

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		12/11/2024																										
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	36.59	34.90	34.79	33.57	34.99	37.00	43.14	50.15	50.60	52.30	54.78	54.57	54.98	54.04	52.19	53.01	55.45	59.19	54.31	51.55	49.21	43.41	39.41	38.00			
		2.17	1.82	1.78	1.57	1.67	1.79	2.09	2.88	3.46	3.37	3.35	3.47	3.17	3.23	3.46	3.88	4.15	4.53	4.16	4.17	4.06	3.59	3.09	2.85			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-0.76	-1.50	-2.18	-2.32	-1.81	-1.24	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	36.59	35.00	34.83	33.60	35.02	37.04	43.14	50.11	50.51	52.20	54.68	54.46	54.83	53.94	52.05	52.91	55.40	59.14	54.31	51.55	49.21	43.45	39.45	38.04			
		2.17	1.92	1.82	1.60	1.70	1.83	2.09	2.84	3.37	3.28	3.25	3.38	3.02	3.14	3.32	3.79	4.10	4.48	4.16	4.17	4.06	3.62	3.12	2.88			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-0.76	-1.50	-2.17	-2.31	-1.81	-1.24	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2	24261	36.59	35.00	34.83	33.60	35.02	37.04	43.14	50.11	50.51	52.20	54.68	54.46	54.83	53.94	52.05	52.91	55.40	59.14	54.31	51.55	49.21	43.45	39.45	38.04			
		2.17	1.92	1.82	1.60	1.70	1.83	2.09	2.84	3.37	3.28	3.25	3.38	3.02	3.14	3.32	3.79	4.10	4.48	4.16	4.17	4.06	3.62	3.12	2.88			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-0.76	-1.50	-2.17	-2.31	-1.81	-1.24	-0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS	24011	37.00	35.56	35.39	34.21	35.66	37.81	44.29	51.00	50.94	52.57	54.45	53.63	53.95	53.39	51.41	52.63	55.61	59.52	54.61	51.59	49.07	43.05	39.01	37.68			
		2.58	2.48	2.38	2.21	2.33	2.61	3.24	3.73	4.11	4.24	4.19	4.26	3.96	4.02	3.66	3.98	4.31	4.86	4.46	4.22	3.93	3.23	2.69	2.53			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.16	-0.32	-0.46	-0.49	-0.38	-0.26	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY	23798	37.21	35.76	35.59	34.37	35.86	38.06	44.58	51.38	51.36	52.95	54.80	54.02	54.29	53.73	51.69	52.93	55.91	59.90	54.92	51.93	49.34	43.29	39.19	37.82			
		2.79	2.68	2.58	2.37	2.53	2.85	3.53	4.11	4.53	4.62	4.54	4.65	4.30	4.36	3.94	4.27	4.62	5.25	4.77	4.55	4.20	3.46	2.87	2.67			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.16	-0.32	-0.46	-0.49	-0.38	-0.26	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS	24028	37.00	35.56	35.39	34.21	35.66	37.81	44.29	51.00	50.94	52.57	54.45	53.63	53.95	53.39	51.41	52.63	55.61	59.52	54.61	51.59	49.07	43.05	39.01	37.68			
		2.58	2.48	2.38	2.21	2.33	2.61	3.24	3.73	4.11	4.24	4.19	4.26	3.96	4.02	3.66	3.98	4.31	4.86	4.46	4.22	3.93	3.23	2.69	2.53			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.16	-0.32	-0.46	-0.49	-0.38	-0.26	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM	23527	36.55	35.03	34.92	33.79	35.26	37.21	43.34	50.06	49.93	51.35	53.38	52.57	52.78	52.31	50.57	51.60	54.63	58.37	53.61	50.74	48.35	42.65	38.79	37.51			
		2.13	1.95	1.91	1.79	1.93	2.01	2.30	2.79	3.08	2.99	3.05	3.08	2.67	2.84	2.75	2.91	3.33	3.72	3.46	3.36	3.21	2.83	2.47	2.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.20	-0.39	-0.57	-0.61	-0.48	-0.33	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP	24190	35.11	33.71	33.64	32.54	33.89	35.45	41.25	47.60	47.44	48.86	50.76	49.98	50.35	49.83	48.28	49.29	52.07	55.58	51.00	48.23	46.00	40.54	36.90	35.68			
		0.69	0.63	0.63	0.54	0.57	0.25	0.21	0.33	0.61	0.53	0.50	0.59	0.35	0.44	0.52	0.63	0.77	0.93	0.85	0.85	0.86	0.72	0.58	0.53			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.17	-0.33	-0.47	-0.50	-0.39	-0.27	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK	355683	34.62	33.38	33.34	32.32	33.66	35.63	41.62	47.98	46.98	48.45	50.34	49.45	50.49	49.97	48.39	49.16	51.50	54.76	50.25	47.33	45.01	39.58	36.10	32.42			
		0.21	0.30	0.33	0.32	0.33	0.42	0.57	0.71	0.23	0.29	0.40	0.54	0.99	0.98	0.90	0.63	0.21	0.11	0.10	-0.05	-0.14	-0.24	-0.22	-0.11			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.63			
ALBANY_1_SOLAR	323833	35.66	34.24	34.16	33.05	34.42	36.16	42.11	48.45	48.27	49.66	51.57	50.74	51.07	50.60	48.95	50.05	52.83	56.51	51.86	49.04	46.77	41.22	37.48	36.28			
		1.24	1.16	1.15	1.05	1.10	0.95	1.07	1.18	1.45	1.35	1.35	1.42	1.14	1.27	1.23	1.41	1.54	1.86	1.71	1.66	1.62	1.39	1.16	1.12			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.14	-0.28	-0.41	-0.43	-0.34	-0.23	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR	323834	35.62	34.24	34.16	33.05	34.42	36.16	42.07	48.45	48.27	49.66	51.51	50.69	51.07	50.55	48.91	50.00	52.83	56.51	51.86	49.04	46.77	41.18	37.48	36.28			
		1.20	1.16	1.15	1.05	1.10	0.95	1.03	1.18	1.45	1.35	1.30	1.37	1.14	1.23	1.19	1.36	1.54	1.86	1.71	1.66	1.62	1.35	1.16	1.12			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-0.14	-0.28	-0.41	-0.43	-0.34	-0.23	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1	23571	35.11	33.71	33.64	32.54	33.89	35.45	41.25	47.60	47.44	48.86	50.76	49.98	50.35	49.83	48.28	49.29	52.07	55.58	51.00	48.23	46.00	40.54	36.90	35.68			
		0.69	0.63	0.63	0.54	0.57	0.25	0.21	0.33	0.61	0.53	0.50	0.59	0.35	0.44	0.52	0.63	0.77	0.93	0.85	0.85	0.86	0.72	0.58	0.53			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-0.17	-0.33	-0.47	-0.50	-0.39	-0.27	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	35.11 0.69 0.00	33.71 0.63 0.00	33.64 0.63 0.00	32.54 0.54 0.00	33.89 0.57 0.00	35.45 0.25 0.00	41.25 0.21 0.00	47.60 0.33 0.00	47.44 0.61 -0.09	48.86 0.53 -0.17	50.76 0.50 -0.33	49.98 0.59 -0.47	50.35 0.35 -0.50	49.83 0.44 -0.39	48.28 0.52 -0.27	49.29 0.63 -0.13	52.07 0.77 0.00	55.58 0.93 0.00	51.00 0.85 0.00	48.23 0.85 0.00	46.00 0.86 0.00	40.54 0.72 0.00	36.90 0.58 0.00	35.68 0.53 0.00
ALBANY___3 23573	35.11 0.69 0.00	33.71 0.63 0.00	33.64 0.63 0.00	32.54 0.54 0.00	33.89 0.57 0.00	35.45 0.25 0.00	41.25 0.21 0.00	47.60 0.33 0.00	47.44 0.61 -0.09	48.86 0.53 -0.17	50.76 0.50 -0.33	49.98 0.59 -0.47	50.35 0.35 -0.50	49.83 0.44 -0.39	48.28 0.52 -0.27	49.29 0.63 -0.13	52.07 0.77 0.00	55.58 0.93 0.00	51.00 0.85 0.00	48.23 0.85 0.00	46.00 0.86 0.00	40.54 0.72 0.00	36.90 0.58 0.00	35.68 0.53 0.00
ALBANY___4 23574	35.11 0.69 0.00	33.71 0.63 0.00	33.64 0.63 0.00	32.54 0.54 0.00	33.89 0.57 0.00	35.45 0.25 0.00	41.25 0.21 0.00	47.60 0.33 0.00	47.44 0.61 -0.09	48.86 0.53 -0.17	50.76 0.50 -0.33	49.98 0.59 -0.47	50.35 0.35 -0.50	49.83 0.44 -0.39	48.28 0.52 -0.27	49.29 0.63 -0.13	52.07 0.77 0.00	55.58 0.93 0.00	51.00 0.85 0.00	48.23 0.85 0.00	46.00 0.86 0.00	40.54 0.72 0.00	36.90 0.58 0.00	35.68 0.53 0.00
ALBANY___LFGE 323615	35.38 0.96 0.00	33.94 0.86 0.00	33.87 0.86 0.00	32.77 0.77 0.00	34.12 0.80 0.00	35.77 0.56 0.00	41.62 0.57 0.00	48.07 0.80 0.00	47.91 1.08 -0.09	49.34 1.01 -0.16	51.31 1.05 -0.32	50.51 1.13 -0.47	50.89 0.89 -0.50	50.36 0.98 -0.39	48.71 0.95 -0.27	49.77 1.12 -0.13	52.53 1.23 0.00	56.13 1.48 0.00	51.50 1.35 0.00	48.70 1.32 0.00	46.40 1.26 0.00	40.90 1.08 0.00	37.19 0.87 0.00	35.96 0.81 0.00
ALCOA_PA_115KV_PL-6C 55860	34.49 0.07 0.00	33.25 0.17 0.00	33.21 0.20 0.00	32.19 0.19 0.00	33.56 0.23 0.00	35.49 0.28 0.00	41.46 0.41 0.00	47.84 0.57 0.00	46.79 0.05 0.00	48.26 0.10 0.00	50.14 0.20 0.00	49.26 0.34 0.00	50.29 0.79 0.00	49.77 0.78 0.00	48.20 0.71 0.00	49.01 0.49 0.00	51.55 0.26 0.00	54.87 0.22 0.00	50.30 0.15 0.00	47.38 0.00 0.00	45.10 -0.05 0.00	39.66 -0.16 0.00	36.18 -0.15 0.00	32.52 0.00 2.63
ALCOA_RYNLDS___DRP 24188	34.49 0.07 0.00	33.25 0.17 0.00	33.21 0.20 0.00	32.19 0.19 0.00	33.56 0.23 0.00	35.49 0.28 0.00	41.46 0.41 0.00	47.84 0.57 0.00	46.79 0.05 0.00	48.26 0.10 0.00	50.14 0.20 0.00	49.26 0.34 0.00	50.29 0.79 0.00	49.77 0.78 0.00	48.20 0.71 0.00	49.01 0.49 0.00	51.55 0.26 0.00	54.87 0.22 0.00	50.30 0.15 0.00	47.38 0.00 0.00	45.10 -0.05 0.00	39.66 -0.16 0.00	36.18 -0.15 0.00	32.52 0.00 2.63
ALCOA___DSASP 323711	34.52 0.10 0.00	33.25 0.17 0.00	33.21 0.20 0.00	32.19 0.19 0.00	33.56 0.23 0.00	35.49 0.28 0.00	41.46 0.41 0.00	47.84 0.57 0.00	46.79 0.05 0.00	48.26 0.10 0.00	50.14 0.20 0.00	49.21 0.30 0.00	50.28 0.79 0.00	49.77 0.78 0.00	48.20 0.71 0.00	49.01 0.49 0.00	51.55 0.26 0.00	54.82 0.16 0.00	50.30 0.15 0.00	47.38 0.00 0.00	45.10 -0.05 0.00	39.66 -0.16 0.00	36.18 -0.14 0.00	32.52 0.00 2.63
ALLEGHENY___COGEN 23514	34.97 0.55 0.00	33.68 0.60 0.00	33.34 0.33 0.00	32.54 0.54 0.00	33.92 0.60 0.00	36.47 1.27 0.00	42.48 1.44 0.00	47.79 0.52 0.00	47.68 0.93 0.00	49.22 1.06 0.00	50.88 0.95 0.00	49.16 0.25 0.00	49.25 -0.25 0.00	48.45 -0.54 0.00	46.83 -0.66 0.00	47.75 -0.78 0.00	50.53 -0.77 0.00	54.05 -0.60 0.00	49.15 -1.00 0.00	46.38 -1.00 0.00	43.79 -1.35 0.00	38.79 -1.04 0.00	35.85 -0.47 0.00	34.66 -0.49 0.00
ALTAMONT_115KV_TB 2 55880	35.28 0.86 0.00	33.91 0.83 0.00	33.84 0.83 0.00	32.77 0.77 0.00	34.12 0.80 0.00	35.87 0.67 0.00	41.79 0.74 0.00	48.22 0.95 0.00	48.00 1.17 -0.09	49.44 1.11 -0.16	51.35 1.10 -0.32	50.50 1.13 -0.46	50.93 0.94 -0.49	50.40 1.03 -0.38	48.80 1.04 -0.26	49.82 1.16 -0.13	52.63 1.33 0.00	56.18 1.53 0.00	51.55 1.40 0.00	48.75 1.37 0.00	46.50 1.35 0.00	40.98 1.15 0.00	37.30 0.98 0.00	36.07 0.91 0.00
ALTONA_WT_PWR 323606	33.90 -0.52 0.00	32.65 -0.43 0.00	32.78 -0.23 0.00	31.81 -0.19 0.00	33.16 -0.17 0.00	35.10 -0.11 0.00	41.09 0.04 0.00	47.65 0.38 0.00	46.56 -0.19 0.00	48.21 0.05 0.00	50.14 0.20 0.00	49.45 0.54 0.00	50.73 1.24 0.00	50.16 1.17 0.00	48.53 1.04 0.00	49.16 0.63 0.00	51.55 0.26 0.00	54.22 -0.44 0.00	49.80 -0.35 0.00	46.48 -0.90 0.00	43.93 -1.22 0.00	38.27 -1.55 0.00	34.80 -1.52 0.00	-6.88 -1.37 40.66
