.00	39.75 2.63 0.00	45.35 2.98 0.00	50.97 3.30 0.00	45.46 2.70 0.00	45.97 2.85 0.00	41.22 2.50 0.00	35.76 2.15 0.00	32.06 1.50 -7.11
KINTIGH_24_KV_GSU 356498	23.74 -2.65 6.17	24.46 -2.23 6.46	23.14 -2.10 5.51	14.23 -1.62 7.54	12.98 -1.45 7.51	8.00 -1.06 5.94	11.42 -1.33 5.69	9.65 -1.16 5.01	21.17 -2.44 8.63	23.94 -2.71 9.02	21.74 -2.52 7.04	24.21 -2.75 5.96	28.28 -2.68 0.42	29.79 -2.89 1.40	21.70 -2.91 7.82	23.15 -2.77 7.13	24.43 -3.18 9.50	27.99 -3.75 10.62	30.55 -4.50 12.61	27.79 -3.89 11.08	29.48 -3.54 10.10	26.20 -2.94 9.58	22.57 -2.26 8.79	15.04 -1.59 6.82
KINTIGH____ 23543	23.69 -2.69 6.17	24.39 -2.30 6.46	23.11 -2.13 5.51	14.20 -1.64 7.54	12.96 -1.48 7.51	7.98 -1.07 5.94	11.41 -1.34 5.69	9.64 -1.17 5.01	21.05 -2.55 8.63	23.82 -2.83 9.02	21.66 -2.60 7.04	24.15 -2.82 5.96	28.26 -2.70 0.42	29.75 -2.94 1.40	21.62 -3.00 7.82	23.04 -2.89 7.13	24.26 -3.36 9.50	27.82 -3.92 10.62	30.34 -4.71 12.61	27.61 -4.06 11.08	29.36 -3.66 10.10	26.10 -3.04 9.58	22.48 -2.34 8.79	15.02 -1.61 6.82
KNTFSRNC_46_KV_46KV_LOAD 80397	33.04 0.48 0.00	33.64 0.49 0.00	31.26 0.50 0.00	23.75 0.37 0.00	22.20 0.26 0.00	15.16 0.16 0.00	18.63 0.19 0.00	15.90 0.08 0.00	32.39 0.15 0.00	35.78 0.10 0.00	31.31 0.01 0.00	32.74 -0.18 0.00	31.18 -0.20 0.00	33.97 -0.11 0.00	32.36 -0.07 0.00	33.05 -0.01 0.00	37.11 -0.01 0.00	42.48 0.12 0.00	47.90 0.23 0.00	43.09 0.33 0.00	43.52 0.39 0.00	39.17 0.45 0.00	34.00 0.39 0.00	23.56 0.11 0.00
LACHUTE____HYDRO 323717	37.42 3.65 -1.21	36.63 3.48 0.00	34.13 3.38 0.00	26.08 2.69 0.00	24.28 2.34 0.00	24.38 1.73 -7.66	34.44 2.21 -13.80	35.59 1.73 -18.04	35.33 3.09 0.00	38.61 2.93 0.00	33.60 2.30 0.00	35.80 2.87 0.00	33.85 2.47 0.00	36.95 2.88 0.00	34.88 2.44 0.00	35.67 2.62 0.00	40.71 3.60 0.00	46.51 4.14 0.00	53.09 5.43 0.00	47.84 5.08 0.00	48.25 5.12 0.00	43.18 4.46 0.00	37.49 3.87 0.00	34.29 2.50 -8.34
LAWRNCV_115KV_TB1 80681	32.18 -0.39 -0.02	32.71 -0.44 0.00	30.36 -0.39 0.00	23.07 -0.32 0.00	21.63 -0.32 0.00	14.86 -0.23 -0.09	18.29 -0.32 -0.17	15.72 -0.31 -0.22	31.70 -0.54 0.00	35.07 -0.60 0.00	30.64 -0.66 0.00	32.14 -0.78 0.00	30.75 -0.63 0.00	33.37 -0.71 0.00	31.75 -0.68 0.00	32.42 -0.64 0.00	36.23 -0.88 0.00	41.56 -0.81 0.00	46.85 -0.82 0.00	42.19 -0.57 0.00	42.59 -0.54 0.00	38.41 -0.31 0.00	33.31 -0.30 0.00	23.25 -0.30 -0.10
LEDERLE____ 23769	35.79 2.22 -1.02	35.25 2.10 0.00	32.62 1.87 0.00	24.84 1.46 0.00	23.37 1.43 0.00	22.41 1.01 -6.40	31.26 1.32 -11.50	32.11 1.19 -15.10	34.49 2.25 0.00	38.26 2.58 0.00	33.74 2.45 0.00	35.50 2.58 0.00	33.84 2.46 0.00	36.69 2.61 0.00	34.94 2.51 0.00	35.62 2.57 0.00	40.00 2.89 0.00	45.64 3.27 0.00	51.29 3.63 0.00	45.72 2.96 0.00	46.22 3.09 0.00	41.42 2.70 0.00	35.91 2.30 0.00	32.03 1.59 -6.99
LIGHTHSE_115KV_TB6 355974	32.13 -0.51 -0.08	32.61 -0.54 0.00	30.18 -0.57 0.00	22.93 -0.45 0.00	21.53 -0.41 0.00	15.22 -0.30 -0.52	19.00 -0.37 -0.94	16.71 -0.31 -1.20	31.58 -0.66 0.00	35.06 -0.62 0.00	30.67 -0.63 0.00	32.15 -0.77 0.00	30.79 -0.59 0.00	33.24 -0.84 0.00	31.62 -0.82 0.00	32.23 -0.83 0.00	36.13 -0.98 0.00	41.19 -1.18 0.00	46.51 -1.15 0.00	41.76 -1.00 0.00	42.20 -0.92 0.00	37.88 -0.84 0.00	32.86 -0.75 0.00	23.44 -0.56 -0.55
LINDEN COGEN____ 23786	35.63 2.03 -1.03	35.07 1.92 0.00	32.49 1.73 0.00	24.77 1.39 0.00	23.32 1.38 0.00	22.49 0.97 -6.52	31.43 1.28 -11.71	32.35 1.16 -15.38	34.39 2.15 0.00	38.10 2.43 0.00	33.62 2.32 0.00	35.36 2.44 0.00	33.72 2.34 0.00	36.55 2.47 0.00	34.80 2.37 0.00	35.47 2.42 0.00	39.81 2.70 0.00	45.41 3.04 0.00	51.00 3.34 0.00	45.48 2.72 0.00	45.97 2.84 0.00	41.20 2.48 0.00	35.72 2.10 0.00	32.03 1.46 -7.11
LINDHRST_69_KV_BK1 356055	38.38 3.35 -2.48	40.70 3.31 -4.23	38.28 3.02 -4.51	31.52 2.33 -5.81	37.31 2.18 -13.19	22.97 1.45 -6.52	32.14 1.98 -11.71	32.94 1.74 -15.38	39.73 3.39 -4.10	82.09 3.87 -42.54	50.64 3.55 -15.79	44.67 3.69 -8.06	34.86 3.47 -0.02	41.76 3.68 -4.00	35.94 3.51 0.00	36.69 3.64 0.00	42.02 4.08 -0.83	51.33 4.63 -4.33	52.82 5.06 -0.09	49.00 4.32 -1.92	47.46 4.33 0.00	42.63 3.91 0.00	42.93 3.52 -5.79	32.89 2.33 -7.11
LIPA_MISC_IPP 23656	38.71 3.67 -2.48	41.02 3.64 -4.23	38.60 3.34 -4.51	31.77 2.57 -5.81	37.49 2.36 -13.19	23.03 1.52 -6.52	32.23 2.08 -11.71	33.01 1.82 -15.38	39.87 3.53 -4.10	82.27 4.06 -42.54	50.60 3.51 -15.79	44.55 3.58 -8.06	34.62 3.22 -0.02	41.50 3.42 -4.00	35.65 3.22 0.00	36.46 3.41 0.00	41.81 3.87 -0.83	51.25 4.56 -4.33	52.73 4.98 -0.09	48.96 4.29 -1.92	47.22 4.09 0.00	42.35 3.63 0.00	42.79 3.39 -5.79	32.77 2.21 -7.11

LISF___SOLAR 323691	38.78 3.74 -2.48	41.09 3.71 -4.23	38.67 3.40 -4.51	31.81 2.62 -5.81	37.53 2.40 -13.19	23.06 1.55 -6.52	32.27 2.12 -11.71	33.04 1.85 -15.38	39.92 3.58 -4.10	82.33 4.12 -42.54	50.66 3.57 -15.79	44.60 3.62 -8.06	34.67 3.28 -0.02	41.55 3.47 -4.00	35.69 3.26 0.00	36.51 3.46 0.00	41.87 3.92 -0.83	51.33 4.64 -4.33	52.75 5.00 -0.09	49.04 4.37 -1.92	47.32 4.19 0.00	42.43 3.71 0.00	42.86 3.46 -5.79	32.81 2.25 -7.11
LITTLE FALLS___HYD 24013	34.75 2.19 0.00	35.25 2.10 0.00	32.64 1.89 0.00	24.83 1.45 0.00	23.21 1.26 0.00	15.86 0.86 0.00	19.48 1.04 0.00	16.50 0.68 0.00	33.35 1.11 0.00	36.82 1.15 0.00	32.31 1.01 0.00	33.95 1.03 0.00	32.17 0.79 0.00	34.98 0.90 0.00	33.50 1.07 0.00	34.11 1.06 0.00	38.72 1.61 0.00	44.11 1.75 0.00	49.96 2.30 0.00	44.83 2.07 0.00	45.42 2.29 0.00	40.54 1.82 0.00	35.35 1.74 0.00	24.55 1.11 0.00
LITTLRIV_115KV_TB1 356100	32.48 -0.10 -0.02	33.01 -0.14 0.00	30.64 -0.11 0.00	23.27 -0.11 0.00	21.82 -0.12 0.00	15.00 -0.10 -0.10	18.45 -0.17 -0.18	15.83 -0.22 -0.23	31.84 -0.40 0.00	35.18 -0.49 0.00	30.70 -0.60 0.00	32.18 -0.74 0.00	30.82 -0.56 0.00	33.49 -0.59 0.00	31.84 -0.59 0.00	32.48 -0.57 0.00	36.31 -0.80 0.00	41.85 -0.51 0.00	47.29 -0.38 0.00	42.61 -0.14 0.00	43.06 -0.07 0.00	38.83 0.11 0.00	33.67 0.06 0.00	23.47 -0.08 -0.11
LI_NEWBRDGE___DRP 323616	37.69 2.66 -2.48	40.00 2.61 -4.23	37.66 2.40 -4.51	31.06 1.87 -5.81	36.90 1.77 -13.19	22.70 1.18 -6.52	31.79 1.63 -11.71	32.63 1.44 -15.38	39.09 2.76 -4.10	81.31 3.10 -42.54	49.92 2.83 -15.79	43.93 2.95 -8.06	34.19 2.80 -0.02	41.07 2.98 -4.00	35.27 2.83 0.00	35.96 2.90 0.00	41.20 3.25 -0.83	50.36 3.67 -4.33	51.76 4.01 -0.09	48.03 3.36 -1.92	46.49 3.36 0.00	41.75 3.03 0.00	42.20 2.79 -5.79	32.43 1.86 -7.11
LOCKPORT_115KV_TB60_63_64 80432	21.60 -2.98 7.98	22.22 -2.50 8.43	21.21 -2.35 7.19	11.77 -1.78 9.83	10.54 -1.60 9.79	5.84 -1.17 7.98	9.14 -1.46 7.84	7.47 -1.29 7.06	18.14 -2.84 11.26	20.76 -3.15 11.77	19.25 -2.86 9.18	22.04 -3.11 7.77	27.74 -3.09 0.55	28.93 -3.32 1.82	18.95 -3.28 10.20	20.61 -3.14 9.30	21.05 -3.67 12.40	24.14 -4.36 13.86	25.92 -5.28 16.45	23.82 -4.47 14.46	25.89 -4.06 13.18	22.96 -3.27 12.50	19.72 -2.43 11.47	12.62 -1.68 9.14
LOCKPORT___CC1 323769	21.03 -3.02 8.51	21.63 -2.49 9.03	20.68 -2.38 7.70	11.04 -1.81 10.53	9.83 -1.63 10.49	5.19 -1.19 8.61	8.43 -1.50 8.51	6.79 -1.32 7.70	17.38 -2.79 12.06	19.97 -3.10 12.60	18.61 -2.86 9.83	21.47 -3.13 8.32	27.66 -3.13 0.58	28.77 -3.36 1.95	18.22 -3.29 10.92	19.99 -3.11 9.96	20.26 -3.58 13.27	23.25 -4.27 14.85	24.87 -5.17 17.62	22.90 -4.38 15.49	24.98 -4.03 14.11	22.08 -3.25 13.38	18.90 -2.43 12.28	11.87 -1.72 9.86
LOCKPORT___CC2 323770	21.03 -3.02 8.51	21.63 -2.49 9.03	20.68 -2.38 7.70	11.04 -1.81 10.53	9.83 -1.63 10.49	5.19 -1.19 8.61	8.43 -1.50 8.51	6.79 -1.32 7.70	17.38 -2.79 12.06	19.97 -3.10 12.60	18.61 -2.86 9.83	21.47 -3.13 8.32	27.66 -3.13 0.58	28.77 -3.36 1.95	18.22 -3.29 10.92	19.99 -3.11 9.96	20.26 -3.58 13.27	23.25 -4.27 14.85	24.87 -5.17 17.62	22.90 -4.38 15.49	24.98 -4.03 14.11	22.08 -3.25 13.38	18.90 -2.43 12.28	11.87 -1.72 9.86
LOCKPORT___CC3 323771	21.03 -3.02 8.51	21.63 -2.49 9.03	20.68 -2.38 7.70	11.04 -1.81 10.53	9.83 -1.63 10.49	5.19 -1.19 8.61	8.43 -1.50 8.51	6.79 -1.32 7.70	17.38 -2.79 12.06	19.97 -3.10 12.60	18.61 -2.86 9.83	21.47 -3.13 8.32	27.66 -3.13 0.58	28.77 -3.36 1.95	18.22 -3.29 10.92	19.99 -3.11 9.96	20.26 -3.58 13.27	23.25 -4.27 14.85	24.87 -5.17 17.62	22.90 -4.38 15.49	24.98 -4.03 14.11	22.08 -3.25 13.38	18.90 -2.43 12.28	11.87 -1.72 9.86
LOCUSVLY_69_KV_BK2 55797	37.82 2.79 -2.48	40.10 2.71 -4.23	37.73 2.47 -4.51	31.10 1.91 -5.81	36.95 1.82 -13.19	22.75 1.24 -6.52	31.83 1.68 -11.71	32.68 1.48 -15.38	39.20 2.87 -4.10	81.46 3.24 -42.54	50.08 3.00 -15.79	44.12 3.14 -8.06	34.38 2.98 -0.02	41.26 3.18 -4.00	35.46 3.03 0.00	36.17 3.12 0.00	41.44 3.49 -0.83	50.62 3.92 -4.33	52.08 4.33 -0.09	48.33 3.66 -1.92	46.80 3.67 0.00	42.02 3.30 0.00	42.34 2.93 -5.79	32.53 1.96 -7.11
LONG_LAKE_PHOENIX 24014	31.78 -0.86 -0.09	32.30 -0.85 0.00	29.94 -0.82 0.00	22.75 -0.63 0.00	21.37 -0.58 0.00	15.16 -0.40 -0.57	18.97 -0.49 -1.03	16.71 -0.42 -1.31	31.37 -0.87 0.00	34.76 -0.91 0.00	30.48 -0.82 0.00	32.04 -0.88 0.00	30.58 -0.80 0.00	33.18 -0.90 0.00	31.57 -0.87 0.00	32.16 -0.90 0.00	36.10 -1.01 0.00	41.18 -1.19 0.00	46.31 -1.35 0.00	41.56 -1.21 0.00	41.97 -1.15 0.00	37.64 -1.08 0.00	32.68 -0.93 0.00	23.42 -0.63 -0.60
LOVETT___3 23632	35.58 2.00 -1.02	35.04 1.89 0.00	32.45 1.70 0.00	24.71 1.33 0.00	23.24 1.30 0.00	22.34 0.92 -6.42	31.19 1.21 -11.54	32.06 1.09 -15.16	34.29 2.05 0.00	38.02 2.34 0.00	33.53 2.23 0.00	35.27 2.35 0.00	33.62 2.24 0.00	36.45 2.37 0.00	34.72 2.28 0.00	35.39 2.33 0.00	39.74 2.62 0.00	45.33 2.96 0.00	50.95 3.28 0.00	45.43 2.67 0.00	45.92 2.79 0.00	41.16 2.44 0.00	35.69 2.08 0.00	31.91 1.44 -7.01
LOVETT___4 23642	35.58 2.00 -1.02	35.04 1.89 0.00	32.45 1.70 0.00	24.71 1.33 0.00	23.24 1.30 0.00	22.34 0.92 -6.42	31.19 1.21 -11.54	32.06 1.09 -15.16	34.29 2.05 0.00	38.02 2.34 0.00	33.53 2.23 0.00	35.27 2.35 0.00	33.62 2.24 0.00	36.45 2.37 0.00	34.72 2.28 0.00	35.39 2.33 0.00	39.74 2.62 0.00	45.33 2.96 0.00	50.95 3.28 0.00	45.43 2.67 0.00	45.92 2.79 0.00	41.16 2.44 0.00	35.69 2.08 0.00	31.91 1.44 -7.01
LOVETT___5 23593	35.58 2.00 -1.02	35.04 1.89 0.00	32.45 1.70 0.00	24.71 1.33 0.00	23.24 1.30 0.00	22.34 0.92 -6.42	31.19 1.21 -11.54	32.06 1.09 -15.16	34.29 2.05 0.00	38.02 2.34 0.00	33.53 2.23 0.00	35.27 2.35 0.00	33.62 2.24 0.00	36.45 2.37 0.00	34.72 2.28 0.00	35.39 2.33 0.00	39.74 2.62 0.00	45.33 2.96 0.00	50.95 3.28 0.00	45.43 2.67 0.00	45.92 2.79 0.00	41.16 2.44 0.00	35.69 2.08 0.00	31.91 1.44 -7.01
LOWER RAQUET___HYD 24057	32.12 -0.46 -0.02	32.64 -0.51 0.00	30.30 -0.46 0.00	23.01 -0.37 0.00	21.57 -0.37 0.00	14.83 -0.27 -0.11	18.26 -0.37 -0.19	15.71 -0.35 -0.25	31.61 -0.63 0.00	34.97 -0.70 0.00	30.54 -0.76 0.00	32.01 -0.91 0.00	30.65 -0.73 0.00	33.25 -0.83 0.00	31.63 -0.80 0.00	32.29 -0.76 0.00	36.07 -1.05 0.00	41.39 -0.98 0.00	46.70 -0.97 0.00	42.06 -0.70 0.00	42.45 -0.68 0.00	38.32 -0.40 0.00	33.23 -0.39 0.00	23.19 -0.37 -0.11
LOWER___HUDSON 24059	35.19 1.44 -1.20	34.50 1.35 0.00	32.02 1.27 0.00	24.37 0.99 0.00	22.83 0.89 0.00	23.18 0.63 -7.55	32.82 0.77 -13.61	34.26 0.64 -17.81	33.40 1.17 0.00	36.90 1.22 0.00	32.39 1.09 0.00	34.12 1.20 0.00	32.45 1.07 0.00	35.28 1.20 0.00	33.56 1.13 0.00	34.19 1.14 0.00	38.56 1.45 0.00	44.02 1.65 0.00	49.57 1.91 0.00	44.47 1.71 0.00	44.91 1.79 0.00	40.28 1.56 0.00	34.95 1.34 0.00	32.64 0.96 -8.23

LOWVILLE_115KV_TB2 356335	32.75 0.14 -0.05	33.08 -0.07 0.00	30.64 -0.12 0.00	23.20 -0.19 0.00	21.74 -0.20 0.00	15.09 -0.20 -0.30	18.74 -0.24 -0.54	16.31 -0.19 -0.69	31.95 -0.30 0.00	35.58 -0.09 0.00	30.85 -0.44 0.00	32.04 -0.88 0.00	30.90 -0.48 0.00	32.98 -1.10 0.00	31.45 -0.98 0.00	32.24 -0.82 0.00	35.91 -1.20 0.00	41.05 -1.31 0.00	46.64 -1.02 0.00	42.04 -0.72 0.00	42.27 -0.86 0.00	37.83 -0.89 0.00	32.79 -0.82 0.00	23.00 -0.76 -0.31
LUTHERFT_115KV_GLOB_FND_222 355753	35.58 1.81 -1.21	34.93 1.78 0.00	32.40 1.65 0.00	24.65 1.27 0.00	23.11 1.17 0.00	23.47 0.83 -7.65	33.25 1.03 -13.78	34.69 0.85 -18.03	33.82 1.58 0.00	37.32 1.64 0.00	32.70 1.41 0.00	34.46 1.54 0.00	32.74 1.37 0.00	35.57 1.50 0.00	33.84 1.41 0.00	34.53 1.48 0.00	39.00 1.88 0.00	44.55 2.18 0.00	50.26 2.60 0.00	45.11 2.35 0.00	45.58 2.45 0.00	40.85 2.13 0.00	35.43 1.81 0.00	33.03 1.25 -8.33
LUTHERNY_35_KV_BK2 355980	35.61 1.84 -1.21	34.99 1.84 0.00	32.43 1.68 0.00	24.68 1.30 0.00	23.13 1.19 0.00	23.48 0.84 -7.65	33.27 1.04 -13.78	34.71 0.87 -18.03	33.85 1.61 0.00	37.34 1.67 0.00	32.73 1.43 0.00	34.49 1.57 0.00	32.79 1.41 0.00	35.61 1.53 0.00	33.87 1.44 0.00	34.56 1.50 0.00	39.05 1.94 0.00	44.61 2.24 0.00	50.32 2.65 0.00	45.16 2.40 0.00	45.63 2.50 0.00	40.89 2.17 0.00	35.47 1.86 0.00	33.06 1.28 -8.33
LWR__OSWEGATCHIE_HYD 23850	32.18 -0.40 -0.03	32.63 -0.53 0.00	30.23 -0.53 0.00	22.93 -0.45 0.00	21.50 -0.44 0.00	14.85 -0.35 -0.21	18.37 -0.45 -0.37	15.90 -0.40 -0.48	31.50 -0.73 0.00	34.99 -0.68 0.00	30.46 -0.83 0.00	31.79 -1.13 0.00	30.54 -0.84 0.00	32.87 -1.21 0.00	31.29 -1.15 0.00	32.01 -1.05 0.00	35.76 -1.35 0.00	40.98 -1.39 0.00	46.40 -1.26 0.00	41.81 -0.95 0.00	42.14 -0.99 0.00	37.89 -0.83 0.00	32.85 -0.76 0.00	22.99 -0.68 -0.22
LYONS_FALL_HYD 23570	32.98 0.38 -0.05	33.40 0.24 0.00	30.92 0.16 0.00	23.44 0.06 0.00	21.99 0.05 0.00	15.27 -0.02 -0.30	18.96 -0.02 -0.53	16.49 -0.01 -0.68	32.29 0.05 0.00	35.92 0.25 0.00	31.26 -0.03 0.00	32.60 -0.32 0.00	31.32 -0.06 0.00	33.63 -0.45 0.00	32.04 -0.39 0.00	32.79 -0.26 0.00	36.64 -0.48 0.00	41.93 -0.44 0.00	47.49 -0.17 0.00	42.73 -0.03 0.00	43.01 -0.12 0.00	38.52 -0.20 0.00	33.38 -0.24 0.00	23.45 -0.32 -0.31
MADISON__COUNTY_LFGE 323628	33.29 0.66 -0.07	33.82 0.67 0.00	31.32 0.57 0.00	23.79 0.41 0.00	22.34 0.39 0.00	15.68 0.25 -0.44	19.54 0.31 -0.78	17.07 0.26 -1.00	32.74 0.50 0.00	36.33 0.66 0.00	31.82 0.52 0.00	33.38 0.46 0.00	31.86 0.48 0.00	34.57 0.49 0.00	32.89 0.46 0.00	33.56 0.51 0.00	37.65 0.53 0.00	43.13 0.76 0.00	48.61 0.95 0.00	43.60 0.84 0.00	44.01 0.89 0.00	39.46 0.74 0.00	34.21 0.60 0.00	24.26 0.36 -0.46
MALONE__115KV_TB1 356076	32.42 -0.13 0.00	33.06 -0.10 0.00	30.70 -0.05 0.00	23.31 -0.07 0.00	21.85 -0.09 0.00	14.92 -0.08 0.00	18.30 -0.14 0.00	15.66 -0.16 0.00	32.04 -0.21 0.00	35.44 -0.24 0.00	30.96 -0.33 0.00	32.47 -0.45 0.00	31.00 -0.38 0.00	33.74 -0.34 0.00	32.14 -0.29 0.00	32.83 -0.23 0.00	36.80 -0.32 0.00	42.18 -0.18 0.00	47.54 -0.12 0.00	42.79 0.03 0.00	43.18 0.06 0.00	38.91 0.19 0.00	33.75 0.13 0.00	23.43 -0.02 0.00
MAPLEWOD_115KV_TB3 80458	35.05 1.31 -1.19	34.40 1.25 0.00	31.93 1.17 0.00	24.31 0.93 0.00	22.79 0.85 0.00	23.08 0.59 -7.50	32.67 0.73 -13.50	34.08 0.60 -17.66	33.32 1.08 0.00	36.83 1.16 0.00	32.37 1.07 0.00	34.08 1.16 0.00	32.42 1.04 0.00	35.26 1.18 0.00	33.55 1.12 0.00	34.17 1.12 0.00	38.51 1.40 0.00	43.92 1.55 0.00	49.43 1.77 0.00	44.35 1.59 0.00	44.77 1.64 0.00	40.20 1.48 0.00	34.85 1.24 0.00	32.52 0.91 -8.16
MAPLE_RIDGE_WT_1 323574	32.30 -0.26 0.00	32.87 -0.28 0.00	30.53 -0.23 0.00	23.16 -0.22 0.00	21.73 -0.21 0.00	14.86 -0.14 0.00	18.27 -0.17 0.00	15.67 -0.14 0.00	31.93 -0.31 0.00	35.30 -0.38 0.00	30.88 -0.42 0.00	32.54 -0.39 0.00	30.93 -0.45 0.00	33.49 -0.59 0.00	31.99 -0.44 0.00	32.56 -0.49 0.00	36.29 -0.83 0.00	41.51 -0.85 0.00	46.80 -0.85 0.00	42.09 -0.67 0.00	42.34 -0.79 0.00	37.95 -0.77 0.00	32.98 -0.64 0.00	22.95 -0.50 0.00
MAPLE_RIDGE_WT_2 323611	32.30 -0.26 0.00	32.87 -0.28 0.00	30.53 -0.23 0.00	23.16 -0.22 0.00	21.73 -0.21 0.00	14.86 -0.14 0.00	18.27 -0.17 0.00	15.67 -0.14 0.00	31.93 -0.31 0.00	35.30 -0.38 0.00	30.88 -0.42 0.00	32.54 -0.39 0.00	30.93 -0.45 0.00	33.49 -0.59 0.00	31.99 -0.44 0.00	32.56 -0.49 0.00	36.29 -0.83 0.00	41.51 -0.85 0.00	46.80 -0.85 0.00	42.09 -0.67 0.00	42.34 -0.79 0.00	37.95 -0.77 0.00	32.98 -0.64 0.00	22.95 -0.50 0.00
MARBLE_RIVER_WT_PWR 323696	32.37 -0.18 0.00	32.97 -0.18 0.00	30.61 -0.14 0.00	23.26 -0.12 0.00	21.79 -0.15 0.00	14.87 -0.13 0.00	18.25 -0.19 0.00	15.62 -0.20 0.00	31.95 -0.29 0.00	35.32 -0.35 0.00	30.89 -0.40 0.00	32.46 -0.46 0.00	30.96 -0.42 0.00	33.71 -0.37 0.00	32.11 -0.32 0.00	32.77 -0.28 0.00	36.75 -0.36 0.00	42.05 -0.32 0.00	47.37 -0.29 0.00	42.58 -0.18 0.00	42.96 -0.17 0.00	38.66 -0.06 0.00	33.56 -0.05 0.00	23.32 -0.13 0.00
MARSHVLE_115KV_TB1 80742	34.85 0.94 -1.35	34.09 0.94 0.00	31.57 0.82 0.00	23.98 0.60 0.00	22.52 0.58 0.00	23.93 0.40 -8.53	34.32 0.52 -15.36	36.24 0.38 -20.04	32.92 0.68 0.00	36.39 0.71 0.00	31.92 0.62 0.00	33.41 0.49 0.00	31.79 0.42 0.00	34.59 0.52 0.00	33.04 0.61 0.00	33.70 0.65 0.00	37.89 0.78 0.00	43.36 0.99 0.00	48.91 1.25 0.00	44.03 1.27 0.00	44.44 1.31 0.00	39.85 1.12 0.00	34.63 1.02 0.00	33.34 0.64 -9.25
MARSH_HILL_WT_PWR 323713	55.61 -2.27 -25.33	61.64 -2.15 -30.63	54.58 -2.30 -26.12	57.20 -1.90 -35.72	55.63 -1.89 -35.58	47.68 -1.41 -34.09	54.38 -1.70 -37.65	51.71 -1.49 -37.38	70.19 -3.01 -40.97	75.24 -3.25 -42.82	61.77 -2.92 -33.39	58.06 -3.13 -28.26	30.43 -2.94 -1.99	37.42 -3.27 -6.61	66.32 -3.22 -37.11	63.85 -3.03 -33.83	78.67 -3.53 -45.09	88.85 -3.94 -50.43	103.17 -4.35 -59.86	91.56 -3.80 -52.60	87.33 -3.73 -47.94	80.77 -3.42 -45.47	72.31 -3.03 -41.72	59.87 -2.20 -38.63
MCINTYRE_115KV_TB2 80467	32.78 0.21 -0.01	33.33 0.17 0.00	30.93 0.17 0.00	23.49 0.11 0.00	22.04 0.10 0.00	15.14 0.05 -0.09	18.60 0.00 -0.16	15.77 -0.10 -0.06	32.05 -0.19 0.00	35.39 -0.28 0.00	30.86 -0.43 0.00	32.37 -0.55 0.00	30.99 -0.38 0.00	33.73 -0.35 0.00	32.07 -0.36 0.00	32.69 -0.37 0.00	36.60 -0.51 0.00	42.31 -0.06 0.00	47.82 0.15 0.00	43.11 0.35 0.00	43.59 0.46 0.00	39.28 0.56 0.00	34.05 0.44 0.00	23.63 0.19 0.00
MECO____69_KV_BK1 80468	35.49 1.64 -1.30	34.79 1.63 0.00	32.22 1.47 0.00	24.49 1.11 0.00	22.99 1.05 0.00	23.91 0.72 -8.20	34.11 0.90 -14.77	35.78 0.68 -19.28	33.43 1.19 0.00	36.92 1.25 0.00	32.35 1.06 0.00	33.92 1.00 0.00	32.21 0.83 0.00	35.02 0.93 0.00	33.53 1.10 0.00	34.30 1.24 0.00	38.77 1.65 0.00	44.41 2.04 0.00	50.19 2.53 0.00	45.19 2.43 0.00	45.65 2.52 0.00	40.90 2.18 0.00	35.46 1.84 0.00	33.55 1.20 -8.91

