

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion												
Generator Data																											11/06/2025							
Name	PTID	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									
59TH STREET_GT_1	24138	39.62	36.39	36.01	35.85	37.19	42.55	60.75	69.49	55.08	49.04	42.86	43.40	43.84	43.77	45.96	53.26	75.18	91.01	87.31	74.07	62.78	54.68	48.31	46.28									
		2.76	2.35	2.17	2.16	2.20	2.67	3.87	4.48	3.60	3.19	3.09	3.04	3.11	3.11	3.36	3.48	4.72	5.87	5.33	4.26	3.55	3.19	2.69	2.37									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-4.45	-0.68	-3.71	-1.89	-1.79	-1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1	24260	39.66	36.49	36.08	35.92	37.30	42.63	60.81	69.50	55.09	51.72	43.17	45.67	44.91	44.82	46.58	53.26	75.25	91.10	87.39	74.21	62.84	54.78	48.41	46.37									
		2.80	2.45	2.23	2.22	2.31	2.75	3.92	4.48	3.60	3.06	2.97	2.97	2.99	3.03	3.23	3.48	4.79	5.96	5.41	4.40	3.61	3.30	2.78	2.46									
		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-7.25	-1.11	-6.06	-3.08	-2.92	-1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00									
74TH STREET_GT_2	24261	39.66	36.49	36.08	35.92	37.30	42.63	60.81	69.50	55.09	51.72	43.17	45.67	44.91	44.82	46.58	53.26	75.25	91.10	87.39	74.21	62.84	54.78	48.41	46.37									
		2.80	2.45	2.23	2.22	2.31	2.75	3.92	4.48	3.60	3.06	2.97	2.97	2.99	3.03	3.23	3.48	4.79	5.96	5.41	4.40	3.61	3.30	2.78	2.46									
		-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-7.25	-1.11	-6.06	-3.08	-2.92	-1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00									
ADK HUDSON___FALLS	24011	38.29	35.46	35.23	35.00	36.31	41.59	59.27	67.73	52.75	42.07	39.45	37.12	39.23	39.18	41.88	50.78	72.79	87.95	84.93	72.05	61.42	52.98	46.85	45.32									
		1.44	1.43	1.39	1.31	1.33	1.71	2.39	2.73	1.29	0.66	0.35	0.48	0.39	0.31	0.46	1.00	2.33	2.81	2.95	2.23	2.19	1.49	1.23	1.41									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23798	38.33	35.53	35.26	35.07	36.38	41.71	59.38	67.93	52.70	42.11	39.49	37.12	39.23	39.14	41.88	50.83	72.93	88.20	85.18	72.26	61.60	53.14	46.94	45.41									
		1.48	1.50	1.42	1.38	1.40	1.84	2.50	2.93	1.23	0.70	0.39	0.48	0.39	0.27	0.46	1.05	2.46	3.06	3.19	2.44	2.37	1.65	1.32	1.49									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK S GLENS___FALLS	24028	38.29	35.46	35.23	35.00	36.31	41.59	59.27	67.73	52.75	42.07	39.45	37.12	39.23	39.18	41.88	50.78	72.79	87.95	84.93	72.05	61.42	52.98	46.85	45.32									
		1.44	1.43	1.39	1.31	1.33	1.71	2.39	2.73	1.29	0.66	0.35	0.48	0.39	0.31	0.46	1.00	2.33	2.81	2.95	2.23	2.19	1.49	1.23	1.41									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23527	38.66	35.73	35.46	35.27	36.56	41.75	59.50	67.99	53.16	42.40	39.57	37.42	39.54	39.61	42.21	51.22	72.65	87.44	84.20	71.56	61.01	52.42	46.39	45.23									
		1.81	1.70	1.62	1.58	1.58	1.87	2.62	2.99	1.70	0.99	0.47	0.77	0.70	0.74	0.79	1.44	2.19	2.30	2.21	1.75	1.78	0.93	0.77	1.32									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24190	37.59	34.81	34.55	34.40	35.58	40.51	57.73	65.91	51.98	41.66	39.14	36.91	39.00	39.02	41.59	50.13	71.10	85.74	82.56	70.16	59.64	51.64	45.66	44.13									
		0.74	0.78	0.71	0.71	0.59	0.64	0.85	0.91	0.51	0.25	0.04	0.26	0.16	0.16	0.17	0.35	0.63	0.60	0.57	0.35	0.41	0.15	0.05	0.22									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	355683	36.74	33.90	33.74	33.62	34.91	39.95	57.17	65.26	51.67	41.57	39.33	36.54	39.07	39.10	41.68	50.18	70.81	85.91	82.80	70.58	60.12	52.21	46.39	44.61									
		-0.11	-0.14	-0.10	-0.07	-0.07	0.08	0.28	0.26	0.21	0.17	0.23	-0.11	0.23	0.23	0.25	0.40	0.35	0.77	0.82	0.77	0.89	0.72	0.78	0.70									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	323833	38.18	35.32	35.09	34.90	36.17	41.27	58.70	66.95	52.39	41.94	39.41	37.09	39.19	39.26	41.97	50.72	72.29	87.35	84.20	71.56	60.77	52.72	46.62	45.01									
		1.32	1.29	1.25	1.21	1.19	1.39	1.82	1.95	0.93	0.54	0.31	0.44	0.35	0.39	0.54	0.94	1.83	2.21	2.21	1.75	1.54	1.23	1.00	1.10									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	323834	38.14	35.32	35.09	34.90	36.17	41.23	58.70	66.95	52.39	41.94	39.41	37.09	39.19	39.26	41.97	50.72	72.29	87.35	84.20	71.56	60.77	52.72	46.58	45.01									
		1.29	1.29	1.25	1.21	1.19	1.36	1.82	1.95	0.93	0.54	0.31	0.44	0.35	0.39	0.54	0.94	1.83	2.21	2.21	1.75	1.54	1.23	0.96	1.10									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23571	37.59	34.81	34.55	34.40	35.58	40.51	57.73	65.91	51.98	41.66	39.14	36.91	39.00	39.02	41.59	50.13	71.10	85.74	82.56	70.16	59.64	51.64	45.66	44.13									
		0.74	0.78	0.71	0.71	0.59	0.64	0.85	0.91	0.51	0.25	0.04	0.26	0.16	0.16	0.17	0.35	0.63	0.60	0.57	0.35	0.41	0.15	0.05	0.22									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.59 0.74 0.00	34.81 0.78 0.00	34.55 0.71 0.00	34.40 0.71 0.00	35.58 0.59 0.00	40.51 0.64 0.00	57.73 0.85 0.00	65.91 0.91 0.00	51.98 0.51 0.00	41.66 0.25 0.00	39.14 0.04 0.00	36.91 0.26 0.00	39.00 0.16 0.00	39.02 0.16 0.00	41.59 0.17 0.00	50.13 0.35 0.00	71.10 0.63 0.00	85.74 0.60 0.00	82.56 0.57 0.00	70.16 0.35 0.00	59.64 0.41 0.00	51.64 0.15 0.00	45.66 0.05 0.00	44.13 0.22 0.00
ALBANY___3 23573	37.59 0.74 0.00	34.81 0.78 0.00	34.55 0.71 0.00	34.40 0.71 0.00	35.58 0.59 0.00	40.51 0.64 0.00	57.73 0.85 0.00	65.91 0.91 0.00	51.98 0.51 0.00	41.66 0.25 0.00	39.14 0.04 0.00	36.91 0.26 0.00	39.00 0.16 0.00	39.02 0.16 0.00	41.59 0.17 0.00	50.13 0.35 0.00	71.10 0.63 0.00	85.74 0.60 0.00	82.56 0.57 0.00	70.16 0.35 0.00	59.64 0.41 0.00	51.64 0.15 0.00	45.66 0.05 0.00	44.13 0.22 0.00
ALBANY___4 23574	37.59 0.74 0.00	34.81 0.78 0.00	34.55 0.71 0.00	34.40 0.71 0.00	35.58 0.59 0.00	40.51 0.64 0.00	57.73 0.85 0.00	65.91 0.91 0.00	51.98 0.51 0.00	41.66 0.25 0.00	39.14 0.04 0.00	36.91 0.26 0.00	39.00 0.16 0.00	39.02 0.16 0.00	41.59 0.17 0.00	50.13 0.35 0.00	71.10 0.63 0.00	85.74 0.60 0.00	82.56 0.57 0.00	70.16 0.35 0.00	59.64 0.41 0.00	51.64 0.15 0.00	45.66 0.05 0.00	44.13 0.22 0.00
ALBANY___LFGE 323615	37.89 1.03 0.00	35.05 1.02 0.00	34.82 0.98 0.00	34.63 0.94 0.00	35.86 0.87 0.00	40.87 1.00 0.00	58.19 1.31 0.00	66.50 1.50 0.00	52.19 0.72 0.00	41.94 0.54 0.00	39.41 0.31 0.00	37.12 0.48 0.00	39.23 0.39 0.00	39.26 0.39 0.00	41.88 0.46 0.00	50.53 0.75 0.00	71.73 1.27 0.00	86.50 1.36 0.00	83.29 1.31 0.00	70.79 0.98 0.00	60.12 0.89 0.00	52.06 0.57 0.00	46.03 0.41 0.00	44.48 0.57 0.00
ALCOA_PA_115KV_PL-6C 55860	37.00 0.15 0.00	34.17 0.14 0.00	33.97 0.14 0.00	33.89 0.20 0.00	35.19 0.21 0.00	40.27 0.40 0.00	57.68 0.80 0.00	65.71 0.71 0.00	52.08 0.62 0.00	41.86 0.46 0.00	39.60 0.51 0.00	36.80 0.15 0.00	39.35 0.50 0.00	39.37 0.51 0.00	41.97 0.54 0.00	50.53 0.75 0.00	71.24 0.78 0.00	86.42 1.28 0.00	83.38 1.39 0.00	71.14 1.33 0.00	60.59 1.36 0.00	52.67 1.18 0.00	46.85 1.23 0.00	45.05 1.14 0.00
ALCOA_RYNLDS___DRP 24188	37.00 0.15 0.00	34.17 0.14 0.00	33.97 0.14 0.00	33.89 0.20 0.00	35.19 0.21 0.00	40.27 0.40 0.00	57.68 0.80 0.00	65.71 0.71 0.00	52.08 0.62 0.00	41.86 0.46 0.00	39.60 0.51 0.00	36.80 0.15 0.00	39.35 0.50 0.00	39.37 0.51 0.00	41.97 0.54 0.00	50.53 0.75 0.00	71.24 0.78 0.00	86.42 1.28 0.00	83.38 1.39 0.00	71.14 1.33 0.00	60.59 1.36 0.00	52.67 1.18 0.00	46.85 1.23 0.00	45.05 1.14 0.00
ALCOA___DSASP 323711	37.00 0.15 0.00	34.17 0.14 0.00	33.97 0.14 0.00	33.89 0.20 0.00	35.19 0.21 0.00	40.27 0.40 0.00	57.68 0.80 0.00	65.71 0.71 0.00	52.08 0.62 0.00	41.86 0.46 0.00	39.60 0.51 0.00	36.80 0.15 0.00	39.35 0.50 0.00	39.37 0.51 0.00	41.97 0.54 0.00	50.53 0.75 0.00	71.24 0.78 0.00	86.42 1.28 0.00	83.38 1.39 0.00	71.14 1.33 0.00	60.59 1.36 0.00	52.67 1.18 0.00	46.85 1.23 0.00	45.05 1.14 0.00
ALLEGHENY___COGEN 23514	36.12 -0.74 0.00	33.15 -0.89 0.00	33.23 -0.61 0.00	33.12 -0.57 0.00	34.88 -0.10 0.00	39.44 -0.44 0.00	55.68 -1.20 0.00	64.09 -0.91 0.00	50.80 -0.67 0.00	40.74 -0.66 0.00	38.74 -0.35 0.00	36.39 -0.25 0.00	37.83 -1.01 0.00	37.78 -1.09 0.00	40.06 -1.37 0.00	47.89 -1.89 0.00	66.66 -3.81 0.00	81.22 -3.92 0.00	78.95 -3.03 0.00	67.79 -2.03 0.00	57.16 -2.07 0.00	49.79 -1.70 0.00	45.71 0.09 0.00	44.04 0.13 0.00
ALTAMONT_115KV_TB 2 55880	37.74 0.88 0.00	34.88 0.85 0.00	34.65 0.81 0.00	34.50 0.81 0.00	35.72 0.73 0.00	40.71 0.84 0.00	58.02 1.14 0.00	66.23 1.23 0.00	52.34 0.87 0.00	41.99 0.58 0.00	39.53 0.43 0.00	37.20 0.55 0.00	39.31 0.47 0.00	39.34 0.47 0.00	41.97 0.54 0.00	50.48 0.70 0.00	71.52 1.06 0.00	86.25 1.11 0.00	83.05 1.07 0.00	70.65 0.84 0.00	60.06 0.83 0.00	52.05 0.57 0.00	46.07 0.46 0.00	44.44 0.53 0.00
ALTONA_WT_PWR 323606	35.79 -1.07 0.00	32.98 -1.06 0.00	32.79 -1.05 0.00	32.71 -0.98 0.00	34.00 -0.98 0.00	38.96 -0.92 0.00	55.86 -1.02 0.00	63.76 -1.24 0.00	50.44 -1.03 0.00	40.58 -0.83 0.00	38.39 -0.70 0.00	35.66 -0.99 0.00	38.18 -0.66 0.00	38.25 -0.62 0.00	40.85 -0.58 0.00	49.13 -0.65 0.00	69.20 -1.27 0.00	84.20 -0.93 0.00	81.32 -0.66 0.00	69.33 -0.49 0.00	58.99 -0.24 0.00	51.54 0.05 0.00	46.17 0.55 0.00	44.40 0.48 0.00
AMERICAN_REF_FUEL 24010	34.24 -2.62 0.00	31.44 -2.59 0.00	31.44 -2.40 0.00	31.33 -2.36 0.00	33.03 -1.96 0.00	36.17 -3.71 0.00	50.11 -6.77 0.00	57.72 -7.28 0.00	46.58 -4.89 0.00	38.09 -3.31 0.00	36.59 -2.50 0.00	34.67 -1.98 0.00	35.81 -3.03 0.00	35.76 -3.11 0.00	37.91 -3.52 0.00	44.65 -5.13 0.00	63.56 -6.90 0.00	75.94 -9.20 0.00	73.38 -8.61 0.00	63.04 -6.77 0.00	53.43 -5.80 0.00	46.70 -4.79 0.00	41.51 -4.11 0.00	40.62 -3.29 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.43 -3.43 0.00	30.80 -3.23 0.00	30.83 -3.01 0.00	30.76 -2.93 0.00	32.46 -2.52 0.00	36.25 -3.63 0.00	50.80 -6.09 0.00	58.96 -6.04 0.00	47.45 -4.01 0.00	39.01 -2.40 0.00	37.53 -1.57 0.00	35.62 -1.03 0.00	36.98 -1.86 0.00	37.04 -1.83 0.00	39.32 -2.11 0.00	46.35 -3.43 0.00	66.37 -4.09 0.00	80.03 -5.11 0.00	77.23 -4.76 0.00	66.18 -3.63 0.00	55.97 -3.26 0.00	48.81 -2.68 0.00	43.34 -2.28 0.00	41.85 -2.06 0.00
ARTHUR KILL_GT_1 23520	40.15 3.28 -0.01	37.01 2.96 -0.01	36.66 2.81 -0.01	36.50 2.80 -0.01	37.87 2.87 -0.01	43.24 3.35 -0.01	60.76 3.87 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.44 2.15 -0.90	42.11 2.11 -4.91	43.68 2.13 -4.91	43.48 2.14 -2.50	43.42 2.18 -2.37	45.35 2.36 -1.56	53.21 3.43 0.00	74.55 4.09 0.00	90.33 5.19 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.67 3.44 0.00	55.04 3.55 0.00	49.10 3.47 -0.01	47.08 3.16 -0.01
ARTHUR_KILL_2 23512	40.07 3.20 -0.01	36.94 2.89 -0.01	36.56 2.71 -0.01	36.40 2.70 -0.01	37.76 2.76 -0.01	43.08 3.19 -0.01	60.58 3.70 -0.01	68.91 3.90 -0.02	54.67 3.19 -0.02	49.36 2.07 -0.90	41.99 1.99 -4.91	43.57 2.01 -2.50	43.36 2.02 -2.37	43.30 2.06 -2.37	45.27 2.28 -1.56	53.06 3.28 0.00	74.33 3.87 0.00	90.16 5.02 0.00	86.65 4.67 0.00	73.44 3.63 0.00	62.43 3.20 0.00	54.83 3.34 0.00	48.96 3.33 -0.01	46.91 2.99 -0.01
ARTHUR_KILL_3 23513	39.37 2.51 -0.01	36.22 2.18 -0.01	35.84 2.00 -0.01	35.68 1.99 -0.01	36.98 1.99 -0.01	42.23 2.35 -0.01	60.42 3.53 -0.01	69.04 4.03 -0.01	54.72 3.24 -0.01	50.26 2.98 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.82 3.04 0.00	74.55 4.09 0.00	90.25 5.11 0.00	86.65 4.67 0.00	73.44 3.63 0.00	62.25 3.02 0.00	54.27 2.78 0.00	47.95 2.33 -0.01	45.84 1.93 0.00

ARTHUR_KILL_COGEN 323718	40.15 3.28 -0.01	37.01 2.96 -0.01	36.66 2.81 -0.01	36.50 2.79 -0.01	37.87 2.87 -0.01	43.16 3.27 -0.01	60.76 3.87 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.44 2.15 -5.88	42.07 2.07 -0.90	43.65 2.09 -4.91	43.44 2.10 -2.50	43.38 2.14 -2.37	45.35 2.36 -1.56	53.21 3.43 0.00	74.55 4.09 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.60 3.37 0.00	54.99 3.50 0.00	49.10 3.47 -0.01	46.99 3.07 -0.01
ASHOKAN____ 23654	38.37 1.51 0.00	35.32 1.29 0.00	34.99 1.15 0.00	34.90 1.21 0.00	36.28 1.30 0.00	41.47 1.60 0.00	59.44 2.56 0.00	67.47 2.47 0.00	52.65 1.18 0.00	42.03 0.62 0.00	39.45 0.35 0.00	37.09 0.44 0.00	39.19 0.35 0.00	39.26 0.39 0.00	42.01 0.58 0.00	50.83 1.05 0.00	72.78 2.32 0.00	88.80 3.66 0.00	85.35 3.36 0.00	72.32 2.51 0.00	61.24 2.01 0.00	53.60 2.11 0.00	47.26 1.64 0.00	45.27 1.36 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.40 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.36 2.47 -0.01	60.30 3.41 -0.01	68.71 3.70 -0.01	54.72 3.24 -0.01	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.28 2.94 -1.91	52.91 3.14 0.01	74.26 3.80 0.01	89.98 4.85 0.01	86.40 4.42 0.01	73.23 3.42 0.01	62.12 2.90 0.01	54.32 2.83 0.00	48.27 2.64 -0.01	46.33 2.41 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	39.40 2.54 -0.01	36.39 2.35 -0.01	36.08 2.23 -0.01	35.92 2.22 -0.01	37.26 2.27 -0.01	42.36 2.47 -0.01	60.30 3.41 -0.01	68.64 3.64 -0.01	54.72 3.24 -0.01	51.38 2.73 -7.24	42.81 2.62 -1.10	45.34 2.64 -6.05	43.96 2.64 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.86 3.09 0.01	74.26 3.80 0.01	89.90 4.76 0.01	86.32 4.34 0.01	73.16 3.35 0.01	62.06 2.84 0.01	54.32 2.83 0.00	48.22 2.60 -0.01	46.33 2.41 -0.01
ASTORIA_GT2_1 24094	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT2_2 24095	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT2_3 24096	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT2_4 24097	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT3_1 24098	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT3_2 24099	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT3_3 24100	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT3_4 24101	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT4_1 24102	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT4_2 24103	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT4_3 24104	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01

ASTORIA_GT4_4 24105	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
ASTORIA_GT_1 23523	39.48 2.62 -0.01	36.46 2.42 -0.01	36.15 2.30 -0.01	35.99 2.29 -0.01	37.34 2.34 -0.01	42.51 2.63 -0.01	60.42 3.53 -0.01	68.85 3.83 -0.02	54.83 3.35 -0.02	51.47 2.82 -7.24	42.93 2.74 -1.10	45.41 2.71 -6.05	44.07 2.76 -2.47	44.54 2.76 -2.91	46.32 2.98 -1.91	53.02 3.24 0.00	74.41 3.95 0.00	90.08 4.94 0.00	86.49 4.51 0.00	73.37 3.56 0.00	62.25 3.02 0.00	54.47 2.99 0.00	48.36 2.74 -0.01	46.51 2.59 -0.01
ASTORIA_GT_10 24110	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.55 2.67 -0.01	60.47 3.58 -0.01	68.98 3.96 -0.02	54.78 3.29 -0.02	51.35 2.69 -7.25	42.82 2.62 -1.11	45.31 2.60 -6.06	44.56 2.64 -3.08	44.43 2.64 -2.92	46.21 2.86 -1.92	53.02 3.24 0.00	74.62 4.16 0.00	90.33 5.19 0.00	86.66 4.67 0.00	73.51 3.70 0.00	62.37 3.14 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.42 2.50 -0.01
ASTORIA_GT_11 24225	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.55 2.67 -0.01	60.47 3.58 -0.01	68.98 3.96 -0.02	54.78 3.29 -0.02	51.35 2.69 -7.25	42.82 2.62 -1.11	45.31 2.60 -6.06	44.56 2.64 -3.08	44.43 2.64 -2.92	46.21 2.86 -1.92	53.02 3.24 0.00	74.62 4.16 0.00	90.33 5.19 0.00	86.66 4.67 0.00	73.51 3.70 0.00	62.37 3.14 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.42 2.50 -0.01
ASTORIA_GT_12 24226	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.55 2.67 -0.01	60.47 3.58 -0.01	68.98 3.96 -0.02	54.78 3.29 -0.02	51.35 2.69 -7.25	42.82 2.62 -1.11	45.31 2.60 -6.06	44.56 2.64 -3.08	44.43 2.64 -2.92	46.21 2.86 -1.92	53.02 3.24 0.00	74.62 4.16 0.00	90.33 5.19 0.00	86.66 4.67 0.00	73.51 3.70 0.00	62.37 3.14 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.42 2.50 -0.01
ASTORIA_GT_13 24227	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.55 2.67 -0.01	60.47 3.58 -0.01	68.98 3.96 -0.02	54.78 3.29 -0.02	51.35 2.69 -7.25	42.82 2.62 -1.11	45.31 2.60 -6.06	44.56 2.64 -3.08	44.43 2.64 -2.92	46.21 2.86 -1.92	53.02 3.24 0.00	74.62 4.16 0.00	90.33 5.19 0.00	86.66 4.67 0.00	73.51 3.70 0.00	62.37 3.14 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.42 2.50 -0.01
ASTORIA_GT_5 24106	39.48 2.62 -0.01	36.46 2.42 -0.01	36.15 2.30 -0.01	35.99 2.29 -0.01	37.34 2.34 -0.01	42.51 2.63 -0.01	60.42 3.53 -0.01	68.85 3.83 -0.02	54.83 3.35 -0.02	51.47 2.82 -7.24	42.93 2.74 -1.10	45.41 2.71 -6.05	44.07 2.76 -2.47	44.54 2.76 -2.91	46.32 2.98 -1.91	53.02 3.24 0.00	74.41 3.95 0.00	90.08 4.94 0.00	86.49 4.51 0.00	73.37 3.56 0.00	62.25 3.02 0.00	54.47 2.99 0.00	48.36 2.74 -0.01	46.51 2.59 -0.01
ASTORIA_GT_7 24107	39.48 2.62 -0.01	36.46 2.42 -0.01	36.15 2.30 -0.01	35.99 2.29 -0.01	37.34 2.34 -0.01	42.51 2.63 -0.01	60.42 3.53 -0.01	68.85 3.83 -0.02	54.83 3.35 -0.02	51.47 2.82 -7.24	42.93 2.74 -1.10	45.41 2.71 -6.05	44.07 2.76 -2.47	44.54 2.76 -2.91	46.32 2.98 -1.91	53.02 3.24 0.00	74.41 3.95 0.00	90.08 4.94 0.00	86.49 4.51 0.00	73.37 3.56 0.00	62.25 3.02 0.00	54.47 2.99 0.00	48.36 2.74 -0.01	46.51 2.59 -0.01
ASTORIA_GT_8 24108	39.48 2.62 -0.01	36.46 2.42 -0.01	36.15 2.30 -0.01	35.99 2.29 -0.01	37.34 2.34 -0.01	42.51 2.63 -0.01	60.42 3.53 -0.01	68.85 3.83 -0.02	54.83 3.35 -0.02	51.47 2.82 -7.24	42.93 2.74 -1.10	45.41 2.71 -6.05	44.07 2.76 -2.47	44.54 2.76 -2.91	46.32 2.98 -1.91	53.02 3.24 0.00	74.41 3.95 0.00	90.08 4.94 0.00	86.49 4.51 0.00	73.37 3.56 0.00	62.25 3.02 0.00	54.47 2.99 0.00	48.36 2.74 -0.01	46.51 2.59 -0.01
ASTORIA___2 24149	39.40 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.36 2.47 -0.01	60.30 3.41 -0.01	68.71 3.70 -0.01	54.72 3.24 -0.01	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.28 2.94 -1.91	52.91 3.14 0.01	74.26 3.80 0.01	89.98 4.85 0.01	86.40 4.42 0.01	73.23 3.42 0.01	62.12 2.90 0.01	54.32 2.83 0.00	48.27 2.64 -0.01	46.33 2.41 -0.01
ASTORIA___3 23516	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.47 2.59 -0.01	60.47 3.59 -0.01	68.98 3.97 -0.02	54.73 3.24 -0.02	51.35 2.69 -7.25	42.82 2.62 -1.11	45.31 2.60 -6.06	44.56 2.64 -3.08	44.44 2.64 -2.92	46.25 2.90 -1.92	53.01 3.23 0.00	74.62 4.16 0.00	90.33 5.19 0.00	86.74 4.75 0.00	73.51 3.70 0.00	62.37 3.14 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.33 2.41 -0.01
ASTORIA___4 23517	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.55 2.67 -0.01	60.47 3.58 -0.01	68.98 3.96 -0.02	54.78 3.29 -0.02	51.35 2.69 -7.25	42.82 2.62 -1.11	45.31 2.60 -6.06	44.56 2.64 -3.08	44.43 2.64 -2.92	46.21 2.86 -1.92	53.02 3.24 0.00	74.62 4.16 0.00	90.33 5.19 0.00	86.66 4.67 0.00	73.51 3.70 0.00	62.37 3.14 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.42 2.50 -0.01
ASTORIA___5 23518	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.47 2.59 -0.01	60.47 3.59 -0.01	68.98 3.97 -0.02	54.73 3.24 -0.02	51.35 2.69 -7.25	42.82 2.62 -1.11	45.31 2.60 -6.06	44.56 2.64 -3.08	44.44 2.64 -2.92	46.25 2.90 -1.92	53.01 3.23 0.00	74.62 4.16 0.00	90.33 5.19 0.00	86.74 4.75 0.00	73.51 3.70 0.00	62.37 3.14 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.33 2.41 -0.01
AST_ENERGY_2_CC3 323677	39.40 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.36 2.47 -0.01	60.30 3.41 -0.01	68.71 3.70 -0.01	54.72 3.24 -0.01	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.28 2.94 -1.91	52.91 3.14 0.01	74.26 3.80 0.01	89.98 4.85 0.01	86.40 4.42 0.01	73.23 3.42 0.01	62.12 2.90 0.01	54.32 2.83 0.00	48.27 2.64 -0.01	46.33 2.41 -0.01
AST_ENERGY_2_CC4 323678	39.40 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.36 2.47 -0.01	60.30 3.41 -0.01	68.71 3.70 -0.01	54.72 3.24 -0.01	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.28 2.94 -1.91	52.91 3.14 0.01	74.26 3.80 0.01	89.98 4.85 0.01	86.40 4.42 0.01	73.23 3.42 0.01	62.12 2.90 0.01	54.32 2.83 0.00	48.27 2.64 -0.01	46.33 2.41 -0.01

ATHENS_STG_1 23668	38.11 1.25 0.00	35.19 1.16 0.00	34.92 1.08 0.00	34.77 1.08 0.00	36.00 1.02 0.00	41.07 1.20 0.00	58.59 1.70 0.00	66.95 1.95 0.00	52.86 1.39 0.00	42.57 1.16 0.00	40.11 1.01 0.00	37.75 1.10 0.00	39.93 1.09 0.00	39.96 1.09 0.00	42.63 1.20 0.00	51.12 1.34 0.00	72.37 1.90 0.00	87.35 2.21 0.00	84.03 2.05 0.00	71.42 1.61 0.00	60.59 1.36 0.00	52.67 1.19 0.00	46.62 1.00 0.00	44.79 0.88 0.00
ATHENS_STG_2 23670	38.11 1.25 0.00	35.19 1.16 0.00	34.92 1.08 0.00	34.77 1.08 0.00	36.00 1.02 0.00	41.07 1.20 0.00	58.59 1.70 0.00	66.95 1.95 0.00	52.86 1.39 0.00	42.57 1.16 0.00	40.11 1.01 0.00	37.75 1.10 0.00	39.93 1.09 0.00	39.96 1.09 0.00	42.63 1.20 0.00	51.12 1.34 0.00	72.37 1.90 0.00	87.35 2.21 0.00	84.03 2.05 0.00	71.42 1.61 0.00	60.59 1.36 0.00	52.67 1.19 0.00	46.62 1.00 0.00	44.79 0.88 0.00
ATHENS_STG_3 23677	38.11 1.25 0.00	35.19 1.16 0.00	34.92 1.08 0.00	34.77 1.08 0.00	36.00 1.02 0.00	41.07 1.20 0.00	58.59 1.70 0.00	66.95 1.95 0.00	52.86 1.39 0.00	42.57 1.16 0.00	40.11 1.01 0.00	37.75 1.10 0.00	39.93 1.09 0.00	39.96 1.09 0.00	42.63 1.20 0.00	51.12 1.34 0.00	72.37 1.90 0.00	87.35 2.21 0.00	84.03 2.05 0.00	71.42 1.61 0.00	60.59 1.36 0.00	52.67 1.19 0.00	46.62 1.00 0.00	44.79 0.88 0.00
AUBURN___LFGE 323710	36.45 -0.41 0.00	33.62 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.74 -0.24 0.00	39.52 -0.36 0.00	56.26 -0.63 0.00	64.48 -0.52 0.00	51.11 -0.36 0.00	41.20 -0.21 0.00	38.94 -0.16 0.00	36.65 0.00 0.00	38.57 -0.27 0.00	38.64 -0.23 0.00	41.10 -0.33 0.00	49.28 -0.50 0.00	69.90 -0.56 0.00	84.54 -0.60 0.00	81.49 -0.49 0.00	69.47 -0.35 0.00	58.70 -0.53 0.00	51.13 -0.36 0.00	45.21 -0.41 0.00	43.43 -0.48 0.00
BABYLON_RES_REC 323704	39.40 2.54 0.00	36.18 2.15 0.00	35.63 1.79 0.00	35.41 1.72 0.00	36.73 1.75 0.00	41.63 1.75 0.00	59.44 2.56 0.00	67.20 2.21 0.01	47.19 1.54 5.82	40.37 3.11 4.14	42.14 3.28 0.24	40.07 3.26 -0.16	42.08 3.30 0.06	42.31 3.34 -0.10	45.22 3.73 -0.06	52.22 2.44 0.00	74.41 3.94 0.00	89.65 4.51 0.00	86.57 4.59 0.00	74.56 4.75 0.00	62.72 3.49 0.00	54.47 2.99 0.00	47.49 1.87 0.00	45.45 1.54 0.00
BALL_HILL_WT_PWR 323825	34.24 -2.62 0.00	31.51 -2.52 0.00	31.50 -2.33 0.00	31.40 -2.29 0.00	33.13 -1.86 0.00	36.80 -3.07 0.00	51.42 -5.46 0.00	59.41 -5.59 0.00	47.71 -3.75 0.00	39.09 -2.32 0.00	37.53 -1.57 0.00	35.55 -1.10 0.00	36.82 -2.02 0.00	36.81 -2.06 0.00	38.98 -2.44 0.00	45.95 -3.83 0.00	65.67 -4.79 0.00	78.93 -6.21 0.00	76.24 -5.74 0.00	65.34 -4.47 0.00	55.32 -3.91 0.00	48.30 -3.19 0.00	42.97 -2.65 0.00	41.72 -2.19 0.00
BARON_WINDS___WT_PWR 323822	34.42 -2.43 0.00	31.68 -2.35 0.00	31.77 -2.07 0.00	31.67 -2.02 0.00	33.31 -1.68 0.00	37.32 -2.55 0.00	52.50 -4.38 0.00	60.52 -4.48 0.00	48.12 -3.34 0.00	39.25 -2.15 0.00	37.57 -1.53 0.00	35.44 -1.21 0.00	36.82 -2.02 0.00	36.81 -2.06 0.00	39.07 -2.36 0.00	46.29 -3.49 0.00	66.16 -4.30 0.00	79.94 -5.20 0.00	77.23 -4.76 0.00	66.33 -3.49 0.00	56.03 -3.20 0.00	48.92 -2.57 0.00	43.61 -2.01 0.00	42.11 -1.80 0.00
BARRETT_IC_1 23704	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT_IC_10 23701	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT_IC_11 23702	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT_IC_12 23703	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT_IC_2 23705	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT_IC_3 23706	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT_IC_4 23707	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT_IC_5 23708	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01

BARRETT_IC_6 23709	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT_IC_7 23710	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.73 0.00	35.37 1.68 0.00	36.77 1.78 0.00	41.91 2.03 0.00	59.44 2.56 0.00	67.40 2.40 0.00	53.07 1.85 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.19 3.34 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.13 3.65 -0.06	52.22 2.44 0.00	74.49 3.95 -0.08	88.97 3.83 0.00	85.84 3.85 0.00	74.51 4.61 -0.08	62.75 3.44 -0.08	54.71 3.14 -0.08	47.49 1.87 0.00	45.71 1.80 0.00
BARRETT_IC_8 23711	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT_IC_9 23700	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT___1 23545	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BARRETT___2 23546	39.29 2.43 0.00	36.11 2.08 0.00	35.56 1.72 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.67 1.80 0.00	59.45 2.56 -0.01	67.41 2.41 0.00	53.01 1.80 0.25	44.54 3.19 0.05	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.14 3.65 -0.06	52.22 2.44 0.00	74.49 3.94 -0.08	89.31 4.17 0.00	86.08 4.10 0.00	74.51 4.61 -0.08	62.75 3.43 -0.08	54.51 2.93 -0.08	47.45 1.83 -0.01	45.45 1.54 -0.01
BATAVIA__115KV_TB1 55881	35.34 -1.51 0.00	32.40 -1.63 0.00	32.48 -1.35 0.00	32.34 -1.35 0.00	34.07 -0.91 0.00	37.76 -2.11 0.00	52.96 -3.92 0.00	61.03 -3.96 0.00	48.38 -3.09 0.00	39.92 -1.49 0.00	38.20 -0.90 0.00	35.95 -0.70 0.00	37.44 -1.40 0.00	37.39 -1.48 0.00	39.69 -1.74 0.00	46.84 -2.94 0.00	66.87 -3.59 0.00	80.37 -4.77 0.00	77.72 -4.26 0.00	66.53 -3.28 0.00	55.56 -3.67 0.00	48.97 -2.52 0.00	43.52 -2.10 0.00	42.02 -1.89 0.00
BAYONEEC___CTG1 323682	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.35 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.01	54.82 3.34 -0.01	50.22 2.94 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.97 3.19 0.00	74.76 4.30 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.42 2.93 0.00	48.13 2.51 -0.01	46.02 2.11 0.00
BAYONEEC___CTG10 323750	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.35 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.01	54.82 3.34 -0.01	50.22 2.94 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.97 3.19 0.00	74.76 4.30 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.42 2.93 0.00	48.13 2.51 -0.01	46.02 2.11 0.00
BAYONEEC___CTG2 323683	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.35 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.01	54.82 3.34 -0.01	50.22 2.94 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.97 3.19 0.00	74.76 4.30 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.42 2.93 0.00	48.13 2.51 -0.01	46.02 2.11 0.00
BAYONEEC___CTG3 323684	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.35 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.01	54.82 3.34 -0.01	50.22 2.94 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.97 3.19 0.00	74.76 4.30 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.42 2.93 0.00	48.13 2.51 -0.01	46.02 2.11 0.00
BAYONEEC___CTG4 323685	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.35 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.01	54.82 3.34 -0.01	50.22 2.94 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.97 3.19 0.00	74.76 4.30 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.42 2.93 0.00	48.13 2.51 -0.01	46.02 2.11 0.00
BAYONEEC___CTG5 323686	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.35 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.01	54.82 3.34 -0.01	50.22 2.94 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.97 3.19 0.00	74.76 4.30 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.42 2.93 0.00	48.13 2.51 -0.01	46.02 2.11 0.00
BAYONEEC___CTG6 323687	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.35 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.01	54.82 3.34 -0.01	50.22 2.94 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.97 3.19 0.00	74.76 4.30 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.42 2.93 0.00	48.13 2.51 -0.01	46.02 2.11 0.00
BAYONEEC___CTG7 323688	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.35 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.01	54.82 3.34 -0.01	50.22 2.94 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.97 3.19 0.00	74.76 4.30 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.42 2.93 0.00	48.13 2.51 -0.01	46.02 2.11 0.00

BAYONEEC___CTG8 323689	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.35 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.01	54.82 3.34 -0.01	50.22 2.94 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.97 3.19 0.00	74.76 4.30 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.42 2.93 0.00	48.13 2.51 -0.01	46.02 2.11 0.00
BAYONEEC___CTG9 323749	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.35 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.01	54.82 3.34 -0.01	50.22 2.94 -5.87	42.84 2.85 -0.90	44.37 2.82 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.13 3.15 -1.56	52.97 3.19 0.00	74.76 4.30 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.42 2.93 0.00	48.13 2.51 -0.01	46.02 2.11 0.00
BEACON___LESR 323632	38.03 1.18 0.00	35.22 1.19 0.00	34.95 1.12 0.00	34.77 1.08 0.00	36.03 1.05 0.00	41.07 1.20 0.00	58.53 1.65 0.00	66.89 1.89 0.00	52.39 0.93 0.00	42.11 0.70 0.00	39.53 0.43 0.00	37.23 0.58 0.00	39.34 0.50 0.00	39.37 0.50 0.00	42.05 0.62 0.00	50.72 0.94 0.00	72.15 1.69 0.00	87.01 1.87 0.00	83.87 1.89 0.00	71.21 1.40 0.00	60.48 1.25 0.00	52.42 0.93 0.00	46.30 0.69 0.00	44.70 0.79 0.00
BEAVER RIVER___HYD 24048	36.75 -0.11 0.00	34.07 0.03 0.00	33.91 0.07 0.00	33.69 0.00 0.00	35.05 0.07 0.00	40.16 0.28 0.00	57.33 0.45 0.00	65.58 0.58 0.00	51.83 0.36 0.00	41.28 -0.12 0.00	39.17 0.08 0.00	36.54 -0.11 0.00	38.76 -0.08 0.00	38.68 -0.19 0.00	41.05 -0.37 0.00	50.23 0.45 0.00	71.38 0.91 0.00	86.59 1.45 0.00	83.62 1.64 0.00	71.56 1.75 0.00	60.65 1.42 0.00	53.14 1.65 0.00	46.98 1.37 0.00	45.14 1.23 0.00
BEEBEE_GT_13 23619	35.64 -1.22 0.00	32.74 -1.29 0.00	32.69 -1.15 0.00	32.54 -1.15 0.00	34.14 -0.84 0.00	38.40 -1.48 0.00	54.09 -2.79 0.00	62.07 -2.92 0.00	49.31 -2.16 0.00	40.37 -1.04 0.00	38.51 -0.59 0.00	36.25 -0.40 0.00	37.99 -0.85 0.00	37.90 -0.97 0.00	40.31 -1.12 0.00	47.84 -1.94 0.00	67.93 -2.54 0.00	81.65 -3.49 0.00	78.62 -3.36 0.00	67.23 -2.58 0.00	56.39 -2.84 0.00	49.48 -2.01 0.00	43.93 -1.69 0.00	42.37 -1.54 0.00
BENSHRST_27_KV_BENSHRST_I 355998	39.97 3.10 -0.01	36.80 2.76 -0.01	36.42 2.57 -0.01	36.30 2.59 -0.01	37.66 2.66 -0.01	43.00 3.11 -0.01	60.87 3.98 -0.01	69.37 4.35 -0.02	55.03 3.55 -0.02	49.90 2.61 -5.88	42.54 2.54 -0.90	44.09 2.53 -4.91	44.42 2.56 -3.02	44.30 2.57 -2.86	45.77 2.78 -1.56	53.36 3.58 0.00	74.97 4.51 0.00	90.84 5.70 0.00	87.23 5.25 0.00	74.00 4.19 0.00	62.90 3.67 0.00	55.04 3.55 0.00	48.92 3.28 -0.01	46.91 2.99 -0.01
BETHLEHEM___GRP 23843	37.59 0.74 0.00	34.81 0.78 0.00	34.55 0.71 0.00	34.40 0.71 0.00	35.58 0.59 0.00	40.51 0.64 0.00	57.73 0.85 0.00	65.91 0.91 0.00	51.98 0.51 0.00	41.66 0.25 0.00	39.14 0.04 0.00	36.91 0.26 0.00	39.00 0.16 0.00	39.02 0.16 0.00	41.59 0.17 0.00	50.13 0.35 0.00	71.10 0.63 0.00	85.74 0.60 0.00	82.56 0.57 0.00	70.16 0.35 0.00	59.64 0.41 0.00	51.64 0.15 0.00	45.66 0.05 0.00	44.13 0.22 0.00
BETHLEHEM___GS1 323560	37.59 0.74 0.00	34.82 0.78 0.00	34.55 0.71 0.00	34.40 0.71 0.00	35.61 0.63 0.00	40.55 0.68 0.00	57.74 0.85 0.00	65.91 0.91 0.00	51.83 0.36 0.00	41.66 0.25 0.00	39.14 0.04 0.00	36.87 0.22 0.00	38.96 0.12 0.00	39.02 0.16 0.00	41.64 0.21 0.00	50.13 0.35 0.00	71.09 0.63 0.00	85.74 0.60 0.00	82.56 0.58 0.00	70.17 0.35 0.00	59.59 0.36 0.00	51.64 0.15 0.00	45.66 0.05 0.00	44.09 0.18 0.00
BETHLEHEM___GS2 323561	37.59 0.74 0.00	34.82 0.78 0.00	34.55 0.71 0.00	34.40 0.71 0.00	35.61 0.63 0.00	40.55 0.68 0.00	57.74 0.85 0.00	65.91 0.91 0.00	51.83 0.36 0.00	41.66 0.25 0.00	39.14 0.04 0.00	36.87 0.22 0.00	38.96 0.12 0.00	39.02 0.16 0.00	41.64 0.21 0.00	50.13 0.35 0.00	71.09 0.63 0.00	85.74 0.60 0.00	82.56 0.58 0.00	70.17 0.35 0.00	59.59 0.36 0.00	51.64 0.15 0.00	45.66 0.05 0.00	44.09 0.18 0.00
BETHLEHEM___GS3 323562	37.59 0.74 0.00	34.82 0.78 0.00	34.55 0.71 0.00	34.40 0.71 0.00	35.61 0.63 0.00	40.55 0.68 0.00	57.74 0.85 0.00	65.91 0.91 0.00	51.83 0.36 0.00	41.66 0.25 0.00	39.14 0.04 0.00	36.87 0.22 0.00	38.96 0.12 0.00	39.02 0.16 0.00	41.64 0.21 0.00	50.13 0.35 0.00	71.09 0.63 0.00	85.74 0.60 0.00	82.56 0.58 0.00	70.17 0.35 0.00	59.59 0.36 0.00	51.64 0.15 0.00	45.66 0.05 0.00	44.09 0.18 0.00
BETHLEHEM___STEEL 23779	34.35 -2.51 0.00	31.51 -2.52 0.00	31.60 -2.23 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.64 -3.23 0.00	51.25 -5.63 0.00	59.21 -5.78 0.00	46.83 -4.63 0.00	38.96 -2.44 0.00	37.38 -1.72 0.00	35.26 -1.39 0.00	36.59 -2.25 0.00	36.61 -2.25 0.00	38.90 -2.53 0.00	45.75 -4.03 0.00	65.39 -5.07 0.00	78.41 -6.73 0.00	75.83 -6.15 0.00	65.00 -4.82 0.00	54.37 -4.86 0.00	47.99 -3.50 0.00	42.74 -2.87 0.00	41.32 -2.59 0.00
BETHLHEM_115KV_TB1 79974	37.67 0.81 0.00	34.81 0.78 0.00	34.58 0.74 0.00	34.43 0.74 0.00	35.65 0.66 0.00	40.59 0.72 0.00	57.79 0.91 0.00	66.04 1.04 0.00	52.03 0.57 0.00	41.74 0.33 0.00	39.25 0.16 0.00	36.98 0.33 0.00	39.07 0.23 0.00	39.10 0.23 0.00	41.72 0.29 0.00	50.23 0.45 0.00	71.24 0.78 0.00	85.91 0.77 0.00	82.72 0.74 0.00	70.30 0.49 0.00	59.76 0.53 0.00	51.75 0.26 0.00	45.75 0.14 0.00	44.22 0.31 0.00
BETHPAGE_CC_5 323564	39.25 2.39 0.00	36.07 2.04 0.00	35.53 1.69 0.00	35.31 1.62 0.00	36.63 1.64 0.00	41.55 1.67 0.00	59.21 2.33 0.00	67.07 2.08 0.01	47.81 1.60 5.26	40.74 3.06 3.73	42.15 3.21 0.15	40.02 3.19 -0.18	42.08 3.22 -0.02	42.23 3.27 -0.10	45.09 3.60 -0.06	52.17 2.39 0.00	74.20 3.73 0.00	89.39 4.26 0.00	86.24 4.26 0.00	74.22 4.40 0.00	62.49 3.26 0.00	54.27 2.78 0.00	47.39 1.78 0.00	45.36 1.45 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.28 -2.58 0.00	31.45 -2.59 0.00	31.54 -2.30 0.00	31.40 -2.29 0.00	33.13 -1.85 0.00	36.64 -3.23 0.00	51.31 -5.57 0.00	59.34 -5.65 0.00	46.94 -4.53 0.00	39.01 -2.40 0.00	37.42 -1.68 0.00	35.29 -1.36 0.00	36.63 -2.21 0.00	36.65 -2.22 0.00	38.94 -2.49 0.00	45.85 -3.93 0.00	65.60 -4.86 0.00	78.75 -6.39 0.00	76.24 -5.74 0.00	65.28 -4.54 0.00	54.61 -4.62 0.00	48.19 -3.30 0.00	42.93 -2.69 0.00	41.41 -2.50 0.00
BINGHAMTON___COGEN 23790	36.78 -0.07 0.00	33.96 -0.07 0.00	33.80 -0.03 0.00	33.66 -0.03 0.00	35.05 0.07 0.00	39.80 -0.08 0.00	56.65 -0.23 0.00	64.87 -0.13 0.00	51.36 -0.10 0.00	41.53 0.12 0.00	39.33 0.23 0.00	36.98 0.33 0.00	38.92 0.08 0.00	38.99 0.12 0.00	41.47 0.04 0.00	49.58 -0.20 0.00	70.39 -0.07 0.00	85.05 -0.09 0.00	81.90 -0.08 0.00	69.81 0.00 0.00	58.99 -0.24 0.00	51.49 0.00 0.00	45.57 -0.05 0.00	43.78 -0.13 0.00

BIXINCNT_115KV_LOAD 355685	33.21 -3.65 0.00	30.46 -3.57 0.00	30.66 -3.18 0.00	30.59 -3.10 0.00	32.39 -2.59 0.00	35.97 -3.91 0.00	50.68 -6.20 0.00	58.76 -6.24 0.00	46.37 -5.10 0.00	38.47 -2.94 0.00	36.87 -2.23 0.00	34.82 -1.83 0.00	36.16 -2.68 0.00	36.15 -2.72 0.00	38.53 -2.90 0.00	45.50 -4.28 0.00	65.60 -4.86 0.00	79.26 -5.87 0.00	76.74 -5.25 0.00	65.77 -4.05 0.00	55.08 -4.15 0.00	48.50 -2.99 0.00	43.29 -2.33 0.00	41.58 -2.33 0.00
BLACK RIVER___HYD 24047	36.86 0.00 0.00	34.20 0.17 0.00	34.08 0.24 0.00	33.83 0.14 0.00	35.23 0.25 0.00	40.39 0.52 0.00	57.68 0.80 0.00	65.98 0.98 0.00	52.09 0.62 0.00	41.41 0.00 0.00	39.29 0.20 0.00	36.69 0.04 0.00	38.80 -0.04 0.00	38.68 -0.19 0.00	40.97 -0.45 0.00	50.13 0.35 0.00	71.59 1.12 0.00	86.84 1.70 0.00	84.11 2.13 0.00	71.98 2.17 0.00	60.95 1.72 0.00	53.29 1.80 0.00	47.03 1.42 0.00	45.10 1.19 0.00
BLACKRVR_115KV_TB2 79977	36.86 0.00 0.00	34.20 0.17 0.00	34.08 0.24 0.00	33.82 0.13 0.00	35.23 0.24 0.00	40.39 0.52 0.00	57.68 0.80 0.00	65.97 0.97 0.00	52.03 0.57 0.00	41.41 0.00 0.00	39.29 0.20 0.00	36.65 0.00 0.00	38.80 -0.04 0.00	38.67 -0.19 0.00	41.01 -0.41 0.00	50.13 0.35 0.00	71.59 1.13 0.00	86.84 1.70 0.00	84.11 2.13 0.00	71.98 2.16 0.00	60.89 1.66 0.00	53.29 1.80 0.00	47.03 1.41 0.00	45.10 1.19 0.00
BLDWN_LI_69_KV_BK4 356085	39.43 2.58 0.00	36.21 2.18 0.00	35.70 1.86 0.00	35.48 1.79 0.00	36.91 1.92 0.00	42.03 2.15 0.00	59.67 2.79 0.00	67.66 2.66 0.00	50.41 2.06 3.12	42.50 3.31 2.22	42.51 3.48 0.06	40.30 3.44 -0.21	42.44 3.50 -0.10	42.50 3.54 -0.10	45.30 3.81 -0.06	52.52 2.74 0.00	74.86 4.37 -0.02	89.91 4.77 0.00	86.66 4.67 0.00	74.94 5.10 -0.02	63.10 3.85 -0.02	55.01 3.50 -0.02	47.85 2.24 0.00	46.02 2.11 0.00
BLISS_WT_PWR 323608	32.87 -3.98 0.00	30.15 -3.88 0.00	30.35 -3.48 0.00	30.32 -3.37 0.00	32.15 -2.83 0.00	35.85 -4.03 0.00	50.34 -6.54 0.00	58.37 -6.63 0.00	46.73 -4.73 0.00	38.26 -3.15 0.00	36.67 -2.42 0.00	34.74 -1.91 0.00	35.97 -2.87 0.00	35.95 -2.92 0.00	38.32 -3.11 0.00	45.30 -4.48 0.00	65.46 -5.00 0.00	79.18 -5.96 0.00	76.66 -5.33 0.00	65.76 -4.05 0.00	55.68 -3.55 0.00	48.61 -2.88 0.00	43.34 -2.28 0.00	41.85 -2.06 0.00
BLUESTONE___WT_PWR 323821	37.33 0.48 0.00	34.57 0.54 0.00	34.51 0.68 0.00	34.33 0.64 0.00	35.79 0.81 0.00	40.99 1.11 0.00	58.47 1.59 0.00	66.89 1.89 0.00	52.91 1.44 0.00	42.32 0.91 0.00	40.19 1.09 0.00	37.71 1.06 0.00	39.77 0.93 0.00	39.76 0.89 0.00	42.26 0.83 0.00	51.37 1.59 0.00	73.64 3.17 0.00	89.65 4.51 0.00	86.41 4.42 0.00	73.86 4.05 0.00	62.43 3.20 0.00	54.16 2.68 0.00	47.85 2.23 0.00	45.93 2.02 0.00
BLUE_CIRC_CHEM_DRP 24182	37.96 1.11 0.00	35.12 1.09 0.00	34.89 1.05 0.00	34.70 1.01 0.00	35.96 0.98 0.00	40.99 1.12 0.00	58.36 1.48 0.00	66.56 1.56 0.00	52.39 0.93 0.00	41.95 0.54 0.00	39.41 0.31 0.00	37.12 0.48 0.00	39.23 0.39 0.00	39.26 0.39 0.00	41.93 0.50 0.00	50.58 0.80 0.00	71.94 1.48 0.00	86.76 1.62 0.00	83.62 1.64 0.00	71.07 1.26 0.00	60.41 1.18 0.00	52.36 0.88 0.00	46.30 0.68 0.00	44.75 0.83 0.00
BOC_GAS_DRP 24189	37.70 0.85 0.00	34.85 0.82 0.00	34.62 0.78 0.00	34.46 0.77 0.00	35.68 0.70 0.00	40.67 0.80 0.00	57.96 1.08 0.00	66.17 1.17 0.00	52.29 0.82 0.00	41.95 0.54 0.00	39.49 0.39 0.00	37.20 0.55 0.00	39.31 0.47 0.00	39.34 0.47 0.00	41.97 0.54 0.00	50.48 0.70 0.00	71.45 0.99 0.00	86.16 1.02 0.00	82.97 0.98 0.00	70.58 0.77 0.00	59.94 0.71 0.00	52.00 0.51 0.00	46.03 0.41 0.00	44.39 0.48 0.00
BOONVILLE_115KV_TB1 79983	37.19 0.33 0.00	34.44 0.41 0.00	34.28 0.44 0.00	34.09 0.40 0.00	35.47 0.49 0.00	40.55 0.68 0.00	57.90 1.02 0.00	66.17 1.17 0.00	52.29 0.82 0.00	41.82 0.41 0.00	39.60 0.51 0.00	37.09 0.44 0.00	39.27 0.43 0.00	39.22 0.35 0.00	41.68 0.25 0.00	50.73 0.95 0.00	72.15 1.69 0.00	87.18 2.04 0.00	84.11 2.13 0.00	71.77 1.95 0.00	60.83 1.60 0.00	53.03 1.54 0.00	46.85 1.23 0.00	45.05 1.14 0.00
BORALEX_4TH_BRANCH 23824	38.66 1.81 0.00	35.73 1.70 0.00	35.46 1.62 0.00	35.27 1.58 0.00	36.52 1.54 0.00	41.75 1.87 0.00	59.50 2.62 0.00	67.99 2.99 0.00	53.53 2.06 0.00	42.40 0.99 0.00	39.53 0.43 0.00	37.45 0.81 0.00	39.54 0.70 0.00	39.57 0.70 0.00	42.22 0.79 0.00	51.22 1.44 0.00	72.65 2.18 0.00	87.52 2.38 0.00	84.20 2.21 0.00	71.56 1.75 0.00	61.13 1.90 0.00	52.36 0.88 0.00	46.39 0.78 0.00	45.23 1.32 0.00
BOWLINE___1 23526	38.95 2.10 0.00	35.87 1.84 0.00	35.50 1.66 0.00	35.34 1.65 0.00	36.66 1.68 0.00	41.87 1.99 0.00	59.84 2.96 0.00	68.31 3.31 0.00	54.04 2.57 0.00	43.60 2.19 0.00	41.21 2.11 0.00	38.77 2.12 0.00	40.98 2.13 0.00	41.01 2.14 0.00	43.75 2.32 0.00	52.22 2.44 0.00	73.84 3.38 0.00	89.39 4.26 0.00	85.84 3.85 0.00	72.88 3.07 0.00	61.72 2.49 0.00	53.81 2.32 0.00	47.58 1.96 0.00	45.54 1.63 0.00
BOWLINE___2 23595	38.95 2.10 0.00	35.87 1.84 0.00	35.50 1.66 0.00	35.34 1.65 0.00	36.66 1.68 0.00	41.87 1.99 0.00	59.78 2.90 0.00	68.31 3.31 0.00	54.04 2.57 0.00	43.60 2.19 0.00	41.21 2.11 0.00	38.77 2.12 0.00	40.98 2.13 0.00	41.01 2.14 0.00	43.75 2.32 0.00	52.22 2.44 0.00	73.84 3.38 0.00	89.39 4.26 0.00	85.84 3.85 0.00	72.81 3.00 0.00	61.72 2.49 0.00	53.81 2.32 0.00	47.58 1.96 0.00	45.54 1.63 0.00
BRADY___115KV_TB2 356060	37.30 0.44 0.00	34.47 0.44 0.00	34.31 0.47 0.00	34.20 0.51 0.00	35.54 0.56 0.00	40.75 0.88 0.00	58.36 1.48 0.00	66.49 1.49 0.00	52.55 1.08 0.00	42.07 0.66 0.00	39.80 0.70 0.00	36.91 0.26 0.00	39.50 0.66 0.00	39.49 0.62 0.00	42.09 0.66 0.00	50.82 1.05 0.00	71.80 1.34 0.00	87.35 2.21 0.00	84.44 2.46 0.00	72.05 2.23 0.00	61.42 2.19 0.00	53.44 1.96 0.00	47.49 1.87 0.00	45.62 1.71 0.00
BRANSCOMB___SOLAR 323811	38.29 1.44 0.00	35.43 1.40 0.00	35.19 1.35 0.00	35.00 1.31 0.00	36.28 1.30 0.00	41.51 1.64 0.00	59.10 2.22 0.00	67.53 2.53 0.00	52.65 1.18 0.00	42.07 0.66 0.00	39.45 0.35 0.00	37.16 0.51 0.00	39.27 0.43 0.00	39.26 0.39 0.00	41.93 0.50 0.00	50.83 1.05 0.00	72.65 2.19 0.00	87.78 2.64 0.00	84.61 2.62 0.00	71.84 2.03 0.00	61.12 1.89 0.00	52.82 1.34 0.00	46.71 1.09 0.00	45.23 1.32 0.00
BRDGHMPT_69_KV_BK1 55812	39.29 2.43 0.00	36.14 2.11 0.00	35.50 1.66 0.00	35.21 1.52 0.00	36.63 1.64 0.00	41.71 1.83 0.00	58.47 1.59 0.00	65.13 0.13 0.00	44.55 0.00 6.91	34.94 1.74 8.21	37.00 1.92 4.01	37.62 1.91 0.93	37.18 1.98 3.64	40.91 1.98 -0.06	43.85 2.36 -0.06	50.58 0.80 0.00	72.15 1.69 0.00	87.10 1.96 0.00	84.20 2.21 0.00	72.60 2.79 0.00	60.94 1.72 0.00	53.13 1.65 0.00	45.98 0.36 0.00	44.53 0.61 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	39.58 2.73 0.00	36.35 2.31 0.00	35.77 1.93 0.00	35.58 1.89 0.00	37.01 2.03 0.00	42.11 2.23 0.00	59.67 2.79 0.00	67.40 2.40 0.00	45.80 1.18 6.85	39.83 3.23 4.81	42.11 3.44 0.43	40.12 3.37 -0.10	42.06 3.46 0.24	42.46 3.50 -0.09	45.34 3.85 -0.06	52.32 2.54 0.00	74.62 4.16 0.00	89.74 4.60 0.00	86.74 4.75 0.00	74.91 5.10 0.00	62.96 3.73 0.00	54.83 3.35 0.00	47.67 2.05 0.00	45.93 2.02 0.00
BRISTLHL_115KV_TB1 79998	35.90 -0.96 0.00	33.18 -0.85 0.00	33.03 -0.81 0.00	32.85 -0.84 0.00	34.18 -0.80 0.00	38.84 -1.04 0.00	55.29 -1.59 0.00	63.31 -1.69 0.00	50.18 -1.29 0.00	40.46 -0.95 0.00	38.24 -0.86 0.00	35.95 -0.70 0.00	37.91 -0.93 0.00	37.94 -0.93 0.00	40.39 -1.04 0.00	48.39 -1.39 0.00	68.56 -1.90 0.00	82.76 -2.38 0.00	79.69 -2.30 0.00	67.86 -1.95 0.00	57.45 -1.78 0.00	50.10 -1.39 0.00	44.34 -1.28 0.00	42.64 -1.27 0.00
BROOKHAVEN___DRP 24191	38.99 2.14 0.00	35.94 1.91 0.00	35.33 1.49 0.00	35.10 1.41 0.00	36.52 1.54 0.00	41.55 1.67 0.00	58.53 1.65 0.00	65.45 0.45 0.00	44.87 0.31 6.91	35.26 2.07 8.22	37.27 2.19 4.02	37.95 2.24 0.93	37.45 2.25 3.64	41.22 2.29 -0.06	44.10 2.61 -0.06	50.82 1.05 0.00	72.36 1.90 0.00	87.18 2.04 0.00	84.28 2.30 0.00	72.74 2.93 0.00	61.12 1.90 0.00	53.34 1.85 0.00	46.26 0.64 0.00	44.61 0.70 0.00
BROOKLYN_NAVY_YARD 23515	39.40 2.54 -0.01	36.25 2.21 -0.01	35.84 2.00 -0.01	35.68 1.99 -0.01	37.02 2.03 -0.01	42.31 2.43 -0.01	60.53 3.64 -0.01	69.23 4.22 -0.01	54.88 3.40 -0.01	50.23 3.02 -5.80	42.87 2.89 -0.88	44.35 2.86 -4.85	44.22 2.91 -2.46	44.12 2.92 -2.34	46.15 3.19 -1.54	53.01 3.23 0.00	74.83 4.37 0.00	90.67 5.53 0.00	87.07 5.08 0.00	73.86 4.05 0.00	62.54 3.31 0.00	54.53 3.04 0.00	48.13 2.51 -0.01	46.02 2.11 0.00
BROOKLYN___ARMY_DRP 323595	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.51 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
BROOME_2_LFGE 323671	36.78 -0.07 0.00	33.96 -0.07 0.00	33.80 -0.03 0.00	33.66 -0.03 0.00	35.05 0.07 0.00	39.84 -0.04 0.00	56.65 -0.23 0.00	64.87 -0.13 0.00	51.47 0.00 0.00	41.53 0.12 0.00	39.33 0.24 0.00	37.01 0.37 0.00	38.96 0.12 0.00	38.99 0.12 0.00	41.43 0.00 0.00	49.58 -0.20 0.00	70.39 -0.07 0.00	84.97 -0.17 0.00	81.90 -0.08 0.00	69.81 0.00 0.00	59.17 -0.06 0.00	51.49 0.00 0.00	45.57 -0.05 0.00	43.82 -0.09 0.00
BROOME___LFGE 323600	36.78 -0.07 0.00	33.96 -0.07 0.00	33.80 -0.03 0.00	33.66 -0.03 0.00	35.05 0.07 0.00	39.84 -0.04 0.00	56.65 -0.23 0.00	64.87 -0.13 0.00	51.47 0.00 0.00	41.53 0.12 0.00	39.33 0.24 0.00	37.01 0.37 0.00	38.96 0.12 0.00	38.99 0.12 0.00	41.43 0.00 0.00	49.58 -0.20 0.00	70.39 -0.07 0.00	84.97 -0.17 0.00	81.90 -0.08 0.00	69.81 0.00 0.00	59.17 -0.06 0.00	51.49 0.00 0.00	45.57 -0.05 0.00	43.82 -0.09 0.00
BROWNFLS_115KV_TB 3_5 80003	36.82 -0.04 0.00	34.10 0.07 0.00	33.94 0.10 0.00	33.79 0.10 0.00	35.05 0.07 0.00	40.15 0.28 0.00	57.45 0.57 0.00	65.71 0.71 0.00	51.93 0.46 0.00	41.49 0.08 0.00	39.33 0.23 0.00	36.61 -0.04 0.00	39.00 0.16 0.00	38.87 0.00 0.00	41.30 -0.12 0.00	50.18 0.40 0.00	70.96 0.49 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.33 0.00	60.41 1.18 0.00	53.03 1.54 0.00	47.08 1.46 0.00	45.19 1.27 0.00
BROWNSV1_27_KV_LOAD 356125	39.70 2.84 -0.01	36.52 2.48 -0.01	36.11 2.27 -0.01	35.95 2.26 -0.01	37.30 2.31 -0.01	42.67 2.79 -0.01	60.93 4.04 -0.01	69.69 4.68 -0.01	55.24 3.76 -0.01	50.46 3.23 -5.82	43.11 3.13 -0.89	44.62 3.12 -4.86	44.46 3.15 -2.47	44.36 3.15 -2.35	46.37 3.40 -1.54	53.36 3.58 0.00	75.39 4.93 0.00	91.27 6.13 0.00	87.64 5.66 0.00	74.35 4.54 0.00	63.02 3.79 0.00	54.89 3.40 0.00	48.50 2.87 -0.01	46.46 2.55 0.00
BURROWS___LYONSDAL 23803	37.04 0.18 0.00	34.30 0.27 0.00	34.14 0.30 0.00	33.96 0.27 0.00	35.30 0.31 0.00	40.39 0.52 0.00	57.68 0.80 0.00	65.91 0.91 0.00	52.08 0.62 0.00	41.62 0.21 0.00	39.45 0.35 0.00	36.91 0.26 0.00	39.07 0.23 0.00	39.02 0.16 0.00	41.47 0.04 0.00	50.58 0.80 0.00	71.94 1.48 0.00	87.01 1.87 0.00	83.95 1.97 0.00	71.70 1.88 0.00	60.71 1.48 0.00	53.03 1.54 0.00	46.89 1.28 0.00	45.05 1.14 0.00
CAITHNESS_CC_1 323624	39.03 2.17 0.00	35.94 1.90 0.00	35.33 1.49 0.00	35.10 1.41 0.00	36.35 1.36 0.00	41.27 1.39 0.00	58.53 1.65 0.00	65.64 0.65 0.01	44.97 0.41 6.90	35.38 2.19 8.22	37.42 2.35 4.02	38.09 2.38 0.93	37.60 2.41 3.65	41.38 2.45 -0.06	44.31 2.82 -0.06	50.97 1.19 0.00	72.57 2.11 0.00	87.61 2.47 0.00	84.61 2.62 0.00	72.81 3.00 0.00	61.24 2.01 0.00	53.18 1.70 0.00	46.34 0.73 0.00	44.39 0.48 0.00
CALPINE BETH_PAGE_GT4 24209	39.25 2.40 0.00	36.04 2.01 0.00	35.50 1.66 0.00	35.31 1.62 0.00	36.70 1.71 0.00	41.79 1.91 0.00	59.27 2.39 0.00	67.21 2.21 0.00	48.52 1.70 4.65	41.14 3.02 3.29	42.24 3.21 0.06	40.05 3.19 -0.21	42.17 3.22 -0.10	42.23 3.26 -0.10	45.05 3.56 -0.06	52.22 2.44 0.00	74.27 3.80 -0.01	89.31 4.17 0.00	86.16 4.18 0.00	74.36 4.54 -0.01	62.61 3.38 -0.01	54.64 3.14 -0.01	47.58 1.96 0.00	45.80 1.89 0.00
CALPINE_BETH_PAGE_GT_4 323586	39.25 2.39 0.00	36.04 2.01 0.00	35.50 1.66 0.00	35.31 1.62 0.00	36.63 1.64 0.00	41.55 1.67 0.00	59.27 2.39 0.00	67.21 2.21 0.01	48.47 1.65 4.65	41.14 3.02 3.29	42.24 3.21 0.06	40.05 3.19 -0.21	42.17 3.22 -0.10	42.23 3.27 -0.10	45.09 3.60 -0.06	52.22 2.44 0.00	74.27 3.80 -0.01	89.48 4.34 0.00	86.32 4.34 0.00	74.29 4.47 -0.01	62.55 3.31 -0.01	54.32 2.83 -0.01	47.44 1.83 0.00	45.36 1.45 0.00
CALPINE_BP_GT1 23823	39.25 2.39 0.00	36.04 2.01 0.00	35.50 1.66 0.00	35.31 1.62 0.00	36.63 1.64 0.00	41.55 1.67 0.00	59.27 2.39 0.00	67.21 2.21 0.01	48.47 1.65 4.65	41.14 3.02 3.29	42.24 3.21 0.06	40.05 3.19 -0.21	42.17 3.22 -0.10	42.23 3.27 -0.10	45.09 3.60 -0.06	52.22 2.44 0.00	74.27 3.80 -0.01	89.48 4.34 0.00	86.32 4.34 0.00	74.29 4.47 -0.01	62.55 3.31 -0.01	54.32 2.83 -0.01	47.44 1.83 0.00	45.36 1.45 0.00
CALSPAN___DRP 24200	34.35 -2.51 0.00	31.51 -2.52 0.00	31.60 -2.23 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.64 -3.23 0.00	51.25 -5.63 0.00	59.21 -5.78 0.00	46.83 -4.63 0.00	38.96 -2.44 0.00	37.38 -1.72 0.00	35.26 -1.39 0.00	36.59 -2.25 0.00	36.61 -2.25 0.00	38.90 -2.53 0.00	45.75 -4.03 0.00	65.39 -5.07 0.00	78.41 -6.73 0.00	75.83 -6.15 0.00	65.00 -4.82 0.00	54.37 -4.86 0.00	47.99 -3.50 0.00	42.74 -2.87 0.00	41.32 -2.59 0.00