AMERICAN_REF_FUEL 24010	32.42 -2.00 0.00	31.40 -1.69 0.00	30.96 -2.05 0.00	30.27 -1.73 0.00	31.49 -1.83 0.00	33.76 -1.44 0.00	39.00 -2.05 0.00	42.50 -4.77 0.00	43.00 -3.74 0.00	44.75 -3.42 0.00	46.34 -3.60 0.00	44.46 -4.45 0.00	44.45 -5.05 0.00	43.80 -5.19 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.98 -6.31 0.00	47.44 -7.22 0.00	43.28 -6.87 0.00	40.93 -6.44 0.00	38.73 -6.41 0.00	34.64 -5.18 0.00	32.73 -3.60 0.00	32.02 -3.13 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.69 0.27 0.00	33.64 0.56 0.00	33.24 0.23 0.00	32.54 0.54 0.00	33.86 0.53 0.00	36.30 1.09 0.00	42.03 0.98 0.00	46.18 -1.09 0.00	46.51 -0.23 0.00	48.26 0.10 0.00	49.94 0.00 0.00	47.84 -1.08 0.00	47.67 -1.83 0.00	46.64 -2.35 0.00	44.55 -2.94 0.00	44.79 -3.74 0.00	46.88 -4.41 0.00	49.19 -5.46 0.00	44.68 -5.46 0.00	42.07 -5.31 0.00	39.72 -5.42 0.00	35.56 -4.26 0.00	33.49 -2.83 0.00	32.62 -2.53 0.00
ARTHUR KILL_GT_1 23520	36.86 2.44 0.00	35.10 2.02 0.00	34.99 1.98 0.00	33.66 1.66 0.00	35.12 1.80 0.00	36.97 1.76 0.00	43.02 1.97 0.00	49.77 2.50 0.00	50.04 2.90 -0.40	51.72 2.79 -0.76	54.08 2.64 -1.50	53.92 2.84 -2.17	54.33 2.52 -2.31	53.39 2.59 -1.81	51.67 2.95 -1.24	52.43 3.30 -0.60	54.94 3.64 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.37 3.54 0.00	39.52 3.20 0.00	38.18 3.02 0.00
ARTHUR_KILL_2 23512	36.76 2.34 0.00	35.03 1.95 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.06 1.73 0.00	36.90 1.69 0.00	42.90 1.85 0.00	49.63 2.36 0.00	49.90 2.76 -0.40	51.57 2.65 -0.76	53.93 2.50 -1.50	53.78 2.69 -2.17	54.18 2.38 -2.31	53.25 2.45 -1.81	51.53 2.80 -1.24	52.28 3.15 -0.60	54.79 3.49 0.00	58.54 3.88 0.00	53.76 3.61 0.00	51.17 3.79 0.00	48.84 3.70 0.00	43.25 3.43 0.00	39.41 3.09 0.00	38.11 2.95 0.00
ARTHUR_KILL_3 23513	36.28 1.86 0.00	34.60 1.52 0.00	34.50 1.49 0.00	33.28 1.28 0.00	34.72 1.40 0.00	36.68 1.48 0.00	42.77 1.72 0.00	49.73 2.46 0.00	50.14 2.99 -0.40	51.82 2.89 -0.76	54.18 2.74 -1.50	54.02 2.93 -2.18	54.43 2.62 -2.31	53.49 2.69 -1.81	51.67 2.95 -1.24	52.48 3.35 -0.60	54.83 3.54 0.00	58.54 3.88 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.89 3.74 0.00	43.13 3.30 0.00	39.16 2.83 0.00	37.76 2.60 0.00

ARTHUR_KILL_COGEN 323718	36.86 2.44 0.00	35.10 2.02 0.00	34.99 1.98 0.00	33.66 1.66 0.00	35.12 1.80 0.00	36.97 1.76 0.00	43.02 1.97 0.00	49.77 2.50 0.00	50.04 2.90 -0.40	51.72 2.79 -0.76	54.08 2.64 -1.50	53.92 2.84 -2.17	54.33 2.52 -2.31	53.39 2.59 -1.81	51.67 2.95 -1.24	52.43 3.30 -0.60	54.94 3.64 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.37 3.54 0.00	39.52 3.20 0.00	38.18 3.02 0.00
ASHOKAN____ 23654	36.52 2.10 0.00	34.83 1.75 0.00	34.76 1.75 0.00	33.47 1.47 0.00	34.92 1.60 0.00	37.04 1.83 0.00	43.43 2.38 0.00	50.06 2.79 0.00	50.11 3.37 0.00	50.91 2.74 0.00	52.43 2.50 0.00	51.51 2.59 0.00	51.77 2.28 0.00	51.39 2.40 0.00	50.15 2.66 0.00	51.87 3.35 0.00	55.35 4.05 0.00	59.52 4.86 0.00	54.41 4.26 0.00	51.26 3.89 0.00	48.89 3.74 0.00	42.89 3.07 0.00	39.01 2.69 0.00	37.61 2.46 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.76 2.34 0.00	35.03 1.95 0.00	34.89 1.88 0.00	33.57 1.57 0.00	35.02 1.70 0.00	36.75 1.55 0.00	42.85 1.80 0.00	49.45 2.18 0.00	49.80 2.66 -0.39	51.42 2.50 -0.75	53.87 2.45 -1.49	53.72 2.64 -2.17	54.13 2.33 -2.30	53.19 2.40 -1.80	51.42 2.71 -1.23	52.33 3.20 -0.60	55.04 3.74 0.00	58.54 3.88 0.00	53.76 3.61 0.00	51.12 3.74 0.00	48.76 3.61 0.00	43.21 3.38 0.00	39.67 3.34 -0.01	38.29 3.13 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.76 2.34 0.00	35.03 1.95 0.00	34.89 1.88 0.00	33.57 1.57 0.00	35.02 1.70 0.00	36.75 1.55 0.00	42.85 1.80 0.00	49.45 2.18 0.00	49.80 2.66 -0.39	51.42 2.50 -0.75	53.87 2.45 -1.49	53.72 2.64 -2.17	54.13 2.33 -2.30	53.19 2.40 -1.80	51.42 2.71 -1.23	52.33 3.20 -0.60	55.04 3.74 0.00	58.54 3.88 0.00	53.81 3.66 0.00	51.12 3.74 0.00	48.76 3.61 0.00	43.21 3.38 0.00	39.71 3.38 -0.01	38.29 3.13 -0.01
ASTORIA_GT2_1 24094	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT2_2 24095	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT2_3 24096	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT2_4 24097	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT3_1 24098	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT3_2 24099	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT3_3 24100	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT3_4 24101	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT4_1 24102	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT4_2 24103	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT4_3 24104	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00

ASTORIA_GT4_4 24105	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.02 1.70 0.00	37.04 1.83 0.00	42.85 1.81 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.48 2.55 -0.76	53.88 2.45 -1.50	53.68 2.59 -2.17	54.08 2.28 -2.31	53.20 2.40 -1.81	51.39 2.66 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.70 3.38 0.00	38.28 3.13 0.00
ASTORIA_GT_1 23523	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.63 1.63 0.00	35.09 1.77 0.00	36.86 1.66 0.00	42.94 1.89 0.00	49.54 2.27 0.00	49.89 2.76 -0.39	51.57 2.65 -0.75	53.97 2.55 -1.49	53.82 2.74 -2.17	54.22 2.42 -2.30	53.29 2.50 -1.80	51.52 2.80 -1.23	52.48 3.35 -0.60	55.19 3.90 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.21 3.84 0.00	48.84 3.70 0.00	43.29 3.46 0.00	39.74 3.41 -0.01	38.36 3.20 -0.01
ASTORIA_GT_10 24110	36.52 2.10 0.00	35.00 1.92 0.00	34.79 1.78 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.97 1.76 0.00	42.93 1.89 0.00	49.73 2.46 0.00	50.14 2.99 -0.40	51.77 2.84 -0.76	54.13 2.70 -1.50	53.93 2.84 -2.17	54.33 2.52 -2.31	53.45 2.65 -1.81	51.62 2.90 -1.24	52.53 3.40 -0.60	55.04 3.74 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.29 3.46 0.00	39.41 3.09 0.00	38.00 2.85 0.00
ASTORIA_GT_11 24225	36.52 2.10 0.00	35.00 1.92 0.00	34.79 1.78 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.97 1.76 0.00	42.93 1.89 0.00	49.73 2.46 0.00	50.14 2.99 -0.40	51.77 2.84 -0.76	54.13 2.70 -1.50	53.93 2.84 -2.17	54.33 2.52 -2.31	53.45 2.65 -1.81	51.62 2.90 -1.24	52.53 3.40 -0.60	55.04 3.74 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.29 3.46 0.00	39.41 3.09 0.00	38.00 2.85 0.00
ASTORIA_GT_12 24226	36.52 2.10 0.00	35.00 1.92 0.00	34.79 1.78 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.97 1.76 0.00	42.93 1.89 0.00	49.73 2.46 0.00	50.14 2.99 -0.40	51.77 2.84 -0.76	54.13 2.70 -1.50	53.93 2.84 -2.17	54.33 2.52 -2.31	53.45 2.65 -1.81	51.62 2.90 -1.24	52.53 3.40 -0.60	55.04 3.74 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.29 3.46 0.00	39.41 3.09 0.00	38.00 2.85 0.00
ASTORIA_GT_13 24227	36.52 2.10 0.00	35.00 1.92 0.00	34.79 1.78 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.97 1.76 0.00	42.93 1.89 0.00	49.73 2.46 0.00	50.14 2.99 -0.40	51.77 2.84 -0.76	54.13 2.70 -1.50	53.93 2.84 -2.17	54.33 2.52 -2.31	53.45 2.65 -1.81	51.62 2.90 -1.24	52.53 3.40 -0.60	55.04 3.74 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.29 3.46 0.00	39.41 3.09 0.00	38.00 2.85 0.00
ASTORIA_GT_5 24106	36.62 2.20 0.00	35.20 2.12 0.00	34.96 1.95 0.00	33.63 1.63 0.00	35.09 1.77 0.00	37.07 1.87 0.00	42.93 1.89 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.58 2.65 -0.76	53.98 2.55 -1.50	53.78 2.69 -2.17	54.18 2.38 -2.31	53.30 2.50 -1.81	51.48 2.75 -1.24	52.48 3.35 -0.60	55.19 3.90 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.37 3.54 0.00	39.74 3.41 0.00	38.35 3.20 0.00
ASTORIA_GT_7 24107	36.62 2.20 0.00	35.20 2.12 0.00	34.96 1.95 0.00	33.63 1.63 0.00	35.09 1.77 0.00	37.07 1.87 0.00	42.93 1.89 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.58 2.65 -0.76	53.98 2.55 -1.50	53.78 2.69 -2.17	54.18 2.38 -2.31	53.30 2.50 -1.81	51.48 2.75 -1.24	52.48 3.35 -0.60	55.19 3.90 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.37 3.54 0.00	39.74 3.41 0.00	38.35 3.20 0.00
ASTORIA_GT_8 24108	36.62 2.20 0.00	35.20 2.12 0.00	34.96 1.95 0.00	33.63 1.63 0.00	35.09 1.77 0.00	37.07 1.87 0.00	42.93 1.89 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.58 2.65 -0.76	53.98 2.55 -1.50	53.78 2.69 -2.17	54.18 2.38 -2.31	53.30 2.50 -1.81	51.48 2.75 -1.24	52.48 3.35 -0.60	55.19 3.90 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.37 3.54 0.00	39.74 3.41 0.00	38.35 3.20 0.00
ASTORIA___2 24149	36.79 2.37 0.00	35.03 1.95 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.06 1.73 0.00	36.79 1.59 0.00	42.85 1.80 0.00	49.49 2.22 0.00	49.80 2.66 -0.39	51.47 2.55 -0.75	53.92 2.50 -1.49	53.72 2.64 -2.17	54.13 2.33 -2.30	53.24 2.45 -1.80	51.42 2.71 -1.23	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.12 3.74 0.00	48.80 3.65 0.00	43.21 3.38 0.00	39.71 3.38 -0.01	38.29 3.13 -0.01
ASTORIA___3 23516	36.62 2.20 0.00	34.90 1.82 0.00	34.79 1.78 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.86 1.66 0.00	42.90 1.85 0.00	49.73 2.46 0.00	50.09 2.95 -0.40	51.77 2.84 -0.76	54.18 2.74 -1.50	53.97 2.89 -2.17	54.38 2.57 -2.31	53.49 2.69 -1.81	51.67 2.95 -1.24	52.53 3.40 -0.60	55.04 3.74 0.00	58.70 4.04 0.00	53.86 3.71 0.00	51.21 3.84 0.00	48.89 3.74 0.00	43.25 3.43 0.00	39.41 3.09 0.00	38.00 2.85 0.00
ASTORIA___4 23517	36.52 2.10 0.00	35.00 1.92 0.00	34.79 1.78 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.93 1.73 0.00	42.93 1.89 0.00	49.73 2.46 0.00	50.09 2.94 -0.40	51.77 2.84 -0.76	54.13 2.70 -1.50	53.93 2.84 -2.17	54.33 2.52 -2.31	53.45 2.65 -1.81	51.62 2.90 -1.24	52.53 3.40 -0.60	55.04 3.74 0.00	58.70 4.04 0.00	53.86 3.71 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.29 3.46 0.00	39.41 3.09 0.00	38.00 2.85 0.00
ASTORIA___5 23518	36.62 2.20 0.00	34.90 1.82 0.00	34.79 1.78 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.86 1.66 0.00	42.90 1.85 0.00	49.73 2.46 0.00	50.09 2.95 -0.40	51.77 2.84 -0.76	54.18 2.74 -1.50	53.97 2.89 -2.17	54.38 2.57 -2.31	53.44 2.64 -1.81	51.67 2.95 -1.24	52.53 3.40 -0.60	55.04 3.74 0.00	58.70 4.04 0.00	53.86 3.71 0.00	51.21 3.84 0.00	48.89 3.74 0.00	43.25 3.43 0.00	39.41 3.09 0.00	38.00 2.85 0.00