MENANDS__115KV_TB5 355628	34.93 1.19 -1.19	34.28 1.12 0.00	31.82 1.07 0.00	24.22 0.84 0.00	22.72 0.78 0.00	23.02 0.54 -7.49	32.58 0.66 -13.47	33.98 0.54 -17.63	33.21 0.97 0.00	36.71 1.04 0.00	32.27 0.97 0.00	33.98 1.06 0.00	32.32 0.94 0.00	35.16 1.08 0.00	33.45 1.02 0.00	34.06 1.01 0.00	38.37 1.26 0.00	43.72 1.35 0.00	49.20 1.54 0.00	44.13 1.37 0.00	44.54 1.42 0.00	40.01 1.29 0.00	34.69 1.08 0.00	32.41 0.82 -8.15
MG INDUSTRY__DRP 24185	34.88 1.16 -1.17	34.29 1.14 0.00	31.83 1.08 0.00	24.23 0.85 0.00	22.74 0.80 0.00	22.90 0.54 -7.36	32.34 0.66 -13.24	33.67 0.53 -17.33	33.20 0.96 0.00	36.69 1.01 0.00	32.23 0.94 0.00	33.93 1.00 0.00	32.27 0.89 0.00	35.09 1.01 0.00	33.39 0.96 0.00	34.04 0.99 0.00	38.31 1.20 0.00	43.70 1.33 0.00	49.17 1.50 0.00	44.10 1.34 0.00	44.52 1.40 0.00	39.99 1.27 0.00	34.70 1.08 0.00	32.26 0.80 -8.01
MID__OSWEGATCHIE_HYD 23849	32.18 -0.40 -0.03	32.63 -0.53 0.00	30.23 -0.53 0.00	22.93 -0.45 0.00	21.50 -0.44 0.00	14.85 -0.35 -0.21	18.37 -0.45 -0.37	15.90 -0.40 -0.48	31.50 -0.73 0.00	34.99 -0.68 0.00	30.46 -0.83 0.00	31.79 -1.13 0.00	30.54 -0.84 0.00	32.87 -1.21 0.00	31.29 -1.15 0.00	32.01 -1.05 0.00	35.76 -1.35 0.00	40.98 -1.39 0.00	46.40 -1.26 0.00	41.81 -0.95 0.00	42.14 -0.99 0.00	37.89 -0.83 0.00	32.85 -0.76 0.00	22.99 -0.68 -0.22
MID__RAQUETTE_HYD 23851	32.12 -0.46 -0.02	32.65 -0.51 0.00	30.30 -0.46 0.00	23.01 -0.37 0.00	21.57 -0.37 0.00	14.83 -0.27 -0.11	18.26 -0.37 -0.19	15.71 -0.35 -0.25	31.61 -0.63 0.00	34.97 -0.70 0.00	30.54 -0.76 0.00	32.01 -0.91 0.00	30.65 -0.73 0.00	33.25 -0.83 0.00	31.63 -0.80 0.00	32.30 -0.76 0.00	36.07 -1.04 0.00	41.40 -0.97 0.00	46.69 -0.97 0.00	42.06 -0.70 0.00	42.45 -0.67 0.00	38.32 -0.40 0.00	33.23 -0.38 0.00	23.20 -0.37 -0.11
MILLIKEN__1 23584	34.72 0.21 -1.95	35.87 0.30 -2.42	33.06 0.23 -2.07	26.37 0.17 -2.82	24.91 0.15 -2.81	19.11 0.08 -4.04	23.93 0.10 -5.39	21.95 0.13 -6.01	35.74 0.23 -3.27	39.38 0.29 -3.42	34.16 0.19 -2.67	35.34 0.17 -2.26	31.67 0.13 -0.16	34.77 0.16 -0.53	35.57 0.17 -2.96	35.95 0.20 -2.70	40.95 0.24 -3.60	46.70 0.30 -4.03	52.84 0.40 -4.78	47.26 0.30 -4.20	47.34 0.39 -3.83	42.67 0.32 -3.63	37.18 0.23 -3.33	28.04 0.13 -4.46
MILLIKEN__2 23585	34.72 0.21 -1.95	35.87 0.30 -2.42	33.06 0.23 -2.07	26.37 0.17 -2.82	24.91 0.15 -2.81	19.11 0.08 -4.04	23.93 0.10 -5.39	21.95 0.13 -6.01	35.74 0.23 -3.27	39.38 0.29 -3.42	34.16 0.19 -2.67	35.34 0.17 -2.26	31.67 0.13 -0.16	34.77 0.16 -0.53	35.57 0.17 -2.96	35.95 0.20 -2.70	40.95 0.24 -3.60	46.70 0.30 -4.03	52.84 0.40 -4.78	47.26 0.30 -4.20	47.34 0.39 -3.83	42.67 0.32 -3.63	37.18 0.23 -3.33	28.04 0.13 -4.46
MILLIKEN__DIESEL 23629	34.72 0.21 -1.95	35.87 0.30 -2.42	33.06 0.23 -2.07	26.37 0.17 -2.82	24.91 0.15 -2.81	19.11 0.08 -4.04	23.93 0.10 -5.39	21.95 0.13 -6.01	35.74 0.23 -3.27	39.38 0.29 -3.42	34.16 0.19 -2.67	35.34 0.17 -2.26	31.67 0.13 -0.16	34.77 0.16 -0.53	35.57 0.17 -2.96	35.95 0.20 -2.70	40.95 0.24 -3.60	46.70 0.30 -4.03	52.84 0.40 -4.78	47.26 0.30 -4.20	47.34 0.39 -3.83	42.67 0.32 -3.63	37.18 0.23 -3.33	28.04 0.13 -4.46
MILLSEAT__LFGE 323607	23.65 -2.24 6.66	24.40 -1.77 6.98	23.09 -1.71 5.95	13.93 -1.31 8.14	12.68 -1.16 8.11	7.66 -0.87 6.47	11.12 -1.08 6.24	9.34 -0.96 5.52	20.89 -2.03 9.32	23.70 -2.23 9.74	21.63 -2.07 7.60	24.26 -2.23 6.43	28.66 -2.27 0.45	30.18 -2.39 1.51	21.65 -2.34 8.44	23.20 -2.16 7.70	24.38 -2.48 10.26	27.91 -2.98 11.47	30.35 -3.69 13.62	27.74 -3.06 11.97	29.49 -2.73 10.91	26.21 -2.17 10.34	22.54 -1.59 9.49	14.87 -1.16 7.42
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.63 2.05 -1.03	35.09 1.94 0.00	32.49 1.74 0.00	24.74 1.36 0.00	23.28 1.34 0.00	22.44 0.95 -6.50	31.37 1.24 -11.68	32.27 1.12 -15.34	34.34 2.11 0.00	38.06 2.39 0.00	33.57 2.27 0.00	35.32 2.40 0.00	33.68 2.30 0.00	36.50 2.42 0.00	34.76 2.33 0.00	35.43 2.38 0.00	39.80 2.69 0.00	45.39 3.03 0.00	51.01 3.35 0.00	45.52 2.75 0.00	45.99 2.86 0.00	41.22 2.50 0.00	35.76 2.14 0.00	32.02 1.48 -7.10
MILLWOOD_13_KV_LOAD 356217	35.68 2.09 -1.03	35.15 2.00 0.00	32.54 1.79 0.00	24.78 1.40 0.00	23.31 1.37 0.00	22.46 0.97 -6.50	31.39 1.27 -11.68	32.29 1.14 -15.34	34.40 2.16 0.00	38.13 2.46 0.00	33.63 2.34 0.00	35.38 2.46 0.00	33.73 2.36 0.00	36.57 2.49 0.00	34.83 2.40 0.00	35.49 2.44 0.00	39.86 2.75 0.00	45.48 3.11 0.00	51.11 3.45 0.00	45.59 2.84 0.00	46.07 2.95 0.00	41.29 2.57 0.00	35.81 2.20 0.00	32.06 1.52 -7.10
MODEL_CITY_ENERGY 24167	20.90 -3.24 8.42	21.55 -2.69 8.91	20.60 -2.55 7.60	11.05 -1.94 10.39	9.84 -1.74 10.35	5.24 -1.28 8.47	8.48 -1.60 8.35	6.86 -1.41 7.55	17.36 -2.97 11.90	19.94 -3.29 12.44	18.55 -3.04 9.70	21.39 -3.32 8.21	27.44 -3.36 0.58	28.56 -3.60 1.92	18.17 -3.47 10.78	19.92 -3.31 9.83	20.21 -3.80 13.10	23.15 -4.56 14.66	24.73 -5.54 17.39	22.79 -4.68 15.29	24.84 -4.36 13.93	22.02 -3.48 13.22	18.88 -2.60 12.12	11.90 -1.84 9.70
MODERN_LFGE__ 323580	20.90 -3.24 8.42	21.55 -2.69 8.91	20.60 -2.55 7.60	11.05 -1.94 10.39	9.84 -1.74 10.35	5.24 -1.28 8.47	8.48 -1.60 8.35	6.86 -1.41 7.55	17.36 -2.97 11.90	19.94 -3.29 12.44	18.55 -3.04 9.70	21.39 -3.32 8.21	27.44 -3.36 0.58	28.56 -3.60 1.92	18.17 -3.47 10.78	19.92 -3.31 9.83	20.21 -3.80 13.10	23.15 -4.56 14.66	24.73 -5.54 17.39	22.79 -4.68 15.29	24.84 -4.36 13.93	22.02 -3.48 13.22	18.88 -2.60 12.12	11.90 -1.84 9.70
MOHAWK_PAPER__DRP 24187	35.05 1.31 -1.19	34.40 1.25 0.00	31.93 1.17 0.00	24.31 0.93 0.00	22.79 0.85 0.00	23.08 0.59 -7.50	32.67 0.73 -13.50	34.08 0.60 -17.66	33.32 1.08 0.00	36.83 1.16 0.00	32.37 1.07 0.00	34.08 1.16 0.00	32.42 1.04 0.00	35.26 1.18 0.00	33.55 1.12 0.00	34.17 1.12 0.00	38.51 1.40 0.00	43.92 1.55 0.00	49.43 1.77 0.00	44.35 1.59 0.00	44.77 1.64 0.00	40.20 1.48 0.00	34.85 1.24 0.00	32.52 0.91 -8.16
MOHICAN__35_KV_115KV_LD 80490	36.15 2.38 -1.21	35.47 2.32 0.00	32.94 2.19 0.00	25.09 1.71 0.00	23.48 1.54 0.00	23.75 1.10 -7.66	33.62 1.39 -13.79	34.99 1.13 -18.04	34.37 2.13 0.00	37.76 2.09 0.00	32.96 1.67 0.00	34.84 1.92 0.00	33.04 1.66 0.00	35.86 1.78 0.00	34.03 1.60 0.00	34.78 1.73 0.00	39.49 2.38 0.00	45.13 2.76 0.00	51.12 3.46 0.00	45.94 3.18 0.00	46.42 3.29 0.00	41.59 2.87 0.00	36.06 2.45 0.00	33.42 1.64 -8.33
MONGAUP__HYD 23641	35.55 2.01 -0.98	35.05 1.90 0.00	32.45 1.70 0.00	24.70 1.32 0.00	23.23 1.29 0.00	22.11 0.91 -6.20	30.77 1.18 -11.15	31.52 1.05 -14.66	34.23 1.99 0.00	37.89 2.21 0.00	33.38 2.08 0.00	35.12 2.20 0.00	33.44 2.06 0.00	36.26 2.18 0.00	34.55 2.12 0.00	35.24 2.18 0.00	39.59 2.48 0.00	45.33 2.96 0.00	50.96 3.30 0.00	45.56 2.80 0.00	46.09 2.97 0.00	41.30 2.58 0.00	35.80 2.19 0.00	31.72 1.49 -6.79

MONTAUK___DIESEL 23721	39.70 4.67 -2.48	42.00 4.62 -4.23	39.49 4.23 -4.51	32.43 3.24 -5.81	38.11 2.98 -13.19	23.43 1.92 -6.52	32.69 2.53 -11.71	33.37 2.17 -15.38	40.69 4.35 -4.10	83.43 5.21 -42.54	51.48 4.40 -15.79	45.39 4.41 -8.06	35.33 3.94 -0.02	42.48 4.40 -4.00	36.58 4.14 0.00	37.55 4.50 0.00	43.05 5.10 -0.83	52.78 6.08 -4.33	54.41 6.66 -0.09	50.46 5.79 -1.92	48.35 5.23 0.00	43.04 4.33 0.00	43.27 3.86 -5.79	33.04 2.47 -7.11
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.20 -3.50 8.85	20.98 -2.95 9.22	20.13 -2.76 7.87	10.28 -2.35 10.75	9.08 -2.15 10.71	4.70 -1.63 8.66	8.07 -1.93 8.44	6.57 -1.69 7.55	16.32 -3.60 12.32	18.98 -3.82 12.87	17.71 -3.55 10.04	20.62 -3.80 8.50	27.11 -3.67 0.60	27.94 -4.15 1.99	17.14 -4.13 11.16	18.99 -3.89 10.17	18.96 -4.59 13.56	21.78 -5.42 15.16	23.45 -6.22 18.00	21.42 -5.52 15.82	23.58 -5.13 14.41	20.63 -4.41 13.67	17.51 -3.56 12.55	10.97 -2.56 9.93
MORRIS_RIDGE___SOLAR 323848	-11.83 -2.46 41.93	-15.61 -2.21 46.55	-11.16 -2.22 39.70	-32.67 -1.78 54.28	-33.78 -1.66 54.07	-34.62 -1.22 48.39	-34.12 -1.49 51.06	-34.42 -1.28 48.95	-32.68 -2.69 62.22	-32.26 -2.90 65.04	-22.07 -2.65 50.72	-12.82 -2.81 42.93	25.66 -2.70 3.02	21.04 -2.99 10.05	-26.86 -2.93 56.37	-21.11 -2.78 51.38	-34.55 -3.18 68.49	-37.84 -3.61 76.60	-47.34 -4.09 90.91	-40.77 -3.63 79.90	-33.12 -3.44 72.81	-33.41 -3.07 69.07	-32.36 -2.60 63.37	-33.52 -1.88 55.08
MORTIMER_115KV_TB3 55949	30.81 -1.36 0.39	32.00 -1.16 0.00	29.67 -1.09 0.00	22.54 -0.85 0.00	21.19 -0.76 0.00	15.27 -0.55 -0.83	19.25 -0.68 -1.49	17.14 -0.58 -1.90	31.00 -1.24 0.00	34.34 -1.34 0.00	30.08 -1.21 0.00	31.62 -1.30 0.00	30.16 -1.23 0.00	32.75 -1.33 0.00	31.05 -1.38 0.00	31.75 -1.31 0.00	35.60 -1.51 0.00	40.60 -1.77 0.00	45.50 -2.16 0.00	40.91 -1.85 0.00	41.54 -1.58 0.00	37.40 -1.32 0.00	32.59 -1.03 0.00	23.59 -0.73 -0.87
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.77 2.17 -1.03	35.23 2.08 0.00	32.62 1.87 0.00	24.86 1.48 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.49 1.34 -11.71	32.40 1.21 -15.38	34.52 2.28 0.00	38.25 2.58 0.00	33.74 2.44 0.00	35.49 2.57 0.00	33.84 2.46 0.00	36.67 2.59 0.00	34.92 2.49 0.00	35.59 2.54 0.00	39.96 2.85 0.00	45.57 3.20 0.00	51.20 3.53 0.00	45.66 2.90 0.00	46.14 3.01 0.00	41.36 2.64 0.00	35.87 2.26 0.00	32.13 1.56 -7.11
MUNSVILLE_WIND_PWR 323609	36.21 1.64 -2.01	36.54 1.74 -1.65	33.70 1.54 -1.41	26.37 1.06 -1.92	24.78 0.92 -1.92	19.95 0.66 -4.30	25.66 0.77 -6.45	23.57 0.51 -7.24	35.62 1.01 -2.37	39.24 1.09 -2.47	33.97 0.74 -1.93	35.04 0.49 -1.63	31.79 0.30 -0.11	34.69 0.23 -0.38	34.93 0.36 -2.15	35.72 0.71 -1.96	39.98 0.27 -2.61	45.76 0.48 -2.91	52.20 1.08 -3.46	47.18 1.38 -3.04	46.95 1.06 -2.77	42.05 0.70 -2.63	36.50 0.48 -2.41	28.13 0.20 -4.48
N SALMON___HYD 24042	32.42 -0.13 0.00	33.06 -0.10 0.00	30.70 -0.05 0.00	23.31 -0.07 0.00	21.85 -0.09 0.00	14.92 -0.08 0.00	18.30 -0.14 0.00	15.66 -0.15 0.00	32.04 -0.21 0.00	35.44 -0.24 0.00	30.96 -0.34 0.00	32.47 -0.45 0.00	31.00 -0.38 0.00	33.74 -0.34 0.00	32.14 -0.29 0.00	32.83 -0.23 0.00	36.79 -0.32 0.00	42.18 -0.19 0.00	47.54 -0.12 0.00	42.79 0.03 0.00	43.18 0.05 0.00	38.91 0.19 0.00	33.75 0.13 0.00	23.43 -0.02 0.00
N.AKRON__115KV_KNAPP 355671	22.94 -2.43 7.19	23.62 -1.98 7.56	22.44 -1.88 6.44	13.14 -1.43 8.81	11.89 -1.28 8.77	6.99 -0.94 7.07	10.40 -1.17 6.87	8.65 -1.03 6.13	19.85 -2.29 10.09	22.60 -2.53 10.54	20.76 -2.31 8.22	23.47 -2.49 6.96	28.41 -2.48 0.49	29.80 -2.65 1.63	20.66 -2.63 9.14	22.24 -2.48 8.33	23.10 -2.91 11.10	26.50 -3.45 12.42	28.67 -4.25 14.74	26.25 -3.55 12.95	28.16 -3.16 11.81	25.00 -2.52 11.20	21.50 -1.84 10.28	14.05 -1.30 8.10
N.BELMOR_69_KV_BK1 55787	37.88 2.85 -2.48	40.17 2.78 -4.23	37.79 2.53 -4.51	31.15 1.96 -5.81	37.00 1.86 -13.19	22.77 1.25 -6.52	31.86 1.71 -11.71	32.70 1.51 -15.38	39.25 2.91 -4.10	81.54 3.32 -42.54	50.16 3.07 -15.79	44.18 3.20 -8.06	34.42 3.02 -0.02	41.32 3.24 -4.00	35.50 3.07 0.00	36.21 3.16 0.00	41.48 3.54 -0.83	50.69 3.99 -4.33	52.15 4.40 -0.09	48.40 3.72 -1.92	46.84 3.72 0.00	42.06 3.34 0.00	42.40 3.00 -5.79	32.57 2.00 -7.11
N.E._GEN_SANDY PD 24062	50.37 1.56 -16.26	51.33 1.42 -16.76	46.95 1.34 -14.86	43.67 1.04 -19.25	54.10 0.95 -31.21	56.21 0.69 -40.53	32.09 0.90 -12.75	33.19 0.75 -16.62	33.60 1.37 0.00	37.14 1.47 0.00	32.67 1.38 0.00	34.47 1.50 -0.05	32.74 1.37 0.00	35.61 1.53 0.00	33.87 1.44 0.00	34.49 1.40 -0.04	38.83 1.72 0.00	44.22 1.91 0.06	51.22 2.18 -1.38	49.56 1.90 -4.90	53.06 1.97 -7.97	46.01 1.74 -5.56	38.26 1.48 -3.17	37.74 1.08 -13.21
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.67 2.09 -1.02	35.13 1.98 0.00	32.51 1.76 0.00	24.76 1.38 0.00	23.30 1.36 0.00	22.36 0.96 -6.41	31.21 1.26 -11.52	32.07 1.13 -15.12	34.36 2.12 0.00	38.10 2.43 0.00	33.61 2.31 0.00	35.36 2.44 0.00	33.70 2.33 0.00	36.54 2.46 0.00	34.79 2.37 0.00	35.48 2.43 0.00	39.85 2.73 0.00	45.45 3.09 0.00	51.08 3.41 0.00	45.53 2.77 0.00	46.03 2.91 0.00	41.25 2.53 0.00	35.77 2.16 0.00	31.94 1.49 -7.00
N.QUEENS_27_KV_LOAD 356247	35.62 2.03 -1.03	35.14 1.98 0.00	32.52 1.76 0.00	24.77 1.39 0.00	23.32 1.37 0.00	22.49 0.98 -6.52	31.44 1.28 -11.71	32.35 1.16 -15.38	34.37 2.14 0.00	38.12 2.45 0.00	33.71 2.41 0.00	35.39 2.47 0.00	33.73 2.36 0.00	36.58 2.51 0.00	34.79 2.36 0.00	35.44 2.38 0.00	39.76 2.65 0.00	45.40 3.04 0.00	51.03 3.37 0.00	45.52 2.76 0.00	46.04 2.91 0.00	41.33 2.61 0.00	35.86 2.24 0.00	32.17 1.61 -7.11
N.TROY___115KV_TB1 355778	35.19 1.44 -1.20	34.50 1.35 0.00	32.02 1.27 0.00	24.37 0.99 0.00	22.83 0.89 0.00	23.19 0.64 -7.55	32.82 0.77 -13.61	34.26 0.64 -17.81	33.41 1.17 0.00	36.90 1.22 0.00	32.40 1.10 0.00	34.12 1.20 0.00	32.45 1.08 0.00	35.28 1.20 0.00	33.57 1.14 0.00	34.20 1.15 0.00	38.58 1.46 0.00	44.02 1.65 0.00	49.58 1.92 0.00	44.48 1.72 0.00	44.92 1.79 0.00	40.29 1.57 0.00	34.95 1.34 0.00	32.64 0.96 -8.23
NARROWS_GT1_1 24228	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT1_2 24229	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11

NARROWS_GT1_3 24230	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT1_4 24231	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT1_5 24232	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT1_6 24233	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT1_7 24234	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT1_8 24235	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT2_1 24236	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT2_2 24237	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT2_3 24238	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT2_4 24239	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT2_5 24240	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT2_6 24241	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT2_7 24242	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NARROWS_GT2_8 24243	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.75 3.38 0.00	51.30 3.64 0.00	45.76 3.00 0.00	46.26 3.14 0.00	41.53 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.34 1.64 -1.14	34.73 1.58 0.00	32.23 1.48 0.00	24.52 1.14 0.00	23.01 1.07 0.00	22.93 0.72 -7.21	32.26 0.86 -12.96	33.50 0.70 -16.98	33.63 1.39 0.00	37.18 1.51 0.00	32.65 1.35 0.00	34.42 1.50 0.00	32.71 1.34 0.00	35.63 1.55 0.00	33.90 1.47 0.00	34.59 1.53 0.00	38.96 1.85 0.00	44.47 2.11 0.00	50.08 2.42 0.00	44.93 2.17 0.00	45.39 2.27 0.00	40.74 2.02 0.00	35.27 1.66 0.00	32.45 1.15 -7.85

NCHELSEA_115KV_TR2 355582	35.73 2.14 -1.04	35.18 2.03 0.00	32.58 1.83 0.00	24.80 1.42 0.00	23.33 1.39 0.00	22.51 0.97 -6.54	31.48 1.28 -11.76	32.40 1.14 -15.44	34.42 2.18 0.00	38.14 2.47 0.00	33.65 2.36 0.00	35.41 2.49 0.00	33.76 2.38 0.00	36.61 2.53 0.00	34.85 2.42 0.00	35.51 2.46 0.00	39.91 2.80 0.00	45.53 3.17 0.00	51.22 3.56 0.00	45.73 2.97 0.00	46.20 3.08 0.00	41.40 2.68 0.00	35.89 2.28 0.00	32.15 1.56 -7.15
NEG CAPITAL___MECHNVIL 23645	35.62 1.85 -1.21	34.94 1.79 0.00	32.42 1.67 0.00	24.67 1.29 0.00	23.12 1.18 0.00	23.45 0.83 -7.62	33.20 1.03 -13.74	34.64 0.86 -17.97	33.85 1.61 0.00	37.36 1.69 0.00	32.77 1.47 0.00	34.53 1.61 0.00	32.82 1.43 0.00	35.65 1.57 0.00	33.92 1.49 0.00	34.60 1.54 0.00	39.06 1.95 0.00	44.61 2.25 0.00	50.32 2.65 0.00	45.16 2.40 0.00	45.62 2.50 0.00	40.91 2.19 0.00	35.46 1.85 0.00	33.02 1.27 -8.30
NEG CENTRAL_HIGH_ACRES 23767	30.57 -1.67 0.32	31.64 -1.51 0.00	29.32 -1.43 0.00	22.28 -1.11 0.00	20.94 -1.00 0.00	15.09 -0.71 -0.81	19.00 -0.89 -1.45	16.92 -0.75 -1.85	30.73 -1.51 0.00	34.04 -1.63 0.00	29.82 -1.48 0.00	31.34 -1.58 0.00	29.87 -1.51 0.00	32.46 -1.62 0.00	30.81 -1.62 0.00	31.48 -1.58 0.00	35.34 -1.77 0.00	40.32 -2.05 0.00	45.21 -2.45 0.00	40.62 -2.14 0.00	41.17 -1.96 0.00	37.01 -1.71 0.00	32.19 -1.42 0.00	23.28 -1.01 -0.85
NEG CENTRAL___DRP 24199	34.31 -0.47 -2.22	35.82 -0.34 -3.01	32.96 -0.36 -2.57	26.59 -0.30 -3.51	25.17 -0.27 -3.50	18.89 -0.22 -4.12	23.26 -0.26 -5.08	21.08 -0.18 -5.44	35.88 -0.40 -4.04	39.48 -0.41 -4.22	34.18 -0.41 -3.29	35.26 -0.44 -2.79	31.15 -0.43 -0.19	34.30 -0.44 -0.65	35.62 -0.47 -3.66	35.93 -0.46 -3.34	41.05 -0.50 -4.44	46.79 -0.55 -4.97	52.95 -0.62 -5.90	47.36 -0.58 -5.19	47.41 -0.44 -4.72	42.81 -0.39 -4.48	37.36 -0.37 -4.11	27.77 -0.29 -4.61
NEG CENTRAL___INDECK 23768	58.33 -0.81 -26.59	64.20 -0.60 -31.65	57.02 -0.72 -26.99	59.67 -0.61 -36.90	58.16 -0.54 -36.76	49.51 -0.43 -34.94	56.32 -0.51 -38.39	53.39 -0.41 -37.98	73.73 -0.82 -42.32	79.10 -0.80 -44.23	65.02 -0.77 -34.49	61.26 -0.85 -29.19	32.66 -0.77 -2.05	39.91 -1.00 -6.83	69.69 -1.07 -38.33	67.09 -0.91 -34.94	82.65 -1.04 -46.58	93.41 -1.05 -52.09	108.22 -1.27 -61.83	96.12 -0.98 -54.34	91.95 -0.69 -49.52	85.08 -0.61 -46.97	76.19 -0.52 -43.10	62.58 -0.48 -39.61
NEG CENTRAL___SENECA 23627	35.48 -0.61 -3.54	37.50 -0.45 -4.80	34.37 -0.47 -4.09	28.58 -0.39 -5.59	27.17 -0.34 -5.57	20.83 -0.28 -6.11	25.40 -0.33 -7.29	23.21 -0.25 -7.64	38.14 -0.52 -6.43	41.83 -0.55 -6.71	35.98 -0.55 -5.23	36.75 -0.60 -4.43	31.16 -0.53 -0.31	34.54 -0.57 -1.04	37.64 -0.61 -5.82	37.79 -0.57 -5.30	43.54 -0.64 -7.07	49.57 -0.71 -7.91	56.25 -0.68 -9.39	50.33 -0.68 -8.25	50.14 -0.50 -7.52	45.37 -0.48 -7.13	39.72 -0.43 -6.54	29.96 -0.36 -6.87
NEG CENTRAL___STATE_STREET 24147	32.31 -0.08 0.17	33.16 0.00 0.00	30.75 -0.01 0.00	23.37 -0.01 0.00	21.87 -0.07 0.00	15.82 -0.07 -0.90	19.97 -0.09 -1.62	17.88 0.01 -2.06	32.23 -0.01 0.00	35.68 0.01 0.00	31.27 -0.02 0.00	32.89 -0.03 0.00	31.24 -0.14 0.00	33.99 -0.09 0.00	32.36 -0.07 0.00	32.89 -0.17 0.00	37.04 -0.07 0.00	42.31 -0.05 0.00	47.61 -0.05 0.00	42.56 -0.20 0.00	43.01 -0.12 0.00	38.71 -0.01 0.00	33.52 -0.09 0.00	24.31 -0.08 -0.94
NEG MILLWOOD___DRP 24198	35.77 2.17 -1.04	35.23 2.07 0.00	32.61 1.86 0.00	24.83 1.45 0.00	23.35 1.41 0.00	22.56 0.99 -6.58	31.57 1.31 -11.82	32.50 1.17 -15.51	34.49 2.25 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.49 2.57 0.00	33.84 2.46 0.00	36.68 2.60 0.00	34.92 2.48 0.00	35.58 2.52 0.00	39.99 2.87 0.00	45.63 3.26 0.00	51.31 3.65 0.00	45.81 3.05 0.00	46.28 3.15 0.00	41.48 2.76 0.00	35.95 2.34 0.00	32.23 1.60 -7.18
NEG NORTH_FLCN_SEA 23793	33.10 0.54 0.00	33.71 0.56 0.00	31.33 0.57 0.00	23.82 0.43 0.00	22.25 0.30 0.00	15.19 0.20 0.00	18.69 0.25 0.00	15.96 0.14 0.00	32.51 0.27 0.00	35.88 0.21 0.00	31.40 0.10 0.00	32.82 -0.10 0.00	31.24 -0.14 0.00	34.04 -0.04 0.00	32.41 -0.02 0.00	33.11 0.05 0.00	37.15 0.04 0.00	42.47 0.10 0.00	47.88 0.21 0.00	43.05 0.29 0.00	43.46 0.33 0.00	39.11 0.39 0.00	33.96 0.35 0.00	23.52 0.08 0.00
NEG NORTH_KES_CHATEGAY 23792	32.43 -0.13 0.00	33.01 -0.14 0.00	30.66 -0.09 0.00	23.30 -0.08 0.00	21.82 -0.12 0.00	14.90 -0.09 0.00	18.27 -0.17 0.00	15.61 -0.20 0.00	31.95 -0.29 0.00	35.33 -0.34 0.00	30.89 -0.40 0.00	32.42 -0.51 0.00	30.93 -0.45 0.00	33.67 -0.40 0.00	32.09 -0.34 0.00	32.75 -0.31 0.00	36.72 -0.40 0.00	42.05 -0.32 0.00	47.39 -0.28 0.00	42.62 -0.14 0.00	43.01 -0.12 0.00	38.71 -0.01 0.00	33.61 0.00 0.00	23.35 -0.10 0.00
NEG NORTH___ALICE_FALLS 23915	33.04 0.48 0.00	33.64 0.49 0.00	31.26 0.50 0.00	23.75 0.37 0.00	22.20 0.26 0.00	15.16 0.16 0.00	18.63 0.19 0.00	15.90 0.08 0.00	32.39 0.15 0.00	35.78 0.10 0.00	31.31 0.01 0.00	32.74 -0.18 0.00	31.18 -0.20 0.00	33.97 -0.11 0.00	32.36 -0.07 0.00	33.05 -0.01 0.00	37.11 -0.01 0.00	42.48 0.12 0.00	47.90 0.23 0.00	43.09 0.33 0.00	43.52 0.39 0.00	39.17 0.45 0.00	34.00 0.39 0.00	23.56 0.11 0.00
NEG NORTH___LWR_SARANAC 23913	33.04 0.48 0.00	33.64 0.49 0.00	31.26 0.50 0.00	23.75 0.37 0.00	22.20 0.26 0.00	15.16 0.16 0.00	18.63 0.19 0.00	15.90 0.08 0.00	32.39 0.15 0.00	35.78 0.10 0.00	31.31 0.01 0.00	32.74 -0.18 0.00	31.18 -0.20 0.00	33.97 -0.11 0.00	32.36 -0.07 0.00	33.05 -0.01 0.00	37.11 -0.01 0.00	42.48 0.12 0.00	47.90 0.23 0.00	43.09 0.33 0.00	43.52 0.39 0.00	39.17 0.45 0.00	34.00 0.39 0.00	23.56 0.11 0.00
NEG NORTH___PLATTSBURG 23628	33.04 0.48 0.00	33.64 0.49 0.00	31.26 0.50 0.00	23.75 0.37 0.00	22.20 0.26 0.00	15.16 0.17 0.00	18.63 0.19 0.00	15.90 0.08 0.00	32.40 0.15 0.00	35.78 0.10 0.00	31.31 0.01 0.00	32.74 -0.18 0.00	31.18 -0.20 0.00	33.97 -0.11 0.00	32.36 -0.08 0.00	33.05 -0.01 0.00	37.10 -0.01 0.00	42.48 0.11 0.00	47.90 0.23 0.00	43.09 0.33 0.00	43.51 0.38 0.00	39.17 0.44 0.00	34.00 0.39 0.00	23.56 0.12 0.00
NEG WEST_LEA_LOCKPORT 23791	21.01 -3.04 8.51	21.57 -2.55 9.03	20.66 -2.40 7.70	11.03 -1.83 10.53	9.81 -1.64 10.49	5.18 -1.20 8.61	8.43 -1.50 8.51	6.79 -1.32 7.70	17.27 -2.91 12.06	19.85 -3.22 12.60	18.53 -2.94 9.83	21.42 -3.19 8.32	27.66 -3.14 0.58	28.73 -3.40 1.95	18.14 -3.37 10.92	19.86 -3.23 9.96	20.08 -3.76 13.27	23.06 -4.47 14.85	24.66 -5.38 17.62	22.70 -4.58 15.49	24.87 -4.15 14.11	21.98 -3.36 13.38	18.82 -2.51 12.28	11.86 -1.73 9.86
NEG WEST___LANCASTR 23811	20.67 -2.94 8.94	21.35 -2.44 9.36	20.36 -2.41 7.98	10.64 -1.83 10.91	9.38 -1.68 10.87	4.95 -1.24 8.80	8.30 -1.53 8.60	6.78 -1.33 7.70	16.86 -2.88 12.50	19.50 -3.11 13.07	18.22 -2.88 10.19	21.21 -3.09 8.63	27.68 -3.09 0.61	28.75 -3.31 2.02	17.81 -3.29 11.33	19.60 -3.13 10.33	19.68 -3.67 13.76	22.69 -4.28 15.39	24.30 -5.10 18.27	22.20 -4.50 16.06	24.44 -4.05 14.63	21.48 -3.36 13.88	18.27 -2.61 12.73	11.51 -1.84 10.09