CALVERTON___SOLAR 323806	39.03 2.17 0.00	35.97 1.94 0.00	35.36 1.52 0.00	35.14 1.45 0.00	36.35 1.36 0.00	41.31 1.43 0.00	58.47 1.59 0.00	65.25 0.26 0.01	44.66 0.10 6.91	35.14 1.95 8.22	37.11 2.03 4.02	37.77 2.05 0.93	37.33 2.13 3.64	41.06 2.14 -0.06	44.02 2.53 -0.06	50.68 0.90 0.00	72.22 1.76 0.00	87.27 2.13 0.00	84.36 2.38 0.00	72.61 2.80 0.00	61.00 1.78 0.00	52.98 1.49 0.00	46.12 0.50 0.00	44.18 0.27 0.00
CANDIGU_WT_PWR 323617	34.42 -2.43 0.00	31.68 -2.35 0.00	31.77 -2.07 0.00	31.67 -2.02 0.00	33.31 -1.68 0.00	37.32 -2.55 0.00	52.50 -4.38 0.00	60.52 -4.48 0.00	48.12 -3.34 0.00	39.25 -2.15 0.00	37.57 -1.53 0.00	35.44 -1.21 0.00	36.82 -2.02 0.00	36.81 -2.06 0.00	39.07 -2.36 0.00	46.29 -3.49 0.00	66.16 -4.30 0.00	79.94 -5.20 0.00	77.23 -4.76 0.00	66.33 -3.49 0.00	56.03 -3.20 0.00	48.92 -2.57 0.00	43.61 -2.01 0.00	42.11 -1.80 0.00
CARR STREET_E_SYR 24060	36.23 -0.63 0.00	33.45 -0.58 0.00	33.30 -0.54 0.00	33.12 -0.57 0.00	34.49 -0.49 0.00	39.20 -0.68 0.00	55.80 -1.08 0.00	63.89 -1.11 0.00	50.75 -0.72 0.00	40.87 -0.54 0.00	38.63 -0.47 0.00	36.35 -0.29 0.00	38.30 -0.54 0.00	38.32 -0.54 0.00	40.81 -0.62 0.00	48.83 -0.95 0.00	69.12 -1.34 0.00	83.44 -1.70 0.00	80.26 -1.73 0.00	68.42 -1.40 0.00	57.93 -1.30 0.00	50.40 -1.08 0.00	44.71 -0.91 0.00	43.03 -0.88 0.00
CARTHAGE___PAPER 23857	36.82 -0.04 0.00	34.13 0.10 0.00	34.01 0.17 0.00	33.76 0.07 0.00	35.16 0.18 0.00	40.31 0.44 0.00	57.62 0.74 0.00	65.84 0.84 0.00	51.98 0.51 0.00	41.37 -0.04 0.00	39.21 0.12 0.00	36.58 -0.07 0.00	38.76 -0.08 0.00	38.68 -0.19 0.00	41.01 -0.41 0.00	50.23 0.45 0.00	71.52 1.06 0.00	86.84 1.70 0.00	84.03 2.05 0.00	71.91 2.09 0.00	60.89 1.66 0.00	53.34 1.85 0.00	47.12 1.50 0.00	45.19 1.27 0.00
CASSADAGA_WT_PWR 323784	33.13 -3.72 0.00	30.53 -3.50 0.00	30.59 -3.25 0.00	30.56 -3.13 0.00	32.25 -2.73 0.00	36.05 -3.83 0.00	50.68 -6.20 0.00	58.96 -6.04 0.00	47.45 -4.01 0.00	39.01 -2.40 0.00	37.53 -1.57 0.00	35.66 -0.99 0.00	37.06 -1.79 0.00	37.12 -1.75 0.00	39.44 -1.99 0.00	46.49 -3.29 0.00	66.79 -3.67 0.00	80.62 -4.51 0.00	77.80 -4.18 0.00	66.67 -3.14 0.00	56.33 -2.90 0.00	49.12 -2.37 0.00	43.61 -2.01 0.00	42.07 -1.84 0.00
CE_DUNWOOD___DRP 24194	39.14 2.29 0.00	36.01 1.97 0.00	35.63 1.79 0.00	35.48 1.79 0.00	36.80 1.82 0.00	42.07 2.19 0.00	60.01 3.13 0.00	68.57 3.57 0.00	54.35 2.88 0.00	44.00 2.40 -0.19	41.47 2.35 -0.03	39.16 2.35 -0.16	41.29 2.37 -0.08	41.32 2.37 -0.08	44.05 2.57 -0.05	52.52 2.74 0.00	74.27 3.80 0.00	89.82 4.68 0.00	86.25 4.26 0.00	73.24 3.42 0.00	62.01 2.78 0.00	54.06 2.57 0.00	47.76 2.14 0.00	45.80 1.89 0.00
CE_MILLWOOD___DRP 24193	39.07 2.21 0.00	35.97 1.94 0.00	35.56 1.73 0.00	35.44 1.75 0.00	36.77 1.78 0.00	42.03 2.15 0.00	59.95 3.07 0.00	68.44 3.44 0.00	54.25 2.78 0.00	43.89 2.32 -0.16	41.39 2.27 -0.02	39.05 2.27 -0.13	41.20 2.29 -0.07	41.23 2.29 -0.06	43.96 2.49 -0.04	52.42 2.64 0.00	74.13 3.66 0.00	89.65 4.51 0.00	86.08 4.10 0.00	73.10 3.28 0.00	61.95 2.72 0.00	53.96 2.47 0.00	47.72 2.10 0.00	45.71 1.80 0.00
CE_NYC2_DRP 24202	39.59 2.73 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.55 2.67 -0.01	60.53 3.64 -0.01	69.04 4.03 -0.02	54.83 3.35 -0.02	51.39 2.73 -7.25	42.82 2.62 -1.11	45.34 2.64 -6.06	44.56 2.64 -3.08	44.47 2.68 -2.92	46.25 2.90 -1.92	53.06 3.29 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.82 4.84 0.00	73.58 3.77 0.00	62.43 3.20 0.00	54.58 3.09 0.00	48.36 2.74 -0.01	46.42 2.50 -0.01
CE_NYC_DRP 24195	39.51 2.65 -0.01	36.35 2.31 -0.01	35.94 2.10 -0.01	35.78 2.09 -0.01	37.12 2.13 -0.01	42.47 2.59 -0.01	60.64 3.75 -0.01	69.30 4.29 -0.01	54.93 3.45 -0.01	49.96 2.98 -5.57	42.84 2.89 -0.85	44.19 2.90 -4.65	44.12 2.91 -2.36	44.07 2.95 -2.24	46.05 3.15 -1.47	53.11 3.34 0.00	74.97 4.51 0.00	90.76 5.62 0.00	87.07 5.08 0.00	73.93 4.12 0.00	62.61 3.38 0.00	54.58 3.09 0.00	48.22 2.60 -0.01	46.19 2.28 0.00
CHAFFEE___LFGE 323603	34.39 -2.47 0.00	31.62 -2.42 0.00	31.64 -2.20 0.00	31.53 -2.16 0.00	33.24 -1.75 0.00	36.88 -2.99 0.00	51.42 -5.46 0.00	59.41 -5.59 0.00	47.71 -3.75 0.00	39.05 -2.36 0.00	37.49 -1.60 0.00	35.47 -1.17 0.00	36.70 -2.14 0.00	36.69 -2.18 0.00	38.90 -2.53 0.00	45.90 -3.88 0.00	65.60 -4.86 0.00	78.75 -6.39 0.00	76.08 -5.90 0.00	65.28 -4.54 0.00	55.20 -4.03 0.00	48.25 -3.24 0.00	42.93 -2.69 0.00	41.67 -2.24 0.00
CHATEAUG_35_KV_LOAD 355732	35.90 -0.96 0.00	33.08 -0.95 0.00	32.89 -0.95 0.00	32.81 -0.88 0.00	34.11 -0.87 0.00	39.08 -0.80 0.00	56.08 -0.80 0.00	63.96 -1.04 0.00	50.59 -0.87 0.00	40.66 -0.75 0.00	38.43 -0.66 0.00	35.70 -0.95 0.00	38.22 -0.62 0.00	38.29 -0.58 0.00	40.89 -0.54 0.00	49.28 -0.50 0.00	69.62 -0.85 0.00	84.71 -0.43 0.00	81.82 -0.16 0.00	69.81 0.00 0.00	59.53 0.30 0.00	51.80 0.31 0.00	46.21 0.59 0.00	44.44 0.53 0.00
CHATEAUG_WT_PWR 323614	35.90 -0.96 0.00	33.08 -0.95 0.00	32.89 -0.95 0.00	32.81 -0.88 0.00	34.11 -0.87 0.00	39.04 -0.84 0.00	56.03 -0.85 0.00	63.89 -1.11 0.00	50.59 -0.88 0.00	40.66 -0.74 0.00	38.47 -0.63 0.00	35.73 -0.91 0.00	38.26 -0.58 0.00	38.29 -0.58 0.00	40.93 -0.50 0.00	49.28 -0.50 0.00	69.48 -0.99 0.00	84.46 -0.68 0.00	81.57 -0.41 0.00	69.54 -0.28 0.00	59.17 -0.06 0.00	51.59 0.10 0.00	46.07 0.46 0.00	44.31 0.39 0.00
CHAT_HIGH_FALL_HYD 323578	35.90 -0.96 0.00	33.08 -0.95 0.00	32.89 -0.95 0.00	32.81 -0.88 0.00	34.11 -0.87 0.00	39.08 -0.80 0.00	56.08 -0.80 0.00	63.96 -1.04 0.00	50.59 -0.87 0.00	40.66 -0.75 0.00	38.43 -0.66 0.00	35.70 -0.95 0.00	38.22 -0.62 0.00	38.29 -0.58 0.00	40.89 -0.54 0.00	49.28 -0.50 0.00	69.62 -0.85 0.00	84.71 -0.43 0.00	81.82 -0.16 0.00	69.81 0.00 0.00	59.53 0.30 0.00	51.80 0.31 0.00	46.21 0.59 0.00	44.44 0.53 0.00
CHAUTAUQUA___LFGE 323629	34.05 -2.80 0.00	31.34 -2.69 0.00	31.37 -2.47 0.00	31.30 -2.39 0.00	33.03 -1.96 0.00	36.76 -3.11 0.00	51.48 -5.40 0.00	59.61 -5.39 0.00	47.86 -3.60 0.00	39.25 -2.15 0.00	37.73 -1.37 0.00	35.77 -0.88 0.00	37.06 -1.79 0.00	37.08 -1.79 0.00	39.32 -2.11 0.00	46.29 -3.49 0.00	66.30 -4.16 0.00	79.78 -5.36 0.00	77.07 -4.92 0.00	66.11 -3.70 0.00	55.91 -3.32 0.00	48.81 -2.68 0.00	43.38 -2.23 0.00	41.98 -1.93 0.00
CHERRYST_13_KV_LD 356241	39.59 2.73 -0.01	36.42 2.38 -0.01	36.01 2.17 -0.01	35.89 2.19 -0.01	37.23 2.24 -0.01	42.55 2.67 -0.01	60.75 3.87 -0.01	69.50 4.48 -0.01	55.08 3.60 -0.01	50.12 3.15 -5.57	42.99 3.05 -0.85	44.30 3.01 -4.65	44.27 3.07 -2.36	44.18 3.07 -2.24	46.22 3.31 -1.47	53.26 3.48 0.00	75.25 4.79 0.00	91.01 5.87 0.00	87.39 5.41 0.00	74.14 4.33 0.00	62.78 3.55 0.00	54.68 3.19 0.00	48.31 2.69 -0.01	46.28 2.37 0.00

CHESTROR_138KV_BK263 355645	38.70 1.84 0.00	35.67 1.63 0.00	35.33 1.49 0.00	35.17 1.48 0.00	36.49 1.50 0.00	41.71 1.83 0.00	59.50 2.62 0.00	67.92 2.92 0.00	53.73 2.26 0.00	43.27 1.86 0.00	40.89 1.80 0.00	38.48 1.83 0.00	40.67 1.83 0.00	40.70 1.83 0.00	43.42 1.99 0.00	51.92 2.14 0.00	73.49 3.03 0.00	88.97 3.83 0.00	85.43 3.44 0.00	72.61 2.79 0.00	61.48 2.25 0.00	53.65 2.16 0.00	47.44 1.82 0.00	45.49 1.58 0.00
CH_MIDHUDSON___DRP 24192	38.88 2.03 0.00	35.80 1.77 0.00	35.46 1.62 0.00	35.31 1.62 0.00	36.66 1.68 0.00	41.91 2.03 0.00	59.78 2.90 0.00	68.25 3.25 0.00	53.99 2.52 0.00	43.44 2.03 0.00	41.01 1.92 0.00	38.63 1.98 0.00	40.82 1.98 0.00	40.85 1.98 0.00	43.58 2.15 0.00	52.17 2.39 0.00	73.91 3.45 0.00	89.48 4.34 0.00	85.84 3.85 0.00	72.89 3.07 0.00	61.78 2.55 0.00	53.86 2.37 0.00	47.58 1.96 0.00	45.62 1.71 0.00
CH_MISC_IPPS 23765	39.03 2.17 0.00	35.94 1.90 0.00	35.56 1.72 0.00	35.47 1.78 0.00	36.80 1.82 0.00	42.07 2.19 0.00	60.12 3.24 0.00	68.57 3.57 0.00	54.14 2.67 0.00	43.60 2.19 0.00	41.13 2.03 0.00	38.70 2.05 0.00	40.94 2.10 0.00	40.97 2.10 0.00	43.75 2.32 0.00	52.42 2.64 0.00	74.33 3.87 0.00	90.08 4.94 0.00	86.41 4.42 0.00	73.30 3.49 0.00	62.13 2.90 0.00	54.22 2.73 0.00	47.90 2.28 0.00	45.80 1.89 0.00
CH_RES_BVR_FALLS 23983	36.01 -0.85 0.00	33.28 -0.75 0.00	33.13 -0.71 0.00	33.05 -0.64 0.00	34.32 -0.67 0.00	39.20 -0.68 0.00	56.03 -0.85 0.00	63.96 -1.04 0.00	50.64 -0.83 0.00	40.74 -0.66 0.00	38.51 -0.59 0.00	35.99 -0.66 0.00	38.30 -0.54 0.00	38.32 -0.54 0.00	40.93 -0.50 0.00	49.33 -0.45 0.00	69.97 -0.49 0.00	84.80 -0.34 0.00	81.74 -0.25 0.00	69.61 -0.21 0.00	59.05 -0.18 0.00	51.39 -0.10 0.00	45.66 0.05 0.00	43.96 0.04 0.00
CH_RES_NIAGARA 23895	33.83 -3.02 0.00	31.04 -2.99 0.00	31.03 -2.81 0.00	30.89 -2.80 0.00	32.60 -2.38 0.00	35.91 -3.95 0.02	49.88 -7.00 0.00	57.39 -7.60 0.00	45.55 -5.92 0.00	37.97 -3.44 0.00	36.48 -2.62 0.00	34.38 -2.27 0.00	35.62 -3.22 0.00	35.60 -3.26 0.00	37.82 -3.60 0.00	44.50 -5.28 0.00	63.27 -7.19 0.00	75.43 -9.71 0.00	72.88 -9.10 0.00	62.62 -7.19 0.00	52.42 -6.81 0.00	46.39 -5.10 0.00	41.28 -4.33 0.00	40.14 -3.78 0.00
CH_RES_SYRACUSE 23985	36.41 -0.44 0.00	33.63 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.67 -0.32 0.00	39.48 -0.40 0.00	56.14 -0.74 0.00	64.29 -0.71 0.00	51.05 -0.41 0.00	41.12 -0.29 0.00	38.86 -0.23 0.00	36.58 -0.07 0.00	38.53 -0.31 0.00	38.56 -0.31 0.00	41.01 -0.41 0.00	49.23 -0.55 0.00	69.69 -0.77 0.00	84.20 -0.93 0.00	81.00 -0.98 0.00	69.05 -0.77 0.00	58.46 -0.77 0.00	50.87 -0.62 0.00	45.02 -0.59 0.00	43.34 -0.57 0.00
CLINTON_WT_PWR 323605	35.90 -0.96 0.00	33.08 -0.95 0.00	32.89 -0.95 0.00	32.81 -0.88 0.00	34.11 -0.87 0.00	39.04 -0.84 0.00	56.03 -0.85 0.00	63.89 -1.11 0.00	50.59 -0.88 0.00	40.66 -0.74 0.00	38.47 -0.63 0.00	35.73 -0.91 0.00	38.26 -0.58 0.00	38.29 -0.58 0.00	40.93 -0.50 0.00	49.28 -0.50 0.00	69.48 -0.99 0.00	84.46 -0.68 0.00	81.57 -0.41 0.00	69.54 -0.28 0.00	59.17 -0.06 0.00	51.59 0.10 0.00	46.07 0.46 0.00	44.31 0.39 0.00
CLINTON___LFGE 323618	36.08 -0.78 0.00	33.22 -0.82 0.00	33.03 -0.81 0.00	32.98 -0.71 0.00	34.28 -0.70 0.00	39.32 -0.56 0.00	56.42 -0.46 0.00	64.35 -0.65 0.00	50.90 -0.57 0.00	40.91 -0.50 0.00	38.71 -0.39 0.00	35.92 -0.73 0.00	38.45 -0.39 0.00	38.52 -0.35 0.00	41.14 -0.29 0.00	49.48 -0.30 0.00	69.62 -0.84 0.00	84.80 -0.34 0.00	82.06 0.08 0.00	69.95 0.14 0.00	59.59 0.36 0.00	52.00 0.51 0.00	46.62 1.00 0.00	44.74 0.83 0.00
COBBLENY_34_KV_TB1 80064	34.39 -2.47 0.00	31.55 -2.48 0.00	31.64 -2.20 0.00	31.53 -2.16 0.00	33.23 -1.75 0.00	36.72 -3.15 0.00	51.42 -5.46 0.00	59.41 -5.59 0.00	46.99 -4.48 0.00	39.05 -2.36 0.00	37.45 -1.64 0.00	35.33 -1.32 0.00	36.67 -2.18 0.00	36.69 -2.18 0.00	38.98 -2.44 0.00	45.85 -3.93 0.00	65.60 -4.86 0.00	78.75 -6.39 0.00	76.16 -5.82 0.00	65.28 -4.54 0.00	54.61 -4.62 0.00	48.14 -3.35 0.00	42.88 -2.74 0.00	41.41 -2.50 0.00
COFFEEN___115KV_TB3 355620	37.00 0.15 0.00	34.34 0.31 0.00	34.21 0.37 0.00	33.96 0.27 0.00	35.37 0.38 0.00	40.59 0.72 0.00	57.96 1.08 0.00	66.30 1.30 0.00	52.29 0.82 0.00	41.57 0.17 0.00	39.41 0.31 0.00	36.76 0.11 0.00	38.88 0.04 0.00	38.79 -0.08 0.00	41.06 -0.37 0.00	50.28 0.50 0.00	71.87 1.41 0.00	87.27 2.13 0.00	84.61 2.62 0.00	72.47 2.65 0.00	61.24 2.01 0.00	53.60 2.11 0.00	47.26 1.64 0.00	45.27 1.36 0.00
COLDSPRG_115KV_BK1 355956	34.16 -2.69 0.00	31.41 -2.62 0.00	31.50 -2.33 0.00	31.43 -2.26 0.00	33.13 -1.85 0.00	36.88 -2.99 0.00	52.10 -4.78 0.00	60.45 -4.55 0.00	47.76 -3.71 0.00	39.71 -1.70 0.00	38.08 -1.02 0.00	35.99 -0.66 0.00	37.40 -1.44 0.00	37.47 -1.40 0.00	39.77 -1.66 0.00	46.74 -3.04 0.00	67.15 -3.31 0.00	81.14 -4.00 0.00	78.46 -3.53 0.00	67.09 -2.72 0.00	56.15 -3.08 0.00	49.38 -2.11 0.00	43.98 -1.64 0.00	42.16 -1.76 0.00
COLONIE_LFGE___ 323577	38.14 1.29 0.00	35.26 1.22 0.00	35.02 1.18 0.00	34.84 1.15 0.00	36.10 1.12 0.00	41.23 1.36 0.00	58.76 1.87 0.00	67.08 2.08 0.00	52.60 1.13 0.00	42.07 0.66 0.00	39.45 0.35 0.00	37.20 0.55 0.00	39.31 0.47 0.00	39.37 0.50 0.00	42.01 0.58 0.00	50.77 1.00 0.00	72.15 1.69 0.00	87.01 1.87 0.00	83.78 1.80 0.00	71.21 1.40 0.00	60.59 1.36 0.00	52.36 0.87 0.00	46.30 0.69 0.00	44.84 0.92 0.00
COOPERNY_115KV_TB1 80082	38.26 1.40 0.00	35.26 1.23 0.00	34.99 1.15 0.00	34.84 1.15 0.00	36.14 1.15 0.00	41.31 1.44 0.00	58.87 1.99 0.00	67.27 2.27 0.00	53.22 1.75 0.00	42.86 1.45 0.00	40.50 1.41 0.00	38.11 1.47 0.00	40.28 1.44 0.00	40.31 1.44 0.00	42.96 1.53 0.00	51.42 1.64 0.00	72.86 2.40 0.00	88.03 2.89 0.00	84.61 2.62 0.00	71.98 2.16 0.00	61.01 1.78 0.00	53.14 1.65 0.00	46.99 1.37 0.00	45.14 1.23 0.00
COPENHAGEN_WT_PWR 323753	36.78 -0.07 0.00	34.10 0.07 0.00	33.97 0.14 0.00	33.72 0.03 0.00	35.12 0.14 0.00	40.23 0.36 0.00	57.39 0.51 0.00	65.65 0.65 0.00	51.93 0.46 0.00	41.33 -0.08 0.00	39.21 0.12 0.00	36.61 -0.04 0.00	38.72 -0.12 0.00	38.64 -0.23 0.00	40.93 -0.50 0.00	49.93 0.15 0.00	71.24 0.78 0.00	86.42 1.28 0.00	83.62 1.64 0.00	71.56 1.75 0.00	60.59 1.36 0.00	52.98 1.49 0.00	46.76 1.14 0.00	44.88 0.96 0.00
CORNELL_____ 23752	37.04 0.18 0.00	34.17 0.14 0.00	34.08 0.24 0.00	33.93 0.24 0.00	35.33 0.35 0.00	40.23 0.36 0.00	57.28 0.40 0.00	65.65 0.65 0.00	51.93 0.46 0.00	41.86 0.46 0.00	39.53 0.43 0.00	37.16 0.51 0.00	39.11 0.27 0.00	39.18 0.31 0.00	41.68 0.25 0.00	50.08 0.30 0.00	71.24 0.78 0.00	86.25 1.11 0.00	83.21 1.23 0.00	71.00 1.19 0.00	59.94 0.71 0.00	52.21 0.72 0.00	46.21 0.59 0.00	44.35 0.44 0.00

CORONA V_69_KV_TB1 355595	39.47 2.62 0.00	36.24 2.21 0.00	35.73 1.89 0.00	35.54 1.85 0.00	36.94 1.96 0.00	42.11 2.23 0.00	59.84 2.96 0.00	67.86 2.86 0.00	53.12 2.26 0.61	44.42 3.44 0.42	42.59 3.56 0.06	40.38 3.52 -0.21	42.52 3.57 -0.10	42.54 3.58 -0.10	45.34 3.85 -0.06	52.57 2.79 0.00	74.95 4.44 -0.05	89.91 4.77 0.00	86.66 4.67 0.00	74.89 5.03 -0.05	63.13 3.85 -0.05	54.99 3.45 -0.05	47.85 2.24 0.00	46.02 2.11 0.00
CORTLAND_115KV_TB3 80093	36.97 0.11 0.00	34.13 0.10 0.00	33.97 0.14 0.00	33.82 0.13 0.00	35.19 0.21 0.00	40.11 0.24 0.00	57.11 0.23 0.00	65.39 0.39 0.00	51.78 0.31 0.00	41.70 0.29 0.00	39.41 0.31 0.00	37.01 0.37 0.00	39.04 0.19 0.00	39.06 0.19 0.00	41.59 0.17 0.00	49.93 0.15 0.00	70.96 0.49 0.00	85.74 0.60 0.00	82.56 0.57 0.00	70.44 0.63 0.00	59.53 0.30 0.00	51.85 0.36 0.00	45.85 0.23 0.00	44.04 0.13 0.00
COXSACKIE___GT 23611	38.62 1.77 0.00	35.70 1.67 0.00	35.43 1.59 0.00	35.31 1.62 0.00	36.70 1.71 0.00	41.91 2.03 0.00	60.06 3.18 0.00	68.31 3.31 0.00	53.01 1.54 0.00	42.15 0.75 0.00	39.41 0.31 0.00	37.05 0.40 0.00	39.15 0.31 0.00	39.22 0.35 0.00	41.97 0.54 0.00	51.02 1.24 0.00	73.35 2.89 0.00	89.48 4.34 0.00	86.32 4.34 0.00	73.17 3.35 0.00	62.01 2.78 0.00	54.01 2.52 0.00	47.53 1.92 0.00	45.76 1.84 0.00
CPV_VALLEY___CC1 323721	38.55 1.70 0.00	35.53 1.50 0.00	35.19 1.35 0.00	35.07 1.38 0.00	36.35 1.36 0.00	41.51 1.64 0.00	59.27 2.39 0.00	67.67 2.67 0.00	53.53 2.06 0.00	43.15 1.74 0.00	40.78 1.68 0.00	38.37 1.72 0.00	40.55 1.71 0.00	40.58 1.71 0.00	43.29 1.87 0.00	51.77 1.99 0.00	73.28 2.82 0.00	88.63 3.49 0.00	85.18 3.19 0.00	72.32 2.51 0.00	61.30 2.07 0.00	53.39 1.91 0.00	47.26 1.64 0.00	45.27 1.36 0.00
CPV_VALLEY___CC2 323722	38.55 1.70 0.00	35.53 1.50 0.00	35.19 1.35 0.00	35.07 1.38 0.00	36.35 1.36 0.00	41.51 1.64 0.00	59.27 2.39 0.00	67.67 2.67 0.00	53.53 2.06 0.00	43.15 1.74 0.00	40.78 1.68 0.00	38.37 1.72 0.00	40.55 1.71 0.00	40.58 1.71 0.00	43.29 1.87 0.00	51.77 1.99 0.00	73.28 2.82 0.00	88.63 3.49 0.00	85.18 3.19 0.00	72.32 2.51 0.00	61.30 2.07 0.00	53.39 1.91 0.00	47.26 1.64 0.00	45.27 1.36 0.00
CRESCENT___HYD 24018	38.14 1.29 0.00	35.26 1.22 0.00	35.02 1.18 0.00	34.84 1.15 0.00	36.10 1.12 0.00	41.23 1.36 0.00	58.76 1.87 0.00	67.08 2.08 0.00	52.60 1.13 0.00	42.07 0.66 0.00	39.45 0.35 0.00	37.20 0.55 0.00	39.31 0.47 0.00	39.37 0.50 0.00	42.01 0.58 0.00	50.77 1.00 0.00	72.15 1.69 0.00	87.01 1.87 0.00	83.78 1.80 0.00	71.21 1.40 0.00	60.59 1.36 0.00	52.36 0.87 0.00	46.30 0.69 0.00	44.84 0.92 0.00
CRICKET___VALLEY_CC1 323756	38.59 1.73 0.00	35.56 1.53 0.00	35.19 1.35 0.00	35.04 1.35 0.00	36.31 1.33 0.00	41.51 1.64 0.00	59.21 2.33 0.00	67.60 2.60 0.00	53.53 2.06 0.00	43.15 1.74 0.00	40.78 1.68 0.00	38.37 1.72 0.00	40.55 1.71 0.00	40.58 1.71 0.00	43.33 1.91 0.00	51.77 1.99 0.00	73.21 2.75 0.00	88.55 3.41 0.00	84.85 2.87 0.00	71.91 2.09 0.00	60.95 1.72 0.00	53.14 1.65 0.00	46.98 1.37 0.00	45.01 1.10 0.00
CRICKET___VALLEY_CC2 323757	38.59 1.73 0.00	35.56 1.53 0.00	35.19 1.35 0.00	35.04 1.35 0.00	36.31 1.33 0.00	41.51 1.64 0.00	59.21 2.33 0.00	67.60 2.60 0.00	53.53 2.06 0.00	43.15 1.74 0.00	40.78 1.68 0.00	38.37 1.72 0.00	40.55 1.71 0.00	40.58 1.71 0.00	43.33 1.91 0.00	51.77 1.99 0.00	73.21 2.75 0.00	88.55 3.41 0.00	84.85 2.87 0.00	71.91 2.09 0.00	60.95 1.72 0.00	53.14 1.65 0.00	46.98 1.37 0.00	45.01 1.10 0.00
CRICKET___VALLEY_CC3 323758	38.59 1.73 0.00	35.56 1.53 0.00	35.19 1.35 0.00	35.04 1.35 0.00	36.31 1.33 0.00	41.51 1.64 0.00	59.21 2.33 0.00	67.60 2.60 0.00	53.53 2.06 0.00	43.15 1.74 0.00	40.78 1.68 0.00	38.37 1.72 0.00	40.55 1.71 0.00	40.58 1.71 0.00	43.33 1.91 0.00	51.77 1.99 0.00	73.21 2.75 0.00	88.55 3.41 0.00	84.85 2.87 0.00	71.91 2.09 0.00	60.95 1.72 0.00	53.14 1.65 0.00	46.98 1.37 0.00	45.01 1.10 0.00
CRUCIBLE_METL_DRP 24180	36.41 -0.44 0.00	33.62 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.67 -0.31 0.00	39.44 -0.44 0.00	56.14 -0.74 0.00	64.28 -0.71 0.00	51.00 -0.46 0.00	41.12 -0.29 0.00	38.86 -0.23 0.00	36.54 -0.11 0.00	38.53 -0.31 0.00	38.56 -0.31 0.00	41.06 -0.37 0.00	49.23 -0.55 0.00	69.69 -0.78 0.00	84.20 -0.94 0.00	81.00 -0.98 0.00	69.05 -0.77 0.00	58.40 -0.83 0.00	50.92 -0.57 0.00	45.02 -0.59 0.00	43.30 -0.61 0.00
DAHOWA___HYDRO 323763	38.33 1.48 0.00	35.49 1.46 0.00	35.26 1.42 0.00	35.07 1.38 0.00	36.35 1.36 0.00	41.59 1.71 0.00	59.27 2.39 0.00	67.73 2.73 0.00	52.70 1.23 0.00	42.11 0.70 0.00	39.49 0.39 0.00	37.16 0.51 0.00	39.31 0.47 0.00	39.30 0.43 0.00	41.97 0.54 0.00	50.87 1.09 0.00	72.78 2.32 0.00	87.94 2.81 0.00	84.85 2.87 0.00	72.05 2.23 0.00	61.30 2.07 0.00	52.98 1.49 0.00	46.80 1.18 0.00	45.32 1.40 0.00
DANC___LFGE 323619	36.45 -0.40 0.00	33.76 -0.27 0.00	33.64 -0.20 0.00	33.39 -0.30 0.00	34.77 -0.21 0.00	39.68 -0.20 0.00	56.54 -0.34 0.00	64.68 -0.32 0.00	51.26 -0.21 0.00	40.99 -0.41 0.00	38.82 -0.27 0.00	36.35 -0.29 0.00	38.41 -0.43 0.00	38.36 -0.51 0.00	40.68 -0.74 0.00	49.28 -0.50 0.00	70.04 -0.42 0.00	84.88 -0.25 0.00	81.98 0.00 0.00	70.02 0.21 0.00	59.41 0.18 0.00	51.90 0.41 0.00	45.89 0.28 0.00	44.09 0.18 0.00
DANSKAMMER___1 23586	39.03 2.17 0.00	35.94 1.90 0.00	35.56 1.72 0.00	35.47 1.78 0.00	36.80 1.82 0.00	42.07 2.19 0.00	60.12 3.24 0.00	68.57 3.57 0.00	54.14 2.67 0.00	43.60 2.19 0.00	41.13 2.03 0.00	38.70 2.05 0.00	40.94 2.10 0.00	40.97 2.10 0.00	43.75 2.32 0.00	52.42 2.64 0.00	74.33 3.87 0.00	90.08 4.94 0.00	86.41 4.42 0.00	73.30 3.49 0.00	62.13 2.90 0.00	54.22 2.73 0.00	47.90 2.28 0.00	45.80 1.89 0.00
DANSKAMMER___2 23589	39.03 2.17 0.00	35.94 1.90 0.00	35.56 1.72 0.00	35.47 1.78 0.00	36.80 1.82 0.00	42.07 2.19 0.00	60.12 3.24 0.00	68.57 3.57 0.00	54.14 2.67 0.00	43.60 2.19 0.00	41.13 2.03 0.00	38.70 2.05 0.00	40.94 2.10 0.00	40.97 2.10 0.00	43.75 2.32 0.00	52.42 2.64 0.00	74.33 3.87 0.00	90.08 4.94 0.00	86.41 4.42 0.00	73.30 3.49 0.00	62.13 2.90 0.00	54.22 2.73 0.00	47.90 2.28 0.00	45.80 1.89 0.00
DANSKAMMER___3 23590	39.03 2.17 0.00	35.94 1.90 0.00	35.56 1.72 0.00	35.47 1.78 0.00	36.80 1.82 0.00	42.07 2.19 0.00	60.12 3.24 0.00	68.57 3.57 0.00	54.14 2.67 0.00	43.60 2.19 0.00	41.13 2.03 0.00	38.70 2.05 0.00	40.94 2.10 0.00	40.97 2.10 0.00	43.75 2.32 0.00	52.42 2.64 0.00	74.33 3.87 0.00	90.08 4.94 0.00	86.41 4.42 0.00	73.30 3.49 0.00	62.13 2.90 0.00	54.22 2.73 0.00	47.90 2.28 0.00	45.80 1.89 0.00

DANSKAMMER___4 23591	39.03 2.17 0.00	35.94 1.90 0.00	35.56 1.72 0.00	35.47 1.78 0.00	36.80 1.82 0.00	42.07 2.19 0.00	60.12 3.24 0.00	68.57 3.57 0.00	54.14 2.67 0.00	43.60 2.19 0.00	41.13 2.03 0.00	38.70 2.05 0.00	40.94 2.10 0.00	40.97 2.10 0.00	43.75 2.32 0.00	52.42 2.64 0.00	74.33 3.87 0.00	90.08 4.94 0.00	86.41 4.42 0.00	73.30 3.49 0.00	62.13 2.90 0.00	54.22 2.73 0.00	47.90 2.28 0.00	45.80 1.89 0.00
DANSKAMMER___DIESEL 23592	39.03 2.17 0.00	35.94 1.91 0.00	35.56 1.73 0.00	35.48 1.79 0.00	36.80 1.82 0.00	42.11 2.23 0.00	60.12 3.24 0.00	68.57 3.57 0.00	54.19 2.73 0.00	43.60 2.19 0.00	41.17 2.07 0.00	38.74 2.09 0.00	40.94 2.10 0.00	40.97 2.10 0.00	43.71 2.28 0.00	52.42 2.64 0.00	74.34 3.88 0.00	90.08 4.94 0.00	86.41 4.43 0.00	73.31 3.49 0.00	62.13 2.90 0.00	54.22 2.73 0.00	47.90 2.28 0.00	45.89 1.98 0.00
DARBY___SOLAR 323810	38.26 1.40 0.00	35.43 1.40 0.00	35.16 1.32 0.00	35.00 1.31 0.00	36.28 1.30 0.00	41.47 1.60 0.00	59.10 2.22 0.00	67.53 2.53 0.00	52.60 1.13 0.00	42.07 0.66 0.00	39.41 0.31 0.00	37.12 0.48 0.00	39.23 0.39 0.00	39.26 0.39 0.00	41.93 0.50 0.00	50.83 1.05 0.00	72.65 2.19 0.00	87.69 2.55 0.00	84.61 2.62 0.00	71.84 2.03 0.00	61.12 1.89 0.00	52.82 1.34 0.00	46.71 1.09 0.00	45.19 1.27 0.00
DASHVILLE___HYD 23610	38.66 1.81 0.00	35.60 1.57 0.00	35.26 1.42 0.00	35.14 1.45 0.00	36.45 1.47 0.00	41.67 1.79 0.00	59.50 2.62 0.00	67.79 2.79 0.00	53.58 2.11 0.00	43.06 1.66 0.00	40.62 1.52 0.00	38.26 1.61 0.00	40.43 1.59 0.00	40.46 1.59 0.00	43.21 1.78 0.00	51.77 1.99 0.00	73.42 2.96 0.00	88.97 3.83 0.00	85.43 3.44 0.00	72.54 2.72 0.00	61.42 2.19 0.00	53.65 2.16 0.00	47.40 1.78 0.00	45.45 1.54 0.00
DELAWARE___LFGE 323621	37.74 0.88 0.00	34.88 0.85 0.00	34.68 0.85 0.00	34.53 0.84 0.00	35.82 0.84 0.00	40.91 1.04 0.00	58.30 1.42 0.00	66.62 1.62 0.00	52.65 1.18 0.00	42.32 0.91 0.00	40.03 0.94 0.00	37.64 0.99 0.00	39.77 0.93 0.00	39.76 0.89 0.00	42.34 0.91 0.00	50.97 1.19 0.00	72.36 1.90 0.00	87.27 2.13 0.00	84.03 2.05 0.00	71.63 1.82 0.00	60.65 1.42 0.00	52.78 1.29 0.00	46.67 1.05 0.00	44.83 0.92 0.00
DERFIELD_115KV_TB7 355931	37.00 0.15 0.00	34.20 0.17 0.00	34.01 0.17 0.00	33.82 0.13 0.00	35.12 0.14 0.00	40.03 0.16 0.00	57.05 0.17 0.00	65.19 0.19 0.00	51.57 0.10 0.00	41.49 0.08 0.00	39.14 0.04 0.00	36.76 0.11 0.00	38.92 0.08 0.00	38.91 0.04 0.00	41.47 0.04 0.00	49.93 0.15 0.00	70.74 0.28 0.00	85.39 0.26 0.00	82.23 0.25 0.00	70.02 0.21 0.00	59.41 0.18 0.00	51.64 0.15 0.00	45.71 0.09 0.00	44.00 0.09 0.00
DOGLEVILLE___HYD 23807	38.15 1.29 0.00	35.26 1.23 0.00	35.09 1.25 0.00	34.94 1.25 0.00	36.21 1.22 0.00	41.35 1.48 0.00	58.93 2.05 0.00	67.34 2.34 0.00	53.27 1.80 0.00	42.77 1.37 0.00	40.54 1.45 0.00	38.08 1.43 0.00	40.24 1.40 0.00	40.27 1.40 0.00	42.96 1.53 0.00	51.92 2.14 0.00	73.84 3.38 0.00	89.31 4.17 0.00	86.25 4.26 0.00	73.65 3.84 0.00	62.43 3.20 0.00	54.32 2.83 0.00	48.31 2.69 0.00	46.59 2.68 0.00
DUNKIRK___115KV_TB_200 55889	34.16 -2.69 0.00	31.41 -2.62 0.00	31.47 -2.37 0.00	31.37 -2.32 0.00	33.09 -1.89 0.00	36.72 -3.15 0.00	51.59 -5.29 0.00	59.67 -5.33 0.00	47.25 -4.22 0.00	39.30 -2.11 0.00	37.73 -1.37 0.00	35.62 -1.03 0.00	37.02 -1.83 0.00	37.04 -1.83 0.00	39.36 -2.07 0.00	46.25 -3.53 0.00	66.23 -4.23 0.00	79.69 -5.45 0.00	77.06 -4.92 0.00	65.97 -3.84 0.00	55.26 -3.97 0.00	48.66 -2.83 0.00	43.29 -2.33 0.00	41.72 -2.20 0.00
DUNKIRK___1 23563	34.16 -2.69 0.00	31.41 -2.62 0.00	31.47 -2.37 0.00	31.37 -2.32 0.00	33.09 -1.89 0.00	36.72 -3.15 0.00	51.59 -5.29 0.00	59.67 -5.33 0.00	47.25 -4.22 0.00	39.30 -2.11 0.00	37.73 -1.37 0.00	35.62 -1.03 0.00	37.02 -1.83 0.00	37.04 -1.83 0.00	39.36 -2.07 0.00	46.25 -3.53 0.00	66.23 -4.23 0.00	79.69 -5.45 0.00	77.06 -4.92 0.00	65.97 -3.84 0.00	55.26 -3.97 0.00	48.66 -2.83 0.00	43.29 -2.33 0.00	41.72 -2.20 0.00
DUNKIRK___2 23564	34.16 -2.69 0.00	31.41 -2.62 0.00	31.47 -2.37 0.00	31.37 -2.32 0.00	33.09 -1.89 0.00	36.72 -3.15 0.00	51.59 -5.29 0.00	59.67 -5.33 0.00	47.25 -4.22 0.00	39.30 -2.11 0.00	37.73 -1.37 0.00	35.62 -1.03 0.00	37.02 -1.83 0.00	37.04 -1.83 0.00	39.36 -2.07 0.00	46.25 -3.53 0.00	66.23 -4.23 0.00	79.69 -5.45 0.00	77.06 -4.92 0.00	65.97 -3.84 0.00	55.26 -3.97 0.00	48.66 -2.83 0.00	43.29 -2.33 0.00	41.72 -2.20 0.00
DUNKIRK___3 23565	34.24 -2.62 0.00	31.48 -2.55 0.00	31.54 -2.30 0.00	31.43 -2.26 0.00	33.13 -1.85 0.00	36.72 -3.15 0.00	51.53 -5.35 0.00	59.54 -5.46 0.00	47.09 -4.37 0.00	39.17 -2.24 0.00	37.57 -1.52 0.00	35.48 -1.17 0.00	36.86 -1.98 0.00	36.89 -1.98 0.00	39.15 -2.28 0.00	46.05 -3.73 0.00	65.81 -4.65 0.00	79.18 -5.96 0.00	76.57 -5.41 0.00	65.56 -4.26 0.00	54.91 -4.32 0.00	48.40 -3.09 0.00	43.06 -2.55 0.00	41.50 -2.42 0.00
DUNKIRK___4 23566	34.24 -2.62 0.00	31.48 -2.55 0.00	31.54 -2.30 0.00	31.43 -2.26 0.00	33.13 -1.85 0.00	36.72 -3.15 0.00	51.53 -5.35 0.00	59.54 -5.46 0.00	47.09 -4.37 0.00	39.17 -2.24 0.00	37.57 -1.52 0.00	35.48 -1.17 0.00	36.86 -1.98 0.00	36.89 -1.98 0.00	39.15 -2.28 0.00	46.05 -3.73 0.00	65.81 -4.65 0.00	79.18 -5.96 0.00	76.57 -5.41 0.00	65.56 -4.26 0.00	54.91 -4.32 0.00	48.40 -3.09 0.00	43.06 -2.55 0.00	41.50 -2.42 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.25 2.40 0.00	36.11 2.08 0.00	35.70 1.86 0.00	35.58 1.89 0.00	36.87 1.89 0.00	42.19 2.31 0.00	60.18 3.30 0.00	68.77 3.77 0.00	54.50 3.04 0.00	43.89 2.61 0.13	41.62 2.54 0.02	39.07 2.53 0.11	41.35 2.56 0.06	41.38 2.57 0.05	44.17 2.78 0.03	52.72 2.94 0.00	74.48 4.02 0.00	90.08 4.94 0.00	86.49 4.51 0.00	73.44 3.63 0.00	62.25 3.02 0.00	54.22 2.73 0.00	47.90 2.28 0.00	45.89 1.98 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.88 2.03 0.00	35.80 1.77 0.00	35.46 1.62 0.00	35.31 1.62 0.00	36.66 1.68 0.00	41.91 2.03 0.00	59.84 2.96 0.00	68.25 3.25 0.00	53.99 2.52 0.00	43.44 2.03 0.00	41.05 1.95 0.00	38.63 1.98 0.00	40.82 1.98 0.00	40.85 1.98 0.00	43.58 2.15 0.00	52.17 2.39 0.00	73.91 3.45 0.00	89.48 4.34 0.00	85.92 3.94 0.00	72.96 3.14 0.00	61.84 2.61 0.00	53.96 2.47 0.00	47.67 2.05 0.00	45.67 1.76 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.41 2.54 -0.01	36.42 2.38 -0.01	36.11 2.27 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.47 2.59 -0.01	60.36 3.47 -0.01	68.72 3.70 -0.02	54.57 3.09 -0.02	44.20 2.53 -0.27	41.57 2.42 -0.05	39.33 2.46 -0.23	41.45 2.49 -0.12	41.47 2.49 -0.11	44.20 2.69 -0.08	52.82 3.04 0.00	74.34 3.88 0.00	89.99 4.85 0.00	86.41 4.43 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.32 2.69 -0.01	46.47 2.55 -0.01