AST_ENERGY_2_CC3 323677	36.41 2.00 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.82 2.55 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.18	54.53 2.72 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.58 3.45 -0.60	54.99 3.70 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.93 2.78 0.00
AST_ENERGY_2_CC4 323678	36.41 2.00 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.82 2.55 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.18	54.53 2.72 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.58 3.45 -0.60	54.99 3.70 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.93 2.78 0.00

ATHENS_STG_1 23668	35.55 1.13 0.00	34.11 1.03 0.00	34.07 1.06 0.00	32.96 0.96 0.00	34.36 1.03 0.00	36.12 0.91 0.00	42.07 1.03 0.00	48.64 1.37 0.00	48.57 1.68 -0.14	50.03 1.59 -0.27	52.07 1.60 -0.54	51.36 1.66 -0.78	51.71 1.38 -0.83	51.11 1.47 -0.65	49.50 1.56 -0.44	50.49 1.74 -0.22	53.24 1.95 0.00	56.84 2.19 0.00	52.16 2.01 0.00	49.37 1.99 0.00	47.08 1.94 0.00	41.53 1.71 0.00	37.81 1.49 0.00	36.52 1.37 0.00
ATHENS_STG_2 23670	35.55 1.13 0.00	34.11 1.03 0.00	34.07 1.06 0.00	32.96 0.96 0.00	34.36 1.03 0.00	36.12 0.91 0.00	42.07 1.03 0.00	48.64 1.37 0.00	48.57 1.68 -0.14	50.03 1.59 -0.27	52.07 1.60 -0.54	51.36 1.66 -0.78	51.71 1.38 -0.83	51.11 1.47 -0.65	49.50 1.56 -0.44	50.49 1.74 -0.22	53.24 1.95 0.00	56.84 2.19 0.00	52.16 2.01 0.00	49.37 1.99 0.00	47.08 1.94 0.00	41.53 1.71 0.00	37.81 1.49 0.00	36.52 1.37 0.00
ATHENS_STG_3 23677	35.55 1.13 0.00	34.11 1.03 0.00	34.07 1.06 0.00	32.96 0.96 0.00	34.36 1.03 0.00	36.12 0.91 0.00	42.07 1.03 0.00	48.64 1.37 0.00	48.57 1.68 -0.14	50.03 1.59 -0.27	52.07 1.60 -0.54	51.36 1.66 -0.78	51.71 1.38 -0.83	51.11 1.47 -0.65	49.50 1.56 -0.44	50.49 1.74 -0.22	53.24 1.95 0.00	56.84 2.19 0.00	52.16 2.01 0.00	49.37 1.99 0.00	47.08 1.94 0.00	41.53 1.71 0.00	37.81 1.49 0.00	36.52 1.37 0.00
AUBURN___LFGE 323710	34.21 -0.21 0.00	32.82 -0.26 0.00	32.71 -0.30 0.00	31.78 -0.22 0.00	33.06 -0.27 0.00	35.14 -0.07 0.00	41.05 0.00 0.00	46.99 -0.28 0.00	46.65 -0.09 0.00	48.21 0.05 0.00	49.99 0.05 0.00	48.77 -0.15 0.00	49.10 -0.40 0.00	48.45 -0.54 0.00	46.92 -0.57 0.00	47.85 -0.68 0.00	50.53 -0.77 0.00	54.05 -0.60 0.00	49.50 -0.65 0.00	46.72 -0.66 0.00	44.51 -0.63 0.00	39.34 -0.48 0.00	35.96 -0.36 0.00	34.77 -0.39 0.00
BABYLON_RES_REC 323704	37.00 2.58 0.00	35.07 1.98 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.93 1.72 0.00	42.69 1.64 0.00	49.68 2.41 0.00	50.04 2.90 -0.40	51.72 2.79 -0.76	54.83 3.40 -1.49	55.14 4.06 -2.17	55.12 3.32 -2.31	54.13 3.33 -1.81	52.43 3.71 -1.23	53.54 4.42 -0.60	56.54 5.18 -0.06	60.35 5.68 -0.02	55.43 5.26 -0.02	52.26 4.88 0.00	49.97 4.83 0.00	44.51 4.34 -0.35	39.84 3.52 0.00	38.32 3.17 0.00
BABYLON__69_KV_BK2 356345	37.34 2.93 0.00	35.50 2.41 0.00	34.99 1.98 0.00	33.70 1.70 0.00	35.22 1.90 0.00	37.21 2.01 0.00	43.18 2.13 0.00	50.30 3.03 0.00	50.65 3.51 -0.40	52.20 3.28 -0.76	55.58 4.14 -1.49	55.83 4.74 -2.17	55.76 3.96 -2.31	54.91 4.12 -1.81	53.00 4.27 -1.23	54.18 5.05 -0.60	57.36 6.00 -0.06	61.23 6.56 -0.02	56.23 6.07 -0.02	52.92 5.54 0.00	50.60 5.46 0.00	45.07 4.90 -0.35	40.28 3.96 0.00	38.70 3.55 0.00
BALL_HILL_WT_PWR 323825	34.14 -0.28 0.00	33.05 -0.03 0.00	32.65 -0.36 0.00	31.94 -0.06 0.00	33.22 -0.10 0.00	35.63 0.42 0.00	41.25 0.21 0.00	45.29 -1.98 0.00	45.67 -1.07 0.00	47.49 -0.67 0.00	49.24 -0.70 0.00	47.25 -1.66 0.00	47.17 -2.33 0.00	46.39 -2.60 0.00	44.55 -2.94 0.00	44.99 -3.54 0.00	47.24 -4.05 0.00	49.79 -4.86 0.00	45.33 -4.81 0.00	42.83 -4.55 0.00	40.49 -4.65 0.00	36.24 -3.58 0.00	34.10 -2.22 0.00	33.25 -1.90 0.00
BARON_WINDS___WT_PWR 323822	34.25 -0.17 0.00	33.08 0.00 0.00	32.88 -0.13 0.00	32.10 0.10 0.00	33.42 0.10 0.00	35.66 0.46 0.00	41.46 0.41 0.00	46.47 -0.80 0.00	46.51 -0.23 0.00	48.17 0.00 0.00	49.99 0.05 0.00	48.33 -0.58 0.00	48.26 -1.24 0.00	47.37 -1.62 0.00	45.73 -1.76 0.00	46.39 -2.13 0.00	48.83 -2.46 0.00	51.81 -2.84 0.00	47.19 -2.96 0.00	44.54 -2.84 0.00	42.16 -2.98 0.00	37.47 -2.35 0.00	34.69 -1.63 0.00	33.68 -1.48 0.00
BARRETT_IC_1 23704	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT_IC_10 23701	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT_IC_11 23702	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT_IC_12 23703	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT_IC_2 23705	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT_IC_3 23706	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT_IC_4 23707	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00

BARRETT_IC_5 23708	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT_IC_6 23709	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT_IC_7 23710	36.66 2.24 0.00	34.90 1.82 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.72 1.40 0.00	36.68 1.48 0.00	42.61 1.56 0.00	49.49 2.22 0.00	49.81 2.66 -0.40	51.33 2.41 -0.76	54.28 2.85 -1.49	54.41 3.33 -2.17	54.53 2.72 -2.31	53.69 2.89 -1.81	51.91 3.18 -1.23	52.82 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.26 0.00	49.39 4.24 0.00	44.00 3.82 -0.35	39.52 3.20 0.00	38.00 2.85 0.00
BARRETT_IC_8 23711	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT_IC_9 23700	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT___1 23545	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BARRETT___2 23546	36.69 2.27 0.00	34.83 1.75 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.52 1.48 0.00	49.35 2.08 0.00	49.71 2.57 -0.40	51.33 2.41 -0.76	54.23 2.79 -1.49	54.46 3.37 -2.17	54.52 2.72 -2.31	53.59 2.79 -1.81	51.96 3.23 -1.23	52.81 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	44.00 3.82 -0.35	39.48 3.16 0.00	38.00 2.85 0.00
BATAVIA__115KV_TB1 55881	33.97 -0.45 0.00	32.52 -0.56 0.00	32.28 -0.73 0.00	31.55 -0.45 0.00	32.92 -0.40 0.00	35.28 0.07 0.00	40.92 -0.12 0.00	45.24 -2.03 0.00	45.67 -1.08 0.00	47.49 -0.67 0.00	49.19 -0.75 0.00	47.25 -1.66 0.00	47.37 -2.13 0.00	46.74 -2.25 0.00	44.93 -2.56 0.00	45.52 -3.01 0.00	47.81 -3.49 0.00	50.94 -3.72 0.00	46.34 -3.81 0.00	43.78 -3.60 0.00	41.39 -3.75 0.00	36.83 -2.99 0.00	34.51 -1.82 0.00	33.57 -1.58 0.00
BAYONEEC___CTG1 323682	36.41 2.00 0.00	34.74 1.65 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.83 1.50 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
BAYONEEC___CTG10 323750	36.41 2.00 0.00	34.74 1.65 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.83 1.50 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
BAYONEEC___CTG2 323683	36.41 2.00 0.00	34.74 1.65 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.83 1.50 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
BAYONEEC___CTG3 323684	36.41 2.00 0.00	34.74 1.65 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.83 1.50 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
BAYONEEC___CTG4 323685	36.41 2.00 0.00	34.74 1.65 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.83 1.50 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
BAYONEEC___CTG5 323686	36.41 2.00 0.00	34.74 1.65 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.83 1.50 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
BAYONEEC___CTG6 323687	36.41 2.00 0.00	34.74 1.65 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.83 1.50 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00

BAYONEEC___CTG7 323688	36.41 2.00 0.00	34.74 1.65 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.83 1.50 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
BAYONEEC___CTG8 323689	36.41 2.00 0.00	34.74 1.65 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.83 1.50 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
BAYONEEC___CTG9 323749	36.41 2.00 0.00	34.74 1.65 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.83 1.50 0.00	36.83 1.62 0.00	42.90 1.85 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
BEACON___LESR 323632	35.66 1.24 0.00	34.21 1.13 0.00	34.13 1.12 0.00	33.02 1.02 0.00	34.39 1.07 0.00	36.09 0.88 0.00	42.07 1.03 0.00	48.59 1.32 0.00	48.47 1.64 -0.09	49.92 1.59 -0.17	51.86 1.60 -0.33	51.05 1.66 -0.48	51.38 1.38 -0.51	50.85 1.47 -0.40	49.18 1.42 -0.27	50.26 1.60 -0.13	53.09 1.79 0.00	56.78 2.13 0.00	52.05 1.91 0.00	49.28 1.90 0.00	46.95 1.81 0.00	41.34 1.51 0.00	37.56 1.24 0.00	36.28 1.12 0.00
BEAVER RIVER___HYD 24048	33.49 -0.93 0.00	32.16 -0.93 0.00	32.02 -0.99 0.00	31.04 -0.96 0.00	32.19 -1.13 0.00	34.57 -0.63 0.00	40.35 -0.70 0.00	46.99 -0.28 0.00	46.65 -0.09 0.00	48.17 0.00 0.00	50.44 0.50 0.00	49.16 0.25 0.00	49.74 0.25 0.00	49.34 0.35 0.00	46.87 -0.62 0.00	47.65 -0.87 0.00	49.91 -1.38 0.00	53.12 -1.53 0.00	48.80 -1.35 0.00	46.10 -1.28 0.00	43.79 -1.35 0.00	38.39 -1.43 0.00	35.09 -1.24 0.00	44.43 -1.05 -10.33
BEEBEE_GT_13 23619	33.39 -1.03 0.00	31.99 -1.09 0.00	31.79 -1.22 0.00	31.01 -0.99 0.00	32.29 -1.03 0.00	34.47 -0.74 0.00	40.06 -0.99 0.00	44.95 -2.32 0.00	45.06 -1.68 0.00	46.77 -1.40 0.00	48.49 -1.45 0.00	46.91 -2.01 0.00	47.17 -2.33 0.00	46.54 -2.45 0.00	44.88 -2.61 0.00	45.61 -2.91 0.00	48.06 -3.23 0.00	51.27 -3.39 0.00	46.79 -3.36 0.00	44.20 -3.17 0.00	41.94 -3.21 0.00	37.15 -2.67 0.00	34.43 -1.89 0.00	33.43 -1.72 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.90 2.48 0.00	35.30 2.22 0.00	35.06 2.05 0.00	33.76 1.76 0.00	35.22 1.90 0.00	37.21 2.01 0.00	43.26 2.22 0.00	50.15 2.88 0.00	50.46 3.32 -0.40	52.15 3.23 -0.76	54.53 3.10 -1.50	54.32 3.23 -2.17	54.73 2.92 -2.31	53.79 2.99 -1.81	52.00 3.28 -1.24	52.87 3.74 -0.60	55.45 4.15 0.00	59.14 4.48 0.00	54.36 4.21 0.00	51.69 4.31 0.00	49.34 4.20 0.00	43.65 3.82 0.00	39.70 3.38 0.00	38.32 3.16 0.00