NEG_PENN_ALLEGHNY 23528	33.94 -0.05 -1.44	33.23 0.08 0.00	30.79 0.03 0.00	23.39 0.01 0.00	21.98 0.04 0.00	17.35 0.01 -2.34	22.67 0.02 -4.21	21.21 0.04 -5.35	32.23 -0.01 0.00	35.71 0.04 0.00	31.33 0.03 0.00	32.96 0.03 0.00	31.42 0.04 0.00	34.12 0.04 0.00	32.41 -0.02 0.00	33.12 0.06 0.00	37.14 0.03 0.00	42.38 0.01 0.00	47.67 0.00 0.00	42.68 -0.07 0.00	43.18 0.05 0.00	38.74 0.02 0.00	33.65 0.04 0.00	25.89 0.00 -2.45
NEG___GEN_MONROE 24207	29.67 -1.35 1.54	30.73 -1.12 1.30	28.59 -1.05 1.11	21.05 -0.81 1.52	19.71 -0.72 1.51	13.91 -0.53 0.55	17.80 -0.65 -0.01	15.73 -0.57 -0.48	29.28 -1.23 1.73	32.53 -1.33 1.81	28.68 -1.21 1.41	30.44 -1.29 1.19	30.06 -1.24 0.08	32.48 -1.32 0.28	29.50 -1.36 1.57	30.35 -1.27 1.43	33.72 -1.49 1.90	38.49 -1.74 2.13	42.97 -2.16 2.53	38.71 -1.83 2.22	39.58 -1.52 2.02	35.54 -1.26 1.92	30.91 -0.94 1.76	22.09 -0.67 0.69
NEPA___ENERGY 23901	19.47 -2.91 10.17	20.17 -2.22 10.76	19.45 -2.12 9.17	9.14 -1.69 12.55	7.94 -1.50 12.50	3.55 -1.15 10.29	6.84 -1.40 10.20	5.35 -1.22 9.25	15.17 -2.70 14.37	17.83 -2.82 15.02	16.92 -2.66 11.71	20.19 -2.82 9.91	27.91 -2.77 0.70	28.68 -3.07 2.32	16.23 -3.18 13.02	18.31 -2.88 11.87	17.77 -3.52 15.82	20.56 -4.11 17.69	21.95 -4.72 21.00	19.90 -4.41 18.45	22.34 -3.96 16.82	19.43 -3.34 15.95	16.42 -2.56 14.64	9.81 -1.86 11.78
NEVERSINK___HYD 23608	35.56 2.05 -0.96	35.08 1.93 0.00	32.49 1.73 0.00	24.72 1.35 0.00	23.26 1.32 0.00	21.97 0.94 -6.04	30.50 1.21 -10.85	31.41 1.07 -14.52	34.31 2.07 0.00	38.06 2.38 0.00	33.56 2.26 0.00	35.31 2.39 0.00	33.68 2.30 0.00	36.53 2.45 0.00	34.78 2.35 0.00	35.47 2.42 0.00	39.81 2.70 0.00	45.48 3.11 0.00	51.15 3.49 0.00	45.67 2.91 0.00	46.16 3.04 0.00	41.36 2.64 0.00	35.83 2.22 0.00	31.73 1.51 -6.77
NEWKRMKL_115KV_TB1 55635	34.83 1.09 -1.19	34.19 1.04 0.00	31.74 0.98 0.00	24.16 0.78 0.00	22.67 0.72 0.00	22.98 0.50 -7.49	32.48 0.57 -13.47	33.91 0.47 -17.62	33.07 0.82 0.00	36.56 0.89 0.00	32.14 0.84 0.00	33.84 0.92 0.00	32.19 0.81 0.00	35.01 0.93 0.00	33.31 0.88 0.00	33.93 0.87 0.00	38.22 1.11 0.00	43.53 1.17 0.00	48.98 1.31 0.00	43.94 1.18 0.00	44.34 1.22 0.00	39.84 1.12 0.00	34.54 0.93 0.00	32.30 0.71 -8.14
NEWTON___FALLS_HYD 23847	32.18 -0.40 -0.03	32.63 -0.53 0.00	30.23 -0.53 0.00	22.93 -0.45 0.00	21.50 -0.44 0.00	14.85 -0.35 -0.21	18.37 -0.45 -0.37	15.90 -0.40 -0.48	31.50 -0.73 0.00	34.99 -0.68 0.00	30.46 -0.83 0.00	31.79 -1.13 0.00	30.54 -0.84 0.00	32.87 -1.21 0.00	31.29 -1.15 0.00	32.01 -1.05 0.00	35.76 -1.35 0.00	40.98 -1.39 0.00	46.40 -1.26 0.00	41.81 -0.95 0.00	42.14 -0.99 0.00	37.89 -0.83 0.00	32.85 -0.76 0.00	22.99 -0.68 -0.22
NGRID_A1_DSASP 323792	20.31 -3.42 8.82	20.85 -2.94 9.37	20.03 -2.73 7.99	10.40 -2.07 10.92	9.20 -1.86 10.88	4.69 -1.35 8.95	7.90 -1.69 8.86	6.30 -1.49 8.03	16.48 -3.25 12.51	18.96 -3.63 13.08	17.79 -3.31 10.20	20.71 -3.58 8.63	27.20 -3.57 0.61	28.21 -3.84 2.02	17.33 -3.77 11.33	19.07 -3.66 10.33	19.10 -4.25 13.77	21.99 -4.98 15.40	23.44 -5.94 18.28	21.61 -5.08 16.07	23.87 -4.61 14.64	21.02 -3.81 13.89	17.98 -2.89 12.74	11.22 -1.98 10.25
NGRID_A2_DSASP 323793	20.31 -3.42 8.82	20.85 -2.94 9.37	20.03 -2.73 7.99	10.40 -2.07 10.92	9.20 -1.86 10.88	4.69 -1.35 8.95	7.90 -1.69 8.86	6.30 -1.49 8.03	16.48 -3.25 12.51	18.96 -3.63 13.08	17.79 -3.31 10.20	20.71 -3.58 8.63	27.20 -3.57 0.61	28.21 -3.84 2.02	17.33 -3.77 11.33	19.07 -3.66 10.33	19.10 -4.25 13.77	21.99 -4.98 15.40	23.44 -5.94 18.28	21.61 -5.08 16.07	23.87 -4.61 14.64	21.02 -3.81 13.89	17.98 -2.89 12.74	11.22 -1.98 10.25
NGRID_A4_DSASP 323807	20.31 -3.42 8.82	20.85 -2.94 9.37	20.03 -2.73 7.99	10.40 -2.07 10.92	9.20 -1.86 10.88	4.69 -1.35 8.95	7.90 -1.69 8.86	6.30 -1.49 8.03	16.48 -3.25 12.51	18.96 -3.63 13.08	17.79 -3.31 10.20	20.71 -3.58 8.63	27.20 -3.57 0.61	28.21 -3.84 2.02	17.33 -3.77 11.33	19.07 -3.66 10.33	19.10 -4.25 13.77	21.99 -4.98 15.40	23.44 -5.94 18.28	21.61 -5.08 16.07	23.87 -4.61 14.64	21.02 -3.81 13.89	17.98 -2.89 12.74	11.22 -1.98 10.25
NIAGARA_115E_LBMP 323715	20.53 -3.40 8.63	21.18 -2.83 9.15	20.27 -2.69 7.80	10.69 -2.02 10.66	9.50 -1.82 10.62	4.94 -1.34 8.71	8.16 -1.67 8.61	6.55 -1.47 7.79	16.91 -3.11 12.22	19.45 -3.45 12.77	18.15 -3.19 9.96	21.02 -3.47 8.43	27.27 -3.52 0.59	28.33 -3.77 1.97	17.74 -3.63 11.07	19.50 -3.47 10.09	19.69 -3.98 13.45	22.54 -4.79 15.04	23.99 -5.82 17.85	22.16 -4.90 15.69	24.24 -4.59 14.30	21.49 -3.67 13.56	18.41 -2.75 12.44	11.53 -1.93 9.98
NIAGARA_115W_LBMP 323714	20.33 -3.44 8.78	20.91 -2.91 9.33	20.05 -2.75 7.95	10.42 -2.08 10.88	9.24 -1.87 10.83	4.72 -1.37 8.91	7.91 -1.71 8.81	6.32 -1.51 7.99	16.61 -3.17 12.46	19.11 -3.55 13.02	17.87 -3.27 10.16	20.76 -3.56 8.59	27.16 -3.62 0.60	28.21 -3.86 2.01	17.42 -3.72 11.28	19.20 -3.57 10.29	19.30 -4.10 13.71	22.20 -4.83 15.34	23.69 -5.77 18.20	21.83 -4.93 16.00	24.01 -4.53 14.58	21.14 -3.75 13.83	18.07 -2.86 12.69	11.25 -2.00 10.20
NIAGARA_230_LBMP 323716	20.81 -3.27 8.47	21.38 -2.78 8.99	20.48 -2.61 7.66	10.90 -2.00 10.48	9.70 -1.80 10.44	5.13 -1.31 8.55	8.35 -1.65 8.44	6.73 -1.45 7.63	17.18 -3.06 12.00	19.71 -3.42 12.54	18.36 -3.16 9.78	21.20 -3.44 8.28	27.44 -3.36 0.58	28.51 -3.63 1.94	17.95 -3.61 10.87	19.69 -3.45 9.91	19.94 -3.96 13.21	22.91 -4.68 14.78	24.52 -5.60 17.54	22.55 -4.80 15.41	24.66 -4.42 14.05	21.76 -3.64 13.32	18.61 -2.77 12.23	11.71 -1.94 9.80
NIAGARA___115KV_198_GIBSON 55903	20.31 -3.46 8.78	20.85 -2.97 9.33	20.03 -2.77 7.95	10.42 -2.09 10.88	9.22 -1.89 10.83	4.72 -1.37 8.91	7.92 -1.70 8.81	6.32 -1.51 7.99	16.50 -3.28 12.46	18.98 -3.68 13.02	17.80 -3.34 10.16	20.70 -3.63 8.59	27.15 -3.63 0.60	28.17 -3.90 2.01	17.34 -3.81 11.28	19.07 -3.70 10.29	19.11 -4.29 13.71	22.01 -5.03 15.34	23.47 -6.00 18.20	21.63 -5.13 16.00	23.89 -4.66 14.58	21.03 -3.86 13.83	18.00 -2.93 12.69	11.24 -2.02 10.20
NIAGARA____ 23760	20.74 -3.27 8.55	21.29 -2.78 9.08	20.40 -2.61 7.74	10.79 -2.00 10.59	9.58 -1.80 10.56	5.02 -1.31 8.67	8.23 -1.65 8.56	6.63 -1.45 7.73	17.08 -3.06 12.10	19.62 -3.42 12.64	18.28 -3.16 9.86	21.14 -3.44 8.34	27.43 -3.36 0.59	28.50 -3.63 1.95	17.88 -3.61 10.94	19.63 -3.45 9.97	19.86 -3.96 13.29	22.82 -4.68 14.87	24.41 -5.60 17.66	22.45 -4.80 15.51	24.57 -4.42 14.14	21.68 -3.64 13.40	18.52 -2.77 12.31	11.61 -1.94 9.90
NINE_MILE_1 23575	31.71 -0.92 -0.07	32.26 -0.89 0.00	29.91 -0.85 0.00	22.73 -0.65 0.00	21.35 -0.59 0.00	15.02 -0.41 -0.44	18.72 -0.52 -0.80	16.41 -0.43 -1.02	31.33 -0.91 0.00	34.70 -0.97 0.00	30.43 -0.87 0.00	32.01 -0.92 0.00	30.50 -0.88 0.00	33.12 -0.96 0.00	31.52 -0.91 0.00	32.10 -0.96 0.00	36.03 -1.09 0.00	41.11 -1.26 0.00	46.22 -1.45 0.00	41.44 -1.32 0.00	41.87 -1.26 0.00	37.59 -1.13 0.00	32.66 -0.96 0.00	23.28 -0.64 -0.47

NINE_MILE_2 23744	31.72 -0.91 -0.07	32.26 -0.89 0.00	29.92 -0.83 0.00	22.74 -0.64 0.00	21.35 -0.59 0.00	15.02 -0.41 -0.44	18.73 -0.51 -0.80	16.41 -0.43 -1.02	31.34 -0.90 0.00	34.70 -0.97 0.00	30.43 -0.86 0.00	32.01 -0.92 0.00	30.51 -0.87 0.00	33.12 -0.96 0.00	31.52 -0.91 0.00	32.10 -0.96 0.00	36.03 -1.08 0.00	41.11 -1.26 0.00	46.23 -1.44 0.00	41.45 -1.31 0.00	41.87 -1.25 0.00	37.59 -1.13 0.00	32.66 -0.95 0.00	23.28 -0.64 -0.47
NM_CAPITAL___DRP 24208	34.88 1.14 -1.19	34.23 1.08 0.00	31.77 1.02 0.00	24.19 0.81 0.00	22.68 0.74 0.00	22.98 0.52 -7.47	32.51 0.63 -13.45	33.91 0.51 -17.59	33.14 0.90 0.00	36.64 0.97 0.00	32.21 0.91 0.00	33.92 0.99 0.00	32.26 0.88 0.00	35.09 1.01 0.00	33.39 0.96 0.00	34.00 0.94 0.00	38.29 1.18 0.00	43.63 1.26 0.00	49.08 1.42 0.00	44.04 1.28 0.00	44.45 1.32 0.00	39.92 1.20 0.00	34.62 1.01 0.00	32.35 0.77 -8.13
NM_CENTRAL___DRP 24181	32.25 -0.41 -0.10	32.79 -0.36 0.00	30.39 -0.37 0.00	23.09 -0.29 0.00	21.68 -0.26 0.00	15.44 -0.19 -0.63	19.35 -0.23 -1.14	17.10 -0.18 -1.46	31.84 -0.39 0.00	35.28 -0.40 0.00	30.94 -0.36 0.00	32.54 -0.38 0.00	31.03 -0.35 0.00	33.68 -0.40 0.00	32.02 -0.41 0.00	32.64 -0.41 0.00	36.63 -0.48 0.00	41.81 -0.56 0.00	47.03 -0.64 0.00	42.17 -0.59 0.00	42.63 -0.50 0.00	38.25 -0.47 0.00	33.22 -0.40 0.00	23.84 -0.27 -0.67
NM_FRONTIER___DRP 24179	20.31 -3.46 8.78	20.85 -2.97 9.33	20.03 -2.77 7.95	10.42 -2.09 10.88	9.22 -1.89 10.83	4.72 -1.37 8.91	7.92 -1.70 8.81	6.32 -1.51 7.99	16.50 -3.28 12.46	18.98 -3.68 13.02	17.80 -3.34 10.16	20.70 -3.63 8.59	27.15 -3.63 0.60	28.17 -3.90 2.01	17.34 -3.81 11.28	19.07 -3.70 10.29	19.11 -4.29 13.71	22.01 -5.03 15.34	23.47 -6.00 18.20	21.63 -5.13 16.00	23.89 -4.66 14.58	21.03 -3.86 13.83	18.00 -2.93 12.69	11.24 -2.02 10.20
NM_ST_REGIS___HYD 24053	32.22 -0.35 -0.02	32.78 -0.37 0.00	30.42 -0.33 0.00	23.11 -0.27 0.00	21.66 -0.28 0.00	14.88 -0.21 -0.10	18.31 -0.30 -0.17	15.74 -0.29 -0.22	31.72 -0.51 0.00	35.10 -0.57 0.00	30.65 -0.65 0.00	32.13 -0.79 0.00	30.73 -0.65 0.00	33.38 -0.70 0.00	31.77 -0.66 0.00	32.44 -0.61 0.00	36.27 -0.84 0.00	41.63 -0.74 0.00	46.94 -0.72 0.00	42.29 -0.47 0.00	42.68 -0.45 0.00	38.51 -0.21 0.00	33.39 -0.22 0.00	23.29 -0.26 -0.10
NORTHPORT___1 23551	37.98 2.95 -2.48	40.29 2.91 -4.23	37.94 2.68 -4.51	31.29 2.10 -5.81	37.07 1.94 -13.19	22.80 1.29 -6.52	31.97 1.81 -11.71	32.78 1.59 -15.38	39.31 2.97 -4.10	81.58 3.37 -42.54	50.11 3.02 -15.79	44.13 3.15 -8.06	34.33 2.93 -0.02	41.14 3.06 -4.00	35.37 2.94 0.00	36.11 3.06 0.00	41.38 3.44 -0.83	50.57 3.88 -4.33	51.91 4.15 -0.09	48.29 3.63 -1.92	46.74 3.61 0.00	42.01 3.29 0.00	42.46 3.05 -5.79	32.56 1.99 -7.11
NORTHPORT___2 23552	37.98 2.95 -2.48	40.29 2.91 -4.23	37.94 2.68 -4.51	31.29 2.10 -5.81	37.07 1.94 -13.19	22.80 1.29 -6.52	31.97 1.81 -11.71	32.78 1.59 -15.38	39.31 2.97 -4.10	81.58 3.37 -42.54	50.11 3.02 -15.79	44.13 3.15 -8.06	34.33 2.93 -0.02	41.14 3.06 -4.00	35.37 2.94 0.00	36.11 3.06 0.00	41.38 3.44 -0.83	50.57 3.88 -4.33	51.91 4.15 -0.09	48.29 3.63 -1.92	46.74 3.61 0.00	42.01 3.29 0.00	42.46 3.05 -5.79	32.56 1.99 -7.11
NORTHPORT___3 23553	37.89 2.86 -2.48	40.22 2.84 -4.23	37.87 2.61 -4.51	31.23 2.04 -5.81	37.03 1.89 -13.19	22.77 1.26 -6.52	31.92 1.77 -11.71	32.74 1.55 -15.38	39.25 2.92 -4.10	81.50 3.29 -42.54	50.04 2.95 -15.79	44.07 3.10 -8.06	34.29 2.89 -0.02	41.11 3.03 -4.00	35.33 2.90 0.00	36.08 3.02 0.00	41.32 3.37 -0.83	50.48 3.78 -4.33	51.81 4.06 -0.09	48.20 3.53 -1.92	46.67 3.54 0.00	41.95 3.23 0.00	42.39 2.98 -5.79	32.52 1.95 -7.11
NORTHPORT___4 23650	37.89 2.86 -2.48	40.22 2.84 -4.23	37.87 2.61 -4.51	31.23 2.04 -5.81	37.03 1.89 -13.19	22.77 1.26 -6.52	31.92 1.77 -11.71	32.74 1.55 -15.38	39.25 2.92 -4.10	81.50 3.29 -42.54	50.04 2.95 -15.79	44.07 3.10 -8.06	34.29 2.89 -0.02	41.11 3.03 -4.00	35.33 2.90 0.00	36.08 3.02 0.00	41.32 3.37 -0.83	50.48 3.78 -4.33	51.81 4.06 -0.09	48.20 3.53 -1.92	46.67 3.54 0.00	41.95 3.23 0.00	42.39 2.98 -5.79	32.52 1.95 -7.11
NORTHPORT___IC 23718	37.98 2.95 -2.48	40.30 2.92 -4.23	37.94 2.68 -4.51	31.29 2.10 -5.81	37.07 1.94 -13.19	22.80 1.29 -6.52	31.97 1.81 -11.71	32.78 1.58 -15.38	39.34 3.00 -4.10	81.60 3.38 -42.54	50.12 3.03 -15.79	44.13 3.16 -8.06	34.33 2.93 -0.02	41.14 3.06 -4.00	35.37 2.94 0.00	36.13 3.07 0.00	41.40 3.45 -0.83	50.59 3.89 -4.33	51.99 4.23 -0.09	48.31 3.64 -1.92	46.74 3.61 0.00	42.03 3.31 0.00	42.47 3.06 -5.79	32.56 1.99 -7.11
NORTH___COUNTRY_ESR 323785	32.37 -0.19 0.00	32.96 -0.19 0.00	30.61 -0.14 0.00	23.26 -0.12 0.00	21.79 -0.15 0.00	14.87 -0.13 0.00	18.24 -0.20 0.00	15.61 -0.21 0.00	31.95 -0.30 0.00	35.32 -0.35 0.00	30.88 -0.41 0.00	32.41 -0.52 0.00	30.92 -0.46 0.00	33.67 -0.41 0.00	32.08 -0.34 0.00	32.74 -0.31 0.00	36.71 -0.41 0.00	42.02 -0.34 0.00	47.35 -0.31 0.00	42.55 -0.21 0.00	42.93 -0.19 0.00	38.64 -0.08 0.00	33.54 -0.07 0.00	23.31 -0.13 0.00
NPX_GEN_1385_PROXY 323591	37.85 2.81 -2.48	40.16 2.78 -4.23	37.95 2.69 -4.51	31.38 2.19 -5.81	37.07 1.94 -13.19	22.81 1.30 -6.52	32.28 2.13 -11.71	32.99 1.79 -15.38	39.18 2.85 -4.10	81.44 3.22 -42.54	49.91 2.83 -15.79	43.91 2.93 -8.06	33.90 2.51 -0.02	40.29 2.22 -4.00	34.84 2.41 0.00	35.80 2.75 0.00	41.02 3.07 -0.83	50.17 3.47 -4.33	51.46 3.71 -0.09	48.30 3.63 -1.92	46.62 3.49 0.00	42.23 3.51 0.00	42.78 3.37 -5.79	32.56 2.00 -7.11
NPX_GEN_CSC 323557	38.83 3.80 -2.48	41.15 3.76 -4.23	38.72 3.45 -4.51	31.85 2.65 -5.81	37.57 2.44 -13.19	23.08 1.57 -6.52	32.30 2.14 -11.71	33.06 1.87 -15.38	39.98 3.64 -4.10	82.42 4.21 -42.54	50.65 3.56 -15.79	44.59 3.61 -8.06	34.62 3.22 -0.02	41.49 3.41 -4.00	35.61 3.18 0.00	36.47 3.42 0.00	41.81 3.87 -0.83	51.37 4.67 -4.33	52.79 5.03 -0.09	49.06 4.39 -1.92	47.24 4.11 0.00	42.34 3.62 0.00	42.85 3.44 -5.79	32.80 2.24 -7.11
NSINS_S_GLNS_FALLS 23858	36.13 2.36 -1.21	35.46 2.30 0.00	32.92 2.17 0.00	25.07 1.69 0.00	23.46 1.52 0.00	23.75 1.09 -7.66	33.61 1.37 -13.80	34.99 1.13 -18.05	34.37 2.13 0.00	37.78 2.10 0.00	32.96 1.67 0.00	34.82 1.90 0.00	33.02 1.64 0.00	35.82 1.74 0.00	34.01 1.58 0.00	34.77 1.71 0.00	39.47 2.36 0.00	45.11 2.74 0.00	51.10 3.44 0.00	45.90 3.14 0.00	46.38 3.26 0.00	41.57 2.85 0.00	36.03 2.42 0.00	33.41 1.62 -8.34
NUCOR_STEEL___DRP 24197	32.36 -0.08 0.12	33.15 0.00 0.00	30.76 0.00 0.00	23.38 0.00 0.00	21.87 -0.07 0.00	15.78 -0.08 -0.86	19.91 -0.09 -1.55	17.80 0.01 -1.97	32.24 0.00 0.00	35.69 0.02 0.00	31.28 -0.02 0.00	32.90 -0.03 0.00	31.23 -0.15 0.00	33.99 -0.09 0.00	32.36 -0.07 0.00	32.88 -0.18 0.00	37.05 -0.06 0.00	42.31 -0.05 0.00	47.61 -0.05 0.00	42.52 -0.23 0.00	42.99 -0.14 0.00	38.69 -0.03 0.00	33.50 -0.11 0.00	24.27 -0.09 -0.90

NUMBER_THREE_WT_PWR 323818	32.69 0.08 -0.05	33.02 -0.13 0.00	30.58 -0.18 0.00	23.15 -0.23 0.00	21.69 -0.25 0.00	15.06 -0.23 -0.30	18.70 -0.28 -0.54	16.27 -0.23 -0.69	31.88 -0.36 0.00	35.52 -0.15 0.00	30.79 -0.51 0.00	31.95 -0.97 0.00	30.83 -0.55 0.00	32.89 -1.19 0.00	31.37 -1.06 0.00	32.16 -0.90 0.00	35.80 -1.32 0.00	40.91 -1.46 0.00	46.50 -1.17 0.00	41.93 -0.83 0.00	42.13 -0.99 0.00	37.72 -1.00 0.00	32.69 -0.93 0.00	22.93 -0.83 -0.31
NYISO_LBMP_REFERENCE 24008	32.56 0.00 0.00	33.15 0.00 0.00	30.75 0.00 0.00	23.38 0.00 0.00	21.94 0.00 0.00	14.99 0.00 0.00	18.44 0.00 0.00	15.81 0.00 0.00	32.24 0.00 0.00	35.67 0.00 0.00	31.30 0.00 0.00	32.92 0.00 0.00	31.38 0.00 0.00	34.08 0.00 0.00	32.43 0.00 0.00	33.06 0.00 0.00	37.11 0.00 0.00	42.37 0.00 0.00	47.66 0.00 0.00	42.76 0.00 0.00	43.13 0.00 0.00	38.72 0.00 0.00	33.61 0.00 0.00	23.45 0.00 0.00
NYPA_BRENTWD____GT 24164	38.38 3.35 -2.48	40.69 3.31 -4.23	38.30 3.04 -4.51	31.54 2.35 -5.81	37.31 2.18 -13.19	22.96 1.44 -6.52	32.15 1.99 -11.71	32.94 1.75 -15.38	39.70 3.36 -4.10	82.02 3.81 -42.54	50.52 3.43 -15.79	44.55 3.58 -8.06	34.73 3.33 -0.02	41.58 3.50 -4.00	35.77 3.33 0.00	36.53 3.48 0.00	41.86 3.91 -0.83	51.15 4.45 -4.33	52.41 4.66 -0.09	48.72 4.05 -1.92	47.17 4.04 0.00	42.40 3.68 0.00	42.84 3.44 -5.79	32.82 2.26 -7.11
NYPA_GOWANUS____GT5 24156	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.74 3.37 0.00	51.29 3.63 0.00	45.75 2.99 0.00	46.26 3.13 0.00	41.52 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NYPA_GOWANUS____GT6 24157	35.92 2.33 -1.03	35.37 2.21 0.00	32.75 2.00 0.00	24.95 1.57 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.43 -11.71	32.48 1.28 -15.38	34.65 2.41 0.00	38.43 2.75 0.00	33.91 2.61 0.00	35.65 2.73 0.00	34.00 2.62 0.00	36.85 2.77 0.00	35.07 2.64 0.00	35.75 2.69 0.00	40.11 3.00 0.00	45.74 3.37 0.00	51.29 3.63 0.00	45.75 2.99 0.00	46.26 3.13 0.00	41.52 2.80 0.00	35.98 2.37 0.00	32.20 1.64 -7.11
NYPA_HARLEM__RVR__GT1 24160	35.61 2.03 -1.03	35.10 1.95 0.00	32.51 1.75 0.00	24.75 1.37 0.00	23.31 1.37 0.00	22.48 0.97 -6.52	31.43 1.28 -11.71	32.34 1.15 -15.37	34.33 2.09 0.01	38.08 2.41 0.00	33.68 2.39 0.00	35.37 2.45 0.00	33.72 2.34 0.00	36.55 2.47 0.00	34.76 2.33 0.00	35.39 2.35 0.01	39.71 2.60 0.01	45.36 3.00 0.00	50.96 3.29 0.00	45.48 2.72 0.00	46.01 2.88 0.00	41.29 2.57 0.00	35.81 2.20 0.00	32.14 1.58 -7.11
NYPA_HARLEM__RVR__GT2 24161	35.61 2.03 -1.03	35.10 1.95 0.00	32.51 1.75 0.00	24.75 1.37 0.00	23.31 1.37 0.00	22.48 0.97 -6.52	31.43 1.28 -11.71	32.34 1.15 -15.37	34.33 2.09 0.01	38.08 2.41 0.00	33.68 2.39 0.00	35.37 2.45 0.00	33.72 2.34 0.00	36.55 2.47 0.00	34.76 2.33 0.00	35.39 2.35 0.01	39.71 2.60 0.01	45.36 3.00 0.00	50.96 3.29 0.00	45.48 2.72 0.00	46.01 2.88 0.00	41.29 2.57 0.00	35.81 2.20 0.00	32.14 1.58 -7.11
NYPA_KENT____GT 24152	35.88 2.29 -1.03	35.34 2.19 0.00	32.73 1.97 0.00	24.94 1.56 0.00	23.48 1.54 0.00	22.59 1.08 -6.52	31.57 1.41 -11.71	32.47 1.27 -15.38	34.63 2.39 0.00	38.40 2.72 0.00	33.89 2.59 0.00	35.63 2.71 0.00	33.98 2.60 0.00	36.83 2.75 0.00	35.05 2.62 0.00	35.71 2.66 0.00	40.07 2.96 0.00	45.71 3.35 0.00	51.29 3.63 0.00	45.75 2.99 0.00	46.25 3.13 0.00	41.50 2.78 0.00	35.96 2.34 0.00	32.19 1.62 -7.11
NYPA_POUCH1____GT 24155	35.89 2.30 -1.03	35.34 2.18 0.00	32.72 1.97 0.00	24.94 1.56 0.00	23.48 1.53 0.00	22.59 1.08 -6.52	31.57 1.41 -11.71	32.46 1.27 -15.38	34.62 2.38 0.00	38.39 2.71 0.00	33.87 2.58 0.00	35.61 2.69 0.00	33.96 2.58 0.00	36.81 2.73 0.00	35.03 2.60 0.00	35.71 2.66 0.00	40.07 2.95 0.00	45.69 3.32 0.00	51.24 3.58 0.00	45.70 2.94 0.00	46.22 3.09 0.00	41.50 2.78 0.00	35.96 2.34 0.00	32.19 1.62 -7.11
NYPA_VERNON____GT2 24162	35.86 2.27 -1.03	35.32 2.17 0.00	32.71 1.96 0.00	24.92 1.54 0.00	23.47 1.52 0.00	22.59 1.08 -6.52	31.56 1.40 -11.71	32.45 1.26 -15.38	34.61 2.37 0.00	38.38 2.70 0.00	33.86 2.56 0.00	35.61 2.68 0.00	33.96 2.58 0.00	36.81 2.73 0.00	35.02 2.59 0.00	35.69 2.63 0.00	40.05 2.93 0.00	45.68 3.32 0.00	51.28 3.62 0.00	45.75 2.98 0.00	46.23 3.11 0.00	41.46 2.74 0.00	35.93 2.32 0.00	32.17 1.60 -7.11
NYPA_VERNON____GT3 24163	35.86 2.27 -1.03	35.32 2.17 0.00	32.71 1.96 0.00	24.92 1.54 0.00	23.47 1.52 0.00	22.59 1.08 -6.52	31.56 1.40 -11.71	32.45 1.26 -15.38	34.61 2.37 0.00	38.38 2.70 0.00	33.86 2.56 0.00	35.61 2.68 0.00	33.96 2.58 0.00	36.81 2.73 0.00	35.02 2.59 0.00	35.69 2.63 0.00	40.05 2.93 0.00	45.68 3.32 0.00	51.28 3.62 0.00	45.75 2.98 0.00	46.23 3.11 0.00	41.46 2.74 0.00	35.93 2.32 0.00	32.17 1.60 -7.11
NYPA__ASTORIA_CC1 323568	35.83 2.24 -1.03	35.30 2.15 0.00	32.68 1.93 0.00	24.90 1.52 0.00	23.45 1.51 0.00	22.58 1.06 -6.52	31.54 1.39 -11.71	32.44 1.25 -15.38	34.58 2.34 0.00	38.34 2.67 0.00	33.84 2.54 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.77 2.69 0.00	34.99 2.56 0.00	35.66 2.60 0.00	40.01 2.89 0.00	45.65 3.28 0.00	51.25 3.59 0.00	45.71 2.95 0.00	46.20 3.08 0.00	41.43 2.71 0.00	35.90 2.28 0.00	32.14 1.58 -7.11
NYPA__ASTORIA_CC2 323569	35.83 2.24 -1.03	35.30 2.15 0.00	32.68 1.93 0.00	24.90 1.52 0.00	23.45 1.51 0.00	22.58 1.06 -6.52	31.54 1.39 -11.71	32.44 1.25 -15.38	34.58 2.34 0.00	38.34 2.67 0.00	33.84 2.54 0.00	35.58 2.66 0.00	33.93 2.55 0.00	36.77 2.69 0.00	34.99 2.56 0.00	35.66 2.60 0.00	40.01 2.89 0.00	45.65 3.28 0.00	51.25 3.59 0.00	45.71 2.95 0.00	46.20 3.08 0.00	41.43 2.71 0.00	35.90 2.28 0.00	32.14 1.58 -7.11
NYPA__HOLTSVILL 23794	38.44 3.40 -2.48	40.76 3.37 -4.23	38.36 3.10 -4.51	31.59 2.39 -5.81	37.34 2.21 -13.19	22.95 1.44 -6.52	32.14 1.98 -11.71	32.93 1.74 -15.38	39.68 3.34 -4.10	82.04 3.83 -42.54	50.47 3.38 -15.79	44.45 3.47 -8.06	34.58 3.19 -0.02	41.45 3.37 -4.00	35.61 3.18 0.00	36.40 3.34 0.00	41.71 3.76 -0.83	51.06 4.36 -4.33	52.44 4.69 -0.09	48.75 4.08 -1.92	47.12 4.00 0.00	42.29 3.57 0.00	42.71 3.30 -5.79	32.72 2.16 -7.11
NYPA__HELLGATE_GT1 24158	35.62 2.03 -1.03	35.10 1.95 0.00	32.51 1.75 0.00	24.75 1.37 0.00	23.31 1.37 0.00	22.48 0.97 -6.52	31.43 1.28 -11.71	32.34 1.15 -15.38	34.33 2.09 0.00	38.08 2.41 0.00	33.68 2.39 0.00	35.37 2.45 0.00	33.72 2.34 0.00	36.55 2.47 0.00	34.76 2.33 0.00	35.39 2.35 0.01	39.71 2.60 0.01	45.37 3.00 0.00	50.96 3.29 0.00	45.48 2.72 0.00	45.99 2.87 0.00	41.29 2.57 0.00	35.81 2.20 0.00	32.14 1.58 -7.11