E179THST_13_KV_LOAD 356214	39.55 2.69 -0.01	36.56 2.52 -0.01	36.21 2.37 -0.01	36.09 2.39 -0.01	37.44 2.45 -0.01	42.59 2.71 -0.01	60.59 3.70 -0.01	68.98 3.96 -0.02	54.78 3.29 -0.02	44.37 2.69 -0.27	41.76 2.62 -0.05	39.51 2.64 -0.23	41.60 2.64 -0.12	41.66 2.68 -0.11	44.36 2.86 -0.08	53.02 3.24 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.82 4.84 0.00	73.58 3.77 0.00	62.43 3.20 0.00	54.63 3.14 0.00	48.50 2.87 -0.01	46.64 2.72 -0.01
EAST HAMPTON___GT 23717	39.32 2.47 0.00	36.07 2.04 0.00	35.33 1.49 0.00	35.04 1.35 0.00	36.24 1.26 0.00	41.19 1.31 0.00	58.02 1.14 0.00	64.54 -0.45 0.01	43.99 -0.57 6.91	34.44 1.24 8.21	36.53 1.45 4.01	37.18 1.47 0.93	36.72 1.51 3.64	40.40 1.48 -0.06	43.40 1.91 -0.06	50.03 0.25 0.00	71.37 0.91 0.00	86.42 1.28 0.00	83.46 1.48 0.00	71.76 1.95 0.00	60.17 0.94 0.00	52.26 0.77 0.00	45.39 -0.23 0.00	43.82 -0.09 0.00
EAST RIVER___6 23660	39.44 2.58 -0.01	36.25 2.21 -0.01	35.87 2.03 -0.01	35.72 2.02 -0.01	37.02 2.03 -0.01	42.31 2.43 -0.01	60.58 3.70 -0.01	69.30 4.29 -0.01	54.93 3.45 -0.01	49.99 3.02 -5.57	42.84 2.89 -0.85	44.19 2.89 -4.65	44.12 2.91 -2.36	44.06 2.95 -2.24	46.09 3.19 -1.47	53.17 3.39 0.00	75.04 4.58 0.00	90.93 5.79 0.00	87.23 5.25 0.00	73.93 4.12 0.00	62.66 3.43 0.00	54.53 3.04 0.00	48.18 2.55 -0.01	46.02 2.11 0.00
EAST RIVER___7 23524	39.44 2.58 -0.01	36.25 2.21 -0.01	35.87 2.03 -0.01	35.72 2.02 -0.01	37.02 2.03 -0.01	42.31 2.43 -0.01	60.58 3.70 -0.01	69.30 4.29 -0.01	54.93 3.45 -0.01	49.99 3.02 -5.57	42.84 2.89 -0.85	44.19 2.89 -4.65	44.12 2.91 -2.36	44.06 2.95 -2.24	46.09 3.19 -1.47	53.17 3.39 0.00	75.04 4.58 0.00	90.93 5.79 0.00	87.23 5.25 0.00	73.93 4.12 0.00	62.66 3.43 0.00	54.53 3.04 0.00	48.18 2.55 -0.01	46.02 2.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.14 2.29 0.00	36.01 1.97 0.00	35.63 1.79 0.00	35.48 1.79 0.00	36.80 1.82 0.00	42.07 2.19 0.00	60.01 3.13 0.00	68.57 3.57 0.00	54.35 2.88 0.00	44.00 2.40 -0.19	41.47 2.35 -0.03	39.16 2.35 -0.16	41.29 2.37 -0.08	41.32 2.37 -0.08	44.05 2.57 -0.05	52.52 2.74 0.00	74.27 3.80 0.00	89.82 4.68 0.00	86.25 4.26 0.00	73.24 3.42 0.00	62.01 2.78 0.00	54.06 2.57 0.00	47.76 2.14 0.00	45.80 1.89 0.00
EAST_HAMPTON___DIESEL 23722	39.29 2.43 0.00	36.04 2.01 0.00	35.29 1.45 0.00	35.00 1.31 0.00	36.17 1.19 0.00	41.15 1.28 0.00	57.90 1.02 0.00	64.41 -0.59 0.01	43.88 -0.67 6.91	34.36 1.16 8.21	36.45 1.37 4.01	37.07 1.36 0.93	36.60 1.40 3.64	40.32 1.40 -0.06	43.27 1.78 -0.06	49.88 0.10 0.00	71.23 0.78 0.00	86.16 1.03 0.00	83.29 1.31 0.00	71.56 1.75 0.00	60.05 0.83 0.00	52.10 0.62 0.00	45.25 -0.37 0.00	43.74 -0.17 0.00
EAST_POINT___SOLAR 323840	38.00 1.14 0.00	35.19 1.16 0.00	34.99 1.15 0.00	34.77 1.08 0.00	36.14 1.15 0.00	41.39 1.51 0.00	59.21 2.33 0.00	67.14 2.14 0.00	51.26 -0.21 0.00	40.41 -0.99 0.00	38.00 -1.09 0.00	35.62 -1.03 0.00	37.68 -1.16 0.00	37.94 -0.93 0.00	40.76 -0.66 0.00	50.03 0.25 0.00	72.72 2.25 0.00	88.46 3.32 0.00	85.51 3.52 0.00	72.68 2.86 0.00	61.60 2.37 0.00	53.24 1.75 0.00	47.17 1.55 0.00	45.36 1.45 0.00
EAST_PULASKI___ESR 323781	36.19 -0.66 0.00	33.45 -0.58 0.00	33.33 -0.51 0.00	33.08 -0.61 0.00	34.46 -0.52 0.00	39.24 -0.64 0.00	55.80 -1.08 0.00	63.83 -1.17 0.00	50.70 -0.77 0.00	40.70 -0.70 0.00	38.55 -0.55 0.00	36.17 -0.48 0.00	38.14 -0.70 0.00	38.17 -0.70 0.00	40.52 -0.91 0.00	48.64 -1.14 0.00	68.98 -1.48 0.00	83.44 -1.70 0.00	80.42 -1.56 0.00	68.63 -1.19 0.00	58.22 -1.01 0.00	50.92 -0.57 0.00	45.07 -0.55 0.00	43.30 -0.61 0.00
EAST_RIVER___1 323558	39.52 2.66 -0.01	36.35 2.32 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.12 2.13 -0.01	42.39 2.51 -0.01	60.64 3.75 -0.01	69.30 4.29 -0.01	54.93 3.45 -0.01	49.96 2.98 -5.57	42.84 2.89 -0.85	44.16 2.86 -4.65	44.12 2.91 -2.36	44.03 2.92 -2.24	46.09 3.19 -1.47	53.12 3.34 0.00	74.98 4.51 0.00	90.76 5.62 0.00	87.15 5.17 0.00	73.86 4.05 0.00	62.60 3.37 0.00	54.53 3.04 0.00	48.22 2.60 -0.01	46.11 2.19 0.00
EAST_RIVER___2 323559	39.44 2.58 -0.01	36.25 2.21 -0.01	35.87 2.03 -0.01	35.72 2.02 -0.01	37.02 2.03 -0.01	42.31 2.43 -0.01	60.58 3.70 -0.01	69.30 4.29 -0.01	54.93 3.45 -0.01	49.99 3.02 -5.57	42.84 2.89 -0.85	44.19 2.89 -4.65	44.12 2.91 -2.36	44.06 2.95 -2.24	46.09 3.19 -1.47	53.17 3.39 0.00	75.04 4.58 0.00	90.93 5.79 0.00	87.23 5.25 0.00	73.93 4.12 0.00	62.66 3.43 0.00	54.53 3.04 0.00	48.18 2.55 -0.01	46.02 2.11 0.00
EAST___DELAWARE_HYD 23607	39.03 2.17 0.00	35.94 1.90 0.00	35.60 1.76 0.00	35.47 1.78 0.00	36.84 1.85 0.00	42.11 2.23 0.00	60.29 3.41 0.00	68.70 3.70 0.00	54.19 2.73 0.00	43.56 2.15 0.00	41.09 1.99 0.00	38.66 2.01 0.00	40.86 2.02 0.00	40.89 2.02 0.00	43.62 2.19 0.00	52.37 2.59 0.00	74.48 4.01 0.00	90.33 5.19 0.00	86.74 4.75 0.00	73.65 3.84 0.00	62.37 3.14 0.00	54.47 2.99 0.00	48.08 2.46 0.00	46.02 2.11 0.00
EIGHT_POINT___WT_PWR 323820	33.50 -3.35 0.00	30.87 -3.16 0.00	31.03 -2.81 0.00	30.96 -2.73 0.00	32.64 -2.34 0.00	36.61 -3.27 0.00	51.53 -5.35 0.00	59.54 -5.46 0.00	47.35 -4.12 0.00	38.63 -2.77 0.00	36.98 -2.11 0.00	34.96 -1.69 0.00	36.20 -2.64 0.00	36.30 -2.57 0.00	38.61 -2.82 0.00	45.99 -3.79 0.00	66.03 -4.44 0.00	80.03 -5.11 0.00	77.47 -4.51 0.00	66.67 -3.14 0.00	56.39 -2.84 0.00	49.12 -2.37 0.00	43.84 -1.78 0.00	42.37 -1.54 0.00
ELBRIDGE_115KV_TB2 80188	36.23 -0.63 0.00	33.45 -0.58 0.00	33.30 -0.54 0.00	33.12 -0.57 0.00	34.49 -0.49 0.00	39.20 -0.68 0.00	55.80 -1.08 0.00	63.89 -1.10 0.00	50.64 -0.82 0.00	40.83 -0.58 0.00	38.59 -0.51 0.00	36.32 -0.33 0.00	38.26 -0.58 0.00	38.29 -0.58 0.00	40.77 -0.66 0.00	48.88 -0.90 0.00	69.26 -1.20 0.00	83.61 -1.53 0.00	80.51 -1.48 0.00	68.63 -1.19 0.00	58.05 -1.18 0.00	50.56 -0.93 0.00	44.75 -0.87 0.00	43.03 -0.88 0.00
ELEC_TRO_TEK 24086	39.25 2.40 0.00	36.07 2.04 0.00	35.56 1.73 0.00	35.37 1.68 0.00	36.77 1.78 0.00	41.91 2.03 0.00	59.50 2.62 0.00	67.53 2.53 0.00	52.00 2.01 1.47	43.56 3.23 1.08	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.13 3.65 -0.06	52.32 2.54 0.00	74.43 3.95 -0.02	89.40 4.26 0.00	86.16 4.18 0.00	74.44 4.61 -0.02	62.69 3.44 -0.02	54.65 3.14 -0.02	47.58 1.96 0.00	45.76 1.84 0.00
ELLENBURG_WT_PWR 323604	35.90 -0.96 0.00	33.08 -0.95 0.00	32.89 -0.95 0.00	32.81 -0.88 0.00	34.11 -0.87 0.00	39.04 -0.84 0.00	56.03 -0.85 0.00	63.89 -1.11 0.00	50.59 -0.88 0.00	40.66 -0.74 0.00	38.47 -0.63 0.00	35.73 -0.91 0.00	38.26 -0.58 0.00	38.29 -0.58 0.00	40.93 -0.50 0.00	49.28 -0.50 0.00	69.48 -0.99 0.00	84.46 -0.68 0.00	81.57 -0.41 0.00	69.54 -0.28 0.00	59.17 -0.06 0.00	51.59 0.10 0.00	46.07 0.46 0.00	44.31 0.39 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	34.35 -2.51 0.00	31.51 -2.52 0.00	31.57 -2.27 0.00	31.43 -2.26 0.00	33.16 -1.82 0.00	36.61 -3.27 0.00	51.14 -5.74 0.00	58.95 -6.04 0.00	46.73 -4.73 0.00	38.88 -2.53 0.00	37.30 -1.80 0.00	35.18 -1.47 0.00	36.51 -2.33 0.00	36.50 -2.37 0.00	38.78 -2.65 0.00	45.65 -4.13 0.00	65.11 -5.36 0.00	77.99 -7.15 0.00	75.42 -6.56 0.00	64.65 -5.17 0.00	54.08 -5.15 0.00	47.78 -3.71 0.00	42.52 -3.10 0.00	41.15 -2.77 0.00
EMPIRE_CC_1 323656	37.81 0.96 0.00	34.95 0.92 0.00	34.68 0.85 0.00	34.53 0.84 0.00	35.79 0.81 0.00	40.79 0.92 0.00	57.96 1.08 0.00	66.17 1.17 0.00	51.98 0.51 0.00	41.62 0.21 0.00	39.02 -0.08 0.00	36.83 0.18 0.00	38.88 0.04 0.00	38.95 0.08 0.00	41.55 0.12 0.00	50.18 0.40 0.00	71.02 0.56 0.00	85.48 0.34 0.00	82.31 0.33 0.00	70.02 0.21 0.00	59.53 0.30 0.00	51.59 0.10 0.00	45.62 0.00 0.00	44.22 0.31 0.00
EMPIRE_CC_2 323658	37.81 0.96 0.00	34.95 0.92 0.00	34.68 0.85 0.00	34.53 0.84 0.00	35.79 0.81 0.00	40.79 0.92 0.00	57.96 1.08 0.00	66.17 1.17 0.00	51.98 0.51 0.00	41.62 0.21 0.00	39.02 -0.08 0.00	36.83 0.18 0.00	38.88 0.04 0.00	38.95 0.08 0.00	41.55 0.12 0.00	50.18 0.40 0.00	71.02 0.56 0.00	85.48 0.34 0.00	82.31 0.33 0.00	70.02 0.21 0.00	59.53 0.30 0.00	51.59 0.10 0.00	45.62 0.00 0.00	44.22 0.31 0.00
ENORWICH_115KV_TB1 80156	37.67 0.81 0.00	34.95 0.92 0.00	34.92 1.08 0.00	34.73 1.04 0.00	36.31 1.33 0.00	41.71 1.83 0.00	59.50 2.62 0.00	68.05 3.05 0.00	53.68 2.21 0.00	42.86 1.45 0.00	40.66 1.56 0.00	38.11 1.47 0.00	40.24 1.40 0.00	40.19 1.32 0.00	42.67 1.24 0.00	52.12 2.34 0.00	74.97 4.51 0.00	91.01 5.87 0.00	87.89 5.90 0.00	75.19 5.38 0.00	63.44 4.21 0.00	55.20 3.71 0.00	48.67 3.06 0.00	46.63 2.72 0.00
ERIE_ST__34_KV_TB1-2 80199	34.24 -2.62 0.00	31.41 -2.62 0.00	31.50 -2.33 0.00	31.37 -2.32 0.00	33.09 -1.89 0.00	36.56 -3.31 0.00	51.25 -5.63 0.00	59.34 -5.65 0.00	46.89 -4.58 0.00	38.96 -2.44 0.00	37.38 -1.72 0.00	35.29 -1.36 0.00	36.59 -2.25 0.00	36.61 -2.25 0.00	38.90 -2.53 0.00	45.75 -4.03 0.00	65.46 -5.00 0.00	78.67 -6.47 0.00	76.08 -5.90 0.00	65.14 -4.68 0.00	54.49 -4.74 0.00	48.04 -3.45 0.00	42.83 -2.78 0.00	41.23 -2.68 0.00
ERIE_WT_PWR 323693	34.31 -2.54 0.00	31.55 -2.48 0.00	31.57 -2.27 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.80 -3.07 0.00	51.25 -5.63 0.00	59.21 -5.79 0.00	47.55 -3.91 0.00	38.96 -2.44 0.00	37.42 -1.68 0.00	35.40 -1.25 0.00	36.63 -2.21 0.00	36.61 -2.26 0.00	38.82 -2.61 0.00	45.80 -3.98 0.00	65.39 -5.07 0.00	78.41 -6.73 0.00	75.83 -6.15 0.00	65.06 -4.75 0.00	55.08 -4.15 0.00	48.09 -3.40 0.00	42.79 -2.83 0.00	41.63 -2.29 0.00
ESPRGFLD_115KV_TB1 80157	37.30 0.44 0.00	34.47 0.44 0.00	34.31 0.47 0.00	34.13 0.44 0.00	35.47 0.49 0.00	40.59 0.72 0.00	57.96 1.08 0.00	66.04 1.04 0.00	51.62 0.15 0.00	41.20 -0.21 0.00	39.02 -0.08 0.00	36.61 -0.04 0.00	38.69 -0.16 0.00	38.71 -0.16 0.00	41.30 -0.12 0.00	50.18 0.40 0.00	71.80 1.34 0.00	86.84 1.70 0.00	83.87 1.89 0.00	71.42 1.61 0.00	60.41 1.18 0.00	52.47 0.98 0.00	46.44 0.82 0.00	44.61 0.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.04 0.18 0.00	34.17 0.14 0.00	34.08 0.24 0.00	33.89 0.20 0.00	35.33 0.35 0.00	40.23 0.36 0.00	57.28 0.40 0.00	65.65 0.65 0.00	51.93 0.46 0.00	41.82 0.41 0.00	39.49 0.39 0.00	37.12 0.48 0.00	39.07 0.23 0.00	39.14 0.27 0.00	41.64 0.21 0.00	50.08 0.30 0.00	71.17 0.70 0.00	86.16 1.02 0.00	83.13 1.15 0.00	70.93 1.12 0.00	59.88 0.65 0.00	52.16 0.67 0.00	46.16 0.55 0.00	44.31 0.40 0.00
ETNA____115KV_TB2 80207	37.04 0.18 0.00	34.17 0.14 0.00	34.08 0.24 0.00	33.89 0.20 0.00	35.33 0.35 0.00	40.23 0.36 0.00	57.28 0.40 0.00	65.65 0.65 0.00	51.93 0.46 0.00	41.82 0.41 0.00	39.49 0.39 0.00	37.12 0.48 0.00	39.07 0.23 0.00	39.14 0.27 0.00	41.64 0.21 0.00	50.08 0.30 0.00	71.17 0.70 0.00	86.16 1.02 0.00	83.13 1.15 0.00	70.93 1.12 0.00	59.88 0.65 0.00	52.16 0.67 0.00	46.16 0.55 0.00	44.31 0.40 0.00
EUCLID__115KV_TB2 356179	36.08 -0.77 0.00	33.32 -0.71 0.00	33.16 -0.68 0.00	32.98 -0.71 0.00	34.35 -0.63 0.00	39.00 -0.88 0.00	55.46 -1.42 0.00	63.50 -1.49 0.00	50.39 -1.08 0.00	40.62 -0.79 0.00	38.43 -0.66 0.00	36.14 -0.51 0.00	38.10 -0.74 0.00	38.13 -0.74 0.00	40.60 -0.83 0.00	48.63 -1.14 0.00	68.91 -1.55 0.00	83.10 -2.04 0.00	80.02 -1.97 0.00	68.14 -1.68 0.00	57.69 -1.54 0.00	50.30 -1.18 0.00	44.52 -1.09 0.00	42.81 -1.10 0.00
E_CANADA_CAP_HY 24051	37.26 0.41 0.00	34.51 0.48 0.00	34.31 0.47 0.00	34.10 0.41 0.00	35.40 0.42 0.00	40.47 0.60 0.00	57.91 1.02 0.00	65.78 0.78 0.00	50.70 -0.77 0.00	40.21 -1.20 0.00	37.96 -1.14 0.00	35.58 -1.06 0.00	37.64 -1.20 0.00	37.78 -1.09 0.00	40.48 -0.95 0.00	49.48 -0.30 0.00	71.09 0.63 0.00	86.24 1.10 0.00	83.37 1.39 0.00	70.86 1.05 0.00	60.06 0.83 0.00	52.00 0.51 0.00	46.21 0.59 0.00	44.48 0.57 0.00
E_CANADA_MHWK_HY 24050	38.14 1.29 0.00	35.26 1.22 0.00	35.09 1.25 0.00	34.94 1.25 0.00	36.21 1.22 0.00	41.35 1.48 0.00	58.93 2.04 0.00	67.34 2.34 0.00	53.27 1.80 0.00	42.77 1.36 0.00	40.54 1.45 0.00	38.08 1.43 0.00	40.24 1.40 0.00	40.27 1.40 0.00	42.96 1.53 0.00	51.92 2.14 0.00	73.84 3.38 0.00	89.31 4.17 0.00	86.24 4.26 0.00	73.65 3.84 0.00	62.49 3.26 0.00	54.37 2.88 0.00	48.31 2.69 0.00	46.59 2.68 0.00
E_FISHKILL__LBMP 23776	38.81 1.95 0.00	35.77 1.74 0.00	35.39 1.56 0.00	35.24 1.55 0.00	36.56 1.57 0.00	41.79 1.91 0.00	59.55 2.67 0.00	68.05 3.05 0.00	53.89 2.42 0.00	43.44 2.03 0.00	41.05 1.95 0.00	38.63 1.98 0.00	40.82 1.98 0.00	40.85 1.98 0.00	43.58 2.15 0.00	52.12 2.34 0.00	73.63 3.17 0.00	89.06 3.92 0.00	85.51 3.53 0.00	72.61 2.79 0.00	61.54 2.31 0.00	53.60 2.11 0.00	47.40 1.78 0.00	45.49 1.58 0.00
FALCON__SEABRD_CC1 323796	35.94 -0.92 0.00	33.11 -0.92 0.00	32.93 -0.91 0.00	32.88 -0.81 0.00	34.18 -0.80 0.00	39.16 -0.72 0.00	56.14 -0.74 0.00	64.03 -0.97 0.00	50.70 -0.77 0.00	40.79 -0.62 0.00	38.59 -0.51 0.00	35.84 -0.81 0.00	38.38 -0.46 0.00	38.40 -0.46 0.00	41.05 -0.37 0.00	49.18 -0.60 0.00	68.91 -1.55 0.00	83.86 -1.27 0.00	81.08 -0.90 0.00	69.12 -0.70 0.00	58.82 -0.41 0.00	51.54 0.05 0.00	46.39 0.77 0.00	44.57 0.66 0.00
FALCON__SEABRD_CC2 323797	35.94 -0.92 0.00	33.11 -0.92 0.00	32.93 -0.91 0.00	32.88 -0.81 0.00	34.18 -0.80 0.00	39.16 -0.72 0.00	56.14 -0.74 0.00	64.03 -0.97 0.00	50.70 -0.77 0.00	40.79 -0.62 0.00	38.59 -0.51 0.00	35.84 -0.81 0.00	38.38 -0.46 0.00	38.40 -0.46 0.00	41.05 -0.37 0.00	49.18 -0.60 0.00	68.91 -1.55 0.00	83.86 -1.27 0.00	81.08 -0.90 0.00	69.12 -0.70 0.00	58.82 -0.41 0.00	51.54 0.05 0.00	46.39 0.77 0.00	44.57 0.66 0.00

FAR ROCKAWAY___4 23548	39.73 2.87 0.00	36.48 2.45 0.00	35.94 2.10 0.00	35.74 2.06 0.00	37.15 2.17 0.00	42.35 2.47 0.00	60.18 3.30 0.00	68.25 3.25 0.00	53.35 2.52 0.64	44.67 3.69 0.42	42.90 3.87 0.06	40.67 3.81 -0.21	42.83 3.88 -0.10	42.89 3.93 -0.10	45.71 4.23 -0.06	52.97 3.19 0.00	75.52 5.00 -0.05	90.59 5.45 0.00	87.39 5.41 0.00	75.66 5.79 -0.05	63.67 4.38 -0.05	55.51 3.96 -0.05	48.22 2.60 0.00	46.33 2.42 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.52 2.65 -0.01	36.35 2.31 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.12 2.13 -0.01	42.47 2.59 -0.01	60.58 3.70 -0.01	69.30 4.29 -0.01	54.88 3.40 -0.01	50.39 2.94 -6.04	42.87 2.85 -0.92	44.55 2.86 -5.05	44.28 2.87 -2.57	44.22 2.92 -2.44	46.14 3.11 -1.60	53.06 3.29 0.00	74.90 4.44 0.00	90.67 5.53 0.00	87.07 5.08 0.00	73.86 4.05 0.00	62.61 3.38 0.00	54.53 3.04 0.00	48.22 2.60 -0.01	46.19 2.28 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.52 2.65 -0.01	36.35 2.31 -0.01	35.94 2.10 -0.01	35.82 2.12 -0.01	37.16 2.17 -0.01	42.47 2.59 -0.01	60.58 3.70 -0.01	69.30 4.29 -0.01	54.93 3.45 -0.01	50.41 2.98 -6.02	42.87 2.85 -0.92	44.53 2.86 -5.02	44.27 2.87 -2.55	44.21 2.92 -2.42	46.17 3.15 -1.59	53.06 3.29 0.00	74.90 4.44 0.00	90.67 5.53 0.00	87.07 5.08 0.00	73.86 4.05 0.00	62.61 3.38 0.00	54.58 3.09 0.00	48.22 2.60 -0.01	46.19 2.28 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.48 2.62 -0.01	36.32 2.28 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.12 2.13 -0.01	42.43 2.55 -0.01	60.58 3.70 -0.01	69.24 4.22 -0.01	54.88 3.40 -0.01	50.40 2.94 -6.06	42.87 2.85 -0.92	44.53 2.82 -5.06	44.29 2.87 -2.57	44.19 2.88 -2.44	46.14 3.11 -1.60	53.06 3.29 0.00	74.90 4.44 0.00	90.59 5.45 0.00	86.98 5.00 0.00	73.79 3.98 0.00	62.55 3.32 0.00	54.53 3.04 0.00	48.18 2.55 -0.01	46.15 2.24 0.00
FARRAGUT___LBMP 323566	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.79 2.09 -0.01	37.12 2.13 -0.01	42.43 2.55 -0.01	60.53 3.64 -0.01	69.17 4.16 -0.01	54.83 3.35 -0.01	50.43 2.90 -6.13	42.85 2.81 -0.93	44.55 2.79 -5.12	44.28 2.84 -2.60	44.17 2.84 -2.47	46.12 3.07 -1.62	53.02 3.24 0.00	74.83 4.37 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.79 3.98 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.18 2.55 -0.01	46.15 2.24 0.00
FENNER___WINDPWR 24204	37.26 0.41 0.00	34.44 0.41 0.00	34.31 0.47 0.00	34.13 0.44 0.00	35.51 0.53 0.00	40.55 0.68 0.00	57.79 0.91 0.00	66.10 1.10 0.00	52.34 0.87 0.00	41.99 0.58 0.00	39.72 0.62 0.00	37.27 0.62 0.00	39.34 0.50 0.00	39.37 0.50 0.00	41.88 0.46 0.00	50.53 0.75 0.00	71.80 1.34 0.00	86.75 1.61 0.00	83.54 1.55 0.00	71.21 1.40 0.00	60.35 1.12 0.00	52.46 0.98 0.00	46.39 0.77 0.00	44.61 0.70 0.00
FIBERTEK___ENERGY 23856	36.41 -0.44 0.00	33.62 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.67 -0.31 0.00	39.44 -0.44 0.00	56.14 -0.74 0.00	64.28 -0.71 0.00	51.00 -0.46 0.00	41.12 -0.29 0.00	38.86 -0.23 0.00	36.54 -0.11 0.00	38.53 -0.31 0.00	38.56 -0.31 0.00	41.06 -0.37 0.00	49.23 -0.55 0.00	69.69 -0.78 0.00	84.20 -0.94 0.00	81.00 -0.98 0.00	69.05 -0.77 0.00	58.40 -0.83 0.00	50.92 -0.57 0.00	45.02 -0.59 0.00	43.30 -0.61 0.00
FITZPATRICK___ 23598	35.56 -1.29 0.00	32.87 -1.16 0.00	32.72 -1.12 0.00	32.54 -1.15 0.00	33.86 -1.12 0.00	38.48 -1.40 0.00	54.66 -2.22 0.00	62.60 -2.40 0.00	49.66 -1.80 0.00	40.00 -1.41 0.00	37.77 -1.33 0.00	35.55 -1.10 0.00	37.48 -1.36 0.00	37.51 -1.36 0.00	39.94 -1.49 0.00	47.89 -1.89 0.00	67.86 -2.61 0.00	81.82 -3.32 0.00	78.78 -3.20 0.00	67.16 -2.65 0.00	56.92 -2.31 0.00	49.53 -1.96 0.00	43.88 -1.73 0.00	42.24 -1.67 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.10 2.25 0.00	36.01 1.97 0.00	35.63 1.79 0.00	35.51 1.82 0.00	36.87 1.89 0.00	42.15 2.27 0.00	60.24 3.36 0.00	68.70 3.70 0.00	54.30 2.83 0.00	43.64 2.24 0.00	41.21 2.11 0.00	38.77 2.13 0.00	40.98 2.14 0.00	41.01 2.14 0.00	43.79 2.36 0.00	52.47 2.69 0.00	74.48 4.02 0.00	90.25 5.11 0.00	86.57 4.59 0.00	73.44 3.63 0.00	62.25 3.02 0.00	54.32 2.83 0.00	47.94 2.33 0.00	45.93 2.02 0.00
FORT ORANGE___ 23900	37.85 1.00 0.00	35.02 0.99 0.00	34.78 0.95 0.00	34.60 0.91 0.00	35.86 0.87 0.00	40.87 1.00 0.00	58.19 1.31 0.00	66.43 1.43 0.00	52.13 0.67 0.00	41.82 0.41 0.00	39.29 0.20 0.00	36.98 0.33 0.00	39.08 0.23 0.00	39.14 0.27 0.00	41.76 0.33 0.00	50.38 0.60 0.00	71.59 1.12 0.00	86.42 1.28 0.00	83.29 1.31 0.00	70.79 0.98 0.00	60.12 0.89 0.00	52.11 0.62 0.00	46.07 0.46 0.00	44.48 0.57 0.00
FORT_DRUM_COGEN 23780	36.86 0.00 0.00	34.17 0.14 0.00	34.04 0.20 0.00	33.79 0.10 0.00	35.19 0.21 0.00	40.35 0.48 0.00	57.62 0.74 0.00	65.97 0.97 0.00	52.03 0.57 0.00	41.41 0.00 0.00	39.29 0.20 0.00	36.65 0.00 0.00	38.80 -0.04 0.00	38.67 -0.19 0.00	41.01 -0.41 0.00	50.13 0.35 0.00	71.52 1.06 0.00	86.84 1.70 0.00	84.03 2.05 0.00	71.91 2.09 0.00	60.89 1.66 0.00	53.29 1.80 0.00	47.03 1.41 0.00	45.10 1.19 0.00
FOX_HILLS___ESR 323835	39.97 3.10 -0.01	36.80 2.76 -0.01	36.46 2.61 -0.01	36.30 2.59 -0.01	37.66 2.66 -0.01	42.96 3.07 -0.01	60.59 3.70 -0.01	68.98 3.96 -0.02	54.72 3.24 -0.02	49.48 2.19 -5.88	42.15 2.15 -0.90	43.72 2.16 -4.91	43.52 2.18 -2.50	43.46 2.22 -2.37	45.39 2.40 -1.56	53.11 3.34 0.00	74.48 4.02 0.00	90.25 5.11 0.00	86.74 4.75 0.00	73.58 3.77 0.00	62.49 3.26 0.00	54.83 3.35 0.00	48.82 3.19 -0.01	46.82 2.90 -0.01
FPL_FAR_ROCK_GT1 24212	39.73 2.88 0.00	36.48 2.45 0.00	35.94 2.10 0.00	35.75 2.06 0.00	37.08 2.10 0.00	42.15 2.27 0.00	60.18 3.30 0.00	68.25 3.25 0.00	53.35 2.52 0.64	44.67 3.68 0.42	42.90 3.87 0.06	40.67 3.81 -0.21	42.83 3.88 -0.10	42.85 3.89 -0.10	45.72 4.23 -0.06	52.97 3.19 0.00	75.52 5.00 -0.05	90.84 5.71 0.00	87.64 5.65 0.00	75.59 5.73 -0.05	63.67 4.38 -0.05	55.30 3.76 -0.05	48.17 2.55 0.00	46.07 2.15 0.00
FPL_FAR_ROCK_GT2 23815	39.73 2.88 0.00	36.48 2.45 0.00	35.94 2.10 0.00	35.75 2.06 0.00	37.08 2.10 0.00	42.15 2.27 0.00	60.18 3.30 0.00	68.25 3.25 0.00	53.35 2.52 0.64	44.67 3.68 0.42	42.90 3.87 0.06	40.67 3.81 -0.21	42.83 3.88 -0.10	42.85 3.89 -0.10	45.72 4.23 -0.06	52.97 3.19 0.00	75.52 5.00 -0.05	90.84 5.71 0.00	87.64 5.65 0.00	75.59 5.73 -0.05	63.67 4.38 -0.05	55.30 3.76 -0.05	48.17 2.55 0.00	46.07 2.15 0.00
FRANKLIN_FALL_HYD 24054	36.41 -0.44 0.00	33.59 -0.44 0.00	33.40 -0.44 0.00	33.35 -0.34 0.00	34.67 -0.31 0.00	39.76 -0.12 0.00	57.05 0.17 0.00	65.06 0.06 0.00	51.47 0.00 0.00	41.37 -0.04 0.00	39.17 0.08 0.00	36.32 -0.33 0.00	38.92 0.08 0.00	38.95 0.08 0.00	41.51 0.08 0.00	50.13 0.35 0.00	70.60 0.14 0.00	85.91 0.77 0.00	83.13 1.15 0.00	70.93 1.12 0.00	60.59 1.36 0.00	52.72 1.24 0.00	46.99 1.37 0.00	45.10 1.19 0.00

FREEPORT_EQUS_GT1 23764	39.43 2.58 0.00	36.21 2.18 0.00	35.66 1.83 0.00	35.47 1.78 0.00	36.80 1.82 0.00	41.79 1.91 0.00	59.67 2.79 0.00	67.66 2.67 0.00	50.00 2.01 3.47	42.19 3.27 2.48	42.47 3.44 0.06	40.27 3.41 -0.21	42.40 3.46 -0.10	42.47 3.50 -0.10	45.30 3.81 -0.06	52.52 2.74 0.00	74.85 4.37 -0.02	90.08 4.94 0.00	86.90 4.92 0.00	74.86 5.03 -0.02	63.04 3.79 -0.02	54.75 3.25 -0.02	47.76 2.14 0.00	45.67 1.76 0.00
FREEPORT___CT2 23818	39.43 2.58 0.00	36.21 2.18 0.00	35.66 1.83 0.00	35.47 1.78 0.00	36.80 1.82 0.00	41.79 1.91 0.00	59.67 2.79 0.00	67.66 2.67 0.00	50.00 2.01 3.47	42.19 3.27 2.48	42.47 3.44 0.06	40.27 3.41 -0.21	42.40 3.46 -0.10	42.47 3.50 -0.10	45.30 3.81 -0.06	52.52 2.74 0.00	74.85 4.37 -0.02	90.08 4.94 0.00	86.90 4.92 0.00	74.86 5.03 -0.02	63.04 3.79 -0.02	54.75 3.25 -0.02	47.76 2.14 0.00	45.67 1.76 0.00
FRESHKLS_33_KV_LOAD 356253	40.15 3.28 -0.01	37.01 2.96 -0.01	36.66 2.81 -0.01	36.50 2.80 -0.01	37.87 2.87 -0.01	43.24 3.35 -0.01	60.76 3.87 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.44 2.15 -5.88	42.11 2.11 -0.90	43.68 2.13 -4.91	43.48 2.14 -2.50	43.42 2.18 -2.37	45.35 2.36 -1.56	53.21 3.43 0.00	74.55 4.09 0.00	90.33 5.19 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.67 3.44 0.00	55.04 3.55 0.00	49.10 3.47 -0.01	47.08 3.16 -0.01
FULTON COGEN____ 23766	35.90 -0.96 0.00	33.18 -0.85 0.00	33.03 -0.81 0.00	32.85 -0.84 0.00	34.18 -0.80 0.00	38.84 -1.04 0.00	55.29 -1.59 0.00	63.31 -1.69 0.00	50.18 -1.29 0.00	40.46 -0.95 0.00	38.24 -0.86 0.00	35.95 -0.70 0.00	37.91 -0.93 0.00	37.94 -0.93 0.00	40.39 -1.04 0.00	48.39 -1.39 0.00	68.56 -1.90 0.00	82.76 -2.38 0.00	79.69 -2.30 0.00	67.86 -1.95 0.00	57.45 -1.78 0.00	50.10 -1.39 0.00	44.34 -1.28 0.00	42.64 -1.27 0.00
FULTON___LFGE 323630	37.96 1.10 0.00	35.15 1.12 0.00	34.92 1.08 0.00	34.74 1.05 0.00	36.03 1.05 0.00	41.27 1.39 0.00	59.04 2.16 0.00	67.02 2.02 0.00	51.57 0.10 0.00	40.83 -0.58 0.00	38.31 -0.78 0.00	35.92 -0.73 0.00	38.02 -0.82 0.00	38.21 -0.66 0.00	41.05 -0.37 0.00	50.33 0.55 0.00	72.57 2.11 0.00	88.04 2.90 0.00	85.10 3.11 0.00	72.26 2.44 0.00	61.30 2.07 0.00	53.03 1.54 0.00	46.94 1.32 0.00	45.23 1.32 0.00
G.F.CEMENT___DRP 24184	38.29 1.44 0.00	35.46 1.43 0.00	35.23 1.39 0.00	35.00 1.31 0.00	36.31 1.33 0.00	41.59 1.71 0.00	59.27 2.39 0.00	67.73 2.73 0.00	52.75 1.29 0.00	42.07 0.66 0.00	39.45 0.35 0.00	37.12 0.48 0.00	39.23 0.39 0.00	39.18 0.31 0.00	41.88 0.46 0.00	50.78 1.00 0.00	72.79 2.33 0.00	87.95 2.81 0.00	84.93 2.95 0.00	72.05 2.23 0.00	61.42 2.19 0.00	52.98 1.49 0.00	46.85 1.23 0.00	45.32 1.41 0.00
GARDENVILLE___LBMP 24039	34.16 -2.69 0.00	31.34 -2.69 0.00	31.44 -2.40 0.00	31.33 -2.36 0.00	33.02 -1.96 0.00	36.44 -3.43 0.00	51.02 -5.86 0.00	58.89 -6.11 0.00	46.58 -4.89 0.00	38.72 -2.69 0.00	37.18 -1.92 0.00	35.04 -1.61 0.00	36.36 -2.49 0.00	36.38 -2.49 0.00	38.65 -2.78 0.00	45.50 -4.28 0.00	65.04 -5.43 0.00	78.07 -7.07 0.00	75.51 -6.48 0.00	64.72 -5.10 0.00	54.14 -5.09 0.00	47.78 -3.71 0.00	42.61 -3.01 0.00	41.15 -2.77 0.00
GARDNVLA_35_KV_LD 355827	34.46 -2.40 0.00	31.62 -2.42 0.00	31.67 -2.17 0.00	31.57 -2.12 0.00	33.27 -1.71 0.00	36.76 -3.11 0.00	51.42 -5.46 0.00	59.41 -5.59 0.00	47.04 -4.43 0.00	39.09 -2.32 0.00	37.53 -1.56 0.00	35.40 -1.25 0.00	36.74 -2.10 0.00	36.73 -2.14 0.00	39.07 -2.36 0.00	45.95 -3.83 0.00	65.67 -4.79 0.00	78.84 -6.30 0.00	76.24 -5.74 0.00	65.28 -4.54 0.00	54.67 -4.56 0.00	48.19 -3.30 0.00	42.93 -2.69 0.00	41.50 -2.42 0.00
GELCKHM___115KV_LOAD 80723	36.19 -0.66 0.00	33.42 -0.61 0.00	33.30 -0.54 0.00	33.12 -0.57 0.00	34.46 -0.52 0.00	39.20 -0.68 0.00	55.74 -1.14 0.00	63.83 -1.17 0.00	50.59 -0.87 0.00	40.83 -0.58 0.00	38.59 -0.51 0.00	36.28 -0.37 0.00	38.26 -0.58 0.00	38.29 -0.58 0.00	40.77 -0.66 0.00	48.88 -0.90 0.00	69.19 -1.27 0.00	83.52 -1.62 0.00	80.42 -1.56 0.00	68.49 -1.33 0.00	57.93 -1.30 0.00	50.51 -0.98 0.00	44.71 -0.91 0.00	42.99 -0.92 0.00
GENERAL___MILLS 23808	34.35 -2.51 0.00	31.51 -2.52 0.00	31.60 -2.23 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.64 -3.23 0.00	51.25 -5.63 0.00	59.21 -5.78 0.00	46.83 -4.63 0.00	38.96 -2.44 0.00	37.38 -1.72 0.00	35.26 -1.39 0.00	36.59 -2.25 0.00	36.61 -2.25 0.00	38.90 -2.53 0.00	45.75 -4.03 0.00	65.39 -5.07 0.00	78.41 -6.73 0.00	75.83 -6.15 0.00	65.00 -4.82 0.00	54.37 -4.86 0.00	47.99 -3.50 0.00	42.74 -2.87 0.00	41.32 -2.59 0.00
GE_PLASTICS___DRP 24183	37.74 0.88 0.00	34.88 0.85 0.00	34.65 0.81 0.00	34.46 0.77 0.00	35.72 0.73 0.00	40.71 0.84 0.00	57.96 1.08 0.00	66.17 1.17 0.00	52.24 0.77 0.00	41.86 0.46 0.00	39.37 0.27 0.00	37.09 0.44 0.00	39.19 0.35 0.00	39.22 0.35 0.00	41.84 0.41 0.00	50.38 0.60 0.00	71.45 0.99 0.00	86.16 1.02 0.00	82.97 0.98 0.00	70.51 0.70 0.00	59.94 0.71 0.00	51.95 0.46 0.00	45.98 0.36 0.00	44.39 0.48 0.00
GILBOA___1 23756	37.85 1.00 0.00	34.92 0.88 0.00	34.78 0.95 0.00	34.63 0.94 0.00	35.79 0.81 0.00	40.83 0.96 0.00	58.19 1.31 0.00	66.50 1.50 0.00	52.50 1.03 0.00	42.24 0.83 0.00	39.84 0.74 0.00	37.49 0.84 0.00	39.62 0.78 0.00	39.65 0.78 0.00	42.30 0.87 0.00	50.77 1.00 0.00	71.94 1.48 0.00	86.50 1.36 0.00	83.37 1.39 0.00	71.07 1.26 0.00	60.24 1.01 0.00	52.36 0.87 0.00	46.35 0.73 0.00	44.57 0.66 0.00
GILBOA___2 23757	37.85 1.00 0.00	34.92 0.88 0.00	34.78 0.95 0.00	34.63 0.94 0.00	35.79 0.81 0.00	40.83 0.96 0.00	58.19 1.31 0.00	66.50 1.50 0.00	52.50 1.03 0.00	42.24 0.83 0.00	39.84 0.74 0.00	37.49 0.84 0.00	39.62 0.78 0.00	39.65 0.78 0.00	42.30 0.87 0.00	50.77 1.00 0.00	71.94 1.48 0.00	86.50 1.36 0.00	83.37 1.39 0.00	71.07 1.26 0.00	60.24 1.01 0.00	52.36 0.87 0.00	46.35 0.73 0.00	44.57 0.66 0.00
GILBOA___3 23758	37.85 1.00 0.00	34.92 0.88 0.00	34.78 0.95 0.00	34.63 0.94 0.00	35.79 0.81 0.00	40.83 0.96 0.00	58.19 1.31 0.00	66.50 1.50 0.00	52.50 1.03 0.00	42.24 0.83 0.00	39.84 0.74 0.00	37.49 0.84 0.00	39.62 0.78 0.00	39.65 0.78 0.00	42.30 0.87 0.00	50.77 1.00 0.00	71.94 1.48 0.00	86.50 1.36 0.00	83.37 1.39 0.00	71.07 1.26 0.00	60.24 1.01 0.00	52.36 0.87 0.00	46.35 0.73 0.00	44.57 0.66 0.00
GILBOA___4 23759	37.85 1.00 0.00	34.92 0.88 0.00	34.78 0.95 0.00	34.63 0.94 0.00	35.79 0.81 0.00	40.83 0.96 0.00	58.19 1.31 0.00	66.50 1.50 0.00	52.50 1.03 0.00	42.24 0.83 0.00	39.84 0.74 0.00	37.49 0.84 0.00	39.62 0.78 0.00	39.65 0.78 0.00	42.30 0.87 0.00	50.77 1.00 0.00	71.94 1.48 0.00	86.50 1.36 0.00	83.37 1.39 0.00	71.07 1.26 0.00	60.24 1.01 0.00	52.36 0.87 0.00	46.35 0.73 0.00	44.57 0.66 0.00

GILBOA____ 23599	37.85 1.00 0.00	34.92 0.88 0.00	34.79 0.95 0.00	34.63 0.94 0.00	35.79 0.80 0.00	40.83 0.96 0.00	58.19 1.31 0.00	66.49 1.49 0.00	52.55 1.08 0.00	42.24 0.83 0.00	39.84 0.74 0.00	37.49 0.84 0.00	39.62 0.78 0.00	39.65 0.78 0.00	42.30 0.87 0.00	50.78 1.00 0.00	71.94 1.48 0.00	86.50 1.36 0.00	83.38 1.39 0.00	71.07 1.26 0.00	60.30 1.07 0.00	52.36 0.88 0.00	46.35 0.73 0.00	44.61 0.70 0.00
GINNA____ 23603	34.05 -2.80 0.00	31.31 -2.72 0.00	31.23 -2.60 0.00	31.10 -2.59 0.00	32.57 -2.41 0.00	36.92 -2.95 0.00	52.10 -4.78 0.00	59.80 -5.20 0.00	47.86 -3.60 0.00	38.72 -2.69 0.00	36.87 -2.23 0.00	34.74 -1.91 0.00	36.43 -2.41 0.00	36.34 -2.53 0.00	38.61 -2.82 0.00	45.99 -3.79 0.00	65.39 -5.07 0.00	78.67 -6.47 0.00	75.59 -6.39 0.00	64.58 -5.24 0.00	54.49 -4.74 0.00	47.52 -3.96 0.00	42.11 -3.51 0.00	40.66 -3.25 0.00
GLEN PARK____ 23778	36.93 0.07 0.00	34.27 0.24 0.00	34.14 0.30 0.00	33.89 0.20 0.00	35.30 0.31 0.00	40.51 0.64 0.00	57.85 0.97 0.00	66.17 1.17 0.00	52.24 0.77 0.00	41.49 0.08 0.00	39.37 0.28 0.00	36.72 0.07 0.00	38.84 0.00 0.00	38.71 -0.15 0.00	41.01 -0.41 0.00	50.18 0.40 0.00	71.73 1.27 0.00	87.10 1.96 0.00	84.36 2.38 0.00	72.26 2.44 0.00	61.12 1.89 0.00	53.44 1.96 0.00	47.17 1.55 0.00	45.23 1.32 0.00
GLENDALE_27_KV_LOAD 356172	39.70 2.84 -0.01	36.56 2.52 -0.01	36.21 2.37 -0.01	36.06 2.36 -0.01	37.41 2.41 -0.01	42.71 2.83 -0.01	60.76 3.87 -0.01	69.37 4.35 -0.02	55.03 3.55 -0.02	51.56 2.90 -7.25	43.02 2.81 -1.11	45.49 2.79 -6.06	44.76 2.84 -3.08	44.63 2.84 -2.92	46.41 3.07 -1.92	53.26 3.48 0.00	75.04 4.58 0.00	90.84 5.70 0.00	87.23 5.25 0.00	74.00 4.19 0.00	62.72 3.49 0.00	54.78 3.30 0.00	48.54 2.92 -0.01	46.55 2.63 -0.01
GLENWOOD_IC_1_G5 23712	39.36 2.51 0.00	36.21 2.18 0.00	35.73 1.89 0.00	35.54 1.85 0.00	36.94 1.96 0.00	42.15 2.27 0.00	59.95 3.07 0.00	68.25 3.25 0.00	51.96 2.57 2.08	42.75 3.02 1.69	42.16 3.13 0.06	39.94 3.08 -0.21	42.09 3.15 -0.10	42.11 3.15 -0.10	44.93 3.44 -0.06	52.67 2.89 0.00	74.77 4.30 -0.01	90.16 5.02 0.00	86.74 4.75 0.00	74.29 4.47 -0.01	62.73 3.49 -0.01	54.69 3.19 -0.01	47.90 2.28 0.00	45.98 2.06 0.00
GLENWOOD_IC_2_G1 23688	39.25 2.39 0.00	36.11 2.08 0.00	35.66 1.83 0.00	35.51 1.82 0.00	36.84 1.85 0.00	41.99 2.11 0.00	59.95 3.07 0.00	68.31 3.31 0.00	54.07 2.62 0.02	43.84 2.85 0.42	41.88 2.85 0.06	39.68 2.82 -0.21	41.82 2.87 -0.10	41.84 2.88 -0.10	44.64 3.15 -0.06	52.57 2.79 0.00	74.48 4.01 0.00	89.99 4.85 0.00	86.49 4.51 0.00	73.79 3.98 0.00	62.43 3.20 0.00	54.32 2.83 0.00	47.76 2.14 0.00	45.71 1.80 0.00
GLENWOOD_IC_3_G1 23689	39.25 2.39 0.00	36.11 2.08 0.00	35.66 1.83 0.00	35.51 1.82 0.00	36.84 1.85 0.00	41.99 2.11 0.00	59.95 3.07 0.00	68.31 3.31 0.00	54.07 2.62 0.02	43.84 2.85 0.42	41.88 2.85 0.06	39.68 2.82 -0.21	41.82 2.87 -0.10	41.84 2.88 -0.10	44.64 3.15 -0.06	52.57 2.79 0.00	74.48 4.01 0.00	89.99 4.85 0.00	86.49 4.51 0.00	73.79 3.98 0.00	62.43 3.20 0.00	54.32 2.83 0.00	47.76 2.14 0.00	45.71 1.80 0.00
GLENWOOD____4 23550	39.36 2.51 0.00	36.21 2.18 0.00	35.73 1.89 0.00	35.54 1.85 0.00	36.94 1.96 0.00	42.15 2.27 0.00	59.95 3.07 0.00	68.25 3.25 0.00	51.96 2.57 2.08	42.75 3.02 1.69	42.16 3.13 0.06	39.94 3.08 -0.21	42.09 3.15 -0.10	42.11 3.15 -0.10	44.93 3.44 -0.06	52.67 2.89 0.00	74.77 4.30 -0.01	90.16 5.02 0.00	86.74 4.75 0.00	74.29 4.47 -0.01	62.73 3.49 -0.01	54.69 3.19 -0.01	47.90 2.28 0.00	45.98 2.06 0.00
GLENWOOD____5 23614	39.36 2.51 0.00	36.21 2.18 0.00	35.73 1.89 0.00	35.54 1.85 0.00	36.94 1.96 0.00	42.15 2.27 0.00	59.95 3.07 0.00	68.25 3.25 0.00	51.96 2.57 2.08	42.75 3.02 1.69	42.16 3.13 0.06	39.94 3.08 -0.21	42.09 3.15 -0.10	42.11 3.15 -0.10	44.93 3.44 -0.06	52.67 2.89 0.00	74.77 4.30 -0.01	90.16 5.02 0.00	86.74 4.75 0.00	74.29 4.47 -0.01	62.73 3.49 -0.01	54.69 3.19 -0.01	47.90 2.28 0.00	45.98 2.06 0.00
GLOBAL GREEN_PORT_GT1 23814	39.43 2.58 0.00	36.21 2.18 0.00	35.50 1.66 0.00	35.24 1.55 0.00	36.42 1.43 0.00	41.43 1.55 0.00	58.47 1.59 0.00	65.06 0.07 0.01	44.40 -0.15 6.91	34.81 1.61 8.21	36.89 1.80 4.01	37.51 1.80 0.93	37.07 1.86 3.64	40.79 1.87 -0.06	43.77 2.28 -0.06	50.48 0.70 0.00	72.08 1.62 0.00	87.27 2.13 0.00	84.27 2.29 0.00	72.46 2.65 0.00	60.83 1.60 0.00	52.77 1.29 0.00	45.85 0.23 0.00	44.18 0.27 0.00
GLOBE____DSASP 323697	33.76 -3.10 0.00	30.97 -3.06 0.00	30.96 -2.88 0.00	30.83 -2.86 0.00	32.53 -2.45 0.00	35.83 -4.03 0.02	49.77 -7.11 0.00	57.26 -7.73 0.00	45.45 -6.02 0.00	37.89 -3.52 0.00	36.36 -2.74 0.00	34.27 -2.38 0.00	35.54 -3.30 0.00	35.53 -3.34 0.00	37.74 -3.69 0.00	44.40 -5.38 0.00	63.13 -7.33 0.00	75.26 -9.88 0.00	72.72 -9.26 0.00	62.48 -7.33 0.00	52.30 -6.93 0.00	46.29 -5.20 0.00	41.19 -4.42 0.00	40.00 -3.91 0.00
GOETHSLN____LBMP 323567	39.40 2.54 -0.01	36.22 2.18 -0.01	35.84 2.00 -0.01	35.68 1.99 -0.01	37.02 2.03 -0.01	42.31 2.43 -0.01	60.41 3.53 -0.01	69.04 4.03 -0.01	54.77 3.29 -0.01	50.22 2.94 -5.87	42.85 2.85 -0.90	44.41 2.86 -4.90	44.21 2.87 -2.49	44.11 2.88 -2.37	46.09 3.11 -1.56	52.82 3.04 0.00	74.55 4.09 0.00	90.25 5.11 0.00	86.57 4.59 0.00	73.51 3.70 0.00	62.31 3.08 0.00	54.27 2.78 0.00	47.95 2.33 -0.01	45.98 2.06 0.00
GOLAH____69_KV_TB 1_2 80279	35.71 -1.14 0.00	32.81 -1.23 0.00	32.79 -1.05 0.00	32.65 -1.04 0.00	34.28 -0.70 0.00	38.48 -1.40 0.00	54.09 -2.79 0.00	62.01 -2.99 0.00	49.25 -2.21 0.00	40.33 -1.08 0.00	38.51 -0.59 0.00	36.21 -0.44 0.00	37.91 -0.93 0.00	37.82 -1.05 0.00	40.14 -1.28 0.00	47.54 -2.24 0.00	67.50 -2.96 0.00	81.22 -3.92 0.00	78.38 -3.61 0.00	67.02 -2.79 0.00	56.15 -3.08 0.00	49.38 -2.11 0.00	43.98 -1.64 0.00	42.46 -1.45 0.00
GOODYEAR_LAKE_HYD 323669	37.74 0.88 0.00	34.88 0.85 0.00	34.68 0.85 0.00	34.53 0.84 0.00	35.86 0.87 0.00	40.99 1.12 0.00	58.47 1.59 0.00	66.82 1.82 0.00	52.65 1.18 0.00	42.28 0.87 0.00	40.03 0.94 0.00	37.60 0.95 0.00	39.73 0.89 0.00	39.72 0.86 0.00	42.30 0.87 0.00	51.07 1.29 0.00	72.65 2.18 0.00	87.61 2.47 0.00	84.52 2.54 0.00	71.98 2.16 0.00	60.89 1.66 0.00	52.98 1.49 0.00	46.85 1.23 0.00	45.01 1.10 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.78 -0.07 0.00	33.93 -0.10 0.00	33.80 -0.03 0.00	33.66 -0.03 0.00	35.05 0.07 0.00	39.76 -0.12 0.00	56.54 -0.34 0.00	64.80 -0.20 0.00	51.26 -0.21 0.00	41.49 0.08 0.00	39.29 0.20 0.00	36.98 0.33 0.00	38.88 0.04 0.00	38.95 0.08 0.00	41.43 0.00 0.00	49.53 -0.25 0.00	70.32 -0.14 0.00	84.88 -0.26 0.00	81.74 -0.25 0.00	69.74 -0.07 0.00	58.93 -0.30 0.00	51.44 -0.05 0.00	45.57 -0.05 0.00	43.78 -0.13 0.00

GOUDEY___7 23579	36.78 -0.07 0.00	33.93 -0.10 0.00	33.80 -0.03 0.00	33.66 -0.03 0.00	35.05 0.07 0.00	39.76 -0.12 0.00	56.54 -0.34 0.00	64.80 -0.20 0.00	51.26 -0.21 0.00	41.49 0.08 0.00	39.29 0.20 0.00	36.98 0.33 0.00	38.88 0.04 0.00	38.95 0.08 0.00	41.43 0.00 0.00	49.53 -0.25 0.00	70.32 -0.14 0.00	84.88 -0.26 0.00	81.74 -0.25 0.00	69.74 -0.07 0.00	58.93 -0.30 0.00	51.44 -0.05 0.00	45.57 -0.05 0.00	43.78 -0.13 0.00
GOUDEY___8 23580	36.78 -0.07 0.00	33.93 -0.10 0.00	33.80 -0.03 0.00	33.66 -0.03 0.00	35.05 0.07 0.00	39.76 -0.12 0.00	56.54 -0.34 0.00	64.80 -0.20 0.00	51.26 -0.21 0.00	41.49 0.08 0.00	39.29 0.20 0.00	36.98 0.33 0.00	38.88 0.04 0.00	38.95 0.08 0.00	41.43 0.00 0.00	49.53 -0.25 0.00	70.32 -0.14 0.00	84.88 -0.26 0.00	81.74 -0.25 0.00	69.74 -0.07 0.00	58.93 -0.30 0.00	51.44 -0.05 0.00	45.57 -0.05 0.00	43.78 -0.13 0.00
GOWANUS_GT1_1 24077	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.51 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT1_2 24078	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.51 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT1_3 24079	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.51 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT1_4 24080	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.51 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT1_5 24084	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.51 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT1_6 24111	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.51 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT1_7 24112	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.51 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT1_8 24113	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.51 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT2_1 24114	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
GOWANUS_GT2_2 24115	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
GOWANUS_GT2_3 24116	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
GOWANUS_GT2_4 24117	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
GOWANUS_GT2_5 24118	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01

GOWANUS_GT4_5 24134	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT4_6 24135	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT4_7 24136	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GOWANUS_GT4_8 24137	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GREATVRV_69_KV_BK1 356245	39.73 2.87 0.00	36.48 2.45 0.00	35.90 2.06 0.00	35.68 1.99 0.00	37.15 2.17 0.00	42.27 2.39 0.00	59.95 3.07 0.00	67.60 2.60 0.00	46.04 1.24 6.67	38.65 3.27 6.03	40.76 3.52 1.85	39.79 3.44 0.31	40.78 3.53 1.59	42.52 3.58 -0.08	45.42 3.94 -0.06	52.52 2.74 0.00	74.90 4.44 0.00	90.25 5.11 0.00	87.23 5.25 0.00	75.33 5.52 0.00	63.25 4.03 0.00	55.14 3.66 0.00	47.85 2.24 0.00	46.06 2.15 0.00
GREENBSH_115KV_TB3 55895	37.74 0.88 0.00	34.88 0.85 0.00	34.65 0.81 0.00	34.50 0.81 0.00	35.68 0.70 0.00	40.67 0.80 0.00	57.90 1.02 0.00	66.17 1.17 0.00	52.14 0.67 0.00	41.78 0.37 0.00	39.21 0.12 0.00	36.98 0.33 0.00	39.07 0.23 0.00	39.10 0.23 0.00	41.72 0.29 0.00	50.28 0.50 0.00	71.31 0.85 0.00	85.99 0.85 0.00	82.80 0.82 0.00	70.37 0.56 0.00	59.88 0.65 0.00	51.80 0.31 0.00	45.80 0.18 0.00	44.26 0.35 0.00
GREENDGE_115KV_TB5 80291	35.60 -1.25 0.00	32.77 -1.26 0.00	32.82 -1.02 0.00	32.71 -0.98 0.00	34.39 -0.59 0.00	38.76 -1.12 0.00	54.43 -2.45 0.00	62.79 -2.21 0.00	49.41 -2.06 0.00	40.79 -0.62 0.00	38.82 -0.27 0.00	36.50 -0.15 0.00	38.06 -0.78 0.00	38.13 -0.74 0.00	40.43 -0.99 0.00	48.09 -1.69 0.00	68.14 -2.33 0.00	81.90 -3.24 0.00	79.20 -2.79 0.00	68.63 -1.19 0.00	57.51 -1.72 0.00	50.30 -1.18 0.00	45.16 -0.46 0.00	43.30 -0.61 0.00
GREENIDGE___3 23582	35.60 -1.25 0.00	32.77 -1.26 0.00	32.82 -1.02 0.00	32.71 -0.98 0.00	34.39 -0.59 0.00	38.76 -1.12 0.00	54.43 -2.45 0.00	62.79 -2.21 0.00	49.41 -2.06 0.00	40.79 -0.62 0.00	38.82 -0.27 0.00	36.50 -0.15 0.00	38.06 -0.78 0.00	38.13 -0.74 0.00	40.43 -0.99 0.00	48.09 -1.69 0.00	68.14 -2.33 0.00	81.90 -3.24 0.00	79.20 -2.79 0.00	68.63 -1.19 0.00	57.51 -1.72 0.00	50.30 -1.18 0.00	45.16 -0.46 0.00	43.30 -0.61 0.00
GREENIDGE___4 23583	35.60 -1.25 0.00	32.81 -1.22 0.00	32.82 -1.01 0.00	32.71 -0.98 0.00	34.39 -0.59 0.00	38.84 -1.04 0.00	54.44 -2.44 0.00	62.79 -2.21 0.00	49.82 -1.65 0.00	40.79 -0.62 0.00	38.82 -0.27 0.00	36.58 -0.07 0.00	38.10 -0.74 0.00	38.13 -0.74 0.00	40.39 -1.03 0.00	48.04 -1.74 0.00	68.14 -2.32 0.00	81.90 -3.24 0.00	79.19 -2.79 0.00	68.63 -1.19 0.00	57.93 -1.30 0.00	50.31 -1.18 0.00	45.21 -0.41 0.00	43.47 -0.44 0.00
GREENLWN_69_KV_BK 3 55738	39.07 2.21 0.00	35.90 1.87 0.00	35.36 1.52 0.00	35.14 1.45 0.00	36.56 1.57 0.00	41.47 1.60 0.00	58.64 1.76 0.00	66.36 1.36 0.00	44.11 1.13 8.49	40.18 2.82 4.05	42.57 3.05 -0.43	40.04 3.04 -0.35	42.48 3.07 -0.57	42.08 3.11 -0.10	44.89 3.40 -0.06	51.62 1.84 0.00	73.49 3.03 0.00	88.29 3.15 0.00	85.18 3.20 0.00	73.58 3.77 0.00	61.89 2.67 0.00	53.96 2.47 0.00	46.94 1.32 0.00	45.36 1.45 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.51 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01
GRISSOM___SOLAR 323813	38.07 1.21 0.00	35.26 1.22 0.00	34.99 1.15 0.00	34.80 1.11 0.00	36.14 1.15 0.00	41.39 1.51 0.00	59.10 2.22 0.00	67.14 2.14 0.00	51.67 0.21 0.00	40.91 -0.50 0.00	38.35 -0.74 0.00	35.95 -0.70 0.00	38.06 -0.78 0.00	38.25 -0.62 0.00	41.14 -0.29 0.00	50.42 0.65 0.00	72.78 2.32 0.00	88.12 2.98 0.00	85.18 3.19 0.00	72.32 2.51 0.00	61.36 2.13 0.00	53.14 1.65 0.00	46.98 1.37 0.00	45.27 1.36 0.00
GROVEVILLE___HYD 323602	39.10 2.25 0.00	36.01 1.97 0.00	35.63 1.79 0.00	35.51 1.82 0.00	36.87 1.89 0.00	42.15 2.27 0.00	60.24 3.36 0.00	68.70 3.70 0.00	54.30 2.83 0.00	43.64 2.24 0.00	41.21 2.11 0.00	38.77 2.13 0.00	40.98 2.14 0.00	41.01 2.14 0.00	43.79 2.36 0.00	52.47 2.69 0.00	74.48 4.02 0.00	90.25 5.11 0.00	86.57 4.59 0.00	73.44 3.63 0.00	62.25 3.02 0.00	54.32 2.83 0.00	47.94 2.33 0.00	45.93 2.02 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.41 -0.44 0.00	33.62 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.67 -0.31 0.00	39.44 -0.44 0.00	56.14 -0.74 0.00	64.28 -0.71 0.00	51.00 -0.46 0.00	41.12 -0.29 0.00	38.86 -0.23 0.00	36.54 -0.11 0.00	38.53 -0.31 0.00	38.56 -0.31 0.00	41.06 -0.37 0.00	49.23 -0.55 0.00	69.69 -0.78 0.00	84.20 -0.94 0.00	81.00 -0.98 0.00	69.05 -0.77 0.00	58.40 -0.83 0.00	50.92 -0.57 0.00	45.02 -0.59 0.00	43.30 -0.61 0.00
HAMLTNNY_34_KV_TB 80303	36.41 -0.44 0.00	33.62 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.70 -0.28 0.00	39.48 -0.40 0.00	56.14 -0.74 0.00	64.28 -0.71 0.00	51.00 -0.46 0.00	41.12 -0.29 0.00	38.90 -0.20 0.00	36.58 -0.07 0.00	38.53 -0.31 0.00	38.60 -0.27 0.00	41.06 -0.37 0.00	49.23 -0.55 0.00	69.76 -0.70 0.00	84.29 -0.85 0.00	81.08 -0.90 0.00	69.12 -0.70 0.00	58.40 -0.83 0.00	50.92 -0.57 0.00	45.07 -0.55 0.00	43.30 -0.61 0.00