BETHLEHEM___GRP 23843	35.11 0.69 0.00	33.71 0.63 0.00	33.64 0.63 0.00	32.54 0.54 0.00	33.89 0.57 0.00	35.45 0.25 0.00	41.25 0.21 0.00	47.60 0.33 0.00	47.44 0.61 -0.09	48.86 0.53 -0.17	50.76 0.50 -0.33	49.98 0.59 -0.47	50.35 0.35 -0.50	49.83 0.44 -0.39	48.28 0.52 -0.27	49.29 0.63 -0.13	52.07 0.77 0.00	55.58 0.93 0.00	51.00 0.85 0.00	48.23 0.85 0.00	46.00 0.86 0.00	40.54 0.72 0.00	36.90 0.58 0.00	35.68 0.53 0.00
BETHLEHEM___GS1 323560	35.14 0.72 0.00	33.68 0.60 0.00	33.64 0.63 0.00	32.54 0.54 0.00	33.89 0.57 0.00	35.45 0.25 0.00	41.21 0.16 0.00	47.60 0.33 0.00	47.44 0.61 -0.09	48.86 0.53 -0.17	50.76 0.50 -0.33	50.02 0.63 -0.47	50.35 0.35 -0.50	49.82 0.44 -0.39	48.23 0.47 -0.27	49.29 0.63 -0.13	52.01 0.72 0.00	55.58 0.93 0.00	51.00 0.85 0.00	48.23 0.85 0.00	46.00 0.86 0.00	40.54 0.72 0.00	36.90 0.58 0.00	35.68 0.53 0.00
BETHLEHEM___GS2 323561	35.14 0.72 0.00	33.68 0.60 0.00	33.64 0.63 0.00	32.54 0.54 0.00	33.89 0.57 0.00	35.45 0.25 0.00	41.21 0.16 0.00	47.60 0.33 0.00	47.44 0.61 -0.09	48.86 0.53 -0.17	50.76 0.50 -0.33	50.02 0.63 -0.47	50.35 0.35 -0.50	49.82 0.44 -0.39	48.23 0.47 -0.27	49.29 0.63 -0.13	52.01 0.72 0.00	55.58 0.93 0.00	51.00 0.85 0.00	48.23 0.85 0.00	46.00 0.86 0.00	40.54 0.72 0.00	36.90 0.58 0.00	35.68 0.53 0.00
BETHLEHEM___GS3 323562	35.14 0.72 0.00	33.68 0.60 0.00	33.64 0.63 0.00	32.54 0.54 0.00	33.89 0.57 0.00	35.45 0.25 0.00	41.21 0.16 0.00	47.60 0.33 0.00	47.44 0.61 -0.09	48.86 0.53 -0.17	50.76 0.50 -0.33	50.02 0.63 -0.47	50.35 0.35 -0.50	49.82 0.44 -0.39	48.23 0.47 -0.27	49.29 0.63 -0.13	52.01 0.72 0.00	55.58 0.93 0.00	51.00 0.85 0.00	48.23 0.85 0.00	46.00 0.86 0.00	40.54 0.72 0.00	36.90 0.58 0.00	35.68 0.53 0.00
BETHLEHEM___STEEL 23779	34.04 -0.38 0.00	32.69 -0.40 0.00	32.48 -0.53 0.00	31.74 -0.26 0.00	33.06 -0.27 0.00	35.31 0.11 0.00	40.96 -0.08 0.00	44.95 -2.32 0.00	45.43 -1.31 0.00	47.25 -0.92 0.00	48.99 -0.95 0.00	47.10 -1.81 0.00	47.02 -2.47 0.00	46.30 -2.69 0.00	44.45 -3.04 0.00	44.98 -3.54 0.00	47.14 -4.15 0.00	49.90 -4.75 0.00	45.43 -4.71 0.00	42.92 -4.45 0.00	40.58 -4.56 0.00	36.32 -3.50 0.00	34.18 -2.14 0.00	33.36 -1.79 0.00
BETHLHEM_115KV_TB1 79974	35.14 0.72 0.00	33.74 0.66 0.00	33.67 0.66 0.00	32.58 0.58 0.00	33.92 0.60 0.00	35.52 0.32 0.00	41.33 0.29 0.00	47.74 0.47 0.00	47.53 0.70 -0.09	48.96 0.63 -0.17	50.91 0.65 -0.33	50.12 0.73 -0.47	50.49 0.49 -0.50	49.97 0.59 -0.39	48.38 0.62 -0.27	49.39 0.73 -0.13	52.17 0.87 0.00	55.69 1.04 0.00	51.10 0.95 0.00	48.33 0.95 0.00	46.09 0.95 0.00	40.62 0.80 0.00	36.98 0.65 0.00	35.75 0.60 0.00
BETHPAGE_CC_5 323564	36.90 2.48 0.00	35.00 1.92 0.00	34.66 1.65 0.00	33.41 1.41 0.00	34.92 1.60 0.00	36.90 1.69 0.00	42.57 1.52 0.00	49.40 2.13 0.00	49.76 2.62 -0.40	51.38 2.46 -0.76	54.43 3.00 -1.49	54.70 3.62 -2.17	54.77 2.97 -2.31	53.79 2.99 -1.81	52.10 3.37 -1.23	53.11 3.98 -0.60	55.98 4.62 -0.06	59.75 5.08 -0.02	54.93 4.77 -0.02	51.83 4.45 0.00	49.57 4.43 0.00	44.23 4.06 -0.35	39.63 3.30 0.00	38.25 3.09 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	34.28 -0.14 0.00	32.92 -0.17 0.00	32.68 -0.33 0.00	31.97 -0.03 0.00	33.29 -0.03 0.00	35.56 0.35 0.00	41.25 0.21 0.00	45.33 -1.94 0.00	45.76 -0.98 0.00	47.59 -0.58 0.00	49.34 -0.60 0.00	47.45 -1.47 0.00	47.42 -2.08 0.00	46.64 -2.35 0.00	44.83 -2.66 0.00	45.37 -3.15 0.00	47.50 -3.80 0.00	50.28 -4.37 0.00	45.78 -4.36 0.00	43.21 -4.17 0.00	40.85 -4.29 0.00	36.59 -3.23 0.00	34.43 -1.89 0.00	33.57 -1.58 0.00

BINGHAMTON___COGEN 23790	34.66 0.24 0.00	33.25 0.17 0.00	33.18 0.17 0.00	32.22 0.22 0.00	33.56 0.23 0.00	35.52 0.32 0.00	41.42 0.37 0.00	47.36 0.09 0.00	47.08 0.37 0.04	48.57 0.48 0.07	50.34 0.55 0.14	49.05 0.34 0.21	49.32 0.05 0.22	48.77 -0.05 0.17	47.28 -0.09 0.12	48.32 -0.15 0.06	51.14 -0.15 0.00	54.54 -0.11 0.00	49.95 -0.20 0.00	47.19 -0.19 0.00	44.87 -0.27 0.00	39.70 -0.12 0.00	36.39 0.07 0.00	35.22 0.07 0.00
BIXINCNT_115KV_LOAD 355685	34.87 0.45 0.00	33.58 0.50 0.00	33.27 0.26 0.00	32.70 0.70 0.00	33.96 0.63 0.00	36.33 1.13 0.00	42.15 1.11 0.00	46.56 -0.71 0.00	46.79 0.05 0.00	48.50 0.34 0.00	50.19 0.25 0.00	48.43 -0.49 0.00	48.36 -1.14 0.00	47.32 -1.67 0.00	45.35 -2.14 0.00	45.86 -2.67 0.00	47.75 -3.54 0.00	50.61 -4.04 0.00	45.88 -4.26 0.00	43.16 -4.22 0.00	40.54 -4.60 0.00	36.36 -3.46 0.00	34.18 -2.14 0.00	33.29 -1.86 0.00
BLACK RIVER___HYD 24047	33.73 -0.69 0.00	32.35 -0.73 0.00	32.22 -0.79 0.00	31.23 -0.77 0.00	32.43 -0.90 0.00	34.78 -0.42 0.00	40.68 -0.37 0.00	47.32 0.05 0.00	46.98 0.23 0.00	48.55 0.38 0.00	50.69 0.75 0.00	49.30 0.39 0.00	49.84 0.35 0.00	49.43 0.44 0.00	47.21 -0.28 0.00	48.14 -0.39 0.00	50.53 -0.77 0.00	53.73 -0.93 0.00	49.35 -0.80 0.00	46.67 -0.71 0.00	44.37 -0.77 0.00	38.95 -0.88 0.00	35.49 -0.83 0.00	41.60 -0.77 -7.22
BLACKRVR_115KV_TB2 79977	33.73 -0.69 0.00	32.35 -0.73 0.00	32.22 -0.79 0.00	31.23 -0.77 0.00	32.42 -0.90 0.00	34.75 -0.46 0.00	40.68 -0.37 0.00	47.32 0.05 0.00	46.98 0.23 0.00	48.55 0.39 0.00	50.69 0.75 0.00	49.31 0.39 0.00	49.84 0.35 0.00	49.43 0.44 0.00	47.21 -0.28 0.00	48.14 -0.39 0.00	50.48 -0.82 0.00	53.78 -0.87 0.00	49.35 -0.80 0.00	46.67 -0.71 0.00	44.37 -0.77 0.00	38.95 -0.88 0.00	35.49 -0.84 0.00	41.60 -0.77 -7.22
BLISS_WT_PWR 323608	34.76 0.34 0.00	33.78 0.70 0.00	33.27 0.26 0.00	32.70 0.70 0.00	33.92 0.60 0.00	36.44 1.23 0.00	42.24 1.19 0.00	46.65 -0.62 0.00	46.74 0.00 0.00	48.46 0.29 0.00	50.14 0.20 0.00	48.33 -0.58 0.00	48.31 -1.19 0.00	47.23 -1.76 0.00	45.21 -2.28 0.00	45.66 -2.86 0.00	47.60 -3.69 0.00	50.33 -4.32 0.00	45.58 -4.56 0.00	42.83 -4.55 0.00	40.17 -4.97 0.00	36.04 -3.78 0.00	33.89 -2.43 0.00	32.97 -2.18 0.00
BLUESTONE___WT_PWR 323821	36.17 1.75 0.00	34.77 1.69 0.00	34.63 1.62 0.00	33.63 1.63 0.00	35.06 1.73 0.00	37.32 2.11 0.00	43.71 2.67 0.00	51.85 4.58 0.00	51.51 4.82 0.04	53.19 5.10 0.08	55.22 5.44 0.16	53.67 4.99 0.24	53.95 4.70 0.25	53.54 4.75 0.20	51.72 4.37 0.14	52.92 4.46 0.07	55.86 4.56 0.00	57.88 3.22 0.00	53.11 2.96 0.00	50.22 2.84 0.00	47.67 2.53 0.00	42.01 2.19 0.00	38.32 2.00 0.00	37.02 1.86 0.00
BLUE_CIRC_CHEM_DRP 24182	35.42 1.00 0.00	34.04 0.96 0.00	33.97 0.96 0.00	32.86 0.86 0.00	34.22 0.90 0.00	35.94 0.74 0.00	41.83 0.78 0.00	48.17 0.90 0.00	47.94 1.12 -0.08	49.42 1.11 -0.15	51.32 1.10 -0.29	50.46 1.13 -0.42	50.88 0.94 -0.44	50.37 1.03 -0.35	48.73 1.00 -0.24	49.76 1.12 -0.12	52.53 1.23 0.00	56.08 1.42 0.00	51.50 1.35 0.00	48.70 1.33 0.00	46.45 1.31 0.00	40.94 1.12 0.00	37.27 0.94 0.00	36.07 0.91 0.00
BOC_GAS_DRP 24189	35.18 0.76 0.00	33.81 0.73 0.00	33.74 0.73 0.00	32.64 0.64 0.00	34.02 0.70 0.00	35.73 0.53 0.00	41.58 0.53 0.00	47.98 0.71 0.00	47.81 0.98 -0.09	49.24 0.92 -0.16	51.16 0.90 -0.32	50.36 0.98 -0.47	50.73 0.74 -0.50	50.21 0.83 -0.39	48.61 0.85 -0.26	49.63 0.97 -0.13	52.42 1.13 0.00	55.97 1.31 0.00	51.35 1.20 0.00	48.56 1.18 0.00	46.32 1.17 0.00	40.82 1.00 0.00	37.19 0.87 0.00	35.96 0.81 0.00
BOONVILLE_115KV_TB1 79983	34.56 0.14 0.00	33.18 0.10 0.00	33.08 0.07 0.00	32.06 0.06 0.00	33.36 0.03 0.00	35.56 0.35 0.00	41.54 0.49 0.00	48.07 0.80 0.00	47.77 1.03 0.00	49.32 1.16 0.00	51.34 1.40 0.00	50.14 1.22 0.00	50.63 1.14 0.00	50.12 1.13 0.00	48.16 0.66 0.00	49.16 0.63 0.00	51.71 0.41 0.00	55.09 0.44 0.00	50.55 0.40 0.00	47.80 0.43 0.00	45.46 0.32 0.00	39.98 0.16 0.00	36.43 0.11 0.00	39.21 0.14 -3.91
BORALEX_4TH_BRANCH 23824	36.52 2.10 0.00	35.07 1.98 0.00	34.92 1.91 0.00	33.79 1.79 0.00	35.26 1.93 0.00	37.21 2.01 0.00	43.34 2.30 0.00	50.06 2.79 0.00	49.93 3.08 -0.11	51.35 2.99 -0.20	53.38 3.05 -0.39	52.57 3.08 -0.57	52.78 2.67 -0.61	52.31 2.84 -0.48	50.62 2.80 -0.33	51.60 2.91 -0.16	54.63 3.33 0.00	58.37 3.72 0.00	53.61 3.46 0.00	50.74 3.36 0.00	48.35 3.21 0.00	42.65 2.83 0.00	38.79 2.47 0.00	37.51 2.36 0.00
BOWLINE___1 23526	35.93 1.51 0.00	34.31 1.22 0.00	34.23 1.22 0.00	33.05 1.05 0.00	34.49 1.17 0.00	36.37 1.16 0.00	42.28 1.23 0.00	49.02 1.75 0.00	48.23 2.20 0.71	48.89 2.07 1.34	49.39 2.10 2.64	47.33 2.25 3.84	47.34 1.93 4.08	47.80 2.01 3.20	47.49 2.19 2.18	50.03 2.57 1.07	54.22 2.92 0.00	57.99 3.33 0.00	53.26 3.11 0.00	50.46 3.08 0.00	48.12 2.98 0.00	42.57 2.75 0.00	38.72 2.40 0.00	37.33 2.18 0.00
BOWLINE___2 23595	35.93 1.51 0.00	34.34 1.26 0.00	34.23 1.22 0.00	33.09 1.09 0.00	34.49 1.17 0.00	36.40 1.20 0.00	42.32 1.27 0.00	49.07 1.80 0.00	48.32 2.29 0.71	48.99 2.17 1.34	49.44 2.15 2.64	47.42 2.35 3.84	47.39 1.98 4.08	47.85 2.06 3.20	47.59 2.28 2.18	50.08 2.62 1.07	54.32 3.03 0.00	58.10 3.45 0.00	53.31 3.16 0.00	50.50 3.13 0.00	48.21 3.07 0.00	42.61 2.79 0.00	38.72 2.40 0.00	37.33 2.18 0.00
BRADY___115KV_TB2 356060	34.56 0.14 0.00	33.21 0.13 0.00	33.14 0.13 0.00	32.13 0.13 0.00	33.16 -0.17 0.00	35.70 0.49 0.00	41.25 0.21 0.00	48.31 1.04 0.00	47.49 0.75 0.00	49.03 0.87 0.00	52.28 2.35 0.00	50.92 2.01 0.00	51.92 2.43 0.00	51.44 2.45 0.00	48.20 0.71 0.00	48.53 0.00 0.00	50.83 -0.46 0.00	54.33 -0.33 0.00	49.80 -0.35 0.00	46.90 -0.47 0.00	44.33 -0.81 0.00	38.55 -1.27 0.00	35.30 -1.02 0.00	62.26 -0.25 -27.35
BRANSCOMB___SOLAR 323811	36.55 2.13 0.00	35.13 2.05 0.00	34.99 1.98 0.00	33.82 1.82 0.00	35.26 1.93 0.00	37.32 2.11 0.00	43.59 2.55 0.00	50.25 2.98 0.00	50.15 3.32 -0.09	51.65 3.32 -0.17	53.61 3.35 -0.33	52.81 3.42 -0.48	53.12 3.12 -0.51	52.57 3.18 -0.40	50.71 2.95 -0.27	51.86 3.20 -0.13	54.79 3.49 0.00	58.59 3.94 0.00	53.76 3.61 0.00	50.84 3.46 0.00	48.39 3.25 0.00	42.57 2.75 0.00	38.65 2.33 0.00	37.33 2.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.21 2.79 0.00	35.36 2.28 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.02 1.97 0.00	50.06 2.79 0.00	50.46 3.32 -0.40	52.01 3.08 -0.76	55.43 4.00 -1.49	55.63 4.55 -2.17	55.56 3.76 -2.31	54.72 3.92 -1.81	52.81 4.08 -1.23	53.98 4.85 -0.60	57.16 5.80 -0.06	60.95 6.29 -0.02	56.03 5.87 -0.02	52.73 5.35 0.00	50.42 5.28 0.00	44.87 4.70 -0.35	40.17 3.85 0.00	38.60 3.45 0.00