NYPA____HELLGATE_GT2 24159	35.62 2.03 -1.03	35.10 1.95 0.00	32.51 1.75 0.00	24.75 1.37 0.00	23.31 1.37 0.00	22.48 0.97 -6.52	31.43 1.28 -11.71	32.34 1.15 -15.38	34.33 2.09 0.00	38.08 2.41 0.00	33.68 2.39 0.00	35.37 2.45 0.00	33.72 2.34 0.00	36.55 2.47 0.00	34.76 2.33 0.00	35.39 2.35 0.01	39.71 2.60 0.01	45.37 3.00 0.00	50.96 3.29 0.00	45.48 2.72 0.00	45.99 2.87 0.00	41.29 2.57 0.00	35.81 2.20 0.00	32.14 1.58 -7.11
NYS_BARGE____HYD 23848	21.60 -2.98 7.98	22.29 -2.43 8.43	21.24 -2.33 7.19	11.78 -1.77 9.83	10.56 -1.59 9.79	5.85 -1.17 7.98	9.14 -1.46 7.84	7.47 -1.29 7.06	18.25 -2.73 11.26	20.88 -3.02 11.77	19.32 -2.79 9.18	22.10 -3.05 7.77	27.75 -3.08 0.55	28.96 -3.30 1.82	19.03 -3.20 10.20	20.73 -3.03 9.30	21.24 -3.47 12.40	24.33 -4.17 13.86	26.13 -5.08 16.45	24.01 -4.28 14.46	26.01 -3.94 13.18	23.06 -3.16 12.50	19.79 -2.35 11.47	12.64 -1.67 9.14
OAK ORCHARD____HYD 24046	30.83 -1.34 0.39	32.03 -1.13 0.00	29.68 -1.08 0.00	22.54 -0.84 0.00	21.20 -0.75 0.00	15.27 -0.55 -0.83	19.25 -0.68 -1.49	17.14 -0.58 -1.90	31.05 -1.19 0.00	34.39 -1.28 0.00	30.12 -1.18 0.00	31.64 -1.28 0.00	30.16 -1.22 0.00	32.77 -1.31 0.00	31.09 -1.34 0.00	31.80 -1.25 0.00	35.69 -1.42 0.00	40.69 -1.67 0.00	45.61 -2.06 0.00	41.00 -1.76 0.00	41.60 -1.53 0.00	37.44 -1.28 0.00	32.63 -0.99 0.00	23.60 -0.87 0.00
OAKDALE__35_KV_LOAD 356122	34.03 -0.08 -1.55	33.19 0.04 0.00	30.76 0.00 0.00	23.37 -0.01 0.00	21.97 0.03 0.00	17.34 0.00 -2.35	22.66 0.00 -4.22	22.25 0.03 -6.41	33.89 -0.03 -1.68	37.44 0.01 -1.76	32.67 0.00 -1.37	34.08 0.00 -1.16	31.46 0.00 -0.08	34.34 -0.01 -0.27	33.90 -0.06 -1.52	34.46 0.02 -1.39	38.95 -0.02 -1.85	44.40 -0.04 -2.07	50.08 -0.04 -2.46	44.79 -0.13 -2.16	45.10 0.00 -1.97	40.56 -0.02 -1.87	35.32 -0.01 -1.71	27.39 -0.03 -3.97
OCC_CHEM____DRP 24175	20.31 -3.42 8.82	20.85 -2.94 9.37	20.03 -2.73 7.99	10.40 -2.07 10.92	9.20 -1.86 10.88	4.69 -1.35 8.95	7.90 -1.69 8.86	6.30 -1.49 8.03	16.48 -3.25 12.51	18.96 -3.63 13.08	17.79 -3.31 10.20	20.71 -3.58 8.63	27.20 -3.57 0.61	28.21 -3.84 2.02	17.33 -3.77 11.33	19.07 -3.66 10.33	19.10 -4.25 13.77	21.99 -4.98 15.40	23.44 -5.94 18.28	21.61 -5.08 16.07	23.87 -4.61 14.64	21.02 -3.81 13.89	17.98 -2.89 12.74	11.22 -1.98 10.25
OH_GEN_PROXY 24063	21.66 -3.20 7.69	22.33 -2.72 8.11	21.28 -2.56 6.91	11.97 -1.96 9.45	10.76 -1.77 9.42	6.09 -1.29 7.62	9.38 -1.62 7.44	7.73 -1.42 6.66	18.43 -2.99 10.83	21.03 -3.32 11.32	19.39 -3.08 8.83	22.10 -3.35 7.47	27.59 -3.27 0.53	28.80 -3.53 1.75	19.10 -3.52 9.81	20.75 -3.36 8.94	21.34 -3.86 11.92	24.49 -4.55 13.33	26.40 -5.44 15.82	24.18 -4.67 13.90	26.16 -4.30 12.67	23.16 -3.55 12.02	19.86 -2.72 11.03	12.80 -1.92 8.73
OLIN_CORP_DRP 24177	20.43 -3.37 8.76	21.00 -2.87 9.28	20.16 -2.68 7.92	10.53 -2.03 10.82	9.33 -1.83 10.78	4.81 -1.33 8.85	8.04 -1.65 8.75	6.43 -1.46 7.92	16.64 -3.20 12.40	19.16 -3.55 12.96	17.95 -3.24 10.11	20.85 -3.51 8.55	27.29 -3.49 0.60	28.30 -3.77 2.00	17.51 -3.69 11.23	19.25 -3.56 10.24	19.32 -4.14 13.65	22.17 -4.93 15.27	23.58 -5.97 18.12	21.78 -5.05 15.93	23.97 -4.64 14.51	21.21 -3.74 13.76	18.18 -2.80 12.63	11.37 -1.94 10.14
OLIN_CORP_DSASP 323712	20.31 -3.42 8.82	20.85 -2.94 9.37	20.03 -2.73 7.99	10.40 -2.07 10.92	9.20 -1.86 10.88	4.69 -1.35 8.95	7.90 -1.69 8.86	6.30 -1.49 8.03	16.48 -3.25 12.51	18.96 -3.63 13.08	17.79 -3.31 10.20	20.71 -3.58 8.63	27.20 -3.57 0.61	28.21 -3.84 2.02	17.33 -3.77 11.33	19.07 -3.66 10.33	19.10 -4.25 13.77	21.99 -4.98 15.40	23.44 -5.94 18.28	21.61 -5.08 16.07	23.87 -4.61 14.64	21.02 -3.81 13.89	17.98 -2.89 12.74	11.22 -1.98 10.25
ONEIDA_HERK_LFGE 323681	33.16 0.56 -0.05	33.61 0.46 0.00	31.12 0.36 0.00	23.61 0.22 0.00	22.15 0.21 0.00	15.39 0.10 -0.30	19.10 0.13 -0.53	16.61 0.12 -0.68	32.52 0.28 0.00	36.17 0.49 0.00	31.52 0.22 0.00	32.94 0.02 0.00	31.59 0.21 0.00	34.02 -0.06 0.00	32.39 -0.05 0.00	33.12 0.07 0.00	37.06 -0.05 0.00	42.44 0.08 0.00	48.00 0.34 0.00	43.14 0.38 0.00	43.47 0.35 0.00	38.93 0.21 0.00	33.73 0.12 0.00	23.71 -0.05 -0.31
ONEIDA____115KV_TB4 55905	33.29 0.66 -0.07	33.82 0.67 0.00	31.32 0.57 0.00	23.79 0.41 0.00	22.34 0.39 0.00	15.68 0.25 -0.44	19.54 0.31 -0.78	17.07 0.26 -1.00	32.74 0.50 0.00	36.33 0.66 0.00	31.82 0.52 0.00	33.38 0.46 0.00	31.86 0.48 0.00	34.57 0.49 0.00	32.89 0.46 0.00	33.56 0.51 0.00	37.65 0.53 0.00	43.13 0.76 0.00	48.61 0.95 0.00	43.60 0.84 0.00	44.01 0.89 0.00	39.46 0.74 0.00	34.21 0.60 0.00	24.26 0.36 -0.46
ONONDAGA_REF_OCCRA 23987	32.47 -0.21 -0.12	33.01 -0.14 0.00	30.58 -0.17 0.00	23.23 -0.15 0.00	21.82 -0.12 0.00	15.68 -0.09 -0.78	19.74 -0.11 -1.41	17.54 -0.08 -1.80	32.05 -0.19 0.00	35.50 -0.17 0.00	31.14 -0.16 0.00	32.75 -0.18 0.00	31.24 -0.15 0.00	33.90 -0.18 0.00	32.24 -0.19 0.00	32.87 -0.19 0.00	36.89 -0.22 0.00	42.11 -0.26 0.00	47.38 -0.28 0.00	42.48 -0.28 0.00	42.94 -0.19 0.00	38.53 -0.19 0.00	33.44 -0.17 0.00	24.15 -0.12 -0.82
ONONDAGA____COGEN 23986	32.42 -0.25 -0.11	32.96 -0.19 0.00	30.55 -0.20 0.00	23.21 -0.17 0.00	21.79 -0.15 0.00	15.61 -0.11 -0.72	19.60 -0.14 -1.30	17.38 -0.09 -1.66	32.02 -0.22 0.00	35.47 -0.20 0.00	31.10 -0.19 0.00	32.71 -0.21 0.00	31.19 -0.19 0.00	33.86 -0.22 0.00	32.21 -0.22 0.00	32.81 -0.24 0.00	36.85 -0.26 0.00	42.06 -0.30 0.00	47.31 -0.35 0.00	42.41 -0.35 0.00	42.85 -0.27 0.00	38.47 -0.25 0.00	33.38 -0.23 0.00	24.04 -0.17 -0.76
ONTARIO____LFGE 23819	35.49 -0.61 -3.54	37.51 -0.44 -4.80	34.37 -0.47 -4.09	28.58 -0.39 -5.59	27.17 -0.34 -5.57	20.83 -0.28 -6.11	25.40 -0.33 -7.29	23.21 -0.25 -7.64	38.15 -0.52 -6.43	41.85 -0.54 -6.71	35.99 -0.54 -5.23	36.76 -0.59 -4.43	31.16 -0.53 -0.31	34.56 -0.56 -1.04	37.64 -0.61 -5.82	37.81 -0.55 -5.30	43.55 -0.63 -7.07	49.58 -0.70 -7.91	56.27 -0.78 -9.39	50.34 -0.66 -8.25	50.14 -0.50 -7.52	45.37 -0.48 -7.13	39.73 -0.43 -6.54	29.96 -0.36 -6.87
ORANGEVILLE_WT_PWR 323706	-0.05 -2.87 29.73	-2.20 -2.52 32.84	0.26 -2.50 28.00	-16.87 -1.98 38.28	-18.01 -1.82 38.14	-20.17 -1.34 33.82	-18.69 -1.67 35.47	-19.45 -1.44 33.82	-14.76 -3.12 43.89	-13.59 -3.40 45.87	-7.58 -3.11 35.77	-0.66 -3.30 30.27	26.04 -3.21 2.13	23.48 -3.51 7.08	-10.76 -3.44 39.75	-6.47 -3.29 36.24	-14.96 -3.77 48.30	-16.02 -4.37 54.02	-21.44 -4.98 64.12	-18.00 -4.41 56.35	-12.38 -4.16 51.35	-13.59 -3.60 48.71	-14.00 -2.92 44.69	-17.14 -2.07 38.53
ORANGEVILLE____ESR 323794	-0.05 -2.87 29.73	-2.20 -2.52 32.84	0.26 -2.50 28.00	-16.87 -1.98 38.28	-18.01 -1.82 38.14	-20.17 -1.34 33.82	-18.69 -1.67 35.47	-19.45 -1.44 33.82	-14.76 -3.12 43.89	-13.59 -3.40 45.87	-7.58 -3.11 35.77	-0.66 -3.30 30.27	26.04 -3.21 2.13	23.48 -3.51 7.08	-10.76 -3.44 39.75	-6.47 -3.29 36.24	-14.96 -3.77 48.30	-16.02 -4.37 54.02	-21.44 -4.98 64.12	-18.00 -4.41 56.35	-12.38 -4.16 51.35	-13.59 -3.60 48.71	-14.00 -2.92 44.69	-17.14 -2.07 38.53

OSWEGATCHIE___HYD 24044	32.18 -0.40 -0.03	32.63 -0.53 0.00	30.23 -0.53 0.00	22.93 -0.45 0.00	21.50 -0.44 0.00	14.85 -0.35 -0.21	18.37 -0.45 -0.37	15.90 -0.40 -0.48	31.51 -0.73 0.00	34.99 -0.68 0.00	30.46 -0.83 0.00	31.79 -1.13 0.00	30.54 -0.84 0.00	32.87 -1.21 0.00	31.29 -1.15 0.00	32.01 -1.05 0.00	35.76 -1.36 0.00	40.97 -1.40 0.00	46.40 -1.26 0.00	41.80 -0.96 0.00	42.14 -0.99 0.00	37.89 -0.83 0.00	32.86 -0.76 0.00	22.99 -0.68 -0.22
OSWEGO___5 23606	31.90 -0.73 -0.08	32.45 -0.70 0.00	30.08 -0.67 0.00	22.87 -0.51 0.00	21.46 -0.48 0.00	15.17 -0.34 -0.51	18.95 -0.41 -0.92	16.65 -0.34 -1.18	31.52 -0.72 0.00	34.90 -0.78 0.00	30.61 -0.69 0.00	32.19 -0.73 0.00	30.68 -0.69 0.00	33.31 -0.77 0.00	31.69 -0.75 0.00	32.28 -0.77 0.00	36.24 -0.87 0.00	41.35 -1.02 0.00	46.50 -1.16 0.00	41.70 -1.06 0.00	42.13 -1.00 0.00	37.82 -0.90 0.00	32.84 -0.77 0.00	23.47 -0.52 -0.54
OSWEGO___6 23613	31.90 -0.73 -0.08	32.45 -0.70 0.00	30.08 -0.67 0.00	22.87 -0.51 0.00	21.46 -0.48 0.00	15.17 -0.34 -0.51	18.95 -0.41 -0.92	16.65 -0.34 -1.18	31.52 -0.72 0.00	34.90 -0.78 0.00	30.61 -0.69 0.00	32.19 -0.73 0.00	30.68 -0.69 0.00	33.31 -0.77 0.00	31.69 -0.75 0.00	32.28 -0.77 0.00	36.24 -0.87 0.00	41.35 -1.02 0.00	46.50 -1.16 0.00	41.70 -1.06 0.00	42.13 -1.00 0.00	37.82 -0.90 0.00	32.84 -0.77 0.00	23.47 -0.52 -0.54
OUTOKUMPU-AB___DRP 24206	20.44 -2.82 9.30	20.93 -2.33 9.89	20.12 -2.20 8.43	10.17 -1.68 11.53	8.95 -1.51 11.48	4.39 -1.11 9.49	7.63 -1.39 9.43	6.02 -1.22 8.57	16.34 -2.69 13.21	18.89 -2.97 13.80	17.83 -2.70 10.77	20.87 -2.94 9.11	27.83 -2.91 0.64	28.80 -3.14 2.13	17.34 -3.13 11.96	19.17 -2.98 10.90	19.06 -3.51 14.54	21.96 -4.15 16.26	23.39 -4.98 19.30	21.55 -4.25 16.96	23.87 -3.80 15.45	20.96 -3.10 14.66	17.88 -2.28 13.45	11.00 -1.59 10.86
OXBOW___BTM 323836	20.50 -2.99 9.06	21.07 -2.45 9.63	20.20 -2.34 8.21	10.37 -1.78 11.23	9.16 -1.59 11.18	4.60 -1.17 9.22	7.82 -1.48 9.15	6.21 -1.30 8.30	16.65 -2.73 12.86	19.19 -3.04 13.44	18.01 -2.80 10.48	20.98 -3.07 8.87	27.65 -3.11 0.62	28.68 -3.32 2.08	17.54 -3.23 11.65	19.36 -3.07 10.62	19.41 -3.54 14.16	22.34 -4.19 15.83	23.81 -5.06 18.79	21.94 -4.30 16.52	24.16 -3.92 15.05	21.24 -3.21 14.28	18.13 -2.39 13.10	11.21 -1.69 10.56
OXBOW___ 24026	20.49 -3.00 9.06	21.01 -2.51 9.63	20.18 -2.36 8.21	10.36 -1.79 11.23	9.14 -1.61 11.18	4.60 -1.18 9.22	7.83 -1.47 9.15	6.21 -1.30 8.30	16.53 -2.85 12.86	19.07 -3.16 13.44	17.93 -2.88 10.48	20.92 -3.13 8.87	27.63 -3.12 0.62	28.65 -3.35 2.08	17.47 -3.31 11.65	19.24 -3.19 10.62	19.22 -3.74 14.16	22.14 -4.39 15.83	23.60 -5.27 18.79	21.74 -4.50 16.52	24.04 -4.03 15.05	21.14 -3.31 14.28	18.06 -2.46 13.10	11.19 -1.70 10.56
OXY_CHEM_DSASP 323612	20.31 -3.42 8.82	20.85 -2.94 9.37	20.03 -2.73 7.99	10.40 -2.07 10.92	9.20 -1.86 10.88	4.69 -1.35 8.95	7.90 -1.69 8.86	6.30 -1.49 8.03	16.48 -3.25 12.51	18.96 -3.63 13.08	17.79 -3.31 10.20	20.71 -3.58 8.63	27.20 -3.57 0.61	28.21 -3.84 2.02	17.33 -3.77 11.33	19.07 -3.66 10.33	19.10 -4.25 13.77	21.99 -4.98 15.40	23.44 -5.94 18.28	21.61 -5.08 16.07	23.87 -4.61 14.64	21.02 -3.81 13.89	17.98 -2.89 12.74	11.22 -1.98 10.25
OZONE_PARK_ESR 323760	35.98 2.39 -1.03	35.44 2.28 0.00	32.81 2.06 0.00	25.00 1.62 0.00	23.53 1.59 0.00	22.62 1.11 -6.52	31.62 1.46 -11.71	32.50 1.31 -15.38	34.74 2.50 0.00	38.50 2.82 0.00	33.96 2.67 0.00	35.73 2.81 0.00	34.07 2.69 0.00	36.94 2.86 0.00	35.16 2.73 0.00	35.85 2.79 0.00	40.24 3.12 0.00	45.90 3.53 0.00	51.55 3.89 0.00	45.99 3.23 0.00	46.47 3.34 0.00	41.65 2.93 0.00	36.11 2.49 0.00	32.29 1.73 -7.11
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.31 -3.42 8.82	20.85 -2.94 9.37	20.03 -2.73 7.99	10.40 -2.07 10.92	9.20 -1.86 10.88	4.69 -1.35 8.95	7.90 -1.69 8.86	6.30 -1.49 8.03	16.48 -3.25 12.51	18.96 -3.63 13.08	17.79 -3.31 10.20	20.71 -3.58 8.63	27.20 -3.57 0.61	28.21 -3.84 2.02	17.33 -3.77 11.33	19.07 -3.66 10.33	19.10 -4.25 13.77	21.99 -4.98 15.40	23.44 -5.94 18.28	21.61 -5.08 16.07	23.87 -4.61 14.64	21.02 -3.81 13.89	17.98 -2.89 12.74	11.22 -1.98 10.25
PACKARD___115KV_DUPONT_184 80571	20.33 -3.40 8.82	20.91 -2.87 9.37	20.05 -2.72 7.99	10.41 -2.05 10.92	9.22 -1.84 10.88	4.70 -1.35 8.95	7.89 -1.69 8.86	6.29 -1.49 8.03	16.60 -3.13 12.51	19.10 -3.50 13.08	17.87 -3.23 10.20	20.77 -3.53 8.63	27.21 -3.56 0.61	28.25 -3.81 2.02	17.41 -3.69 11.33	19.19 -3.54 10.33	19.29 -4.05 13.77	22.19 -4.78 15.40	23.68 -5.70 18.28	21.81 -4.88 16.07	24.01 -4.48 14.64	21.13 -3.70 13.89	18.06 -2.81 12.74	11.24 -1.97 10.25
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	35.71 2.12 -1.03	35.20 2.04 0.00	32.57 1.82 0.00	24.80 1.42 0.00	23.35 1.41 0.00	22.51 1.00 -6.52	31.46 1.30 -11.71	32.37 1.18 -15.38	34.45 2.22 0.00	38.23 2.55 0.00	33.76 2.47 0.00	35.46 2.54 0.00	33.80 2.42 0.00	36.65 2.57 0.00	34.86 2.43 0.00	35.51 2.46 0.00	39.86 2.75 0.00	45.52 3.15 0.00	51.11 3.45 0.00	45.59 2.83 0.00	46.09 2.97 0.00	41.37 2.65 0.00	35.86 2.25 0.00	32.14 1.58 -7.11
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.05 2.46 -1.03	35.57 2.42 0.00	32.97 2.21 0.00	25.13 1.75 0.00	23.66 1.72 0.00	22.73 1.21 -6.52	31.74 1.58 -11.71	32.57 1.37 -15.38	34.83 2.59 0.00	38.34 2.67 0.00	33.84 2.55 0.00	35.53 2.61 0.00	33.87 2.49 0.00	36.72 2.64 0.00	34.95 2.51 0.00	35.58 2.53 0.00	39.95 2.83 0.00	45.62 3.25 0.00	51.19 3.53 0.00	46.12 3.36 0.00	46.70 3.57 0.00	41.92 3.20 0.00	36.32 2.71 0.00	32.47 1.90 -7.11
PATROON___115KV_TB1 80586	34.90 1.16 -1.19	34.26 1.11 0.00	31.80 1.05 0.00	24.22 0.84 0.00	22.71 0.77 0.00	23.03 0.53 -7.51	32.57 0.62 -13.51	34.00 0.51 -17.67	33.15 0.91 0.00	36.65 0.98 0.00	32.22 0.92 0.00	33.93 1.01 0.00	32.27 0.90 0.00	35.10 1.02 0.00	33.39 0.96 0.00	34.02 0.97 0.00	38.32 1.21 0.00	43.65 1.28 0.00	49.11 1.45 0.00	44.07 1.31 0.00	44.47 1.35 0.00	39.95 1.23 0.00	34.63 1.02 0.00	32.39 0.77 -8.17
PATTRSNVILLE___SOLAR 323815	34.95 1.15 -1.24	34.28 1.13 0.00	31.79 1.04 0.00	24.18 0.80 0.00	22.69 0.75 0.00	23.36 0.52 -7.85	33.23 0.66 -14.13	34.80 0.52 -18.46	33.12 0.88 0.00	36.58 0.90 0.00	32.07 0.78 0.00	33.74 0.82 0.00	32.08 0.70 0.00	34.89 0.81 0.00	33.29 0.85 0.00	33.95 0.90 0.00	38.29 1.18 0.00	43.75 1.38 0.00	49.33 1.67 0.00	44.29 1.54 0.00	44.72 1.60 0.00	40.12 1.40 0.00	34.80 1.19 0.00	32.80 0.82 -8.53
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.81 -2.84 8.91	21.47 -2.33 9.35	20.49 -2.29 7.97	10.74 -1.75 10.90	9.49 -1.60 10.85	5.00 -1.18 8.81	8.35 -1.46 8.63	6.80 -1.27 7.75	16.99 -2.76 12.48	19.66 -2.97 13.05	18.37 -2.75 10.18	21.36 -2.95 8.61	27.83 -2.94 0.60	28.90 -3.16 2.02	17.97 -3.15 11.31	19.75 -2.99 10.31	19.86 -3.51 13.74	22.88 -4.12 15.37	24.51 -4.91 18.24	22.42 -4.31 16.03	24.66 -3.86 14.61	21.69 -3.18 13.86	18.46 -2.44 12.71	11.61 -1.73 10.10

PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.77 2.17 -1.04	35.23 2.07 0.00	32.61 1.86 0.00	24.83 1.45 0.00	23.35 1.41 0.00	22.56 0.99 -6.58	31.57 1.31 -11.82	32.50 1.17 -15.51	34.49 2.25 0.00	38.22 2.55 0.00	33.73 2.43 0.00	35.49 2.57 0.00	33.84 2.46 0.00	36.68 2.60 0.00	34.92 2.48 0.00	35.58 2.52 0.00	39.99 2.87 0.00	45.63 3.26 0.00	51.31 3.65 0.00	45.81 3.05 0.00	46.28 3.15 0.00	41.48 2.76 0.00	35.95 2.34 0.00	32.23 1.60 -7.18
PEEKSKILL____ 23653	35.61 2.02 -1.03	35.07 1.92 0.00	32.46 1.71 0.00	24.72 1.34 0.00	23.26 1.32 0.00	22.41 0.93 -6.49	31.33 1.23 -11.66	32.22 1.11 -15.30	34.31 2.07 0.00	38.03 2.36 0.00	33.54 2.24 0.00	35.30 2.38 0.00	33.65 2.27 0.00	36.48 2.40 0.00	34.73 2.30 0.00	35.40 2.35 0.00	39.75 2.64 0.00	45.36 3.00 0.00	50.97 3.31 0.00	45.47 2.71 0.00	45.96 2.83 0.00	41.19 2.47 0.00	35.72 2.11 0.00	31.99 1.46 -7.08
PGE MADISON__WINDPWR 24146	36.21 1.65 -2.01	36.54 1.74 -1.65	33.70 1.54 -1.41	26.37 1.06 -1.92	24.78 0.92 -1.92	19.95 0.66 -4.30	25.66 0.77 -6.45	23.57 0.51 -7.24	35.63 1.02 -2.37	39.24 1.09 -2.47	33.97 0.74 -1.93	35.04 0.49 -1.63	31.79 0.30 -0.11	34.69 0.23 -0.38	34.94 0.36 -2.15	35.71 0.70 -1.96	39.99 0.27 -2.61	45.78 0.50 -2.91	52.22 1.10 -3.46	47.19 1.39 -3.04	46.96 1.07 -2.77	42.06 0.71 -2.63	36.51 0.49 -2.41	28.13 0.20 -4.48
PIERCEFIELD__HYD 23852	32.12 -0.46 -0.02	32.65 -0.51 0.00	30.30 -0.46 0.00	23.01 -0.37 0.00	21.57 -0.37 0.00	14.83 -0.27 -0.11	18.26 -0.37 -0.19	15.71 -0.35 -0.25	31.61 -0.63 0.00	34.97 -0.70 0.00	30.54 -0.76 0.00	32.01 -0.91 0.00	30.65 -0.73 0.00	33.25 -0.83 0.00	31.63 -0.80 0.00	32.30 -0.76 0.00	36.07 -1.04 0.00	41.40 -0.97 0.00	46.69 -0.97 0.00	42.06 -0.70 0.00	42.45 -0.67 0.00	38.32 -0.40 0.00	33.23 -0.38 0.00	23.20 -0.37 -0.11
PINELAWN_CC_1 323563	38.13 3.10 -2.48	40.42 3.04 -4.23	38.05 2.78 -4.51	31.35 2.16 -5.81	37.15 2.02 -13.19	22.86 1.35 -6.52	32.01 1.85 -11.71	32.83 1.63 -15.38	39.47 3.13 -4.10	81.77 3.56 -42.54	50.35 3.26 -15.79	44.36 3.39 -8.06	34.58 3.18 -0.02	41.43 3.35 -4.00	35.63 3.20 0.00	36.37 3.31 0.00	41.65 3.71 -0.83	50.91 4.21 -4.33	52.30 4.55 -0.09	48.58 3.91 -1.92	47.04 3.91 0.00	42.26 3.54 0.00	42.63 3.22 -5.79	32.69 2.12 -7.11
PJM_GEN_HTP_PROXY 323702	35.73 2.14 -1.03	36.14 2.03 -0.96	32.58 1.83 0.00	24.83 1.45 0.00	23.38 1.43 0.00	22.52 1.01 -6.52	31.49 1.33 -11.71	32.39 1.20 -15.38	34.49 2.26 0.00	38.21 2.54 0.00	33.71 2.42 0.00	35.46 2.54 0.00	33.82 2.43 0.00	36.66 2.58 0.00	34.89 2.46 0.00	35.60 2.51 -0.04	39.92 2.81 0.00	45.53 3.17 0.00	51.15 3.49 0.00	45.61 2.85 0.00	47.62 2.97 -1.52	41.32 2.60 0.00	35.83 2.22 0.00	32.10 1.54 -7.11
PJM_GEN_KEystone 24065	25.78 -1.86 4.91	29.74 -0.66 2.76	28.24 -0.17 2.35	20.05 -0.12 3.21	18.71 -0.04 3.20	16.08 -0.05 -1.13	22.58 -0.02 -4.16	22.31 0.00 -6.49	28.39 -0.17 3.68	31.72 -0.10 3.85	28.21 -0.08 3.00	30.27 -0.11 2.54	31.04 -0.16 0.18	33.28 -0.20 0.59	28.81 -0.28 3.34	29.90 -0.15 3.01	32.80 -0.26 4.05	37.49 -0.35 4.53	41.75 -0.53 5.38	37.34 -0.69 4.73	39.89 -0.44 2.79	34.29 -0.34 4.09	29.67 -0.19 3.75	24.39 -0.14 -1.08
PJM_GEN_NEPTUNE_PROXY 323594	37.67 2.64 -2.48	40.94 2.60 -5.20	37.65 2.39 -4.51	31.05 1.86 -5.81	36.89 1.76 -13.19	22.70 1.18 -6.52	31.78 1.63 -11.71	32.62 1.43 -15.38	39.08 2.74 -4.10	81.28 3.07 -42.54	49.90 2.82 -15.79	43.91 2.93 -8.06	34.17 2.78 -0.02	41.05 2.97 -4.00	35.24 2.81 0.00	35.97 2.88 -0.04	41.16 3.21 -0.83	50.32 3.63 -4.33	51.68 3.49 -0.09	48.00 2.85 -1.92	47.97 2.85 -1.52	41.72 3.00 0.00	42.18 2.77 -5.79	32.42 1.86 -7.11
PJM_GEN_VFT_PROXY 323633	35.63 2.03 -1.03	36.03 1.92 -0.96	32.49 1.73 0.00	24.77 1.39 0.00	23.32 1.38 0.00	22.49 0.97 -6.52	31.43 1.28 -11.71	32.35 1.16 -15.38	34.39 2.15 0.00	38.10 2.43 0.00	33.62 2.32 0.00	35.36 2.44 0.00	33.72 2.34 0.00	36.55 2.47 0.00	34.80 2.37 0.00	35.50 2.42 -0.04	39.81 2.70 0.00	45.41 3.04 0.00	51.00 3.34 0.00	45.48 2.72 0.00	47.48 2.84 -1.52	41.20 2.48 0.00	35.72 2.10 0.00	32.03 1.46 -7.11
PLATSBURG_115KV_PMLD1 355749	33.08 0.52 0.00	33.70 0.55 0.00	31.32 0.56 0.00	23.80 0.42 0.00	22.23 0.29 0.00	15.19 0.19 0.00	18.68 0.24 0.00	15.95 0.14 0.00	32.49 0.25 0.00	35.87 0.20 0.00	31.38 0.09 0.00	32.80 -0.12 0.00	31.23 -0.15 0.00	34.03 -0.05 0.00	32.41 -0.02 0.00	33.09 0.04 0.00	37.13 0.02 0.00	42.44 0.07 0.00	47.85 0.18 0.00	43.03 0.27 0.00	43.44 0.31 0.00	39.08 0.36 0.00	33.93 0.32 0.00	23.51 0.06 0.00
PLEASANTVLY__LBMP 24000	35.42 1.81 -1.06	34.85 1.70 0.00	32.28 1.53 0.00	24.58 1.20 0.00	23.11 1.17 0.00	22.52 0.83 -6.70	31.59 1.10 -12.05	32.60 0.99 -15.79	34.09 1.85 0.00	37.75 2.08 0.00	33.31 2.01 0.00	35.05 2.13 0.00	33.41 2.03 0.00	36.22 2.14 0.00	34.49 2.06 0.00	35.13 2.08 0.00	39.48 2.37 0.00	45.04 2.67 0.00	50.66 2.99 0.00	45.23 2.47 0.00	45.69 2.57 0.00	40.97 2.26 0.00	35.53 1.92 0.00	32.08 1.33 -7.31
PLSNTVLE_13_KV_13.8KVDIST 80602	35.77 2.17 -1.04	35.23 2.08 0.00	32.65 1.89 0.00	24.86 1.48 0.00	23.39 1.45 0.00	22.57 1.02 -6.55	31.55 1.33 -11.78	32.47 1.20 -15.46	34.53 2.29 0.00	38.26 2.58 0.00	33.77 2.47 0.00	35.54 2.62 0.00	33.86 2.48 0.00	36.72 2.63 0.00	34.97 2.54 0.00	35.63 2.58 0.00	40.03 2.92 0.00	45.54 3.17 0.00	51.29 3.62 0.00	45.78 3.02 0.00	46.24 3.12 0.00	41.44 2.72 0.00	35.94 2.33 0.00	32.17 1.57 -7.15
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.77 2.17 -1.04	35.23 2.08 0.00	32.65 1.89 0.00	24.86 1.48 0.00	23.39 1.45 0.00	22.57 1.02 -6.55	31.55 1.33 -11.78	32.47 1.20 -15.46	34.53 2.29 0.00	38.26 2.58 0.00	33.77 2.47 0.00	35.54 2.62 0.00	33.86 2.48 0.00	36.72 2.63 0.00	34.97 2.54 0.00	35.63 2.58 0.00	40.03 2.92 0.00	45.54 3.17 0.00	51.29 3.62 0.00	45.78 3.02 0.00	46.24 3.12 0.00	41.44 2.72 0.00	35.94 2.33 0.00	32.17 1.57 -7.15
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.61 2.00 -1.06	35.05 1.90 0.00	32.46 1.71 0.00	24.71 1.33 0.00	23.23 1.28 0.00	22.55 0.91 -6.65	31.58 1.19 -11.95	32.56 1.07 -15.68	34.25 2.02 0.00	37.95 2.27 0.00	33.47 2.17 0.00	35.23 2.31 0.00	33.58 2.20 0.00	36.42 2.34 0.00	34.66 2.23 0.00	35.31 2.26 0.00	39.70 2.58 0.00	45.30 2.94 0.00	50.98 3.31 0.00	45.54 2.78 0.00	46.01 2.88 0.00	41.24 2.52 0.00	35.75 2.14 0.00	32.17 1.47 -7.26
POLETTI____ 23519	35.75 2.16 -1.03	35.20 2.05 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.49 1.33 -11.71	32.40 1.20 -15.38	34.52 2.28 0.00	38.24 2.57 0.00	33.73 2.43 0.00	35.47 2.55 0.00	33.83 2.45 0.00	36.66 2.58 0.00	34.90 2.47 0.00	35.58 2.52 0.00	39.94 2.83 0.00	45.55 3.19 0.00	51.17 3.51 0.00	45.61 2.86 0.00	46.10 2.98 0.00	41.33 2.61 0.00	35.84 2.22 0.00	32.11 1.55 -7.11