HAMPSHIRE___PAPER_HYD 323593	36.82 -0.04 0.00	34.10 0.07 0.00	33.94 0.10 0.00	33.79 0.10 0.00	35.05 0.07 0.00	40.16 0.28 0.00	57.45 0.57 0.00	65.72 0.72 0.00	51.93 0.46 0.00	41.49 0.08 0.00	39.33 0.24 0.00	36.61 -0.04 0.00	39.00 0.16 0.00	38.87 0.00 0.00	41.30 -0.12 0.00	50.18 0.40 0.00	70.96 0.50 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.32 0.00	60.35 1.12 0.00	53.03 1.54 0.00	47.08 1.46 0.00	45.19 1.27 0.00
HARDSCRABBLE_WT_PWR 323673	37.59 0.74 0.00	34.78 0.75 0.00	34.62 0.78 0.00	34.47 0.78 0.00	35.75 0.77 0.00	40.83 0.96 0.00	58.24 1.36 0.00	66.50 1.50 0.00	52.60 1.13 0.00	42.24 0.83 0.00	40.00 0.90 0.00	37.57 0.92 0.00	39.74 0.89 0.00	39.72 0.85 0.00	42.38 0.95 0.00	51.27 1.49 0.00	72.93 2.46 0.00	88.29 3.15 0.00	85.27 3.28 0.00	72.81 3.00 0.00	61.77 2.55 0.00	53.75 2.26 0.00	47.76 2.14 0.00	46.06 2.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	38.99 2.14 0.00	35.87 1.84 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.73 1.75 0.00	41.99 2.11 0.00	60.01 3.13 0.00	68.44 3.44 0.00	54.09 2.62 0.00	43.56 2.15 0.00	41.17 2.07 0.00	38.74 2.09 0.00	40.94 2.10 0.00	40.97 2.10 0.00	43.71 2.28 0.00	52.32 2.54 0.00	74.20 3.73 0.00	89.82 4.68 0.00	86.25 4.26 0.00	73.24 3.42 0.00	62.01 2.78 0.00	54.11 2.63 0.00	47.81 2.19 0.00	45.80 1.89 0.00
HARSNRAD_115KV_TB1 81005	34.42 -2.43 0.00	31.58 -2.45 0.00	31.64 -2.20 0.00	31.50 -2.19 0.00	33.23 -1.75 0.00	36.44 -3.43 0.00	50.79 -6.09 0.00	58.50 -6.50 0.00	46.42 -5.04 0.00	38.59 -2.82 0.00	37.02 -2.07 0.00	34.93 -1.72 0.00	36.24 -2.60 0.00	36.19 -2.68 0.00	38.45 -2.98 0.00	45.25 -4.53 0.00	64.47 -5.99 0.00	77.14 -8.00 0.00	74.60 -7.38 0.00	64.02 -5.79 0.00	53.54 -5.69 0.00	47.32 -4.17 0.00	42.10 -3.51 0.00	40.84 -3.07 0.00
HARZA MOOSE___RIVER 24016	37.04 0.18 0.00	34.30 0.27 0.00	34.14 0.30 0.00	33.96 0.27 0.00	35.30 0.31 0.00	40.39 0.52 0.00	57.68 0.80 0.00	65.91 0.91 0.00	52.08 0.62 0.00	41.62 0.21 0.00	39.45 0.35 0.00	36.91 0.26 0.00	39.07 0.23 0.00	39.02 0.16 0.00	41.47 0.04 0.00	50.58 0.80 0.00	71.94 1.48 0.00	87.01 1.87 0.00	83.95 1.97 0.00	71.70 1.88 0.00	60.71 1.48 0.00	53.03 1.54 0.00	46.89 1.28 0.00	45.05 1.14 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.19 -0.66 0.00	33.42 -0.61 0.00	33.30 -0.54 0.00	33.12 -0.57 0.00	34.46 -0.52 0.00	39.20 -0.68 0.00	55.74 -1.14 0.00	63.83 -1.17 0.00	50.59 -0.87 0.00	40.83 -0.58 0.00	38.59 -0.51 0.00	36.32 -0.33 0.00	38.26 -0.58 0.00	38.32 -0.54 0.00	40.77 -0.66 0.00	48.83 -0.95 0.00	69.19 -1.27 0.00	83.52 -1.62 0.00	80.34 -1.64 0.00	68.49 -1.33 0.00	57.93 -1.30 0.00	50.51 -0.98 0.00	44.71 -0.91 0.00	42.99 -0.92 0.00
HELLGATE_13_KV_LD 55870	39.70 2.84 -0.01	36.59 2.55 -0.01	36.21 2.37 -0.01	36.09 2.39 -0.01	37.44 2.45 -0.01	42.71 2.83 -0.01	60.70 3.81 -0.01	69.30 4.29 -0.02	54.98 3.50 -0.02	51.56 2.90 -7.25	43.02 2.81 -1.11	45.49 2.79 -6.06	44.76 2.84 -3.08	44.63 2.84 -2.92	46.41 3.07 -1.92	53.26 3.48 0.00	74.97 4.51 0.00	90.76 5.62 0.00	87.15 5.16 0.00	73.93 4.12 0.00	62.67 3.44 0.00	54.78 3.30 0.00	48.59 2.97 -0.01	46.60 2.68 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.70 2.84 -0.01	36.59 2.55 -0.01	36.21 2.37 -0.01	36.09 2.39 -0.01	37.44 2.45 -0.01	42.71 2.83 -0.01	60.70 3.81 -0.01	69.30 4.29 -0.02	54.98 3.50 -0.02	51.56 2.90 -7.25	43.02 2.81 -1.11	45.49 2.79 -6.06	44.76 2.84 -3.08	44.63 2.84 -2.92	46.41 3.07 -1.92	53.26 3.48 0.00	74.97 4.51 0.00	90.76 5.62 0.00	87.15 5.16 0.00	73.93 4.12 0.00	62.67 3.44 0.00	54.78 3.30 0.00	48.59 2.97 -0.01	46.60 2.68 -0.01
HEMPSTEAD____ 23647	39.18 2.32 0.00	36.00 1.97 0.00	35.50 1.66 0.00	35.31 1.62 0.00	36.63 1.64 0.00	41.63 1.75 0.00	59.44 2.56 0.00	67.46 2.47 0.00	50.21 1.91 3.16	42.06 2.98 2.33	42.16 3.13 0.06	39.94 3.08 -0.21	42.09 3.14 -0.10	42.11 3.15 -0.10	44.97 3.48 -0.06	52.27 2.49 0.00	74.35 3.87 -0.01	89.56 4.42 0.00	86.32 4.34 0.00	74.23 4.40 -0.01	62.56 3.31 -0.01	54.33 2.83 -0.01	47.49 1.87 0.00	45.45 1.54 0.00
HICKLING___1 23621	35.09 -1.77 0.00	32.30 -1.74 0.00	32.32 -1.52 0.00	32.21 -1.48 0.00	33.90 -1.08 0.00	38.00 -1.87 0.00	53.70 -3.19 0.00	61.81 -3.18 0.00	48.74 -2.73 0.00	40.17 -1.24 0.00	38.39 -0.70 0.00	36.14 -0.51 0.00	37.64 -1.20 0.00	37.62 -1.24 0.00	39.90 -1.53 0.00	47.14 -2.64 0.00	67.22 -3.24 0.00	81.31 -3.83 0.00	78.46 -3.53 0.00	67.23 -2.58 0.00	56.45 -2.78 0.00	49.53 -1.96 0.00	44.16 -1.46 0.00	42.37 -1.54 0.00
HICKLING___2 23622	35.09 -1.77 0.00	32.30 -1.74 0.00	32.32 -1.52 0.00	32.21 -1.48 0.00	33.90 -1.08 0.00	38.00 -1.87 0.00	53.70 -3.19 0.00	61.81 -3.18 0.00	48.74 -2.73 0.00	40.17 -1.24 0.00	38.39 -0.70 0.00	36.14 -0.51 0.00	37.64 -1.20 0.00	37.62 -1.24 0.00	39.90 -1.53 0.00	47.14 -2.64 0.00	67.22 -3.24 0.00	81.31 -3.83 0.00	78.46 -3.53 0.00	67.23 -2.58 0.00	56.45 -2.78 0.00	49.53 -1.96 0.00	44.16 -1.46 0.00	42.37 -1.54 0.00
HIGH FALLS___HY 23754	39.21 2.36 0.00	36.04 2.01 0.00	35.70 1.86 0.00	35.58 1.89 0.00	36.98 1.99 0.00	42.31 2.43 0.00	60.52 3.64 0.00	68.96 3.96 0.00	54.50 3.04 0.00	43.81 2.40 0.00	41.40 2.31 0.00	38.96 2.31 0.00	41.13 2.29 0.00	41.16 2.29 0.00	43.95 2.53 0.00	52.67 2.89 0.00	74.76 4.30 0.00	90.76 5.62 0.00	87.15 5.16 0.00	74.00 4.19 0.00	62.61 3.38 0.00	54.78 3.30 0.00	48.31 2.69 0.00	46.19 2.28 0.00
HIGH_RIVER___SOLAR 323847	37.92 1.07 0.00	35.12 1.09 0.00	34.89 1.05 0.00	34.70 1.01 0.00	36.00 1.02 0.00	41.19 1.31 0.00	58.82 1.94 0.00	66.62 1.63 0.00	51.47 0.00 0.00	40.99 -0.41 0.00	38.55 -0.55 0.00	36.17 -0.48 0.00	38.26 -0.58 0.00	38.36 -0.51 0.00	41.05 -0.37 0.00	50.08 0.30 0.00	72.29 1.83 0.00	87.69 2.55 0.00	84.68 2.70 0.00	71.98 2.17 0.00	61.07 1.84 0.00	52.88 1.39 0.00	46.80 1.18 0.00	45.10 1.19 0.00
HILLBURN___GT 23639	39.03 2.17 0.00	35.94 1.90 0.00	35.56 1.72 0.00	35.41 1.72 0.00	36.73 1.75 0.00	41.95 2.07 0.00	60.01 3.13 0.00	68.51 3.51 0.00	54.14 2.67 0.00	43.68 2.28 0.00	41.28 2.19 0.00	38.85 2.20 0.00	41.09 2.25 0.00	41.08 2.21 0.00	43.87 2.44 0.00	52.37 2.59 0.00	74.12 3.66 0.00	89.73 4.59 0.00	86.16 4.18 0.00	73.10 3.28 0.00	61.90 2.67 0.00	53.96 2.47 0.00	47.72 2.10 0.00	45.67 1.76 0.00
HILLSIDE_115KV_TB1 80332	34.75 -2.10 0.00	31.99 -2.04 0.00	31.98 -1.86 0.00	31.87 -1.82 0.00	33.51 -1.47 0.00	37.56 -2.31 0.00	53.07 -3.81 0.00	61.03 -3.96 0.00	48.12 -3.35 0.00	39.63 -1.78 0.00	37.88 -1.21 0.00	35.70 -0.95 0.00	37.17 -1.67 0.00	37.16 -1.71 0.00	39.40 -2.03 0.00	46.44 -3.34 0.00	66.23 -4.23 0.00	80.03 -5.11 0.00	77.23 -4.75 0.00	66.18 -3.63 0.00	55.62 -3.61 0.00	48.81 -2.68 0.00	43.52 -2.10 0.00	41.76 -2.15 0.00

HISHELDN_WT_PWR 323625	33.83 -3.02 0.00	31.11 -2.93 0.00	31.27 -2.57 0.00	31.16 -2.53 0.00	32.81 -2.17 0.00	36.49 -3.39 0.00	50.96 -5.92 0.00	58.76 -6.24 0.00	47.04 -4.43 0.00	38.51 -2.90 0.00	36.95 -2.15 0.00	34.93 -1.72 0.00	36.16 -2.68 0.00	36.15 -2.72 0.00	38.36 -3.07 0.00	45.40 -4.38 0.00	64.89 -5.57 0.00	78.07 -7.07 0.00	75.42 -6.56 0.00	64.79 -5.03 0.00	54.85 -4.38 0.00	47.88 -3.61 0.00	42.65 -2.96 0.00	41.41 -2.50 0.00
HOLTSVILLE_IC_1 23690	39.14 2.29 0.00	36.04 2.01 0.00	35.43 1.59 0.00	35.21 1.52 0.00	36.49 1.50 0.00	41.35 1.48 0.00	58.87 1.99 0.00	66.22 1.23 0.01	45.45 0.87 6.89	35.74 2.57 8.23	37.85 2.78 4.03	38.46 2.75 0.94	37.99 2.80 3.65	41.76 2.84 -0.06	44.68 3.19 -0.06	51.42 1.64 0.00	73.13 2.68 0.00	88.20 3.06 0.00	85.18 3.19 0.00	73.37 3.56 0.00	61.71 2.49 0.00	53.60 2.11 0.00	46.71 1.09 0.00	44.74 0.83 0.00
HOLTSVILLE_IC_10 23699	39.29 2.43 0.00	36.14 2.11 0.00	35.56 1.72 0.00	35.34 1.65 0.00	36.63 1.64 0.00	41.51 1.64 0.00	59.10 2.22 0.00	66.42 1.43 0.01	45.44 0.93 6.96	36.02 2.65 8.04	38.07 2.85 3.88	38.58 2.82 0.89	38.21 2.87 3.51	41.84 2.92 -0.06	44.80 3.32 -0.06	51.57 1.79 0.00	73.42 2.96 0.00	88.63 3.49 0.00	85.59 3.60 0.00	73.72 3.91 0.00	61.95 2.73 0.00	53.80 2.32 0.00	46.89 1.28 0.00	44.88 0.96 0.00
HOLTSVILLE_IC_2 23691	39.14 2.29 0.00	36.04 2.01 0.00	35.43 1.59 0.00	35.21 1.52 0.00	36.49 1.50 0.00	41.35 1.48 0.00	58.87 1.99 0.00	66.22 1.23 0.01	45.45 0.87 6.89	35.74 2.57 8.23	37.85 2.78 4.03	38.46 2.75 0.94	37.99 2.80 3.65	41.76 2.84 -0.06	44.68 3.19 -0.06	51.42 1.64 0.00	73.13 2.68 0.00	88.20 3.06 0.00	85.18 3.19 0.00	73.37 3.56 0.00	61.71 2.49 0.00	53.60 2.11 0.00	46.71 1.09 0.00	44.74 0.83 0.00
HOLTSVILLE_IC_3 23692	39.14 2.29 0.00	36.04 2.01 0.00	35.43 1.59 0.00	35.21 1.52 0.00	36.49 1.50 0.00	41.35 1.48 0.00	58.87 1.99 0.00	66.22 1.23 0.01	45.45 0.87 6.89	35.74 2.57 8.23	37.85 2.78 4.03	38.46 2.75 0.94	37.99 2.80 3.65	41.76 2.84 -0.06	44.68 3.19 -0.06	51.42 1.64 0.00	73.13 2.68 0.00	88.20 3.06 0.00	85.18 3.19 0.00	73.37 3.56 0.00	61.71 2.49 0.00	53.60 2.11 0.00	46.71 1.09 0.00	44.74 0.83 0.00
HOLTSVILLE_IC_4 23693	39.14 2.29 0.00	36.04 2.01 0.00	35.43 1.59 0.00	35.21 1.52 0.00	36.49 1.50 0.00	41.35 1.48 0.00	58.87 1.99 0.00	66.22 1.23 0.01	45.45 0.87 6.89	35.74 2.57 8.23	37.85 2.78 4.03	38.46 2.75 0.94	37.99 2.80 3.65	41.76 2.84 -0.06	44.68 3.19 -0.06	51.42 1.64 0.00	73.13 2.68 0.00	88.20 3.06 0.00	85.18 3.19 0.00	73.37 3.56 0.00	61.71 2.49 0.00	53.60 2.11 0.00	46.71 1.09 0.00	44.74 0.83 0.00
HOLTSVILLE_IC_5 23694	39.14 2.29 0.00	36.04 2.01 0.00	35.43 1.59 0.00	35.21 1.52 0.00	36.49 1.50 0.00	41.35 1.48 0.00	58.87 1.99 0.00	66.22 1.23 0.01	45.45 0.87 6.89	35.74 2.57 8.23	37.85 2.78 4.03	38.46 2.75 0.94	37.99 2.80 3.65	41.76 2.84 -0.06	44.68 3.19 -0.06	51.42 1.64 0.00	73.13 2.68 0.00	88.20 3.06 0.00	85.18 3.19 0.00	73.37 3.56 0.00	61.71 2.49 0.00	53.60 2.11 0.00	46.71 1.09 0.00	44.74 0.83 0.00
HOLTSVILLE_IC_6 23695	39.29 2.43 0.00	36.14 2.11 0.00	35.56 1.72 0.00	35.34 1.65 0.00	36.63 1.64 0.00	41.51 1.64 0.00	59.10 2.22 0.00	66.42 1.43 0.01	45.44 0.93 6.96	36.02 2.65 8.04	38.07 2.85 3.88	38.58 2.82 0.89	38.21 2.87 3.51	41.84 2.92 -0.06	44.80 3.32 -0.06	51.57 1.79 0.00	73.42 2.96 0.00	88.63 3.49 0.00	85.59 3.60 0.00	73.72 3.91 0.00	61.95 2.73 0.00	53.80 2.32 0.00	46.89 1.28 0.00	44.88 0.96 0.00
HOLTSVILLE_IC_7 23696	39.29 2.43 0.00	36.14 2.11 0.00	35.56 1.72 0.00	35.34 1.65 0.00	36.63 1.64 0.00	41.51 1.64 0.00	59.10 2.22 0.00	66.42 1.43 0.01	45.44 0.93 6.96	36.02 2.65 8.04	38.07 2.85 3.88	38.58 2.82 0.89	38.21 2.87 3.51	41.84 2.92 -0.06	44.80 3.32 -0.06	51.57 1.79 0.00	73.42 2.96 0.00	88.63 3.49 0.00	85.59 3.60 0.00	73.72 3.91 0.00	61.95 2.73 0.00	53.80 2.32 0.00	46.89 1.28 0.00	44.88 0.96 0.00
HOLTSVILLE_IC_8 23697	39.29 2.43 0.00	36.14 2.11 0.00	35.56 1.72 0.00	35.34 1.65 0.00	36.63 1.64 0.00	41.51 1.64 0.00	59.10 2.22 0.00	66.42 1.43 0.01	45.44 0.93 6.96	36.02 2.65 8.04	38.07 2.85 3.88	38.58 2.82 0.89	38.21 2.87 3.51	41.84 2.92 -0.06	44.80 3.32 -0.06	51.57 1.79 0.00	73.42 2.96 0.00	88.63 3.49 0.00	85.59 3.60 0.00	73.72 3.91 0.00	61.95 2.73 0.00	53.80 2.32 0.00	46.89 1.28 0.00	44.88 0.96 0.00
HOLTSVILLE_IC_9 23698	39.29 2.43 0.00	36.14 2.11 0.00	35.56 1.72 0.00	35.34 1.65 0.00	36.63 1.64 0.00	41.51 1.64 0.00	59.10 2.22 0.00	66.42 1.43 0.01	45.44 0.93 6.96	36.02 2.65 8.04	38.07 2.85 3.88	38.58 2.82 0.89	38.21 2.87 3.51	41.84 2.92 -0.06	44.80 3.32 -0.06	51.57 1.79 0.00	73.42 2.96 0.00	88.63 3.49 0.00	85.59 3.60 0.00	73.72 3.91 0.00	61.95 2.73 0.00	53.80 2.32 0.00	46.89 1.28 0.00	44.88 0.96 0.00
HOMER_HL_115KV_TB2 355744	34.20 -2.65 0.00	31.45 -2.59 0.00	31.47 -2.37 0.00	31.37 -2.32 0.00	33.06 -1.92 0.00	36.84 -3.03 0.00	51.99 -4.89 0.00	60.12 -4.87 0.00	47.35 -4.12 0.00	39.21 -2.19 0.00	37.57 -1.52 0.00	35.44 -1.21 0.00	36.82 -2.02 0.00	36.81 -2.06 0.00	39.03 -2.40 0.00	45.75 -4.03 0.00	65.60 -4.86 0.00	79.18 -5.96 0.00	76.57 -5.41 0.00	65.56 -4.26 0.00	54.97 -4.26 0.00	48.35 -3.14 0.00	43.15 -2.46 0.00	41.36 -2.55 0.00
HOWARD_WT_PWR 323690	33.47 -3.39 0.00	30.80 -3.23 0.00	30.96 -2.88 0.00	30.89 -2.80 0.00	32.57 -2.41 0.00	36.57 -3.31 0.00	51.48 -5.40 0.00	59.54 -5.46 0.00	47.35 -4.12 0.00	38.63 -2.77 0.00	36.98 -2.11 0.00	34.93 -1.72 0.00	36.20 -2.64 0.00	36.30 -2.57 0.00	38.65 -2.78 0.00	46.05 -3.73 0.00	66.09 -4.37 0.00	80.12 -5.02 0.00	77.55 -4.43 0.00	66.81 -3.00 0.00	56.45 -2.78 0.00	49.17 -2.32 0.00	43.93 -1.69 0.00	42.42 -1.49 0.00
HQ_GEN_CEDARS 23644	37.08 0.22 0.00	34.24 0.20 0.00	34.08 0.24 0.00	33.96 0.27 0.00	35.30 0.31 0.00	40.39 0.52 0.00	57.79 0.91 0.00	65.91 0.91 0.00	52.19 0.72 0.00	41.99 0.58 0.00	39.72 0.63 0.00	36.87 0.22 0.00	39.46 0.62 0.00	39.45 0.58 0.00	42.05 0.62 0.00	50.68 0.90 0.00	71.38 0.92 0.00	86.59 1.45 0.00	83.62 1.64 0.00	71.28 1.47 0.00	60.77 1.54 0.00	52.88 1.39 0.00	47.03 1.41 0.00	45.19 1.27 0.00
HQ_GEN_CEDARS_PROXY 323590	37.08 0.22 0.00	34.24 0.21 0.00	34.08 0.24 0.00	33.96 0.27 0.00	35.30 0.31 0.00	40.39 0.52 0.00	57.79 0.91 0.00	65.91 0.91 0.00	52.19 0.72 0.00	41.99 0.58 0.00	39.72 0.62 0.00	36.87 0.22 0.00	39.46 0.62 0.00	39.45 0.58 0.00	42.05 0.62 0.00	50.68 0.90 0.00	71.38 0.91 0.00	86.59 1.45 0.00	83.62 1.64 0.00	71.28 1.47 0.00	60.86 1.42 -0.22	52.66 1.39 0.22	47.03 1.42 0.00	45.19 1.27 0.00

HQ_GEN_IMPORT 323601	36.75 -0.11 0.00	33.90 -0.14 0.00	33.74 -0.10 0.00	33.59 -0.10 0.00	34.88 -0.10 0.00	39.84 -0.04 0.00	56.99 0.11 0.00	65.06 0.07 0.00	51.57 0.10 0.00	41.49 0.08 0.00	39.21 0.12 0.00	36.54 -0.11 0.00	38.96 0.12 0.00	38.99 0.12 0.00	41.55 0.12 0.00	49.98 0.20 0.00	70.60 0.14 0.00	85.57 0.43 0.00	82.39 0.41 0.00	70.17 0.35 0.00	59.80 0.36 -0.22	51.58 0.31 0.22	45.98 0.36 0.00	44.26 0.35 0.00
HQ_GEN_WHEEL 23651	36.75 -0.11 0.00	33.90 -0.14 0.00	33.74 -0.10 0.00	33.59 -0.10 0.00	34.88 -0.10 0.00	39.84 -0.04 0.00	56.99 0.11 0.00	65.06 0.07 0.00	51.57 0.10 0.00	41.49 0.08 0.00	39.21 0.12 0.00	36.54 -0.11 0.00	38.96 0.12 0.00	38.99 0.12 0.00	41.55 0.12 0.00	49.98 0.20 0.00	70.60 0.14 0.00	85.57 0.43 0.00	82.39 0.41 0.00	70.17 0.35 0.00	59.80 0.36 -0.22	51.58 0.31 0.22	45.98 0.36 0.00	44.26 0.35 0.00
HUDSON AVE_GT_3 23810	39.52 2.65 -0.01	36.35 2.31 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.16 2.17 -0.01	42.47 2.59 -0.01	60.58 3.70 -0.01	69.30 4.29 -0.01	54.93 3.45 -0.01	50.43 2.98 -6.04	42.91 2.89 -0.92	44.55 2.86 -5.05	44.32 2.91 -2.57	44.22 2.92 -2.43	46.18 3.15 -1.60	53.06 3.29 0.00	74.97 4.51 0.00	90.67 5.53 0.00	87.07 5.08 0.00	73.86 4.05 0.00	62.61 3.38 0.00	54.58 3.09 0.00	48.22 2.60 -0.01	46.19 2.28 0.00
HUDSON AVE_GT_4 23540	39.52 2.65 -0.01	36.35 2.31 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.16 2.17 -0.01	42.47 2.59 -0.01	60.58 3.70 -0.01	69.30 4.29 -0.01	54.93 3.45 -0.01	50.43 2.98 -6.04	42.91 2.89 -0.92	44.55 2.86 -5.05	44.32 2.91 -2.57	44.22 2.92 -2.43	46.18 3.15 -1.60	53.06 3.29 0.00	74.97 4.51 0.00	90.67 5.53 0.00	87.07 5.08 0.00	73.86 4.05 0.00	62.61 3.38 0.00	54.58 3.09 0.00	48.22 2.60 -0.01	46.19 2.28 0.00
HUDSON AVE_GT_5 23657	39.52 2.65 -0.01	36.35 2.31 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.16 2.17 -0.01	42.47 2.59 -0.01	60.58 3.70 -0.01	69.30 4.29 -0.01	54.93 3.45 -0.01	50.43 2.98 -6.04	42.91 2.89 -0.92	44.55 2.86 -5.05	44.32 2.91 -2.57	44.22 2.92 -2.43	46.18 3.15 -1.60	53.06 3.29 0.00	74.97 4.51 0.00	90.67 5.53 0.00	87.07 5.08 0.00	73.86 4.05 0.00	62.61 3.38 0.00	54.58 3.09 0.00	48.22 2.60 -0.01	46.19 2.28 0.00
HUDSON_AVE_10 24168	39.40 2.54 -0.01	36.25 2.21 -0.01	35.84 2.00 -0.01	35.68 1.99 -0.01	37.02 2.03 -0.01	42.39 2.51 -0.01	60.53 3.64 -0.01	69.24 4.22 -0.01	54.93 3.45 -0.01	50.23 3.02 -5.80	42.91 2.93 -0.88	44.39 2.90 -4.85	44.22 2.91 -2.46	44.16 2.95 -2.34	46.15 3.19 -1.54	53.02 3.24 0.00	74.90 4.44 0.00	90.67 5.53 0.00	86.98 5.00 0.00	73.86 4.05 0.00	62.61 3.38 0.00	54.53 3.04 0.00	48.13 2.51 -0.01	46.11 2.20 0.00
HUDSON___115KV_TB 4 355613	38.22 1.36 0.00	35.36 1.33 0.00	35.09 1.25 0.00	34.94 1.25 0.00	36.21 1.22 0.00	41.31 1.44 0.00	58.99 2.10 0.00	67.27 2.27 0.00	52.65 1.18 0.00	42.03 0.62 0.00	39.41 0.31 0.00	37.09 0.44 0.00	39.19 0.35 0.00	39.26 0.39 0.00	41.93 0.50 0.00	50.73 0.95 0.00	72.36 1.90 0.00	87.69 2.55 0.00	84.61 2.62 0.00	71.84 2.02 0.00	61.01 1.78 0.00	52.88 1.39 0.00	46.67 1.05 0.00	45.05 1.14 0.00
HUNTER MOUNT___DRP 323613	38.22 1.36 0.00	35.33 1.29 0.00	35.09 1.25 0.00	34.94 1.25 0.00	36.24 1.26 0.00	41.35 1.48 0.00	59.10 2.22 0.00	67.34 2.34 0.00	52.60 1.13 0.00	41.90 0.50 0.00	39.25 0.16 0.00	36.94 0.29 0.00	39.04 0.19 0.00	39.10 0.23 0.00	41.80 0.37 0.00	50.63 0.85 0.00	72.43 1.97 0.00	87.95 2.81 0.00	84.77 2.79 0.00	71.98 2.16 0.00	61.13 1.90 0.00	53.03 1.54 0.00	46.80 1.19 0.00	45.14 1.23 0.00
HUNTINGTON_RES_REC 323705	39.14 2.29 0.00	35.97 1.94 0.00	35.40 1.56 0.00	35.17 1.48 0.00	36.49 1.50 0.00	41.23 1.36 0.00	58.75 1.87 0.00	66.29 1.30 0.01	44.37 0.93 8.02	33.02 2.69 11.07	34.73 2.89 7.26	37.64 2.86 1.87	35.07 2.95 6.72	41.89 2.99 -0.03	44.84 3.35 -0.06	51.57 1.79 0.00	73.42 2.96 0.00	88.55 3.41 0.00	85.51 3.52 0.00	73.65 3.84 0.00	61.95 2.73 0.00	53.75 2.26 0.00	46.89 1.28 0.00	44.92 1.01 0.00
HUNTLEY___63 23557	34.39 -2.47 0.00	31.51 -2.52 0.00	31.57 -2.27 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.52 -3.35 0.01	50.85 -6.03 0.00	58.69 -6.30 0.00	46.53 -4.94 0.00	38.72 -2.69 0.00	37.18 -1.92 0.00	35.07 -1.58 0.00	36.36 -2.49 0.00	36.38 -2.49 0.00	38.65 -2.78 0.00	45.45 -4.33 0.00	64.90 -5.57 0.00	77.65 -7.49 0.00	75.10 -6.89 0.00	64.37 -5.45 0.00	53.84 -5.39 0.00	47.57 -3.91 0.00	42.38 -3.24 0.00	41.06 -2.85 0.00
HUNTLEY___64 23558	34.39 -2.47 0.00	31.51 -2.52 0.00	31.57 -2.27 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.52 -3.35 0.01	50.85 -6.03 0.00	58.69 -6.30 0.00	46.53 -4.94 0.00	38.72 -2.69 0.00	37.18 -1.92 0.00	35.07 -1.58 0.00	36.36 -2.49 0.00	36.38 -2.49 0.00	38.65 -2.78 0.00	45.45 -4.33 0.00	64.90 -5.57 0.00	77.65 -7.49 0.00	75.10 -6.89 0.00	64.37 -5.45 0.00	53.84 -5.39 0.00	47.57 -3.91 0.00	42.38 -3.24 0.00	41.06 -2.85 0.00
HUNTLEY___65 23559	34.39 -2.47 0.00	31.51 -2.52 0.00	31.57 -2.27 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.52 -3.35 0.01	50.85 -6.03 0.00	58.69 -6.30 0.00	46.53 -4.94 0.00	38.72 -2.69 0.00	37.18 -1.92 0.00	35.07 -1.58 0.00	36.36 -2.49 0.00	36.38 -2.49 0.00	38.65 -2.78 0.00	45.45 -4.33 0.00	64.90 -5.57 0.00	77.65 -7.49 0.00	75.10 -6.89 0.00	64.37 -5.45 0.00	53.84 -5.39 0.00	47.57 -3.91 0.00	42.38 -3.24 0.00	41.06 -2.85 0.00
HUNTLEY___66 23560	34.39 -2.47 0.00	31.51 -2.52 0.00	31.57 -2.27 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.52 -3.35 0.01	50.85 -6.03 0.00	58.69 -6.30 0.00	46.53 -4.94 0.00	38.72 -2.69 0.00	37.18 -1.92 0.00	35.07 -1.58 0.00	36.36 -2.49 0.00	36.38 -2.49 0.00	38.65 -2.78 0.00	45.45 -4.33 0.00	64.90 -5.57 0.00	77.65 -7.49 0.00	75.10 -6.89 0.00	64.37 -5.45 0.00	53.84 -5.39 0.00	47.57 -3.91 0.00	42.38 -3.24 0.00	41.06 -2.85 0.00
HUNTLEY___67 23561	34.31 -2.54 0.00	31.48 -2.55 0.00	31.54 -2.30 0.00	31.40 -2.29 0.00	33.13 -1.85 0.00	36.53 -3.35 0.00	50.91 -5.97 0.00	58.69 -6.30 0.00	46.53 -4.94 0.00	38.72 -2.69 0.00	37.18 -1.92 0.00	35.04 -1.61 0.00	36.36 -2.49 0.00	36.34 -2.53 0.00	38.61 -2.82 0.00	45.45 -4.33 0.00	64.75 -5.71 0.00	77.48 -7.66 0.00	74.93 -7.05 0.00	64.23 -5.59 0.00	53.78 -5.45 0.00	47.47 -4.02 0.00	42.29 -3.33 0.00	40.93 -2.99 0.00
HUNTLEY___68 23562	34.31 -2.54 0.00	31.48 -2.55 0.00	31.54 -2.30 0.00	31.40 -2.29 0.00	33.13 -1.85 0.00	36.53 -3.35 0.00	50.91 -5.97 0.00	58.69 -6.30 0.00	46.53 -4.94 0.00	38.72 -2.69 0.00	37.18 -1.92 0.00	35.04 -1.61 0.00	36.36 -2.49 0.00	36.34 -2.53 0.00	38.61 -2.82 0.00	45.45 -4.33 0.00	64.75 -5.71 0.00	77.48 -7.66 0.00	74.93 -7.05 0.00	64.23 -5.59 0.00	53.78 -5.45 0.00	47.47 -4.02 0.00	42.29 -3.33 0.00	40.93 -2.99 0.00

HYLAND___LFGE 323620	36.26 -0.59 0.00	33.28 -0.75 0.00	33.36 -0.47 0.00	33.25 -0.44 0.00	35.02 0.04 0.00	39.68 -0.20 0.00	56.03 -0.85 0.00	64.41 -0.59 0.00	50.95 -0.51 0.00	40.79 -0.62 0.00	38.74 -0.35 0.00	36.35 -0.29 0.00	37.71 -1.13 0.00	37.66 -1.21 0.00	40.02 -1.41 0.00	47.84 -1.94 0.00	66.73 -3.74 0.00	81.57 -3.57 0.00	79.36 -2.63 0.00	68.28 -1.54 0.00	57.45 -1.78 0.00	50.05 -1.44 0.00	45.94 0.32 0.00	44.22 0.31 0.00
INDECK___CORINTH 23802	37.81 0.96 0.00	35.02 0.99 0.00	34.78 0.95 0.00	34.56 0.87 0.00	35.86 0.87 0.00	41.07 1.20 0.00	58.47 1.59 0.00	66.82 1.82 0.00	51.98 0.51 0.00	41.62 0.21 0.00	39.02 -0.08 0.00	36.69 0.04 0.00	38.80 -0.04 0.00	38.71 -0.15 0.00	41.39 -0.04 0.00	50.13 0.35 0.00	71.80 1.34 0.00	86.75 1.61 0.00	83.71 1.72 0.00	71.07 1.26 0.00	60.53 1.30 0.00	52.31 0.82 0.00	46.26 0.64 0.00	44.74 0.83 0.00
INDECK___ILION 23567	37.41 0.55 0.00	34.61 0.58 0.00	34.41 0.58 0.00	34.26 0.57 0.00	35.54 0.56 0.00	40.55 0.68 0.00	57.85 0.97 0.00	66.04 1.04 0.00	52.24 0.77 0.00	41.99 0.58 0.00	39.72 0.63 0.00	37.27 0.62 0.00	39.42 0.58 0.00	39.45 0.58 0.00	42.05 0.62 0.00	50.78 1.00 0.00	72.08 1.62 0.00	87.10 1.96 0.00	83.95 1.97 0.00	71.63 1.82 0.00	60.71 1.48 0.00	52.78 1.29 0.00	46.80 1.19 0.00	45.10 1.19 0.00
INDECK___OLEAN 23982	34.20 -2.65 0.00	31.48 -2.55 0.00	31.47 -2.37 0.00	31.37 -2.32 0.00	33.06 -1.92 0.00	36.96 -2.91 0.00	51.99 -4.89 0.00	60.12 -4.88 0.00	47.86 -3.60 0.00	39.21 -2.20 0.00	37.61 -1.49 0.00	35.55 -1.10 0.00	36.86 -1.98 0.00	36.81 -2.06 0.00	38.98 -2.44 0.00	45.75 -4.03 0.00	65.60 -4.86 0.00	79.18 -5.96 0.00	76.57 -5.41 0.00	65.63 -4.19 0.00	55.44 -3.79 0.00	48.40 -3.09 0.00	43.15 -2.46 0.00	41.58 -2.33 0.00
INDECK___OSWEGO 23783	35.82 -1.03 0.00	33.11 -0.92 0.00	32.96 -0.88 0.00	32.75 -0.94 0.00	34.07 -0.91 0.00	38.76 -1.12 0.00	55.12 -1.76 0.00	63.05 -1.95 0.00	50.08 -1.39 0.00	40.29 -1.12 0.00	38.04 -1.05 0.00	35.81 -0.84 0.00	37.75 -1.09 0.00	37.78 -1.09 0.00	40.19 -1.24 0.00	47.89 -1.89 0.00	67.78 -2.68 0.00	81.82 -3.32 0.00	78.78 -3.20 0.00	67.16 -2.65 0.00	56.98 -2.25 0.00	49.99 -1.49 0.00	44.25 -1.37 0.00	42.55 -1.36 0.00
INDECK___YERKES 23781	34.39 -2.47 0.00	31.58 -2.45 0.00	31.60 -2.23 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.68 -3.19 0.01	50.91 -5.97 0.00	58.76 -6.24 0.00	47.35 -4.12 0.00	38.76 -2.65 0.00	37.22 -1.88 0.00	35.26 -1.39 0.00	36.43 -2.41 0.00	36.42 -2.45 0.00	38.61 -2.82 0.00	45.50 -4.28 0.00	64.97 -5.50 0.00	77.73 -7.41 0.00	75.10 -6.89 0.00	64.44 -5.37 0.00	54.55 -4.68 0.00	47.73 -3.76 0.00	42.42 -3.19 0.00	41.41 -2.50 0.00
INDIAN POINT_GT_1 24139	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.95 2.07 0.00	59.90 3.01 0.00	68.38 3.38 0.00	54.14 2.68 0.00	43.83 2.28 -0.15	41.31 2.19 -0.02	38.97 2.20 -0.12	41.12 2.21 -0.06	41.14 2.22 -0.06	43.87 2.40 -0.04	52.32 2.54 0.00	74.06 3.59 0.00	89.57 4.43 0.00	86.00 4.02 0.00	73.03 3.21 0.00	61.84 2.61 0.00	53.91 2.42 0.00	47.67 2.05 0.00	45.67 1.76 0.00
INDIAN POINT_GT_2 23659	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.95 2.07 0.00	59.90 3.01 0.00	68.38 3.38 0.00	54.14 2.68 0.00	43.83 2.28 -0.15	41.31 2.19 -0.02	38.97 2.20 -0.12	41.12 2.21 -0.06	41.14 2.22 -0.06	43.87 2.40 -0.04	52.32 2.54 0.00	74.06 3.59 0.00	89.57 4.43 0.00	86.00 4.02 0.00	73.03 3.21 0.00	61.84 2.61 0.00	53.91 2.42 0.00	47.67 2.05 0.00	45.67 1.76 0.00
INDIAN POINT_GT_3 24019	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.95 2.07 0.00	59.90 3.01 0.00	68.38 3.38 0.00	54.14 2.68 0.00	43.83 2.28 -0.15	41.31 2.19 -0.02	38.97 2.20 -0.12	41.12 2.21 -0.06	41.14 2.22 -0.06	43.87 2.40 -0.04	52.32 2.54 0.00	74.06 3.59 0.00	89.57 4.43 0.00	86.00 4.02 0.00	73.03 3.21 0.00	61.84 2.61 0.00	53.91 2.42 0.00	47.67 2.05 0.00	45.67 1.76 0.00
INDIAN POINT___2 23530	38.95 2.10 0.00	35.87 1.84 0.00	35.50 1.66 0.00	35.34 1.65 0.00	36.66 1.68 0.00	41.87 1.99 0.00	59.84 2.96 0.00	68.31 3.31 0.00	54.04 2.57 0.00	43.60 2.19 0.00	41.21 2.11 0.00	38.77 2.12 0.00	41.01 2.17 0.00	41.04 2.18 0.00	43.79 2.36 0.00	52.27 2.49 0.00	73.91 3.45 0.00	89.48 4.34 0.00	85.92 3.94 0.00	72.88 3.07 0.00	61.77 2.55 0.00	53.86 2.37 0.00	47.62 2.00 0.00	45.54 1.63 0.00
INDIAN POINT___3 23531	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.41 1.72 0.00	36.73 1.75 0.00	41.99 2.11 0.00	59.90 3.01 0.00	68.38 3.38 0.00	54.14 2.68 0.00	43.84 2.28 -0.15	41.31 2.19 -0.02	38.98 2.20 -0.13	41.12 2.21 -0.07	41.15 2.22 -0.06	43.87 2.40 -0.04	52.32 2.54 0.00	73.99 3.52 0.00	89.57 4.43 0.00	86.00 4.02 0.00	72.96 3.14 0.00	61.84 2.61 0.00	53.91 2.42 0.00	47.67 2.05 0.00	45.67 1.76 0.00
INGHAM_C_115KV_TB7 356103	38.15 1.29 0.00	35.26 1.23 0.00	35.09 1.25 0.00	34.94 1.25 0.00	36.21 1.22 0.00	41.35 1.48 0.00	58.93 2.05 0.00	67.34 2.34 0.00	53.27 1.80 0.00	42.77 1.37 0.00	40.54 1.45 0.00	38.08 1.43 0.00	40.24 1.40 0.00	40.27 1.40 0.00	42.96 1.53 0.00	51.92 2.14 0.00	73.84 3.38 0.00	89.31 4.17 0.00	86.25 4.26 0.00	73.65 3.84 0.00	62.43 3.20 0.00	54.32 2.83 0.00	48.31 2.69 0.00	46.59 2.68 0.00
IP CORINTH___1 23988	38.00 1.14 0.00	35.19 1.16 0.00	34.95 1.12 0.00	34.77 1.08 0.00	36.03 1.05 0.00	41.27 1.40 0.00	58.76 1.88 0.00	67.21 2.21 0.00	52.39 0.93 0.00	41.82 0.41 0.00	39.25 0.16 0.00	36.91 0.26 0.00	39.00 0.16 0.00	38.91 0.04 0.00	41.59 0.17 0.00	50.43 0.65 0.00	72.22 1.76 0.00	87.27 2.13 0.00	84.20 2.21 0.00	71.42 1.61 0.00	60.95 1.72 0.00	52.57 1.08 0.00	46.53 0.91 0.00	45.01 1.10 0.00
IP___TICONDEROGA 23804	39.25 2.40 0.00	36.48 2.45 0.00	36.21 2.37 0.00	35.98 2.29 0.00	37.33 2.34 0.00	42.91 3.03 0.00	61.15 4.27 0.00	69.87 4.87 0.00	53.89 2.42 0.00	42.90 1.49 0.00	40.19 1.09 0.00	37.75 1.10 0.00	39.85 1.01 0.00	39.76 0.89 0.00	42.59 1.16 0.00	51.82 2.04 0.00	74.97 4.51 0.00	90.84 5.70 0.00	87.97 5.98 0.00	74.56 4.75 0.00	63.55 4.32 0.00	54.73 3.24 0.00	48.22 2.60 0.00	46.72 2.81 0.00
ISLIP_RES_REC 323679	39.47 2.62 0.00	36.31 2.28 0.00	35.70 1.86 0.00	35.47 1.78 0.00	36.77 1.78 0.00	41.71 1.84 0.00	59.38 2.50 0.00	66.68 1.69 0.01	45.70 1.13 6.90	36.60 2.82 7.62	38.65 3.01 3.46	38.84 2.97 0.77	38.80 3.07 3.11	42.04 3.11 -0.06	45.05 3.56 -0.06	51.87 2.09 0.00	73.91 3.45 0.00	89.23 4.09 0.00	86.16 4.18 0.00	74.21 4.40 0.00	62.36 3.14 0.00	54.11 2.62 0.00	47.12 1.50 0.00	45.10 1.19 0.00

JAMAICA__27_KV_LOAD 355505	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.75 2.06 -0.01	37.09 2.10 -0.01	42.51 2.63 -0.01	60.87 3.98 -0.01	69.76 4.74 -0.01	55.39 3.91 -0.01	50.73 3.52 -5.80	43.38 3.40 -0.88	44.83 3.34 -4.85	44.68 3.38 -2.46	44.59 3.38 -2.34	46.61 3.65 -1.54	53.26 3.48 0.00	75.39 4.93 0.00	91.35 6.22 0.00	87.72 5.74 0.00	74.49 4.68 0.00	63.14 3.91 0.00	54.99 3.50 0.00	48.45 2.83 -0.01	46.33 2.42 0.00
JANIS__SOLAR 323808	37.37 0.52 0.00	34.57 0.54 0.00	34.48 0.64 0.00	34.33 0.64 0.00	35.86 0.87 0.00	41.03 1.16 0.00	58.47 1.59 0.00	66.89 1.89 0.00	52.86 1.39 0.00	42.15 0.75 0.00	39.84 0.74 0.00	37.34 0.69 0.00	39.34 0.50 0.00	39.37 0.50 0.00	41.88 0.46 0.00	50.77 1.00 0.00	72.86 2.40 0.00	88.55 3.41 0.00	85.59 3.60 0.00	73.17 3.35 0.00	61.83 2.60 0.00	53.70 2.21 0.00	47.44 1.83 0.00	45.54 1.63 0.00
JARVIS____ 23743	37.00 0.15 0.00	34.20 0.17 0.00	34.01 0.17 0.00	33.83 0.14 0.00	35.12 0.14 0.00	40.04 0.16 0.00	57.05 0.17 0.00	65.19 0.20 0.00	51.57 0.10 0.00	41.49 0.08 0.00	39.14 0.04 0.00	36.76 0.11 0.00	38.92 0.08 0.00	38.91 0.04 0.00	41.47 0.04 0.00	49.93 0.15 0.00	70.74 0.28 0.00	85.40 0.26 0.00	82.23 0.25 0.00	70.02 0.21 0.00	59.41 0.18 0.00	51.64 0.15 0.00	45.71 0.09 0.00	44.00 0.09 0.00
JENNISON____1 23625	37.48 0.63 0.00	34.68 0.65 0.00	34.58 0.74 0.00	34.43 0.74 0.00	35.89 0.91 0.00	41.07 1.20 0.00	58.53 1.65 0.00	66.95 1.95 0.00	52.91 1.44 0.00	42.40 0.99 0.00	40.23 1.13 0.00	37.78 1.14 0.00	39.85 1.01 0.00	39.84 0.97 0.00	42.34 0.91 0.00	51.32 1.54 0.00	73.49 3.03 0.00	89.14 4.00 0.00	85.92 3.94 0.00	73.44 3.63 0.00	61.95 2.72 0.00	53.96 2.47 0.00	47.62 2.01 0.00	45.67 1.76 0.00
JENNISON____2 23626	37.48 0.63 0.00	34.68 0.65 0.00	34.58 0.74 0.00	34.43 0.74 0.00	35.89 0.91 0.00	41.07 1.20 0.00	58.53 1.65 0.00	66.95 1.95 0.00	52.91 1.44 0.00	42.40 0.99 0.00	40.23 1.13 0.00	37.78 1.14 0.00	39.85 1.01 0.00	39.84 0.97 0.00	42.34 0.91 0.00	51.32 1.54 0.00	73.49 3.03 0.00	89.14 4.00 0.00	85.92 3.94 0.00	73.44 3.63 0.00	61.95 2.72 0.00	53.96 2.47 0.00	47.62 2.01 0.00	45.67 1.76 0.00
JERICOHO_RISE_WT_PWR 323719	35.82 -1.03 0.00	33.01 -1.02 0.00	32.82 -1.01 0.00	32.75 -0.94 0.00	34.04 -0.94 0.00	39.00 -0.88 0.00	55.97 -0.91 0.00	63.83 -1.17 0.00	50.54 -0.92 0.00	40.62 -0.79 0.00	38.43 -0.66 0.00	35.70 -0.95 0.00	38.22 -0.62 0.00	38.29 -0.58 0.00	40.89 -0.54 0.00	49.28 -0.50 0.00	69.48 -0.99 0.00	84.55 -0.59 0.00	81.66 -0.33 0.00	69.61 -0.21 0.00	59.23 0.00 0.00	51.59 0.10 0.00	46.07 0.46 0.00	44.31 0.39 0.00
KATONAH__115KV_46KV_TB4 355592	39.14 2.29 0.00	36.04 2.01 0.00	35.63 1.79 0.00	35.51 1.82 0.00	36.84 1.85 0.00	42.15 2.27 0.00	60.12 3.24 0.00	68.64 3.64 0.00	54.45 2.99 0.00	43.89 2.48 0.00	41.48 2.38 0.00	38.99 2.35 0.00	41.25 2.41 0.00	41.28 2.41 0.00	44.00 2.57 0.00	52.62 2.84 0.00	74.55 4.09 0.00	90.16 5.02 0.00	86.49 4.51 0.00	73.44 3.63 0.00	62.19 2.96 0.00	54.22 2.73 0.00	47.85 2.24 0.00	45.84 1.93 0.00
KCE_NY_1 323755	38.37 1.51 0.00	35.49 1.46 0.00	35.26 1.42 0.00	35.07 1.38 0.00	36.35 1.36 0.00	41.59 1.71 0.00	59.21 2.33 0.00	67.67 2.67 0.00	52.86 1.39 0.00	42.28 0.87 0.00	39.68 0.59 0.00	37.34 0.69 0.00	39.46 0.62 0.00	39.49 0.62 0.00	42.17 0.75 0.00	51.07 1.29 0.00	72.93 2.46 0.00	88.04 2.90 0.00	84.93 2.95 0.00	72.11 2.30 0.00	61.30 2.07 0.00	53.03 1.54 0.00	46.89 1.28 0.00	45.36 1.45 0.00
KCE_NY_6_ESR 323823	34.31 -2.54 0.00	31.55 -2.48 0.00	31.57 -2.27 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.80 -3.07 0.00	51.25 -5.63 0.00	59.21 -5.79 0.00	47.55 -3.91 0.00	38.96 -2.44 0.00	37.42 -1.68 0.00	35.40 -1.25 0.00	36.63 -2.21 0.00	36.61 -2.26 0.00	38.82 -2.61 0.00	45.80 -3.98 0.00	65.39 -5.07 0.00	78.41 -6.73 0.00	75.83 -6.15 0.00	65.06 -4.75 0.00	55.08 -4.15 0.00	48.09 -3.40 0.00	42.79 -2.83 0.00	41.63 -2.29 0.00
KEDC PORT_JEFF_GT2 24210	39.22 2.36 0.00	36.11 2.08 0.00	35.50 1.66 0.00	35.27 1.58 0.00	36.56 1.58 0.00	41.43 1.55 0.00	58.99 2.11 0.00	66.29 1.30 0.01	45.35 0.93 7.05	35.57 2.61 8.45	37.57 2.78 4.30	38.42 2.78 1.02	37.76 2.83 3.91	41.80 2.88 -0.06	44.76 3.27 -0.06	51.52 1.74 0.00	73.35 2.89 0.00	88.46 3.32 0.00	85.43 3.44 0.00	73.58 3.77 0.00	61.89 2.67 0.00	53.70 2.21 0.00	46.80 1.18 0.00	44.83 0.92 0.00
KEDC PORT_JEFF_GT3 24211	39.22 2.36 0.00	36.11 2.08 0.00	35.50 1.66 0.00	35.27 1.58 0.00	36.56 1.58 0.00	41.43 1.55 0.00	58.99 2.11 0.00	66.29 1.30 0.01	45.35 0.93 7.05	35.57 2.61 8.45	37.57 2.78 4.30	38.42 2.78 1.02	37.76 2.83 3.91	41.80 2.88 -0.06	44.76 3.27 -0.06	51.52 1.74 0.00	73.35 2.89 0.00	88.46 3.32 0.00	85.43 3.44 0.00	73.58 3.77 0.00	61.89 2.67 0.00	53.70 2.21 0.00	46.80 1.18 0.00	44.83 0.92 0.00
KEDC_GLWD_GT4 24219	39.36 2.51 0.00	36.21 2.18 0.00	35.73 1.89 0.00	35.54 1.85 0.00	36.87 1.89 0.00	41.99 2.11 0.00	59.95 3.07 0.00	68.24 3.25 0.00	51.96 2.57 2.08	42.74 3.02 1.69	42.12 3.09 0.06	39.94 3.08 -0.21	42.05 3.11 -0.10	42.11 3.15 -0.10	44.93 3.44 -0.06	52.67 2.89 0.00	74.77 4.30 -0.01	90.25 5.11 0.00	86.82 4.84 0.00	74.30 4.47 -0.01	62.73 3.49 -0.01	54.53 3.04 -0.01	47.85 2.23 0.00	45.80 1.89 0.00
KEDC_GLWD_GT5 24220	39.36 2.51 0.00	36.21 2.18 0.00	35.73 1.89 0.00	35.54 1.85 0.00	36.87 1.89 0.00	41.99 2.11 0.00	59.95 3.07 0.00	68.24 3.25 0.00	51.96 2.57 2.08	42.74 3.02 1.69	42.12 3.09 0.06	39.94 3.08 -0.21	42.05 3.11 -0.10	42.11 3.15 -0.10	44.93 3.44 -0.06	52.67 2.89 0.00	74.77 4.30 -0.01	90.25 5.11 0.00	86.82 4.84 0.00	74.30 4.47 -0.01	62.73 3.49 -0.01	54.53 3.04 -0.01	47.85 2.23 0.00	45.80 1.89 0.00
KENSICO____ 23655	39.14 2.29 0.00	36.01 1.97 0.00	35.63 1.79 0.00	35.48 1.79 0.00	36.80 1.82 0.00	42.07 2.19 0.00	60.01 3.13 0.00	68.57 3.57 0.00	54.35 2.88 0.00	44.00 2.40 -0.19	41.47 2.35 -0.03	39.16 2.35 -0.16	41.29 2.37 -0.08	41.32 2.37 -0.08	44.05 2.57 -0.05	52.52 2.74 0.00	74.27 3.80 0.00	89.82 4.68 0.00	86.25 4.26 0.00	73.24 3.42 0.00	62.01 2.78 0.00	54.06 2.57 0.00	47.76 2.14 0.00	45.80 1.89 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.10 2.25 0.00	36.01 1.97 0.00	35.63 1.79 0.00	35.54 1.85 0.00	36.91 1.92 0.00	42.23 2.35 0.00	60.41 3.53 0.00	68.83 3.83 0.00	54.35 2.88 0.00	43.64 2.24 0.00	41.21 2.11 0.00	38.77 2.13 0.00	40.98 2.14 0.00	41.01 2.14 0.00	43.75 2.32 0.00	52.47 2.69 0.00	74.55 4.09 0.00	90.50 5.36 0.00	86.98 5.00 0.00	73.79 3.98 0.00	62.49 3.26 0.00	54.63 3.14 0.00	48.22 2.60 0.00	46.11 2.20 0.00

KIAC_JFK_GT1 23816	39.40 2.54 -0.01	36.22 2.18 -0.01	35.81 1.96 -0.01	35.65 1.95 -0.01	36.98 1.99 -0.01	42.43 2.55 -0.01	60.70 3.81 -0.01	69.56 4.55 -0.01	55.24 3.76 -0.01	50.61 3.40 -5.80	43.27 3.28 -0.88	44.72 3.23 -4.85	44.57 3.26 -2.46	44.51 3.30 -2.34	46.49 3.52 -1.54	53.16 3.39 0.00	75.18 4.72 0.00	91.01 5.87 0.00	87.48 5.49 0.00	74.21 4.40 0.00	62.90 3.67 0.00	54.78 3.30 0.00	48.32 2.69 -0.01	46.19 2.28 0.00
KIAC_JFK_GT2 23817	39.40 2.54 -0.01	36.22 2.18 -0.01	35.81 1.96 -0.01	35.65 1.95 -0.01	36.98 1.99 -0.01	42.43 2.55 -0.01	60.70 3.81 -0.01	69.56 4.55 -0.01	55.24 3.76 -0.01	50.61 3.40 -5.80	43.27 3.28 -0.88	44.72 3.23 -4.85	44.57 3.26 -2.46	44.51 3.30 -2.34	46.49 3.52 -1.54	53.16 3.39 0.00	75.18 4.72 0.00	91.01 5.87 0.00	87.48 5.49 0.00	74.21 4.40 0.00	62.90 3.67 0.00	54.78 3.30 0.00	48.32 2.69 -0.01	46.19 2.28 0.00
KIAC_JFK____ 323774	39.40 2.54 -0.01	36.22 2.18 -0.01	35.81 1.96 -0.01	35.65 1.95 -0.01	36.98 1.99 -0.01	42.35 2.47 -0.01	60.70 3.81 -0.01	69.56 4.55 -0.01	55.19 3.71 -0.01	50.61 3.40 -5.80	43.22 3.24 -0.88	44.68 3.19 -4.85	44.57 3.26 -2.46	44.47 3.27 -2.34	46.53 3.56 -1.54	53.12 3.34 0.00	75.18 4.72 0.00	91.10 5.96 0.00	87.48 5.49 0.00	74.22 4.40 0.00	62.90 3.67 0.00	54.79 3.30 0.00	48.31 2.69 -0.01	46.11 2.19 0.00
KINTIGH__24_KV_GSU 356498	34.79 -2.06 0.00	31.99 -2.04 0.00	31.94 -1.89 0.00	31.80 -1.89 0.00	33.48 -1.50 0.00	37.28 -2.59 0.00	51.99 -4.89 0.00	59.74 -5.26 0.00	48.07 -3.40 0.00	39.17 -2.24 0.00	37.53 -1.57 0.00	35.47 -1.17 0.00	36.82 -2.02 0.00	36.77 -2.10 0.00	38.98 -2.44 0.00	46.10 -3.68 0.00	65.53 -4.93 0.00	78.41 -6.73 0.00	75.59 -6.39 0.00	64.86 -4.96 0.00	54.96 -4.27 0.00	47.99 -3.50 0.00	42.61 -3.01 0.00	41.54 -2.37 0.00
KINTIGH____ 23543	34.79 -2.06 0.00	31.96 -2.08 0.00	31.94 -1.89 0.00	31.80 -1.89 0.00	33.48 -1.50 0.00	37.16 -2.71 0.00	51.93 -4.95 0.00	59.73 -5.26 0.00	47.40 -4.07 0.00	39.17 -2.24 0.00	37.49 -1.60 0.00	35.33 -1.32 0.00	36.78 -2.06 0.00	36.77 -2.10 0.00	39.07 -2.36 0.00	46.10 -3.68 0.00	65.53 -4.93 0.00	78.41 -6.73 0.00	75.67 -6.31 0.00	64.86 -4.96 0.00	54.37 -4.86 0.00	47.94 -3.55 0.00	42.61 -3.01 0.00	41.28 -2.63 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	36.08 -0.77 0.00	33.22 -0.82 0.00	33.03 -0.81 0.00	32.98 -0.71 0.00	34.28 -0.70 0.00	39.32 -0.56 0.00	56.43 -0.46 0.00	64.35 -0.65 0.00	50.90 -0.57 0.00	40.91 -0.50 0.00	38.71 -0.39 0.00	35.92 -0.73 0.00	38.45 -0.39 0.00	38.52 -0.35 0.00	41.14 -0.29 0.00	49.48 -0.30 0.00	69.62 -0.85 0.00	84.80 -0.34 0.00	82.06 0.08 0.00	69.95 0.14 0.00	59.76 0.53 0.00	52.00 0.51 0.00	46.62 1.00 0.00	44.75 0.83 0.00
LACHUTE____HYDRO 323717	39.25 2.39 0.00	36.48 2.45 0.00	36.21 2.37 0.00	35.98 2.29 0.00	37.33 2.34 0.00	42.90 3.03 0.00	61.15 4.27 0.00	69.88 4.88 0.00	53.78 2.32 0.00	42.90 1.49 0.00	40.19 1.09 0.00	37.75 1.10 0.00	39.85 1.01 0.00	39.76 0.89 0.00	42.59 1.16 0.00	51.82 2.04 0.00	74.98 4.51 0.00	90.84 5.71 0.00	87.96 5.98 0.00	74.56 4.75 0.00	63.50 4.27 0.00	54.73 3.25 0.00	48.22 2.60 0.00	46.68 2.77 0.00
LAWRNCALV_115KV_TB1 80681	37.04 0.18 0.00	34.24 0.20 0.00	34.08 0.24 0.00	33.96 0.27 0.00	35.26 0.28 0.00	40.39 0.52 0.00	57.90 1.02 0.00	65.97 0.97 0.00	52.24 0.77 0.00	41.90 0.50 0.00	39.68 0.59 0.00	36.80 0.15 0.00	39.38 0.54 0.00	39.37 0.51 0.00	41.93 0.50 0.00	50.53 0.75 0.00	71.03 0.56 0.00	86.16 1.02 0.00	83.21 1.23 0.00	71.14 1.33 0.00	60.65 1.42 0.00	52.98 1.49 0.00	47.21 1.60 0.00	45.36 1.45 0.00
LEDERLE____ 23769	39.14 2.29 0.00	36.04 2.01 0.00	35.63 1.79 0.00	35.51 1.82 0.00	36.87 1.89 0.00	42.15 2.27 0.00	60.18 3.30 0.00	68.70 3.70 0.00	54.35 2.88 0.00	43.81 2.40 0.00	41.40 2.31 0.00	38.99 2.35 0.00	41.21 2.37 0.00	41.24 2.37 0.00	43.95 2.53 0.00	52.52 2.74 0.00	74.41 3.95 0.00	90.08 4.94 0.00	86.41 4.43 0.00	73.37 3.56 0.00	62.13 2.90 0.00	54.22 2.73 0.00	47.90 2.28 0.00	45.89 1.98 0.00
LIGHTHSE_115KV_TB6 355974	36.27 -0.59 0.00	33.56 -0.48 0.00	33.40 -0.44 0.00	33.15 -0.54 0.00	34.53 -0.45 0.00	39.32 -0.56 0.00	55.91 -0.97 0.00	63.96 -1.04 0.00	50.75 -0.72 0.00	40.79 -0.62 0.00	38.63 -0.47 0.00	36.25 -0.40 0.00	38.22 -0.62 0.00	38.21 -0.66 0.00	40.56 -0.87 0.00	48.83 -0.95 0.00	69.26 -1.20 0.00	83.78 -1.36 0.00	80.75 -1.23 0.00	68.98 -0.84 0.00	58.46 -0.77 0.00	51.13 -0.36 0.00	45.25 -0.36 0.00	43.47 -0.44 0.00
LINDEN COGEN____ 23786	39.37 2.51 -0.01	36.22 2.18 -0.01	35.81 1.96 -0.01	35.65 1.95 -0.01	36.98 1.99 -0.01	42.23 2.35 -0.01	60.36 3.47 -0.01	69.04 4.03 -0.01	54.72 3.24 -0.01	50.22 2.94 -5.87	42.81 2.82 -0.90	44.37 2.82 -4.90	44.17 2.83 -2.49	44.11 2.88 -2.37	46.09 3.11 -1.56	52.77 2.99 0.00	74.48 4.01 0.00	90.25 5.11 0.00	86.57 4.59 0.00	73.44 3.63 0.00	59.71 3.02 2.53	53.02 2.73 1.20	46.60 2.28 1.30	45.84 1.93 0.00
LINDHRST_69_KV_BK1 356055	39.66 2.80 0.00	36.45 2.42 0.00	35.87 2.03 0.00	35.64 1.95 0.00	37.08 2.10 0.00	42.23 2.35 0.00	59.90 3.01 0.00	67.79 2.79 0.00	47.92 1.90 5.45	40.85 3.40 3.96	42.39 3.60 0.31	40.34 3.55 -0.14	42.33 3.61 0.13	42.62 3.65 -0.09	45.51 4.02 -0.06	52.72 2.94 0.00	75.19 4.72 0.00	90.50 5.36 0.00	87.39 5.41 0.00	75.40 5.59 0.00	63.38 4.15 0.00	55.30 3.81 0.00	48.03 2.42 0.00	46.24 2.33 0.00
LIPA_MISC_IPP 23656	38.99 2.14 0.00	35.94 1.91 0.00	35.33 1.49 0.00	35.10 1.41 0.00	36.52 1.54 0.00	41.55 1.67 0.00	58.53 1.65 0.00	65.45 0.45 0.00	44.87 0.31 6.91	35.26 2.07 8.22	37.27 2.19 4.02	37.95 2.24 0.93	37.45 2.25 3.64	41.22 2.29 -0.06	44.10 2.61 -0.06	50.82 1.05 0.00	72.36 1.90 0.00	87.18 2.04 0.00	84.28 2.30 0.00	72.74 2.93 0.00	61.12 1.90 0.00	53.34 1.85 0.00	46.26 0.64 0.00	44.61 0.70 0.00
LISF____SOLAR 323691	39.07 2.21 0.00	36.00 1.97 0.00	35.40 1.56 0.00	35.17 1.48 0.00	36.38 1.40 0.00	41.31 1.43 0.00	58.58 1.70 0.00	65.51 0.52 0.01	44.86 0.31 6.92	35.30 2.07 8.18	37.30 2.19 3.99	37.92 2.20 0.93	37.48 2.25 3.62	41.22 2.29 -0.06	44.18 2.69 -0.06	50.87 1.09 0.00	72.43 1.97 0.00	87.52 2.38 0.00	84.61 2.62 0.00	72.81 3.00 0.00	61.18 1.95 0.00	53.13 1.65 0.00	46.30 0.69 0.00	44.30 0.39 0.00
LITTLE FALLS____HYD 24013	38.15 1.29 0.00	35.26 1.23 0.00	35.09 1.25 0.00	34.94 1.25 0.00	36.21 1.22 0.00	41.35 1.48 0.00	58.93 2.05 0.00	67.34 2.34 0.00	53.27 1.80 0.00	42.77 1.37 0.00	40.54 1.45 0.00	38.08 1.43 0.00	40.24 1.40 0.00	40.27 1.40 0.00	42.96 1.53 0.00	51.92 2.14 0.00	73.84 3.38 0.00	89.31 4.17 0.00	86.25 4.26 0.00	73.65 3.84 0.00	62.43 3.20 0.00	54.32 2.83 0.00	48.31 2.69 0.00	46.59 2.68 0.00