BRISTLHL_115KV_TB1 79998	33.52 -0.89 0.00	32.19 -0.89 0.00	32.09 -0.92 0.00	31.14 -0.86 0.00	32.36 -0.97 0.00	34.29 -0.92 0.00	40.06 -0.99 0.00	45.95 -1.32 0.00	45.53 -1.22 0.00	47.01 -1.16 0.00	48.74 -1.20 0.00	47.59 -1.32 0.00	47.96 -1.53 0.00	47.32 -1.67 0.00	45.88 -1.61 0.00	46.83 -1.70 0.00	49.45 -1.85 0.00	52.74 -1.91 0.00	48.34 -1.81 0.00	45.67 -1.71 0.00	43.61 -1.53 0.00	38.55 -1.27 0.00	35.23 -1.09 0.00	34.06 -1.09 0.00
BROOKHAVEN___DRP 24191	37.14 2.72 0.00	35.27 2.18 0.00	34.73 1.72 0.00	33.44 1.44 0.00	34.96 1.63 0.00	36.97 1.76 0.00	42.81 1.76 0.00	49.87 2.60 0.00	50.23 3.08 -0.40	51.77 2.84 -0.76	55.18 3.75 -1.49	55.49 4.40 -2.17	55.37 3.56 -2.31	54.52 3.72 -1.81	52.38 3.66 -1.23	53.84 4.71 -0.60	57.11 5.75 -0.06	60.90 6.23 -0.02	55.98 5.82 -0.02	52.68 5.31 0.00	50.38 5.24 0.00	44.83 4.66 -0.35	40.10 3.78 0.00	38.49 3.34 0.00
BROOKLYN_NAVY_YARD 23515	36.38 1.96 0.00	34.70 1.62 0.00	34.59 1.58 0.00	33.37 1.38 0.00	34.79 1.46 0.00	36.79 1.59 0.00	42.94 1.89 0.00	49.92 2.65 0.00	50.32 3.18 -0.40	52.01 3.09 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
BROOKLYN___ARMY_DRP 323595	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00
BROOKVLE_69_KV_TB1 55790	36.76 2.34 0.00	35.07 1.98 0.00	34.73 1.72 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.93 1.73 0.00	42.98 1.93 0.00	49.92 2.65 0.00	50.32 3.18 -0.40	51.96 3.03 -0.76	54.93 3.50 -1.49	54.95 3.86 -2.17	55.17 3.37 -2.31	54.28 3.48 -1.81	52.38 3.66 -1.23	53.30 4.17 -0.60	56.08 4.72 -0.06	59.81 5.14 -0.02	54.93 4.76 -0.02	51.93 4.55 0.00	49.61 4.47 0.00	44.15 3.98 -0.35	39.59 3.27 0.00	38.11 2.95 0.00
BROOME_2_LFGE 323671	34.63 0.21 0.00	33.28 0.20 0.00	33.18 0.17 0.00	32.22 0.23 0.00	33.56 0.23 0.00	35.56 0.35 0.00	41.46 0.41 0.00	47.36 0.09 0.00	47.08 0.37 0.04	48.57 0.48 0.07	50.34 0.55 0.14	49.05 0.34 0.21	49.32 0.05 0.22	48.77 -0.05 0.17	47.32 -0.05 0.12	48.32 -0.15 0.06	51.14 -0.15 0.00	54.55 -0.11 0.00	49.95 -0.20 0.00	47.19 -0.19 0.00	44.87 -0.27 0.00	39.70 -0.12 0.00	36.39 0.07 0.00	35.22 0.07 0.00
BROOME___LFGE 323600	34.63 0.21 0.00	33.28 0.20 0.00	33.18 0.17 0.00	32.22 0.23 0.00	33.56 0.23 0.00	35.56 0.35 0.00	41.46 0.41 0.00	47.36 0.09 0.00	47.08 0.37 0.04	48.57 0.48 0.07	50.34 0.55 0.14	49.05 0.34 0.21	49.32 0.05 0.22	48.77 -0.05 0.17	47.32 -0.05 0.12	48.32 -0.15 0.06	51.14 -0.15 0.00	54.55 -0.11 0.00	49.95 -0.20 0.00	47.19 -0.19 0.00	44.87 -0.27 0.00	39.70 -0.12 0.00	36.39 0.07 0.00	35.22 0.07 0.00
BROWNFLS_115KV_TB_3_5 80003	33.35 -1.07 0.00	32.06 -1.03 0.00	31.95 -1.06 0.00	30.98 -1.02 0.00	32.02 -1.30 0.00	34.36 -0.84 0.00	39.86 -1.19 0.00	46.47 -0.80 0.00	45.90 -0.84 0.00	47.44 -0.72 0.00	50.14 0.20 0.00	48.91 0.00 0.00	49.64 0.15 0.00	49.23 0.24 0.00	46.45 -1.04 0.00	46.92 -1.60 0.00	49.14 -2.15 0.00	52.41 -2.24 0.00	48.04 -2.11 0.00	45.25 -2.13 0.00	42.93 -2.21 0.00	37.59 -2.23 0.00	34.43 -1.89 0.00	52.31 -1.41 -18.56
BROWNSV1_27_KV_LOAD 356125	36.66 2.24 0.00	35.07 1.98 0.00	34.89 1.88 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.14 1.94 0.00	43.26 2.22 0.00	50.30 3.03 0.00	50.70 3.55 -0.40	52.40 3.47 -0.76	54.83 3.40 -1.50	54.61 3.52 -2.18	54.98 3.17 -2.31	54.08 3.28 -1.81	52.19 3.47 -1.24	53.06 3.93 -0.60	55.55 4.26 0.00	59.30 4.65 0.00	54.46 4.31 0.00	51.74 4.36 0.00	49.39 4.24 0.00	43.57 3.74 0.00	39.55 3.23 0.00	38.14 2.99 0.00
BURROWS___LYONSDAL 23803	34.28 -0.14 0.00	32.92 -0.17 0.00	32.81 -0.20 0.00	31.78 -0.22 0.00	33.06 -0.27 0.00	35.35 0.14 0.00	41.29 0.25 0.00	47.84 0.57 0.00	47.58 0.84 0.00	49.13 0.96 0.00	51.19 1.25 0.00	49.94 1.03 0.00	50.44 0.94 0.00	49.97 0.98 0.00	47.87 0.38 0.00	48.82 0.29 0.00	51.24 -0.05 0.00	54.65 0.00 0.00	50.15 0.00 0.00	47.38 0.00 0.00	45.05 -0.09 0.00	39.62 -0.20 0.00	36.10 -0.22 0.00	40.15 -0.18 -5.17
CAITHNESS_CC_1 323624	37.07 2.65 0.00	35.10 2.02 0.00	34.66 1.65 0.00	33.37 1.38 0.00	34.96 1.63 0.00	36.90 1.69 0.00	42.61 1.56 0.00	49.59 2.32 0.00	49.95 2.80 -0.40	51.62 2.70 -0.76	54.93 3.49 -1.49	55.34 4.25 -2.17	55.22 3.41 -2.31	54.17 3.38 -1.81	52.29 3.56 -1.23	53.64 4.51 -0.60	56.85 5.49 -0.06	60.68 6.01 -0.02	55.78 5.62 -0.02	52.45 5.07 0.00	50.15 5.01 0.00	44.67 4.50 -0.35	39.95 3.63 0.00	38.42 3.27 0.00
CALPINE BETH_PAGE_GT4 24209	36.90 2.48 0.00	35.10 2.02 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.92 1.60 0.00	36.90 1.69 0.00	42.73 1.68 0.00	49.54 2.27 0.00	49.90 2.76 -0.40	51.43 2.50 -0.76	54.53 3.10 -1.49	54.70 3.62 -2.17	54.77 2.97 -2.31	53.93 3.14 -1.81	52.10 3.37 -1.23	53.11 3.98 -0.60	55.98 4.62 -0.06	59.75 5.08 -0.02	54.93 4.76 -0.02	51.83 4.45 0.00	49.57 4.42 0.00	44.31 4.14 -0.35	39.70 3.38 0.00	38.21 3.06 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.90 2.48 0.00	35.03 1.95 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.90 1.69 0.00	42.65 1.60 0.00	49.40 2.13 0.00	49.76 2.62 -0.40	51.43 2.50 -0.76	54.43 3.00 -1.49	54.70 3.62 -2.17	54.77 2.97 -2.31	53.79 2.99 -1.81	52.10 3.37 -1.23	53.11 3.98 -0.60	55.98 4.62 -0.06	59.75 5.08 -0.02	54.93 4.77 -0.02	51.83 4.45 0.00	49.57 4.43 0.00	44.31 4.14 -0.35	39.66 3.34 0.00	38.21 3.06 0.00
CALPINE_BP_GT1 23823	36.90 2.48 0.00	35.03 1.95 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.90 1.69 0.00	42.65 1.60 0.00	49.40 2.13 0.00	49.76 2.62 -0.40	51.43 2.50 -0.76	54.43 3.00 -1.49	54.70 3.62 -2.17	54.77 2.97 -2.31	53.79 2.99 -1.81	52.10 3.37 -1.23	53.11 3.98 -0.60	55.98 4.62 -0.06	59.75 5.08 -0.02	54.93 4.77 -0.02	51.83 4.45 0.00	49.57 4.43 0.00	44.31 4.14 -0.35	39.66 3.34 0.00	38.21 3.06 0.00
CALSPAN___DRP 24200	34.04 -0.38 0.00	32.69 -0.40 0.00	32.48 -0.53 0.00	31.74 -0.26 0.00	33.06 -0.27 0.00	35.31 0.11 0.00	40.96 -0.08 0.00	44.95 -2.32 0.00	45.43 -1.31 0.00	47.25 -0.92 0.00	48.99 -0.95 0.00	47.10 -1.81 0.00	47.02 -2.47 0.00	46.30 -2.69 0.00	44.45 -3.04 0.00	44.98 -3.54 0.00	47.14 -4.15 0.00	49.90 -4.75 0.00	45.43 -4.71 0.00	42.92 -4.45 0.00	40.58 -4.56 0.00	36.32 -3.50 0.00	34.18 -2.14 0.00	33.36 -1.79 0.00

CALVERTON___SOLAR 323806	37.24 2.82 0.00	35.23 2.15 0.00	34.79 1.78 0.00	33.50 1.50 0.00	35.09 1.77 0.00	37.04 1.83 0.00	42.77 1.72 0.00	49.87 2.60 0.00	50.18 3.04 -0.40	51.91 2.99 -0.76	55.23 3.79 -1.49	55.68 4.60 -2.17	55.52 3.71 -2.31	54.47 3.68 -1.81	52.48 3.75 -1.23	53.98 4.85 -0.60	57.26 5.90 -0.06	61.12 6.45 -0.02	56.18 6.02 -0.02	52.82 5.45 0.00	50.56 5.41 0.00	44.99 4.82 -0.35	40.13 3.81 0.00	38.60 3.45 0.00
CANDIGU_WT_PWR 323617	34.25 -0.17 0.00	33.08 0.00 0.00	32.88 -0.13 0.00	32.10 0.10 0.00	33.42 0.10 0.00	35.66 0.46 0.00	41.46 0.41 0.00	46.47 -0.80 0.00	46.51 -0.23 0.00	48.17 0.00 0.00	49.99 0.05 0.00	48.33 -0.58 0.00	48.26 -1.24 0.00	47.37 -1.62 0.00	45.73 -1.76 0.00	46.39 -2.13 0.00	48.83 -2.46 0.00	51.81 -2.84 0.00	47.19 -2.96 0.00	44.54 -2.84 0.00	42.16 -2.98 0.00	37.47 -2.35 0.00	34.69 -1.63 0.00	33.68 -1.48 0.00
CARR STREET_E_SYR 24060	33.80 -0.62 0.00	32.49 -0.59 0.00	32.35 -0.66 0.00	31.42 -0.58 0.00	32.69 -0.63 0.00	34.64 -0.56 0.00	40.43 -0.61 0.00	46.37 -0.90 0.00	45.99 -0.75 0.00	47.49 -0.67 0.00	49.29 -0.65 0.00	48.08 -0.83 0.00	48.45 -1.04 0.00	47.86 -1.12 0.00	46.35 -1.14 0.00	47.31 -1.21 0.00	50.02 -1.28 0.00	53.34 -1.31 0.00	48.85 -1.30 0.00	46.15 -1.23 0.00	44.02 -1.13 0.00	38.87 -0.96 0.00	35.56 -0.76 0.00	34.38 -0.77 0.00
CARTHAGE___PAPER 23857	33.52 -0.90 0.00	32.19 -0.89 0.00	32.05 -0.96 0.00	31.07 -0.93 0.00	32.26 -1.07 0.00	34.64 -0.56 0.00	40.47 -0.57 0.00	47.13 -0.14 0.00	46.74 0.00 0.00	48.31 0.14 0.00	50.49 0.55 0.00	49.16 0.25 0.00	49.74 0.25 0.00	49.38 0.39 0.00	47.02 -0.47 0.00	47.85 -0.68 0.00	50.17 -1.13 0.00	53.40 -1.25 0.00	49.05 -1.10 0.00	46.34 -1.04 0.00	44.02 -1.13 0.00	38.63 -1.19 0.00	35.20 -1.13 0.00	42.60 -0.98 -8.43
CASSADAGA_WT_PWR 323784	35.00 0.58 0.00	33.98 0.89 0.00	33.57 0.56 0.00	32.89 0.89 0.00	34.29 0.97 0.00	36.75 1.55 0.00	42.61 1.56 0.00	46.89 -0.38 0.00	47.16 0.42 0.00	48.93 0.77 0.00	50.64 0.70 0.00	48.52 -0.39 0.00	48.26 -1.24 0.00	47.23 -1.76 0.00	45.12 -2.37 0.00	45.28 -3.25 0.00	47.29 -4.00 0.00	49.57 -5.08 0.00	44.88 -5.26 0.00	42.21 -5.16 0.00	39.81 -5.33 0.00	35.64 -4.18 0.00	33.56 -2.76 0.00	32.66 -2.50 0.00
CE_DUNWOOD___DRP 24194	36.24 1.82 0.00	34.67 1.59 0.00	34.50 1.49 0.00	33.34 1.34 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.73 1.68 0.00	49.59 2.32 0.00	49.96 2.80 -0.41	51.65 2.70 -0.78	54.23 2.75 -1.54	53.99 2.84 -2.24	54.40 2.52 -2.38	53.45 2.60 -1.86	51.52 2.75 -1.27	52.35 3.20 -0.62	54.84 3.54 0.00	58.54 3.88 0.00	53.76 3.61 0.00	50.98 3.60 0.00	48.62 3.48 0.00	42.93 3.11 0.00	39.01 2.69 0.00	37.58 2.43 0.00
CE_MILLWOOD___DRP 24193	36.14 1.72 0.00	34.60 1.52 0.00	34.43 1.42 0.00	33.28 1.28 0.00	34.69 1.37 0.00	36.65 1.44 0.00	42.65 1.60 0.00	49.49 2.22 0.00	49.88 2.71 -0.42	51.52 2.55 -0.80	54.10 2.60 -1.57	53.93 2.74 -2.28	54.30 2.38 -2.42	53.39 2.50 -1.90	51.45 2.66 -1.30	52.22 3.06 -0.63	54.68 3.39 0.00	58.43 3.77 0.00	53.66 3.51 0.00	50.84 3.46 0.00	48.53 3.39 0.00	42.85 3.03 0.00	38.90 2.58 0.00	37.51 2.36 0.00
CE_NYC2_DRP 24202	36.52 2.10 0.00	35.00 1.92 0.00	34.79 1.78 0.00	33.54 1.54 0.00	34.96 1.63 0.00	36.97 1.76 0.00	42.98 1.93 0.00	49.82 2.55 0.00	50.18 3.04 -0.40	51.82 2.89 -0.76	54.23 2.80 -1.50	54.02 2.93 -2.17	54.43 2.62 -2.31	53.49 2.69 -1.81	51.72 2.99 -1.24	52.58 3.45 -0.60	55.14 3.85 0.00	58.75 4.10 0.00	53.96 3.81 0.00	51.31 3.93 0.00	48.98 3.84 0.00	43.29 3.46 0.00	39.41 3.09 0.00	38.00 2.85 0.00