POMONA___ESR 323819	35.67 2.09 -1.02	35.12 1.97 0.00	32.51 1.76 0.00	24.76 1.38 0.00	23.30 1.36 0.00	22.36 0.96 -6.41	31.21 1.26 -11.52	32.07 1.13 -15.12	34.35 2.11 0.00	38.10 2.43 0.00	33.60 2.30 0.00	35.35 2.43 0.00	33.70 2.33 0.00	36.54 2.46 0.00	34.80 2.37 0.00	35.47 2.42 0.00	39.82 2.71 0.00	45.45 3.08 0.00	51.05 3.39 0.00	45.53 2.77 0.00	46.03 2.90 0.00	41.25 2.53 0.00	35.76 2.15 0.00	31.95 1.50 -7.00
PORT_JEFF_3 23555	38.50 3.47 -2.48	40.83 3.44 -4.23	38.42 3.16 -4.51	31.63 2.44 -5.81	37.38 2.25 -13.19	22.98 1.47 -6.52	32.17 2.02 -11.71	32.96 1.77 -15.38	39.74 3.40 -4.10	82.12 3.91 -42.54	50.54 3.45 -15.79	44.52 3.55 -8.06	34.66 3.27 -0.02	41.53 3.45 -4.00	35.70 3.26 0.00	36.48 3.42 0.00	41.80 3.85 -0.83	51.16 4.47 -4.33	52.56 4.81 -0.09	48.85 4.18 -1.92	47.23 4.10 0.00	42.39 3.67 0.00	42.79 3.39 -5.79	32.77 2.21 -7.11
PORT_JEFF_4 23616	38.50 3.47 -2.48	40.83 3.44 -4.23	38.42 3.16 -4.51	31.63 2.44 -5.81	37.38 2.25 -13.19	22.98 1.47 -6.52	32.17 2.02 -11.71	32.96 1.77 -15.38	39.74 3.40 -4.10	82.12 3.91 -42.54	50.54 3.45 -15.79	44.52 3.55 -8.06	34.66 3.27 -0.02	41.53 3.45 -4.00	35.70 3.26 0.00	36.48 3.42 0.00	41.80 3.85 -0.83	51.16 4.47 -4.33	52.56 4.81 -0.09	48.85 4.18 -1.92	47.23 4.10 0.00	42.39 3.67 0.00	42.79 3.39 -5.79	32.77 2.21 -7.11
PORT_JEFF_IC 23713	38.55 3.51 -2.48	40.87 3.48 -4.23	38.46 3.20 -4.51	31.66 2.47 -5.81	37.40 2.27 -13.19	22.99 1.48 -6.52	32.19 2.04 -11.71	32.98 1.78 -15.38	39.80 3.46 -4.10	82.18 3.97 -42.54	50.59 3.50 -15.79	44.58 3.60 -8.06	34.71 3.31 -0.02	41.57 3.49 -4.00	35.73 3.30 0.00	36.52 3.47 0.00	41.87 3.92 -0.83	51.24 4.54 -4.33	52.70 4.95 -0.09	48.94 4.27 -1.92	47.29 4.17 0.00	42.44 3.73 0.00	42.84 3.43 -5.79	32.81 2.24 -7.11
PPL PILGRIM_ST_GT1 24216	38.38 3.35 -2.48	40.69 3.31 -4.23	38.30 3.04 -4.51	31.54 2.35 -5.81	37.31 2.18 -13.19	22.96 1.44 -6.52	32.15 1.99 -11.71	32.94 1.75 -15.38	39.70 3.36 -4.10	82.02 3.81 -42.54	50.52 3.43 -15.79	44.55 3.58 -8.06	34.73 3.33 -0.02	41.58 3.50 -4.00	35.77 3.33 0.00	36.53 3.48 0.00	41.86 3.91 -0.83	51.15 4.45 -4.33	52.41 4.66 -0.09	48.72 4.05 -1.92	47.17 4.04 0.00	42.40 3.68 0.00	42.84 3.44 -5.79	32.82 2.26 -7.11
PPL PILGRIM_ST_GT2 24217	38.38 3.35 -2.48	40.69 3.31 -4.23	38.30 3.04 -4.51	31.54 2.35 -5.81	37.31 2.18 -13.19	22.96 1.44 -6.52	32.15 1.99 -11.71	32.94 1.75 -15.38	39.70 3.36 -4.10	82.02 3.81 -42.54	50.52 3.43 -15.79	44.55 3.58 -8.06	34.73 3.33 -0.02	41.58 3.50 -4.00	35.77 3.33 0.00	36.53 3.48 0.00	41.86 3.91 -0.83	51.15 4.45 -4.33	52.41 4.66 -0.09	48.72 4.05 -1.92	47.17 4.04 0.00	42.40 3.68 0.00	42.84 3.44 -5.79	32.82 2.26 -7.11
PPL_SHRM_GT3 24213	38.85 3.81 -2.48	41.17 3.78 -4.23	38.73 3.47 -4.51	31.87 2.67 -5.81	37.58 2.45 -13.19	23.09 1.57 -6.52	32.31 2.15 -11.71	33.07 1.88 -15.38	40.00 3.66 -4.10	82.43 4.22 -42.54	50.67 3.58 -15.79	44.60 3.63 -8.06	34.64 3.25 -0.02	41.52 3.44 -4.00	35.64 3.21 0.00	36.48 3.43 0.00	41.83 3.89 -0.83	51.39 4.70 -4.33	52.81 5.06 -0.09	49.10 4.42 -1.92	47.28 4.15 0.00	42.38 3.66 0.00	42.86 3.46 -5.79	32.82 2.25 -7.11
PPL_SHRM_GT4 24214	38.85 3.81 -2.48	41.17 3.78 -4.23	38.73 3.47 -4.51	31.87 2.67 -5.81	37.58 2.45 -13.19	23.09 1.57 -6.52	32.31 2.15 -11.71	33.07 1.88 -15.38	40.00 3.66 -4.10	82.43 4.22 -42.54	50.67 3.58 -15.79	44.60 3.63 -8.06	34.64 3.25 -0.02	41.52 3.44 -4.00	35.64 3.21 0.00	36.48 3.43 0.00	41.83 3.89 -0.83	51.39 4.70 -4.33	52.81 5.06 -0.09	49.10 4.42 -1.92	47.28 4.15 0.00	42.38 3.66 0.00	42.86 3.46 -5.79	32.82 2.25 -7.11
PROJECT___ORANGE 1 24174	32.25 -0.40 -0.10	32.79 -0.36 0.00	30.40 -0.36 0.00	23.10 -0.28 0.00	21.69 -0.25 0.00	15.45 -0.18 -0.64	19.38 -0.22 -1.16	17.12 -0.17 -1.48	31.86 -0.38 0.00	35.29 -0.38 0.00	30.95 -0.34 0.00	32.55 -0.37 0.00	31.04 -0.33 0.00	33.70 -0.38 0.00	32.04 -0.39 0.00	32.65 -0.40 0.00	36.66 -0.46 0.00	41.84 -0.53 0.00	47.05 -0.62 0.00	42.20 -0.56 0.00	42.64 -0.49 0.00	38.27 -0.45 0.00	33.23 -0.38 0.00	23.87 -0.26 -0.68
PROJECT___ORANGE 2 24166	32.25 -0.40 -0.10	32.79 -0.36 0.00	30.40 -0.36 0.00	23.10 -0.28 0.00	21.69 -0.25 0.00	15.45 -0.18 -0.64	19.38 -0.22 -1.16	17.12 -0.17 -1.48	31.86 -0.38 0.00	35.29 -0.38 0.00	30.95 -0.34 0.00	32.55 -0.37 0.00	31.04 -0.33 0.00	33.70 -0.38 0.00	32.04 -0.39 0.00	32.65 -0.40 0.00	36.66 -0.46 0.00	41.84 -0.53 0.00	47.05 -0.62 0.00	42.20 -0.56 0.00	42.64 -0.49 0.00	38.27 -0.45 0.00	33.23 -0.38 0.00	23.87 -0.26 -0.68
PUCKETT___SOLAR 323809	34.11 0.32 -1.23	33.57 0.42 0.00	31.10 0.35 0.00	23.63 0.25 0.00	22.21 0.26 0.00	17.69 0.17 -2.53	23.17 0.19 -4.55	21.47 0.08 -5.57	32.29 0.05 0.00	35.74 0.06 0.00	31.30 0.00 0.00	32.87 -0.05 0.00	31.34 -0.04 0.00	34.07 -0.01 0.00	32.39 -0.04 0.00	33.13 0.07 0.00	37.14 0.03 0.00	42.41 0.04 0.00	47.76 0.10 0.00	42.83 0.07 0.00	43.30 0.17 0.00	38.81 0.09 0.00	33.68 0.07 0.00	25.95 0.00 -2.51
PYRITES___HYD 24023	32.64 0.07 -0.02	33.18 0.02 0.00	30.79 0.04 0.00	23.39 0.01 0.00	21.93 -0.01 0.00	15.07 -0.02 -0.10	18.54 -0.09 -0.18	15.89 -0.16 -0.23	31.94 -0.30 0.00	35.28 -0.40 0.00	30.76 -0.53 0.00	32.24 -0.68 0.00	30.89 -0.49 0.00	33.59 -0.49 0.00	31.93 -0.50 0.00	32.55 -0.51 0.00	36.41 -0.71 0.00	42.04 -0.33 0.00	47.54 -0.12 0.00	42.85 0.09 0.00	43.31 0.19 0.00	39.07 0.34 0.00	33.86 0.25 0.00	23.61 0.05 -0.10
QUAKERRD_115KV_BK1 80622	30.43 -1.79 0.34	31.50 -1.65 0.00	29.22 -1.54 0.00	22.20 -1.18 0.00	20.86 -1.08 0.00	15.02 -0.77 -0.80	18.93 -0.95 -1.44	16.85 -0.80 -1.84	30.56 -1.68 0.00	33.85 -1.82 0.00	29.67 -1.63 0.00	31.18 -1.74 0.00	29.74 -1.64 0.00	32.31 -1.77 0.00	30.64 -1.79 0.00	31.30 -1.75 0.00	35.11 -2.00 0.00	40.06 -2.31 0.00	44.92 -2.75 0.00	40.37 -2.39 0.00	40.94 -2.18 0.00	36.82 -1.91 0.00	32.05 -1.56 0.00	23.20 -1.09 -0.84
QUENSBRY_115KV_TB8 356137	36.30 2.53 -1.21	35.62 2.47 0.00	33.08 2.33 0.00	25.21 1.83 0.00	23.57 1.63 0.00	23.83 1.18 -7.66	33.73 1.49 -13.80	35.09 1.22 -18.05	34.53 2.29 0.00	37.91 2.24 0.00	33.07 1.77 0.00	34.99 2.07 0.00	33.15 1.78 0.00	36.00 1.92 0.00	34.14 1.71 0.00	34.90 1.85 0.00	39.68 2.56 0.00	45.32 2.95 0.00	51.40 3.73 0.00	46.19 3.43 0.00	46.66 3.53 0.00	41.81 3.09 0.00	36.25 2.64 0.00	33.54 1.75 -8.34
RAMAPO___LBMP 323565	35.53 1.96 -1.01	35.00 1.85 0.00	32.40 1.65 0.00	24.67 1.29 0.00	23.21 1.27 0.00	22.28 0.90 -6.38	31.09 1.18 -11.47	31.94 1.06 -15.06	34.23 1.99 0.00	37.96 2.29 0.00	33.47 2.17 0.00	35.22 2.30 0.00	33.58 2.20 0.00	36.40 2.31 0.00	34.66 2.24 0.00	35.35 2.29 0.00	39.69 2.58 0.00	45.28 2.92 0.00	50.88 3.22 0.00	45.36 2.60 0.00	45.85 2.72 0.00	41.09 2.37 0.00	35.63 2.02 0.00	31.82 1.40 -6.97

RANKINE____ 23646	18.49 -2.86 11.20	18.79 -2.38 11.97	18.27 -2.28 10.21	7.66 -1.77 13.96	6.44 -1.60 13.91	2.16 -1.19 11.65	5.26 -1.48 11.70	3.76 -1.30 10.75	13.40 -2.84 16.00	15.87 -3.09 16.72	15.44 -2.82 13.04	18.84 -3.05 11.03	27.63 -2.98 0.77	28.27 -3.23 2.58	14.69 -3.25 14.49	16.75 -3.09 13.21	15.86 -3.64 17.61	18.41 -4.26 19.69	19.24 -5.06 23.37	17.81 -4.41 20.54	20.42 -3.99 18.71	17.70 -3.27 17.75	14.83 -2.50 16.29	8.38 -1.75 13.32
RAVENSWOOD_GT2_1 24244	35.75 2.16 -1.03	35.22 2.06 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.54 1.02 -6.52	31.49 1.34 -11.71	32.40 1.21 -15.38	34.52 2.28 0.00	38.24 2.57 0.00	33.73 2.44 0.00	35.48 2.56 0.00	33.84 2.46 0.00	36.67 2.59 0.00	34.91 2.48 0.00	35.59 2.53 0.00	39.95 2.84 0.00	45.56 3.19 0.00	51.17 3.51 0.00	45.64 2.88 0.00	46.11 2.98 0.00	41.34 2.62 0.00	35.85 2.23 0.00	32.11 1.55 -7.11
RAVENSWOOD_GT2_2 24245	35.75 2.16 -1.03	35.22 2.06 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.54 1.02 -6.52	31.49 1.34 -11.71	32.40 1.21 -15.38	34.52 2.28 0.00	38.24 2.57 0.00	33.73 2.44 0.00	35.48 2.56 0.00	33.84 2.46 0.00	36.67 2.59 0.00	34.91 2.48 0.00	35.59 2.53 0.00	39.95 2.84 0.00	45.56 3.19 0.00	51.17 3.51 0.00	45.64 2.88 0.00	46.11 2.98 0.00	41.34 2.62 0.00	35.85 2.23 0.00	32.11 1.55 -7.11
RAVENSWOOD_GT2_3 24246	35.77 2.17 -1.03	35.23 2.08 0.00	32.63 1.88 0.00	24.86 1.48 0.00	23.41 1.46 0.00	22.54 1.03 -6.52	31.50 1.35 -11.71	32.41 1.21 -15.38	34.53 2.29 0.00	38.25 2.58 0.00	33.74 2.45 0.00	35.49 2.57 0.00	33.84 2.47 0.00	36.69 2.61 0.00	34.93 2.49 0.00	35.60 2.54 0.00	39.96 2.85 0.00	45.57 3.21 0.00	51.20 3.53 0.00	45.66 2.90 0.00	46.14 3.01 0.00	41.36 2.64 0.00	35.86 2.25 0.00	32.12 1.56 -7.11
RAVENSWOOD_GT2_4 24247	35.77 2.17 -1.03	35.23 2.08 0.00	32.63 1.88 0.00	24.86 1.48 0.00	23.41 1.46 0.00	22.54 1.03 -6.52	31.50 1.35 -11.71	32.41 1.21 -15.38	34.53 2.29 0.00	38.25 2.58 0.00	33.74 2.45 0.00	35.49 2.57 0.00	33.84 2.47 0.00	36.69 2.61 0.00	34.93 2.49 0.00	35.60 2.54 0.00	39.96 2.85 0.00	45.57 3.21 0.00	51.20 3.53 0.00	45.66 2.90 0.00	46.14 3.01 0.00	41.36 2.64 0.00	35.86 2.25 0.00	32.12 1.56 -7.11
RAVENSWOOD_GT3_1 24248	35.75 2.16 -1.03	35.22 2.07 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.54 1.02 -6.52	31.50 1.34 -11.71	32.40 1.21 -15.38	34.52 2.28 0.00	38.25 2.57 0.00	33.73 2.44 0.00	35.48 2.56 0.00	33.84 2.46 0.00	36.67 2.59 0.00	34.91 2.48 0.00	35.59 2.53 0.00	39.95 2.84 0.00	45.56 3.19 0.00	51.17 3.51 0.00	45.64 2.88 0.00	46.11 2.99 0.00	41.34 2.62 0.00	35.85 2.24 0.00	32.12 1.55 -7.11
RAVENSWOOD_GT3_2 24249	35.75 2.16 -1.03	35.22 2.07 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.54 1.02 -6.52	31.50 1.34 -11.71	32.40 1.21 -15.38	34.52 2.28 0.00	38.25 2.57 0.00	33.73 2.44 0.00	35.48 2.56 0.00	33.84 2.46 0.00	36.67 2.59 0.00	34.91 2.48 0.00	35.59 2.53 0.00	39.95 2.84 0.00	45.56 3.19 0.00	51.17 3.51 0.00	45.64 2.88 0.00	46.11 2.99 0.00	41.34 2.62 0.00	35.85 2.24 0.00	32.12 1.55 -7.11
RAVENSWOOD_GT3_3 24250	35.79 2.20 -1.03	35.26 2.11 0.00	32.65 1.90 0.00	24.89 1.51 0.00	23.42 1.48 0.00	22.55 1.04 -6.52	31.52 1.37 -11.71	32.42 1.23 -15.38	34.56 2.32 0.00	38.29 2.61 0.00	33.77 2.48 0.00	35.52 2.60 0.00	33.88 2.50 0.00	36.72 2.64 0.00	34.96 2.53 0.00	35.63 2.57 0.00	40.00 2.89 0.00	45.62 3.25 0.00	51.24 3.58 0.00	45.70 2.94 0.00	46.17 3.05 0.00	41.39 2.67 0.00	35.89 2.28 0.00	32.15 1.58 -7.11
RAVENSWOOD_GT3_4 24251	35.79 2.20 -1.03	35.26 2.11 0.00	32.65 1.90 0.00	24.89 1.51 0.00	23.42 1.48 0.00	22.55 1.04 -6.52	31.52 1.37 -11.71	32.42 1.23 -15.38	34.56 2.32 0.00	38.29 2.61 0.00	33.77 2.48 0.00	35.52 2.60 0.00	33.88 2.50 0.00	36.72 2.64 0.00	34.96 2.53 0.00	35.63 2.57 0.00	40.00 2.89 0.00	45.62 3.25 0.00	51.24 3.58 0.00	45.70 2.94 0.00	46.17 3.05 0.00	41.39 2.67 0.00	35.89 2.28 0.00	32.15 1.58 -7.11
RAVENSWOOD_GT_1 23729	35.87 2.28 -1.03	35.34 2.19 0.00	32.71 1.96 0.00	24.92 1.54 0.00	23.47 1.52 0.00	22.59 1.08 -6.52	31.56 1.40 -11.71	32.45 1.26 -15.38	34.63 2.39 0.00	38.39 2.71 0.00	33.88 2.58 0.00	35.61 2.69 0.00	33.96 2.58 0.00	36.81 2.73 0.00	35.03 2.60 0.00	35.71 2.65 0.00	40.07 2.96 0.00	45.70 3.33 0.00	51.31 3.65 0.00	45.75 2.99 0.00	46.24 3.11 0.00	41.47 2.75 0.00	35.94 2.33 0.00	32.17 1.61 -7.11
RAVENSWOOD_GT_10 24258	35.75 2.16 -1.03	35.22 2.06 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.49 1.34 -11.71	32.40 1.21 -15.38	34.52 2.28 0.00	38.24 2.57 0.00	33.73 2.43 0.00	35.48 2.55 0.00	33.84 2.46 0.00	36.67 2.59 0.00	34.91 2.48 0.00	35.59 2.53 0.00	39.95 2.84 0.00	45.56 3.19 0.00	51.17 3.51 0.00	45.64 2.88 0.00	46.11 2.99 0.00	41.34 2.62 0.00	35.85 2.24 0.00	32.11 1.55 -7.11
RAVENSWOOD_GT_11 24259	35.75 2.16 -1.03	35.22 2.06 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.49 1.34 -11.71	32.40 1.21 -15.38	34.52 2.28 0.00	38.24 2.57 0.00	33.73 2.43 0.00	35.48 2.55 0.00	33.84 2.46 0.00	36.67 2.59 0.00	34.91 2.48 0.00	35.59 2.53 0.00	39.95 2.84 0.00	45.56 3.19 0.00	51.17 3.51 0.00	45.64 2.88 0.00	46.11 2.99 0.00	41.34 2.62 0.00	35.85 2.24 0.00	32.11 1.55 -7.11
RAVENSWOOD_GT_4 24252	35.77 2.18 -1.03	35.23 2.08 0.00	32.63 1.88 0.00	24.87 1.49 0.00	23.41 1.47 0.00	22.55 1.03 -6.52	31.51 1.35 -11.71	32.41 1.21 -15.38	34.54 2.30 0.00	38.28 2.60 0.00	33.76 2.47 0.00	35.50 2.58 0.00	33.85 2.48 0.00	36.69 2.62 0.00	34.93 2.50 0.00	35.60 2.54 0.00	39.97 2.85 0.00	45.58 3.21 0.00	51.19 3.53 0.00	45.66 2.90 0.00	46.14 3.01 0.00	41.36 2.64 0.00	35.86 2.25 0.00	32.12 1.56 -7.11
RAVENSWOOD_GT_5 24254	35.77 2.18 -1.03	35.23 2.08 0.00	32.63 1.88 0.00	24.87 1.49 0.00	23.41 1.47 0.00	22.55 1.03 -6.52	31.51 1.35 -11.71	32.41 1.21 -15.38	34.54 2.30 0.00	38.28 2.60 0.00	33.76 2.47 0.00	35.50 2.58 0.00	33.85 2.48 0.00	36.69 2.62 0.00	34.93 2.50 0.00	35.60 2.54 0.00	39.97 2.85 0.00	45.58 3.21 0.00	51.19 3.53 0.00	45.66 2.90 0.00	46.14 3.01 0.00	41.36 2.64 0.00	35.86 2.25 0.00	32.12 1.56 -7.11
RAVENSWOOD_GT_6 24253	35.77 2.18 -1.03	35.23 2.08 0.00	32.63 1.88 0.00	24.87 1.49 0.00	23.41 1.47 0.00	22.55 1.03 -6.52	31.51 1.35 -11.71	32.41 1.21 -15.38	34.54 2.30 0.00	38.28 2.60 0.00	33.76 2.47 0.00	35.50 2.58 0.00	33.85 2.48 0.00	36.69 2.62 0.00	34.93 2.50 0.00	35.60 2.54 0.00	39.97 2.85 0.00	45.58 3.21 0.00	51.19 3.53 0.00	45.66 2.90 0.00	46.14 3.01 0.00	41.36 2.64 0.00	35.86 2.25 0.00	32.12 1.56 -7.11

RAVENSWOOD_GT_7 24255	35.77 2.18 -1.03	35.23 2.08 0.00	32.63 1.88 0.00	24.87 1.49 0.00	23.41 1.47 0.00	22.55 1.03 -6.52	31.51 1.35 -11.71	32.41 1.21 -15.38	34.54 2.30 0.00	38.28 2.60 0.00	33.76 2.47 0.00	35.50 2.58 0.00	33.85 2.48 0.00	36.69 2.62 0.00	34.93 2.50 0.00	35.60 2.54 0.00	39.97 2.85 0.00	45.58 3.21 0.00	51.19 3.53 0.00	45.66 2.90 0.00	46.14 3.01 0.00	41.36 2.64 0.00	35.86 2.25 0.00	32.12 1.56 -7.11
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.75 2.16 -1.03	35.22 2.06 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.49 1.34 -11.71	32.40 1.21 -15.38	34.52 2.28 0.00	38.24 2.57 0.00	33.73 2.43 0.00	35.48 2.55 0.00	33.84 2.46 0.00	36.67 2.59 0.00	34.91 2.48 0.00	35.59 2.53 0.00	39.95 2.84 0.00	45.56 3.19 0.00	51.17 3.51 0.00	45.64 2.88 0.00	46.11 2.99 0.00	41.34 2.62 0.00	35.85 2.24 0.00	32.11 1.55 -7.11
RAVENSWOOD_GT_9 24257	35.75 2.16 -1.03	35.22 2.06 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.53 1.02 -6.52	31.49 1.34 -11.71	32.40 1.21 -15.38	34.52 2.28 0.00	38.24 2.57 0.00	33.73 2.43 0.00	35.48 2.55 0.00	33.84 2.46 0.00	36.67 2.59 0.00	34.91 2.48 0.00	35.59 2.53 0.00	39.95 2.84 0.00	45.56 3.19 0.00	51.17 3.51 0.00	45.64 2.88 0.00	46.11 2.99 0.00	41.34 2.62 0.00	35.85 2.24 0.00	32.11 1.55 -7.11
RAVENSWOOD___1 23533	35.81 2.22 -1.03	35.27 2.12 0.00	32.65 1.90 0.00	24.89 1.51 0.00	23.44 1.50 0.00	22.57 1.06 -6.52	31.53 1.37 -11.71	32.43 1.24 -15.38	34.56 2.32 0.00	38.31 2.63 0.00	33.81 2.52 0.00	35.55 2.63 0.00	33.90 2.52 0.00	36.74 2.66 0.00	34.96 2.53 0.00	35.64 2.59 0.00	39.99 2.88 0.00	45.63 3.26 0.00	51.21 3.55 0.00	45.68 2.92 0.00	46.17 3.04 0.00	41.40 2.68 0.00	35.87 2.26 0.00	32.13 1.57 -7.11
RAVENSWOOD___2 23534	35.81 2.22 -1.03	35.27 2.12 0.00	32.65 1.90 0.00	24.89 1.51 0.00	23.44 1.50 0.00	22.57 1.06 -6.52	31.53 1.37 -11.71	32.43 1.24 -15.38	34.56 2.32 0.00	38.31 2.63 0.00	33.81 2.52 0.00	35.55 2.63 0.00	33.90 2.52 0.00	36.74 2.66 0.00	34.96 2.53 0.00	35.64 2.59 0.00	39.99 2.88 0.00	45.63 3.26 0.00	51.21 3.55 0.00	45.68 2.92 0.00	46.17 3.04 0.00	41.40 2.68 0.00	35.87 2.26 0.00	32.13 1.57 -7.11
RAVENSWOOD___3 23535	35.75 2.16 -1.03	35.21 2.06 0.00	32.61 1.86 0.00	24.85 1.47 0.00	23.40 1.45 0.00	22.54 1.02 -6.52	31.50 1.34 -11.71	32.40 1.21 -15.38	34.51 2.27 0.00	38.24 2.56 0.00	33.73 2.43 0.00	35.48 2.56 0.00	33.84 2.46 0.00	36.66 2.58 0.00	34.91 2.48 0.00	35.58 2.52 0.00	39.93 2.82 0.00	45.55 3.19 0.00	51.16 3.49 0.00	45.64 2.88 0.00	46.11 2.98 0.00	41.33 2.61 0.00	35.84 2.23 0.00	32.11 1.55 -7.11
RAVENSWOOD___4 23820	35.81 2.22 -1.03	35.27 2.12 0.00	32.65 1.90 0.00	24.89 1.51 0.00	23.44 1.50 0.00	22.57 1.06 -6.52	31.53 1.37 -11.71	32.43 1.24 -15.38	34.56 2.32 0.00	38.31 2.63 0.00	33.81 2.52 0.00	35.55 2.63 0.00	33.90 2.52 0.00	36.74 2.66 0.00	34.96 2.53 0.00	35.64 2.59 0.00	39.99 2.88 0.00	45.63 3.26 0.00	51.21 3.55 0.00	45.68 2.92 0.00	46.17 3.04 0.00	41.40 2.68 0.00	35.87 2.26 0.00	32.13 1.57 -7.11
RCPL_TRUST___DRP 24196	35.93 2.34 -1.03	35.40 2.25 0.00	32.78 2.02 0.00	24.98 1.60 0.00	23.52 1.58 0.00	22.62 1.11 -6.52	31.60 1.45 -11.71	32.50 1.31 -15.38	34.74 2.50 0.00	38.50 2.82 0.00	33.96 2.67 0.00	35.73 2.81 0.00	34.07 2.69 0.00	36.93 2.85 0.00	35.15 2.72 0.00	35.83 2.77 0.00	40.22 3.10 0.00	45.85 3.49 0.00	51.53 3.87 0.00	45.94 3.18 0.00	46.42 3.29 0.00	41.60 2.87 0.00	36.06 2.45 0.00	32.25 1.69 -7.11
RED___ROCHESTER 323720	31.03 -1.14 0.38	32.22 -0.93 0.00	29.85 -0.91 0.00	22.67 -0.71 0.00	21.31 -0.63 0.00	15.35 -0.47 -0.82	19.34 -0.58 -1.48	17.22 -0.48 -1.89	31.25 -0.99 0.00	34.62 -1.05 0.00	30.33 -0.96 0.00	31.88 -1.04 0.00	30.38 -1.00 0.00	33.02 -1.06 0.00	31.33 -1.11 0.00	32.05 -1.00 0.00	35.97 -1.15 0.00	41.02 -1.34 0.00	45.98 -1.68 0.00	41.33 -1.43 0.00	41.94 -1.18 0.00	37.74 -0.99 0.00	32.87 -0.75 0.00	23.75 -0.56 -0.87
REGAN___SOLAR 323812	35.39 1.55 -1.29	34.70 1.55 0.00	32.15 1.39 0.00	24.44 1.06 0.00	22.93 0.99 0.00	23.82 0.68 -8.14	33.96 0.86 -14.65	35.57 0.61 -19.14	33.26 1.02 0.00	36.69 1.02 0.00	32.14 0.84 0.00	33.73 0.81 0.00	31.99 0.62 0.00	34.79 0.71 0.00	33.36 0.92 0.00	34.14 1.09 0.00	38.62 1.51 0.00	44.25 1.88 0.00	50.00 2.34 0.00	45.03 2.27 0.00	45.47 2.35 0.00	40.75 2.04 0.00	35.34 1.73 0.00	33.42 1.13 -8.84
RENSSELAER___COGEN 23796	34.76 1.02 -1.18	34.11 0.96 0.00	31.67 0.92 0.00	24.12 0.73 0.00	22.62 0.68 0.00	22.91 0.47 -7.45	32.38 0.54 -13.40	33.79 0.44 -17.53	33.00 0.76 0.00	36.49 0.82 0.00	32.08 0.78 0.00	33.78 0.86 0.00	32.14 0.76 0.00	34.95 0.87 0.00	33.26 0.83 0.00	33.86 0.81 0.00	38.14 1.03 0.00	43.43 1.06 0.00	48.85 1.19 0.00	43.83 1.07 0.00	44.25 1.13 0.00	39.75 1.03 0.00	34.48 0.87 0.00	32.22 0.67 -8.10
REPUBLIC_115KV_BARTNBRK 55605	37.68 3.90 -1.21	36.88 3.73 0.00	34.36 3.60 0.00	26.26 2.87 0.00	24.46 2.52 0.00	24.49 1.84 -7.66	34.59 2.35 -13.80	35.71 1.85 -18.04	35.57 3.33 0.00	38.86 3.19 0.00	33.82 2.52 0.00	36.02 3.10 0.00	34.05 2.68 0.00	37.17 3.09 0.00	35.09 2.65 0.00	35.94 2.88 0.00	41.00 3.89 0.00	46.86 4.49 0.00	53.50 5.84 0.00	48.19 5.43 0.00	48.61 5.49 0.00	43.50 4.78 0.00	37.75 4.14 0.00	34.46 2.67 -8.34
REVERE_CPPR_DRP 24186	33.55 0.93 -0.06	34.07 0.91 0.00	31.52 0.77 0.00	23.93 0.55 0.00	22.48 0.53 0.00	15.72 0.33 -0.39	19.56 0.41 -0.70	17.05 0.34 -0.89	32.93 0.69 0.00	36.58 0.91 0.00	32.00 0.70 0.00	33.53 0.61 0.00	32.08 0.70 0.00	34.73 0.65 0.00	33.04 0.61 0.00	33.75 0.70 0.00	37.84 0.73 0.00	43.38 1.02 0.00	48.95 1.28 0.00	43.93 1.17 0.00	44.33 1.20 0.00	39.70 0.98 0.00	34.40 0.79 0.00	24.31 0.46 -0.41
REYNLDDPA_13_KV_LD 356490	32.43 -0.13 0.00	33.02 -0.13 0.00	30.66 -0.09 0.00	23.30 -0.08 0.00	21.85 -0.09 0.00	14.92 -0.07 0.00	18.33 -0.11 0.00	15.70 -0.11 0.00	32.11 -0.13 0.00	35.50 -0.17 0.00	31.08 -0.22 0.00	32.67 -0.25 0.00	31.19 -0.19 0.00	33.91 -0.16 0.00	32.27 -0.17 0.00	32.94 -0.12 0.00	36.94 -0.17 0.00	42.22 -0.14 0.00	47.46 -0.20 0.00	42.69 -0.07 0.00	43.11 -0.02 0.00	38.76 0.04 0.00	33.65 0.03 0.00	23.43 -0.02 0.00
REYNOLDS_115KV_TB3 80639	34.94 1.20 -1.18	34.28 1.13 0.00	31.83 1.07 0.00	24.23 0.85 0.00	22.72 0.78 0.00	23.00 0.55 -7.46	32.55 0.69 -13.42	33.94 0.56 -17.56	33.25 1.01 0.00	36.75 1.07 0.00	32.30 1.00 0.00	34.01 1.09 0.00	32.35 0.97 0.00	35.19 1.12 0.00	33.49 1.05 0.00	34.09 1.03 0.00	38.40 1.29 0.00	43.75 1.38 0.00	49.25 1.58 0.00	44.17 1.41 0.00	44.58 1.46 0.00	40.04 1.32 0.00	34.72 1.11 0.00	32.41 0.84 -8.12