LITTLRIV_115KV_TB1 356100	37.41 0.55 0.00	34.61 0.58 0.00	34.45 0.61 0.00	34.33 0.64 0.00	35.65 0.66 0.00	40.91 1.04 0.00	58.70 1.82 0.00	66.82 1.82 0.00	52.75 1.29 0.00	42.19 0.79 0.00	39.96 0.86 0.00	37.01 0.37 0.00	39.66 0.82 0.00	39.61 0.74 0.00	42.17 0.75 0.00	50.97 1.19 0.00	71.87 1.41 0.00	87.35 2.21 0.00	84.52 2.54 0.00	72.33 2.51 0.00	61.60 2.37 0.00	53.75 2.27 0.00	47.85 2.24 0.00	45.93 2.02 0.00
LI_NEWBRDGE___DRP 323616	39.10 2.25 0.00	35.94 1.91 0.00	35.39 1.56 0.00	35.21 1.52 0.00	36.59 1.61 0.00	41.67 1.79 0.00	59.10 2.22 0.00	67.01 2.01 0.00	46.16 1.60 6.90	39.50 3.06 4.97	42.24 3.21 0.06	40.05 3.19 -0.21	42.17 3.22 -0.10	42.19 3.23 -0.10	45.01 3.52 -0.06	51.97 2.19 0.00	73.98 3.52 0.01	88.89 3.75 0.00	85.67 3.69 0.00	74.07 4.26 0.01	62.30 3.08 0.01	54.31 2.83 0.01	47.26 1.64 0.00	45.49 1.58 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.50 -2.36 0.00	31.62 -2.42 0.00	31.67 -2.17 0.00	31.53 -2.16 0.00	33.27 -1.71 0.00	36.44 -3.43 0.00	50.79 -6.09 0.00	58.56 -6.43 0.00	46.42 -5.04 0.00	38.59 -2.82 0.00	37.02 -2.07 0.00	34.93 -1.72 0.00	36.24 -2.60 0.00	36.19 -2.68 0.00	38.45 -2.98 0.00	45.25 -4.53 0.00	64.54 -5.92 0.00	77.22 -7.92 0.00	74.69 -7.30 0.00	64.02 -5.79 0.00	53.54 -5.69 0.00	47.32 -4.17 0.00	42.10 -3.51 0.00	40.84 -3.07 0.00
LOCKPORT___CC1 323769	34.42 -2.43 0.00	31.62 -2.42 0.00	31.64 -2.20 0.00	31.50 -2.19 0.00	33.24 -1.75 0.00	36.60 -3.27 0.00	50.80 -6.09 0.00	58.50 -6.50 0.00	47.20 -4.27 0.00	38.59 -2.82 0.00	37.06 -2.03 0.00	35.07 -1.57 0.00	36.24 -2.60 0.00	36.22 -2.64 0.00	38.36 -3.07 0.00	45.25 -4.53 0.00	64.54 -5.92 0.00	77.13 -8.01 0.00	74.52 -7.46 0.00	64.02 -5.79 0.00	54.20 -5.03 0.00	47.42 -4.07 0.00	42.15 -3.47 0.00	41.15 -2.77 0.00
LOCKPORT___CC2 323770	34.42 -2.43 0.00	31.62 -2.42 0.00	31.64 -2.20 0.00	31.50 -2.19 0.00	33.24 -1.75 0.00	36.60 -3.27 0.00	50.80 -6.09 0.00	58.50 -6.50 0.00	47.20 -4.27 0.00	38.59 -2.82 0.00	37.06 -2.03 0.00	35.07 -1.57 0.00	36.24 -2.60 0.00	36.22 -2.64 0.00	38.36 -3.07 0.00	45.25 -4.53 0.00	64.54 -5.92 0.00	77.13 -8.01 0.00	74.52 -7.46 0.00	64.02 -5.79 0.00	54.20 -5.03 0.00	47.42 -4.07 0.00	42.15 -3.47 0.00	41.15 -2.77 0.00
LOCKPORT___CC3 323771	34.42 -2.43 0.00	31.62 -2.42 0.00	31.64 -2.20 0.00	31.50 -2.19 0.00	33.24 -1.75 0.00	36.60 -3.27 0.00	50.80 -6.09 0.00	58.50 -6.50 0.00	47.20 -4.27 0.00	38.59 -2.82 0.00	37.06 -2.03 0.00	35.07 -1.57 0.00	36.24 -2.60 0.00	36.22 -2.64 0.00	38.36 -3.07 0.00	45.25 -4.53 0.00	64.54 -5.92 0.00	77.13 -8.01 0.00	74.52 -7.46 0.00	64.02 -5.79 0.00	54.20 -5.03 0.00	47.42 -4.07 0.00	42.15 -3.47 0.00	41.15 -2.77 0.00
LOCUSVLY_69_KV_BK2 55797	39.40 2.54 0.00	36.21 2.18 0.00	35.70 1.86 0.00	35.54 1.85 0.00	36.91 1.92 0.00	42.07 2.19 0.00	59.78 2.90 0.00	67.92 2.92 0.00	50.60 2.32 3.19	42.12 3.15 2.43	42.32 3.28 0.06	40.12 3.26 -0.21	42.25 3.30 -0.10	42.31 3.34 -0.10	45.13 3.65 -0.06	52.57 2.79 0.00	74.77 4.30 -0.01	89.99 4.85 0.00	86.66 4.67 0.00	74.50 4.68 -0.01	62.79 3.55 -0.01	54.74 3.24 -0.01	47.81 2.19 0.00	45.98 2.06 0.00
LONG_LAKE_PHOENIX 24014	35.90 -0.96 0.00	33.18 -0.85 0.00	33.03 -0.81 0.00	32.85 -0.84 0.00	34.18 -0.80 0.00	38.84 -1.04 0.00	55.29 -1.59 0.00	63.31 -1.69 0.00	50.18 -1.29 0.00	40.46 -0.95 0.00	38.24 -0.86 0.00	35.95 -0.70 0.00	37.91 -0.93 0.00	37.94 -0.93 0.00	40.39 -1.04 0.00	48.39 -1.39 0.00	68.56 -1.90 0.00	82.76 -2.38 0.00	79.69 -2.30 0.00	67.86 -1.95 0.00	57.45 -1.78 0.00	50.10 -1.39 0.00	44.34 -1.28 0.00	42.64 -1.27 0.00
LOVETT___3 23632	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.99 2.11 0.00	59.90 3.01 0.00	68.38 3.38 0.00	54.14 2.68 0.00	43.69 2.28 0.00	41.29 2.19 0.00	38.85 2.20 0.00	41.06 2.21 0.00	41.08 2.22 0.00	43.83 2.40 0.00	52.32 2.54 0.00	73.99 3.52 0.00	89.57 4.43 0.00	86.00 4.02 0.00	72.96 3.14 0.00	61.84 2.61 0.00	53.91 2.42 0.00	47.67 2.05 0.00	45.67 1.76 0.00
LOVETT___4 23642	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.99 2.11 0.00	59.90 3.01 0.00	68.38 3.38 0.00	54.14 2.68 0.00	43.69 2.28 0.00	41.29 2.19 0.00	38.85 2.20 0.00	41.06 2.21 0.00	41.08 2.22 0.00	43.83 2.40 0.00	52.32 2.54 0.00	73.99 3.52 0.00	89.57 4.43 0.00	86.00 4.02 0.00	72.96 3.14 0.00	61.84 2.61 0.00	53.91 2.42 0.00	47.67 2.05 0.00	45.67 1.76 0.00
LOVETT___5 23593	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.99 2.11 0.00	59.90 3.01 0.00	68.38 3.38 0.00	54.14 2.68 0.00	43.69 2.28 0.00	41.29 2.19 0.00	38.85 2.20 0.00	41.06 2.21 0.00	41.08 2.22 0.00	43.83 2.40 0.00	52.32 2.54 0.00	73.99 3.52 0.00	89.57 4.43 0.00	86.00 4.02 0.00	72.96 3.14 0.00	61.84 2.61 0.00	53.91 2.42 0.00	47.67 2.05 0.00	45.67 1.76 0.00
LOWER RAQUET___HYD 24057	37.04 0.19 0.00	34.24 0.21 0.00	34.08 0.24 0.00	33.96 0.27 0.00	35.26 0.28 0.00	40.43 0.56 0.00	57.91 1.02 0.00	66.04 1.04 0.00	52.24 0.77 0.00	41.91 0.50 0.00	39.64 0.55 0.00	36.80 0.15 0.00	39.38 0.54 0.00	39.34 0.47 0.00	41.88 0.46 0.00	50.48 0.70 0.00	70.96 0.50 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.32 0.00	60.48 1.25 0.00	53.03 1.54 0.00	47.31 1.69 0.00	45.41 1.49 0.00
LOWER___HUDSON 24059	38.14 1.29 0.00	35.26 1.22 0.00	35.02 1.18 0.00	34.84 1.15 0.00	36.10 1.12 0.00	41.23 1.36 0.00	58.76 1.87 0.00	67.08 2.08 0.00	52.60 1.13 0.00	42.07 0.66 0.00	39.45 0.35 0.00	37.20 0.55 0.00	39.31 0.47 0.00	39.37 0.50 0.00	42.01 0.58 0.00	50.77 1.00 0.00	72.15 1.69 0.00	87.01 1.87 0.00	83.78 1.80 0.00	71.21 1.40 0.00	60.59 1.36 0.00	52.36 0.87 0.00	46.30 0.69 0.00	44.84 0.92 0.00
LOWVILLE_115KV_TB2 356335	36.82 -0.04 0.00	34.10 0.07 0.00	33.94 0.10 0.00	33.76 0.07 0.00	35.12 0.14 0.00	40.19 0.32 0.00	57.45 0.57 0.00	65.65 0.65 0.00	51.83 0.36 0.00	41.37 -0.04 0.00	39.17 0.08 0.00	36.61 -0.04 0.00	38.80 -0.04 0.00	38.71 -0.16 0.00	41.10 -0.33 0.00	50.43 0.65 0.00	71.80 1.34 0.00	87.01 1.87 0.00	84.03 2.05 0.00	71.84 2.02 0.00	60.83 1.60 0.00	53.29 1.80 0.00	47.08 1.46 0.00	45.23 1.32 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.33 1.47 0.00	35.50 1.46 0.00	35.26 1.42 0.00	35.07 1.38 0.00	36.35 1.36 0.00	41.55 1.67 0.00	59.21 2.33 0.00	67.66 2.66 0.00	52.96 1.49 0.00	42.28 0.87 0.00	39.64 0.55 0.00	37.34 0.70 0.00	39.46 0.62 0.00	39.45 0.58 0.00	42.17 0.75 0.00	51.07 1.29 0.00	72.93 2.47 0.00	88.03 2.89 0.00	84.85 2.87 0.00	72.05 2.23 0.00	61.36 2.13 0.00	52.98 1.49 0.00	46.85 1.23 0.00	45.32 1.41 0.00

LUTHERNY_35_KV_BK2 355980	38.37 1.51 0.00	35.50 1.46 0.00	35.26 1.42 0.00	35.07 1.38 0.00	36.35 1.36 0.00	41.59 1.71 0.00	59.21 2.33 0.00	67.66 2.66 0.00	52.96 1.49 0.00	42.28 0.87 0.00	39.68 0.59 0.00	37.34 0.70 0.00	39.46 0.62 0.00	39.49 0.62 0.00	42.17 0.75 0.00	51.07 1.29 0.00	72.93 2.47 0.00	88.03 2.89 0.00	84.93 2.95 0.00	72.12 2.30 0.00	61.36 2.13 0.00	53.03 1.54 0.00	46.89 1.28 0.00	45.36 1.45 0.00
LWR___OSWEGATCHIE_HYD 23850	36.82 -0.04 0.00	34.10 0.07 0.00	33.94 0.10 0.00	33.79 0.10 0.00	35.05 0.07 0.00	40.15 0.28 0.00	57.45 0.57 0.00	65.71 0.71 0.00	51.93 0.46 0.00	41.49 0.08 0.00	39.33 0.23 0.00	36.61 -0.04 0.00	39.00 0.16 0.00	38.87 0.00 0.00	41.30 -0.12 0.00	50.18 0.40 0.00	70.96 0.49 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.33 0.00	60.41 1.18 0.00	53.03 1.54 0.00	47.08 1.46 0.00	45.19 1.27 0.00
LYONS_FALL_HYD 23570	37.04 0.19 0.00	34.30 0.27 0.00	34.14 0.30 0.00	33.96 0.27 0.00	35.30 0.31 0.00	40.39 0.52 0.00	57.68 0.80 0.00	65.91 0.91 0.00	52.09 0.62 0.00	41.62 0.21 0.00	39.45 0.35 0.00	36.91 0.26 0.00	39.08 0.23 0.00	39.02 0.16 0.00	41.47 0.04 0.00	50.57 0.79 0.00	71.94 1.48 0.00	87.01 1.87 0.00	83.95 1.96 0.00	71.70 1.89 0.00	60.77 1.54 0.00	53.03 1.54 0.00	46.89 1.28 0.00	45.05 1.14 0.00
MADISON___COUNTY_LFGE 323628	37.44 0.59 0.00	34.64 0.61 0.00	34.52 0.68 0.00	34.33 0.64 0.00	35.75 0.77 0.00	40.83 0.96 0.00	58.19 1.31 0.00	66.56 1.56 0.00	52.60 1.13 0.00	42.19 0.79 0.00	39.92 0.82 0.00	37.45 0.81 0.00	39.58 0.74 0.00	39.57 0.70 0.00	42.05 0.62 0.00	50.87 1.10 0.00	72.36 1.90 0.00	87.35 2.21 0.00	84.11 2.13 0.00	71.77 1.95 0.00	60.71 1.48 0.00	52.88 1.39 0.00	46.71 1.09 0.00	44.88 0.97 0.00
MALONE___115KV_TB1 356076	36.41 -0.44 0.00	33.59 -0.44 0.00	33.40 -0.44 0.00	33.35 -0.34 0.00	34.67 -0.31 0.00	39.76 -0.12 0.00	57.05 0.17 0.00	65.06 0.06 0.00	51.47 0.00 0.00	41.37 -0.04 0.00	39.17 0.08 0.00	36.32 -0.33 0.00	38.92 0.08 0.00	38.95 0.08 0.00	41.51 0.08 0.00	50.13 0.35 0.00	70.60 0.14 0.00	85.91 0.77 0.00	83.13 1.15 0.00	70.93 1.12 0.00	60.59 1.36 0.00	52.72 1.24 0.00	46.99 1.37 0.00	45.10 1.19 0.00
MAPLEWOD_115KV_TB3 80458	38.03 1.18 0.00	35.16 1.12 0.00	34.92 1.08 0.00	34.73 1.04 0.00	35.96 0.98 0.00	41.03 1.16 0.00	58.47 1.59 0.00	66.75 1.75 0.00	52.55 1.08 0.00	42.03 0.62 0.00	39.49 0.39 0.00	37.20 0.55 0.00	39.31 0.47 0.00	39.34 0.47 0.00	41.97 0.54 0.00	50.68 0.90 0.00	72.01 1.55 0.00	86.84 1.70 0.00	83.62 1.64 0.00	71.07 1.26 0.00	60.41 1.18 0.00	52.26 0.77 0.00	46.21 0.59 0.00	44.70 0.79 0.00
MAPLE_RIDGE_WT_1 323574	35.90 -0.96 0.00	33.18 -0.85 0.00	33.06 -0.78 0.00	32.95 -0.74 0.00	34.25 -0.74 0.00	39.08 -0.80 0.00	55.80 -1.08 0.00	63.76 -1.24 0.00	50.49 -0.98 0.00	40.58 -0.83 0.00	38.35 -0.74 0.00	35.92 -0.73 0.00	38.14 -0.70 0.00	38.21 -0.66 0.00	40.81 -0.62 0.00	49.23 -0.55 0.00	69.83 -0.64 0.00	84.63 -0.51 0.00	81.57 -0.41 0.00	69.47 -0.35 0.00	58.99 -0.24 0.00	51.33 -0.15 0.00	45.57 -0.05 0.00	43.87 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	35.90 -0.96 0.00	33.18 -0.85 0.00	33.06 -0.78 0.00	32.95 -0.74 0.00	34.25 -0.74 0.00	39.08 -0.80 0.00	55.80 -1.08 0.00	63.76 -1.24 0.00	50.49 -0.98 0.00	40.58 -0.83 0.00	38.35 -0.74 0.00	35.92 -0.73 0.00	38.14 -0.70 0.00	38.21 -0.66 0.00	40.81 -0.62 0.00	49.23 -0.55 0.00	69.83 -0.64 0.00	84.63 -0.51 0.00	81.57 -0.41 0.00	69.47 -0.35 0.00	58.99 -0.24 0.00	51.33 -0.15 0.00	45.57 -0.05 0.00	43.87 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	35.82 -1.03 0.00	33.01 -1.02 0.00	32.82 -1.01 0.00	32.75 -0.94 0.00	34.04 -0.94 0.00	38.96 -0.92 0.00	55.86 -1.02 0.00	63.76 -1.24 0.00	50.44 -1.03 0.00	40.58 -0.83 0.00	38.39 -0.70 0.00	35.66 -0.99 0.00	38.18 -0.66 0.00	38.25 -0.62 0.00	40.85 -0.58 0.00	49.18 -0.60 0.00	69.33 -1.13 0.00	84.29 -0.85 0.00	81.41 -0.57 0.00	69.40 -0.42 0.00	59.05 -0.18 0.00	51.54 0.05 0.00	46.03 0.41 0.00	44.31 0.39 0.00
MARSHVLE_115KV_TB1 80742	37.44 0.59 0.00	34.68 0.65 0.00	34.48 0.64 0.00	34.26 0.57 0.00	35.58 0.59 0.00	40.71 0.84 0.00	58.25 1.37 0.00	66.17 1.17 0.00	51.00 -0.46 0.00	40.37 -1.04 0.00	38.04 -1.06 0.00	35.70 -0.95 0.00	37.75 -1.09 0.00	37.90 -0.97 0.00	40.60 -0.83 0.00	49.68 -0.10 0.00	71.52 1.06 0.00	86.84 1.70 0.00	83.95 1.97 0.00	71.35 1.54 0.00	60.47 1.24 0.00	52.31 0.82 0.00	46.44 0.82 0.00	44.70 0.79 0.00
MARSH_HILL_WT_PWR 323713	33.50 -3.35 0.00	30.87 -3.16 0.00	31.03 -2.81 0.00	30.96 -2.73 0.00	32.64 -2.34 0.00	36.61 -3.27 0.00	51.53 -5.35 0.00	59.54 -5.46 0.00	47.35 -4.12 0.00	38.63 -2.77 0.00	36.98 -2.11 0.00	34.96 -1.69 0.00	36.20 -2.64 0.00	36.30 -2.57 0.00	38.61 -2.82 0.00	45.99 -3.79 0.00	66.03 -4.44 0.00	80.03 -5.11 0.00	77.47 -4.51 0.00	66.67 -3.14 0.00	56.39 -2.84 0.00	49.12 -2.37 0.00	43.84 -1.78 0.00	42.37 -1.54 0.00
MCINTYRE_115KV_TB2 80467	37.59 0.74 0.00	34.78 0.75 0.00	34.62 0.78 0.00	34.50 0.81 0.00	35.86 0.87 0.00	41.15 1.28 0.00	58.99 2.10 0.00	67.14 2.14 0.00	52.96 1.49 0.00	42.32 0.91 0.00	40.03 0.94 0.00	37.05 0.40 0.00	39.70 0.85 0.00	39.68 0.82 0.00	42.30 0.87 0.00	51.17 1.39 0.00	72.29 1.83 0.00	88.12 2.98 0.00	85.26 3.28 0.00	72.89 3.07 0.00	62.13 2.90 0.00	54.06 2.57 0.00	48.08 2.46 0.00	46.15 2.24 0.00
MECO_____69_KV_BK1 80468	38.29 1.44 0.00	35.50 1.46 0.00	35.26 1.42 0.00	35.07 1.38 0.00	36.42 1.43 0.00	41.75 1.87 0.00	59.67 2.79 0.00	67.73 2.73 0.00	52.03 0.57 0.00	41.16 -0.25 0.00	38.63 -0.47 0.00	36.21 -0.44 0.00	38.30 -0.54 0.00	38.48 -0.39 0.00	41.35 -0.08 0.00	50.68 0.90 0.00	73.35 2.89 0.00	89.06 3.92 0.00	86.16 4.18 0.00	73.17 3.35 0.00	62.07 2.84 0.00	53.65 2.16 0.00	47.44 1.82 0.00	45.71 1.80 0.00
MENANDS___115KV_TB5 355628	37.89 1.03 0.00	35.05 1.02 0.00	34.79 0.95 0.00	34.63 0.94 0.00	35.86 0.87 0.00	40.87 1.00 0.00	58.19 1.31 0.00	66.49 1.49 0.00	52.39 0.93 0.00	41.90 0.50 0.00	39.37 0.27 0.00	37.09 0.44 0.00	39.19 0.35 0.00	39.26 0.39 0.00	41.88 0.46 0.00	50.48 0.70 0.00	71.66 1.20 0.00	86.33 1.19 0.00	83.13 1.15 0.00	70.65 0.84 0.00	60.12 0.89 0.00	52.00 0.51 0.00	45.98 0.36 0.00	44.48 0.57 0.00
MG INDUSTRY___DRP 24185	37.96 1.11 0.00	35.12 1.09 0.00	34.89 1.05 0.00	34.70 1.01 0.00	35.96 0.98 0.00	40.99 1.12 0.00	58.36 1.48 0.00	66.56 1.56 0.00	52.39 0.93 0.00	41.95 0.54 0.00	39.41 0.31 0.00	37.12 0.48 0.00	39.23 0.39 0.00	39.26 0.39 0.00	41.93 0.50 0.00	50.58 0.80 0.00	71.94 1.48 0.00	86.76 1.62 0.00	83.62 1.64 0.00	71.07 1.26 0.00	60.41 1.18 0.00	52.36 0.88 0.00	46.30 0.68 0.00	44.75 0.83 0.00

MID___OSWEGATCHIE_HYD 23849	36.82 -0.04 0.00	34.10 0.07 0.00	33.94 0.10 0.00	33.79 0.10 0.00	35.05 0.07 0.00	40.15 0.28 0.00	57.45 0.57 0.00	65.71 0.71 0.00	51.93 0.46 0.00	41.49 0.08 0.00	39.33 0.23 0.00	36.61 -0.04 0.00	39.00 0.16 0.00	38.87 0.00 0.00	41.30 -0.12 0.00	50.18 0.40 0.00	70.96 0.49 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.33 0.00	60.41 1.18 0.00	53.03 1.54 0.00	47.08 1.46 0.00	45.19 1.27 0.00
MID___RAQUETTE_HYD 23851	37.04 0.18 0.00	34.24 0.20 0.00	34.08 0.24 0.00	33.96 0.27 0.00	35.26 0.28 0.00	40.43 0.56 0.00	57.90 1.02 0.00	66.04 1.04 0.00	52.24 0.77 0.00	41.90 0.50 0.00	39.64 0.55 0.00	36.80 0.15 0.00	39.38 0.54 0.00	39.34 0.47 0.00	41.88 0.46 0.00	50.48 0.70 0.00	70.96 0.49 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.33 0.00	60.65 1.42 0.00	53.03 1.54 0.00	47.31 1.69 0.00	45.40 1.49 0.00
MILLIKEN___1 23584	37.04 0.18 0.00	34.17 0.14 0.00	34.08 0.24 0.00	33.89 0.20 0.00	35.33 0.35 0.00	40.23 0.36 0.00	57.28 0.40 0.00	65.65 0.65 0.00	51.93 0.46 0.00	41.82 0.41 0.00	39.53 0.43 0.00	37.12 0.48 0.00	39.11 0.27 0.00	39.18 0.31 0.00	41.68 0.25 0.00	50.08 0.30 0.00	71.17 0.70 0.00	86.16 1.02 0.00	83.05 1.07 0.00	70.86 1.05 0.00	59.88 0.65 0.00	52.16 0.67 0.00	46.12 0.50 0.00	44.26 0.35 0.00
MILLIKEN___2 23585	37.04 0.18 0.00	34.17 0.14 0.00	34.08 0.24 0.00	33.89 0.20 0.00	35.33 0.35 0.00	40.23 0.36 0.00	57.28 0.40 0.00	65.65 0.65 0.00	51.93 0.46 0.00	41.82 0.41 0.00	39.53 0.43 0.00	37.12 0.48 0.00	39.11 0.27 0.00	39.18 0.31 0.00	41.68 0.25 0.00	50.08 0.30 0.00	71.17 0.70 0.00	86.16 1.02 0.00	83.05 1.07 0.00	70.86 1.05 0.00	59.88 0.65 0.00	52.16 0.67 0.00	46.12 0.50 0.00	44.26 0.35 0.00
MILLIKEN___DIESEL 23629	37.04 0.18 0.00	34.17 0.14 0.00	34.08 0.24 0.00	33.89 0.20 0.00	35.33 0.35 0.00	40.23 0.36 0.00	57.28 0.40 0.00	65.65 0.65 0.00	51.93 0.46 0.00	41.82 0.41 0.00	39.53 0.43 0.00	37.12 0.48 0.00	39.11 0.27 0.00	39.18 0.31 0.00	41.68 0.25 0.00	50.08 0.30 0.00	71.17 0.70 0.00	86.16 1.02 0.00	83.05 1.07 0.00	70.86 1.05 0.00	59.88 0.65 0.00	52.16 0.67 0.00	46.12 0.50 0.00	44.26 0.35 0.00
MILLSEAT___LFGE 323607	35.09 -1.77 0.00	32.19 -1.84 0.00	32.21 -1.62 0.00	32.11 -1.58 0.00	33.86 -1.12 0.00	37.52 -2.35 0.00	52.33 -4.55 0.00	60.32 -4.68 0.00	48.59 -2.88 0.00	39.50 -1.90 0.00	37.88 -1.21 0.00	35.84 -0.81 0.00	37.13 -1.71 0.00	37.04 -1.83 0.00	39.27 -2.16 0.00	46.39 -3.39 0.00	66.16 -4.30 0.00	79.44 -5.70 0.00	76.73 -5.25 0.00	65.84 -3.98 0.00	55.56 -3.67 0.00	48.56 -2.93 0.00	43.15 -2.46 0.00	41.98 -1.93 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.07 2.21 0.00	35.97 1.94 0.00	35.56 1.73 0.00	35.44 1.75 0.00	36.77 1.78 0.00	42.03 2.15 0.00	59.95 3.07 0.00	68.44 3.44 0.00	54.25 2.78 0.00	43.89 2.32 -0.16	41.39 2.27 -0.02	39.05 2.27 -0.13	41.20 2.29 -0.07	41.23 2.29 -0.06	43.96 2.49 -0.04	52.42 2.64 0.00	74.13 3.66 0.00	89.65 4.51 0.00	86.08 4.10 0.00	73.10 3.28 0.00	61.95 2.72 0.00	53.96 2.47 0.00	47.72 2.10 0.00	45.71 1.80 0.00
MILLWOOD_13_KV_LOAD 356217	39.10 2.25 0.00	36.01 1.97 0.00	35.63 1.79 0.00	35.48 1.79 0.00	36.80 1.82 0.00	42.11 2.23 0.00	60.07 3.19 0.00	68.57 3.57 0.00	54.35 2.88 0.00	43.97 2.40 -0.16	41.43 2.31 -0.02	39.13 2.35 -0.13	41.28 2.37 -0.07	41.30 2.37 -0.06	44.00 2.53 -0.04	52.52 2.74 0.00	74.34 3.88 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.07 2.84 0.00	54.11 2.63 0.00	47.81 2.19 0.00	45.80 1.89 0.00
MODEL_CITY_ENERGY 24167	34.31 -2.54 0.00	31.51 -2.52 0.00	31.50 -2.33 0.00	31.37 -2.32 0.00	33.09 -1.89 0.00	36.29 -3.59 0.00	50.28 -6.60 0.00	57.92 -7.08 0.00	46.73 -4.73 0.00	38.22 -3.19 0.00	36.71 -2.39 0.00	34.74 -1.91 0.00	35.93 -2.91 0.00	35.88 -2.99 0.00	37.99 -3.44 0.00	44.80 -4.98 0.00	63.84 -6.63 0.00	76.28 -8.86 0.00	73.71 -8.28 0.00	63.32 -6.49 0.00	53.60 -5.63 0.00	46.91 -4.58 0.00	41.69 -3.92 0.00	40.75 -3.16 0.00
MODERN_LFGE___ 323580	34.31 -2.54 0.00	31.51 -2.52 0.00	31.50 -2.33 0.00	31.37 -2.32 0.00	33.09 -1.89 0.00	36.29 -3.59 0.00	50.28 -6.60 0.00	57.92 -7.08 0.00	46.73 -4.73 0.00	38.22 -3.19 0.00	36.71 -2.39 0.00	34.74 -1.91 0.00	35.93 -2.91 0.00	35.88 -2.99 0.00	37.99 -3.44 0.00	44.80 -4.98 0.00	63.84 -6.63 0.00	76.28 -8.86 0.00	73.71 -8.28 0.00	63.32 -6.49 0.00	53.60 -5.63 0.00	46.91 -4.58 0.00	41.69 -3.92 0.00	40.75 -3.16 0.00
MOHAWK_PAPER___DRP 24187	38.03 1.18 0.00	35.16 1.12 0.00	34.92 1.08 0.00	34.73 1.04 0.00	35.96 0.98 0.00	41.03 1.16 0.00	58.47 1.59 0.00	66.75 1.75 0.00	52.55 1.08 0.00	42.03 0.62 0.00	39.49 0.39 0.00	37.20 0.55 0.00	39.31 0.47 0.00	39.34 0.47 0.00	41.97 0.54 0.00	50.68 0.90 0.00	72.01 1.55 0.00	86.84 1.70 0.00	83.62 1.64 0.00	71.07 1.26 0.00	60.41 1.18 0.00	52.26 0.77 0.00	46.21 0.59 0.00	44.70 0.79 0.00
MOHICAN___35_KV_115KV_LD 80490	38.29 1.44 0.00	35.46 1.43 0.00	35.23 1.39 0.00	35.00 1.31 0.00	36.31 1.33 0.00	41.59 1.71 0.00	59.27 2.39 0.00	67.73 2.73 0.00	52.75 1.29 0.00	42.07 0.66 0.00	39.45 0.35 0.00	37.12 0.48 0.00	39.23 0.39 0.00	39.18 0.31 0.00	41.88 0.46 0.00	50.78 1.00 0.00	72.79 2.33 0.00	87.95 2.81 0.00	84.93 2.95 0.00	72.05 2.23 0.00	61.42 2.19 0.00	52.98 1.49 0.00	46.85 1.23 0.00	45.32 1.41 0.00
MONGAUP___HYD 23641	38.84 1.99 0.00	35.77 1.73 0.00	35.43 1.59 0.00	35.31 1.62 0.00	36.66 1.68 0.00	41.91 2.03 0.00	60.01 3.13 0.00	68.31 3.31 0.00	53.78 2.32 0.00	43.19 1.78 0.00	40.74 1.64 0.00	38.30 1.65 0.00	40.51 1.67 0.00	40.54 1.67 0.00	43.29 1.87 0.00	51.92 2.14 0.00	73.77 3.31 0.00	89.73 4.59 0.00	86.32 4.34 0.00	73.30 3.49 0.00	62.07 2.84 0.00	54.22 2.73 0.00	47.85 2.23 0.00	45.76 1.84 0.00
MONTAUK___DIESEL 23721	39.32 2.47 0.00	36.07 2.04 0.00	35.33 1.49 0.00	35.04 1.35 0.00	36.45 1.47 0.00	41.51 1.63 0.00	58.02 1.14 0.00	64.54 -0.45 0.00	44.04 -0.51 6.91	34.44 1.24 8.21	36.57 1.49 4.01	37.22 1.50 0.93	36.72 1.51 3.64	40.44 1.52 -0.06	43.35 1.86 -0.06	50.03 0.25 0.00	71.37 0.92 0.00	86.25 1.11 0.00	83.29 1.31 0.00	71.83 2.02 0.00	60.23 1.01 0.00	52.56 1.08 0.00	45.43 -0.18 0.00	44.18 0.26 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.13 -3.72 0.00	30.49 -3.54 0.00	30.59 -3.25 0.00	30.56 -3.13 0.00	32.25 -2.73 0.00	35.93 -3.95 0.00	50.68 -6.20 0.00	58.95 -6.04 0.00	46.83 -4.63 0.00	39.01 -2.40 0.00	37.53 -1.56 0.00	35.55 -1.10 0.00	37.02 -1.83 0.00	37.12 -1.75 0.00	39.48 -1.95 0.00	46.49 -3.29 0.00	66.80 -3.66 0.00	80.63 -4.51 0.00	77.88 -4.10 0.00	66.60 -3.21 0.00	55.74 -3.49 0.00	49.07 -2.42 0.00	43.61 -2.01 0.00	41.80 -2.11 0.00

MORRIS_RIDGE___SOLAR 323848	34.09 -2.76 0.00	31.38 -2.65 0.00	31.50 -2.33 0.00	31.40 -2.29 0.00	33.06 -1.92 0.00	36.92 -2.95 0.00	51.82 -5.06 0.00	59.74 -5.26 0.00	47.45 -4.01 0.00	38.76 -2.65 0.00	37.14 -1.95 0.00	35.07 -1.57 0.00	36.35 -2.49 0.00	36.34 -2.53 0.00	38.61 -2.82 0.00	45.80 -3.98 0.00	65.60 -4.86 0.00	79.18 -5.96 0.00	76.49 -5.49 0.00	65.70 -4.12 0.00	55.56 -3.67 0.00	48.50 -2.99 0.00	43.24 -2.37 0.00	41.89 -2.02 0.00
MORTIMER_115KV_TB3 55949	35.60 -1.25 0.00	32.70 -1.33 0.00	32.65 -1.18 0.00	32.51 -1.18 0.00	34.11 -0.87 0.00	38.32 -1.56 0.00	54.04 -2.84 0.00	62.01 -2.99 0.00	49.25 -2.21 0.00	40.29 -1.12 0.00	38.43 -0.66 0.00	36.17 -0.48 0.00	37.87 -0.97 0.00	37.82 -1.05 0.00	40.23 -1.20 0.00	47.74 -2.04 0.00	67.78 -2.68 0.00	81.48 -3.66 0.00	78.46 -3.53 0.00	67.09 -2.72 0.00	56.27 -2.96 0.00	49.38 -2.11 0.00	43.84 -1.78 0.00	42.29 -1.62 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.36 2.51 0.00	36.24 2.21 0.00	35.83 2.00 0.00	35.71 2.02 0.00	37.04 2.06 0.00	42.34 2.47 0.00	60.35 3.47 0.00	68.96 3.96 0.01	54.65 3.19 0.01	40.69 2.73 3.45	41.23 2.66 0.53	36.41 2.64 2.88	40.06 2.68 1.46	40.16 2.68 1.39	43.41 2.90 0.91	52.87 3.09 0.00	74.69 4.23 0.00	90.33 5.19 0.00	86.74 4.75 0.00	73.65 3.84 0.00	62.37 3.14 0.00	54.37 2.88 0.00	48.08 2.46 0.00	46.06 2.15 0.00
MUNSVILLE_WIND_PWR 323609	37.67 0.81 0.00	34.95 0.92 0.00	34.92 1.08 0.00	34.77 1.08 0.00	36.38 1.40 0.00	41.83 1.95 0.00	59.67 2.79 0.00	68.25 3.25 0.00	53.94 2.47 0.00	42.94 1.53 0.00	40.78 1.68 0.00	38.26 1.61 0.00	40.35 1.51 0.00	40.31 1.44 0.00	42.79 1.37 0.00	52.32 2.54 0.00	75.39 4.93 0.00	91.53 6.39 0.00	88.46 6.48 0.00	75.75 5.93 0.00	64.03 4.80 0.00	55.55 4.07 0.00	48.99 3.38 0.00	46.98 3.07 0.00
N SALMON___HYD 24042	36.41 -0.44 0.00	33.59 -0.44 0.00	33.40 -0.44 0.00	33.35 -0.34 0.00	34.67 -0.32 0.00	39.76 -0.12 0.00	57.05 0.17 0.00	65.06 0.07 0.00	51.47 0.00 0.00	41.37 -0.04 0.00	39.17 0.08 0.00	36.32 -0.33 0.00	38.92 0.08 0.00	38.95 0.08 0.00	41.51 0.08 0.00	50.13 0.35 0.00	70.60 0.14 0.00	85.90 0.76 0.00	83.13 1.15 0.00	70.93 1.11 0.00	60.41 1.18 0.00	52.72 1.23 0.00	46.98 1.37 0.00	45.10 1.19 0.00
N.AKRON__115KV_KNAPP 355671	35.05 -1.81 0.00	32.13 -1.91 0.00	32.18 -1.66 0.00	32.04 -1.65 0.00	33.79 -1.19 0.00	37.28 -2.59 0.00	52.16 -4.72 0.00	60.12 -4.87 0.00	47.66 -3.81 0.00	39.42 -1.99 0.00	37.81 -1.29 0.00	35.59 -1.06 0.00	37.02 -1.83 0.00	36.96 -1.90 0.00	39.27 -2.15 0.00	46.25 -3.53 0.00	66.02 -4.44 0.00	79.18 -5.96 0.00	76.57 -5.41 0.00	65.63 -4.19 0.00	54.79 -4.44 0.00	48.35 -3.14 0.00	43.02 -2.60 0.00	41.58 -2.33 0.00
N.E_GEN_SANDY PD 24062	41.10 1.44 -2.81	36.40 1.36 -1.01	35.12 1.29 0.00	34.97 1.28 0.00	36.21 1.22 0.00	46.50 1.43 -5.19	65.12 1.99 -6.25	72.90 2.21 -5.69	52.70 1.23 0.00	42.11 0.70 0.00	39.37 0.28 0.00	37.23 0.58 0.00	39.31 0.47 0.00	39.37 0.50 0.00	42.01 0.58 0.00	50.83 1.05 0.00	72.01 1.55 0.00	86.75 1.61 0.00	83.54 1.55 0.00	71.00 1.19 0.00	60.63 1.18 -0.22	51.89 0.62 0.22	46.12 0.50 0.00	44.79 0.88 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.03 2.17 0.00	35.94 1.91 0.00	35.56 1.73 0.00	35.41 1.72 0.00	36.73 1.75 0.00	42.03 2.15 0.00	59.95 3.07 0.00	68.44 3.44 0.00	54.19 2.73 0.00	43.69 2.28 0.00	41.29 2.19 0.00	38.88 2.24 0.00	41.06 2.21 0.00	41.12 2.25 0.00	43.83 2.40 0.00	52.37 2.59 0.00	74.13 3.66 0.00	89.65 4.51 0.00	86.08 4.10 0.00	73.10 3.28 0.00	61.90 2.67 0.00	54.01 2.52 0.00	47.72 2.10 0.00	45.76 1.84 0.00
N.QUEENS_27_KV_LOAD 356247	39.48 2.62 -0.01	36.46 2.42 -0.01	36.15 2.30 -0.01	35.99 2.29 -0.01	37.34 2.34 -0.01	42.51 2.63 -0.01	60.42 3.53 -0.01	68.85 3.83 -0.02	54.83 3.35 -0.02	51.47 2.82 -7.24	42.93 2.74 -1.10	45.41 2.71 -6.05	44.07 2.76 -2.47	44.54 2.76 -2.91	46.32 2.98 -1.91	53.02 3.24 0.00	74.41 3.95 0.00	90.08 4.94 0.00	86.49 4.51 0.00	73.37 3.56 0.00	62.25 3.02 0.00	54.47 2.99 0.00	48.36 2.74 -0.01	46.51 2.59 -0.01
N.TROY___115KV_TB1 355778	38.15 1.29 0.00	35.26 1.23 0.00	35.02 1.18 0.00	34.84 1.15 0.00	36.10 1.12 0.00	41.23 1.36 0.00	58.76 1.88 0.00	67.08 2.08 0.00	52.80 1.34 0.00	42.07 0.66 0.00	39.45 0.35 0.00	37.20 0.55 0.00	39.31 0.47 0.00	39.34 0.47 0.00	42.01 0.58 0.00	50.78 1.00 0.00	72.15 1.69 0.00	87.01 1.87 0.00	83.79 1.80 0.00	71.21 1.40 0.00	60.65 1.42 0.00	52.31 0.82 0.00	46.30 0.68 0.00	44.88 0.97 0.00
NARROWS_GT1_1 24228	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT1_2 24229	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT1_3 24230	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT1_4 24231	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT1_5 24232	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01

NARROWS_GT1_6 24233	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT1_7 24234	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT1_8 24235	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT2_1 24236	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	44.52 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT2_2 24237	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	44.52 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT2_3 24238	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	44.52 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT2_4 24239	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	44.52 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT2_5 24240	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	44.52 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT2_6 24241	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	44.52 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT2_7 24242	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	44.52 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NARROWS_GT2_8 24243	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	44.52 2.41 -3.27	44.38 2.41 -3.10	45.60 2.61 -1.56	53.17 3.39 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.22 1.36 0.00	35.33 1.29 0.00	35.09 1.25 0.00	34.94 1.25 0.00	36.24 1.26 0.00	41.35 1.48 0.00	59.10 2.22 0.00	67.34 2.34 0.00	52.60 1.13 0.00	41.90 0.50 0.00	39.25 0.16 0.00	36.94 0.29 0.00	39.04 0.19 0.00	39.10 0.23 0.00	41.80 0.37 0.00	50.63 0.85 0.00	72.43 1.97 0.00	87.95 2.81 0.00	84.77 2.79 0.00	71.98 2.16 0.00	61.13 1.90 0.00	53.03 1.54 0.00	46.80 1.19 0.00	45.14 1.23 0.00
NCHELSEA_115KV_TR2 355582	39.07 2.21 0.00	35.97 1.94 0.00	35.60 1.76 0.00	35.48 1.79 0.00	36.84 1.85 0.00	42.11 2.23 0.00	60.12 3.24 0.00	68.57 3.57 0.00	54.25 2.78 0.00	43.60 2.19 0.00	41.17 2.07 0.00	38.74 2.09 0.00	40.94 2.10 0.00	40.97 2.10 0.00	43.75 2.32 0.00	52.42 2.64 0.00	74.34 3.88 0.00	90.08 4.94 0.00	86.49 4.51 0.00	73.37 3.56 0.00	62.19 2.96 0.00	54.27 2.78 0.00	47.90 2.28 0.00	45.89 1.98 0.00
NEG CAPITAL___MECHNVIL 23645	38.44 1.58 0.00	35.56 1.53 0.00	35.33 1.49 0.00	35.14 1.45 0.00	36.42 1.43 0.00	41.63 1.75 0.00	59.32 2.44 0.00	67.79 2.79 0.00	52.96 1.49 0.00	42.36 0.95 0.00	39.76 0.66 0.00	37.42 0.77 0.00	39.54 0.70 0.00	39.57 0.70 0.00	42.26 0.83 0.00	51.17 1.39 0.00	73.07 2.61 0.00	88.20 3.06 0.00	85.02 3.04 0.00	72.19 2.38 0.00	61.42 2.19 0.00	53.09 1.60 0.00	46.89 1.28 0.00	45.41 1.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	35.01 -1.84 0.00	32.23 -1.80 0.00	32.15 -1.69 0.00	32.01 -1.68 0.00	33.52 -1.47 0.00	37.92 -1.95 0.00	53.52 -3.36 0.00	61.42 -3.57 0.00	49.20 -2.26 0.00	39.79 -1.62 0.00	37.84 -1.25 0.00	35.70 -0.95 0.00	37.40 -1.44 0.00	37.35 -1.52 0.00	39.65 -1.78 0.00	47.29 -2.49 0.00	67.15 -3.31 0.00	80.80 -4.34 0.00	77.72 -4.27 0.00	66.39 -3.42 0.00	56.09 -3.14 0.00	48.86 -2.62 0.00	43.29 -2.32 0.00	41.80 -2.11 0.00

NEG CENTRAL___DRP 24199	36.23 -0.63 0.00	33.39 -0.65 0.00	33.26 -0.58 0.00	33.12 -0.57 0.00	34.56 -0.42 0.00	39.24 -0.64 0.00	55.80 -1.08 0.00	63.96 -1.04 0.00	50.75 -0.72 0.00	41.04 -0.37 0.00	38.86 -0.23 0.00	36.58 -0.07 0.00	38.45 -0.39 0.00	38.48 -0.39 0.00	40.93 -0.50 0.00	48.98 -0.80 0.00	69.48 -0.99 0.00	83.86 -1.28 0.00	80.75 -1.23 0.00	68.91 -0.91 0.00	58.10 -1.13 0.00	50.66 -0.82 0.00	44.84 -0.78 0.00	43.12 -0.79 0.00
NEG CENTRAL___INDECK 23768	35.82 -1.03 0.00	32.91 -1.12 0.00	32.99 -0.84 0.00	32.85 -0.84 0.00	34.60 -0.38 0.00	39.04 -0.84 0.00	55.06 -1.82 0.00	63.38 -1.62 0.00	50.44 -1.03 0.00	40.66 -0.74 0.00	38.78 -0.31 0.00	36.50 -0.15 0.00	37.95 -0.89 0.00	37.90 -0.97 0.00	40.23 -1.20 0.00	47.94 -1.84 0.00	66.45 -4.01 0.00	80.54 -4.60 0.00	78.05 -3.93 0.00	66.95 -2.87 0.00	56.51 -2.72 0.00	49.22 -2.26 0.00	45.21 -0.41 0.00	43.65 -0.26 0.00
NEG CENTRAL___SENECA 23627	36.04 -0.81 0.00	33.22 -0.82 0.00	33.13 -0.71 0.00	32.95 -0.74 0.00	34.46 -0.52 0.00	39.08 -0.80 0.00	55.40 -1.48 0.00	63.57 -1.43 0.00	50.49 -0.98 0.00	40.91 -0.50 0.00	38.82 -0.27 0.00	36.54 -0.11 0.00	38.41 -0.43 0.00	38.40 -0.47 0.00	40.85 -0.58 0.00	48.78 -1.00 0.00	69.19 -1.27 0.00	83.52 -1.62 0.00	80.42 -1.56 0.00	68.63 -1.19 0.00	57.75 -1.48 0.00	50.46 -1.03 0.00	44.66 -0.96 0.00	42.95 -0.97 0.00
NEG CENTRAL___STATE_STREET 24147	36.45 -0.41 0.00	33.62 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.74 -0.24 0.00	39.52 -0.36 0.00	56.26 -0.63 0.00	64.48 -0.52 0.00	51.11 -0.36 0.00	41.20 -0.21 0.00	38.94 -0.16 0.00	36.65 0.00 0.00	38.57 -0.27 0.00	38.64 -0.23 0.00	41.10 -0.33 0.00	49.28 -0.50 0.00	69.90 -0.56 0.00	84.54 -0.60 0.00	81.49 -0.49 0.00	69.47 -0.35 0.00	58.70 -0.53 0.00	51.13 -0.36 0.00	45.21 -0.41 0.00	43.43 -0.48 0.00
NEG MILLWOOD___DRP 24198	39.18 2.32 0.00	36.07 2.04 0.00	35.67 1.83 0.00	35.54 1.85 0.00	36.91 1.92 0.00	42.23 2.35 0.00	60.29 3.41 0.00	68.77 3.77 0.00	54.55 3.09 0.00	43.89 2.48 0.00	41.44 2.35 0.00	38.99 2.35 0.00	41.21 2.37 0.00	41.28 2.41 0.00	44.00 2.57 0.00	52.72 2.94 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.82 4.84 0.00	73.65 3.84 0.00	62.43 3.20 0.00	54.42 2.93 0.00	48.04 2.42 0.00	45.98 2.06 0.00
NEG NORTH_FLCN_SEA 23793	35.93 -0.92 0.00	33.11 -0.92 0.00	32.92 -0.91 0.00	32.88 -0.81 0.00	34.18 -0.80 0.00	39.16 -0.72 0.00	56.14 -0.74 0.00	64.02 -0.97 0.00	50.69 -0.77 0.00	40.79 -0.62 0.00	38.59 -0.51 0.00	35.84 -0.81 0.00	38.38 -0.47 0.00	38.40 -0.47 0.00	41.06 -0.37 0.00	49.18 -0.60 0.00	68.91 -1.55 0.00	83.86 -1.28 0.00	81.08 -0.90 0.00	69.12 -0.70 0.00	58.99 -0.24 0.00	51.54 0.05 0.00	46.39 0.78 0.00	44.57 0.66 0.00
NEG NORTH_KES_CHATEGAY 23792	35.90 -0.96 0.00	33.08 -0.95 0.00	32.89 -0.95 0.00	32.81 -0.88 0.00	34.11 -0.87 0.00	39.08 -0.80 0.00	56.08 -0.80 0.00	63.96 -1.04 0.00	50.59 -0.87 0.00	40.66 -0.75 0.00	38.43 -0.66 0.00	35.70 -0.95 0.00	38.22 -0.62 0.00	38.29 -0.58 0.00	40.89 -0.54 0.00	49.28 -0.50 0.00	69.62 -0.85 0.00	84.71 -0.43 0.00	81.82 -0.16 0.00	69.81 0.00 0.00	59.53 0.30 0.00	51.80 0.31 0.00	46.21 0.59 0.00	44.44 0.53 0.00
NEG NORTH___ALICE_FALLS 23915	36.08 -0.77 0.00	33.22 -0.82 0.00	33.03 -0.81 0.00	32.98 -0.71 0.00	34.28 -0.70 0.00	39.32 -0.56 0.00	56.43 -0.46 0.00	64.35 -0.65 0.00	50.90 -0.57 0.00	40.91 -0.50 0.00	38.71 -0.39 0.00	35.92 -0.73 0.00	38.45 -0.39 0.00	38.52 -0.35 0.00	41.14 -0.29 0.00	49.48 -0.30 0.00	69.62 -0.85 0.00	84.80 -0.34 0.00	82.06 0.08 0.00	69.95 0.14 0.00	59.76 0.53 0.00	52.00 0.51 0.00	46.62 1.00 0.00	44.75 0.83 0.00
NEG NORTH___LWR_SARANAC 23913	36.08 -0.77 0.00	33.22 -0.82 0.00	33.03 -0.81 0.00	32.98 -0.71 0.00	34.28 -0.70 0.00	39.32 -0.56 0.00	56.43 -0.46 0.00	64.35 -0.65 0.00	50.90 -0.57 0.00	40.91 -0.50 0.00	38.71 -0.39 0.00	35.92 -0.73 0.00	38.45 -0.39 0.00	38.52 -0.35 0.00	41.14 -0.29 0.00	49.48 -0.30 0.00	69.62 -0.85 0.00	84.80 -0.34 0.00	82.06 0.08 0.00	69.95 0.14 0.00	59.76 0.53 0.00	52.00 0.51 0.00	46.62 1.00 0.00	44.75 0.83 0.00
NEG NORTH___PLATTSBURG 23628	36.08 -0.78 0.00	33.22 -0.82 0.00	33.03 -0.81 0.00	32.98 -0.71 0.00	34.28 -0.70 0.00	39.32 -0.56 0.00	56.42 -0.46 0.00	64.35 -0.65 0.00	50.90 -0.57 0.00	40.91 -0.50 0.00	38.71 -0.39 0.00	35.92 -0.73 0.00	38.45 -0.39 0.00	38.52 -0.35 0.00	41.14 -0.29 0.00	49.48 -0.30 0.00	69.62 -0.84 0.00	84.80 -0.34 0.00	82.06 0.08 0.00	69.95 0.14 0.00	59.59 0.36 0.00	52.00 0.51 0.00	46.62 1.00 0.00	44.74 0.83 0.00
NEG WEST_LEA_LOCKPORT 23791	34.42 -2.43 0.00	31.58 -2.45 0.00	31.64 -2.20 0.00	31.50 -2.19 0.00	33.23 -1.75 0.00	36.44 -3.43 0.00	50.79 -6.09 0.00	58.50 -6.50 0.00	46.42 -5.04 0.00	38.59 -2.82 0.00	37.02 -2.07 0.00	34.93 -1.72 0.00	36.24 -2.60 0.00	36.19 -2.68 0.00	38.45 -2.98 0.00	45.25 -4.53 0.00	64.47 -5.99 0.00	77.14 -8.00 0.00	74.60 -7.38 0.00	64.02 -5.79 0.00	53.54 -5.69 0.00	47.32 -4.17 0.00	42.10 -3.51 0.00	40.84 -3.07 0.00
NEG WEST___LANCASTR 23811	33.87 -2.99 0.00	31.14 -2.89 0.00	31.17 -2.67 0.00	31.06 -2.63 0.00	32.74 -2.24 0.00	36.32 -3.55 0.00	50.97 -5.92 0.00	59.02 -5.98 0.00	46.63 -4.84 0.00	38.68 -2.73 0.00	37.10 -1.99 0.00	35.00 -1.65 0.00	36.36 -2.49 0.00	36.34 -2.53 0.00	38.57 -2.86 0.00	45.30 -4.48 0.00	64.83 -5.64 0.00	77.99 -7.15 0.00	75.42 -6.56 0.00	64.58 -5.24 0.00	54.08 -5.15 0.00	47.68 -3.81 0.00	42.52 -3.10 0.00	40.84 -3.07 0.00
NEG_PENN_ALLEGHNY 23528	36.89 0.04 0.00	34.03 0.00 0.00	33.91 0.07 0.00	33.76 0.07 0.00	35.16 0.18 0.00	39.96 0.08 0.00	56.82 -0.06 0.00	65.06 0.07 0.00	51.62 0.15 0.00	41.66 0.25 0.00	39.49 0.39 0.00	37.12 0.48 0.00	39.08 0.23 0.00	39.10 0.23 0.00	41.59 0.17 0.00	49.78 0.00 0.00	70.67 0.21 0.00	85.31 0.17 0.00	82.15 0.16 0.00	70.02 0.21 0.00	59.35 0.12 0.00	51.64 0.15 0.00	45.71 0.09 0.00	43.96 0.04 0.00
NEG___GEN_MONROE 24207	35.71 -1.14 0.00	32.81 -1.23 0.00	32.79 -1.05 0.00	32.65 -1.04 0.00	34.28 -0.70 0.00	38.48 -1.40 0.00	54.09 -2.79 0.00	62.01 -2.99 0.00	49.25 -2.21 0.00	40.33 -1.08 0.00	38.51 -0.59 0.00	36.21 -0.44 0.00	37.91 -0.93 0.00	37.82 -1.05 0.00	40.14 -1.28 0.00	47.54 -2.24 0.00	67.50 -2.96 0.00	81.22 -3.92 0.00	78.38 -3.61 0.00	67.02 -2.79 0.00	56.15 -3.08 0.00	49.38 -2.11 0.00	43.98 -1.64 0.00	42.46 -1.45 0.00
NEPA___ENERGY 23901	34.50 -2.36 0.00	31.72 -2.31 0.00	31.74 -2.10 0.00	31.64 -2.06 0.00	33.34 -1.64 0.00	37.00 -2.87 0.00	52.05 -4.83 0.00	60.06 -4.94 0.00	47.45 -4.01 0.00	39.38 -2.03 0.00	37.77 -1.33 0.00	35.66 -0.99 0.00	37.05 -1.79 0.00	37.04 -1.83 0.00	39.32 -2.11 0.00	46.15 -3.63 0.00	65.95 -4.51 0.00	79.43 -5.70 0.00	76.74 -5.25 0.00	65.77 -4.05 0.00	55.08 -4.15 0.00	48.50 -2.99 0.00	43.25 -2.37 0.00	41.63 -2.28 0.00