CE_NYC_DRP 24195	36.41 2.00 0.00	34.87 1.79 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.90 1.69 0.00	42.98 1.93 0.00	49.96 2.69 0.00	50.37 3.23 -0.40	52.06 3.13 -0.76	54.48 3.05 -1.50	54.27 3.18 -2.18	54.63 2.82 -2.31	53.74 2.94 -1.81	51.91 3.18 -1.24	52.72 3.59 -0.60	55.19 3.90 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.41 4.03 0.00	49.07 3.93 0.00	43.29 3.46 0.00	39.30 2.98 0.00	37.90 2.74 0.00
CHAFFEE___LFGE 323603	34.11 -0.31 0.00	33.02 -0.07 0.00	32.62 -0.39 0.00	31.87 -0.13 0.00	33.19 -0.13 0.00	35.52 0.32 0.00	41.17 0.12 0.00	45.24 -2.03 0.00	45.62 -1.12 0.00	47.44 -0.72 0.00	49.24 -0.70 0.00	47.30 -1.61 0.00	47.32 -2.18 0.00	46.54 -2.45 0.00	44.79 -2.71 0.00	45.28 -3.25 0.00	47.60 -3.69 0.00	50.23 -4.43 0.00	45.78 -4.36 0.00	43.25 -4.12 0.00	40.85 -4.29 0.00	36.60 -3.22 0.00	34.43 -1.89 0.00	33.57 -1.58 0.00
CHATEAUG_35_KV_LOAD 355732	33.90 -0.52 0.00	32.69 -0.40 0.00	32.81 -0.20 0.00	31.81 -0.19 0.00	33.16 -0.17 0.00	35.10 -0.11 0.00	41.09 0.04 0.00	47.65 0.38 0.00	46.56 -0.19 0.00	48.17 0.00 0.00	50.14 0.20 0.00	49.50 0.59 0.00	50.73 1.24 0.00	50.21 1.22 0.00	48.54 1.04 0.00	49.11 0.58 0.00	51.55 0.26 0.00	54.76 0.11 0.00	49.85 -0.30 0.00	46.48 -0.90 0.00	43.92 -1.22 0.00	38.27 -1.55 0.00	34.80 -1.53 0.00	-9.83 -1.30 43.69
CHATEAUG_WT_PWR 323614	33.80 -0.62 0.00	32.55 -0.53 0.00	32.71 -0.30 0.00	31.74 -0.26 0.00	33.06 -0.27 0.00	34.96 -0.24 0.00	40.92 -0.12 0.00	47.46 0.19 0.00	46.42 -0.32 0.00	48.02 -0.14 0.00	49.94 0.00 0.00	49.26 0.34 0.00	50.49 0.99 0.00	50.02 1.03 0.00	48.30 0.81 0.00	48.91 0.39 0.00	51.35 0.05 0.00	54.11 -0.55 0.00	49.70 -0.45 0.00	46.29 -1.09 0.00	43.79 -1.35 0.00	38.15 -1.67 0.00	34.69 -1.63 0.00	-6.91 -1.51 40.56
CHAT_HIGH_FALL_HYD 323578	33.90 -0.52 0.00	32.69 -0.40 0.00	32.81 -0.20 0.00	31.81 -0.19 0.00	33.16 -0.17 0.00	35.10 -0.11 0.00	41.09 0.04 0.00	47.65 0.38 0.00	46.56 -0.19 0.00	48.17 0.00 0.00	50.14 0.20 0.00	49.50 0.59 0.00	50.73 1.24 0.00	50.21 1.22 0.00	48.54 1.04 0.00	49.11 0.58 0.00	51.55 0.26 0.00	54.76 0.11 0.00	49.85 -0.30 0.00	46.48 -0.90 0.00	43.92 -1.22 0.00	38.27 -1.55 0.00	34.80 -1.53 0.00	-9.83 -1.30 43.69
CHAUTAUQUA___LFGE 323629	34.52 0.10 0.00	33.48 0.40 0.00	33.04 0.03 0.00	32.35 0.35 0.00	33.66 0.33 0.00	36.09 0.88 0.00	41.74 0.70 0.00	45.80 -1.47 0.00	46.18 -0.56 0.00	47.97 -0.19 0.00	49.74 -0.20 0.00	47.69 -1.22 0.00	47.61 -1.88 0.00	46.74 -2.25 0.00	44.79 -2.71 0.00	45.13 -3.40 0.00	47.35 -3.95 0.00	49.79 -4.86 0.00	45.28 -4.86 0.00	42.73 -4.64 0.00	40.40 -4.74 0.00	36.12 -3.70 0.00	34.03 -2.29 0.00	33.19 -1.97 0.00
CHERRYST_13_KV_LD 356241	36.52 2.10 0.00	34.93 1.85 0.00	34.76 1.75 0.00	33.54 1.54 0.00	34.96 1.63 0.00	37.00 1.80 0.00	43.10 2.05 0.00	50.11 2.84 0.00	50.51 3.37 -0.40	52.20 3.28 -0.76	54.63 3.20 -1.50	54.42 3.33 -2.18	54.83 3.02 -2.31	53.89 3.09 -1.81	52.05 3.32 -1.24	52.92 3.79 -0.60	55.40 4.10 0.00	59.08 4.43 0.00	54.26 4.11 0.00	51.55 4.17 0.00	49.21 4.06 0.00	43.41 3.58 0.00	39.41 3.09 0.00	38.00 2.85 0.00

CHESTROR_138KV_BK263 355645	35.69 1.27 0.00	34.17 1.09 0.00	34.03 1.02 0.00	32.90 0.90 0.00	34.29 0.97 0.00	36.23 1.02 0.00	42.15 1.11 0.00	48.83 1.56 0.00	48.22 2.01 0.53	48.99 1.83 1.00	49.81 1.85 1.97	48.01 1.96 2.86	48.08 1.63 3.05	48.32 1.71 2.39	47.76 1.90 1.63	50.01 2.28 0.80	54.12 2.82 0.00	57.82 3.17 0.00	53.06 2.91 0.00	50.27 2.89 0.00	47.94 2.80 0.00	42.33 2.51 0.00	38.50 2.18 0.00	37.12 1.97 0.00
CH_MIDHUDSON___DRP 24192	36.31 1.89 0.00	34.77 1.69 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.98 1.93 0.00	49.78 2.51 0.00	49.84 2.99 -0.10	51.15 2.79 -0.19	53.11 2.80 -0.38	52.40 2.93 -0.55	52.65 2.57 -0.59	52.14 2.69 -0.46	50.65 2.85 -0.31	51.93 3.25 -0.15	54.94 3.64 0.00	58.70 4.04 0.00	53.86 3.71 0.00	50.98 3.60 0.00	48.66 3.52 0.00	42.89 3.07 0.00	38.97 2.65 0.00	37.58 2.43 0.00
CH_MISC_IPPS 23765	36.41 2.00 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.89 1.57 0.00	36.90 1.69 0.00	43.06 2.01 0.00	49.87 2.60 0.00	49.87 3.13 0.00	51.06 2.89 0.00	52.83 2.90 0.00	51.95 3.03 0.00	52.17 2.67 0.00	51.78 2.79 0.00	50.44 2.95 0.00	51.92 3.40 0.00	55.15 3.85 0.00	59.03 4.37 0.00	54.11 3.96 0.00	51.17 3.79 0.00	48.84 3.70 0.00	43.05 3.22 0.00	39.12 2.80 0.00	37.72 2.56 0.00
CH_RES_BVR_FALLS 23983	33.73 -0.69 0.00	32.45 -0.63 0.00	32.45 -0.56 0.00	31.49 -0.51 0.00	32.89 -0.43 0.00	34.82 -0.39 0.00	40.76 -0.29 0.00	47.08 -0.19 0.00	46.32 -0.42 0.00	47.78 -0.39 0.00	49.64 -0.30 0.00	48.72 -0.19 0.00	49.64 0.15 0.00	49.09 0.10 0.00	47.49 0.00 0.00	48.33 -0.19 0.00	50.88 -0.41 0.00	54.11 -0.55 0.00	49.60 -0.55 0.00	46.71 -0.66 0.00	44.37 -0.77 0.00	38.98 -0.84 0.00	35.52 -0.80 0.00	32.90 -0.70 1.55
CH_RES_NIAGARA 23895	32.53 -1.89 0.00	31.20 -1.89 0.00	31.00 -2.01 0.00	30.30 -1.70 0.00	31.52 -1.80 0.00	33.69 -1.51 0.00	38.95 -2.09 0.00	42.40 -4.87 0.00	43.00 -3.74 0.00	44.70 -3.47 0.00	46.34 -3.60 0.00	44.46 -4.45 0.00	44.45 -5.05 0.00	43.80 -5.19 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.78 -6.51 0.00	47.44 -7.21 0.00	43.28 -6.87 0.00	40.88 -6.49 0.00	38.73 -6.41 0.00	34.64 -5.18 0.00	32.76 -3.56 0.00	32.06 -3.09 0.00
CH_RES_SYRACUSE 23985	34.04 -0.38 0.00	32.69 -0.40 0.00	32.55 -0.46 0.00	31.62 -0.38 0.00	32.86 -0.47 0.00	34.85 -0.35 0.00	40.68 -0.37 0.00	46.65 -0.62 0.00	46.23 -0.51 0.00	47.78 -0.39 0.00	49.54 -0.40 0.00	48.38 -0.54 0.00	48.70 -0.79 0.00	48.06 -0.93 0.00	46.59 -0.90 0.00	47.56 -0.97 0.00	50.27 -1.03 0.00	53.61 -1.04 0.00	49.15 -1.00 0.00	46.43 -0.95 0.00	44.28 -0.86 0.00	39.15 -0.68 0.00	35.74 -0.58 0.00	34.59 -0.56 0.00
CLINTON_WT_PWR 323605	33.80 -0.62 0.00	32.55 -0.53 0.00	32.71 -0.30 0.00	31.74 -0.26 0.00	33.06 -0.27 0.00	34.96 -0.24 0.00	40.92 -0.12 0.00	47.46 0.19 0.00	46.42 -0.32 0.00	48.02 -0.14 0.00	49.94 0.00 0.00	49.26 0.34 0.00	50.49 0.99 0.00	50.02 1.03 0.00	48.30 0.81 0.00	48.91 0.39 0.00	51.35 0.05 0.00	54.11 -0.55 0.00	49.70 -0.45 0.00	46.29 -1.09 0.00	43.79 -1.35 0.00	38.15 -1.67 0.00	34.69 -1.63 0.00	-6.91 -1.51 40.56
CLINTON___LFGE 323618	34.21 -0.21 0.00	32.98 -0.10 0.00	33.11 0.10 0.00	32.10 0.10 0.00	33.49 0.17 0.00	35.45 0.25 0.00	41.54 0.49 0.00	48.21 0.95 0.00	47.07 0.33 0.00	48.70 0.53 0.00	50.69 0.75 0.00	49.99 1.07 0.00	51.27 1.78 0.00	50.70 1.71 0.00	49.01 1.52 0.00	49.59 1.07 0.00	52.01 0.72 0.00	54.76 0.11 0.00	50.35 0.20 0.00	46.95 -0.43 0.00	44.42 -0.72 0.00	38.67 -1.16 0.00	35.16 -1.16 0.00	-7.17 -0.95 41.37
COBBLENY_34_KV_TB1 80064	34.18 -0.24 0.00	32.82 -0.26 0.00	32.61 -0.40 0.00	31.87 -0.13 0.00	33.19 -0.13 0.00	35.45 0.25 0.00	41.13 0.08 0.00	45.19 -2.08 0.00	45.62 -1.12 0.00	47.44 -0.72 0.00	49.24 -0.70 0.00	47.35 -1.57 0.00	47.32 -2.18 0.00	46.54 -2.45 0.00	44.74 -2.75 0.00	45.27 -3.25 0.00	47.45 -3.85 0.00	50.23 -4.43 0.00	45.78 -4.36 0.00	43.21 -4.17 0.00	40.85 -4.29 0.00	36.59 -3.23 0.00	34.40 -1.93 0.00	33.57 -1.58 0.00
COFFEEN___115KV_TB3 355620	33.90 -0.52 0.00	32.52 -0.56 0.00	32.35 -0.66 0.00	31.36 -0.64 0.00	32.59 -0.73 0.00	34.96 -0.25 0.00	40.88 -0.16 0.00	47.60 0.33 0.00	47.21 0.47 0.00	48.84 0.67 0.00	50.99 1.05 0.00	49.55 0.64 0.00	50.04 0.54 0.00	49.63 0.64 0.00	47.44 -0.05 0.00	48.43 -0.10 0.00	50.83 -0.46 0.00	54.16 -0.49 0.00	49.70 -0.45 0.00	47.00 -0.38 0.00	44.69 -0.45 0.00	39.23 -0.60 0.00	35.70 -0.62 0.00	41.60 -0.56 -7.01
COLDSPRG_115KV_BK1 355956	35.59 1.17 0.00	34.24 1.16 0.00	34.03 1.02 0.00	33.34 1.34 0.00	34.76 1.43 0.00	37.11 1.90 0.00	43.14 2.09 0.00	47.65 0.38 0.00	48.00 1.26 0.00	49.85 1.69 0.00	51.79 1.85 0.00	49.80 0.88 0.00	49.64 0.15 0.00	48.70 -0.29 0.00	46.64 -0.85 0.00	47.02 -1.50 0.00	49.09 -2.21 0.00	51.87 -2.79 0.00	47.14 -3.01 0.00	44.39 -2.98 0.00	41.89 -3.25 0.00	37.55 -2.27 0.00	35.27 -1.05 0.00	34.31 -0.84 0.00
COLONIE_LFGE___ 323577	36.00 1.58 0.00	34.54 1.45 0.00	34.46 1.45 0.00	33.34 1.34 0.00	34.76 1.43 0.00	36.65 1.44 0.00	42.69 1.64 0.00	49.25 1.98 0.00	49.12 2.29 -0.09	50.56 2.22 -0.17	52.53 2.25 -0.34	51.76 2.35 -0.50	52.05 2.03 -0.53	51.56 2.15 -0.41	49.81 2.04 -0.28	50.90 2.23 -0.14	53.81 2.51 0.00	57.49 2.84 0.00	52.76 2.61 0.00	49.89 2.51 0.00	47.53 2.39 0.00	41.89 2.07 0.00	38.10 1.78 0.00	36.84 1.69 0.00
COOPERNY_115KV_TB1 80082	35.31 0.89 0.00	33.88 0.79 0.00	33.74 0.73 0.00	32.67 0.67 0.00	34.02 0.70 0.00	35.94 0.74 0.00	41.83 0.78 0.00	48.36 1.09 0.00	47.81 1.40 0.34	48.83 1.30 0.63	49.99 1.30 1.25	48.47 1.37 1.81	48.71 1.14 1.93	48.66 1.18 1.51	47.74 1.28 1.03	49.58 1.55 0.50	53.25 1.95 0.00	56.90 2.24 0.00	52.21 2.06 0.00	49.42 2.04 0.00	47.08 1.94 0.00	41.61 1.79 0.00	37.88 1.56 0.00	36.56 1.41 0.00
COPENHAGEN_WT_PWR 323753	33.69 -0.72 0.00	32.35 -0.73 0.00	32.22 -0.79 0.00	31.23 -0.77 0.00	32.43 -0.90 0.00	34.75 -0.46 0.00	40.60 -0.45 0.00	47.18 -0.09 0.00	46.84 0.09 0.00	48.41 0.24 0.00	50.54 0.60 0.00	49.16 0.25 0.00	49.64 0.15 0.00	49.24 0.25 0.00	47.06 -0.43 0.00	48.04 -0.49 0.00	50.42 -0.87 0.00	53.61 -1.04 0.00	49.25 -0.90 0.00	46.57 -0.81 0.00	44.28 -0.86 0.00	38.91 -0.91 0.00	35.45 -0.87 0.00	40.98 -0.81 -6.63
CORNELL_____ 23752	34.93 0.52 0.00	33.51 0.43 0.00	33.41 0.40 0.00	32.45 0.45 0.00	33.76 0.43 0.00	35.84 0.63 0.00	41.91 0.86 0.00	47.79 0.52 0.00	47.44 0.70 0.00	49.03 0.87 0.00	50.84 0.90 0.00	49.60 0.68 0.00	49.94 0.45 0.00	49.28 0.29 0.00	47.78 0.28 0.00	48.77 0.24 0.00	51.60 0.31 0.00	55.36 0.71 0.00	50.70 0.55 0.00	47.85 0.47 0.00	45.55 0.41 0.00	40.22 0.40 0.00	36.76 0.44 0.00	35.54 0.39 0.00