RIVERBAY____ 323610	36.05 2.46 -1.03	35.57 2.42 0.00	32.97 2.21 0.00	25.13 1.75 0.00	23.66 1.72 0.00	22.73 1.21 -6.52	31.74 1.58 -11.71	32.57 1.37 -15.38	34.83 2.59 0.00	38.34 2.67 0.00	33.84 2.55 0.00	35.53 2.61 0.00	33.87 2.49 0.00	36.72 2.64 0.00	34.95 2.51 0.00	35.58 2.53 0.00	39.95 2.83 0.00	45.62 3.25 0.00	51.19 3.53 0.00	46.12 3.36 0.00	46.70 3.57 0.00	41.92 3.20 0.00	36.32 2.71 0.00	32.47 1.90 -7.11
RIVERSDE_115KV_TB3 55908	34.88 1.14 -1.19	34.23 1.08 0.00	31.77 1.02 0.00	24.19 0.81 0.00	22.68 0.74 0.00	22.98 0.52 -7.47	32.51 0.63 -13.45	33.91 0.51 -17.59	33.14 0.90 0.00	36.64 0.97 0.00	32.21 0.91 0.00	33.92 0.99 0.00	32.26 0.88 0.00	35.09 1.01 0.00	33.39 0.96 0.00	34.00 0.94 0.00	38.29 1.18 0.00	43.63 1.26 0.00	49.08 1.42 0.00	44.04 1.28 0.00	44.45 1.32 0.00	39.92 1.20 0.00	34.62 1.01 0.00	32.35 0.77 -8.13
ROARING__BROOK_WT_PWR 323790	32.30 -0.26 0.00	32.87 -0.28 0.00	30.53 -0.23 0.00	23.16 -0.22 0.00	21.73 -0.21 0.00	14.86 -0.14 0.00	18.27 -0.17 0.00	15.67 -0.14 0.00	31.93 -0.31 0.00	35.30 -0.38 0.00	30.88 -0.42 0.00	32.54 -0.39 0.00	30.93 -0.45 0.00	33.49 -0.59 0.00	31.99 -0.44 0.00	32.56 -0.49 0.00	36.29 -0.83 0.00	41.51 -0.85 0.00	46.80 -0.85 0.00	42.09 -0.67 0.00	42.34 -0.79 0.00	37.95 -0.77 0.00	32.98 -0.64 0.00	22.95 -0.50 0.00
ROCHESRG_115KV_T4 355643	29.60 -1.47 1.49	30.60 -1.27 1.29	28.47 -1.19 1.10	20.96 -0.92 1.50	19.62 -0.83 1.49	13.84 -0.60 0.56	17.68 -0.75 0.01	15.62 -0.63 -0.44	29.17 -1.36 1.71	32.41 -1.48 1.79	28.57 -1.34 1.39	30.30 -1.45 1.18	29.94 -1.35 0.08	32.33 -1.48 0.28	29.36 -1.52 1.55	30.19 -1.46 1.41	33.55 -1.68 1.88	38.31 -1.95 2.11	42.78 -2.38 2.50	38.52 -2.05 2.20	39.34 -1.79 2.00	35.32 -1.51 1.90	30.70 -1.17 1.74	21.93 -0.82 0.69
ROCHESTER_9_IC 23652	30.91 -1.26 0.39	32.09 -1.07 0.00	29.75 -1.01 0.00	22.60 -0.78 0.00	21.24 -0.70 0.00	15.31 -0.51 -0.83	19.29 -0.63 -1.48	17.18 -0.53 -1.90	31.09 -1.15 0.00	34.45 -1.23 0.00	30.18 -1.11 0.00	31.73 -1.19 0.00	30.26 -1.12 0.00	32.87 -1.21 0.00	31.15 -1.27 0.00	31.86 -1.19 0.00	35.72 -1.39 0.00	40.75 -1.61 0.00	45.67 -1.99 0.00	41.06 -1.70 0.00	41.69 -1.44 0.00	37.52 -1.20 0.00	32.69 -0.92 0.00	23.66 -0.65 -0.87
ROCKVIEW_13_KV_LD 356306	35.87 2.28 -1.03	35.34 2.18 0.00	32.71 1.96 0.00	24.91 1.53 0.00	23.44 1.50 0.00	22.56 1.05 -6.52	31.54 1.38 -11.71	32.42 1.23 -15.38	34.58 2.34 0.00	38.32 2.65 0.00	33.80 2.51 0.00	35.57 2.64 0.00	33.91 2.53 0.00	36.77 2.69 0.00	35.01 2.58 0.00	35.68 2.62 0.00	40.07 2.96 0.00	45.70 3.33 0.00	51.37 3.71 0.00	45.83 3.07 0.00	46.31 3.19 0.00	41.52 2.80 0.00	36.00 2.39 0.00	32.21 1.65 -7.11
ROME____115KV_TB2 80656	33.55 0.93 -0.06	34.07 0.91 0.00	31.52 0.77 0.00	23.93 0.55 0.00	22.48 0.53 0.00	15.72 0.33 -0.39	19.56 0.41 -0.70	17.05 0.34 -0.89	32.93 0.69 0.00	36.58 0.91 0.00	32.00 0.70 0.00	33.53 0.61 0.00	32.08 0.70 0.00	34.73 0.65 0.00	33.04 0.61 0.00	33.75 0.70 0.00	37.84 0.73 0.00	43.38 1.02 0.00	48.95 1.28 0.00	43.93 1.17 0.00	44.33 1.20 0.00	39.70 0.98 0.00	34.40 0.79 0.00	24.31 0.46 -0.41
ROSETON____1 23587	35.36 1.77 -1.04	34.83 1.67 0.00	32.25 1.50 0.00	24.56 1.18 0.00	23.09 1.15 0.00	22.34 0.82 -6.53	31.26 1.08 -11.74	32.19 0.96 -15.41	34.04 1.80 0.00	37.70 2.03 0.00	33.25 1.96 0.00	34.99 2.07 0.00	33.36 1.98 0.00	36.17 2.09 0.00	34.42 2.00 0.00	35.09 2.03 0.00	39.41 2.30 0.00	44.98 2.61 0.00	50.56 2.90 0.00	45.15 2.39 0.00	45.62 2.50 0.00	40.90 2.18 0.00	35.47 1.86 0.00	31.87 1.29 -7.13
ROSETON____2 23588	35.36 1.77 -1.04	34.83 1.67 0.00	32.25 1.50 0.00	24.56 1.18 0.00	23.09 1.15 0.00	22.34 0.82 -6.53	31.26 1.08 -11.74	32.19 0.96 -15.41	34.04 1.80 0.00	37.70 2.03 0.00	33.25 1.96 0.00	34.99 2.07 0.00	33.36 1.98 0.00	36.17 2.09 0.00	34.42 2.00 0.00	35.09 2.03 0.00	39.41 2.30 0.00	44.98 2.61 0.00	50.56 2.90 0.00	45.15 2.39 0.00	45.62 2.50 0.00	40.90 2.18 0.00	35.47 1.86 0.00	31.87 1.29 -7.13
ROTTDRAM_115KV_TB3 80664	34.87 1.09 -1.22	34.22 1.07 0.00	31.73 0.98 0.00	24.15 0.77 0.00	22.65 0.71 0.00	23.22 0.51 -7.72	32.98 0.64 -13.90	34.53 0.53 -18.18	33.20 0.96 0.00	36.69 1.01 0.00	32.20 0.91 0.00	33.90 0.98 0.00	32.26 0.88 0.00	35.06 0.98 0.00	33.38 0.95 0.00	34.02 0.96 0.00	38.31 1.20 0.00	43.74 1.37 0.00	49.28 1.62 0.00	44.19 1.43 0.00	44.63 1.50 0.00	40.04 1.32 0.00	34.72 1.12 0.00	32.64 0.79 -8.40
RUSSELL____1 23602	31.02 -1.16 0.38	32.19 -0.96 0.00	29.84 -0.92 0.00	22.66 -0.72 0.00	21.31 -0.64 0.00	15.34 -0.47 -0.82	19.34 -0.58 -1.48	17.22 -0.49 -1.89	31.19 -1.05 0.00	34.57 -1.10 0.00	30.30 -1.00 0.00	31.85 -1.07 0.00	30.37 -1.00 0.00	33.01 -1.07 0.00	31.29 -1.14 0.00	31.99 -1.06 0.00	35.88 -1.23 0.00	40.93 -1.44 0.00	45.88 -1.78 0.00	41.24 -1.51 0.00	41.88 -1.25 0.00	37.68 -1.04 0.00	32.83 -0.78 0.00	23.75 -0.57 -0.87
RUSSELL____2 23532	31.02 -1.16 0.38	32.19 -0.96 0.00	29.84 -0.92 0.00	22.66 -0.72 0.00	21.31 -0.64 0.00	15.34 -0.47 -0.82	19.34 -0.58 -1.48	17.22 -0.49 -1.89	31.19 -1.05 0.00	34.57 -1.10 0.00	30.30 -1.00 0.00	31.85 -1.07 0.00	30.37 -1.00 0.00	33.01 -1.07 0.00	31.29 -1.14 0.00	31.99 -1.06 0.00	35.88 -1.23 0.00	40.93 -1.44 0.00	45.88 -1.78 0.00	41.24 -1.51 0.00	41.88 -1.25 0.00	37.68 -1.04 0.00	32.83 -0.78 0.00	23.75 -0.57 -0.87
RUSSELL____3 23549	31.02 -1.16 0.38	32.19 -0.96 0.00	29.84 -0.92 0.00	22.66 -0.72 0.00	21.31 -0.64 0.00	15.34 -0.47 -0.82	19.34 -0.58 -1.48	17.22 -0.49 -1.89	31.19 -1.05 0.00	34.57 -1.10 0.00	30.30 -1.00 0.00	31.85 -1.07 0.00	30.37 -1.00 0.00	33.01 -1.07 0.00	31.29 -1.14 0.00	31.99 -1.06 0.00	35.88 -1.23 0.00	40.93 -1.44 0.00	45.88 -1.78 0.00	41.24 -1.51 0.00	41.88 -1.25 0.00	37.68 -1.04 0.00	32.83 -0.78 0.00	23.75 -0.57 -0.87
RUSSELL____4 23556	31.02 -1.16 0.38	32.19 -0.96 0.00	29.84 -0.92 0.00	22.66 -0.72 0.00	21.31 -0.64 0.00	15.34 -0.47 -0.82	19.34 -0.58 -1.48	17.22 -0.49 -1.89	31.19 -1.05 0.00	34.57 -1.10 0.00	30.30 -1.00 0.00	31.85 -1.07 0.00	30.37 -1.00 0.00	33.01 -1.07 0.00	31.29 -1.14 0.00	31.99 -1.06 0.00	35.88 -1.23 0.00	40.93 -1.44 0.00	45.88 -1.78 0.00	41.24 -1.51 0.00	41.88 -1.25 0.00	37.68 -1.04 0.00	32.83 -0.78 0.00	23.75 -0.57 -0.87
RUSSELL__STATION 23914	31.02 -1.16 0.38	32.19 -0.96 0.00	29.84 -0.92 0.00	22.66 -0.72 0.00	21.31 -0.64 0.00	15.34 -0.47 -0.82	19.34 -0.58 -1.48	17.22 -0.49 -1.89	31.19 -1.05 0.00	34.57 -1.10 0.00	30.30 -1.00 0.00	31.85 -1.07 0.00	30.37 -1.00 0.00	33.01 -1.07 0.00	31.29 -1.14 0.00	31.99 -1.06 0.00	35.88 -1.23 0.00	40.93 -1.44 0.00	45.88 -1.78 0.00	41.24 -1.51 0.00	41.88 -1.25 0.00	37.68 -1.04 0.00	32.83 -0.78 0.00	23.75 -0.57 -0.87

S SALMON___HYD 24043	32.13 -0.51 -0.08	32.61 -0.54 0.00	30.18 -0.57 0.00	22.93 -0.45 0.00	21.53 -0.41 0.00	15.22 -0.30 -0.52	19.00 -0.37 -0.94	16.71 -0.31 -1.20	31.58 -0.65 0.00	35.06 -0.62 0.00	30.67 -0.63 0.00	32.15 -0.77 0.00	30.79 -0.59 0.00	33.24 -0.84 0.00	31.62 -0.81 0.00	32.23 -0.83 0.00	36.14 -0.98 0.00	41.20 -1.16 0.00	46.52 -1.14 0.00	41.76 -1.00 0.00	42.20 -0.92 0.00	37.89 -0.84 0.00	32.86 -0.75 0.00	23.44 -0.56 -0.55
S.PERRY___115KV_TB1 80734	58.32 -0.83 -26.59	64.16 -0.64 -31.65	57.01 -0.73 -26.99	59.66 -0.62 -36.90	58.15 -0.55 -36.76	49.50 -0.43 -34.94	56.33 -0.51 -38.39	53.39 -0.41 -37.98	73.68 -0.88 -42.32	79.04 -0.86 -44.23	64.99 -0.80 -34.49	61.23 -0.88 -29.19	32.65 -0.78 -2.05	39.89 -1.02 -6.83	69.66 -1.11 -38.33	67.04 -0.96 -34.94	82.57 -1.13 -46.58	93.34 -1.12 -52.09	108.13 -1.37 -61.83	96.04 -1.06 -54.34	91.90 -0.75 -49.52	85.05 -0.65 -46.97	76.15 -0.55 -43.10	62.57 -0.49 -39.61
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.43 -3.07 10.06	19.81 -2.60 10.74	19.17 -2.43 9.16	8.99 -1.87 12.52	7.78 -1.69 12.47	3.37 -1.23 10.39	6.52 -1.54 10.39	4.95 -1.36 9.50	14.93 -2.96 14.34	17.41 -3.27 14.99	16.60 -3.00 11.69	19.78 -3.25 9.90	27.53 -3.15 0.69	28.34 -3.42 2.32	16.00 -3.44 12.99	17.90 -3.31 11.85	17.46 -3.86 15.79	20.19 -4.52 17.66	21.30 -5.41 20.96	19.69 -4.65 18.42	22.14 -4.20 16.79	19.35 -3.45 15.92	16.39 -2.61 14.61	9.76 -1.81 11.88
SAWYER___23_KV_LOAD 55526	19.43 -3.07 10.06	19.81 -2.60 10.74	19.17 -2.43 9.16	8.99 -1.87 12.52	7.78 -1.69 12.47	3.37 -1.23 10.39	6.52 -1.54 10.39	4.95 -1.36 9.50	14.93 -2.96 14.34	17.41 -3.27 14.99	16.60 -3.00 11.69	19.78 -3.25 9.90	27.53 -3.15 0.69	28.34 -3.42 2.32	16.00 -3.44 12.99	17.90 -3.31 11.85	17.46 -3.86 15.79	20.19 -4.52 17.66	21.30 -5.41 20.96	19.69 -4.65 18.42	22.14 -4.20 16.79	19.35 -3.45 15.92	16.39 -2.61 14.61	9.76 -1.81 11.88
SELKIRK___I 23801	34.88 1.16 -1.17	34.29 1.14 0.00	31.83 1.08 0.00	24.23 0.85 0.00	22.74 0.80 0.00	22.90 0.54 -7.36	32.34 0.66 -13.24	33.68 0.53 -17.33	33.19 0.95 0.00	36.68 1.01 0.00	32.22 0.93 0.00	33.92 1.00 0.00	32.27 0.89 0.00	35.08 1.01 0.00	33.39 0.96 0.00	34.03 0.98 0.00	38.31 1.20 0.00	43.68 1.31 0.00	49.16 1.50 0.00	44.09 1.33 0.00	44.53 1.40 0.00	40.00 1.27 0.00	34.70 1.08 0.00	32.26 0.80 -8.01
SELKIRK___II 23799	34.76 1.02 -1.18	34.14 0.98 0.00	31.68 0.92 0.00	24.11 0.73 0.00	22.62 0.68 0.00	22.88 0.48 -7.41	32.35 0.58 -13.33	33.75 0.48 -17.45	33.10 0.86 0.00	36.60 0.93 0.00	32.17 0.88 0.00	33.87 0.95 0.00	32.24 0.86 0.00	35.05 0.97 0.00	33.35 0.92 0.00	33.96 0.91 0.00	38.23 1.11 0.00	43.57 1.21 0.00	49.02 1.35 0.00	43.95 1.19 0.00	44.38 1.25 0.00	39.85 1.13 0.00	34.56 0.95 0.00	32.22 0.70 -8.06
SENECA OSWGO___HYD 24041	31.79 -0.86 -0.09	32.30 -0.85 0.00	29.94 -0.82 0.00	22.75 -0.63 0.00	21.37 -0.58 0.00	15.17 -0.40 -0.57	18.97 -0.49 -1.03	16.71 -0.42 -1.31	31.37 -0.87 0.00	34.77 -0.91 0.00	30.48 -0.81 0.00	32.05 -0.87 0.00	30.58 -0.80 0.00	33.19 -0.89 0.00	31.57 -0.87 0.00	32.16 -0.90 0.00	36.11 -1.00 0.00	41.19 -1.18 0.00	46.32 -1.34 0.00	41.57 -1.20 0.00	41.98 -1.15 0.00	37.65 -1.07 0.00	32.68 -0.93 0.00	23.42 -0.63 -0.60
SENECA___115KV_TB3 355854	18.54 -2.81 11.20	18.89 -2.29 11.97	18.32 -2.23 10.21	7.70 -1.73 13.96	6.48 -1.56 13.91	2.18 -1.16 11.65	5.28 -1.46 11.70	3.78 -1.28 10.75	13.52 -2.72 16.00	16.00 -2.96 16.72	15.53 -2.73 13.04	18.93 -2.96 11.03	27.67 -2.93 0.77	28.34 -3.16 2.58	14.79 -3.15 14.49	16.88 -2.96 13.21	16.05 -3.46 17.61	18.60 -4.08 19.69	19.45 -4.85 23.37	17.99 -4.23 20.54	20.56 -3.85 18.71	17.82 -3.14 17.75	14.93 -2.39 16.29	8.42 -1.71 13.32
SENECA___ENERGY 23797	33.54 -0.64 -1.62	34.83 -0.53 -2.20	32.11 -0.52 -1.87	25.53 -0.41 -2.57	24.10 -0.40 -2.56	17.94 -0.30 -3.25	22.22 -0.36 -4.15	20.08 -0.26 -4.53	34.63 -0.56 -2.95	38.18 -0.58 -3.09	33.16 -0.55 -2.41	34.36 -0.60 -2.04	30.93 -0.59 -0.14	33.94 -0.61 -0.48	34.48 -0.62 -2.68	34.87 -0.63 -2.44	39.69 -0.67 -3.25	45.24 -0.77 -3.63	51.10 -0.87 -4.31	45.72 -0.83 -3.79	45.86 -0.72 -3.46	41.38 -0.62 -3.28	36.06 -0.56 -3.01	26.66 -0.42 -3.63
SHOEMAKER___GT 23640	35.24 1.70 -0.98	34.77 1.62 0.00	32.19 1.44 0.00	24.51 1.13 0.00	23.05 1.11 0.00	21.99 0.79 -6.20	30.61 1.02 -11.15	31.39 0.91 -14.66	33.94 1.70 0.00	37.60 1.93 0.00	33.16 1.86 0.00	34.88 1.96 0.00	33.26 1.88 0.00	36.06 1.98 0.00	34.33 1.90 0.00	35.00 1.95 0.00	39.31 2.20 0.00	44.88 2.51 0.00	50.45 2.79 0.00	45.05 2.29 0.00	45.55 2.42 0.00	40.82 2.10 0.00	35.41 1.79 0.00	31.47 1.24 -6.79
SHOEMAKR_138KV_BK 111 55601	35.24 1.70 -0.98	34.77 1.62 0.00	32.19 1.44 0.00	24.51 1.13 0.00	23.05 1.11 0.00	21.97 0.79 -6.18	30.57 1.02 -11.11	31.33 0.91 -14.60	33.96 1.71 0.00	37.63 1.96 0.00	33.16 1.86 0.00	34.90 1.98 0.00	33.26 1.88 0.00	36.07 1.99 0.00	34.35 1.92 0.00	35.02 1.96 0.00	39.33 2.22 0.00	44.88 2.52 0.00	50.46 2.80 0.00	45.04 2.28 0.00	45.53 2.40 0.00	40.82 2.10 0.00	35.41 1.79 0.00	31.44 1.23 -6.76
SHOREHAM_IC_1 23715	38.85 3.81 -2.48	41.17 3.78 -4.23	38.73 3.47 -4.51	31.87 2.67 -5.81	37.58 2.45 -13.19	23.09 1.57 -6.52	32.31 2.15 -11.71	33.07 1.88 -15.38	40.00 3.66 -4.10	82.43 4.22 -42.54	50.67 3.58 -15.79	44.60 3.63 -8.06	34.64 3.25 -0.02	41.52 3.44 -4.00	35.64 3.21 0.00	36.48 3.43 0.00	41.83 3.89 -0.83	51.39 4.70 -4.33	52.81 5.06 -0.09	49.10 4.42 -1.92	47.28 4.15 0.00	42.38 3.66 0.00	42.86 3.46 -5.79	32.82 2.25 -7.11
SHOREHAM_IC_2 23716	38.85 3.81 -2.48	41.17 3.78 -4.23	38.73 3.47 -4.51	31.87 2.67 -5.81	37.58 2.45 -13.19	23.09 1.57 -6.52	32.31 2.15 -11.71	33.07 1.88 -15.38	40.00 3.66 -4.10	82.43 4.22 -42.54	50.67 3.58 -15.79	44.60 3.63 -8.06	34.64 3.25 -0.02	41.52 3.44 -4.00	35.64 3.21 0.00	36.48 3.43 0.00	41.83 3.89 -0.83	51.39 4.70 -4.33	52.81 5.06 -0.09	49.10 4.42 -1.92	47.28 4.15 0.00	42.38 3.66 0.00	42.86 3.46 -5.79	32.82 2.25 -7.11
SISSONVILLE____ 23735	32.12 -0.46 -0.02	32.65 -0.51 0.00	30.30 -0.46 0.00	23.01 -0.37 0.00	21.57 -0.37 0.00	14.83 -0.27 -0.11	18.26 -0.37 -0.19	15.71 -0.35 -0.25	31.61 -0.63 0.00	34.97 -0.70 0.00	30.54 -0.76 0.00	32.01 -0.91 0.00	30.65 -0.73 0.00	33.25 -0.83 0.00	31.63 -0.80 0.00	32.30 -0.76 0.00	36.07 -1.04 0.00	41.40 -0.97 0.00	46.69 -0.97 0.00	42.06 -0.70 0.00	42.45 -0.67 0.00	38.32 -0.40 0.00	33.23 -0.38 0.00	23.20 -0.37 -0.11
SITHE_IND_GS1 24169	31.74 -0.89 -0.07	32.28 -0.87 0.00	29.93 -0.82 0.00	22.75 -0.63 0.00	21.36 -0.58 0.00	15.04 -0.40 -0.45	18.75 -0.50 -0.80	16.43 -0.42 -1.03	31.36 -0.87 0.00	34.72 -0.95 0.00	30.45 -0.84 0.00	32.03 -0.89 0.00	30.53 -0.84 0.00	33.14 -0.94 0.00	31.53 -0.90 0.00	32.11 -0.94 0.00	36.04 -1.07 0.00	41.12 -1.25 0.00	46.23 -1.43 0.00	41.48 -1.28 0.00	41.89 -1.24 0.00	37.61 -1.12 0.00	32.67 -0.94 0.00	23.31 -0.62 -0.47