NEVERSINK___HYD 23608	39.03 2.17 0.00	35.94 1.90 0.00	35.60 1.76 0.00	35.47 1.78 0.00	36.84 1.85 0.00	42.11 2.23 0.00	60.29 3.41 0.00	68.70 3.70 0.00	54.19 2.73 0.00	43.56 2.15 0.00	41.09 1.99 0.00	38.66 2.01 0.00	40.86 2.02 0.00	40.89 2.02 0.00	43.62 2.19 0.00	52.37 2.59 0.00	74.48 4.01 0.00	90.33 5.19 0.00	86.74 4.75 0.00	73.65 3.84 0.00	62.37 3.14 0.00	54.47 2.99 0.00	48.08 2.46 0.00	46.02 2.11 0.00
NEWKRMKL_115KV_TB1 55635	37.81 0.96 0.00	34.99 0.95 0.00	34.75 0.91 0.00	34.57 0.88 0.00	35.79 0.80 0.00	40.75 0.88 0.00	58.08 1.19 0.00	66.30 1.30 0.00	52.24 0.77 0.00	41.86 0.46 0.00	39.33 0.23 0.00	37.05 0.40 0.00	39.15 0.31 0.00	39.18 0.31 0.00	41.80 0.37 0.00	50.38 0.60 0.00	71.59 1.13 0.00	86.25 1.11 0.00	83.05 1.07 0.00	70.58 0.77 0.00	60.06 0.83 0.00	51.95 0.46 0.00	45.94 0.32 0.00	44.39 0.48 0.00
NEWTON___FALLS_HYD 23847	36.82 -0.04 0.00	34.10 0.07 0.00	33.94 0.10 0.00	33.79 0.10 0.00	35.05 0.07 0.00	40.15 0.28 0.00	57.45 0.57 0.00	65.71 0.71 0.00	51.93 0.46 0.00	41.49 0.08 0.00	39.33 0.23 0.00	36.61 -0.04 0.00	39.00 0.16 0.00	38.87 0.00 0.00	41.30 -0.12 0.00	50.18 0.40 0.00	70.96 0.49 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.33 0.00	60.41 1.18 0.00	53.03 1.54 0.00	47.08 1.46 0.00	45.19 1.27 0.00
NGRID_A1_DSASP 323792	33.83 -3.02 0.00	31.04 -2.99 0.00	31.03 -2.81 0.00	30.89 -2.80 0.00	32.60 -2.38 0.00	35.91 -3.95 0.02	49.88 -7.00 0.00	57.39 -7.60 0.00	45.55 -5.92 0.00	37.97 -3.44 0.00	36.48 -2.62 0.00	34.38 -2.27 0.00	35.62 -3.22 0.00	35.60 -3.26 0.00	37.82 -3.60 0.00	44.50 -5.28 0.00	63.27 -7.19 0.00	75.43 -9.71 0.00	72.88 -9.10 0.00	62.62 -7.19 0.00	52.42 -6.81 0.00	46.39 -5.10 0.00	41.28 -4.33 0.00	40.14 -3.78 0.00
NGRID_A2_DSASP 323793	33.83 -3.02 0.00	31.04 -2.99 0.00	31.03 -2.81 0.00	30.89 -2.80 0.00	32.60 -2.38 0.00	35.91 -3.95 0.02	49.88 -7.00 0.00	57.39 -7.60 0.00	45.55 -5.92 0.00	37.97 -3.44 0.00	36.48 -2.62 0.00	34.38 -2.27 0.00	35.62 -3.22 0.00	35.60 -3.26 0.00	37.82 -3.60 0.00	44.50 -5.28 0.00	63.27 -7.19 0.00	75.43 -9.71 0.00	72.88 -9.10 0.00	62.62 -7.19 0.00	52.42 -6.81 0.00	46.39 -5.10 0.00	41.28 -4.33 0.00	40.14 -3.78 0.00
NGRID_A4_DSASP 323807	33.83 -3.02 0.00	31.04 -2.99 0.00	31.03 -2.81 0.00	30.89 -2.80 0.00	32.60 -2.38 0.00	35.91 -3.95 0.02	49.88 -7.00 0.00	57.39 -7.60 0.00	45.55 -5.92 0.00	37.97 -3.44 0.00	36.48 -2.62 0.00	34.38 -2.27 0.00	35.62 -3.22 0.00	35.60 -3.26 0.00	37.82 -3.60 0.00	44.50 -5.28 0.00	63.27 -7.19 0.00	75.43 -9.71 0.00	72.88 -9.10 0.00	62.62 -7.19 0.00	52.42 -6.81 0.00	46.39 -5.10 0.00	41.28 -4.33 0.00	40.14 0.00 0.00
NIAGARA_115E_LBMP 323715	34.20 -2.65 0.00	31.41 -2.62 0.00	31.44 -2.40 0.00	31.30 -2.39 0.00	33.03 -1.96 0.00	36.09 -3.79 0.00	49.94 -6.94 0.00	57.53 -7.47 0.00	46.48 -4.99 0.00	38.01 -3.39 0.00	36.51 -2.58 0.00	34.56 -2.09 0.00	35.70 -3.14 0.00	35.68 -3.19 0.00	37.78 -3.65 0.00	44.55 -5.23 0.00	63.42 -7.05 0.00	75.77 -9.37 0.00	73.13 -8.86 0.00	62.83 -6.98 0.00	53.25 -5.98 0.00	46.60 -4.89 0.00	41.42 -4.20 0.00	40.53 -3.38 0.00
NIAGARA_115W_LBMP 323714	33.76 -3.10 0.00	31.00 -3.03 0.00	30.96 -2.88 0.00	30.83 -2.86 0.00	32.53 -2.45 0.00	35.99 -3.87 0.02	49.77 -7.11 0.00	57.26 -7.74 0.00	46.27 -5.20 0.00	37.89 -3.52 0.00	36.40 -2.70 0.00	34.45 -2.20 0.00	35.58 -3.26 0.00	35.53 -3.34 0.00	37.66 -3.77 0.00	44.40 -5.38 0.00	63.13 -7.33 0.00	75.26 -9.87 0.00	72.63 -9.35 0.00	62.48 -7.33 0.00	52.95 -6.28 0.00	46.34 -5.15 0.00	41.19 -4.42 0.00	40.36 -3.56 0.00
NIAGARA_230_LBMP 323716	34.27 -2.58 0.00	31.51 -2.52 0.00	31.47 -2.37 0.00	31.33 -2.36 0.00	33.06 -1.92 0.00	36.57 -3.31 0.00	50.68 -6.20 0.00	58.31 -6.69 0.00	47.04 -4.43 0.00	38.51 -2.90 0.00	36.95 -2.15 0.00	35.00 -1.65 0.00	36.16 -2.68 0.00	36.11 -2.76 0.00	38.28 -3.15 0.00	45.10 -4.68 0.00	64.12 -6.34 0.00	76.63 -8.51 0.00	73.95 -8.03 0.00	63.53 -6.28 0.00	53.84 -5.39 0.00	47.11 -4.38 0.00	41.88 -3.74 0.00	40.92 -2.99 0.00
NIAGARA___115KV_198_GIBSON 55903	33.76 -3.10 0.00	30.97 -3.06 0.00	30.96 -2.88 0.00	30.83 -2.86 0.00	32.53 -2.45 0.00	35.83 -4.03 0.02	49.77 -7.11 0.00	57.26 -7.73 0.00	45.45 -6.02 0.00	37.89 -3.52 0.00	36.36 -2.74 0.00	34.27 -2.38 0.00	35.54 -3.30 0.00	35.53 -3.34 0.00	37.74 -3.69 0.00	44.40 -5.38 0.00	63.13 -7.33 0.00	75.26 -9.88 0.00	72.72 -9.26 0.00	62.48 -7.33 0.00	52.30 -6.93 0.00	46.29 -5.20 0.00	41.19 -4.42 0.00	40.00 -3.91 0.00
NIAGARA____ 23760	34.27 -2.58 0.00	31.51 -2.52 0.00	31.47 -2.37 0.00	31.33 -2.36 0.00	33.06 -1.92 0.00	36.56 -3.31 0.01	50.68 -6.20 0.00	58.31 -6.69 0.00	47.04 -4.43 0.00	38.51 -2.90 0.00	36.95 -2.15 0.00	35.00 -1.65 0.00	36.16 -2.68 0.00	36.11 -2.76 0.00	38.28 -3.15 0.00	45.10 -4.68 0.00	64.12 -6.34 0.00	76.63 -8.51 0.00	73.95 -8.03 0.00	63.53 -6.28 0.00	53.84 -5.39 0.00	47.11 -4.38 0.00	41.88 -3.74 0.00	40.92 -2.99 0.00
NINE_MILE_1 23575	35.56 -1.29 0.00	32.84 -1.19 0.00	32.69 -1.15 0.00	32.54 -1.15 0.00	33.86 -1.12 0.00	38.48 -1.40 0.00	54.66 -2.22 0.00	62.60 -2.40 0.00	49.66 -1.80 0.00	40.00 -1.41 0.00	37.77 -1.33 0.00	35.55 -1.10 0.00	37.48 -1.36 0.00	37.51 -1.36 0.00	39.94 -1.49 0.00	47.89 -1.89 0.00	67.86 -2.61 0.00	81.82 -3.32 0.00	78.78 -3.20 0.00	67.16 -2.65 0.00	56.92 -2.31 0.00	49.53 -1.96 0.00	43.88 -1.73 0.00	42.24 -1.67 0.00
NINE_MILE_2 23744	35.56 -1.29 0.00	32.87 -1.16 0.00	32.72 -1.12 0.00	32.54 -1.15 0.00	33.86 -1.12 0.00	38.48 -1.40 0.00	54.66 -2.22 0.00	62.60 -2.40 0.00	49.66 -1.80 0.00	40.00 -1.41 0.00	37.77 -1.33 0.00	35.55 -1.10 0.00	37.48 -1.36 0.00	37.51 -1.36 0.00	39.94 -1.49 0.00	47.89 -1.89 0.00	67.86 -2.61 0.00	81.82 -3.32 0.00	78.78 -3.20 0.00	67.16 -2.65 0.00	56.92 -2.31 0.00	49.53 -1.96 0.00	43.88 -1.73 0.00	42.24 -1.67 0.00
NM_CAPITAL___DRP 24208	37.85 1.00 0.00	35.02 0.99 0.00	34.75 0.91 0.00	34.60 0.91 0.00	35.82 0.84 0.00	40.79 0.92 0.00	58.13 1.25 0.00	66.36 1.36 0.00	52.29 0.82 0.00	41.86 0.46 0.00	39.29 0.20 0.00	37.05 0.40 0.00	39.15 0.31 0.00	39.18 0.31 0.00	41.80 0.37 0.00	50.43 0.65 0.00	71.52 1.06 0.00	86.25 1.11 0.00	83.05 1.07 0.00	70.58 0.77 0.00	60.06 0.83 0.00	51.90 0.41 0.00	45.94 0.32 0.00	44.39 0.48 0.00
NM_CENTRAL___DRP 24181	36.27 -0.59 0.00	33.49 -0.54 0.00	33.33 -0.51 0.00	33.15 -0.54 0.00	34.53 -0.45 0.00	39.24 -0.64 0.00	55.80 -1.08 0.00	63.89 -1.10 0.00	50.69 -0.77 0.00	40.91 -0.50 0.00	38.67 -0.43 0.00	36.39 -0.26 0.00	38.34 -0.50 0.00	38.36 -0.51 0.00	40.85 -0.58 0.00	48.93 -0.85 0.00	69.33 -1.13 0.00	83.61 -1.53 0.00	80.42 -1.56 0.00	68.56 -1.26 0.00	57.99 -1.24 0.00	50.61 -0.88 0.00	44.75 -0.87 0.00	43.03 -0.88 0.00

NM_FRONTIER___DRP 24179	33.76 -3.10 0.00	30.97 -3.06 0.00	30.96 -2.88 0.00	30.83 -2.86 0.00	32.53 -2.45 0.00	35.83 -4.03 0.02	49.77 -7.11 0.00	57.26 -7.73 0.00	45.45 -6.02 0.00	37.89 -3.52 0.00	36.36 -2.74 0.00	34.27 -2.38 0.00	35.54 -3.30 0.00	35.53 -3.34 0.00	37.74 -3.69 0.00	44.40 -5.38 0.00	63.13 -7.33 0.00	75.26 -9.88 0.00	72.72 -9.26 0.00	62.48 -7.33 0.00	52.30 -6.93 0.00	46.29 -5.20 0.00	41.19 -4.42 0.00	40.00 -3.91 0.00
NM_ST_REGIS___HYD 24053	36.89 0.04 0.00	34.07 0.03 0.00	33.91 0.07 0.00	33.79 0.10 0.00	35.09 0.10 0.00	40.23 0.36 0.00	57.73 0.85 0.00	65.78 0.78 0.00	52.03 0.57 0.00	41.74 0.33 0.00	39.53 0.43 0.00	36.65 0.00 0.00	39.27 0.43 0.00	39.26 0.39 0.00	41.80 0.37 0.00	50.43 0.65 0.00	70.88 0.42 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.07 1.26 0.00	60.65 1.42 0.00	52.98 1.49 0.00	47.26 1.64 0.00	45.36 1.45 0.00
NORTHPORT___1 23551	39.22 2.36 0.00	36.04 2.01 0.00	35.46 1.62 0.00	35.27 1.58 0.00	36.56 1.58 0.00	41.31 1.43 0.00	58.87 1.99 0.00	66.55 1.56 0.01	45.82 1.18 6.83	39.61 2.90 4.70	42.12 3.09 0.06	39.90 3.04 -0.21	42.05 3.11 -0.10	42.11 3.15 -0.10	45.01 3.52 -0.06	51.77 1.99 0.00	73.55 3.10 0.01	88.55 3.41 0.00	85.51 3.52 0.00	73.65 3.84 0.01	62.01 2.78 0.01	53.80 2.32 0.01	46.98 1.37 0.00	45.05 1.14 0.00
NORTHPORT___2 23552	39.22 2.36 0.00	36.04 2.01 0.00	35.46 1.62 0.00	35.27 1.58 0.00	36.56 1.58 0.00	41.31 1.43 0.00	58.87 1.99 0.00	66.55 1.56 0.01	46.08 1.18 6.58	39.61 2.90 4.70	42.12 3.09 0.06	39.90 3.04 -0.21	42.05 3.11 -0.10	42.11 3.15 -0.10	45.01 3.52 -0.06	51.77 1.99 0.00	73.55 3.10 0.01	88.55 3.41 0.00	85.51 3.52 0.00	73.65 3.84 0.01	62.01 2.78 0.01	53.80 2.32 0.01	46.98 1.37 0.00	45.05 1.14 0.00
NORTHPORT___3 23553	39.10 2.25 0.00	35.94 1.90 0.00	35.36 1.52 0.00	35.17 1.48 0.00	36.45 1.47 0.00	41.11 1.24 0.00	58.64 1.77 0.00	66.22 1.23 0.01	41.76 0.98 10.68	39.61 2.77 4.57	42.12 2.97 -0.05	39.86 2.97 -0.24	42.04 2.99 -0.21	42.00 3.03 -0.10	44.89 3.40 -0.06	51.57 1.79 0.00	73.28 2.82 0.00	88.20 3.06 0.00	85.18 3.19 0.00	73.37 3.56 0.00	61.77 2.55 0.00	53.59 2.11 0.00	46.80 1.18 0.00	44.92 1.01 0.00
NORTHPORT___4 23650	39.10 2.25 0.00	35.94 1.90 0.00	35.36 1.52 0.00	35.17 1.48 0.00	36.45 1.47 0.00	41.11 1.24 0.00	58.64 1.77 0.00	66.22 1.23 0.01	41.76 0.98 10.68	39.61 2.77 4.57	42.12 2.97 -0.05	39.86 2.97 -0.24	42.04 2.99 -0.21	42.00 3.03 -0.10	44.89 3.40 -0.06	51.57 1.79 0.00	73.28 2.82 0.00	88.20 3.06 0.00	85.18 3.19 0.00	73.37 3.56 0.00	61.77 2.55 0.00	53.59 2.11 0.00	46.80 1.18 0.00	44.92 1.01 0.00
NORTHPORT___IC 23718	39.21 2.36 0.00	36.04 2.01 0.00	35.46 1.62 0.00	35.27 1.58 0.00	36.66 1.68 0.00	41.63 1.75 0.00	58.87 1.99 0.00	66.56 1.56 0.00	45.87 1.24 6.83	39.61 2.90 4.70	42.12 3.09 0.06	39.90 3.04 -0.21	42.05 3.11 -0.10	42.11 3.15 -0.10	44.97 3.48 -0.06	51.77 1.99 0.00	73.56 3.10 0.01	88.37 3.24 0.00	85.34 3.36 0.00	73.79 3.98 0.01	62.07 2.84 0.01	54.06 2.57 0.01	47.03 1.41 0.00	45.40 1.49 0.00
NORTH___COUNTRY_ESR 323785	35.82 -1.03 0.00	33.01 -1.02 0.00	32.82 -1.01 0.00	32.75 -0.94 0.00	34.04 -0.94 0.00	39.00 -0.88 0.00	55.97 -0.91 0.00	63.83 -1.17 0.00	50.54 -0.92 0.00	40.62 -0.79 0.00	38.43 -0.66 0.00	35.70 -0.95 0.00	38.22 -0.62 0.00	38.29 -0.58 0.00	40.89 -0.54 0.00	49.28 -0.50 0.00	69.48 -0.99 0.00	84.55 -0.59 0.00	81.66 -0.33 0.00	69.61 -0.21 0.00	59.23 0.00 0.00	51.59 0.10 0.00	46.07 0.46 0.00	44.31 0.39 0.00
NPX_GEN_1385_PROXY 323591	39.14 2.29 0.00	36.04 2.01 0.00	35.46 1.62 0.00	35.27 1.58 0.00	36.56 1.58 0.00	41.63 1.75 0.00	59.10 2.22 0.00	66.75 1.76 0.01	45.92 1.29 6.83	39.40 2.69 4.70	36.27 2.74 5.56	35.07 2.71 4.29	37.10 2.76 4.50	41.88 2.92 -0.10	45.14 3.65 -0.06	52.07 2.29 0.00	73.70 3.24 0.01	88.12 2.98 0.00	85.43 3.44 0.00	73.65 3.84 0.01	62.40 2.96 -0.21	53.59 2.32 0.22	46.85 1.23 0.00	44.88 0.96 0.00
NPX_GEN_CSC 323557	38.84 1.99 0.00	35.90 1.87 0.00	35.29 1.45 0.00	35.04 1.35 0.00	36.21 1.22 0.00	41.19 1.31 0.00	58.24 1.36 0.00	64.67 -0.32 0.01	44.14 -0.41 6.91	34.80 1.61 8.22	36.68 1.60 4.02	37.40 1.69 0.94	36.98 1.79 3.65	40.68 1.75 -0.06	43.64 2.15 -0.06	50.28 0.50 0.00	71.58 1.12 0.00	86.59 1.45 0.00	83.62 1.64 0.00	71.98 2.17 0.00	60.69 1.25 -0.21	52.30 1.03 0.22	45.71 0.09 0.00	43.78 -0.13 0.00
NSINS_S_GLNS_FALLS 23858	38.22 1.36 0.00	35.39 1.36 0.00	35.16 1.32 0.00	34.94 1.25 0.00	36.24 1.26 0.00	41.51 1.63 0.00	59.16 2.28 0.00	67.60 2.60 0.00	52.70 1.24 0.00	42.03 0.62 0.00	39.41 0.31 0.00	37.09 0.44 0.00	39.19 0.35 0.00	39.10 0.23 0.00	41.80 0.37 0.00	50.73 0.95 0.00	72.65 2.18 0.00	87.78 2.64 0.00	84.77 2.79 0.00	71.91 2.09 0.00	61.30 2.07 0.00	52.88 1.39 0.00	46.76 1.14 0.00	45.27 1.36 0.00
NUCOR_STEEL___DRP 24197	36.56 -0.29 0.00	33.73 -0.31 0.00	33.60 -0.24 0.00	33.45 -0.24 0.00	34.84 -0.14 0.00	39.64 -0.24 0.00	56.37 -0.51 0.00	64.61 -0.39 0.00	51.21 -0.26 0.00	41.28 -0.12 0.00	39.02 -0.08 0.00	36.72 0.07 0.00	38.65 -0.19 0.00	38.71 -0.16 0.00	41.18 -0.25 0.00	49.38 -0.40 0.00	70.04 -0.42 0.00	84.71 -0.43 0.00	81.57 -0.41 0.00	69.54 -0.28 0.00	58.76 -0.47 0.00	51.23 -0.26 0.00	45.30 -0.32 0.00	43.52 -0.40 0.00
NUMBER_THREE_WT_PWR 323818	36.75 -0.11 0.00	34.07 0.03 0.00	33.91 0.07 0.00	33.69 0.00 0.00	35.05 0.07 0.00	40.16 0.28 0.00	57.33 0.45 0.00	65.58 0.58 0.00	51.78 0.31 0.00	41.28 -0.12 0.00	39.14 0.04 0.00	36.54 -0.11 0.00	38.72 -0.12 0.00	38.68 -0.19 0.00	41.05 -0.37 0.00	50.38 0.60 0.00	71.73 1.27 0.00	86.84 1.70 0.00	83.95 1.96 0.00	71.77 1.95 0.00	60.77 1.54 0.00	53.24 1.75 0.00	47.08 1.46 0.00	45.19 1.27 0.00
NYISO_LBMP_REFERENCE 24008	36.86 0.00 0.00	34.03 0.00 0.00	33.84 0.00 0.00	33.69 0.00 0.00	34.98 0.00 0.00	39.88 0.00 0.00	56.88 0.00 0.00	65.00 0.00 0.00	51.47 0.00 0.00	41.41 0.00 0.00	39.10 0.00 0.00	36.65 0.00 0.00	38.84 0.00 0.00	38.87 0.00 0.00	41.43 0.00 0.00	49.78 0.00 0.00	70.46 0.00 0.00	85.14 0.00 0.00	81.98 0.00 0.00	69.81 0.00 0.00	59.23 0.00 0.00	51.49 0.00 0.00	45.62 0.00 0.00	43.91 0.00 0.00
NYPA_BRENTWD____GT 24164	39.58 2.73 0.00	36.35 2.32 0.00	35.77 1.93 0.00	35.58 1.89 0.00	36.91 1.92 0.00	41.79 1.91 0.00	59.67 2.79 0.00	67.40 2.41 0.01	45.75 1.13 6.85	39.83 3.23 4.81	42.11 3.44 0.43	40.12 3.37 -0.10	42.02 3.42 0.24	42.46 3.50 -0.09	45.38 3.89 -0.06	52.32 2.54 0.00	74.62 4.16 0.00	89.99 4.85 0.00	86.90 4.92 0.00	74.84 5.03 0.00	62.90 3.67 0.00	54.63 3.14 0.00	47.58 1.96 0.00	45.58 1.67 0.00

NYPA_GOWANUS____GT5 24156	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.62 4.16 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NYPA_GOWANUS____GT6 24157	39.85 2.98 -0.01	36.70 2.66 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.52 2.52 -0.01	42.80 2.91 -0.01	60.64 3.75 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.91 2.35 -4.91	43.90 2.41 -2.65	43.80 2.41 -2.52	45.60 2.61 -1.56	53.17 3.39 0.00	74.62 4.16 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.60 3.37 0.00	54.79 3.30 0.00	48.69 3.06 -0.01	46.64 2.72 -0.01
NYPA_HARLEM__RVR__GT1 24160	39.40 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.40 2.51 -0.01	60.30 3.41 -0.01	68.71 3.70 -0.01	54.67 3.19 -0.01	45.02 2.69 -0.92	43.72 2.58 -2.05	39.99 2.56 -0.77	41.78 2.60 -0.34	41.89 2.64 -0.38	44.53 2.86 -0.25	52.86 3.09 0.01	74.26 3.80 0.01	89.90 4.76 0.01	86.32 4.34 0.01	73.16 3.35 0.01	62.06 2.84 0.01	54.37 2.88 0.00	48.27 2.64 -0.01	46.33 2.41 -0.01
NYPA_HARLEM__RVR__GT2 24161	39.40 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.40 2.51 -0.01	60.30 3.41 -0.01	68.71 3.70 -0.01	54.67 3.19 -0.01	45.02 2.69 -0.92	43.72 2.58 -2.05	39.99 2.56 -0.77	41.78 2.60 -0.34	41.89 2.64 -0.38	44.53 2.86 -0.25	52.86 3.09 0.01	74.26 3.80 0.01	89.90 4.76 0.01	86.32 4.34 0.01	73.16 3.35 0.01	62.06 2.84 0.01	54.37 2.88 0.00	48.27 2.64 -0.01	46.33 2.41 -0.01
NYPA_KENT____GT 24152	39.74 2.88 -0.01	36.60 2.55 -0.01	36.22 2.37 -0.01	36.06 2.36 -0.01	37.41 2.41 -0.01	42.68 2.79 -0.01	60.58 3.70 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	52.03 2.57 -8.05	42.83 2.50 -1.22	45.87 2.49 -6.73	44.55 2.52 -3.19	44.46 2.56 -3.02	46.33 2.78 -2.13	53.12 3.34 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.54 3.31 0.00	54.68 3.19 0.00	48.55 2.92 -0.01	46.51 2.59 -0.01
NYPA_POUCH1____GT 24155	39.97 3.10 -0.01	36.80 2.76 -0.01	36.46 2.61 -0.01	36.30 2.59 -0.01	37.66 2.66 -0.01	42.92 3.03 -0.01	60.58 3.70 -0.01	68.98 3.97 -0.02	54.73 3.24 -0.02	49.48 2.19 -5.88	42.15 2.15 -0.90	43.72 2.16 -4.91	43.52 2.17 -2.50	43.46 2.21 -2.37	45.39 2.40 -1.56	53.12 3.34 0.00	74.48 4.01 0.00	90.25 5.11 0.00	86.74 4.75 0.00	73.51 3.70 0.00	62.49 3.26 0.00	54.79 3.30 0.00	48.82 3.19 -0.01	46.73 2.81 -0.01
NYPA_VERNON____GT2 24162	39.59 2.73 -0.01	36.49 2.45 -0.01	36.11 2.27 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.52 2.63 -0.01	60.53 3.64 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	51.61 2.73 -7.47	42.89 2.66 -1.14	45.52 2.64 -6.23	44.63 2.68 -3.11	44.50 2.68 -2.95	46.35 2.94 -1.98	53.06 3.28 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.49 3.26 0.00	54.58 3.09 0.00	48.41 2.78 -0.01	46.33 2.41 -0.01
NYPA_VERNON____GT3 24163	39.59 2.73 -0.01	36.49 2.45 -0.01	36.11 2.27 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.52 2.63 -0.01	60.53 3.64 -0.01	69.11 4.10 -0.02	54.83 3.34 -0.02	51.61 2.73 -7.47	42.89 2.66 -1.14	45.52 2.64 -6.23	44.63 2.68 -3.11	44.50 2.68 -2.95	46.35 2.94 -1.98	53.06 3.28 0.00	74.69 4.23 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.65 3.84 0.00	62.49 3.26 0.00	54.58 3.09 0.00	48.41 2.78 -0.01	46.33 2.41 -0.01
NYPA__ASTORIA_CC1 323568	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.47 2.59 -0.01	60.47 3.59 -0.01	68.98 3.97 -0.02	54.73 3.24 -0.02	51.35 2.69 -7.25	42.82 2.62 -1.11	45.31 2.60 -6.06	44.56 2.64 -3.08	44.44 2.64 -2.92	46.25 2.90 -1.92	53.01 3.23 0.00	74.62 4.16 0.00	90.33 5.19 0.00	86.74 4.75 0.00	73.51 3.70 0.00	62.37 3.14 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.33 2.41 -0.01
NYPA__ASTORIA_CC2 323569	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.47 2.59 -0.01	60.47 3.59 -0.01	68.98 3.97 -0.02	54.73 3.24 -0.02	51.35 2.69 -7.25	42.82 2.62 -1.11	45.31 2.60 -6.06	44.56 2.64 -3.08	44.44 2.64 -2.92	46.25 2.90 -1.92	53.01 3.23 0.00	74.62 4.16 0.00	90.33 5.19 0.00	86.74 4.75 0.00	73.51 3.70 0.00	62.37 3.14 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.33 2.41 -0.01
NYPA__HOLTSVILL 23794	39.14 2.29 0.00	36.04 2.01 0.00	35.43 1.59 0.00	35.21 1.52 0.00	36.49 1.50 0.00	41.35 1.48 0.00	58.87 1.99 0.00	66.22 1.23 0.01	45.45 0.87 6.89	35.74 2.57 8.23	37.85 2.78 4.03	38.46 2.75 0.94	37.99 2.80 3.65	41.76 2.84 -0.06	44.68 3.19 -0.06	51.37 1.59 0.00	73.13 2.68 0.00	88.20 3.06 0.00	85.10 3.11 0.00	73.37 3.56 0.00	61.65 2.43 0.00	53.54 2.06 0.00	46.71 1.09 0.00	44.74 0.83 0.00
NYPA____HELLGATE_GT1 24158	39.40 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.40 2.51 -0.01	60.30 3.41 -0.01	68.71 3.70 -0.01	54.67 3.19 -0.01	57.67 2.69 -13.57	41.82 2.58 -0.15	50.54 2.56 -11.33	46.05 2.60 -4.61	46.97 2.64 -5.45	47.86 2.86 -3.58	52.86 3.09 0.01	74.26 3.80 0.01	89.90 4.76 0.01	86.32 4.34 0.01	73.16 3.35 0.01	62.06 2.84 0.01	54.37 2.88 0.00	48.27 2.64 -0.01	46.33 2.41 -0.01
NYPA____HELLGATE_GT2 24159	39.40 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.40 2.51 -0.01	60.30 3.41 -0.01	68.71 3.70 -0.01	54.67 3.19 -0.01	57.67 2.69 -13.57	41.82 2.58 -0.15	50.54 2.56 -11.33	46.05 2.60 -4.61	46.97 2.64 -5.45	47.86 2.86 -3.58	52.86 3.09 0.01	74.26 3.80 0.01	89.90 4.76 0.01	86.32 4.34 0.01	73.16 3.35 0.01	62.06 2.84 0.01	54.37 2.88 0.00	48.27 2.64 -0.01	46.33 2.41 -0.01
NYS_BARGE__HYD 23848	34.50 -2.36 0.00	31.65 -2.38 0.00	31.67 -2.17 0.00	31.53 -2.16 0.00	33.27 -1.71 0.00	36.60 -3.27 0.00	50.80 -6.09 0.00	58.56 -6.44 0.00	47.20 -4.27 0.00	38.59 -2.82 0.00	37.06 -2.03 0.00	35.07 -1.57 0.00	36.24 -2.60 0.00	36.22 -2.64 0.00	38.36 -3.07 0.00	45.25 -4.53 0.00	64.54 -5.92 0.00	77.22 -7.92 0.00	74.60 -7.38 0.00	64.02 -5.79 0.00	54.20 -5.03 0.00	47.42 -4.07 0.00	42.15 -3.47 0.00	41.15 -2.77 0.00
OAK ORCHARD__HYD 24046	35.60 -1.25 0.00	32.74 -1.29 0.00	32.65 -1.19 0.00	32.51 -1.18 0.00	34.11 -0.87 0.00	38.44 -1.43 0.00	54.04 -2.84 0.00	62.01 -2.99 0.00	49.72 -1.75 0.00	40.29 -1.12 0.00	38.43 -0.66 0.00	36.28 -0.37 0.00	37.91 -0.93 0.00	37.82 -1.05 0.00	40.14 -1.28 0.00	47.74 -2.04 0.00	67.78 -2.68 0.00	81.40 -3.74 0.00	78.46 -3.52 0.00	67.09 -2.72 0.00	56.68 -2.55 0.00	49.43 -2.06 0.00	43.88 -1.73 0.00	42.50 -1.41 0.00

OAKDALE___35_KV_LOAD 356122	36.74 -0.11 0.00	33.90 -0.14 0.00	33.77 -0.07 0.00	33.59 -0.10 0.00	34.98 0.00 0.00	39.72 -0.16 0.00	56.48 -0.40 0.00	64.74 -0.26 0.00	51.21 -0.26 0.00	41.45 0.04 0.00	39.25 0.16 0.00	36.91 0.26 0.00	38.84 0.00 0.00	38.87 0.00 0.00	41.39 -0.04 0.00	49.48 -0.30 0.00	70.25 -0.21 0.00	84.80 -0.34 0.00	81.65 -0.33 0.00	69.67 -0.14 0.00	58.87 -0.36 0.00	51.33 -0.15 0.00	45.48 -0.14 0.00	43.69 -0.22 0.00
OCC_CHEM___DRP 24175	33.83 -3.02 0.00	31.04 -2.99 0.00	31.03 -2.81 0.00	30.89 -2.80 0.00	32.60 -2.38 0.00	35.91 -3.95 0.02	49.88 -7.00 0.00	57.39 -7.60 0.00	45.55 -5.92 0.00	37.97 -3.44 0.00	36.48 -2.62 0.00	34.38 -2.27 0.00	35.62 -3.22 0.00	35.60 -3.26 0.00	37.82 -3.60 0.00	44.50 -5.28 0.00	63.27 -7.19 0.00	75.43 -9.71 0.00	72.88 -9.10 0.00	62.62 -7.19 0.00	52.42 -6.81 0.00	46.39 -5.10 0.00	41.28 -4.33 0.00	40.14 -3.78 0.00
OH_GEN_PROXY 24063	34.31 -2.54 0.00	31.55 -2.48 0.00	31.50 -2.33 0.00	31.37 -2.32 0.00	33.09 -1.89 0.00	36.65 -3.23 0.00	50.85 -6.03 0.00	58.50 -6.50 0.00	47.20 -4.27 0.00	38.59 -2.82 0.00	37.06 -2.03 0.00	35.07 -1.57 0.00	36.24 -2.60 0.00	36.22 -2.64 0.00	38.36 -3.07 0.00	45.25 -4.53 0.00	64.33 -6.13 0.00	76.80 -8.34 0.00	74.19 -7.79 0.00	63.74 -6.07 0.00	54.23 -5.21 -0.22	47.00 -4.27 0.22	41.97 -3.65 0.00	40.97 -2.94 0.00
OLIN_CORP_DRP 24177	34.24 -2.62 0.00	31.41 -2.62 0.00	31.44 -2.40 0.00	31.33 -2.36 0.00	33.02 -1.96 0.00	36.01 -3.87 0.00	50.11 -6.77 0.00	57.72 -7.28 0.00	45.75 -5.71 0.00	38.10 -3.31 0.00	36.59 -2.50 0.00	34.49 -2.16 0.00	35.77 -3.07 0.00	35.76 -3.11 0.00	37.99 -3.44 0.00	44.65 -5.13 0.00	63.56 -6.91 0.00	75.94 -9.20 0.00	73.46 -8.53 0.00	63.04 -6.77 0.00	52.71 -6.52 0.00	46.65 -4.84 0.00	41.51 -4.11 0.00	40.31 -3.60 0.00
OLIN_CORP_DSASP 323712	33.83 -3.02 0.00	31.04 -2.99 0.00	31.03 -2.81 0.00	30.89 -2.80 0.00	32.60 -2.38 0.00	35.91 -3.95 0.02	49.88 -7.00 0.00	57.39 -7.60 0.00	45.55 -5.92 0.00	37.97 -3.44 0.00	36.48 -2.62 0.00	34.38 -2.27 0.00	35.62 -3.22 0.00	35.60 -3.26 0.00	37.82 -3.60 0.00	44.50 -5.28 0.00	63.27 -7.19 0.00	75.43 -9.71 0.00	72.88 -9.10 0.00	62.62 -7.19 0.00	52.42 -6.81 0.00	46.39 -5.10 0.00	41.28 -4.33 0.00	40.14 -3.78 0.00
ONEIDA_HERK_LFGE 323681	37.19 0.33 0.00	34.44 0.41 0.00	34.28 0.44 0.00	34.10 0.41 0.00	35.47 0.49 0.00	40.55 0.68 0.00	57.85 0.97 0.00	66.10 1.10 0.00	52.29 0.82 0.00	41.82 0.41 0.00	39.60 0.51 0.00	37.09 0.44 0.00	39.27 0.43 0.00	39.22 0.35 0.00	41.68 0.25 0.00	50.72 0.94 0.00	72.15 1.69 0.00	87.18 2.04 0.00	84.03 2.05 0.00	71.70 1.89 0.00	60.77 1.54 0.00	52.98 1.49 0.00	46.80 1.18 0.00	45.01 1.10 0.00
ONEIDA___115KV_TB4 55905	37.44 0.59 0.00	34.64 0.61 0.00	34.52 0.68 0.00	34.33 0.64 0.00	35.75 0.77 0.00	40.83 0.96 0.00	58.19 1.31 0.00	66.56 1.56 0.00	52.60 1.13 0.00	42.19 0.79 0.00	39.92 0.82 0.00	37.45 0.81 0.00	39.58 0.74 0.00	39.57 0.70 0.00	42.05 0.62 0.00	50.87 1.10 0.00	72.36 1.90 0.00	87.35 2.21 0.00	84.11 2.13 0.00	71.77 1.95 0.00	60.71 1.48 0.00	52.88 1.39 0.00	46.71 1.09 0.00	44.88 0.97 0.00
ONONDAGA_REF_OCCRA 23987	36.41 -0.44 0.00	33.62 -0.41 0.00	33.47 -0.37 0.00	33.29 -0.40 0.00	34.67 -0.31 0.00	39.44 -0.44 0.00	56.14 -0.74 0.00	64.28 -0.71 0.00	50.95 -0.51 0.00	41.08 -0.33 0.00	38.82 -0.27 0.00	36.54 -0.11 0.00	38.49 -0.35 0.00	38.56 -0.31 0.00	41.01 -0.41 0.00	49.18 -0.60 0.00	69.69 -0.78 0.00	84.20 -0.94 0.00	81.00 -0.98 0.00	69.05 -0.77 0.00	58.40 -0.83 0.00	50.92 -0.57 0.00	45.02 -0.59 0.00	43.30 -0.61 0.00
ONONDAGA___COGEN 23986	36.41 -0.44 0.00	33.62 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.67 -0.31 0.00	39.44 -0.44 0.00	56.14 -0.74 0.00	64.28 -0.71 0.00	51.00 -0.46 0.00	41.12 -0.29 0.00	38.86 -0.23 0.00	36.54 -0.11 0.00	38.53 -0.31 0.00	38.56 -0.31 0.00	41.06 -0.37 0.00	49.23 -0.55 0.00	69.69 -0.78 0.00	84.20 -0.94 0.00	81.00 -0.98 0.00	69.05 -0.77 0.00	58.40 -0.83 0.00	50.92 -0.57 0.00	45.02 -0.59 0.00	43.30 -0.61 0.00
ONTARIO___LFGE 23819	36.04 -0.81 0.00	33.22 -0.82 0.00	33.13 -0.71 0.00	32.95 -0.74 0.00	34.46 -0.52 0.00	39.12 -0.76 0.00	55.40 -1.48 0.00	63.57 -1.43 0.00	50.75 -0.72 0.00	40.91 -0.50 0.00	38.86 -0.23 0.00	36.61 -0.04 0.00	38.41 -0.43 0.00	38.40 -0.46 0.00	40.81 -0.62 0.00	48.78 -1.00 0.00	69.20 -1.27 0.00	83.52 -1.62 0.00	80.34 -1.64 0.00	68.63 -1.19 0.00	57.98 -1.25 0.00	50.46 -1.03 0.00	44.66 -0.96 0.00	43.03 -0.88 0.00
ORANGEVILLE_WT_PWR 323706	33.76 -3.10 0.00	31.07 -2.96 0.00	31.27 -2.57 0.00	31.16 -2.53 0.00	32.78 -2.20 0.00	36.49 -3.39 0.00	51.08 -5.80 0.00	58.89 -6.11 0.00	47.04 -4.43 0.00	38.43 -2.98 0.00	36.87 -2.23 0.00	34.85 -1.79 0.00	36.12 -2.72 0.00	36.07 -2.80 0.00	38.32 -3.11 0.00	45.40 -4.38 0.00	64.97 -5.50 0.00	78.16 -6.98 0.00	75.59 -6.39 0.00	64.93 -4.89 0.00	54.91 -4.32 0.00	47.99 -3.50 0.00	42.74 -2.87 0.00	41.50 -2.42 0.00
ORANGEVILLE___ESR 323794	33.76 -3.10 0.00	31.07 -2.96 0.00	31.27 -2.57 0.00	31.16 -2.53 0.00	32.78 -2.20 0.00	36.49 -3.39 0.00	51.08 -5.80 0.00	58.89 -6.11 0.00	47.04 -4.43 0.00	38.43 -2.98 0.00	36.87 -2.23 0.00	34.85 -1.79 0.00	36.12 -2.72 0.00	36.07 -2.80 0.00	38.32 -3.11 0.00	45.40 -4.38 0.00	64.97 -5.50 0.00	78.16 -6.98 0.00	75.59 -6.39 0.00	64.93 -4.89 0.00	54.91 -4.32 0.00	47.99 -3.50 0.00	42.74 -2.87 0.00	41.50 -2.42 0.00
OSWEGATCHIE___HYD 24044	36.82 -0.04 0.00	34.10 0.07 0.00	33.94 0.10 0.00	33.79 0.10 0.00	35.05 0.07 0.00	40.16 0.28 0.00	57.45 0.57 0.00	65.72 0.72 0.00	51.93 0.46 0.00	41.49 0.08 0.00	39.33 0.24 0.00	36.61 -0.04 0.00	39.00 0.16 0.00	38.87 0.00 0.00	41.30 -0.12 0.00	50.18 0.40 0.00	70.96 0.50 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.32 0.00	60.35 1.12 0.00	53.03 1.54 0.00	47.08 1.46 0.00	45.19 1.27 0.00
OSWEGO___5 23606	35.82 -1.03 0.00	33.11 -0.92 0.00	32.96 -0.88 0.00	32.78 -0.91 0.00	34.11 -0.87 0.00	38.76 -1.12 0.00	55.12 -1.76 0.00	63.05 -1.95 0.00	50.08 -1.39 0.00	40.33 -1.08 0.00	38.08 -1.02 0.00	35.84 -0.81 0.00	37.79 -1.05 0.00	37.82 -1.05 0.00	40.27 -1.16 0.00	48.29 -1.49 0.00	68.42 -2.05 0.00	82.50 -2.64 0.00	79.44 -2.54 0.00	67.72 -2.09 0.00	57.39 -1.84 0.00	49.94 -1.54 0.00	44.25 -1.37 0.00	42.60 -1.32 0.00
OSWEGO___6 23613	35.82 -1.03 0.00	33.11 -0.92 0.00	32.96 -0.88 0.00	32.78 -0.91 0.00	34.11 -0.87 0.00	38.76 -1.12 0.00	55.12 -1.76 0.00	63.05 -1.95 0.00	50.08 -1.39 0.00	40.33 -1.08 0.00	38.08 -1.02 0.00	35.84 -0.81 0.00	37.79 -1.05 0.00	37.82 -1.05 0.00	40.27 -1.16 0.00	48.29 -1.49 0.00	68.42 -2.05 0.00	82.50 -2.64 0.00	79.44 -2.54 0.00	67.72 -2.09 0.00	57.39 -1.84 0.00	49.94 -1.54 0.00	44.25 -1.37 0.00	42.60 -1.32 0.00

OUTOKUMPU-AB___DRP 24206	34.39 -2.47 0.00	31.51 -2.52 0.00	31.57 -2.27 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.52 -3.35 0.01	50.85 -6.03 0.00	58.69 -6.30 0.00	46.53 -4.94 0.00	38.72 -2.69 0.00	37.18 -1.92 0.00	35.07 -1.58 0.00	36.36 -2.49 0.00	36.38 -2.49 0.00	38.65 -2.78 0.00	45.45 -4.33 0.00	64.90 -5.57 0.00	77.65 -7.49 0.00	75.10 -6.89 0.00	64.37 -5.45 0.00	53.84 -5.39 0.00	47.57 -3.91 0.00	42.38 -3.24 0.00	41.06 -2.85 0.00
OXBOW___BTM 323836	34.13 -2.73 0.00	31.34 -2.69 0.00	31.33 -2.50 0.00	31.20 -2.49 0.00	32.92 -2.06 0.00	36.39 -3.47 0.01	50.39 -6.49 0.00	58.11 -6.89 0.00	46.94 -4.53 0.00	38.39 -3.02 0.00	36.87 -2.23 0.00	34.93 -1.72 0.00	36.08 -2.76 0.00	36.07 -2.80 0.00	38.20 -3.23 0.00	45.05 -4.73 0.00	64.19 -6.27 0.00	76.71 -8.43 0.00	74.03 -7.95 0.00	63.60 -6.21 0.00	53.90 -5.33 0.00	47.16 -4.32 0.00	41.92 -3.69 0.00	40.97 -2.94 0.00
OXBOW___ 24026	34.13 -2.73 0.00	31.31 -2.72 0.00	31.33 -2.50 0.00	31.20 -2.49 0.00	32.92 -2.06 0.00	36.23 -3.63 0.01	50.40 -6.48 0.00	58.11 -6.89 0.00	46.11 -5.35 0.00	38.39 -3.02 0.00	36.87 -2.23 0.00	34.74 -1.91 0.00	36.04 -2.80 0.00	36.03 -2.84 0.00	38.28 -3.15 0.00	45.05 -4.73 0.00	64.19 -6.27 0.00	76.71 -8.43 0.00	74.19 -7.79 0.00	63.60 -6.21 0.00	53.19 -6.04 0.00	47.06 -4.43 0.00	41.92 -3.70 0.00	40.66 -3.25 0.00
OXY_CHEM_DSASP 323612	33.83 -3.02 0.00	31.04 -2.99 0.00	31.03 -2.81 0.00	30.89 -2.80 0.00	32.60 -2.38 0.00	35.91 -3.95 0.02	49.88 -7.00 0.00	57.39 -7.60 0.00	45.55 -5.92 0.00	37.97 -3.44 0.00	36.48 -2.62 0.00	34.38 -2.27 0.00	35.62 -3.22 0.00	35.60 -3.26 0.00	37.82 -3.60 0.00	44.50 -5.28 0.00	63.27 -7.19 0.00	75.43 -9.71 0.00	72.88 -9.10 0.00	62.62 -7.19 0.00	52.42 -6.81 0.00	46.39 -5.10 0.00	41.28 -4.33 0.00	40.14 -3.78 0.00
OZONE_PARK_ESR 323760	39.74 2.87 -0.01	36.52 2.48 -0.01	36.15 2.30 -0.01	35.99 2.29 -0.01	37.33 2.34 -0.01	42.67 2.79 -0.01	60.93 4.04 -0.01	69.69 4.68 -0.01	55.24 3.76 -0.01	50.46 3.23 -5.82	43.11 3.13 -0.89	44.62 3.12 -4.86	44.46 3.15 -2.47	44.36 3.15 -2.35	46.37 3.40 -1.54	53.41 3.63 0.00	75.39 4.93 0.00	91.27 6.13 0.00	87.64 5.66 0.00	74.42 4.61 0.00	63.08 3.85 0.00	54.94 3.45 0.00	48.50 2.87 -0.01	46.46 2.55 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.83 -3.02 0.00	31.04 -2.99 0.00	31.03 -2.81 0.00	30.89 -2.80 0.00	32.60 -2.38 0.00	35.91 -3.95 0.02	49.88 -7.00 0.00	57.39 -7.60 0.00	45.55 -5.92 0.00	37.97 -3.44 0.00	36.48 -2.62 0.00	34.38 -2.27 0.00	35.62 -3.22 0.00	35.60 -3.26 0.00	37.82 -3.60 0.00	44.50 -5.28 0.00	63.27 -7.19 0.00	75.43 -9.71 0.00	72.88 -9.10 0.00	62.62 -7.19 0.00	52.42 -6.81 0.00	46.39 -5.10 0.00	41.28 -4.33 0.00	40.14 -3.78 0.00
PACKARD___115KV_DUPONT_184 80571	33.83 -3.02 0.00	31.07 -2.96 0.00	31.03 -2.81 0.00	30.89 -2.80 0.00	32.60 -2.38 0.00	36.07 -3.79 0.02	49.88 -7.00 0.00	57.39 -7.60 0.00	46.37 -5.10 0.00	37.97 -3.44 0.00	36.48 -2.62 0.00	34.52 -2.13 0.00	35.66 -3.18 0.00	35.64 -3.23 0.00	37.74 -3.69 0.00	44.50 -5.28 0.00	63.27 -7.19 0.00	75.43 -9.71 0.00	72.80 -9.18 0.00	62.62 -7.19 0.00	53.13 -6.10 0.00	46.49 -4.99 0.00	41.33 -4.29 0.00	40.44 -3.47 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.36 3.47 -0.01	68.65 3.64 -0.02	54.52 3.04 -0.02	44.16 2.48 -0.27	41.57 2.42 -0.05	39.29 2.42 -0.23	41.41 2.45 -0.12	41.43 2.45 -0.11	44.16 2.65 -0.08	52.77 2.99 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.47 2.55 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.81 2.95 -0.01	36.80 2.76 -0.01	36.49 2.64 -0.01	36.36 2.66 -0.01	37.72 2.73 -0.01	42.91 3.03 -0.01	61.04 4.15 -0.01	69.50 4.48 -0.02	55.09 3.60 -0.02	44.62 2.94 -0.27	42.00 2.85 -0.05	39.70 2.82 -0.23	41.80 2.84 -0.12	41.86 2.88 -0.11	44.57 3.07 -0.08	53.31 3.53 0.00	75.11 4.65 0.00	90.93 5.79 0.00	87.31 5.33 0.00	74.07 4.26 0.00	62.84 3.61 0.00	54.99 3.50 0.00	48.82 3.19 -0.01	46.99 3.07 -0.01
PATROON___115KV_TB1 80586	37.89 1.03 0.00	35.05 1.02 0.00	34.82 0.98 0.00	34.63 0.94 0.00	35.86 0.87 0.00	40.87 1.00 0.00	58.19 1.31 0.00	66.49 1.49 0.00	52.34 0.87 0.00	41.95 0.54 0.00	39.41 0.31 0.00	37.12 0.48 0.00	39.23 0.39 0.00	39.26 0.39 0.00	41.88 0.46 0.00	50.53 0.75 0.00	71.73 1.27 0.00	86.50 1.36 0.00	83.29 1.31 0.00	70.72 0.91 0.00	60.18 0.95 0.00	52.05 0.57 0.00	46.03 0.41 0.00	44.48 0.57 0.00
PATTRSNVILLE___SOLAR 323815	37.89 1.03 0.00	35.02 0.99 0.00	34.82 0.98 0.00	34.63 0.94 0.00	35.93 0.94 0.00	41.07 1.20 0.00	58.59 1.70 0.00	66.69 1.69 0.00	51.93 0.46 0.00	41.49 0.08 0.00	39.02 -0.08 0.00	36.65 0.00 0.00	38.76 -0.08 0.00	38.83 -0.04 0.00	41.55 0.12 0.00	50.38 0.60 0.00	72.15 1.69 0.00	87.27 2.13 0.00	84.20 2.21 0.00	71.63 1.81 0.00	60.77 1.54 0.00	52.67 1.19 0.00	46.58 0.96 0.00	44.92 1.01 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.13 -2.73 0.00	31.31 -2.72 0.00	31.40 -2.44 0.00	31.26 -2.43 0.00	32.99 -1.99 0.00	36.48 -3.39 0.00	51.14 -5.74 0.00	59.15 -5.85 0.00	46.78 -4.68 0.00	38.84 -2.57 0.00	37.26 -1.84 0.00	35.15 -1.50 0.00	36.47 -2.37 0.00	36.50 -2.37 0.00	38.74 -2.69 0.00	45.55 -4.23 0.00	65.18 -5.28 0.00	78.33 -6.81 0.00	75.75 -6.23 0.00	64.86 -4.96 0.00	54.31 -4.92 0.00	47.88 -3.60 0.00	42.65 -2.97 0.00	41.06 -2.85 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.18 2.32 0.00	36.07 2.04 0.00	35.67 1.83 0.00	35.54 1.85 0.00	36.91 1.92 0.00	42.23 2.35 0.00	60.29 3.41 0.00	68.77 3.77 0.00	54.55 3.09 0.00	43.89 2.48 0.00	41.44 2.35 0.00	38.99 2.35 0.00	41.21 2.37 0.00	41.28 2.41 0.00	44.00 2.57 0.00	52.72 2.94 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.82 4.84 0.00	73.65 3.84 0.00	62.43 3.20 0.00	54.42 2.93 0.00	48.04 2.42 0.00	45.98 2.06 0.00
PEEKSKILL___ 23653	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.91 2.03 0.00	59.89 3.01 0.00	68.38 3.38 0.00	54.14 2.67 0.00	43.83 2.28 -0.15	41.31 2.19 -0.02	38.93 2.16 -0.12	41.12 2.21 -0.06	41.14 2.21 -0.06	43.87 2.40 -0.04	52.32 2.54 0.00	74.05 3.59 0.00	89.56 4.42 0.00	86.00 4.02 0.00	72.96 3.14 0.00	61.83 2.60 0.00	53.91 2.42 0.00	47.62 2.00 0.00	45.58 1.67 0.00
PGE MADISON___WINDPWR 24146	37.67 0.81 0.00	34.95 0.92 0.00	34.92 1.08 0.00	34.77 1.08 0.00	36.38 1.40 0.00	41.83 1.95 0.00	59.67 2.79 0.00	68.25 3.25 0.00	53.83 2.37 0.00	42.94 1.53 0.00	40.78 1.68 0.00	38.22 1.58 0.00	40.36 1.51 0.00	40.31 1.44 0.00	42.80 1.37 0.00	52.32 2.54 0.00	75.39 4.93 0.00	91.52 6.39 0.00	88.46 6.48 0.00	75.75 5.93 0.00	63.85 4.62 0.00	55.56 4.07 0.00	48.99 3.38 0.00	46.90 2.99 0.00

PIERCEFIELD___HYD 23852	37.04 0.18 0.00	34.24 0.20 0.00	34.08 0.24 0.00	33.96 0.27 0.00	35.26 0.28 0.00	40.43 0.56 0.00	57.90 1.02 0.00	66.04 1.04 0.00	52.24 0.77 0.00	41.90 0.50 0.00	39.64 0.55 0.00	36.80 0.15 0.00	39.38 0.54 0.00	39.34 0.47 0.00	41.88 0.46 0.00	50.48 0.70 0.00	70.96 0.49 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.33 0.00	60.65 1.42 0.00	53.03 1.54 0.00	47.31 1.69 0.00	45.40 1.49 0.00
PINELAWN_CC_1 323563	39.40 2.54 0.00	36.18 2.15 0.00	35.63 1.79 0.00	35.41 1.72 0.00	36.73 1.75 0.00	41.63 1.75 0.00	59.44 2.56 0.00	67.20 2.21 0.01	47.19 1.54 5.82	40.37 3.11 4.14	42.14 3.28 0.24	40.07 3.26 -0.16	42.08 3.30 0.06	42.31 3.34 -0.10	45.22 3.73 -0.06	52.22 2.44 0.00	74.41 3.94 0.00	89.65 4.51 0.00	86.57 4.59 0.00	74.56 4.75 0.00	62.72 3.49 0.00	54.47 2.99 0.00	47.49 1.87 0.00	45.45 1.54 0.00
PJM_GEN_HTTP_PROXY 323702	39.40 2.54 0.00	36.25 2.21 0.00	35.87 2.03 0.00	35.72 2.02 0.00	37.05 2.06 0.00	42.31 2.43 0.00	60.47 3.59 0.00	69.11 4.10 -0.01	54.72 3.24 -0.01	48.67 2.82 -4.45	42.51 2.74 -0.68	43.07 2.71 -3.71	43.49 2.76 -1.89	43.42 2.76 -1.79	45.63 3.02 -1.18	52.92 3.14 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.82 4.84 0.00	73.65 3.84 0.00	62.64 3.20 -0.22	54.15 2.88 0.22	48.04 2.42 0.00	45.98 2.06 0.00
PJM_GEN_KEystone 24065	36.56 -0.30 0.00	33.66 -0.37 0.00	33.43 -0.40 0.00	33.32 -0.37 0.00	34.81 -0.17 0.00	39.32 -0.56 0.00	55.68 -1.20 0.00	63.83 -1.17 0.00	50.70 -0.77 0.00	41.61 -0.21 -0.41	39.28 0.12 -0.06	37.32 0.33 -0.34	38.90 -0.12 -0.18	38.88 -0.15 -0.17	41.29 -0.25 -0.11	48.73 -1.05 0.00	69.20 -1.27 0.00	83.52 -1.62 0.00	80.42 -1.56 0.00	68.56 -1.25 0.00	58.32 -1.13 -0.22	50.45 -0.83 0.22	44.98 -0.64 0.00	43.30 -0.61 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.07 2.21 0.00	35.90 1.87 0.00	35.40 1.56 0.00	35.21 1.52 0.00	36.49 1.50 0.00	41.39 1.51 0.00	59.10 2.22 0.00	66.94 1.95 0.01	46.11 1.54 6.90	39.46 3.02 4.97	42.24 3.21 0.06	40.01 3.15 -0.21	42.13 3.19 -0.10	42.15 3.19 -0.10	44.97 3.48 -0.06	51.92 2.14 0.00	73.91 3.45 0.01	88.97 3.83 0.00	85.76 3.77 0.00	73.93 4.12 0.01	62.52 3.08 -0.21	53.84 2.57 0.22	47.17 1.55 0.00	45.14 1.23 0.00
PJM_GEN_VFT_PROXY 323633	39.37 2.51 -0.01	36.22 2.18 -0.01	35.81 1.96 -0.01	35.65 1.95 -0.01	36.98 1.99 -0.01	42.23 2.35 -0.01	60.36 3.47 -0.01	69.04 4.03 -0.01	54.72 3.24 -0.01	50.22 2.94 -5.87	42.81 2.82 -0.90	44.37 2.82 -4.90	44.17 2.83 -2.49	44.11 2.88 -2.37	46.09 3.11 -1.56	52.77 2.99 0.00	74.48 4.01 0.00	90.25 5.11 0.00	86.57 4.59 0.00	73.44 3.63 0.00	59.93 3.02 2.32	52.80 2.73 1.42	46.60 2.28 1.30	45.84 1.93 0.00
PLATSBRG_115KV_PMLD1 355749	35.93 -0.92 0.00	33.11 -0.92 0.00	32.92 -0.91 0.00	32.85 -0.84 0.00	34.14 -0.84 0.00	39.12 -0.76 0.00	56.14 -0.74 0.00	64.02 -0.97 0.00	50.69 -0.77 0.00	40.75 -0.66 0.00	38.55 -0.55 0.00	35.81 -0.84 0.00	38.34 -0.50 0.00	38.40 -0.47 0.00	41.01 -0.41 0.00	49.23 -0.55 0.00	69.19 -1.27 0.00	84.12 -1.02 0.00	81.33 -0.66 0.00	69.33 -0.49 0.00	59.17 -0.06 0.00	51.59 0.10 0.00	46.35 0.73 0.00	44.57 0.66 0.00
PLEASANTVLY___LBMP 24000	38.77 1.92 0.00	35.70 1.67 0.00	35.36 1.52 0.00	35.21 1.52 0.00	36.52 1.54 0.00	41.75 1.87 0.00	59.50 2.62 0.00	67.99 2.99 0.00	53.83 2.37 0.00	43.40 1.99 0.00	40.97 1.88 0.00	38.59 1.94 0.00	40.74 1.90 0.00	40.81 1.94 0.00	43.54 2.11 0.00	52.02 2.24 0.00	73.56 3.10 0.00	88.97 3.83 0.00	85.43 3.44 0.00	72.47 2.65 0.00	61.48 2.25 0.00	53.55 2.06 0.00	47.35 1.73 0.00	45.40 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.14 2.29 0.00	36.01 1.97 0.00	35.63 1.79 0.00	35.51 1.82 0.00	36.80 1.82 0.00	42.11 2.23 0.00	60.01 3.13 0.00	68.57 3.57 0.00	54.35 2.88 0.00	43.55 2.44 0.30	41.40 2.35 0.05	38.75 2.35 0.25	41.08 2.37 0.13	41.12 2.37 0.12	43.92 2.57 0.08	52.57 2.79 0.00	74.34 3.88 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.07 2.84 0.00	54.11 2.63 0.00	47.76 2.14 0.00	45.80 1.89 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.14 2.29 0.00	36.01 1.97 0.00	35.63 1.79 0.00	35.51 1.82 0.00	36.80 1.82 0.00	42.11 2.23 0.00	60.01 3.13 0.00	68.57 3.57 0.00	54.35 2.88 0.00	43.55 2.44 0.30	41.40 2.35 0.05	38.75 2.35 0.25	41.08 2.37 0.13	41.12 2.37 0.12	43.92 2.57 0.08	52.57 2.79 0.00	74.34 3.88 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.07 2.84 0.00	54.11 2.63 0.00	47.76 2.14 0.00	45.80 1.89 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.92 2.06 0.00	35.84 1.80 0.00	35.50 1.66 0.00	35.34 1.65 0.00	36.70 1.71 0.00	41.95 2.07 0.00	59.90 3.01 0.00	68.31 3.31 0.00	54.04 2.57 0.00	43.48 2.07 0.00	41.05 1.95 0.00	38.63 1.98 0.00	40.82 1.98 0.00	40.85 1.98 0.00	43.58 2.15 0.00	52.22 2.44 0.00	73.99 3.52 0.00	89.65 4.51 0.00	86.00 4.02 0.00	72.96 3.14 0.00	61.84 2.61 0.00	53.96 2.47 0.00	47.67 2.05 0.00	45.67 1.76 0.00
POLETTI____ 23519	39.41 2.54 -0.01	36.42 2.38 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.44 2.55 -0.01	60.30 3.41 -0.01	68.72 3.70 -0.02	54.78 3.29 -0.02	51.38 2.73 -7.24	42.85 2.66 -1.10	45.34 2.64 -6.05	43.99 2.68 -2.47	44.46 2.68 -2.91	46.24 2.90 -1.91	52.92 3.14 0.00	74.27 3.80 0.00	89.91 4.77 0.00	86.33 4.35 0.00	73.24 3.42 0.00	62.13 2.90 0.00	54.37 2.88 0.00	48.27 2.65 -0.01	46.42 2.50 -0.01
POMONA___ESR 323819	39.03 2.17 0.00	35.94 1.90 0.00	35.56 1.72 0.00	35.41 1.72 0.00	36.73 1.75 0.00	41.95 2.07 0.00	59.95 3.07 0.00	68.44 3.44 0.00	54.14 2.67 0.00	43.68 2.28 0.00	41.28 2.19 0.00	38.85 2.20 0.00	41.05 2.21 0.00	41.08 2.21 0.00	43.87 2.44 0.00	52.37 2.59 0.00	74.12 3.66 0.00	89.73 4.59 0.00	86.08 4.10 0.00	73.10 3.28 0.00	61.90 2.67 0.00	53.96 2.47 0.00	47.72 2.10 0.00	45.67 1.76 0.00
PORT_JEFF_3 23555	39.22 2.36 0.00	36.07 2.04 0.00	35.50 1.66 0.00	35.27 1.58 0.00	36.56 1.58 0.00	41.43 1.55 0.00	58.92 2.04 0.00	66.29 1.30 0.01	45.51 0.98 6.93	35.74 2.61 8.28	37.83 2.82 4.09	38.48 2.78 0.95	37.97 2.83 3.71	41.80 2.88 -0.06	44.76 3.27 -0.06	51.52 1.74 0.00	73.28 2.82 0.00	88.46 3.32 0.00	85.43 3.44 0.00	73.58 3.77 0.00	61.83 2.60 0.00	53.70 2.21 0.00	46.80 1.18 0.00	44.83 0.92 0.00
PORT_JEFF_4 23616	39.22 2.36 0.00	36.07 2.04 0.00	35.50 1.66 0.00	35.27 1.58 0.00	36.56 1.58 0.00	41.43 1.55 0.00	58.92 2.04 0.00	66.29 1.30 0.01	45.51 0.98 6.93	35.74 2.61 8.28	37.83 2.82 4.09	38.48 2.78 0.95	37.97 2.83 3.71	41.80 2.88 -0.06	44.76 3.27 -0.06	51.52 1.74 0.00	73.28 2.82 0.00	88.46 3.32 0.00	85.43 3.44 0.00	73.58 3.77 0.00	61.83 2.60 0.00	53.70 2.21 0.00	46.80 1.18 0.00	44.83 0.92 0.00