CORONA__69_KV_TB1 355595	36.79 2.37 0.00	35.03 1.95 0.00	34.66 1.65 0.00	33.38 1.38 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.81 1.76 0.00	49.78 2.51 0.00	50.14 2.99 -0.40	51.67 2.75 -0.76	54.73 3.30 -1.49	54.85 3.77 -2.17	54.97 3.17 -2.31	54.13 3.33 -1.81	52.29 3.56 -1.23	53.25 4.12 -0.60	56.08 4.72 -0.06	59.81 5.14 -0.02	54.98 4.81 -0.02	51.97 4.60 0.00	49.66 4.51 0.00	44.24 4.06 -0.35	39.66 3.34 0.00	38.11 2.95 0.00
CORTLAND__115KV_TB3 80093	34.66 0.24 0.00	33.28 0.20 0.00	33.18 0.17 0.00	32.22 0.22 0.00	33.52 0.20 0.00	35.56 0.35 0.00	41.54 0.49 0.00	47.55 0.28 0.00	47.26 0.51 0.00	48.79 0.63 0.00	50.59 0.65 0.00	49.40 0.49 0.00	49.74 0.25 0.00	49.14 0.15 0.00	47.59 0.09 0.00	48.57 0.05 0.00	51.35 0.05 0.00	54.87 0.22 0.00	50.25 0.10 0.00	47.47 0.09 0.00	45.19 0.05 0.00	39.90 0.08 0.00	36.47 0.15 0.00	35.29 0.14 0.00
COXSACKIE__GT 23611	36.62 2.20 0.00	35.07 1.98 0.00	34.99 1.98 0.00	33.73 1.73 0.00	35.19 1.87 0.00	37.14 1.94 0.00	43.59 2.55 0.00	50.11 2.84 0.00	50.02 3.22 -0.05	50.91 2.65 -0.10	52.53 2.40 -0.19	51.59 2.40 -0.28	51.97 2.18 -0.30	51.53 2.30 -0.23	50.02 2.37 -0.16	51.51 2.91 -0.08	54.79 3.49 0.00	58.86 4.21 0.00	53.81 3.66 0.00	50.64 3.27 0.00	48.30 3.16 0.00	42.33 2.51 0.00	38.50 2.18 0.00	37.19 2.04 0.00
CPV_VALLEY__CC1 323721	35.45 1.03 0.00	33.91 0.83 0.00	33.80 0.79 0.00	32.70 0.70 0.00	34.09 0.77 0.00	35.98 0.77 0.00	41.82 0.78 0.00	48.45 1.18 0.00	47.85 1.59 0.48	48.71 1.44 0.90	49.61 1.45 1.78	47.90 1.56 2.58	48.03 1.28 2.75	48.16 1.32 2.15	47.54 1.52 1.47	49.60 1.80 0.72	53.61 2.31 0.00	57.28 2.62 0.00	52.56 2.41 0.00	49.75 2.37 0.00	47.44 2.30 0.00	41.93 2.11 0.00	38.14 1.82 0.00	36.77 1.62 0.00
CPV_VALLEY__CC2 323722	35.45 1.03 0.00	33.91 0.83 0.00	33.80 0.79 0.00	32.70 0.70 0.00	34.09 0.77 0.00	35.98 0.77 0.00	41.82 0.78 0.00	48.45 1.18 0.00	47.85 1.59 0.48	48.71 1.44 0.90	49.61 1.45 1.78	47.90 1.56 2.58	48.03 1.28 2.75	48.16 1.32 2.15	47.54 1.52 1.47	49.60 1.80 0.72	53.61 2.31 0.00	57.28 2.62 0.00	52.56 2.41 0.00	49.75 2.37 0.00	47.44 2.30 0.00	41.93 2.11 0.00	38.14 1.82 0.00	36.77 1.62 0.00
CRESCENT__HYD 24018	36.00 1.58 0.00	34.54 1.45 0.00	34.46 1.45 0.00	33.34 1.34 0.00	34.76 1.43 0.00	36.65 1.44 0.00	42.69 1.64 0.00	49.25 1.98 0.00	49.12 2.29 -0.09	50.56 2.22 -0.17	52.53 2.25 -0.34	51.76 2.35 -0.50	52.05 2.03 -0.53	51.56 2.15 -0.41	49.81 2.04 -0.28	50.90 2.23 -0.14	53.81 2.51 0.00	57.49 2.84 0.00	52.76 2.61 0.00	49.89 2.51 0.00	47.53 2.39 0.00	41.89 2.07 0.00	38.10 1.78 0.00	36.84 1.69 0.00
CRICKET__VALLEY_CC1 323756	36.04 1.62 0.00	34.44 1.36 0.00	34.36 1.35 0.00	33.18 1.18 0.00	34.59 1.27 0.00	36.51 1.30 0.00	42.48 1.44 0.00	49.21 1.94 0.00	49.39 2.38 -0.27	50.93 2.26 -0.50	53.23 2.30 -0.99	52.80 2.44 -1.44	53.11 2.08 -1.53	52.40 2.21 -1.20	50.64 2.33 -0.82	51.54 2.62 -0.40	54.17 2.87 0.00	57.88 3.22 0.00	53.11 2.96 0.00	50.32 2.94 0.00	48.03 2.89 0.00	42.37 2.55 0.00	38.54 2.22 0.00	37.16 2.00 0.00
CRICKET__VALLEY_CC2 323757	36.04 1.62 0.00	34.44 1.36 0.00	34.36 1.35 0.00	33.18 1.18 0.00	34.59 1.27 0.00	36.51 1.30 0.00	42.48 1.44 0.00	49.21 1.94 0.00	49.39 2.38 -0.27	50.93 2.26 -0.50	53.23 2.30 -0.99	52.80 2.44 -1.44	53.11 2.08 -1.53	52.40 2.21 -1.20	50.64 2.33 -0.82	51.54 2.62 -0.40	54.17 2.87 0.00	57.88 3.22 0.00	53.11 2.96 0.00	50.32 2.94 0.00	48.03 2.89 0.00	42.37 2.55 0.00	38.54 2.22 0.00	37.16 2.00 0.00
CRICKET__VALLEY_CC3 323758	36.04 1.62 0.00	34.44 1.36 0.00	34.36 1.35 0.00	33.18 1.18 0.00	34.59 1.27 0.00	36.51 1.30 0.00	42.48 1.44 0.00	49.21 1.94 0.00	49.39 2.38 -0.27	50.93 2.26 -0.50	53.23 2.30 -0.99	52.80 2.44 -1.44	53.11 2.08 -1.53	52.40 2.21 -1.20	50.64 2.33 -0.82	51.54 2.62 -0.40	54.17 2.87 0.00	57.88 3.22 0.00	53.11 2.96 0.00	50.32 2.94 0.00	48.03 2.89 0.00	42.37 2.55 0.00	38.54 2.22 0.00	37.16 2.00 0.00
CRUCIBLE__METL_DRP 24180	34.04 -0.38 0.00	32.65 -0.43 0.00	32.55 -0.46 0.00	31.62 -0.38 0.00	32.86 -0.47 0.00	34.82 -0.39 0.00	40.68 -0.37 0.00	46.66 -0.61 0.00	46.23 -0.51 0.00	47.78 -0.39 0.00	49.54 -0.40 0.00	48.38 -0.54 0.00	48.70 -0.79 0.00	48.11 -0.88 0.00	46.59 -0.90 0.00	47.56 -0.97 0.00	50.22 -1.08 0.00	53.62 -1.04 0.00	49.15 -1.00 0.00	46.43 -0.95 0.00	44.28 -0.86 0.00	39.15 -0.68 0.00	35.74 -0.58 0.00	34.59 -0.56 0.00
DAHOWA__HYDRO 323763	36.72 2.31 0.00	35.30 2.22 0.00	35.15 2.14 0.00	33.98 1.98 0.00	35.43 2.10 0.00	37.49 2.29 0.00	43.84 2.79 0.00	50.53 3.26 0.00	50.48 3.65 -0.09	51.99 3.66 -0.16	53.91 3.64 -0.32	53.10 3.72 -0.47	53.41 3.41 -0.50	52.86 3.48 -0.39	50.99 3.23 -0.27	52.15 3.50 -0.13	55.09 3.80 0.00	58.92 4.27 0.00	54.06 3.91 0.00	51.12 3.74 0.00	48.67 3.52 0.00	42.77 2.95 0.00	38.79 2.47 0.00	37.47 2.32 0.00
DANC__LFGE 323619	33.66 -0.76 0.00	32.32 -0.76 0.00	32.19 -0.82 0.00	31.20 -0.80 0.00	32.43 -0.90 0.00	34.61 -0.60 0.00	40.39 -0.66 0.00	46.75 -0.52 0.00	46.37 -0.38 0.00	47.93 -0.24 0.00	49.89 -0.05 0.00	48.62 -0.29 0.00	49.05 -0.45 0.00	48.55 -0.44 0.00	46.64 -0.85 0.00	47.60 -0.92 0.00	50.12 -1.18 0.00	53.29 -1.36 0.00	48.90 -1.25 0.00	46.24 -1.14 0.00	44.06 -1.08 0.00	38.83 -0.99 0.00	35.41 -0.91 0.00	38.83 -0.88 -4.55
DANSKAMMER__1 23586	36.41 2.00 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.89 1.57 0.00	36.90 1.69 0.00	43.06 2.01 0.00	49.87 2.60 0.00	49.87 3.13 0.00	51.06 2.89 0.00	52.83 2.90 0.00	51.95 3.03 0.00	52.17 2.67 0.00	51.78 2.79 0.00	50.44 2.95 0.00	51.92 3.40 0.00	55.15 3.85 0.00	59.03 4.37 0.00	54.11 3.96 0.00	51.17 3.79 0.00	48.84 3.70 0.00	43.05 3.22 0.00	39.12 2.80 0.00	37.72 2.56 0.00
DANSKAMMER__2 23589	36.41 2.00 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.89 1.57 0.00	36.90 1.69 0.00	43.06 2.01 0.00	49.87 2.60 0.00	49.87 3.13 0.00	51.06 2.89 0.00	52.83 2.90 0.00	51.95 3.03 0.00	52.17 2.67 0.00	51.78 2.79 0.00	50.44 2.95 0.00	51.92 3.40 0.00	55.15 3.85 0.00	59.03 4.37 0.00	54.11 3.96 0.00	51.17 3.79 0.00	48.84 3.70 0.00	43.05 3.22 0.00	39.12 2.80 0.00	37.72 2.56 0.00
DANSKAMMER__3 23590	36.41 2.00 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.89 1.57 0.00	36.90 1.69 0.00	43.06 2.01 0.00	49.87 2.60 0.00	49.87 3.13 0.00	51.06 2.89 0.00	52.83 2.90 0.00	51.95 3.03 0.00	52.17 2.67 0.00	51.78 2.79 0.00	50.44 2.95 0.00	51.92 3.40 0.00	55.15 3.85 0.00	59.03 4.37 0.00	54.11 3.96 0.00	51.17 3.79 0.00	48.84 3.70 0.00	43.05 3.22 0.00	39.12 2.80 0.00	37.72 2.56 0.00

DANSKAMMER___4 23591	36.41 2.00 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.89 1.57 0.00	36.90 1.69 0.00	43.06 2.01 0.00	49.87 2.60 0.00	49.87 3.13 0.00	51.06 2.89 0.00	52.83 2.90 0.00	51.95 3.03 0.00	52.17 2.67 0.00	51.78 2.79 0.00	50.44 2.95 0.00	51.92 3.40 0.00	55.15 3.85 0.00	59.03 4.37 0.00	54.11 3.96 0.00	51.17 3.79 0.00	48.84 3.70 0.00	43.05 3.22 0.00	39.12 2.80 0.00	37.72 2.56 0.00
DANSKAMMER___DIESEL 23592	36.38 1.96 0.00	34.80 1.72 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.89 1.57 0.00	36.93 1.73 0.00	43.06 2.01 0.00	49.87 2.60 0.00	49.87 3.13 0.00	51.06 2.89 0.00	52.83 2.90 0.00	51.90 2.98 0.00	52.17 2.67 0.00	51.78 2.79 0.00	50.44 2.94 0.00	51.92 3.40 0.00	55.19 3.90 0.00	59.03 4.37 0.00	54.11 3.96 0.00	51.22 3.84 0.00	48.84 3.70 0.00	43.05 3.23 0.00	39.12 2.80 0.00	37.72 2.57 0.00
DARBY___SOLAR 323810	36.59 2.17 0.00	35.13 2.05 0.00	34.99 1.98 0.00	33.85 1.86 0.00	35.29 1.97 0.00	37.32 2.11 0.00	43.59 2.55 0.00	50.25 2.98 0.00	50.20 3.37 -0.09	51.70 3.37 -0.17	53.61 3.35 -0.33	52.81 3.42 -0.48	53.12 3.12 -0.51	52.57 3.18 -0.40	50.75 2.99 -0.27	51.91 3.25 -0.13	54.83 3.54 0.00	58.64 3.99 0.00	53.81 3.66 0.00	50.88 3.51 0.00	48.39 3.25 0.00	42.57 2.75 0.00	38.65 2.33 0.00	37.33 2.18 0.00
DASHVILLE___HYD 23610	36.55 2.13 0.00	34.93 1.85 0.00	34.79 1.78 0.00	33.54 1.54 0.00	34.99 1.67 0.00	37.11 1.90 0.00	43.39 2.34 0.00	50.20 2.93 0.00	50.21 3.51 0.04	51.22 3.13 0.08	52.88 3.10 0.15	51.87 3.18 0.22	52.08 2.82 0.24	51.74 2.94 0.19	50.54 3.18 0.13	52.25 3.79 0.06	55.66 4.36 0.00	59.68 5.03 0.00	54.61 4.46 0.00	51.64 4.26 0.00	49.30 4.15 0.00	43.37 3.54 0.00	39.41 3.09 0.00	37.97 2.81 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.31 2.89 0.00	35.40 2.32 0.00	34.83 1.82 0.00	33.50 1.50 0.00	35.06 1.73 0.00	37.00 1.80 0.00	42.98 1.93 0.00	50.15 2.88 0.00	50.46 3.32 -0.40	52.10 3.18 -0.76	55.53 4.09 -1.49	55.93 4.84 -2.17	55.76 3.96 -2.31	54.86 4.07 -1.81	52.67 3.94 -1.23	54.22 5.10 -0.60	57.67 6.31 -0.06	61.45 6.78 -0.02	56.53 6.37 -0.02	53.21 5.83 0.00	51.06 5.91 0.00	45.31 5.14 -0.35	40.14 3.81 0.00	38.63 3.48 0.00
DELAWARE___LFGE 323621	35.38 0.96 0.00	34.01 0.93 0.00	33.93 0.92 0.00	32.90 0.90 0.00	34.29 0.97 0.00	36.19 0.99 0.00	42.20 1.15 0.00	48.74 1.47 0.00	48.42 1.73 0.05	49.81 1.73 0.09	51.55 1.80 0.19	50.31 1.66 0.27	50.64 1.44 0.29	50.23 1.47 0.23	48.76 1.42 0.15	50.05 1.60 0.08	53.09 1.80 0.00	56.57 1.91 0.00	51.90 1.76 0.00	49.13 1.75 0.00	46.77 1.63 0.00	41.30 1.47 0.00	37.63 1.31 0.00	36.35 1.20 0.00
DERFIELD_115KV_TB7 355931	34.49 0.07 0.00	33.15 0.07 0.00	33.08 0.07 0.00	32.06 0.06 0.00	33.39 0.07 0.00	35.28 0.07 0.00	41.13 0.08 0.00	47.36 0.09 0.00	46.98 0.23 0.00	48.41 0.24 0.00	50.19 0.25 0.00	49.16 0.24 0.00	49.64 0.15 0.00	49.14 0.15 0.00	47.63 0.14 0.00	48.72 0.19 0.00	51.50 0.21 0.00	54.87 0.22 0.00	50.35 0.20 0.00	47.57 0.19 0.00	45.32 0.18 0.00	40.02 0.20 0.00	36.47 0.15 0.00	35.29 0.14 0.00
DOGLEVILLE___HYD 23807	34.59 0.17 0.00	33.28 0.20 0.00	33.24 0.23 0.00	32.25 0.25 0.00	33.69 0.37 0.00	35.70 0.49 0.00	41.66 0.62 0.00	47.98 0.71 0.00	47.63 0.89 0.00	49.18 1.01 0.00	51.04 1.10 0.00	50.04 1.13 0.00	50.54 1.04 0.00	50.02 1.03 0.00	48.35 0.86 0.00	49.30 0.77 0.00	51.86 0.57 0.00	55.15 0.49 0.00	50.55 0.40 0.00	47.80 0.43 0.00	45.50 0.36 0.00	40.18 0.36 0.00	36.58 0.26 0.00	35.33 0.18 0.00