SITHE_IND_GS2 24170	31.74 -0.89 -0.07	32.28 -0.87 0.00	29.93 -0.82 0.00	22.75 -0.63 0.00	21.36 -0.58 0.00	15.04 -0.40 -0.45	18.75 -0.50 -0.80	16.43 -0.42 -1.03	31.36 -0.87 0.00	34.72 -0.95 0.00	30.45 -0.84 0.00	32.03 -0.89 0.00	30.53 -0.84 0.00	33.14 -0.94 0.00	31.53 -0.90 0.00	32.11 -0.94 0.00	36.04 -1.07 0.00	41.12 -1.25 0.00	46.23 -1.43 0.00	41.48 -1.28 0.00	41.89 -1.24 0.00	37.61 -1.12 0.00	32.67 -0.94 0.00	23.31 -0.62 -0.47
SITHE_IND_GS3 24171	31.74 -0.89 -0.07	32.28 -0.87 0.00	29.93 -0.82 0.00	22.75 -0.63 0.00	21.36 -0.58 0.00	15.04 -0.40 -0.45	18.75 -0.50 -0.80	16.43 -0.42 -1.03	31.36 -0.87 0.00	34.72 -0.95 0.00	30.45 -0.84 0.00	32.03 -0.89 0.00	30.53 -0.84 0.00	33.14 -0.94 0.00	31.53 -0.90 0.00	32.11 -0.94 0.00	36.04 -1.07 0.00	41.12 -1.25 0.00	46.23 -1.43 0.00	41.48 -1.28 0.00	41.89 -1.24 0.00	37.61 -1.12 0.00	32.67 -0.94 0.00	23.31 -0.62 -0.47
SITHE_IND_GS4 24172	31.74 -0.89 -0.07	32.28 -0.87 0.00	29.93 -0.82 0.00	22.75 -0.63 0.00	21.36 -0.58 0.00	15.04 -0.40 -0.45	18.75 -0.50 -0.80	16.43 -0.42 -1.03	31.36 -0.87 0.00	34.72 -0.95 0.00	30.45 -0.84 0.00	32.03 -0.89 0.00	30.53 -0.84 0.00	33.14 -0.94 0.00	31.53 -0.90 0.00	32.11 -0.94 0.00	36.04 -1.07 0.00	41.12 -1.25 0.00	46.23 -1.43 0.00	41.48 -1.28 0.00	41.89 -1.24 0.00	37.61 -1.12 0.00	32.67 -0.94 0.00	23.31 -0.62 -0.47
SITHE___BATAVIA 24024	25.05 -1.80 5.70	25.86 -1.38 5.92	24.36 -1.35 5.04	15.44 -1.04 6.89	14.17 -0.90 6.87	8.95 -0.69 5.36	12.52 -0.86 5.07	10.66 -0.76 4.40	22.73 -1.61 7.90	25.65 -1.77 8.25	23.20 -1.66 6.44	25.70 -1.77 5.45	29.20 -1.80 0.38	30.93 -1.88 1.28	23.43 -1.85 7.15	24.86 -1.68 6.52	26.51 -1.91 8.69	30.33 -2.31 9.72	33.20 -2.92 11.54	30.22 -2.40 10.14	31.81 -2.07 9.24	28.33 -1.62 8.77	24.41 -1.16 8.04	16.42 -0.87 6.16
SITHE___INDEPEND 23800	31.73 -0.89 -0.07	32.28 -0.87 0.00	29.93 -0.82 0.00	22.75 -0.63 0.00	21.36 -0.58 0.00	15.04 -0.40 -0.45	18.75 -0.50 -0.80	16.43 -0.42 -1.03	31.35 -0.88 0.00	34.71 -0.97 0.00	30.45 -0.85 0.00	32.03 -0.89 0.00	30.53 -0.84 0.00	33.14 -0.94 0.00	31.53 -0.91 0.00	32.11 -0.95 0.00	36.04 -1.07 0.00	41.12 -1.25 0.00	46.22 -1.44 0.00	41.46 -1.30 0.00	41.89 -1.24 0.00	37.60 -1.12 0.00	32.66 -0.95 0.00	23.30 -0.62 -0.47
SITHE___MASSENA 23902	32.40 -0.16 0.00	32.99 -0.16 0.00	30.63 -0.12 0.00	23.27 -0.11 0.00	21.82 -0.12 0.00	14.90 -0.09 0.00	18.29 -0.14 0.00	15.67 -0.14 0.00	32.04 -0.21 0.00	35.42 -0.25 0.00	31.00 -0.30 0.00	32.56 -0.36 0.00	31.12 -0.26 0.00	33.82 -0.26 0.00	32.17 -0.26 0.00	32.84 -0.22 0.00	36.80 -0.31 0.00	42.14 -0.22 0.00	47.41 -0.25 0.00	42.66 -0.10 0.00	43.04 -0.08 0.00	38.74 0.02 0.00	33.62 0.00 0.00	23.39 -0.06 0.00
SITHE___OGDNSBRG 24021	32.72 0.17 0.00	33.28 0.13 0.00	30.89 0.14 0.00	23.47 0.09 0.00	22.01 0.07 0.00	15.03 0.04 0.00	18.42 -0.02 0.00	15.71 -0.11 0.00	32.05 -0.19 0.00	35.40 -0.27 0.00	30.88 -0.41 0.00	32.40 -0.52 0.00	31.01 -0.36 0.00	33.74 -0.34 0.00	32.09 -0.34 0.00	32.71 -0.34 0.00	36.64 -0.48 0.00	42.30 -0.07 0.00	47.77 0.11 0.00	43.05 0.29 0.00	43.52 0.39 0.00	39.21 0.49 0.00	34.00 0.38 0.00	23.61 0.16 0.00
SITHE___STERLING 23777	33.28 0.65 -0.07	33.82 0.67 0.00	31.32 0.57 0.00	23.79 0.41 0.00	22.34 0.40 0.00	15.68 0.25 -0.44	19.54 0.31 -0.78	17.07 0.25 -1.00	32.74 0.50 0.00	36.33 0.65 0.00	31.81 0.52 0.00	33.38 0.46 0.00	31.86 0.48 0.00	34.57 0.49 0.00	32.89 0.46 0.00	33.56 0.51 0.00	37.64 0.53 0.00	43.13 0.76 0.00	48.61 0.94 0.00	43.60 0.84 0.00	44.01 0.89 0.00	39.45 0.73 0.00	34.20 0.59 0.00	24.26 0.36 -0.46
SLEIGHT__34_KV_TB1 80719	31.17 -1.09 0.29	32.19 -0.96 0.00	29.83 -0.92 0.00	22.67 -0.71 0.00	21.28 -0.66 0.00	15.33 -0.47 -0.81	19.33 -0.57 -1.46	17.23 -0.46 -1.87	31.27 -0.97 0.00	34.61 -1.06 0.00	30.33 -0.96 0.00	31.89 -1.03 0.00	30.37 -1.00 0.00	33.03 -1.05 0.00	31.36 -1.07 0.00	32.00 -1.05 0.00	35.96 -1.16 0.00	41.05 -1.32 0.00	46.08 -1.59 0.00	41.37 -1.39 0.00	41.91 -1.22 0.00	37.69 -1.03 0.00	32.74 -0.87 0.00	23.69 -0.62 -0.85
SOUTH CAIRO___GT 23612	35.65 1.95 -1.14	35.03 1.88 0.00	32.50 1.75 0.00	24.73 1.35 0.00	23.21 1.26 0.00	23.06 0.86 -7.21	32.43 1.03 -12.96	33.66 0.86 -16.98	33.97 1.73 0.00	37.54 1.87 0.00	32.96 1.66 0.00	34.76 1.84 0.00	33.05 1.68 0.00	36.02 1.94 0.00	34.26 1.83 0.00	34.97 1.92 0.00	39.40 2.29 0.00	45.01 2.65 0.00	50.70 3.04 0.00	45.49 2.73 0.00	45.97 2.84 0.00	41.24 2.52 0.00	35.68 2.07 0.00	32.72 1.41 -7.85
SOUTH HAMPTN___IC 23720	39.21 4.18 -2.48	41.53 4.14 -4.23	39.06 3.79 -4.51	32.11 2.92 -5.81	37.81 2.68 -13.19	23.23 1.72 -6.52	32.48 2.33 -11.71	33.22 2.02 -15.38	40.33 3.99 -4.10	82.88 4.67 -42.54	51.08 3.99 -15.79	45.03 4.05 -8.06	35.03 3.64 -0.02	42.00 3.92 -4.00	36.10 3.66 0.00	37.00 3.95 0.00	42.41 4.47 -0.83	52.04 5.34 -4.33	53.52 5.77 -0.09	49.72 5.04 -1.92	47.85 4.73 0.00	42.80 4.08 0.00	43.16 3.75 -5.79	32.99 2.43 -7.11
SOUTHDOW__115KV_TB1 355954	22.40 -2.76 7.40	23.43 -2.18 7.54	22.24 -2.08 6.43	12.86 -1.74 8.79	11.62 -1.57 8.75	6.97 -1.19 6.83	10.56 -1.41 6.47	8.97 -1.23 5.62	19.55 -2.63 10.06	22.43 -2.73 10.52	20.51 -2.58 8.20	23.20 -2.77 6.94	28.15 -2.74 0.49	29.37 -3.09 1.63	20.17 -3.14 9.12	21.86 -2.89 8.31	22.58 -3.46 11.08	25.89 -4.09 12.38	28.20 -4.76 14.70	25.57 -4.26 12.92	27.54 -3.81 11.78	24.33 -3.22 11.17	20.82 -2.54 10.25	13.76 -1.84 7.85
SOUTHOLD_69_KV_BK 2 55809	39.62 4.58 -2.48	41.93 4.54 -4.23	39.42 4.16 -4.51	32.38 3.19 -5.81	38.06 2.92 -13.19	23.40 1.89 -6.52	32.67 2.51 -11.71	33.36 2.17 -15.38	40.68 4.34 -4.10	83.37 5.16 -42.54	51.46 4.38 -15.79	45.40 4.42 -8.06	35.37 3.97 -0.02	42.45 4.37 -4.00	36.53 4.10 0.00	37.49 4.43 0.00	42.98 5.04 -0.83	52.68 5.99 -4.33	54.31 6.56 -0.09	50.38 5.70 -1.92	48.37 5.24 0.00	43.14 4.42 0.00	43.38 3.97 -5.79	33.11 2.55 -7.11
SOUTHOLD___IC 23719	39.61 4.58 -2.48	41.91 4.52 -4.23	39.42 4.15 -4.51	32.38 3.19 -5.81	38.06 2.92 -13.19	23.40 1.89 -6.52	32.67 2.51 -11.71	33.36 2.17 -15.38	40.67 4.33 -4.10	83.36 5.14 -42.54	51.46 4.38 -15.79	45.40 4.42 -8.06	35.37 3.97 -0.02	42.44 4.35 -4.00	36.52 4.09 0.00	37.48 4.43 0.00	42.98 5.03 -0.83	52.68 5.98 -4.33	54.25 6.50 -0.09	50.36 5.69 -1.92	48.36 5.23 0.00	43.13 4.41 0.00	43.37 3.96 -5.79	33.11 2.55 -7.11
SOUTH_FORK_WT_PWR 323839	39.70 4.67 -2.48	42.00 4.62 -4.23	39.49 4.23 -4.51	32.44 3.25 -5.81	38.11 2.98 -13.19	23.43 1.92 -6.52	32.69 2.53 -11.71	33.37 2.17 -15.38	40.67 4.33 -4.10	83.41 5.20 -42.54	51.47 4.38 -15.79	45.38 4.40 -8.06	35.33 3.93 -0.02	42.47 4.39 -4.00	36.57 4.13 0.00	37.54 4.49 0.00	43.04 5.10 -0.83	52.78 6.08 -4.33	54.33 6.58 -0.09	50.43 5.76 -1.92	48.33 5.20 0.00	43.02 4.30 0.00	43.24 3.83 -5.79	33.01 2.45 -7.11

SPIERFLS_115KV_TB 1 80737	36.02 2.24 -1.22	35.34 2.19 0.00	32.81 2.06 0.00	24.99 1.60 0.00	23.39 1.45 0.00	23.69 1.04 -7.67	33.56 1.31 -13.81	34.95 1.07 -18.06	34.27 2.03 0.00	37.68 2.00 0.00	32.86 1.57 0.00	34.70 1.78 0.00	32.89 1.51 0.00	35.66 1.59 0.00	33.87 1.44 0.00	34.64 1.59 0.00	39.34 2.22 0.00	44.94 2.58 0.00	50.93 3.26 0.00	45.74 2.98 0.00	46.22 3.09 0.00	41.42 2.70 0.00	35.91 2.30 0.00	33.33 1.53 -8.35
ST LAWRENCE____ 23600	32.19 -0.37 0.00	32.78 -0.37 0.00	30.44 -0.32 0.00	23.13 -0.25 0.00	21.69 -0.25 0.00	14.81 -0.19 0.00	18.19 -0.25 0.00	15.59 -0.23 0.00	31.87 -0.37 0.00	35.24 -0.43 0.00	30.86 -0.44 0.00	32.45 -0.48 0.00	30.97 -0.41 0.00	33.68 -0.40 0.00	32.04 -0.39 0.00	32.69 -0.36 0.00	36.67 -0.45 0.00	41.93 -0.44 0.00	47.16 -0.50 0.00	42.40 -0.36 0.00	42.77 -0.36 0.00	38.46 -0.26 0.00	33.37 -0.24 0.00	23.23 -0.22 0.00
STATE_CA_115KV_115_LB 55624	34.91 1.16 -1.19	34.27 1.12 0.00	31.81 1.05 0.00	24.22 0.84 0.00	22.71 0.77 0.00	23.04 0.53 -7.51	32.58 0.62 -13.52	34.01 0.51 -17.68	33.15 0.91 0.00	36.65 0.98 0.00	32.23 0.93 0.00	33.93 1.01 0.00	32.27 0.90 0.00	35.10 1.02 0.00	33.40 0.97 0.00	34.02 0.97 0.00	38.32 1.21 0.00	43.65 1.29 0.00	49.13 1.46 0.00	44.07 1.31 0.00	44.47 1.35 0.00	39.95 1.23 0.00	34.63 1.02 0.00	32.40 0.78 -8.17
STATE_ST_34_KV_LOAD 55959	32.31 -0.08 0.17	33.16 0.00 0.00	30.75 -0.01 0.00	23.37 -0.01 0.00	21.87 -0.07 0.00	15.82 -0.07 -0.90	19.97 -0.09 -1.62	17.88 0.01 -2.06	32.23 -0.01 0.00	35.68 0.01 0.00	31.27 -0.02 0.00	32.89 -0.03 0.00	31.24 -0.14 0.00	33.99 -0.09 0.00	32.36 -0.07 0.00	32.89 -0.17 0.00	37.04 -0.07 0.00	42.31 -0.05 0.00	47.61 -0.05 0.00	42.56 -0.20 0.00	43.01 -0.12 0.00	38.71 -0.01 0.00	33.52 -0.09 0.00	24.31 -0.08 -0.94
STATION 5_MISC_HYD 23604	30.92 -1.25 0.39	32.11 -1.04 0.00	29.76 -0.99 0.00	22.60 -0.78 0.00	21.25 -0.69 0.00	15.31 -0.51 -0.83	19.29 -0.63 -1.48	17.18 -0.53 -1.90	31.14 -1.10 0.00	34.50 -1.17 0.00	30.22 -1.08 0.00	31.75 -1.17 0.00	30.26 -1.12 0.00	32.88 -1.20 0.00	31.19 -1.24 0.00	31.92 -1.14 0.00	35.81 -1.31 0.00	40.84 -1.53 0.00	45.77 -1.89 0.00	41.15 -1.61 0.00	41.74 -1.38 0.00	37.58 -1.15 0.00	32.73 -0.89 0.00	23.67 -0.65 -0.87
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.23 -0.97 0.36	32.33 -0.82 0.00	29.97 -0.78 0.00	22.76 -0.62 0.00	21.39 -0.55 0.00	15.42 -0.41 -0.83	19.44 -0.50 -1.50	17.33 -0.40 -1.92	31.40 -0.84 0.00	34.78 -0.89 0.00	30.48 -0.82 0.00	32.05 -0.87 0.00	30.58 -0.80 0.00	33.22 -0.86 0.00	31.52 -0.91 0.00	32.19 -0.87 0.00	36.11 -1.00 0.00	41.21 -1.15 0.00	46.29 -1.38 0.00	41.57 -1.20 0.00	42.13 -0.99 0.00	37.86 -0.86 0.00	32.92 -0.70 0.00	23.81 -0.51 -0.88
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.79 -1.40 0.37	31.93 -1.22 0.00	29.61 -1.14 0.00	22.49 -0.89 0.00	21.14 -0.80 0.00	15.23 -0.58 -0.82	19.20 -0.71 -1.47	17.09 -0.60 -1.88	30.96 -1.28 0.00	34.30 -1.37 0.00	30.06 -1.24 0.00	31.58 -1.34 0.00	30.13 -1.26 0.00	32.72 -1.36 0.00	31.03 -1.41 0.00	31.71 -1.34 0.00	35.56 -1.55 0.00	40.57 -1.80 0.00	45.47 -2.19 0.00	40.87 -1.89 0.00	41.48 -1.65 0.00	37.32 -1.40 0.00	32.50 -1.12 0.00	23.52 -0.79 -0.86
STA_56____34_KV_BUS2 355983	30.79 -1.40 0.37	31.93 -1.22 0.00	29.61 -1.14 0.00	22.49 -0.89 0.00	21.14 -0.80 0.00	15.23 -0.58 -0.82	19.20 -0.71 -1.47	17.09 -0.60 -1.88	30.96 -1.28 0.00	34.30 -1.37 0.00	30.06 -1.24 0.00	31.58 -1.34 0.00	30.13 -1.26 0.00	32.72 -1.36 0.00	31.03 -1.41 0.00	31.71 -1.34 0.00	35.56 -1.55 0.00	40.57 -1.80 0.00	45.47 -2.19 0.00	40.87 -1.89 0.00	41.48 -1.65 0.00	37.32 -1.40 0.00	32.50 -1.12 0.00	23.52 -0.79 -0.86
STA_67____115KV_BK2 355882	30.86 -1.31 0.39	32.04 -1.12 0.00	29.71 -1.05 0.00	22.57 -0.81 0.00	21.22 -0.73 0.00	15.29 -0.53 -0.83	19.27 -0.66 -1.49	17.16 -0.56 -1.90	31.05 -1.19 0.00	34.40 -1.27 0.00	30.13 -1.17 0.00	31.67 -1.25 0.00	30.21 -1.17 0.00	32.81 -1.27 0.00	31.11 -1.33 0.00	31.80 -1.25 0.00	35.66 -1.45 0.00	40.68 -1.69 0.00	45.59 -2.08 0.00	40.98 -1.78 0.00	41.62 -1.51 0.00	37.46 -1.27 0.00	32.64 -0.97 0.00	23.63 -0.69 -0.87
STA_7____115KV_9TRANS 80674	31.02 -1.16 0.38	32.19 -0.96 0.00	29.84 -0.92 0.00	22.66 -0.72 0.00	21.31 -0.64 0.00	15.34 -0.47 -0.82	19.34 -0.58 -1.48	17.22 -0.49 -1.89	31.19 -1.05 0.00	34.57 -1.10 0.00	30.30 -1.00 0.00	31.85 -1.07 0.00	30.37 -1.00 0.00	33.01 -1.07 0.00	31.29 -1.14 0.00	31.99 -1.06 0.00	35.88 -1.23 0.00	40.93 -1.44 0.00	45.88 -1.78 0.00	41.24 -1.51 0.00	41.88 -1.25 0.00	37.68 -1.04 0.00	32.83 -0.78 0.00	23.75 -0.57 -0.87
STA_82____115KV_TB1 80780	30.81 -1.36 0.39	31.99 -1.16 0.00	29.67 -1.09 0.00	22.53 -0.85 0.00	21.19 -0.76 0.00	15.26 -0.56 -0.83	19.25 -0.68 -1.49	17.14 -0.58 -1.90	31.00 -1.24 0.00	34.33 -1.34 0.00	30.08 -1.22 0.00	31.61 -1.31 0.00	30.15 -1.23 0.00	32.75 -1.33 0.00	31.05 -1.38 0.00	31.74 -1.31 0.00	35.59 -1.52 0.00	40.60 -1.77 0.00	45.50 -2.17 0.00	40.91 -1.85 0.00	41.54 -1.59 0.00	37.39 -1.33 0.00	32.58 -1.03 0.00	23.59 -0.73 -0.87
STEEL____WIND 323596	18.51 -2.84 11.20	18.86 -2.32 11.97	18.29 -2.26 10.21	7.67 -1.75 13.96	6.46 -1.58 13.91	2.17 -1.18 11.65	5.25 -1.48 11.70	3.75 -1.31 10.75	13.48 -2.76 16.00	15.96 -2.99 16.72	15.50 -2.76 13.04	18.89 -3.00 11.03	27.63 -2.97 0.77	28.31 -3.19 2.58	14.76 -3.18 14.49	16.85 -2.99 13.21	16.01 -3.50 17.61	18.55 -4.12 19.69	19.38 -4.91 23.37	17.94 -4.28 20.54	20.47 -3.94 18.71	17.78 -3.19 17.75	14.89 -2.43 16.29	8.40 -1.73 13.32
STEPHTWN_115KV_BK_2 55603	34.98 1.25 -1.18	34.34 1.19 0.00	31.88 1.13 0.00	24.27 0.89 0.00	22.76 0.82 0.00	23.01 0.57 -7.45	32.50 0.67 -13.40	33.90 0.55 -17.53	33.27 1.03 0.00	36.79 1.12 0.00	32.34 1.04 0.00	34.05 1.13 0.00	32.38 1.00 0.00	35.22 1.15 0.00	33.52 1.09 0.00	34.15 1.09 0.00	38.48 1.37 0.00	43.84 1.48 0.00	49.34 1.67 0.00	44.27 1.51 0.00	44.66 1.54 0.00	40.12 1.40 0.00	34.77 1.16 0.00	32.40 0.85 -8.10
STEBEN_REC_LFGE 323667	47.18 -1.96 -16.58	52.19 -1.80 -20.83	46.57 -1.95 -17.76	46.04 -1.64 -24.29	44.51 -1.63 -24.20	37.51 -1.21 -23.73	43.56 -1.46 -26.58	41.21 -1.29 -26.68	57.52 -2.59 -27.87	62.04 -2.77 -29.13	51.53 -2.49 -22.72	49.49 -2.66 -19.23	30.23 -2.50 -1.35	35.80 -2.78 -4.50	54.90 -2.78 -25.25	53.48 -2.59 -23.02	64.73 -3.06 -30.68	73.30 -3.38 -34.31	84.62 -3.77 -40.72	75.28 -3.27 -35.79	72.59 -3.15 -32.62	66.76 -2.90 -30.94	59.45 -2.55 -28.39	48.44 -1.86 -26.85
STILLWATER____SOLAR 323814	35.57 1.81 -1.21	34.91 1.76 0.00	32.39 1.64 0.00	24.65 1.27 0.00	23.11 1.16 0.00	23.46 0.83 -7.64	33.23 1.02 -13.76	34.66 0.84 -18.00	33.80 1.56 0.00	37.28 1.61 0.00	32.67 1.37 0.00	34.43 1.51 0.00	32.71 1.34 0.00	35.54 1.46 0.00	33.80 1.37 0.00	34.49 1.44 0.00	38.98 1.86 0.00	44.52 2.16 0.00	50.23 2.57 0.00	45.10 2.34 0.00	45.56 2.43 0.00	40.85 2.13 0.00	35.42 1.81 0.00	33.01 1.24 -8.32

STONY___BROOK 24151	38.56 3.52 -2.48	40.87 3.49 -4.23	38.47 3.21 -4.51	31.66 2.47 -5.81	37.40 2.28 -13.19	23.00 1.48 -6.52	32.20 2.04 -11.71	32.98 1.79 -15.38	39.80 3.46 -4.10	82.19 3.98 -42.54	50.61 3.53 -15.79	44.60 3.63 -8.06	34.74 3.35 -0.02	41.61 3.53 -4.00	35.77 3.34 0.00	36.56 3.50 0.00	41.89 3.94 -0.83	51.27 4.58 -4.33	52.68 4.93 -0.09	48.96 4.29 -1.92	47.34 4.22 0.00	42.49 3.77 0.00	42.88 3.47 -5.79	32.83 2.26 -7.11
STURGEON_POOL_HYD 23609	35.46 1.86 -1.05	34.91 1.76 0.00	32.33 1.58 0.00	24.61 1.23 0.00	23.14 1.20 0.00	22.44 0.85 -6.60	31.44 1.13 -11.87	32.44 1.01 -15.62	34.16 1.93 0.00	37.87 2.19 0.00	33.41 2.11 0.00	35.16 2.24 0.00	33.51 2.14 0.00	36.36 2.28 0.00	34.61 2.18 0.00	35.24 2.19 0.00	39.60 2.49 0.00	45.18 2.81 0.00	50.82 3.15 0.00	45.38 2.63 0.00	45.84 2.71 0.00	41.09 2.37 0.00	35.62 2.01 0.00	32.05 1.37 -7.24
ST_LAW_115_BK7_LBMP 345037	32.15 -0.40 0.00	32.74 -0.41 0.00	30.41 -0.35 0.00	23.11 -0.27 0.00	21.66 -0.28 0.00	14.79 -0.20 0.00	18.17 -0.28 0.00	15.57 -0.25 0.00	31.83 -0.41 0.00	35.20 -0.47 0.00	30.82 -0.47 0.00	32.40 -0.52 0.00	30.94 -0.44 0.00	33.63 -0.45 0.00	32.00 -0.43 0.00	32.66 -0.40 0.00	36.61 -0.50 0.00	41.89 -0.48 0.00	47.12 -0.55 0.00	42.35 -0.41 0.00	42.74 -0.39 0.00	38.43 -0.29 0.00	33.34 -0.27 0.00	23.22 -0.23 0.00
ST_LAW_115_BK8_LBMP 345038	32.15 -0.40 0.00	32.74 -0.41 0.00	30.41 -0.35 0.00	23.11 -0.27 0.00	21.66 -0.28 0.00	14.79 -0.20 0.00	18.17 -0.28 0.00	15.57 -0.25 0.00	31.83 -0.41 0.00	35.20 -0.47 0.00	30.82 -0.47 0.00	32.40 -0.52 0.00	30.94 -0.44 0.00	33.63 -0.45 0.00	32.00 -0.43 0.00	32.66 -0.40 0.00	36.61 -0.50 0.00	41.89 -0.48 0.00	47.12 -0.55 0.00	42.35 -0.41 0.00	42.74 -0.39 0.00	38.43 -0.29 0.00	33.34 -0.27 0.00	23.22 -0.23 0.00
ST_LAW_230_BK5_LBMP 345035	32.19 -0.37 0.00	32.78 -0.37 0.00	30.44 -0.32 0.00	23.13 -0.25 0.00	21.69 -0.25 0.00	14.81 -0.19 0.00	18.19 -0.25 0.00	15.59 -0.23 0.00	31.87 -0.37 0.00	35.24 -0.43 0.00	30.86 -0.44 0.00	32.45 -0.48 0.00	30.97 -0.41 0.00	33.68 -0.40 0.00	32.04 -0.39 0.00	32.69 -0.36 0.00	36.67 -0.45 0.00	41.93 -0.44 0.00	47.16 -0.50 0.00	42.40 -0.36 0.00	42.77 -0.36 0.00	38.46 -0.26 0.00	33.37 -0.24 0.00	23.23 -0.22 0.00
ST_LAW_230_BK6_LBMP 345036	32.19 -0.37 0.00	32.78 -0.37 0.00	30.44 -0.32 0.00	23.13 -0.25 0.00	21.69 -0.25 0.00	14.81 -0.19 0.00	18.19 -0.25 0.00	15.59 -0.23 0.00	31.87 -0.37 0.00	35.24 -0.43 0.00	30.86 -0.44 0.00	32.45 -0.48 0.00	30.97 -0.41 0.00	33.68 -0.40 0.00	32.04 -0.39 0.00	32.69 -0.36 0.00	36.67 -0.45 0.00	41.93 -0.44 0.00	47.16 -0.50 0.00	42.40 -0.36 0.00	42.77 -0.36 0.00	38.46 -0.26 0.00	33.37 -0.24 0.00	23.23 -0.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.41 1.86 -1.00	34.91 1.75 0.00	32.31 1.56 0.00	24.60 1.22 0.00	23.14 1.20 0.00	22.13 0.86 -6.28	30.84 1.11 -11.29	31.65 1.00 -14.83	34.12 1.88 0.00	37.82 2.15 0.00	33.34 2.05 0.00	35.09 2.17 0.00	33.45 2.07 0.00	36.26 2.18 0.00	34.54 2.11 0.00	35.21 2.16 0.00	39.55 2.44 0.00	45.11 2.74 0.00	50.71 3.05 0.00	45.23 2.47 0.00	45.72 2.59 0.00	40.98 2.26 0.00	35.54 1.93 0.00	31.65 1.33 -6.87
SWANROAD_115KV_TB1 355699	20.78 -3.31 8.47	21.38 -2.81 8.97	20.48 -2.63 7.64	10.94 -1.99 10.45	9.73 -1.79 10.41	5.16 -1.31 8.53	8.40 -1.63 8.41	6.78 -1.44 7.60	17.12 -3.14 11.98	19.67 -3.48 12.52	18.36 -3.18 9.76	21.21 -3.45 8.26	27.35 -3.45 0.58	28.43 -3.71 1.93	17.95 -3.63 10.85	19.67 -3.49 9.89	19.86 -4.07 13.18	22.78 -4.85 14.74	24.28 -5.88 17.50	22.41 -4.97 15.38	24.54 -4.57 14.01	21.76 -3.66 13.29	18.68 -2.74 12.20	11.79 -1.89 9.77
SYNERGY___BIOGAS 323694	25.04 -1.81 5.70	25.80 -1.44 5.92	24.34 -1.37 5.04	15.43 -1.05 6.89	14.15 -0.92 6.87	8.94 -0.70 5.36	12.52 -0.85 5.07	10.66 -0.76 4.40	22.65 -1.69 7.90	25.56 -1.86 8.25	23.14 -1.72 6.44	25.66 -1.82 5.45	29.19 -1.80 0.38	30.90 -1.90 1.28	23.36 -1.92 7.15	24.77 -1.76 6.52	26.35 -2.07 8.69	30.18 -2.47 9.72	33.03 -3.09 11.54	30.07 -2.55 10.14	31.72 -2.17 9.24	28.24 -1.71 8.77	24.35 -1.22 8.04	16.41 -0.88 6.16
SYRACUSE___ENERGY_ST1 323597	32.42 -0.25 -0.11	32.96 -0.19 0.00	30.55 -0.20 0.00	23.21 -0.17 0.00	21.79 -0.15 0.00	15.61 -0.11 -0.72	19.60 -0.14 -1.30	17.38 -0.09 -1.66	32.02 -0.22 0.00	35.47 -0.20 0.00	31.10 -0.19 0.00	32.71 -0.21 0.00	31.19 -0.19 0.00	33.86 -0.22 0.00	32.21 -0.22 0.00	32.81 -0.24 0.00	36.85 -0.26 0.00	42.06 -0.30 0.00	47.31 -0.35 0.00	42.41 -0.35 0.00	42.85 -0.27 0.00	38.47 -0.25 0.00	33.38 -0.23 0.00	24.04 -0.17 -0.76
SYRACUSE___ENERGY_ST2 323598	32.42 -0.25 -0.11	32.96 -0.19 0.00	30.55 -0.20 0.00	23.21 -0.17 0.00	21.79 -0.15 0.00	15.61 -0.11 -0.72	19.60 -0.14 -1.30	17.38 -0.09 -1.66	32.02 -0.22 0.00	35.47 -0.20 0.00	31.10 -0.19 0.00	32.71 -0.21 0.00	31.19 -0.19 0.00	33.86 -0.22 0.00	32.21 -0.22 0.00	32.81 -0.24 0.00	36.85 -0.26 0.00	42.06 -0.30 0.00	47.31 -0.35 0.00	42.41 -0.35 0.00	42.85 -0.27 0.00	38.47 -0.25 0.00	33.38 -0.23 0.00	24.04 -0.17 -0.76
SYRACUSE___POWER 24017	32.43 -0.24 -0.12	32.97 -0.18 0.00	30.55 -0.20 0.00	23.21 -0.17 0.00	21.80 -0.14 0.00	15.65 -0.11 -0.76	19.68 -0.12 -1.36	17.46 -0.09 -1.74	32.02 -0.22 0.00	35.47 -0.20 0.00	31.11 -0.19 0.00	32.72 -0.20 0.00	31.20 -0.18 0.00	33.86 -0.21 0.00	32.21 -0.22 0.00	32.84 -0.22 0.00	36.85 -0.26 0.00	42.06 -0.30 0.00	47.33 -0.34 0.00	42.43 -0.33 0.00	42.89 -0.24 0.00	38.49 -0.23 0.00	33.41 -0.20 0.00	24.10 -0.14 -0.80
TALLMAN__138KV_BK151 55660	35.63 2.06 -1.01	35.10 1.95 0.00	32.49 1.74 0.00	24.74 1.36 0.00	23.28 1.34 0.00	22.32 0.95 -6.38	31.15 1.24 -11.47	31.99 1.12 -15.06	34.33 2.09 0.00	38.08 2.41 0.00	33.58 2.29 0.00	35.33 2.41 0.00	33.68 2.30 0.00	36.51 2.43 0.00	34.78 2.35 0.00	35.46 2.41 0.00	39.82 2.70 0.00	45.41 3.05 0.00	51.04 3.37 0.00	45.49 2.73 0.00	45.99 2.86 0.00	41.21 2.49 0.00	35.73 2.12 0.00	31.89 1.47 -6.97
TEALLAVE_115KV_TB7 355573	32.25 -0.41 -0.10	32.79 -0.36 0.00	30.39 -0.37 0.00	23.09 -0.29 0.00	21.68 -0.26 0.00	15.44 -0.19 -0.63	19.35 -0.23 -1.14	17.10 -0.18 -1.46	31.84 -0.39 0.00	35.28 -0.40 0.00	30.94 -0.36 0.00	32.54 -0.38 0.00	31.03 -0.35 0.00	33.68 -0.40 0.00	32.02 -0.41 0.00	32.64 -0.41 0.00	36.63 -0.48 0.00	41.81 -0.56 0.00	47.03 -0.64 0.00	42.17 -0.59 0.00	42.63 -0.50 0.00	38.25 -0.47 0.00	33.22 -0.40 0.00	23.84 -0.27 -0.67
TELGRAPH_34_KV_EAST 80808	22.97 -2.53 7.05	23.66 -2.08 7.41	22.47 -1.97 6.32	13.24 -1.50 8.64	11.99 -1.35 8.61	7.09 -0.99 6.91	10.50 -1.22 6.71	8.76 -1.08 5.97	19.96 -2.39 9.90	22.70 -2.63 10.34	20.83 -2.40 8.07	23.50 -2.60 6.83	28.31 -2.59 0.48	29.70 -2.78 1.60	20.71 -2.76 8.96	22.27 -2.62 8.17	23.17 -3.05 10.89	26.56 -3.62 12.18	28.78 -4.43 14.46	26.33 -3.72 12.71	28.22 -3.33 11.58	25.07 -2.67 10.98	21.56 -1.97 10.08	14.14 -1.38 7.93