PORT_JEFF_IC 23713	39.21 2.36 0.00	36.11 2.08 0.00	35.50 1.66 0.00	35.27 1.58 0.00	36.70 1.71 0.00	41.75 1.87 0.00	58.98 2.10 0.00	66.30 1.30 0.00	45.40 0.98 7.05	35.57 2.61 8.45	37.61 2.81 4.30	38.42 2.79 1.02	37.76 2.84 3.91	41.80 2.88 -0.06	44.72 3.23 -0.06	51.52 1.74 0.00	73.35 2.89 0.00	88.29 3.15 0.00	85.26 3.28 0.00	73.65 3.84 0.00	61.89 2.67 0.00	53.96 2.47 0.00	46.85 1.23 0.00	45.14 1.23 0.00
PPL PILGRIM_ST_GT1 24216	39.58 2.73 0.00	36.35 2.32 0.00	35.77 1.93 0.00	35.58 1.89 0.00	36.91 1.92 0.00	41.79 1.91 0.00	59.67 2.79 0.00	67.40 2.41 0.01	45.75 1.13 6.85	39.83 3.23 4.81	42.11 3.44 0.43	40.12 3.37 -0.10	42.02 3.42 0.24	42.46 3.50 -0.09	45.38 3.89 -0.06	52.32 2.54 0.00	74.62 4.16 0.00	89.99 4.85 0.00	86.90 4.92 0.00	74.84 5.03 0.00	62.90 3.67 0.00	54.63 3.14 0.00	47.58 1.96 0.00	45.58 1.67 0.00
PPL PILGRIM_ST_GT2 24217	39.58 2.73 0.00	36.35 2.32 0.00	35.77 1.93 0.00	35.58 1.89 0.00	36.91 1.92 0.00	41.79 1.91 0.00	59.67 2.79 0.00	67.40 2.41 0.01	45.75 1.13 6.85	39.83 3.23 4.81	42.11 3.44 0.43	40.12 3.37 -0.10	42.02 3.42 0.24	42.46 3.50 -0.09	45.38 3.89 -0.06	52.32 2.54 0.00	74.62 4.16 0.00	89.99 4.85 0.00	86.90 4.92 0.00	74.84 5.03 0.00	62.90 3.67 0.00	54.63 3.14 0.00	47.58 1.96 0.00	45.58 1.67 0.00
PPL_SHRM_GT3 24213	38.88 2.03 0.00	35.94 1.90 0.00	35.29 1.45 0.00	35.07 1.38 0.00	36.24 1.26 0.00	41.23 1.36 0.00	58.30 1.42 0.00	64.80 -0.19 0.01	44.26 -0.26 6.95	34.87 1.70 8.24	36.76 1.72 4.06	37.46 1.76 0.95	37.02 1.86 3.68	40.75 1.83 -0.06	43.72 2.24 -0.06	50.33 0.55 0.00	71.73 1.27 0.00	86.67 1.53 0.00	83.78 1.80 0.00	72.11 2.30 0.00	60.59 1.36 0.00	52.61 1.13 0.00	45.80 0.18 0.00	43.87 -0.04 0.00
PPL_SHRM_GT4 24214	38.88 2.03 0.00	35.94 1.90 0.00	35.29 1.45 0.00	35.07 1.38 0.00	36.24 1.26 0.00	41.23 1.36 0.00	58.30 1.42 0.00	64.80 -0.19 0.01	44.26 -0.26 6.95	34.87 1.70 8.24	36.76 1.72 4.06	37.46 1.76 0.95	37.02 1.86 3.68	40.75 1.83 -0.06	43.72 2.24 -0.06	50.33 0.55 0.00	71.73 1.27 0.00	86.67 1.53 0.00	83.78 1.80 0.00	72.11 2.30 0.00	60.59 1.36 0.00	52.61 1.13 0.00	45.80 0.18 0.00	43.87 -0.04 0.00
PROJECT___ORANGE 1 24174	36.27 -0.59 0.00	33.49 -0.54 0.00	33.33 -0.51 0.00	33.18 -0.51 0.00	34.53 -0.45 0.00	39.24 -0.64 0.00	55.86 -1.02 0.00	63.96 -1.04 0.00	50.75 -0.72 0.00	40.91 -0.50 0.00	38.71 -0.39 0.00	36.39 -0.26 0.00	38.38 -0.47 0.00	38.40 -0.47 0.00	40.89 -0.54 0.00	48.98 -0.80 0.00	69.33 -1.13 0.00	83.69 -1.45 0.00	80.51 -1.48 0.00	68.63 -1.19 0.00	58.05 -1.18 0.00	50.61 -0.88 0.00	44.80 -0.82 0.00	43.08 -0.83 0.00
PROJECT___ORANGE 2 24166	36.27 -0.59 0.00	33.49 -0.54 0.00	33.33 -0.51 0.00	33.18 -0.51 0.00	34.53 -0.45 0.00	39.24 -0.64 0.00	55.86 -1.02 0.00	63.96 -1.04 0.00	50.75 -0.72 0.00	40.91 -0.50 0.00	38.71 -0.39 0.00	36.39 -0.26 0.00	38.38 -0.47 0.00	38.40 -0.47 0.00	40.89 -0.54 0.00	48.98 -0.80 0.00	69.33 -1.13 0.00	83.69 -1.45 0.00	80.51 -1.48 0.00	68.63 -1.19 0.00	58.05 -1.18 0.00	50.61 -0.88 0.00	44.80 -0.82 0.00	43.08 -0.83 0.00
PUCKETT___SOLAR 323809	37.12 0.26 0.00	34.27 0.24 0.00	34.14 0.30 0.00	33.99 0.30 0.00	35.44 0.45 0.00	40.36 0.48 0.00	57.45 0.57 0.00	65.78 0.78 0.00	52.09 0.62 0.00	41.82 0.41 0.00	39.60 0.51 0.00	37.20 0.55 0.00	39.19 0.35 0.00	39.22 0.35 0.00	41.72 0.29 0.00	50.18 0.40 0.00	71.59 1.12 0.00	86.59 1.45 0.00	83.46 1.48 0.00	71.21 1.40 0.00	60.30 1.07 0.00	52.42 0.93 0.00	46.39 0.77 0.00	44.57 0.66 0.00
PYRITES___HYD 24023	37.56 0.70 0.00	34.75 0.71 0.00	34.58 0.74 0.00	34.46 0.77 0.00	35.82 0.84 0.00	41.11 1.24 0.00	58.93 2.05 0.00	67.14 2.14 0.00	52.96 1.49 0.00	42.32 0.91 0.00	40.03 0.94 0.00	37.09 0.44 0.00	39.73 0.89 0.00	39.68 0.82 0.00	42.26 0.83 0.00	51.12 1.34 0.00	72.15 1.69 0.00	87.86 2.72 0.00	85.02 3.03 0.00	72.68 2.86 0.00	61.95 2.72 0.00	54.01 2.52 0.00	48.08 2.46 0.00	46.15 2.24 0.00
QUAKERRD_115KV_BK1 80622	34.87 -1.99 0.00	32.06 -1.97 0.00	32.01 -1.83 0.00	31.87 -1.82 0.00	33.37 -1.61 0.00	37.68 -2.19 0.00	53.24 -3.64 0.00	61.03 -3.96 0.00	48.48 -2.99 0.00	39.54 -1.86 0.00	37.61 -1.49 0.00	35.40 -1.25 0.00	37.17 -1.67 0.00	37.12 -1.75 0.00	39.48 -1.95 0.00	46.99 -2.79 0.00	66.66 -3.80 0.00	80.20 -4.94 0.00	77.23 -4.75 0.00	65.97 -3.84 0.00	55.38 -3.85 0.00	48.50 -2.99 0.00	43.02 -2.60 0.00	41.45 -2.46 0.00
QUENSBRY_115KV_TB8 356137	38.15 1.29 0.00	35.36 1.33 0.00	35.12 1.29 0.00	34.90 1.21 0.00	36.21 1.22 0.00	41.51 1.63 0.00	59.10 2.22 0.00	67.60 2.60 0.00	52.65 1.18 0.00	41.99 0.58 0.00	39.37 0.27 0.00	37.05 0.40 0.00	39.15 0.31 0.00	39.06 0.19 0.00	41.76 0.33 0.00	50.68 0.90 0.00	72.65 2.18 0.00	87.78 2.64 0.00	84.77 2.79 0.00	71.91 2.09 0.00	61.30 2.07 0.00	52.88 1.39 0.00	46.76 1.14 0.00	45.23 1.32 0.00
RAMAPO___LBMP 323565	38.88 2.03 0.00	35.84 1.80 0.00	35.46 1.62 0.00	35.31 1.62 0.00	36.63 1.64 0.00	41.87 1.99 0.00	59.78 2.90 0.00	68.25 3.25 0.00	53.99 2.52 0.00	43.56 2.15 0.00	41.17 2.07 0.00	38.74 2.09 0.00	40.94 2.10 0.00	40.97 2.10 0.00	43.67 2.24 0.00	52.17 2.39 0.00	73.77 3.31 0.00	89.31 4.17 0.00	85.75 3.77 0.00	72.82 3.00 0.00	61.66 2.43 0.00	53.75 2.27 0.00	47.53 1.92 0.00	45.58 1.67 0.00
RANKINE____ 23646	34.35 -2.51 0.00	31.51 -2.52 0.00	31.60 -2.23 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.64 -3.23 0.00	51.25 -5.63 0.00	59.21 -5.78 0.00	46.83 -4.63 0.00	38.96 -2.44 0.00	37.38 -1.72 0.00	35.26 -1.39 0.00	36.59 -2.25 0.00	36.61 -2.25 0.00	38.90 -2.53 0.00	45.75 -4.03 0.00	65.39 -5.07 0.00	78.41 -6.73 0.00	75.83 -6.15 0.00	65.00 -4.82 0.00	54.37 -4.86 0.00	47.99 -3.50 0.00	42.74 -2.87 0.00	41.32 -2.59 0.00
RAVENSWOOD_GT2_1 24244	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.79 2.09 -0.01	37.13 2.13 -0.01	42.44 2.55 -0.01	60.47 3.58 -0.01	69.11 4.09 -0.02	54.78 3.29 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.42 2.71 -6.06	44.68 2.76 -3.08	44.55 2.76 -2.92	46.33 2.98 -1.92	52.97 3.19 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.18 2.55 -0.01	46.15 2.24 0.00
RAVENSWOOD_GT2_2 24245	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.79 2.09 -0.01	37.13 2.13 -0.01	42.44 2.55 -0.01	60.47 3.58 -0.01	69.11 4.09 -0.02	54.78 3.29 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.42 2.71 -6.06	44.68 2.76 -3.08	44.55 2.76 -2.92	46.33 2.98 -1.92	52.97 3.19 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.18 2.55 -0.01	46.15 2.24 0.00

RAVENSWOOD_GT2_3 24246	39.48 2.62 -0.01	36.32 2.28 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.13 2.13 -0.01	42.44 2.55 -0.01	60.53 3.64 -0.01	69.17 4.16 -0.02	54.83 3.35 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.45 2.75 -6.06	44.68 2.76 -3.08	44.59 2.80 -2.92	46.37 3.02 -1.92	53.02 3.24 0.00	74.83 4.37 0.00	90.50 5.36 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.53 3.04 0.00	48.18 2.55 -0.01	46.19 2.28 0.00
RAVENSWOOD_GT2_4 24247	39.48 2.62 -0.01	36.32 2.28 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.13 2.13 -0.01	42.44 2.55 -0.01	60.53 3.64 -0.01	69.17 4.16 -0.02	54.83 3.35 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.45 2.75 -6.06	44.68 2.76 -3.08	44.59 2.80 -2.92	46.37 3.02 -1.92	53.02 3.24 0.00	74.83 4.37 0.00	90.50 5.36 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.53 3.04 0.00	48.18 2.55 -0.01	46.19 2.28 0.00
RAVENSWOOD_GT3_1 24248	39.48 2.62 -0.01	36.32 2.28 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.13 2.13 -0.01	42.44 2.55 -0.01	60.53 3.64 -0.01	69.11 4.09 -0.02	54.78 3.29 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.42 2.71 -6.06	44.68 2.76 -3.08	44.55 2.76 -2.92	46.33 2.98 -1.92	52.97 3.19 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.18 2.55 -0.01	46.15 2.24 0.00
RAVENSWOOD_GT3_2 24249	39.48 2.62 -0.01	36.32 2.28 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.13 2.13 -0.01	42.44 2.55 -0.01	60.53 3.64 -0.01	69.11 4.09 -0.02	54.78 3.29 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.42 2.71 -6.06	44.68 2.76 -3.08	44.55 2.76 -2.92	46.33 2.98 -1.92	52.97 3.19 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.18 2.55 -0.01	46.15 2.24 0.00
RAVENSWOOD_GT3_3 24250	39.52 2.65 -0.01	36.35 2.31 -0.01	35.98 2.13 -0.01	35.82 2.12 -0.01	37.16 2.17 -0.01	42.47 2.59 -0.01	60.59 3.70 -0.01	69.24 4.22 -0.02	54.88 3.40 -0.02	51.52 2.86 -7.25	42.98 2.78 -1.11	45.49 2.79 -6.06	44.72 2.80 -3.08	44.63 2.84 -2.92	46.41 3.07 -1.92	53.06 3.29 0.00	74.90 4.44 0.00	90.59 5.45 0.00	86.98 5.00 0.00	73.79 3.98 0.00	62.55 3.32 0.00	54.58 3.09 0.00	48.23 2.60 -0.01	46.19 2.28 0.00
RAVENSWOOD_GT3_4 24251	39.52 2.65 -0.01	36.35 2.31 -0.01	35.98 2.13 -0.01	35.82 2.12 -0.01	37.16 2.17 -0.01	42.47 2.59 -0.01	60.59 3.70 -0.01	69.24 4.22 -0.02	54.88 3.40 -0.02	51.52 2.86 -7.25	42.98 2.78 -1.11	45.49 2.79 -6.06	44.72 2.80 -3.08	44.63 2.84 -2.92	46.41 3.07 -1.92	53.06 3.29 0.00	74.90 4.44 0.00	90.59 5.45 0.00	86.98 5.00 0.00	73.79 3.98 0.00	62.55 3.32 0.00	54.58 3.09 0.00	48.23 2.60 -0.01	46.19 2.28 0.00
RAVENSWOOD_GT_1 23729	39.59 2.73 -0.01	36.49 2.45 -0.01	36.11 2.27 -0.01	35.96 2.26 -0.01	37.30 2.31 -0.01	42.60 2.71 -0.01	60.53 3.64 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	51.61 2.73 -7.47	42.89 2.66 -1.14	45.56 2.68 -6.23	44.63 2.68 -3.11	44.54 2.72 -2.95	46.30 2.90 -1.98	53.06 3.29 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.82 4.84 0.00	73.65 3.84 0.00	62.49 3.26 0.00	54.63 3.14 0.00	48.41 2.78 -0.01	46.42 2.50 -0.01
RAVENSWOOD_GT_10 24258	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.79 2.09 -0.01	37.13 2.13 -0.01	42.44 2.55 -0.01	60.53 3.64 -0.01	69.17 4.16 -0.02	54.78 3.29 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.45 2.75 -6.06	44.68 2.76 -3.08	44.55 2.76 -2.92	46.33 2.98 -1.92	52.97 3.19 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.18 2.55 -0.01	46.15 2.24 0.00
RAVENSWOOD_GT_11 24259	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.79 2.09 -0.01	37.13 2.13 -0.01	42.44 2.55 -0.01	60.53 3.64 -0.01	69.17 4.16 -0.02	54.78 3.29 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.45 2.75 -6.06	44.68 2.76 -3.08	44.55 2.76 -2.92	46.33 2.98 -1.92	52.97 3.19 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.18 2.55 -0.01	46.15 2.24 0.00
RAVENSWOOD_GT_4 24252	39.52 2.65 -0.01	36.35 2.31 -0.01	35.98 2.13 -0.01	35.82 2.12 -0.01	37.16 2.17 -0.01	42.47 2.59 -0.01	60.47 3.58 -0.01	69.11 4.09 -0.02	54.78 3.29 -0.02	51.21 2.77 -7.03	42.87 2.70 -1.07	45.19 2.68 -5.87	44.61 2.72 -3.05	44.48 2.72 -2.89	46.23 2.94 -1.86	53.02 3.24 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.82 4.84 0.00	73.65 3.84 0.00	62.49 3.26 0.00	54.53 3.04 0.00	48.22 2.60 -0.01	46.25 2.33 -0.01
RAVENSWOOD_GT_5 24254	39.52 2.65 -0.01	36.35 2.31 -0.01	35.98 2.13 -0.01	35.82 2.12 -0.01	37.16 2.17 -0.01	42.47 2.59 -0.01	60.47 3.58 -0.01	69.11 4.09 -0.02	54.78 3.29 -0.02	51.21 2.77 -7.03	42.87 2.70 -1.07	45.19 2.68 -5.87	44.61 2.72 -3.05	44.48 2.72 -2.89	46.23 2.94 -1.86	53.02 3.24 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.82 4.84 0.00	73.65 3.84 0.00	62.49 3.26 0.00	54.53 3.04 0.00	48.22 2.60 -0.01	46.25 2.33 -0.01
RAVENSWOOD_GT_6 24253	39.52 2.65 -0.01	36.35 2.31 -0.01	35.98 2.13 -0.01	35.82 2.12 -0.01	37.16 2.17 -0.01	42.47 2.59 -0.01	60.47 3.58 -0.01	69.11 4.09 -0.02	54.78 3.29 -0.02	51.21 2.77 -7.03	42.87 2.70 -1.07	45.19 2.68 -5.87	44.61 2.72 -3.05	44.48 2.72 -2.89	46.23 2.94 -1.86	53.02 3.24 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.82 4.84 0.00	73.65 3.84 0.00	62.49 3.26 0.00	54.53 3.04 0.00	48.22 2.60 -0.01	46.25 2.33 -0.01
RAVENSWOOD_GT_7 24255	39.52 2.65 -0.01	36.35 2.31 -0.01	35.98 2.13 -0.01	35.82 2.12 -0.01	37.16 2.17 -0.01	42.47 2.59 -0.01	60.47 3.58 -0.01	69.11 4.09 -0.02	54.78 3.29 -0.02	51.21 2.77 -7.03	42.87 2.70 -1.07	45.19 2.68 -5.87	44.61 2.72 -3.05	44.48 2.72 -2.89	46.23 2.94 -1.86	53.02 3.24 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.82 4.84 0.00	73.65 3.84 0.00	62.49 3.26 0.00	54.53 3.04 0.00	48.22 2.60 -0.01	46.25 2.33 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.79 2.09 -0.01	37.13 2.13 -0.01	42.44 2.55 -0.01	60.53 3.64 -0.01	69.17 4.16 -0.02	54.78 3.29 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.45 2.75 -6.06	44.68 2.76 -3.08	44.55 2.76 -2.92	46.33 2.98 -1.92	52.97 3.19 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.18 2.55 -0.01	46.15 2.24 0.00
RAVENSWOOD_GT_9 24257	39.48 2.62 -0.01	36.32 2.28 -0.01	35.91 2.06 -0.01	35.79 2.09 -0.01	37.13 2.13 -0.01	42.44 2.55 -0.01	60.53 3.64 -0.01	69.17 4.16 -0.02	54.78 3.29 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.45 2.75 -6.06	44.68 2.76 -3.08	44.55 2.76 -2.92	46.33 2.98 -1.92	52.97 3.19 0.00	74.76 4.30 0.00	90.50 5.36 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.18 2.55 -0.01	46.15 2.24 0.00

RAVENSWOOD___1 23533	39.59 2.73 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.96 2.26 -0.01	37.26 2.27 -0.01	42.51 2.63 -0.01	60.53 3.64 -0.01	69.11 4.10 -0.02	54.78 3.30 -0.02	51.39 2.73 -7.25	42.82 2.62 -1.11	45.34 2.64 -6.06	44.56 2.64 -3.08	44.47 2.68 -2.92	46.25 2.90 -1.92	53.06 3.28 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.82 4.84 0.00	73.65 3.84 0.00	62.43 3.20 0.00	54.58 3.09 0.00	48.36 2.74 -0.01	46.33 2.41 -0.01
RAVENSWOOD___2 23534	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.92 2.22 -0.01	37.26 2.27 -0.01	42.51 2.63 -0.01	60.53 3.64 -0.01	69.05 4.03 -0.02	54.78 3.30 -0.02	51.35 2.69 -7.25	42.82 2.62 -1.11	45.31 2.60 -6.06	44.56 2.64 -3.08	44.44 2.64 -2.92	46.25 2.90 -1.92	53.06 3.28 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.82 4.84 0.00	73.58 3.77 0.00	62.43 3.20 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.29 2.37 -0.01
RAVENSWOOD___3 23535	39.48 2.62 -0.01	36.32 2.28 -0.01	35.94 2.10 -0.01	35.79 2.09 -0.01	37.09 2.10 -0.01	42.36 2.47 -0.01	60.53 3.64 -0.01	69.18 4.16 -0.02	54.78 3.30 -0.02	51.48 2.82 -7.25	42.94 2.74 -1.11	45.42 2.71 -6.06	44.68 2.76 -3.08	44.55 2.76 -2.92	46.37 3.02 -1.92	52.97 3.19 0.00	74.76 4.30 0.00	90.51 5.37 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.18 2.55 -0.01	46.06 2.15 0.00
RAVENSWOOD___4 23820	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.92 2.22 -0.01	37.26 2.27 -0.01	42.47 2.59 -0.01	60.47 3.59 -0.01	69.05 4.03 -0.02	54.78 3.30 -0.02	51.15 2.69 -7.06	42.79 2.62 -1.08	45.14 2.60 -5.89	44.54 2.64 -3.05	44.41 2.64 -2.90	46.20 2.90 -1.87	53.01 3.23 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.82 4.84 0.00	73.58 3.77 0.00	62.43 3.20 0.00	54.53 3.04 0.00	48.36 2.74 -0.01	46.29 2.37 -0.01
RCPL_TRUST___DRP 24196	39.48 2.62 0.00	36.28 2.25 0.00	35.91 2.06 0.00	35.75 2.06 0.00	37.09 2.10 0.00	42.43 2.55 0.00	60.53 3.64 0.00	69.23 4.22 -0.01	54.82 3.35 -0.01	48.79 2.94 -4.45	42.59 2.81 -0.68	43.18 2.82 -3.71	43.56 2.84 -1.89	43.54 2.88 -1.79	45.71 3.11 -1.18	53.02 3.24 0.00	74.83 4.37 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.79 3.98 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.13 2.51 0.00	46.11 2.20 0.00
RED___ROCHESTER 323720	35.75 -1.10 0.00	32.87 -1.16 0.00	32.79 -1.05 0.00	32.65 -1.04 0.00	34.25 -0.74 0.00	38.64 -1.24 0.00	54.38 -2.50 0.00	62.40 -2.60 0.00	50.08 -1.39 0.00	40.58 -0.83 0.00	38.71 -0.39 0.00	36.54 -0.11 0.00	38.22 -0.62 0.00	38.13 -0.74 0.00	40.43 -0.99 0.00	48.09 -1.69 0.00	68.35 -2.11 0.00	82.08 -3.06 0.00	79.03 -2.95 0.00	67.65 -2.16 0.00	57.10 -2.13 0.00	49.79 -1.70 0.00	44.16 -1.46 0.00	42.73 -1.18 0.00
REGAN___SOLAR 323812	38.26 1.40 0.00	35.43 1.40 0.00	35.19 1.35 0.00	35.00 1.31 0.00	36.35 1.36 0.00	41.63 1.75 0.00	59.50 2.62 0.00	67.53 2.53 0.00	51.78 0.31 0.00	40.91 -0.50 0.00	38.31 -0.78 0.00	35.92 -0.73 0.00	38.02 -0.82 0.00	38.25 -0.62 0.00	41.18 -0.25 0.00	50.57 0.79 0.00	73.21 2.75 0.00	88.80 3.66 0.00	85.84 3.85 0.00	72.88 3.07 0.00	61.83 2.60 0.00	53.49 2.01 0.00	47.31 1.69 0.00	45.58 1.67 0.00
RENSSELAER___COGEN 23796	37.74 0.88 0.00	34.88 0.85 0.00	34.65 0.81 0.00	34.50 0.81 0.00	35.72 0.74 0.00	40.67 0.80 0.00	57.91 1.02 0.00	66.17 1.17 0.00	51.98 0.51 0.00	41.78 0.37 0.00	39.21 0.12 0.00	36.94 0.29 0.00	39.08 0.23 0.00	39.10 0.23 0.00	41.72 0.29 0.00	50.28 0.50 0.00	71.31 0.85 0.00	85.99 0.85 0.00	82.80 0.82 0.00	70.37 0.56 0.00	59.76 0.53 0.00	51.80 0.31 0.00	45.80 0.18 0.00	44.26 0.35 0.00
REPUBLIC_115KV_BARTNBK 55605	39.51 2.65 0.00	36.72 2.69 0.00	36.44 2.61 0.00	36.22 2.53 0.00	37.57 2.59 0.00	43.22 3.35 0.00	61.60 4.72 0.00	70.46 5.46 0.00	54.25 2.78 0.00	43.19 1.78 0.00	40.43 1.33 0.00	37.97 1.32 0.00	40.08 1.24 0.00	40.00 1.13 0.00	42.84 1.41 0.00	52.22 2.44 0.00	75.61 5.14 0.00	91.61 6.47 0.00	88.79 6.80 0.00	75.19 5.38 0.00	64.09 4.86 0.00	55.14 3.66 0.00	48.58 2.97 0.00	47.03 3.12 0.00
REVERE_CPPR_DRP 24186	37.63 0.77 0.00	34.85 0.82 0.00	34.72 0.88 0.00	34.53 0.84 0.00	35.96 0.98 0.00	41.11 1.24 0.00	58.64 1.76 0.00	67.01 2.01 0.00	52.96 1.49 0.00	42.40 0.99 0.00	40.15 1.06 0.00	37.64 0.99 0.00	39.81 0.97 0.00	39.76 0.89 0.00	42.26 0.83 0.00	51.32 1.54 0.00	73.07 2.61 0.00	88.20 3.07 0.00	85.02 3.03 0.00	72.61 2.79 0.00	61.36 2.13 0.00	53.50 2.01 0.00	47.21 1.60 0.00	45.36 1.45 0.00
REYNLDPA_13_KV_LD 356490	36.86 0.00 0.00	34.03 0.00 0.00	33.84 0.00 0.00	33.76 0.07 0.00	35.05 0.07 0.00	40.08 0.20 0.00	57.39 0.51 0.00	65.46 0.46 0.00	51.83 0.36 0.00	41.74 0.33 0.00	39.45 0.35 0.00	36.69 0.04 0.00	39.23 0.39 0.00	39.26 0.39 0.00	41.84 0.41 0.00	50.38 0.60 0.00	71.02 0.56 0.00	86.16 1.03 0.00	83.13 1.15 0.00	70.79 0.98 0.00	60.24 1.01 0.00	52.42 0.93 0.00	46.58 0.96 0.00	44.79 0.88 0.00
REYNOLDS_115KV_TB3 80639	37.92 1.07 0.00	35.05 1.02 0.00	34.79 0.95 0.00	34.63 0.94 0.00	35.86 0.87 0.00	40.87 1.00 0.00	58.19 1.31 0.00	66.49 1.49 0.00	52.39 0.93 0.00	41.90 0.50 0.00	39.29 0.20 0.00	37.09 0.44 0.00	39.19 0.35 0.00	39.22 0.35 0.00	41.84 0.41 0.00	50.48 0.70 0.00	71.59 1.13 0.00	86.25 1.11 0.00	83.05 1.07 0.00	70.58 0.77 0.00	60.06 0.83 0.00	51.90 0.41 0.00	45.94 0.32 0.00	44.48 0.57 0.00
RIVERBAY____ 323610	39.81 2.95 -0.01	36.80 2.76 -0.01	36.49 2.64 -0.01	36.36 2.66 -0.01	37.72 2.73 -0.01	42.91 3.03 -0.01	61.04 4.15 -0.01	69.50 4.48 -0.02	55.09 3.60 -0.02	44.62 2.94 -0.27	42.00 2.85 -0.05	39.70 2.82 -0.23	41.80 2.84 -0.12	41.86 2.88 -0.11	44.57 3.07 -0.08	53.31 3.53 0.00	75.11 4.65 0.00	90.93 5.79 0.00	87.31 5.33 0.00	74.07 4.26 0.00	62.84 3.61 0.00	54.99 3.50 0.00	48.82 3.19 -0.01	46.99 3.07 -0.01
RIVERSDE_115KV_TB3 55908	37.85 1.00 0.00	35.02 0.99 0.00	34.75 0.91 0.00	34.60 0.91 0.00	35.82 0.84 0.00	40.79 0.92 0.00	58.13 1.25 0.00	66.36 1.36 0.00	52.29 0.82 0.00	41.86 0.46 0.00	39.29 0.20 0.00	37.05 0.40 0.00	39.15 0.31 0.00	39.18 0.31 0.00	41.80 0.37 0.00	50.43 0.65 0.00	71.52 1.06 0.00	86.25 1.11 0.00	83.05 1.07 0.00	70.58 0.77 0.00	60.06 0.83 0.00	51.90 0.41 0.00	45.94 0.32 0.00	44.39 0.48 0.00
ROARING___BROOK_WT_PWR 323790	35.90 -0.96 0.00	33.18 -0.85 0.00	33.06 -0.78 0.00	32.95 -0.74 0.00	34.25 -0.74 0.00	39.08 -0.80 0.00	55.80 -1.08 0.00	63.76 -1.24 0.00	50.49 -0.98 0.00	40.58 -0.83 0.00	38.35 -0.74 0.00	35.92 -0.73 0.00	38.14 -0.70 0.00	38.21 -0.66 0.00	40.81 -0.62 0.00	49.23 -0.55 0.00	69.83 -0.64 0.00	84.63 -0.51 0.00	81.57 -0.41 0.00	69.47 -0.35 0.00	58.99 -0.24 0.00	51.33 -0.15 0.00	45.57 -0.05 0.00	43.87 -0.04 0.00

ROCHESRG_115KV_T4 355643	35.45 -1.40 0.00	32.60 -1.43 0.00	32.55 -1.29 0.00	32.41 -1.28 0.00	34.00 -0.98 0.00	38.16 -1.71 0.00	53.75 -3.13 0.00	61.75 -3.25 0.00	49.00 -2.47 0.00	40.12 -1.28 0.00	38.28 -0.82 0.00	35.99 -0.66 0.00	37.71 -1.13 0.00	37.66 -1.20 0.00	40.02 -1.41 0.00	47.49 -2.29 0.00	67.43 -3.03 0.00	81.05 -4.09 0.00	78.13 -3.85 0.00	66.81 -3.00 0.00	56.03 -3.20 0.00	49.17 -2.32 0.00	43.66 -1.96 0.00	42.16 -1.76 0.00
ROCHESTER_9_IC 23652	35.64 -1.22 0.00	32.74 -1.29 0.00	32.69 -1.15 0.00	32.54 -1.15 0.00	34.14 -0.84 0.00	38.40 -1.48 0.00	54.09 -2.79 0.00	62.07 -2.92 0.00	49.31 -2.16 0.00	40.37 -1.04 0.00	38.51 -0.59 0.00	36.25 -0.40 0.00	37.99 -0.85 0.00	37.90 -0.97 0.00	40.31 -1.12 0.00	47.84 -1.94 0.00	67.93 -2.54 0.00	81.65 -3.49 0.00	78.62 -3.36 0.00	67.23 -2.58 0.00	56.39 -2.84 0.00	49.48 -2.01 0.00	43.93 -1.69 0.00	42.37 -1.54 0.00
ROCKVIEW_13_KV_LD 356306	39.32 2.47 0.00	36.18 2.14 0.00	35.77 1.93 0.00	35.64 1.95 0.00	36.94 1.96 0.00	42.27 2.39 0.00	60.29 3.41 0.00	68.96 3.96 0.00	54.66 3.19 0.00	43.97 2.69 0.13	41.70 2.62 0.02	39.18 2.64 0.11	41.43 2.64 0.06	41.50 2.68 0.05	44.29 2.90 0.03	52.87 3.09 0.00	74.76 4.30 0.00	90.42 5.28 0.00	86.82 4.84 0.00	73.72 3.91 0.00	62.43 3.20 0.00	54.37 2.88 0.00	48.03 2.42 0.00	46.02 2.11 0.00
ROME____115KV_TB2 80656	37.63 0.77 0.00	34.85 0.82 0.00	34.72 0.88 0.00	34.53 0.84 0.00	35.96 0.98 0.00	41.11 1.24 0.00	58.64 1.76 0.00	67.01 2.01 0.00	52.96 1.49 0.00	42.40 0.99 0.00	40.15 1.06 0.00	37.64 0.99 0.00	39.81 0.97 0.00	39.76 0.89 0.00	42.26 0.83 0.00	51.32 1.54 0.00	73.07 2.61 0.00	88.20 3.07 0.00	85.02 3.03 0.00	72.61 2.79 0.00	61.36 2.13 0.00	53.50 2.01 0.00	47.21 1.60 0.00	45.36 1.45 0.00
ROSETON___1 23587	38.73 1.88 0.00	35.67 1.63 0.00	35.33 1.49 0.00	35.17 1.48 0.00	36.49 1.50 0.00	41.67 1.80 0.00	59.44 2.56 0.00	67.86 2.86 0.00	53.68 2.21 0.00	43.31 1.91 0.00	40.93 1.84 0.00	38.52 1.87 0.00	40.71 1.86 0.00	40.73 1.87 0.00	43.50 2.07 0.00	51.97 2.19 0.00	73.42 2.96 0.00	88.80 3.66 0.00	85.27 3.28 0.00	72.40 2.58 0.00	61.36 2.13 0.00	53.49 2.01 0.00	47.35 1.73 0.00	45.36 1.45 0.00
ROSETON___2 23588	38.73 1.88 0.00	35.67 1.63 0.00	35.33 1.49 0.00	35.17 1.48 0.00	36.49 1.50 0.00	41.67 1.80 0.00	59.44 2.56 0.00	67.86 2.86 0.00	53.68 2.21 0.00	43.31 1.91 0.00	40.93 1.84 0.00	38.52 1.87 0.00	40.71 1.86 0.00	40.73 1.87 0.00	43.50 2.07 0.00	51.97 2.19 0.00	73.42 2.96 0.00	88.80 3.66 0.00	85.27 3.28 0.00	72.40 2.58 0.00	61.36 2.13 0.00	53.49 2.01 0.00	47.35 1.73 0.00	45.36 1.45 0.00
ROTRDAM_115KV_TB3 80664	37.85 1.00 0.00	34.95 0.92 0.00	34.72 0.88 0.00	34.57 0.88 0.00	35.82 0.84 0.00	40.91 1.04 0.00	58.30 1.42 0.00	66.62 1.62 0.00	52.39 0.93 0.00	41.99 0.58 0.00	39.49 0.39 0.00	37.16 0.51 0.00	39.27 0.43 0.00	39.30 0.43 0.00	41.97 0.54 0.00	50.63 0.85 0.00	71.94 1.48 0.00	86.84 1.70 0.00	83.70 1.72 0.00	71.14 1.33 0.00	60.47 1.24 0.00	52.41 0.93 0.00	46.39 0.78 0.00	44.75 0.83 0.00
RUSSELL___1 23602	35.75 -1.11 0.00	32.84 -1.19 0.00	32.79 -1.05 0.00	32.65 -1.04 0.00	34.25 -0.73 0.00	38.56 -1.32 0.00	54.38 -2.50 0.00	62.40 -2.60 0.00	49.56 -1.90 0.00	40.58 -0.83 0.00	38.71 -0.39 0.00	36.43 -0.22 0.00	38.18 -0.66 0.00	38.13 -0.74 0.00	40.52 -0.91 0.00	48.09 -1.69 0.00	68.28 -2.18 0.00	82.07 -3.07 0.00	79.11 -2.87 0.00	67.65 -2.16 0.00	56.68 -2.55 0.00	49.74 -1.75 0.00	44.16 -1.46 0.00	42.51 -1.41 0.00
RUSSELL___2 23532	35.75 -1.11 0.00	32.84 -1.19 0.00	32.79 -1.05 0.00	32.65 -1.04 0.00	34.25 -0.73 0.00	38.56 -1.32 0.00	54.38 -2.50 0.00	62.40 -2.60 0.00	49.56 -1.90 0.00	40.58 -0.83 0.00	38.71 -0.39 0.00	36.43 -0.22 0.00	38.18 -0.66 0.00	38.13 -0.74 0.00	40.52 -0.91 0.00	48.09 -1.69 0.00	68.28 -2.18 0.00	82.07 -3.07 0.00	79.11 -2.87 0.00	67.65 -2.16 0.00	56.68 -2.55 0.00	49.74 -1.75 0.00	44.16 -1.46 0.00	42.51 -1.41 0.00
RUSSELL___3 23549	35.75 -1.11 0.00	32.84 -1.19 0.00	32.79 -1.05 0.00	32.65 -1.04 0.00	34.25 -0.73 0.00	38.56 -1.32 0.00	54.38 -2.50 0.00	62.40 -2.60 0.00	49.56 -1.90 0.00	40.58 -0.83 0.00	38.71 -0.39 0.00	36.43 -0.22 0.00	38.18 -0.66 0.00	38.13 -0.74 0.00	40.52 -0.91 0.00	48.09 -1.69 0.00	68.28 -2.18 0.00	82.07 -3.07 0.00	79.11 -2.87 0.00	67.65 -2.16 0.00	56.68 -2.55 0.00	49.74 -1.75 0.00	44.16 -1.46 0.00	42.51 -1.41 0.00
RUSSELL___4 23556	35.75 -1.11 0.00	32.84 -1.19 0.00	32.79 -1.05 0.00	32.65 -1.04 0.00	34.25 -0.73 0.00	38.56 -1.32 0.00	54.38 -2.50 0.00	62.40 -2.60 0.00	49.56 -1.90 0.00	40.58 -0.83 0.00	38.71 -0.39 0.00	36.43 -0.22 0.00	38.18 -0.66 0.00	38.13 -0.74 0.00	40.52 -0.91 0.00	48.09 -1.69 0.00	68.28 -2.18 0.00	82.07 -3.07 0.00	79.11 -2.87 0.00	67.65 -2.16 0.00	56.68 -2.55 0.00	49.74 -1.75 0.00	44.16 -1.46 0.00	42.51 -1.41 0.00
RUSSELL___STATION 23914	35.75 -1.11 0.00	32.84 -1.19 0.00	32.79 -1.05 0.00	32.65 -1.04 0.00	34.25 -0.73 0.00	38.56 -1.32 0.00	54.38 -2.50 0.00	62.40 -2.60 0.00	49.56 -1.90 0.00	40.58 -0.83 0.00	38.71 -0.39 0.00	36.43 -0.22 0.00	38.18 -0.66 0.00	38.13 -0.74 0.00	40.52 -0.91 0.00	48.09 -1.69 0.00	68.28 -2.18 0.00	82.07 -3.07 0.00	79.11 -2.87 0.00	67.65 -2.16 0.00	56.68 -2.55 0.00	49.74 -1.75 0.00	44.16 -1.46 0.00	42.51 -1.41 0.00
S SALMON___HYD 24043	36.26 -0.59 0.00	33.56 -0.48 0.00	33.40 -0.44 0.00	33.15 -0.54 0.00	34.53 -0.46 0.00	39.32 -0.56 0.00	55.91 -0.97 0.00	63.96 -1.04 0.00	50.80 -0.67 0.00	40.79 -0.62 0.00	38.63 -0.47 0.00	36.25 -0.40 0.00	38.22 -0.62 0.00	38.21 -0.66 0.00	40.56 -0.87 0.00	48.83 -0.95 0.00	69.26 -1.20 0.00	83.77 -1.37 0.00	80.76 -1.23 0.00	68.98 -0.83 0.00	58.52 -0.71 0.00	51.13 -0.36 0.00	45.25 -0.37 0.00	43.52 -0.40 0.00
S.PERRY__115KV_TB1 80734	35.82 -1.03 0.00	32.88 -1.16 0.00	32.99 -0.85 0.00	32.85 -0.84 0.00	34.60 -0.38 0.00	38.92 -0.96 0.00	55.06 -1.82 0.00	63.37 -1.62 0.00	49.82 -1.65 0.00	40.66 -0.75 0.00	38.78 -0.31 0.00	36.39 -0.26 0.00	37.95 -0.89 0.00	37.90 -0.97 0.00	40.27 -1.16 0.00	47.94 -1.84 0.00	66.45 -4.02 0.00	80.54 -4.60 0.00	78.13 -3.85 0.00	66.95 -2.86 0.00	56.03 -3.20 0.00	49.17 -2.32 0.00	45.21 -0.41 0.00	43.38 -0.53 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	34.39 -2.47 0.00	31.55 -2.48 0.00	31.57 -2.27 0.00	31.43 -2.26 0.00	33.16 -1.82 0.00	36.57 -3.31 0.00	51.02 -5.86 0.00	58.82 -6.17 0.00	46.63 -4.84 0.00	38.80 -2.61 0.00	37.26 -1.84 0.00	35.11 -1.54 0.00	36.43 -2.41 0.00	36.42 -2.45 0.00	38.69 -2.73 0.00	45.55 -4.23 0.00	64.90 -5.57 0.00	77.65 -7.49 0.00	75.10 -6.89 0.00	64.37 -5.45 0.00	53.90 -5.33 0.00	47.63 -3.86 0.00	42.38 -3.24 0.00	41.06 -2.85 0.00

SAWYER___23_KV_LOAD 55526	34.39 -2.47 0.00	31.55 -2.48 0.00	31.57 -2.27 0.00	31.43 -2.26 0.00	33.16 -1.82 0.00	36.57 -3.31 0.00	51.02 -5.86 0.00	58.82 -6.17 0.00	46.63 -4.84 0.00	38.80 -2.61 0.00	37.26 -1.84 0.00	35.11 -1.54 0.00	36.43 -2.41 0.00	36.42 -2.45 0.00	38.69 -2.73 0.00	45.55 -4.23 0.00	64.90 -5.57 0.00	77.65 -7.49 0.00	75.10 -6.89 0.00	64.37 -5.45 0.00	53.90 -5.33 0.00	47.63 -3.86 0.00	42.38 -3.24 0.00	41.06 -2.85 0.00
SELKIRK___I 23801	37.96 1.10 0.00	35.12 1.09 0.00	34.89 1.05 0.00	34.70 1.01 0.00	35.96 0.98 0.00	40.99 1.11 0.00	58.36 1.48 0.00	66.56 1.56 0.00	52.24 0.77 0.00	41.94 0.54 0.00	39.41 0.31 0.00	37.09 0.44 0.00	39.23 0.39 0.00	39.26 0.39 0.00	41.93 0.50 0.00	50.57 0.79 0.00	71.94 1.48 0.00	86.75 1.61 0.00	83.62 1.64 0.00	71.07 1.26 0.00	60.35 1.12 0.00	52.36 0.87 0.00	46.30 0.69 0.00	44.70 0.79 0.00
SELKIRK___II 23799	37.74 0.88 0.00	34.88 0.85 0.00	34.65 0.81 0.00	34.47 0.78 0.00	35.72 0.74 0.00	40.71 0.84 0.00	57.96 1.08 0.00	66.17 1.17 0.00	52.09 0.62 0.00	41.86 0.46 0.00	39.37 0.28 0.00	37.09 0.44 0.00	39.19 0.35 0.00	39.22 0.35 0.00	41.84 0.41 0.00	50.38 0.60 0.00	71.45 0.99 0.00	86.16 1.03 0.00	82.97 0.99 0.00	70.51 0.70 0.00	59.88 0.65 0.00	51.95 0.46 0.00	45.98 0.36 0.00	44.35 0.44 0.00
SENECA OSWGO___HYD 24041	35.90 -0.96 0.00	33.18 -0.85 0.00	33.03 -0.81 0.00	32.85 -0.84 0.00	34.18 -0.80 0.00	38.88 -1.00 0.00	55.29 -1.59 0.00	63.31 -1.69 0.00	50.29 -1.18 0.00	40.46 -0.95 0.00	38.24 -0.86 0.00	35.99 -0.66 0.00	37.91 -0.93 0.00	37.94 -0.93 0.00	40.35 -1.08 0.00	48.39 -1.39 0.00	68.56 -1.90 0.00	82.76 -2.38 0.00	79.60 -2.38 0.00	67.86 -1.95 0.00	57.51 -1.72 0.00	50.10 -1.39 0.00	44.34 -1.28 0.00	42.68 -1.23 0.00
SENECA___115KV_TB3 355854	34.39 -2.47 0.00	31.58 -2.45 0.00	31.64 -2.20 0.00	31.50 -2.19 0.00	33.24 -1.75 0.00	36.84 -3.03 0.00	51.31 -5.57 0.00	59.28 -5.72 0.00	47.66 -3.81 0.00	39.01 -2.40 0.00	37.46 -1.64 0.00	35.47 -1.17 0.00	36.67 -2.17 0.00	36.65 -2.21 0.00	38.86 -2.57 0.00	45.85 -3.93 0.00	65.46 -5.00 0.00	78.50 -6.64 0.00	75.92 -6.07 0.00	65.14 -4.68 0.00	55.08 -4.15 0.00	48.14 -3.35 0.00	42.83 -2.78 0.00	41.67 -2.24 0.00
SENECA___ENERGY 23797	36.08 -0.78 0.00	33.28 -0.75 0.00	33.16 -0.68 0.00	32.98 -0.71 0.00	34.46 -0.52 0.00	39.16 -0.72 0.00	55.57 -1.31 0.00	63.70 -1.30 0.00	50.75 -0.72 0.00	40.87 -0.54 0.00	38.74 -0.35 0.00	36.47 -0.18 0.00	38.34 -0.51 0.00	38.36 -0.51 0.00	40.76 -0.66 0.00	48.78 -1.00 0.00	69.20 -1.27 0.00	83.52 -1.62 0.00	80.42 -1.56 0.00	68.63 -1.19 0.00	58.05 -1.18 0.00	50.46 -1.03 0.00	44.66 -0.96 0.00	43.03 -0.88 0.00
SHOEMAKER___GT 23640	38.59 1.73 0.00	35.53 1.50 0.00	35.23 1.39 0.00	35.07 1.38 0.00	36.38 1.40 0.00	41.55 1.67 0.00	59.38 2.50 0.00	67.73 2.73 0.00	53.53 2.06 0.00	43.11 1.70 0.00	40.70 1.60 0.00	38.30 1.65 0.00	40.47 1.63 0.00	40.50 1.63 0.00	43.21 1.78 0.00	51.77 1.99 0.00	73.28 2.82 0.00	88.80 3.66 0.00	85.27 3.28 0.00	72.40 2.58 0.00	61.36 2.13 0.00	53.55 2.06 0.00	47.35 1.73 0.00	45.36 1.45 0.00
SHOEMAKR_138KV_BK 111 55601	38.59 1.73 0.00	35.53 1.50 0.00	35.23 1.39 0.00	35.07 1.38 0.00	36.42 1.43 0.00	41.59 1.71 0.00	59.33 2.45 0.00	67.73 2.73 0.00	53.58 2.11 0.00	43.15 1.74 0.00	40.74 1.64 0.00	38.33 1.69 0.00	40.51 1.67 0.00	40.54 1.67 0.00	43.25 1.82 0.00	51.77 1.99 0.00	73.28 2.82 0.00	88.72 3.58 0.00	85.26 3.28 0.00	72.40 2.58 0.00	61.36 2.13 0.00	53.50 2.01 0.00	47.31 1.69 0.00	45.40 1.49 0.00
SHOREHAM_IC_1 23715	38.88 2.03 0.00	35.94 1.90 0.00	35.29 1.45 0.00	35.07 1.38 0.00	36.24 1.26 0.00	41.23 1.36 0.00	58.30 1.42 0.00	64.80 1.42 0.01	44.26 -0.26 6.95	34.87 1.70 8.24	36.76 1.72 4.06	37.46 1.76 0.95	37.02 1.86 3.68	40.75 1.83 -0.06	43.72 2.24 -0.06	50.33 0.55 0.00	71.73 1.27 0.00	86.67 1.53 0.00	83.78 1.80 0.00	72.11 2.30 0.00	60.59 1.36 0.00	52.61 1.13 0.00	45.80 0.18 0.00	43.87 -0.04 0.00
SHOREHAM_IC_2 23716	38.88 2.03 0.00	35.94 1.91 0.00	35.29 1.46 0.00	35.07 1.38 0.00	36.49 1.50 0.00	41.55 1.67 0.00	58.30 1.42 0.00	64.80 -0.20 0.00	44.31 -0.21 6.95	34.86 1.70 8.24	36.80 1.76 4.06	37.50 1.80 0.95	37.06 1.90 3.68	40.79 1.87 -0.06	43.68 2.20 -0.06	50.33 0.55 0.00	71.73 1.27 0.00	86.50 1.36 0.00	83.62 1.64 0.00	72.25 2.44 0.00	60.65 1.42 0.00	52.93 1.44 0.00	45.85 0.23 0.00	44.22 0.31 0.00
SISSONVILLE____ 23735	37.04 0.18 0.00	34.24 0.20 0.00	34.08 0.24 0.00	33.96 0.27 0.00	35.26 0.28 0.00	40.43 0.56 0.00	57.90 1.02 0.00	66.04 1.04 0.00	52.24 0.77 0.00	41.90 0.50 0.00	39.64 0.55 0.00	36.80 0.15 0.00	39.38 0.54 0.00	39.34 0.47 0.00	41.88 0.46 0.00	50.48 0.70 0.00	70.96 0.49 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.33 0.00	60.65 1.42 0.00	53.03 1.54 0.00	47.31 1.69 0.00	45.40 1.49 0.00
SITHE_IND_GS1 24169	35.53 -1.33 0.00	32.84 -1.19 0.00	32.69 -1.15 0.00	32.51 -1.18 0.00	33.83 -1.15 0.00	38.44 -1.43 0.00	54.60 -2.28 0.00	62.53 -2.47 0.00	49.62 -1.85 0.00	39.96 -1.45 0.00	37.73 -1.37 0.00	35.51 -1.14 0.00	37.44 -1.40 0.00	37.47 -1.40 0.00	39.90 -1.53 0.00	47.89 -1.89 0.00	67.78 -2.68 0.00	81.73 -3.41 0.00	78.70 -3.28 0.00	67.09 -2.72 0.00	56.86 -2.37 0.00	49.48 -2.01 0.00	43.84 -1.78 0.00	42.20 -1.71 0.00
SITHE_IND_GS2 24170	35.53 -1.33 0.00	32.84 -1.19 0.00	32.69 -1.15 0.00	32.51 -1.18 0.00	33.83 -1.15 0.00	38.44 -1.43 0.00	54.60 -2.28 0.00	62.53 -2.47 0.00	49.62 -1.85 0.00	39.96 -1.45 0.00	37.73 -1.37 0.00	35.51 -1.14 0.00	37.44 -1.40 0.00	37.47 -1.40 0.00	39.90 -1.53 0.00	47.89 -1.89 0.00	67.78 -2.68 0.00	81.73 -3.41 0.00	78.70 -3.28 0.00	67.09 -2.72 0.00	56.86 -2.37 0.00	49.48 -2.01 0.00	43.84 -1.78 0.00	42.20 -1.71 0.00
SITHE_IND_GS3 24171	35.53 -1.33 0.00	32.84 -1.19 0.00	32.69 -1.15 0.00	32.51 -1.18 0.00	33.83 -1.15 0.00	38.44 -1.43 0.00	54.60 -2.28 0.00	62.53 -2.47 0.00	49.62 -1.85 0.00	39.96 -1.45 0.00	37.73 -1.37 0.00	35.51 -1.14 0.00	37.44 -1.40 0.00	37.47 -1.40 0.00	39.90 -1.53 0.00	47.89 -1.89 0.00	67.78 -2.68 0.00	81.73 -3.41 0.00	78.70 -3.28 0.00	67.09 -2.72 0.00	56.86 -2.37 0.00	49.48 -2.01 0.00	43.84 -1.78 0.00	42.20 -1.71 0.00
SITHE_IND_GS4 24172	35.53 -1.33 0.00	32.84 -1.19 0.00	32.69 -1.15 0.00	32.51 -1.18 0.00	33.83 -1.15 0.00	38.44 -1.43 0.00	54.60 -2.28 0.00	62.53 -2.47 0.00	49.62 -1.85 0.00	39.96 -1.45 0.00	37.73 -1.37 0.00	35.51 -1.14 0.00	37.44 -1.40 0.00	37.47 -1.40 0.00	39.90 -1.53 0.00	47.89 -1.89 0.00	67.78 -2.68 0.00	81.73 -3.41 0.00	78.70 -3.28 0.00	67.09 -2.72 0.00	56.86 -2.37 0.00	49.48 -2.01 0.00	43.84 -1.78 0.00	42.20 -1.71 0.00

SITHE___BATAVIA 24024	35.42 -1.44 0.00	32.50 -1.53 0.00	32.52 -1.32 0.00	32.38 -1.31 0.00	34.14 -0.84 0.00	38.00 -1.87 0.00	53.12 -3.76 0.00	61.16 -3.83 0.00	49.20 -2.26 0.00	40.00 -1.41 0.00	38.27 -0.82 0.00	36.17 -0.48 0.00	37.56 -1.28 0.00	37.47 -1.40 0.00	39.69 -1.74 0.00	46.94 -2.84 0.00	67.01 -3.45 0.00	80.54 -4.60 0.00	77.80 -4.18 0.00	66.74 -3.07 0.00	56.27 -2.96 0.00	49.17 -2.32 0.00	43.66 -1.96 0.00	42.37 -1.54 0.00
SITHE___INDEPEND 23800	35.53 -1.33 0.00	32.84 -1.19 0.00	32.69 -1.15 0.00	32.51 -1.18 0.00	33.83 -1.15 0.00	38.40 -1.48 0.00	54.61 -2.28 0.00	62.53 -2.47 0.00	49.56 -1.90 0.00	39.96 -1.45 0.00	37.73 -1.37 0.00	35.51 -1.14 0.00	37.44 -1.40 0.00	37.47 -1.40 0.00	39.90 -1.53 0.00	47.89 -1.89 0.00	67.78 -2.68 0.00	81.73 -3.41 0.00	78.70 -3.28 0.00	67.09 -2.72 0.00	56.80 -2.43 0.00	49.48 -2.01 0.00	43.84 -1.78 0.00	42.16 -1.76 0.00
SITHE___MASSENA 23902	37.00 0.15 0.00	34.17 0.14 0.00	33.97 0.14 0.00	33.89 0.20 0.00	35.19 0.21 0.00	40.27 0.40 0.00	57.68 0.80 0.00	65.78 0.78 0.00	52.09 0.62 0.00	41.86 0.46 0.00	39.60 0.51 0.00	36.80 0.15 0.00	39.38 0.54 0.00	39.37 0.50 0.00	41.97 0.54 0.00	50.53 0.75 0.00	71.24 0.78 0.00	86.50 1.36 0.00	83.46 1.48 0.00	71.14 1.32 0.00	60.48 1.25 0.00	52.72 1.23 0.00	46.85 1.23 0.00	45.05 1.14 0.00
SITHE___OGDNSBRG 24021	37.48 0.63 0.00	34.68 0.65 0.00	34.52 0.68 0.00	34.40 0.71 0.00	35.75 0.77 0.00	41.03 1.16 0.00	58.81 1.93 0.00	66.95 1.95 0.00	52.86 1.39 0.00	42.24 0.83 0.00	39.96 0.86 0.00	37.01 0.37 0.00	39.66 0.82 0.00	39.65 0.78 0.00	42.22 0.79 0.00	51.07 1.29 0.00	72.15 1.69 0.00	87.86 2.72 0.00	85.02 3.03 0.00	72.68 2.86 0.00	61.90 2.67 0.00	53.91 2.42 0.00	47.90 2.28 0.00	46.02 2.11 0.00
SITHE___STERLING 23777	37.44 0.59 0.00	34.65 0.61 0.00	34.51 0.68 0.00	34.33 0.64 0.00	35.75 0.77 0.00	40.83 0.96 0.00	58.19 1.31 0.00	66.56 1.56 0.00	52.65 1.18 0.00	42.19 0.78 0.00	39.92 0.82 0.00	37.45 0.81 0.00	39.58 0.74 0.00	39.57 0.70 0.00	42.05 0.62 0.00	50.87 1.09 0.00	72.37 1.90 0.00	87.35 2.21 0.00	84.11 2.13 0.00	71.77 1.95 0.00	60.77 1.54 0.00	52.82 1.34 0.00	46.71 1.09 0.00	44.92 1.01 0.00
SLEIGHT__34_KV_TB1 80719	35.60 -1.25 0.00	32.77 -1.26 0.00	32.72 -1.12 0.00	32.58 -1.11 0.00	34.07 -0.91 0.00	38.60 -1.28 0.00	54.66 -2.22 0.00	62.72 -2.27 0.00	49.82 -1.65 0.00	40.50 -0.91 0.00	38.47 -0.63 0.00	36.21 -0.44 0.00	38.03 -0.82 0.00	38.01 -0.86 0.00	40.39 -1.04 0.00	48.19 -1.59 0.00	68.42 -2.04 0.00	82.50 -2.64 0.00	79.36 -2.62 0.00	67.72 -2.09 0.00	56.98 -2.25 0.00	49.79 -1.70 0.00	44.11 -1.51 0.00	42.42 -1.49 0.00
SMITHTWN_69_KV_BK 1 55830	39.29 2.43 0.00	36.14 2.11 0.00	35.53 1.69 0.00	35.34 1.65 0.00	36.73 1.75 0.00	41.79 1.91 0.00	59.04 2.16 0.00	66.49 1.49 0.00	45.22 1.13 7.38	34.85 2.73 9.29	36.77 2.93 5.26	38.29 2.93 1.29	37.01 2.99 4.82	41.95 3.03 -0.05	44.89 3.40 -0.06	51.72 1.94 0.00	73.70 3.24 0.00	88.72 3.58 0.00	85.67 3.69 0.00	74.00 4.19 0.00	62.19 2.96 0.00	54.21 2.73 0.00	47.03 1.41 0.00	45.36 1.45 0.00
SOUTH CAIRO___GT 23612	38.48 1.62 0.00	35.53 1.50 0.00	35.29 1.46 0.00	35.17 1.48 0.00	36.52 1.54 0.00	41.71 1.83 0.00	59.67 2.79 0.00	67.92 2.92 0.00	52.91 1.44 0.00	42.03 0.62 0.00	39.33 0.23 0.00	37.05 0.40 0.00	39.11 0.27 0.00	39.18 0.31 0.00	41.88 0.46 0.00	50.87 1.10 0.00	73.00 2.54 0.00	88.89 3.75 0.00	85.67 3.69 0.00	72.68 2.86 0.00	61.72 2.49 0.00	53.60 2.11 0.00	47.26 1.64 0.00	45.54 1.62 0.00
SOUTH HAMPTN___IC 23720	39.18 2.32 0.00	36.11 2.08 0.00	35.46 1.62 0.00	35.21 1.52 0.00	36.42 1.43 0.00	41.39 1.51 0.00	58.53 1.65 0.00	65.19 0.20 0.01	44.55 0.00 6.91	35.02 1.82 8.21	37.04 1.95 4.01	37.66 1.94 0.93	37.26 2.06 3.64	40.99 2.06 -0.06	43.93 2.44 -0.06	50.62 0.85 0.00	72.22 1.76 0.00	87.35 2.21 0.00	84.36 2.38 0.00	72.61 2.80 0.00	60.94 1.72 0.00	52.92 1.44 0.00	46.03 0.41 0.00	44.18 0.27 0.00
SOUTHDOW_115KV_TB1 355954	34.02 -2.84 0.00	31.31 -2.72 0.00	31.40 -2.44 0.00	31.33 -2.36 0.00	33.06 -1.92 0.00	36.80 -3.07 0.00	51.93 -4.95 0.00	60.32 -4.68 0.00	47.76 -3.71 0.00	39.71 -1.70 0.00	38.16 -0.94 0.00	36.06 -0.59 0.00	37.52 -1.32 0.00	37.59 -1.28 0.00	39.94 -1.49 0.00	46.94 -2.84 0.00	67.50 -2.96 0.00	81.48 -3.66 0.00	78.79 -3.20 0.00	67.37 -2.44 0.00	56.39 -2.84 0.00	49.58 -1.91 0.00	44.11 -1.51 0.00	42.33 -1.58 0.00
SOUTHOLD_69_KV_BK 2 55809	39.43 2.58 0.00	36.21 2.18 0.00	35.50 1.66 0.00	35.24 1.55 0.00	36.66 1.68 0.00	41.75 1.87 0.00	58.47 1.59 0.00	65.06 0.06 0.00	44.50 -0.05 6.91	34.82 1.61 8.21	36.92 1.84 4.01	37.55 1.83 0.93	37.07 1.86 3.64	40.83 1.90 -0.06	43.77 2.28 -0.06	50.48 0.70 0.00	72.08 1.62 0.00	87.10 1.96 0.00	84.11 2.13 0.00	72.60 2.79 0.00	60.82 1.60 0.00	53.08 1.60 0.00	45.89 0.27 0.00	44.53 0.61 0.00
SOUTHOLD___IC 23719	39.43 2.58 0.00	36.21 2.18 0.00	35.50 1.66 0.00	35.24 1.55 0.00	36.42 1.43 0.00	41.43 1.55 0.00	58.47 1.59 0.00	65.06 0.07 0.01	44.40 -0.15 6.91	34.81 1.61 8.21	36.89 1.80 4.01	37.51 1.80 0.93	37.07 1.86 3.64	40.79 1.87 -0.06	43.77 2.28 -0.06	50.48 0.70 0.00	72.08 1.62 0.00	87.27 2.13 0.00	84.27 2.29 0.00	72.46 2.65 0.00	60.83 1.60 0.00	52.77 1.29 0.00	45.85 0.23 0.00	44.18 0.27 0.00
SOUTH_FORK_WT_PWR 323839	39.29 2.43 0.00	36.04 2.01 0.00	35.29 1.45 0.00	35.00 1.31 0.00	36.17 1.19 0.00	41.15 1.28 0.00	57.90 1.02 0.00	64.41 -0.59 0.01	43.88 -0.67 6.91	34.36 1.16 8.21	36.45 1.37 4.01	37.07 1.36 0.93	36.60 1.40 3.64	40.32 1.40 -0.06	43.27 1.78 -0.06	49.88 0.10 0.00	71.23 0.78 0.00	86.16 1.03 0.00	83.29 1.31 0.00	71.56 1.75 0.00	60.05 0.83 0.00	52.10 0.62 0.00	45.25 -0.37 0.00	43.74 -0.17 0.00
SPIERFLS_115KV_TB 1 80737	38.00 1.14 0.00	35.19 1.16 0.00	34.95 1.12 0.00	34.77 1.08 0.00	36.03 1.05 0.00	41.27 1.40 0.00	58.76 1.88 0.00	67.21 2.21 0.00	52.39 0.93 0.00	41.82 0.41 0.00	39.25 0.16 0.00	36.91 0.26 0.00	39.00 0.16 0.00	38.91 0.04 0.00	41.59 0.17 0.00	50.43 0.65 0.00	72.22 1.76 0.00	87.27 2.13 0.00	84.20 2.21 0.00	71.42 1.61 0.00	60.95 1.72 0.00	52.57 1.08 0.00	46.53 0.91 0.00	45.01 1.10 0.00
ST LAWRENCE____ 23600	36.52 -0.33 0.00	33.73 -0.31 0.00	33.53 -0.31 0.00	33.42 -0.27 0.00	34.70 -0.28 0.00	39.68 -0.20 0.00	56.82 -0.06 0.00	64.87 -0.13 0.00	51.36 -0.10 0.00	41.33 -0.08 0.00	39.06 -0.04 0.00	36.35 -0.29 0.00	38.84 0.00 0.00	38.87 0.00 0.00	41.43 0.00 0.00	49.88 0.10 0.00	70.39 -0.07 0.00	85.31 0.17 0.00	82.23 0.25 0.00	70.09 0.28 0.00	59.53 0.30 0.00	51.80 0.31 0.00	46.03 0.41 0.00	44.26 0.35 0.00

STATE_CA_115KV_115_LB 55624	37.89 1.03 0.00	35.05 1.02 0.00	34.82 0.98 0.00	34.63 0.94 0.00	35.86 0.87 0.00	40.87 1.00 0.00	58.19 1.31 0.00	66.49 1.49 0.00	52.34 0.87 0.00	41.95 0.54 0.00	39.41 0.31 0.00	37.12 0.48 0.00	39.23 0.39 0.00	39.26 0.39 0.00	41.88 0.46 0.00	50.53 0.75 0.00	71.80 1.34 0.00	86.50 1.36 0.00	83.29 1.31 0.00	70.79 0.98 0.00	60.18 0.95 0.00	52.05 0.57 0.00	46.03 0.41 0.00	44.48 0.57 0.00
STATE_ST_34_KV_LOAD 55959	36.45 -0.41 0.00	33.62 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.74 -0.24 0.00	39.52 -0.36 0.00	56.26 -0.63 0.00	64.48 -0.52 0.00	51.11 -0.36 0.00	41.20 -0.21 0.00	38.94 -0.16 0.00	36.65 0.00 0.00	38.57 -0.27 0.00	38.64 -0.23 0.00	41.10 -0.33 0.00	49.28 -0.50 0.00	69.90 -0.56 0.00	84.54 -0.60 0.00	81.49 -0.49 0.00	69.47 -0.35 0.00	58.70 -0.53 0.00	51.13 -0.36 0.00	45.21 -0.41 0.00	43.43 -0.48 0.00
STATION_5_MISC_HYD 23604	35.64 -1.22 0.00	32.77 -1.26 0.00	32.69 -1.15 0.00	32.54 -1.15 0.00	34.14 -0.84 0.00	38.48 -1.40 0.00	54.09 -2.79 0.00	62.08 -2.92 0.00	49.82 -1.65 0.00	40.37 -1.03 0.00	38.51 -0.59 0.00	36.35 -0.29 0.00	37.99 -0.85 0.00	37.90 -0.97 0.00	40.23 -1.20 0.00	47.84 -1.94 0.00	67.93 -2.53 0.00	81.64 -3.49 0.00	78.62 -3.36 0.00	67.23 -2.58 0.00	56.80 -2.43 0.00	49.53 -1.96 0.00	43.93 -1.69 0.00	42.55 -1.36 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.82 -1.03 0.00	32.98 -1.05 0.00	32.89 -0.95 0.00	32.75 -0.94 0.00	34.25 -0.73 0.00	38.76 -1.12 0.00	54.95 -1.93 0.00	62.98 -2.01 0.00	50.03 -1.44 0.00	40.66 -0.75 0.00	38.67 -0.43 0.00	36.36 -0.29 0.00	38.22 -0.62 0.00	38.17 -0.70 0.00	40.60 -0.83 0.00	48.39 -1.39 0.00	68.70 -1.76 0.00	82.76 -2.38 0.00	79.69 -2.30 0.00	68.00 -1.82 0.00	57.16 -2.07 0.00	49.99 -1.49 0.00	44.29 -1.32 0.00	42.64 -1.27 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.45 -1.40 0.00	32.60 -1.43 0.00	32.55 -1.29 0.00	32.41 -1.28 0.00	33.97 -1.01 0.00	38.24 -1.63 0.00	53.92 -2.96 0.00	61.88 -3.12 0.00	49.15 -2.32 0.00	40.21 -1.20 0.00	38.31 -0.78 0.00	36.03 -0.62 0.00	37.79 -1.05 0.00	37.74 -1.13 0.00	40.10 -1.33 0.00	47.64 -2.14 0.00	67.64 -2.82 0.00	81.31 -3.83 0.00	78.38 -3.61 0.00	66.95 -2.86 0.00	56.15 -3.08 0.00	49.27 -2.21 0.00	43.75 -1.87 0.00	42.16 -1.76 0.00
STA_56___34_KV_BUS2 355983	35.45 -1.40 0.00	32.60 -1.43 0.00	32.55 -1.29 0.00	32.41 -1.28 0.00	33.97 -1.01 0.00	38.24 -1.63 0.00	53.92 -2.96 0.00	61.88 -3.12 0.00	49.15 -2.32 0.00	40.21 -1.20 0.00	38.31 -0.78 0.00	36.03 -0.62 0.00	37.79 -1.05 0.00	37.74 -1.13 0.00	40.10 -1.33 0.00	47.64 -2.14 0.00	67.64 -2.82 0.00	81.31 -3.83 0.00	78.38 -3.61 0.00	66.95 -2.86 0.00	56.15 -3.08 0.00	49.27 -2.21 0.00	43.75 -1.87 0.00	42.16 -1.76 0.00
STA_67___115KV_BK2 355882	35.57 -1.29 0.00	32.67 -1.36 0.00	32.65 -1.18 0.00	32.48 -1.21 0.00	34.07 -0.91 0.00	38.32 -1.56 0.00	53.98 -2.90 0.00	61.94 -3.05 0.00	49.20 -2.26 0.00	40.29 -1.12 0.00	38.39 -0.70 0.00	36.14 -0.51 0.00	37.87 -0.97 0.00	37.82 -1.05 0.00	40.19 -1.24 0.00	47.69 -2.09 0.00	67.71 -2.75 0.00	81.39 -3.75 0.00	78.46 -3.53 0.00	67.02 -2.79 0.00	56.21 -3.02 0.00	49.38 -2.11 0.00	43.84 -1.78 0.00	42.29 -1.62 0.00
STA_7___115KV_9TRANS 80674	35.75 -1.11 0.00	32.84 -1.19 0.00	32.79 -1.05 0.00	32.65 -1.04 0.00	34.25 -0.73 0.00	38.56 -1.32 0.00	54.38 -2.50 0.00	62.40 -2.60 0.00	49.56 -1.90 0.00	40.58 -0.83 0.00	38.71 -0.39 0.00	36.43 -0.22 0.00	38.18 -0.66 0.00	38.13 -0.74 0.00	40.52 -0.91 0.00	48.09 -1.69 0.00	68.28 -2.18 0.00	82.07 -3.07 0.00	79.11 -2.87 0.00	67.65 -2.16 0.00	56.68 -2.55 0.00	49.74 -1.75 0.00	44.16 -1.46 0.00	42.51 -1.41 0.00
STA_82___115KV_TB1 80780	35.57 -1.29 0.00	32.70 -1.33 0.00	32.65 -1.18 0.00	32.51 -1.18 0.00	34.11 -0.87 0.00	38.32 -1.56 0.00	53.98 -2.90 0.00	62.01 -2.99 0.00	49.20 -2.26 0.00	40.29 -1.12 0.00	38.43 -0.66 0.00	36.17 -0.48 0.00	37.87 -0.97 0.00	37.82 -1.05 0.00	40.19 -1.24 0.00	47.69 -2.09 0.00	67.71 -2.75 0.00	81.39 -3.75 0.00	78.46 -3.53 0.00	67.09 -2.72 0.00	56.27 -2.96 0.00	49.38 -2.11 0.00	43.84 -1.78 0.00	42.29 -1.62 0.00
STEEL___WIND 323596	34.31 -2.54 0.00	31.55 -2.48 0.00	31.57 -2.27 0.00	31.47 -2.22 0.00	33.20 -1.78 0.00	36.80 -3.07 0.00	51.25 -5.63 0.00	59.21 -5.79 0.00	47.55 -3.91 0.00	38.96 -2.44 0.00	37.42 -1.68 0.00	35.40 -1.25 0.00	36.63 -2.21 0.00	36.61 -2.26 0.00	38.82 -2.61 0.00	45.80 -3.98 0.00	65.39 -5.07 0.00	78.41 -6.73 0.00	75.83 -6.15 0.00	65.06 -4.75 0.00	55.08 -4.15 0.00	48.09 -3.40 0.00	42.79 -2.83 0.00	41.63 -2.29 0.00
STEPHTWN_115KV_BK_2 55603	38.03 1.18 0.00	35.22 1.19 0.00	34.95 1.12 0.00	34.77 1.08 0.00	36.00 1.01 0.00	41.07 1.20 0.00	58.53 1.65 0.00	66.88 1.88 0.00	52.55 1.08 0.00	42.11 0.70 0.00	39.53 0.43 0.00	37.23 0.59 0.00	39.35 0.50 0.00	39.37 0.51 0.00	42.05 0.62 0.00	50.73 0.95 0.00	72.15 1.69 0.00	87.01 1.87 0.00	83.87 1.89 0.00	71.21 1.40 0.00	60.53 1.30 0.00	52.36 0.88 0.00	46.30 0.68 0.00	44.75 0.83 0.00
STEBEN_REC_LFGE 323667	33.80 -3.06 0.00	31.07 -2.96 0.00	31.23 -2.61 0.00	31.16 -2.53 0.00	32.88 -2.10 0.00	36.84 -3.03 0.00	52.05 -4.83 0.00	60.12 -4.87 0.00	47.30 -4.17 0.00	39.01 -2.40 0.00	37.30 -1.80 0.00	35.11 -1.54 0.00	36.47 -2.37 0.00	36.61 -2.25 0.00	39.03 -2.40 0.00	46.44 -3.34 0.00	66.52 -3.95 0.00	80.71 -4.43 0.00	78.13 -3.85 0.00	67.23 -2.58 0.00	56.33 -2.90 0.00	49.43 -2.06 0.00	44.16 -1.46 0.00	42.42 -1.49 0.00
STILLWATER___SOLAR 323814	38.33 1.48 0.00	35.46 1.43 0.00	35.23 1.39 0.00	35.04 1.35 0.00	36.31 1.33 0.00	41.51 1.64 0.00	59.16 2.28 0.00	67.60 2.60 0.00	52.75 1.29 0.00	42.19 0.78 0.00	39.57 0.47 0.00	37.23 0.58 0.00	39.38 0.54 0.00	39.37 0.50 0.00	42.09 0.66 0.00	50.97 1.19 0.00	72.78 2.32 0.00	87.86 2.72 0.00	84.68 2.70 0.00	71.98 2.17 0.00	61.18 1.95 0.00	52.93 1.44 0.00	46.80 1.18 0.00	45.27 1.36 0.00
STONY___BROOK 24151	39.25 2.39 0.00	36.11 2.08 0.00	35.50 1.66 0.00	35.27 1.58 0.00	36.56 1.58 0.00	41.43 1.55 0.00	58.99 2.11 0.00	66.36 1.37 0.01	45.32 0.98 7.13	35.43 2.65 8.63	37.43 2.85 4.52	38.39 2.82 1.08	37.60 2.87 4.12	41.87 2.95 -0.05	44.84 3.35 -0.06	51.62 1.84 0.00	73.49 3.03 0.00	88.63 3.49 0.00	85.59 3.60 0.00	73.72 3.91 0.00	61.95 2.73 0.00	53.80 2.32 0.00	46.89 1.28 0.00	44.88 0.96 0.00
STURGEON_POOL_HYD 23609	38.85 1.99 0.00	35.73 1.70 0.00	35.39 1.56 0.00	35.27 1.58 0.00	36.59 1.61 0.00	41.83 1.95 0.00	59.72 2.84 0.00	68.12 3.12 0.00	53.89 2.42 0.00	43.35 1.95 0.00	40.93 1.84 0.00	38.55 1.91 0.00	40.74 1.90 0.00	40.77 1.90 0.00	43.50 2.07 0.00	52.07 2.29 0.00	73.77 3.31 0.00	89.40 4.26 0.00	85.84 3.85 0.00	72.89 3.07 0.00	61.72 2.49 0.00	53.91 2.42 0.00	47.62 2.01 0.00	45.62 1.71 0.00

ST_LAW_115_BK7_LBMP 345037	36.56 -0.30 0.00	33.76 -0.27 0.00	33.57 -0.27 0.00	33.46 -0.23 0.00	34.74 -0.24 0.00	39.72 -0.16 0.00	56.88 0.00 0.00	64.93 -0.06 0.00	51.42 -0.05 0.00	41.37 -0.04 0.00	39.10 0.00 0.00	36.35 -0.29 0.00	38.88 0.04 0.00	38.91 0.04 0.00	41.47 0.04 0.00	49.93 0.15 0.00	70.39 -0.07 0.00	85.40 0.26 0.00	82.31 0.33 0.00	70.17 0.35 0.00	59.65 0.42 0.00	51.90 0.41 0.00	46.12 0.50 0.00	44.35 0.44 0.00
ST_LAW_115_BK8_LBMP 345038	36.56 -0.30 0.00	33.76 -0.27 0.00	33.57 -0.27 0.00	33.46 -0.23 0.00	34.74 -0.24 0.00	39.72 -0.16 0.00	56.88 0.00 0.00	64.93 -0.06 0.00	51.42 -0.05 0.00	41.37 -0.04 0.00	39.10 0.00 0.00	36.35 -0.29 0.00	38.88 0.04 0.00	38.91 0.04 0.00	41.47 0.04 0.00	49.93 0.15 0.00	70.39 -0.07 0.00	85.40 0.26 0.00	82.31 0.33 0.00	70.17 0.35 0.00	59.65 0.42 0.00	51.90 0.41 0.00	46.12 0.50 0.00	44.35 0.44 0.00
ST_LAW_230_BK5_LBMP 345035	36.52 -0.33 0.00	33.73 -0.31 0.00	33.53 -0.31 0.00	33.42 -0.27 0.00	34.70 -0.28 0.00	39.68 -0.20 0.00	56.82 -0.06 0.00	64.87 -0.13 0.00	51.36 -0.10 0.00	41.33 -0.08 0.00	39.06 -0.04 0.00	36.35 -0.29 0.00	38.84 0.00 0.00	38.87 0.00 0.00	41.43 0.00 0.00	49.88 0.10 0.00	70.39 -0.07 0.00	85.31 0.17 0.00	82.23 0.25 0.00	70.09 0.28 0.00	59.53 0.30 0.00	51.80 0.31 0.00	46.03 0.41 0.00	44.26 0.35 0.00
ST_LAW_230_BK6_LBMP 345036	36.52 -0.33 0.00	33.73 -0.31 0.00	33.53 -0.31 0.00	33.42 -0.27 0.00	34.70 -0.28 0.00	39.68 -0.20 0.00	56.82 -0.06 0.00	64.87 -0.13 0.00	51.36 -0.10 0.00	41.33 -0.08 0.00	39.06 -0.04 0.00	36.35 -0.29 0.00	38.84 0.00 0.00	38.87 0.00 0.00	41.43 0.00 0.00	49.88 0.10 0.00	70.39 -0.07 0.00	85.31 0.17 0.00	82.23 0.25 0.00	70.09 0.28 0.00	59.53 0.30 0.00	51.80 0.31 0.00	46.03 0.41 0.00	44.26 0.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.77 1.92 0.00	35.70 1.67 0.00	35.36 1.52 0.00	35.21 1.52 0.00	36.56 1.57 0.00	41.79 1.91 0.00	59.61 2.73 0.00	68.05 3.05 0.00	53.83 2.37 0.00	43.35 1.95 0.00	40.97 1.88 0.00	38.55 1.91 0.00	40.74 1.90 0.00	40.77 1.90 0.00	43.50 2.07 0.00	52.02 2.24 0.00	73.63 3.17 0.00	89.14 4.00 0.00	85.59 3.61 0.00	72.68 2.86 0.00	61.60 2.37 0.00	53.70 2.21 0.00	47.49 1.87 0.00	45.54 1.62 0.00
SWANROAD_115KV_TB1 355699	34.24 -2.62 0.00	31.41 -2.62 0.00	31.47 -2.37 0.00	31.33 -2.36 0.00	33.06 -1.92 0.00	36.01 -3.87 0.00	50.11 -6.77 0.00	57.72 -7.28 0.00	45.81 -5.66 0.00	38.14 -3.27 0.00	36.59 -2.50 0.00	34.49 -2.16 0.00	35.77 -3.07 0.00	35.76 -3.11 0.00	37.99 -3.44 0.00	44.65 -5.13 0.00	63.63 -6.83 0.00	76.03 -9.11 0.00	73.54 -8.44 0.00	63.04 -6.77 0.00	52.77 -6.46 0.00	46.65 -4.84 0.00	41.56 -4.06 0.00	40.31 -3.60 0.00
SYNERGY___BIOGAS 323694	35.42 -1.44 0.00	32.47 -1.57 0.00	32.52 -1.32 0.00	32.38 -1.31 0.00	34.14 -0.84 0.00	37.88 -1.99 0.00	53.13 -3.75 0.00	61.16 -3.83 0.00	48.53 -2.93 0.00	40.00 -1.41 0.00	38.28 -0.82 0.00	36.03 -0.62 0.00	37.52 -1.32 0.00	37.47 -1.40 0.00	39.77 -1.66 0.00	46.94 -2.84 0.00	67.01 -3.45 0.00	80.54 -4.60 0.00	77.88 -4.10 0.00	66.74 -3.07 0.00	55.68 -3.55 0.00	49.07 -2.42 0.00	43.61 -2.01 0.00	42.11 -1.80 0.00
SYRACUSE___ENERGY_ST1 323597	36.41 -0.44 0.00	33.62 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.67 -0.31 0.00	39.44 -0.44 0.00	56.14 -0.74 0.00	64.28 -0.71 0.00	51.00 -0.46 0.00	41.12 -0.29 0.00	38.86 -0.23 0.00	36.54 -0.11 0.00	38.53 -0.31 0.00	38.56 -0.31 0.00	41.06 -0.37 0.00	49.23 -0.55 0.00	69.69 -0.78 0.00	84.20 -0.94 0.00	81.00 -0.98 0.00	69.05 -0.77 0.00	58.40 -0.83 0.00	50.92 -0.57 0.00	45.02 -0.59 0.00	43.30 -0.61 0.00
SYRACUSE___ENERGY_ST2 323598	36.41 -0.44 0.00	33.62 -0.41 0.00	33.50 -0.34 0.00	33.32 -0.37 0.00	34.67 -0.31 0.00	39.44 -0.44 0.00	56.14 -0.74 0.00	64.28 -0.71 0.00	51.00 -0.46 0.00	41.12 -0.29 0.00	38.86 -0.23 0.00	36.54 -0.11 0.00	38.53 -0.31 0.00	38.56 -0.31 0.00	41.06 -0.37 0.00	49.23 -0.55 0.00	69.69 -0.78 0.00	84.20 -0.94 0.00	81.00 -0.98 0.00	69.05 -0.77 0.00	58.40 -0.83 0.00	50.92 -0.57 0.00	45.02 -0.59 0.00	43.30 -0.61 0.00
SYRACUSE___POWER 24017	36.38 -0.48 0.00	33.59 -0.44 0.00	33.47 -0.37 0.00	33.29 -0.40 0.00	34.63 -0.35 0.00	39.40 -0.48 0.00	56.08 -0.80 0.00	64.22 -0.78 0.00	50.95 -0.51 0.00	41.08 -0.33 0.00	38.78 -0.31 0.00	36.50 -0.15 0.00	38.45 -0.39 0.00	38.52 -0.35 0.00	41.01 -0.41 0.00	49.13 -0.65 0.00	69.62 -0.85 0.00	84.12 -1.02 0.00	80.92 -1.07 0.00	68.98 -0.84 0.00	58.34 -0.89 0.00	50.87 -0.62 0.00	44.98 -0.64 0.00	43.25 -0.66 0.00
TALLMAN_138KV_BK151 55660	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.73 1.75 0.00	41.99 2.11 0.00	59.90 3.01 0.00	68.44 3.44 0.00	54.14 2.68 0.00	43.64 2.24 0.00	41.29 2.19 0.00	38.85 2.20 0.00	41.06 2.21 0.00	41.08 2.22 0.00	43.79 2.36 0.00	52.32 2.54 0.00	73.99 3.52 0.00	89.57 4.43 0.00	86.00 4.02 0.00	73.03 3.21 0.00	61.84 2.61 0.00	53.91 2.42 0.00	47.67 2.05 0.00	45.67 1.76 0.00
TEALLAVE_115KV_TB7 355573	36.27 -0.59 0.00	33.49 -0.54 0.00	33.33 -0.51 0.00	33.15 -0.54 0.00	34.53 -0.45 0.00	39.24 -0.64 0.00	55.80 -1.08 0.00	63.89 -1.10 0.00	50.69 -0.77 0.00	40.91 -0.50 0.00	38.67 -0.43 0.00	36.39 -0.26 0.00	38.34 -0.50 0.00	38.36 -0.51 0.00	40.85 -0.58 0.00	48.93 -0.85 0.00	69.33 -1.13 0.00	83.61 -1.53 0.00	80.42 -1.56 0.00	68.56 -1.26 0.00	57.99 -1.24 0.00	50.61 -0.88 0.00	44.75 -0.87 0.00	43.03 -0.88 0.00
TELGRAPH_34_KV_EAST 80808	34.87 -1.99 0.00	31.96 -2.08 0.00	32.01 -1.83 0.00	31.90 -1.79 0.00	33.62 -1.36 0.00	37.04 -2.83 0.00	51.76 -5.12 0.00	59.67 -5.33 0.00	47.30 -4.17 0.00	39.17 -2.24 0.00	37.57 -1.52 0.00	35.40 -1.25 0.00	36.78 -2.06 0.00	36.73 -2.14 0.00	39.03 -2.40 0.00	46.00 -3.78 0.00	65.60 -4.86 0.00	78.58 -6.56 0.00	76.00 -5.98 0.00	65.14 -4.68 0.00	54.43 -4.80 0.00	48.04 -3.45 0.00	42.74 -2.87 0.00	41.32 -2.59 0.00
TEMPLE___115KV_TB 2 55572	36.27 -0.59 0.00	33.49 -0.54 0.00	33.33 -0.51 0.00	33.18 -0.51 0.00	34.53 -0.45 0.00	39.24 -0.64 0.00	55.86 -1.02 0.00	63.96 -1.04 0.00	50.75 -0.72 0.00	40.91 -0.50 0.00	38.71 -0.39 0.00	36.39 -0.26 0.00	38.38 -0.47 0.00	38.40 -0.47 0.00	40.89 -0.54 0.00	48.98 -0.80 0.00	69.33 -1.13 0.00	83.69 -1.45 0.00	80.51 -1.48 0.00	68.63 -1.19 0.00	58.05 -1.18 0.00	50.61 -0.88 0.00	44.80 -0.82 0.00	43.08 -0.83 0.00
TIANA___69_KV_BK 1 55817	39.14 2.29 0.00	36.11 2.08 0.00	35.46 1.62 0.00	35.21 1.52 0.00	36.63 1.64 0.00	41.71 1.83 0.00	58.59 1.71 0.00	65.26 0.26 0.00	44.71 0.15 0.00	35.10 1.90 0.00	37.12 2.03 0.00	37.77 2.05 0.93	37.34 2.14 3.64	41.06 2.14 -0.06	43.97 2.49 -0.06	50.73 0.95 0.00	72.36 1.90 0.00	87.27 2.13 0.00	84.36 2.38 0.00	72.81 3.00 0.00	61.12 1.90 0.00	53.29 1.80 0.00	46.16 0.55 0.00	44.57 0.66 0.00

TILDEN___115KV_TB1 80814	36.38 -0.48 0.00	33.59 -0.44 0.00	33.47 -0.37 0.00	33.29 -0.40 0.00	34.63 -0.35 0.00	39.40 -0.48 0.00	56.08 -0.80 0.00	64.22 -0.78 0.00	50.95 -0.51 0.00	41.08 -0.33 0.00	38.78 -0.31 0.00	36.50 -0.15 0.00	38.45 -0.39 0.00	38.52 -0.35 0.00	41.01 -0.41 0.00	49.13 -0.65 0.00	69.62 -0.85 0.00	84.12 -1.02 0.00	80.92 -1.07 0.00	68.98 -0.84 0.00	58.34 -0.89 0.00	50.87 -0.62 0.00	44.98 -0.64 0.00	43.25 -0.66 0.00
TRIGEN___CC 323695	39.25 2.40 0.00	36.07 2.04 0.00	35.56 1.73 0.00	35.37 1.68 0.00	36.77 1.78 0.00	41.91 2.03 0.00	59.50 2.62 0.00	67.53 2.53 0.00	52.00 2.01 1.47	43.56 3.23 1.08	42.39 3.36 0.06	40.16 3.30 -0.21	42.32 3.38 -0.10	42.35 3.38 -0.10	45.13 3.65 -0.06	52.32 2.54 0.00	74.43 3.95 -0.02	89.40 4.26 0.00	86.16 4.18 0.00	74.44 4.61 -0.02	62.69 3.44 -0.02	54.65 3.14 -0.02	47.58 1.96 0.00	45.76 1.84 0.00
TRINITY___115KV__4 BK 55933	37.78 0.92 0.00	34.95 0.92 0.00	34.68 0.85 0.00	34.53 0.84 0.00	35.75 0.77 0.00	40.71 0.84 0.00	58.02 1.14 0.00	66.23 1.23 0.00	52.19 0.72 0.00	41.82 0.41 0.00	39.25 0.16 0.00	37.01 0.37 0.00	39.11 0.27 0.00	39.14 0.27 0.00	41.76 0.33 0.00	50.33 0.55 0.00	71.45 0.99 0.00	86.08 0.94 0.00	82.88 0.90 0.00	70.44 0.63 0.00	59.94 0.71 0.00	51.85 0.36 0.00	45.85 0.23 0.00	44.35 0.44 0.00
UNION___PROCESSING_DRP 323587	35.60 -1.25 0.00	32.70 -1.33 0.00	32.65 -1.18 0.00	32.51 -1.18 0.00	34.11 -0.87 0.00	38.32 -1.56 0.00	54.04 -2.84 0.00	62.01 -2.99 0.00	49.25 -2.21 0.00	40.29 -1.12 0.00	38.43 -0.66 0.00	36.17 -0.48 0.00	37.87 -0.97 0.00	37.82 -1.05 0.00	40.23 -1.20 0.00	47.74 -2.04 0.00	67.78 -2.68 0.00	81.48 -3.66 0.00	78.46 -3.53 0.00	67.09 -2.72 0.00	56.27 -2.96 0.00	49.38 -2.11 0.00	43.84 -1.78 0.00	42.29 -1.62 0.00
UPPER HUDSON___HYD 24058	38.00 1.14 0.00	35.19 1.16 0.00	34.95 1.12 0.00	34.77 1.08 0.00	36.03 1.05 0.00	41.27 1.39 0.00	58.76 1.87 0.00	67.21 2.21 0.00	52.29 0.82 0.00	41.82 0.41 0.00	39.25 0.16 0.00	36.91 0.26 0.00	39.00 0.16 0.00	38.91 0.04 0.00	41.64 0.21 0.00	50.42 0.65 0.00	72.22 1.76 0.00	87.27 2.13 0.00	84.20 2.21 0.00	71.42 1.61 0.00	60.89 1.66 0.00	52.62 1.13 0.00	46.53 0.91 0.00	45.01 1.10 0.00
UPPER RAQUET___HYD 24056	37.04 0.19 0.00	34.24 0.21 0.00	34.08 0.24 0.00	33.96 0.27 0.00	35.26 0.28 0.00	40.43 0.56 0.00	57.91 1.02 0.00	66.04 1.04 0.00	52.24 0.77 0.00	41.91 0.50 0.00	39.64 0.55 0.00	36.80 0.15 0.00	39.38 0.54 0.00	39.34 0.47 0.00	41.88 0.46 0.00	50.48 0.70 0.00	70.96 0.50 0.00	85.99 0.85 0.00	83.13 1.15 0.00	71.14 1.32 0.00	60.48 1.25 0.00	53.03 1.54 0.00	47.31 1.69 0.00	45.41 1.49 0.00
VALLEY44_115KV_TB2 355964	34.24 -2.62 0.00	31.48 -2.55 0.00	31.50 -2.33 0.00	31.40 -2.29 0.00	33.09 -1.89 0.00	36.80 -3.07 0.00	51.88 -5.01 0.00	59.99 -5.00 0.00	47.30 -4.17 0.00	39.17 -2.24 0.00	37.53 -1.56 0.00	35.40 -1.25 0.00	36.78 -2.06 0.00	36.73 -2.14 0.00	38.94 -2.49 0.00	45.70 -4.08 0.00	65.46 -5.00 0.00	78.92 -6.22 0.00	76.33 -5.66 0.00	65.35 -4.47 0.00	54.79 -4.44 0.00	48.19 -3.30 0.00	43.02 -2.60 0.00	41.28 -2.63 0.00
VALLEY___115KV_TB 1-4 80826	37.52 0.66 0.00	34.71 0.68 0.00	34.55 0.71 0.00	34.40 0.71 0.00	35.68 0.70 0.00	40.75 0.88 0.00	58.08 1.19 0.00	66.36 1.36 0.00	52.50 1.03 0.00	42.15 0.75 0.00	39.92 0.82 0.00	37.45 0.81 0.00	39.62 0.78 0.00	39.65 0.78 0.00	42.26 0.83 0.00	51.12 1.34 0.00	72.65 2.18 0.00	87.78 2.64 0.00	84.77 2.79 0.00	72.33 2.51 0.00	61.36 2.13 0.00	53.39 1.91 0.00	47.40 1.78 0.00	45.67 1.76 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.22 1.36 0.00	35.33 1.29 0.00	35.16 1.32 0.00	34.97 1.28 0.00	36.31 1.33 0.00	41.51 1.63 0.00	59.16 2.28 0.00	67.60 2.60 0.00	53.47 2.01 0.00	42.94 1.53 0.00	40.70 1.60 0.00	38.22 1.58 0.00	40.39 1.55 0.00	40.35 1.48 0.00	42.88 1.45 0.00	51.77 1.99 0.00	73.63 3.17 0.00	88.72 3.58 0.00	85.51 3.53 0.00	72.89 3.07 0.00	61.66 2.43 0.00	53.70 2.21 0.00	47.44 1.82 0.00	45.62 1.71 0.00
VISCHER___FERRY HYD 24020	38.14 1.29 0.00	35.26 1.22 0.00	35.02 1.18 0.00	34.84 1.15 0.00	36.10 1.12 0.00	41.23 1.36 0.00	58.76 1.87 0.00	67.08 2.08 0.00	52.60 1.13 0.00	42.07 0.66 0.00	39.45 0.35 0.00	37.20 0.55 0.00	39.31 0.47 0.00	39.37 0.50 0.00	42.01 0.58 0.00	50.77 1.00 0.00	72.15 1.69 0.00	87.01 1.87 0.00	83.78 1.80 0.00	71.21 1.40 0.00	60.59 1.36 0.00	52.36 0.87 0.00	46.30 0.69 0.00	44.84 0.92 0.00
V_A_10_SYNC_DSASP 323832	34.79 -2.06 0.00	31.96 -2.08 0.00	31.94 -1.89 0.00	31.80 -1.89 0.00	33.48 -1.50 0.00	37.16 -2.71 0.00	51.93 -4.95 0.00	59.73 -5.26 0.00	47.40 -4.07 0.00	39.17 -2.24 0.00	37.49 -1.60 0.00	35.33 -1.32 0.00	36.78 -2.06 0.00	36.77 -2.10 0.00	39.07 -2.36 0.00	46.10 -3.68 0.00	65.53 -4.93 0.00	78.41 -6.73 0.00	75.67 -6.31 0.00	64.86 -4.96 0.00	54.37 -4.86 0.00	47.94 -3.55 0.00	42.61 -3.01 0.00	41.28 -2.63 0.00
V_CMM_10_SYNC_DSASP 323787	36.71 -0.15 0.00	33.90 -0.14 0.00	33.70 -0.14 0.00	33.59 -0.10 0.00	34.88 -0.10 0.00	39.92 0.04 0.00	57.11 0.23 0.00	65.19 0.19 0.00	51.62 0.15 0.00	41.53 0.12 0.00	39.29 0.20 0.00	36.50 -0.15 0.00	39.04 0.19 0.00	39.06 0.19 0.00	41.64 0.21 0.00	50.13 0.35 0.00	70.74 0.28 0.00	85.82 0.68 0.00	82.72 0.74 0.00	70.51 0.70 0.00	60.06 0.83 0.00	52.16 0.67 0.00	46.35 0.73 0.00	44.57 0.66 0.00
V_CMP_10_SYNC_DSASP 323788	35.93 -0.92 0.00	33.11 -0.92 0.00	32.92 -0.91 0.00	32.85 -0.84 0.00	34.14 -0.84 0.00	39.12 -0.76 0.00	56.14 -0.74 0.00	64.02 -0.97 0.00	50.69 -0.77 0.00	40.75 -0.66 0.00	38.55 -0.55 0.00	35.81 -0.84 0.00	38.34 -0.50 0.00	38.40 -0.47 0.00	41.01 -0.41 0.00	49.23 -0.55 0.00	69.19 -1.27 0.00	84.12 -1.02 0.00	81.33 -0.66 0.00	69.33 -0.49 0.00	59.17 -0.06 0.00	51.59 0.10 0.00	46.35 0.73 0.00	44.57 0.66 0.00
V_D_10_SYNC_DSASP 323841	37.00 0.15 0.00	34.17 0.14 0.00	33.97 0.14 0.00	33.89 0.20 0.00	35.19 0.21 0.00	40.27 0.40 0.00	57.68 0.80 0.00	65.71 0.71 0.00	52.08 0.62 0.00	41.86 0.46 0.00	39.60 0.51 0.00	36.80 0.15 0.00	39.35 0.50 0.00	39.37 0.51 0.00	41.97 0.54 0.00	50.53 0.75 0.00	71.24 0.78 0.00	86.42 1.28 0.00	83.38 1.39 0.00	71.14 1.33 0.00	60.59 1.36 0.00	52.67 1.18 0.00	46.85 1.23 0.00	45.05 1.14 0.00
V_E_10_SYNC_DSASP 323830	37.67 0.81 0.00	34.95 0.92 0.00	34.92 1.08 0.00	34.77 1.08 0.00	36.38 1.40 0.00	41.83 1.95 0.00	59.67 2.79 0.00	68.25 3.25 0.00	53.83 2.37 0.00	42.94 1.53 0.00	40.78 1.68 0.00	38.22 1.58 0.00	40.36 1.51 0.00	40.31 1.44 0.00	42.80 1.37 0.00	52.32 2.54 0.00	75.39 4.93 0.00	91.52 6.39 0.00	88.46 6.48 0.00	75.75 5.93 0.00	63.85 4.62 0.00	55.56 4.07 0.00	48.99 3.38 0.00	46.90 2.99 0.00

V_F_30_NSYNC___DSASP 323816	38.33 1.47 0.00	35.50 1.46 0.00	35.26 1.42 0.00	35.07 1.38 0.00	36.35 1.36 0.00	41.55 1.67 0.00	59.21 2.33 0.00	67.66 2.66 0.00	52.96 1.49 0.00	42.28 0.87 0.00	39.64 0.55 0.00	37.34 0.70 0.00	39.46 0.62 0.00	39.45 0.58 0.00	42.17 0.75 0.00	51.07 1.29 0.00	72.93 2.47 0.00	88.03 2.89 0.00	84.85 2.87 0.00	72.05 2.23 0.00	61.36 2.13 0.00	52.98 1.49 0.00	46.85 1.23 0.00	45.32 1.41 0.00
V_F_30_SYNC_DSASP 323786	37.89 1.03 0.00	35.05 1.02 0.00	34.82 0.98 0.00	34.63 0.94 0.00	35.86 0.87 0.00	40.87 1.00 0.00	58.19 1.31 0.00	66.49 1.49 0.00	52.34 0.87 0.00	41.95 0.54 0.00	39.41 0.31 0.00	37.12 0.48 0.00	39.23 0.39 0.00	39.26 0.39 0.00	41.88 0.46 0.00	50.53 0.75 0.00	71.73 1.27 0.00	86.50 1.36 0.00	83.29 1.31 0.00	70.72 0.91 0.00	60.18 0.95 0.00	52.05 0.57 0.00	46.03 0.41 0.00	44.48 0.57 0.00
V_XM_10_SYNC_DSASP 323789	35.93 -0.92 0.00	33.11 -0.92 0.00	32.92 -0.91 0.00	32.85 -0.84 0.00	34.14 -0.84 0.00	39.12 -0.76 0.00	56.14 -0.74 0.00	64.02 -0.97 0.00	50.69 -0.77 0.00	40.75 -0.66 0.00	38.55 -0.55 0.00	35.81 -0.84 0.00	38.34 -0.50 0.00	38.40 -0.47 0.00	41.01 -0.41 0.00	49.23 -0.55 0.00	69.19 -1.27 0.00	84.12 -1.02 0.00	81.33 -0.66 0.00	69.33 -0.49 0.00	59.17 -0.06 0.00	51.59 0.10 0.00	46.35 0.73 0.00	44.57 0.66 0.00
W.BABYLN_69_KV_BK1 56697	39.69 2.84 0.00	36.45 2.42 0.00	35.87 2.03 0.00	35.68 1.99 0.00	37.12 2.13 0.00	42.23 2.35 0.00	59.90 3.01 0.00	67.73 2.73 0.00	47.46 1.75 5.76	40.55 3.35 4.21	42.27 3.56 0.38	40.28 3.52 -0.12	42.22 3.57 0.20	42.62 3.65 -0.09	45.51 4.02 -0.06	52.62 2.84 0.00	75.11 4.65 0.00	90.42 5.28 0.00	87.31 5.33 0.00	75.40 5.59 0.00	63.38 4.15 0.00	55.25 3.76 0.00	47.99 2.37 0.00	46.19 2.28 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.14 2.29 0.00	36.01 1.97 0.00	35.63 1.79 0.00	35.51 1.82 0.00	36.84 1.85 0.00	42.15 2.27 0.00	60.18 3.30 0.00	68.70 3.70 0.00	54.35 2.88 0.00	43.81 2.40 0.00	41.40 2.31 0.00	38.99 2.35 0.00	41.17 2.33 0.00	41.20 2.33 0.00	43.95 2.53 0.00	52.52 2.74 0.00	74.34 3.88 0.00	90.08 4.94 0.00	86.41 4.43 0.00	73.37 3.56 0.00	62.13 2.90 0.00	54.22 2.73 0.00	47.90 2.28 0.00	45.89 1.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.48 2.62 0.00	36.28 2.25 0.00	35.91 2.06 0.00	35.75 2.06 0.00	37.09 2.10 0.00	42.43 2.55 0.00	60.53 3.64 0.00	69.23 4.22 -0.01	54.82 3.35 -0.01	48.79 2.94 -4.45	42.59 2.81 -0.68	43.18 2.82 -3.71	43.56 2.84 -1.89	43.54 2.88 -1.79	45.71 3.11 -1.18	53.02 3.24 0.00	74.83 4.37 0.00	90.59 5.45 0.00	86.90 4.92 0.00	73.79 3.98 0.00	62.49 3.26 0.00	54.47 2.99 0.00	48.13 2.51 0.00	46.11 2.20 0.00
W50THST__13_KV_LOAD 356117	39.62 2.76 0.00	36.42 2.38 0.00	36.01 2.17 0.00	35.85 2.16 0.00	37.23 2.24 0.00	42.55 2.67 0.00	60.75 3.87 0.00	69.49 4.48 -0.01	55.08 3.60 -0.01	49.04 3.19 -4.45	42.86 3.09 -0.68	43.40 3.04 -3.71	43.84 3.11 -1.89	43.77 3.11 -1.79	45.96 3.36 -1.18	53.26 3.48 0.00	75.25 4.79 0.00	91.01 5.87 0.00	87.31 5.33 0.00	74.07 4.26 0.00	62.78 3.55 0.00	54.68 3.19 0.00	48.31 2.69 0.00	46.28 2.37 0.00
WADING RIVER_IC_1 23522	38.84 1.99 0.00	35.90 1.87 0.00	35.26 1.42 0.00	35.04 1.35 0.00	36.21 1.22 0.00	41.19 1.31 0.00	58.19 1.31 0.00	64.60 -0.39 0.01	44.09 -0.46 6.91	34.76 1.57 8.22	36.64 1.57 4.02	37.32 1.61 0.94	36.94 1.75 3.65	40.63 1.71 -0.06	43.60 2.11 -0.06	50.23 0.45 0.00	71.58 1.12 0.00	86.50 1.36 0.00	83.62 1.64 0.00	71.98 2.17 0.00	60.47 1.25 0.00	52.46 0.98 0.00	45.66 0.05 0.00	43.74 -0.17 0.00
WADING RIVER_IC_2 23547	38.84 1.99 0.00	35.90 1.87 0.00	35.26 1.42 0.00	35.04 1.35 0.00	36.21 1.22 0.00	41.19 1.31 0.00	58.19 1.31 0.00	64.60 -0.39 0.01	44.09 -0.46 6.91	34.76 1.57 8.22	36.64 1.57 4.02	37.32 1.61 0.94	36.94 1.75 3.65	40.63 1.71 -0.06	43.60 2.11 -0.06	50.23 0.45 0.00	71.58 1.12 0.00	86.50 1.36 0.00	83.62 1.64 0.00	71.98 2.17 0.00	60.47 1.25 0.00	52.46 0.98 0.00	45.66 0.05 0.00	43.74 -0.17 0.00
WADING RIVER_IC_3 23601	38.84 1.99 0.00	35.90 1.87 0.00	35.26 1.42 0.00	35.04 1.35 0.00	36.21 1.22 0.00	41.19 1.31 0.00	58.19 1.31 0.00	64.60 -0.39 0.01	44.09 -0.46 6.91	34.76 1.57 8.22	36.64 1.57 4.02	37.32 1.61 0.94	36.94 1.75 3.65	40.63 1.71 -0.06	43.60 2.11 -0.06	50.23 0.45 0.00	71.58 1.12 0.00	86.50 1.36 0.00	83.62 1.64 0.00	71.98 2.17 0.00	60.47 1.25 0.00	52.46 0.98 0.00	45.66 0.05 0.00	43.74 -0.17 0.00
WALDENNY_12_KV_BK2 80841	34.42 -2.43 0.00	31.58 -2.45 0.00	31.67 -2.17 0.00	31.57 -2.12 0.00	33.27 -1.71 0.00	36.68 -3.19 0.00	51.25 -5.63 0.00	59.21 -5.78 0.00	46.89 -4.58 0.00	39.01 -2.40 0.00	37.42 -1.68 0.00	35.29 -1.36 0.00	36.63 -2.21 0.00	36.65 -2.22 0.00	38.94 -2.49 0.00	45.80 -3.98 0.00	65.46 -5.00 0.00	78.50 -6.64 0.00	75.92 -6.07 0.00	65.07 -4.75 0.00	54.43 -4.80 0.00	48.04 -3.45 0.00	42.79 -2.83 0.00	41.32 -2.59 0.00
WALDEN___HYDRO 24148	38.88 2.03 0.00	35.80 1.77 0.00	35.46 1.62 0.00	35.34 1.65 0.00	36.66 1.68 0.00	41.91 2.03 0.00	59.84 2.96 0.00	68.31 3.31 0.00	53.99 2.52 0.00	43.44 2.03 0.00	41.05 1.95 0.00	38.63 1.98 0.00	40.82 1.98 0.00	40.85 1.98 0.00	43.58 2.15 0.00	52.17 2.39 0.00	73.91 3.45 0.00	89.57 4.43 0.00	86.00 4.02 0.00	73.03 3.21 0.00	61.84 2.61 0.00	53.96 2.47 0.00	47.67 2.05 0.00	45.71 1.80 0.00
WARRENSBURG____ 23737	38.00 1.14 0.00	35.19 1.16 0.00	34.95 1.12 0.00	34.77 1.08 0.00	36.03 1.05 0.00	41.27 1.40 0.00	58.76 1.88 0.00	67.21 2.21 0.00	52.39 0.93 0.00	41.82 0.41 0.00	39.25 0.16 0.00	36.91 0.26 0.00	39.00 0.16 0.00	38.91 0.04 0.00	41.59 0.17 0.00	50.43 0.65 0.00	72.22 1.76 0.00	87.27 2.13 0.00	84.20 2.21 0.00	71.42 1.61 0.00	60.95 1.72 0.00	52.57 1.08 0.00	46.53 0.91 0.00	45.01 1.10 0.00
WATERSIDE___6 8 9 23538	39.55 2.69 -0.01	36.46 2.42 -0.01	36.08 2.23 -0.01	35.92 2.22 -0.01	37.26 2.27 -0.01	42.55 2.67 -0.01	60.47 3.58 -0.01	69.04 4.03 -0.02	54.78 3.29 -0.02	51.16 2.69 -7.06	42.79 2.62 -1.08	45.14 2.60 -5.89	44.54 2.64 -3.05	44.41 2.64 -2.90	46.16 2.86 -1.87	53.02 3.24 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.82 4.84 0.00	73.58 3.77 0.00	62.43 3.20 0.00	54.58 3.09 0.00	48.36 2.74 -0.01	46.38 2.46 -0.01
WATKINRD_115KV_LN8_ILLION 55919	37.41 0.55 0.00	34.61 0.58 0.00	34.41 0.58 0.00	34.26 0.57 0.00	35.54 0.56 0.00	40.55 0.68 0.00	57.85 0.97 0.00	66.04 1.04 0.00	52.24 0.77 0.00	41.99 0.58 0.00	39.72 0.63 0.00	37.27 0.62 0.00	39.42 0.58 0.00	39.45 0.58 0.00	42.05 0.62 0.00	50.78 1.00 0.00	72.08 1.62 0.00	87.10 1.96 0.00	83.95 1.97 0.00	71.63 1.82 0.00	60.71 1.48 0.00	52.78 1.29 0.00	46.80 1.19 0.00	45.10 1.19 0.00

WDELAWARE___HYD 323627	39.03 2.17 0.00	35.94 1.90 0.00	35.60 1.76 0.00	35.47 1.78 0.00	36.84 1.85 0.00	42.11 2.23 0.00	60.29 3.41 0.00	68.70 3.70 0.00	54.19 2.73 0.00	43.56 2.15 0.00	41.09 1.99 0.00	38.66 2.01 0.00	40.86 2.02 0.00	40.89 2.02 0.00	43.62 2.19 0.00	52.37 2.59 0.00	74.48 4.01 0.00	90.33 5.19 0.00	86.74 4.75 0.00	73.65 3.84 0.00	62.37 3.14 0.00	54.47 2.99 0.00	48.08 2.46 0.00	46.02 2.11 0.00
WEST BABYLON___IC 23714	39.69 2.84 0.00	36.45 2.42 0.00	35.87 2.03 0.00	35.68 1.99 0.00	37.12 2.13 0.00	42.23 2.35 0.00	59.90 3.01 0.00	67.73 2.73 0.00	47.46 1.75 5.76	40.55 3.35 4.21	42.27 3.56 0.38	40.28 3.52 -0.12	42.22 3.57 0.20	42.62 3.65 -0.09	45.51 4.02 -0.06	52.62 2.84 0.00	75.11 4.65 0.00	90.42 5.28 0.00	87.31 5.33 0.00	75.40 5.59 0.00	63.38 4.15 0.00	55.25 3.76 0.00	47.99 2.37 0.00	46.19 2.28 0.00
WEST CANADA___HYD 24049	37.00 0.15 0.00	34.20 0.17 0.00	34.01 0.17 0.00	33.83 0.14 0.00	35.12 0.14 0.00	40.04 0.16 0.00	57.05 0.17 0.00	65.19 0.20 0.00	51.57 0.10 0.00	41.49 0.08 0.00	39.14 0.04 0.00	36.76 0.11 0.00	38.92 0.08 0.00	38.91 0.04 0.00	41.47 0.04 0.00	49.93 0.15 0.00	70.74 0.28 0.00	85.40 0.26 0.00	82.23 0.25 0.00	70.02 0.21 0.00	59.41 0.18 0.00	51.64 0.15 0.00	45.71 0.09 0.00	44.00 0.09 0.00
WESTERN_NY_WIND 24143	35.34 -1.51 0.00	32.40 -1.63 0.00	32.48 -1.35 0.00	32.34 -1.35 0.00	34.07 -0.91 0.00	37.76 -2.11 0.00	52.96 -3.92 0.00	61.03 -3.96 0.00	48.38 -3.09 0.00	39.92 -1.49 0.00	38.20 -0.90 0.00	35.95 -0.70 0.00	37.44 -1.40 0.00	37.39 -1.48 0.00	39.69 -1.74 0.00	46.84 -2.94 0.00	66.87 -3.59 0.00	80.37 -4.77 0.00	77.72 -4.26 0.00	66.53 -3.28 0.00	55.56 -3.67 0.00	48.97 -2.52 0.00	43.52 -2.10 0.00	42.02 -1.89 0.00
WESTOVER___LESR 323668	36.78 -0.07 0.00	33.93 -0.10 0.00	33.80 -0.03 0.00	33.66 -0.03 0.00	35.05 0.07 0.00	39.76 -0.12 0.00	56.54 -0.34 0.00	64.80 -0.20 0.00	51.26 -0.21 0.00	41.49 0.08 0.00	39.29 0.20 0.00	36.98 0.33 0.00	38.88 0.04 0.00	38.95 0.08 0.00	41.43 0.00 0.00	49.53 -0.25 0.00	70.32 -0.14 0.00	84.88 -0.26 0.00	81.74 -0.25 0.00	69.74 -0.07 0.00	58.93 -0.30 0.00	51.44 -0.05 0.00	45.57 -0.05 0.00	43.78 -0.13 0.00
WETHRSFD_WT_PWR 323626	33.80 -3.06 0.00	31.07 -2.96 0.00	31.27 -2.57 0.00	31.16 -2.53 0.00	32.78 -2.20 0.00	36.53 -3.35 0.00	51.14 -5.74 0.00	58.96 -6.04 0.00	47.04 -4.43 0.00	38.47 -2.94 0.00	36.91 -2.19 0.00	34.85 -1.79 0.00	36.12 -2.72 0.00	36.11 -2.76 0.00	38.32 -3.11 0.00	45.45 -4.33 0.00	65.04 -5.42 0.00	78.25 -6.89 0.00	75.67 -6.31 0.00	65.00 -4.82 0.00	55.03 -4.20 0.00	48.04 -3.45 0.00	42.79 -2.83 0.00	41.50 -2.42 0.00
WHAVSTOR_138KV_BK127 55557	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.95 2.07 0.00	59.90 3.01 0.00	68.38 3.38 0.00	54.14 2.68 0.00	43.64 2.24 0.00	41.25 2.15 0.00	38.85 2.20 0.00	41.02 2.18 0.00	41.08 2.22 0.00	43.79 2.36 0.00	52.27 2.49 0.00	73.99 3.52 0.00	89.48 4.34 0.00	85.92 3.94 0.00	72.96 3.14 0.00	61.84 2.61 0.00	53.91 2.42 0.00	47.62 2.01 0.00	45.67 1.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.99 2.14 0.00	35.90 1.87 0.00	35.53 1.69 0.00	35.37 1.68 0.00	36.70 1.71 0.00	41.95 2.07 0.00	59.90 3.01 0.00	68.38 3.38 0.00	54.14 2.68 0.00	43.64 2.24 0.00	41.25 2.15 0.00	38.85 2.20 0.00	41.02 2.18 0.00	41.08 2.22 0.00	43.79 2.36 0.00	52.27 2.49 0.00	73.99 3.52 0.00	89.48 4.34 0.00	85.92 3.94 0.00	72.96 3.14 0.00	61.84 2.61 0.00	53.91 2.42 0.00	47.62 2.01 0.00	45.67 1.76 0.00
WHITEHAL_115KV_TB1 80871	38.51 1.66 0.00	35.73 1.70 0.00	35.50 1.66 0.00	35.27 1.58 0.00	36.59 1.61 0.00	41.99 2.11 0.00	59.84 2.96 0.00	68.44 3.44 0.00	53.06 1.60 0.00	42.28 0.87 0.00	39.60 0.51 0.00	37.23 0.59 0.00	39.35 0.50 0.00	39.26 0.39 0.00	42.01 0.58 0.00	51.02 1.24 0.00	73.42 2.96 0.00	88.89 3.75 0.00	85.92 3.94 0.00	72.89 3.07 0.00	62.13 2.90 0.00	53.55 2.06 0.00	47.26 1.64 0.00	45.71 1.80 0.00
WHITEPLN_13_KV_LOAD 356215	39.40 2.54 0.00	36.24 2.21 0.00	35.83 2.00 0.00	35.71 2.02 0.00	37.05 2.06 0.00	42.35 2.47 0.00	60.52 3.64 0.00	69.16 4.16 0.00	54.86 3.40 0.00	44.34 2.73 -0.19	41.82 2.70 -0.03	39.49 2.68 -0.16	41.64 2.72 -0.08	41.67 2.72 -0.08	44.42 2.94 -0.05	53.06 3.29 0.00	75.11 4.65 0.00	90.76 5.62 0.00	87.15 5.16 0.00	73.93 4.12 0.00	62.61 3.38 0.00	54.53 3.04 0.00	48.13 2.51 0.00	46.15 2.24 0.00
WM_FLOYD_69_KV_BK2 356380	39.14 2.29 0.00	36.07 2.04 0.00	35.43 1.59 0.00	35.21 1.52 0.00	36.63 1.64 0.00	41.71 1.83 0.00	58.70 1.82 0.00	65.65 0.65 0.00	45.00 0.46 6.93	35.40 2.15 8.16	37.43 2.31 3.97	38.07 2.35 0.92	37.61 2.37 3.60	41.34 2.41 -0.06	44.26 2.78 -0.06	50.97 1.19 0.00	72.64 2.18 0.00	87.61 2.47 0.00	84.69 2.71 0.00	73.09 3.28 0.00	61.42 2.19 0.00	53.54 2.06 0.00	46.48 0.87 0.00	44.79 0.88 0.00
WOODARD___115KV_TB2 355635	36.19 -0.66 0.00	33.45 -0.58 0.00	33.30 -0.54 0.00	33.12 -0.57 0.00	34.46 -0.52 0.00	39.20 -0.68 0.00	55.74 -1.14 0.00	63.83 -1.17 0.00	50.64 -0.82 0.00	40.83 -0.58 0.00	38.59 -0.51 0.00	36.32 -0.33 0.00	38.26 -0.58 0.00	38.32 -0.54 0.00	40.77 -0.66 0.00	48.88 -0.90 0.00	69.26 -1.20 0.00	83.52 -1.62 0.00	80.42 -1.56 0.00	68.49 -1.33 0.00	57.93 -1.30 0.00	50.56 -0.93 0.00	44.71 -0.91 0.00	42.99 -0.92 0.00
WOODMERE_69_KV_BK1 55827	39.40 2.54 0.00	36.21 2.18 0.00	35.70 1.86 0.00	35.51 1.82 0.00	36.91 1.92 0.00	42.03 2.15 0.00	59.67 2.79 0.00	67.73 2.73 0.00	52.93 2.11 0.64	44.38 3.40 0.42	42.59 3.56 0.06	40.38 3.52 -0.21	42.52 3.57 -0.10	42.54 3.58 -0.10	45.30 3.81 -0.06	52.47 2.69 0.00	74.81 4.30 -0.05	89.65 4.51 0.00	86.41 4.43 0.00	74.83 4.96 -0.05	63.02 3.73 -0.05	54.94 3.40 -0.05	47.72 2.10 0.00	45.93 2.02 0.00
YORK___WARBASSE 23770	39.85 2.99 -0.01	36.70 2.65 -0.01	36.32 2.47 -0.01	36.20 2.49 -0.01	37.55 2.55 -0.01	42.84 2.95 -0.01	60.64 3.75 -0.01	69.11 4.09 -0.02	54.83 3.35 -0.02	49.73 2.44 -5.88	42.35 2.35 -0.90	43.94 2.38 -4.91	44.06 2.41 -2.81	43.95 2.41 -2.67	45.60 2.61 -1.56	53.16 3.39 0.00	74.69 4.23 0.00	90.42 5.28 0.00	86.90 4.92 0.00	73.72 3.91 0.00	62.61 3.38 0.00	54.83 3.35 0.00	48.73 3.10 -0.01	46.73 2.81 -0.01