TEMPLE___115KV_TB 2 55572	32.25 -0.40 -0.10	32.79 -0.36 0.00	30.40 -0.36 0.00	23.10 -0.28 0.00	21.69 -0.25 0.00	15.45 -0.18 -0.64	19.38 -0.22 -1.16	17.12 -0.17 -1.48	31.86 -0.38 0.00	35.29 -0.38 0.00	30.95 -0.34 0.00	32.55 -0.37 0.00	31.04 -0.33 0.00	33.70 -0.38 0.00	32.04 -0.39 0.00	32.65 -0.40 0.00	36.66 -0.46 0.00	41.84 -0.53 0.00	47.05 -0.62 0.00	42.20 -0.56 0.00	42.64 -0.49 0.00	38.27 -0.45 0.00	33.23 -0.38 0.00	23.87 -0.26 -0.68
TIANA___69_KV_BK 1 55817	39.09 4.05 -2.48	41.40 4.02 -4.23	38.94 3.68 -4.51	32.02 2.83 -5.81	37.73 2.60 -13.19	23.19 1.68 -6.52	32.42 2.27 -11.71	33.17 1.98 -15.38	40.23 3.89 -4.10	82.75 4.54 -42.54	50.98 3.89 -15.79	44.93 3.95 -8.06	34.94 3.55 -0.02	41.89 3.81 -4.00	35.99 3.56 0.00	36.87 3.81 0.00	42.27 4.33 -0.83	51.85 5.15 -4.33	53.39 5.64 -0.09	49.56 4.89 -1.92	47.71 4.59 0.00	42.73 4.01 0.00	43.11 3.70 -5.79	32.96 2.40 -7.11
TILDEN___115KV_TB1 80814	32.43 -0.24 -0.12	32.97 -0.18 0.00	30.55 -0.20 0.00	23.21 -0.17 0.00	21.80 -0.14 0.00	15.65 -0.11 -0.76	19.68 -0.12 -1.36	17.46 -0.09 -1.74	32.02 -0.22 0.00	35.47 -0.20 0.00	31.11 -0.19 0.00	32.72 -0.20 0.00	31.20 -0.18 0.00	33.86 -0.21 0.00	32.21 -0.22 0.00	32.84 -0.22 0.00	36.85 -0.26 0.00	42.06 -0.30 0.00	47.33 -0.34 0.00	42.43 -0.33 0.00	42.89 -0.24 0.00	38.49 -0.23 0.00	33.41 -0.20 0.00	24.10 -0.14 -0.80
TRIGEN___CC 323695	37.67 2.63 -2.48	39.96 2.57 -4.23	37.60 2.34 -4.51	31.01 1.82 -5.81	36.87 1.74 -13.19	22.68 1.17 -6.52	31.75 1.60 -11.71	32.60 1.41 -15.38	39.06 2.72 -4.10	81.28 3.07 -42.54	49.93 2.85 -15.79	43.95 2.97 -8.06	34.21 2.82 -0.02	41.08 3.00 -4.00	35.30 2.86 0.00	35.98 2.93 0.00	41.23 3.29 -0.83	50.39 3.70 -4.33	51.82 4.07 -0.09	48.08 3.41 -1.92	46.54 3.42 0.00	41.79 3.07 0.00	42.17 2.77 -5.79	32.41 1.85 -7.11
TRINITY___115KV___ 4 BK 55933	34.81 1.07 -1.18	34.16 1.01 0.00	31.71 0.96 0.00	24.15 0.77 0.00	22.65 0.70 0.00	22.94 0.49 -7.46	32.43 0.57 -13.42	33.83 0.46 -17.56	33.06 0.82 0.00	36.54 0.87 0.00	32.13 0.83 0.00	33.82 0.90 0.00	32.18 0.80 0.00	35.00 0.92 0.00	33.29 0.86 0.00	33.91 0.86 0.00	38.19 1.08 0.00	43.51 1.14 0.00	48.94 1.28 0.00	43.91 1.15 0.00	44.31 1.19 0.00	39.82 1.09 0.00	34.53 0.91 0.00	32.27 0.70 -8.11
UNION___PROCESSING_DRP 323587	30.81 -1.36 0.39	32.00 -1.16 0.00	29.67 -1.09 0.00	22.54 -0.85 0.00	21.19 -0.76 0.00	15.27 -0.55 -0.83	19.25 -0.68 -1.49	17.14 -0.58 -1.90	31.00 -1.24 0.00	34.34 -1.34 0.00	30.08 -1.21 0.00	31.62 -1.30 0.00	30.16 -1.23 0.00	32.75 -1.33 0.00	31.05 -1.38 0.00	31.75 -1.31 0.00	35.60 -1.51 0.00	40.60 -1.77 0.00	45.50 -2.16 0.00	40.91 -1.85 0.00	41.54 -1.58 0.00	37.40 -1.32 0.00	32.59 -1.03 0.00	23.59 -0.73 -0.87
UPPER HUDSON___HYD 24058	36.01 2.24 -1.22	35.34 2.19 0.00	32.81 2.06 0.00	24.99 1.60 0.00	23.39 1.45 0.00	23.70 1.04 -7.67	33.56 1.31 -13.81	34.95 1.07 -18.06	34.27 2.03 0.00	37.68 2.00 0.00	32.86 1.57 0.00	34.70 1.78 0.00	32.89 1.51 0.00	35.67 1.59 0.00	33.87 1.44 0.00	34.63 1.58 0.00	39.34 2.22 0.00	44.94 2.58 0.00	50.93 3.26 0.00	45.74 2.98 0.00	46.22 3.10 0.00	41.42 2.70 0.00	35.91 2.30 0.00	33.33 1.53 -8.35
UPPER RAQUET___HYD 24056	32.12 -0.46 -0.02	32.64 -0.51 0.00	30.30 -0.46 0.00	23.01 -0.37 0.00	21.57 -0.37 0.00	14.83 -0.27 -0.11	18.26 -0.37 -0.19	15.71 -0.35 -0.25	31.61 -0.63 0.00	34.97 -0.70 0.00	30.54 -0.76 0.00	32.01 -0.91 0.00	30.65 -0.73 0.00	33.25 -0.83 0.00	31.63 -0.80 0.00	32.29 -0.76 0.00	36.07 -1.05 0.00	41.39 -0.98 0.00	46.70 -0.97 0.00	42.06 -0.70 0.00	42.45 -0.68 0.00	38.32 -0.40 0.00	33.23 -0.39 0.00	23.19 -0.37 -0.11
VALLEY44___115KV_TB2 355964	23.59 -2.75 6.22	24.80 -2.18 6.17	23.30 -2.19 5.26	14.51 -1.68 7.19	13.25 -1.52 7.17	8.53 -1.12 5.34	12.22 -1.38 4.84	10.60 -1.20 4.02	21.40 -2.61 8.23	24.28 -2.78 8.61	21.97 -2.62 6.71	24.41 -2.83 5.68	28.08 -2.90 0.40	29.66 -3.09 1.33	21.82 -3.16 7.46	23.28 -2.98 6.80	24.54 -3.51 9.06	28.16 -4.07 10.14	30.79 -4.84 12.03	27.75 -4.43 10.57	29.51 -3.97 9.64	26.22 -3.36 9.14	22.56 -2.66 8.39	15.43 -1.86 6.16
VALLEY___115KV_TB 1-4 80826	33.97 1.42 0.00	34.47 1.32 0.00	31.92 1.17 0.00	24.27 0.89 0.00	22.68 0.74 0.00	15.49 0.50 0.00	19.06 0.61 0.00	16.20 0.39 0.00	32.88 0.64 0.00	36.39 0.72 0.00	31.95 0.65 0.00	33.51 0.59 0.00	31.83 0.45 0.00	34.60 0.52 0.00	33.08 0.65 0.00	33.68 0.62 0.00	38.03 0.92 0.00	43.31 0.95 0.00	48.93 1.27 0.00	43.91 1.16 0.00	44.42 1.30 0.00	39.67 0.96 0.00	34.54 0.93 0.00	24.04 0.59 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.68 1.29 -0.84	34.47 1.32 0.00	31.96 1.21 0.00	24.32 0.93 0.00	22.85 0.91 0.00	18.77 0.63 -3.14	24.87 0.78 -5.65	23.68 0.71 -7.16	33.66 1.42 0.00	37.33 1.66 0.00	32.79 1.49 0.00	34.50 1.58 0.00	32.92 1.54 0.00	35.77 1.69 0.00	34.06 1.62 0.00	34.73 1.68 0.00	39.10 1.99 0.00	44.68 2.31 0.00	50.33 2.67 0.00	44.99 2.23 0.00	45.43 2.30 0.00	40.72 2.00 0.00	35.27 1.66 0.00	27.80 1.09 -3.27
VISCHER___FERRY HYD 24020	35.19 1.44 -1.20	34.50 1.35 0.00	32.02 1.27 0.00	24.37 0.99 0.00	22.83 0.89 0.00	23.18 0.63 -7.55	32.82 0.77 -13.61	34.26 0.64 -17.81	33.40 1.17 0.00	36.90 1.22 0.00	32.39 1.09 0.00	34.12 1.20 0.00	32.45 1.07 0.00	35.28 1.20 0.00	33.56 1.13 0.00	34.19 1.14 0.00	38.56 1.45 0.00	44.02 1.65 0.00	49.57 1.91 0.00	44.47 1.71 0.00	44.91 1.79 0.00	40.28 1.56 0.00	34.95 1.34 0.00	32.64 0.96 -8.23
V_A_10_SYNC_DSASP 323832	23.69 -2.69 6.17	24.39 -2.30 6.46	23.11 -2.13 5.51	14.20 -1.64 7.54	12.96 -1.48 7.51	7.98 -1.07 5.94	11.41 -1.34 5.69	9.64 -1.17 5.01	21.05 -2.55 8.63	23.82 -2.83 9.02	21.66 -2.60 7.04	24.15 -2.82 5.96	28.26 -2.70 0.42	29.75 -2.94 1.40	21.62 -3.00 7.82	23.04 -2.89 7.13	24.26 -3.36 9.50	27.82 -3.92 10.62	30.34 -4.71 12.61	27.61 -4.06 11.08	29.36 -3.66 10.10	26.10 -3.04 9.58	22.48 -2.34 8.79	15.02 -1.61 6.82
V_CMM_10_SYNC_DSASP 323787	32.29 -0.27 0.00	32.88 -0.27 0.00	30.53 -0.22 0.00	23.20 -0.18 0.00	21.76 -0.18 0.00	14.86 -0.14 0.00	18.24 -0.19 0.00	15.63 -0.18 0.00	31.97 -0.28 0.00	35.34 -0.33 0.00	30.95 -0.35 0.00	32.53 -0.39 0.00	31.06 -0.32 0.00	33.77 -0.31 0.00	32.13 -0.30 0.00	32.79 -0.27 0.00	36.78 -0.33 0.00	42.07 -0.30 0.00	47.28 -0.38 0.00	42.53 -0.23 0.00	42.93 -0.20 0.00	38.59 -0.13 0.00	33.50 -0.12 0.00	23.31 -0.13 0.00
V_CMP_10_SYNC_DSASP 323788	33.08 0.52 0.00	33.70 0.55 0.00	31.32 0.56 0.00	23.80 0.42 0.00	22.23 0.29 0.00	15.19 0.19 0.00	18.68 0.24 0.00	15.95 0.14 0.00	32.49 0.25 0.00	35.87 0.20 0.00	31.38 0.09 0.00	32.80 -0.12 0.00	31.23 -0.15 0.00	34.03 -0.05 0.00	32.41 -0.02 0.00	33.09 0.04 0.00	37.13 0.02 0.00	42.44 0.07 0.00	47.85 0.18 0.00	43.03 0.27 0.00	43.44 0.31 0.00	39.08 0.36 0.00	33.93 0.32 0.00	23.51 0.06 0.00

V_D_10_SYNC_DSASP 323841	32.40 -0.16 0.00	33.00 -0.15 0.00	30.64 -0.12 0.00	23.28 -0.10 0.00	21.82 -0.12 0.00	14.90 -0.09 0.00	18.29 -0.14 0.00	15.67 -0.14 0.00	32.04 -0.20 0.00	35.43 -0.25 0.00	31.00 -0.29 0.00	32.58 -0.35 0.00	31.12 -0.26 0.00	33.83 -0.25 0.00	32.18 -0.25 0.00	32.85 -0.21 0.00	36.82 -0.29 0.00	42.15 -0.21 0.00	47.41 -0.25 0.00	42.66 -0.10 0.00	43.05 -0.08 0.00	38.74 0.02 0.00	33.62 0.00 0.00	23.40 -0.05 0.00
V_E_10_SYNC_DSASP 323830	36.21 1.65 -2.01	36.54 1.74 -1.65	33.70 1.54 -1.41	26.37 1.06 -1.92	24.78 0.92 -1.92	19.95 0.66 -4.30	25.66 0.77 -6.45	23.57 0.51 -7.24	35.63 1.02 -2.37	39.24 1.09 -2.47	33.97 0.74 -1.93	35.04 0.49 -1.63	31.79 0.30 -0.11	34.69 0.23 -0.38	34.94 0.36 -2.15	35.71 0.70 -1.96	39.99 0.27 -2.61	45.78 0.50 -2.91	52.22 1.10 -3.46	47.19 1.39 -3.04	46.96 1.07 -2.77	42.06 0.71 -2.63	36.51 0.49 -2.41	28.13 0.20 -4.48
V_F_30_NSYNC___DSASP 323816	35.58 1.81 -1.21	34.93 1.78 0.00	32.40 1.65 0.00	24.65 1.27 0.00	23.11 1.17 0.00	23.47 0.83 -7.65	33.25 1.03 -13.78	34.69 0.85 -18.03	33.82 1.58 0.00	37.32 1.64 0.00	32.70 1.41 0.00	34.46 1.54 0.00	32.74 1.37 0.00	35.57 1.50 0.00	33.84 1.41 0.00	34.53 1.48 0.00	39.00 1.88 0.00	44.55 2.18 0.00	50.26 2.60 0.00	45.11 2.35 0.00	45.58 2.45 0.00	40.85 2.13 0.00	35.43 1.81 0.00	33.03 1.25 -8.33
V_F_30_SYNC_DSASP 323786	34.90 1.16 -1.19	34.26 1.11 0.00	31.80 1.05 0.00	24.22 0.84 0.00	22.71 0.77 0.00	23.03 0.53 -7.51	32.57 0.62 -13.51	34.00 0.51 -17.67	33.15 0.91 0.00	36.65 0.98 0.00	32.22 0.92 0.00	33.93 1.01 0.00	32.27 0.90 0.00	35.10 1.02 0.00	33.39 0.96 0.00	34.02 0.97 0.00	38.32 1.21 0.00	43.65 1.28 0.00	49.11 1.45 0.00	44.07 1.31 0.00	44.47 1.35 0.00	39.95 1.23 0.00	34.63 1.02 0.00	32.39 0.77 -8.17
V_XM_10_SYNC_DSASP 323789	33.08 0.52 0.00	33.70 0.55 0.00	31.32 0.56 0.00	23.80 0.42 0.00	22.23 0.29 0.00	15.19 0.19 0.00	18.68 0.24 0.00	15.95 0.14 0.00	32.49 0.25 0.00	35.87 0.20 0.00	31.38 0.09 0.00	32.80 -0.12 0.00	31.23 -0.15 0.00	34.03 -0.05 0.00	32.41 -0.02 0.00	33.09 0.04 0.00	37.13 0.02 0.00	42.44 0.07 0.00	47.85 0.18 0.00	43.03 0.27 0.00	43.44 0.31 0.00	39.08 0.36 0.00	33.93 0.32 0.00	23.51 0.06 0.00
W.BABYLN_69_KV_BK1 56697	38.46 3.43 -2.48	40.78 3.39 -4.23	38.36 3.10 -4.51	31.59 2.39 -5.81	37.36 2.24 -13.19	23.00 1.49 -6.52	32.18 2.02 -11.71	32.98 1.78 -15.38	39.80 3.46 -4.10	82.16 3.95 -42.54	50.68 3.60 -15.79	44.72 3.74 -8.06	34.89 3.50 -0.02	41.78 3.70 -4.00	35.96 3.52 0.00	36.72 3.67 0.00	42.07 4.12 -0.83	51.38 4.68 -4.33	52.85 5.10 -0.09	49.05 4.38 -1.92	47.49 4.37 0.00	42.66 3.94 0.00	42.99 3.58 -5.79	32.92 2.35 -7.11
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.74 2.17 -1.02	35.21 2.06 0.00	32.59 1.84 0.00	24.81 1.43 0.00	23.35 1.41 0.00	22.40 0.99 -6.41	31.26 1.30 -11.52	32.11 1.17 -15.12	34.44 2.20 0.00	38.21 2.54 0.00	33.69 2.39 0.00	35.46 2.54 0.00	33.80 2.42 0.00	36.64 2.56 0.00	34.89 2.46 0.00	35.58 2.53 0.00	39.96 2.84 0.00	45.58 3.21 0.00	51.22 3.56 0.00	45.66 2.90 0.00	46.15 3.03 0.00	41.37 2.65 0.00	35.86 2.25 0.00	32.01 1.56 -7.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.79 2.20 -1.03	35.24 2.09 0.00	32.64 1.89 0.00	24.87 1.49 0.00	23.42 1.47 0.00	22.55 1.03 -6.52	31.52 1.37 -11.71	32.42 1.23 -15.38	34.57 2.33 0.00	38.30 2.63 0.00	33.79 2.49 0.00	35.53 2.61 0.00	33.89 2.51 0.00	36.73 2.65 0.00	34.97 2.54 0.00	35.64 2.59 0.00	40.01 2.90 0.00	45.63 3.26 0.00	51.27 3.60 0.00	45.71 2.95 0.00	46.19 3.07 0.00	41.40 2.68 0.00	35.90 2.28 0.00	32.15 1.58 -7.11
W50THST__13_KV_LOAD 356117	35.94 2.35 -1.03	35.40 2.25 0.00	32.79 2.03 0.00	24.98 1.60 0.00	23.53 1.58 0.00	22.62 1.11 -6.52	31.61 1.46 -11.71	32.50 1.31 -15.38	34.75 2.51 0.00	38.50 2.83 0.00	33.97 2.67 0.00	35.73 2.81 0.00	34.07 2.69 0.00	36.93 2.85 0.00	35.16 2.72 0.00	35.83 2.78 0.00	40.22 3.11 0.00	45.86 3.50 0.00	51.54 3.88 0.00	45.96 3.20 0.00	46.42 3.30 0.00	41.60 2.88 0.00	36.07 2.45 0.00	32.26 1.70 -7.11
WADING RIVER_IC_1 23522	38.85 3.81 -2.48	41.17 3.78 -4.23	38.73 3.46 -4.51	31.86 2.67 -5.81	37.58 2.45 -13.19	23.09 1.57 -6.52	32.31 2.15 -11.71	33.07 1.88 -15.38	40.00 3.66 -4.10	82.43 4.22 -42.54	50.66 3.57 -15.79	44.59 3.62 -8.06	34.62 3.23 -0.02	41.50 3.42 -4.00	35.62 3.18 0.00	36.48 3.42 0.00	41.82 3.87 -0.83	51.38 4.69 -4.33	52.81 5.05 -0.09	49.08 4.40 -1.92	47.24 4.12 0.00	42.35 3.63 0.00	42.86 3.45 -5.79	32.80 2.24 -7.11
WADING RIVER_IC_2 23547	38.85 3.81 -2.48	41.17 3.78 -4.23	38.73 3.46 -4.51	31.86 2.67 -5.81	37.58 2.45 -13.19	23.09 1.57 -6.52	32.31 2.15 -11.71	33.07 1.88 -15.38	40.00 3.66 -4.10	82.43 4.22 -42.54	50.66 3.57 -15.79	44.59 3.62 -8.06	34.62 3.23 -0.02	41.50 3.42 -4.00	35.62 3.18 0.00	36.48 3.42 0.00	41.82 3.87 -0.83	51.38 4.69 -4.33	52.81 5.05 -0.09	49.08 4.40 -1.92	47.24 4.12 0.00	42.35 3.63 0.00	42.86 3.45 -5.79	32.80 2.24 -7.11
WADING RIVER_IC_3 23601	38.85 3.81 -2.48	41.17 3.78 -4.23	38.73 3.46 -4.51	31.86 2.67 -5.81	37.58 2.45 -13.19	23.09 1.57 -6.52	32.31 2.15 -11.71	33.07 1.88 -15.38	40.00 3.66 -4.10	82.43 4.22 -42.54	50.66 3.57 -15.79	44.59 3.62 -8.06	34.62 3.23 -0.02	41.50 3.42 -4.00	35.62 3.18 0.00	36.48 3.42 0.00	41.82 3.87 -0.83	51.38 4.69 -4.33	52.81 5.05 -0.09	49.08 4.40 -1.92	47.24 4.12 0.00	42.35 3.63 0.00	42.86 3.45 -5.79	32.80 2.24 -7.11
WALDENNY_12_KV_BK2 80841	18.84 -2.81 10.90	19.18 -2.33 11.64	18.60 -2.23 9.92	8.10 -1.71 13.57	6.87 -1.55 13.52	2.54 -1.15 11.30	5.67 -1.43 11.34	4.15 -1.26 10.40	13.93 -2.76 15.55	16.43 -2.99 16.25	15.88 -2.74 12.67	19.24 -2.96 10.73	27.72 -2.90 0.75	28.42 -3.15 2.51	15.18 -3.17 14.09	17.21 -3.01 12.84	16.45 -3.55 17.12	19.06 -4.16 19.14	19.97 -4.98 22.72	18.48 -4.31 19.97	21.04 -3.89 18.19	18.29 -3.17 17.26	15.38 -2.40 15.84	8.83 -1.69 12.93
WALDEN___HYDRO 24148	35.55 1.98 -1.02	35.03 1.88 0.00	32.42 1.67 0.00	24.69 1.31 0.00	23.22 1.28 0.00	22.31 0.91 -6.41	31.14 1.18 -11.51	32.01 1.06 -15.14	34.24 2.00 0.00	37.96 2.28 0.00	33.47 2.18 0.00	35.21 2.29 0.00	33.57 2.19 0.00	36.40 2.32 0.00	34.66 2.23 0.00	35.34 2.28 0.00	39.69 2.58 0.00	45.29 2.93 0.00	50.93 3.27 0.00	45.46 2.70 0.00	45.95 2.82 0.00	41.17 2.45 0.00	35.70 2.09 0.00	31.89 1.43 -7.01
WARRENSBURG____ 23737	36.02 2.24 -1.22	35.34 2.19 0.00	32.81 2.06 0.00	24.99 1.60 0.00	23.39 1.45 0.00	23.69 1.04 -7.67	33.56 1.31 -13.81	34.95 1.07 -18.06	34.27 2.03 0.00	37.68 2.00 0.00	32.86 1.57 0.00	34.70 1.78 0.00	32.89 1.51 0.00	35.66 1.59 0.00	33.87 1.44 0.00	34.64 1.59 0.00	39.34 2.22 0.00	44.94 2.58 0.00	50.93 3.26 0.00	45.74 2.98 0.00	46.22 3.09 0.00	41.42 2.70 0.00	35.91 2.30 0.00	33.33 1.53 -8.35

WATERSIDE___6 8 9 23538	35.81 2.22 -1.03	35.28 2.13 0.00	32.66 1.91 0.00	24.89 1.51 0.00	23.44 1.50 0.00	22.57 1.06 -6.52	31.53 1.37 -11.71	32.43 1.23 -15.38	34.57 2.33 0.00	38.32 2.65 0.00	33.82 2.52 0.00	35.56 2.63 0.00	33.91 2.53 0.00	36.75 2.67 0.00	34.97 2.55 0.00	35.65 2.59 0.00	40.01 2.90 0.00	45.63 3.27 0.00	51.23 3.57 0.00	45.70 2.94 0.00	46.18 3.06 0.00	41.41 2.69 0.00	35.89 2.27 0.00	32.14 1.57 -7.11
WATKINRD_115KV_LN8_ILLION 55919	34.75 2.19 0.00	35.25 2.10 0.00	32.64 1.89 0.00	24.83 1.45 0.00	23.21 1.26 0.00	15.86 0.86 0.00	19.48 1.04 0.00	16.50 0.68 0.00	33.35 1.11 0.00	36.82 1.15 0.00	32.31 1.01 0.00	33.95 1.03 0.00	32.17 0.79 0.00	34.98 0.90 0.00	33.50 1.07 0.00	34.11 1.06 0.00	38.72 1.61 0.00	44.11 1.75 0.00	49.96 2.30 0.00	44.83 2.07 0.00	45.42 2.29 0.00	40.54 1.82 0.00	35.35 1.74 0.00	24.55 1.11 0.00
WDELAWARE___HYD 323627	35.47 1.95 -0.96	34.98 1.83 0.00	32.39 1.64 0.00	24.66 1.28 0.00	23.20 1.25 0.00	21.95 0.90 -6.06	30.49 1.16 -10.89	31.40 1.03 -14.56	34.22 1.98 0.00	37.95 2.28 0.00	33.47 2.17 0.00	35.21 2.29 0.00	33.59 2.21 0.00	36.43 2.35 0.00	34.68 2.25 0.00	35.37 2.31 0.00	39.71 2.59 0.00	45.36 2.99 0.00	51.02 3.35 0.00	45.54 2.79 0.00	46.04 2.91 0.00	41.25 2.53 0.00	35.73 2.12 0.00	31.68 1.45 -6.78
WEST BABYLON___IC 23714	38.46 3.43 -2.48	40.78 3.39 -4.23	38.36 3.10 -4.51	31.59 2.39 -5.81	37.36 2.24 -13.19	23.00 1.49 -6.52	32.18 2.02 -11.71	32.98 1.78 -15.38	39.80 3.46 -4.10	82.16 3.95 -42.54	50.68 3.60 -15.79	44.72 3.74 -8.06	34.89 3.50 -0.02	41.78 3.70 -4.00	35.96 3.52 0.00	36.72 3.67 0.00	42.07 4.12 -0.83	51.38 4.68 -4.33	52.85 5.10 -0.09	49.05 4.38 -1.92	47.49 4.37 0.00	42.66 3.94 0.00	42.99 3.58 -5.79	32.92 2.35 -7.11
WEST CANADA___HYD 24049	32.75 0.20 0.00	33.35 0.20 0.00	30.94 0.19 0.00	23.52 0.14 0.00	22.08 0.13 0.00	15.08 0.09 0.00	18.55 0.11 0.00	15.91 0.10 0.00	32.40 0.16 0.00	35.85 0.18 0.00	31.47 0.17 0.00	33.11 0.18 0.00	31.54 0.16 0.00	34.25 0.17 0.00	32.60 0.17 0.00	33.22 0.17 0.00	37.30 0.19 0.00	42.58 0.21 0.00	47.90 0.24 0.00	42.95 0.19 0.00	43.34 0.22 0.00	38.91 0.19 0.00	33.78 0.17 0.00	23.57 0.12 0.00
WESTERN_NY_WIND 24143	24.55 -1.88 6.13	25.27 -1.49 6.38	23.90 -1.41 5.44	14.85 -1.09 7.44	13.57 -0.96 7.42	8.43 -0.72 5.85	11.97 -0.88 5.58	10.14 -0.79 4.89	21.95 -1.76 8.52	24.83 -1.93 8.91	22.57 -1.78 6.95	25.15 -1.89 5.88	29.09 -1.88 0.41	30.72 -1.98 1.38	22.72 -1.99 7.72	24.18 -1.84 7.04	25.58 -2.15 9.38	29.31 -2.56 10.49	32.00 -3.21 12.45	29.18 -2.64 10.95	30.88 -2.26 9.97	27.47 -1.79 9.46	23.65 -1.28 8.68	15.81 -0.92 6.72
WESTOVER___LESR 323668	34.16 -0.03 -1.64	33.24 0.09 0.00	30.80 0.05 0.00	23.40 0.02 0.00	22.00 0.06 0.00	17.35 0.02 -2.33	22.66 0.03 -4.19	21.19 0.04 -5.33	32.25 0.01 0.00	35.72 0.04 0.00	31.33 0.03 0.00	32.95 0.03 0.00	31.41 0.03 0.00	34.10 0.02 0.00	32.41 -0.02 0.00	33.11 0.06 0.00	37.14 0.03 0.00	42.40 0.03 0.00	47.68 0.01 0.00	42.69 -0.07 0.00	43.19 0.06 0.00	38.75 0.03 0.00	33.66 0.05 0.00	25.89 0.00 -2.44
WETHRSFD_WT_PWR 323626	-1.31 -2.85 31.02	-3.63 -2.50 34.29	-0.96 -2.48 29.24	-18.56 -1.97 39.97	-19.69 -1.81 39.82	-21.71 -1.34 35.37	-20.34 -1.66 37.12	-21.04 -1.44 35.42	-16.68 -3.10 45.83	-15.60 -3.37 47.90	-9.14 -3.08 37.35	-1.97 -3.27 31.61	25.97 -3.18 2.22	23.19 -3.49 7.40	-12.49 -3.41 41.51	-8.04 -3.26 37.84	-17.07 -3.74 50.44	-18.37 -4.32 56.41	-24.22 -4.93 66.96	-20.45 -4.36 58.85	-14.62 -4.12 53.62	-15.72 -3.58 50.86	-15.97 -2.92 46.67	-18.89 -2.06 40.28
WHAVSTOR_138KV_BK127 55557	35.59 2.02 -1.02	35.06 1.91 0.00	32.45 1.70 0.00	24.71 1.33 0.00	23.25 1.31 0.00	22.34 0.93 -6.42	31.19 1.22 -11.53	32.05 1.10 -15.14	34.30 2.06 0.00	38.02 2.35 0.00	33.53 2.24 0.00	35.28 2.36 0.00	33.64 2.26 0.00	36.46 2.38 0.00	34.73 2.30 0.00	35.40 2.35 0.00	39.75 2.64 0.00	45.36 2.99 0.00	50.96 3.30 0.00	45.44 2.68 0.00	45.92 2.80 0.00	41.17 2.45 0.00	35.70 2.08 0.00	31.90 1.45 -7.01
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.59 2.02 -1.02	35.06 1.91 0.00	32.45 1.70 0.00	24.71 1.33 0.00	23.25 1.31 0.00	22.34 0.93 -6.42	31.19 1.22 -11.53	32.05 1.10 -15.14	34.30 2.06 0.00	38.02 2.35 0.00	33.53 2.24 0.00	35.28 2.36 0.00	33.64 2.26 0.00	36.46 2.38 0.00	34.73 2.30 0.00	35.40 2.35 0.00	39.75 2.64 0.00	45.36 2.99 0.00	50.96 3.30 0.00	45.44 2.68 0.00	45.92 2.80 0.00	41.17 2.45 0.00	35.70 2.08 0.00	31.90 1.45 -7.01
WHITEHAL_115KV_TB1 80871	36.79 3.02 -1.21	36.01 2.86 0.00	33.57 2.82 0.00	25.66 2.27 0.00	23.87 1.93 0.00	24.11 1.45 -7.66	34.12 1.88 -13.80	35.35 1.49 -18.04	34.89 2.65 0.00	38.11 2.44 0.00	33.15 1.86 0.00	35.36 2.44 0.00	33.47 2.09 0.00	36.54 2.46 0.00	34.46 2.03 0.00	35.15 2.10 0.00	40.12 3.01 0.00	45.78 3.41 0.00	52.16 4.49 0.00	46.95 4.19 0.00	47.38 4.25 0.00	42.44 3.72 0.00	36.84 3.23 0.00	33.88 2.10 -8.34
WHITEPLN_13_KV_LOAD 356215	36.07 2.48 -1.03	35.54 2.39 0.00	32.88 2.12 0.00	25.04 1.66 0.00	23.55 1.61 0.00	22.63 1.12 -6.51	31.63 1.48 -11.71	32.51 1.33 -15.36	34.79 2.55 0.00	38.59 2.92 0.00	34.05 2.75 0.00	35.83 2.91 0.00	34.15 2.78 0.00	37.02 2.95 0.00	35.25 2.82 0.00	35.93 2.88 0.00	40.35 3.24 0.00	46.06 3.69 0.00	51.75 4.09 0.00	46.16 3.40 0.00	46.66 3.53 0.00	41.83 3.11 0.00	36.26 2.64 0.00	32.38 1.82 -7.11
WM_FLOYD_69_KV_BK2 356380	38.82 3.78 -2.48	41.14 3.75 -4.23	38.70 3.44 -4.51	31.84 2.65 -5.81	37.55 2.43 -13.19	23.07 1.56 -6.52	32.29 2.13 -11.71	33.06 1.87 -15.38	39.98 3.64 -4.10	82.40 4.19 -42.54	50.72 3.63 -15.79	44.66 3.68 -8.06	34.74 3.34 -0.02	41.62 3.54 -4.00	35.76 3.33 0.00	36.58 3.53 0.00	41.95 4.01 -0.83	51.42 4.72 -4.33	52.90 5.15 -0.09	49.13 4.46 -1.92	47.40 4.28 0.00	42.51 3.79 0.00	42.93 3.52 -5.79	32.85 2.29 -7.11
WOODARD__115KV_TB2 355635	32.21 -0.45 -0.10	32.75 -0.40 0.00	30.36 -0.40 0.00	23.07 -0.31 0.00	21.66 -0.28 0.00	15.44 -0.20 -0.64	19.35 -0.25 -1.16	17.10 -0.20 -1.48	31.82 -0.42 0.00	35.24 -0.44 0.00	30.91 -0.38 0.00	32.50 -0.42 0.00	31.00 -0.38 0.00	33.65 -0.43 0.00	32.00 -0.43 0.00	32.61 -0.44 0.00	36.60 -0.51 0.00	41.77 -0.60 0.00	46.98 -0.68 0.00	42.13 -0.63 0.00	42.57 -0.55 0.00	38.21 -0.51 0.00	33.18 -0.44 0.00	23.83 -0.30 -0.68
YORK___WARBASSE 23770	35.92 2.33 -1.03	35.38 2.22 0.00	32.75 2.00 0.00	24.96 1.58 0.00	23.50 1.55 0.00	22.61 1.09 -6.52	31.58 1.42 -11.71	32.48 1.29 -15.38	34.68 2.44 0.00	38.44 2.77 0.00	33.91 2.62 0.00	35.66 2.74 0.00	34.00 2.62 0.00	36.86 2.78 0.00	35.08 2.65 0.00	35.76 2.70 0.00	40.13 3.02 0.00	45.75 3.39 0.00	51.33 3.67 0.00	45.77 3.01 0.00	46.27 3.15 0.00	41.54 2.82 0.00	35.99 2.38 0.00	32.21 1.64 -7.11