DUNKIRK___115KV_TB_200 55889	34.52 0.10 0.00	33.18 0.10 0.00	32.98 -0.03 0.00	32.26 0.26 0.00	33.59 0.27 0.00	35.91 0.70 0.00	41.54 0.49 0.00	45.62 -1.65 0.00	46.04 -0.70 0.00	47.83 -0.34 0.00	49.59 -0.35 0.00	47.59 -1.32 0.00	47.52 -1.98 0.00	46.64 -2.35 0.00	44.69 -2.80 0.00	45.13 -3.40 0.00	47.14 -4.15 0.00	49.84 -4.81 0.00	45.33 -4.81 0.00	42.78 -4.60 0.00	40.45 -4.69 0.00	36.20 -3.62 0.00	34.07 -2.25 0.00	33.22 -1.93 0.00
DUNKIRK___1 23563	34.52 0.10 0.00	33.18 0.10 0.00	32.98 -0.03 0.00	32.26 0.26 0.00	33.59 0.27 0.00	35.91 0.70 0.00	41.54 0.49 0.00	45.62 -1.65 0.00	46.04 -0.70 0.00	47.83 -0.34 0.00	49.59 -0.35 0.00	47.59 -1.32 0.00	47.52 -1.98 0.00	46.64 -2.35 0.00	44.69 -2.80 0.00	45.13 -3.40 0.00	47.14 -4.15 0.00	49.84 -4.81 0.00	45.33 -4.81 0.00	42.78 -4.60 0.00	40.45 -4.69 0.00	36.20 -3.62 0.00	34.07 -2.25 0.00	33.22 -1.93 0.00
DUNKIRK___2 23564	34.52 0.10 0.00	33.18 0.10 0.00	32.98 -0.03 0.00	32.26 0.26 0.00	33.59 0.27 0.00	35.91 0.70 0.00	41.54 0.49 0.00	45.62 -1.65 0.00	46.04 -0.70 0.00	47.83 -0.34 0.00	49.59 -0.35 0.00	47.59 -1.32 0.00	47.52 -1.98 0.00	46.64 -2.35 0.00	44.69 -2.80 0.00	45.13 -3.40 0.00	47.14 -4.15 0.00	49.84 -4.81 0.00	45.33 -4.81 0.00	42.78 -4.60 0.00	40.45 -4.69 0.00	36.20 -3.62 0.00	34.07 -2.25 0.00	33.22 -1.93 0.00
DUNKIRK___3 23565	34.35 -0.07 0.00	32.98 -0.10 0.00	32.78 -0.23 0.00	32.06 0.06 0.00	33.39 0.07 0.00	35.66 0.46 0.00	41.37 0.33 0.00	45.43 -1.84 0.00	45.85 -0.89 0.00	47.64 -0.53 0.00	49.39 -0.55 0.00	47.45 -1.47 0.00	47.37 -2.13 0.00	46.54 -2.45 0.00	44.64 -2.85 0.00	45.08 -3.45 0.00	47.19 -4.10 0.00	49.84 -4.81 0.00	45.38 -4.76 0.00	42.83 -4.55 0.00	40.49 -4.65 0.00	36.24 -3.58 0.00	34.11 -2.22 0.00	33.26 -1.90 0.00
DUNKIRK___4 23566	34.35 -0.07 0.00	32.98 -0.10 0.00	32.78 -0.23 0.00	32.06 0.06 0.00	33.39 0.07 0.00	35.66 0.46 0.00	41.37 0.33 0.00	45.43 -1.84 0.00	45.85 -0.89 0.00	47.64 -0.53 0.00	49.39 -0.55 0.00	47.45 -1.47 0.00	47.37 -2.13 0.00	46.54 -2.45 0.00	44.64 -2.85 0.00	45.08 -3.45 0.00	47.19 -4.10 0.00	49.84 -4.81 0.00	45.38 -4.76 0.00	42.83 -4.55 0.00	40.49 -4.65 0.00	36.24 -3.58 0.00	34.11 -2.22 0.00	33.26 -1.90 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.31 1.89 0.00	34.77 1.69 0.00	34.56 1.55 0.00	33.38 1.38 0.00	34.82 1.50 0.00	36.79 1.58 0.00	42.85 1.81 0.00	49.73 2.46 0.00	50.09 2.94 -0.40	51.77 2.84 -0.76	54.28 2.85 -1.50	54.08 2.98 -2.18	54.48 2.67 -2.31	53.55 2.74 -1.81	51.67 2.94 -1.24	52.48 3.35 -0.60	54.99 3.69 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.12 3.74 0.00	48.75 3.61 0.00	43.05 3.23 0.00	39.08 2.76 0.00	37.68 2.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.00 1.58 0.00	34.47 1.39 0.00	34.33 1.32 0.00	33.15 1.15 0.00	34.56 1.23 0.00	36.58 1.37 0.00	42.61 1.56 0.00	49.30 2.03 0.00	49.04 2.52 0.22	50.11 2.36 0.42	51.41 2.30 0.83	50.16 2.45 1.20	50.35 2.13 1.28	50.19 2.20 1.00	49.18 2.37 0.68	51.01 2.81 0.33	54.68 3.39 0.00	58.48 3.83 0.00	53.61 3.46 0.00	50.79 3.41 0.00	48.44 3.30 0.00	42.73 2.91 0.00	38.83 2.51 0.00	37.44 2.28 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.59 2.17 0.00	35.10 2.02 0.00	34.89 1.88 0.00	33.57 1.57 0.00	35.02 1.70 0.00	37.00 1.80 0.00	42.89 1.85 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.53 2.60 -0.76	53.93 2.50 -1.50	53.73 2.64 -2.17	54.13 2.33 -2.31	53.25 2.45 -1.81	51.43 2.71 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.12 3.74 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.59 3.27 0.00	38.18 3.02 0.00
E179THST_13_KV_LOAD 356214	36.72 2.31 0.00	35.23 2.15 0.00	34.99 1.98 0.00	33.70 1.70 0.00	35.16 1.83 0.00	37.14 1.94 0.00	43.06 2.01 0.00	49.78 2.51 0.00	50.14 2.99 -0.40	51.77 2.84 -0.76	54.13 2.70 -1.50	53.93 2.84 -2.17	54.38 2.57 -2.31	53.45 2.65 -1.81	51.67 2.94 -1.24	52.62 3.49 -0.60	55.35 4.05 0.00	58.81 4.15 0.00	54.06 3.91 0.00	51.36 3.98 0.00	49.02 3.88 0.00	43.49 3.66 0.00	39.74 3.41 0.00	38.32 3.16 0.00
EAST HAMPTON___GT 23717	37.07 2.65 0.00	35.00 1.92 0.00	34.46 1.45 0.00	33.15 1.15 0.00	34.76 1.43 0.00	36.65 1.44 0.00	42.40 1.35 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.67 2.74 -0.76	54.93 3.49 -1.49	55.54 4.45 -2.17	55.32 3.51 -2.31	54.28 3.48 -1.81	52.24 3.51 -1.23	53.79 4.66 -0.60	57.26 5.90 -0.06	60.95 6.28 -0.02	56.28 6.12 -0.02	53.01 5.64 0.00	51.05 5.91 0.00	45.19 5.02 -0.35	39.63 3.30 0.00	38.28 3.13 0.00
EAST RIVER___6 23660	36.41 2.00 0.00	34.70 1.62 0.00	34.59 1.58 0.00	33.37 1.38 0.00	34.79 1.46 0.00	36.79 1.59 0.00	42.94 1.89 0.00	49.92 2.65 0.00	50.37 3.22 -0.40	52.11 3.18 -0.76	54.53 3.10 -1.50	54.32 3.23 -2.18	54.73 2.92 -2.31	53.84 3.04 -1.81	52.00 3.27 -1.24	52.82 3.69 -0.60	55.35 4.05 0.00	59.08 4.43 0.00	54.21 4.06 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.37 3.54 0.00	39.26 2.94 0.00	37.86 2.71 0.00
EAST RIVER___7 23524	36.41 2.00 0.00	34.70 1.62 0.00	34.59 1.58 0.00	33.37 1.38 0.00	34.79 1.46 0.00	36.79 1.59 0.00	42.94 1.89 0.00	49.92 2.65 0.00	50.37 3.22 -0.40	52.11 3.18 -0.76	54.53 3.10 -1.50	54.32 3.23 -2.18	54.73 2.92 -2.31	53.84 3.04 -1.81	52.00 3.27 -1.24	52.82 3.69 -0.60	55.35 4.05 0.00	59.08 4.43 0.00	54.21 4.06 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.37 3.54 0.00	39.26 2.94 0.00	37.86 2.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.24 1.82 0.00	34.67 1.59 0.00	34.50 1.49 0.00	33.34 1.34 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.73 1.68 0.00	49.59 2.32 0.00	49.96 2.80 -0.41	51.65 2.70 -0.78	54.23 2.75 -1.54	53.99 2.84 -2.24	54.40 2.52 -2.38	53.45 2.60 -1.86	51.52 2.75 -1.27	52.35 3.20 -0.62	54.84 3.54 0.00	58.54 3.88 0.00	53.76 3.61 0.00	50.98 3.60 0.00	48.62 3.48 0.00	42.93 3.11 0.00	39.01 2.69 0.00	37.58 2.43 0.00
EAST_HAMPTON___DIESEL 23722	36.97 2.55 0.00	34.90 1.82 0.00	34.36 1.35 0.00	33.05 1.05 0.00	34.66 1.33 0.00	36.58 1.37 0.00	42.28 1.23 0.00	49.45 2.18 0.00	49.81 2.66 -0.40	51.52 2.60 -0.76	54.83 3.40 -1.49	55.44 4.35 -2.17	55.22 3.41 -2.31	54.13 3.33 -1.81	52.10 3.37 -1.23	53.64 4.51 -0.60	57.16 5.79 -0.06	60.79 6.12 -0.02	56.13 5.96 -0.02	52.92 5.54 0.00	51.01 5.87 0.00	45.15 4.98 -0.35	39.55 3.23 0.00	38.21 3.06 0.00
EAST_POINT___SOLAR 323840	36.90 2.48 0.00	35.47 2.38 0.00	35.32 2.31 0.00	34.18 2.18 0.00	35.66 2.33 0.00	37.95 2.75 0.00	44.45 3.40 0.00	51.15 3.88 0.00	50.77 3.97 -0.06	51.94 3.66 -0.11	53.76 3.60 -0.23	52.28 3.03 -0.33	52.61 2.77 -0.35	52.40 3.14 -0.27	50.43 2.75 -0.19	52.11 3.50 -0.09	55.40 4.11 0.00	59.41 4.75 0.00	54.61 4.46 0.00	51.64 4.27 0.00	49.12 3.97 0.00	43.21 3.38 0.00	39.12 2.80 0.00	37.72 2.56 0.00
EAST_PULASKI___ESR 323781	33.66 -0.76 0.00	32.32 -0.76 0.00	32.19 -0.82 0.00	31.23 -0.77 0.00	32.49 -0.83 0.00	34.54 -0.67 0.00	40.27 -0.78 0.00	46.37 -0.90 0.00	45.95 -0.79 0.00	47.49 -0.67 0.00	49.34 -0.60 0.00	48.08 -0.83 0.00	48.45 -1.04 0.00	47.91 -1.08 0.00	46.26 -1.24 0.00	47.22 -1.31 0.00	49.86 -1.44 0.00	53.02 -1.64 0.00	48.65 -1.50 0.00	45.96 -1.42 0.00	43.88 -1.26 0.00	38.79 -1.04 0.00	35.38 -0.94 0.00	36.71 -0.91 -2.47
EAST_RIVER___1 323558	36.45 2.03 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.89 1.57 0.00	36.86 1.66 0.00	42.98 1.93 0.00	49.92 2.65 0.00	50.33 3.18 -0.40	52.06 3.13 -0.76	54.48 3.05 -1.50	54.27 3.18 -2.18	54.68 2.87 -2.31	53.74 2.94 -1.81	51.91 3.18 -1.24	52.72 3.59 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.40 4.02 0.00	49.07 3.93 0.00	43.29 3.46 0.00	39.30 2.98 0.00	37.90 2.74 0.00
EAST_RIVER___2 323559	36.41 2.00 0.00	34.70 1.62 0.00	34.59 1.58 0.00	33.37 1.38 0.00	34.79 1.46 0.00	36.79 1.59 0.00	42.94 1.89 0.00	49.92 2.65 0.00	50.37 3.22 -0.40	52.11 3.18 -0.76	54.53 3.10 -1.50	54.32 3.23 -2.18	54.73 2.92 -2.31	53.84 3.04 -1.81	52.00 3.27 -1.24	52.82 3.69 -0.60	55.35 4.05 0.00	59.08 4.43 0.00	54.21 4.06 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.37 3.54 0.00	39.26 2.94 0.00	37.86 2.71 0.00
EAST___DELAWARE_HYD 23607	36.41 2.00 0.00	34.77 1.69 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	37.00 1.79 0.00	43.22 2.17 0.00	49.96 2.69 0.00	49.78 3.22 0.19	50.70 2.89 0.36	52.08 2.84 0.70	50.78 2.89 1.02	50.99 2.57 1.08	50.74 2.59 0.85	49.76 2.85 0.58	51.59 3.35 0.28	55.30 4.00 0.00	59.25 4.59 0.00	54.31 4.16 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.13 3.30 0.00	39.23 2.91 0.00	37.79 2.64 0.00
EIGHT_POINT___WT_PWR 323820	34.49 0.07 0.00	33.41 0.33 0.00	33.21 0.20 0.00	32.48 0.48 0.00	33.76 0.43 0.00	36.19 0.98 0.00	42.03 0.98 0.00	47.08 -0.19 0.00	47.11 0.37 0.00	48.79 0.62 0.00	50.73 0.80 0.00	48.91 0.00 0.00	48.51 -0.99 0.00	47.18 -1.81 0.00	45.35 -2.14 0.00	45.95 -2.57 0.00	48.27 -3.03 0.00	51.15 -3.50 0.00	46.54 -3.61 0.00	43.77 -3.60 0.00	41.53 -3.61 0.00	36.79 -3.03 0.00	34.03 -2.29 0.00	33.05 -2.11 0.00
ELBRIDGE_115KV_TB2 80188	33.87 -0.55 0.00	32.52 -0.56 0.00	32.42 -0.59 0.00	31.49 -0.51 0.00	32.76 -0.57 0.00	34.71 -0.49 0.00	40.51 -0.53 0.00	46.42 -0.85 0.00	46.04 -0.70 0.00	47.49 -0.67 0.00	49.24 -0.70 0.00	48.08 -0.83 0.00	48.41 -1.09 0.00	47.81 -1.18 0.00	46.30 -1.19 0.00	47.26 -1.26 0.00	49.96 -1.33 0.00	53.34 -1.31 0.00	48.85 -1.30 0.00	46.15 -1.23 0.00	44.01 -1.13 0.00	38.95 -0.88 0.00	35.60 -0.73 0.00	34.42 -0.74 0.00
ELEC_TRO_TEK 24086	36.59 2.17 0.00	34.87 1.79 0.00	34.46 1.45 0.00	33.25 1.25 0.00	34.69 1.37 0.00	36.68 1.48 0.00	42.57 1.52 0.00	49.49 2.22 0.00	49.86 2.71 -0.40	51.43 2.50 -0.76	54.43 3.00 -1.49	54.56 3.47 -2.17	54.67 2.87 -2.31	53.79 2.99 -1.81	51.95 3.23 -1.23	52.91 3.79 -0.60	55.72 4.36 -0.06	59.42 4.75 -0.02	54.63 4.46 -0.02	51.69 4.31 0.00	49.39 4.24 0.00	43.95 3.78 -0.35	39.41 3.09 0.00	37.93 2.78 0.00

ELLENBURG_WT_PWR 323604	33.80 -0.62 0.00	32.55 -0.53 0.00	32.71 -0.30 0.00	31.74 -0.26 0.00	33.06 -0.27 0.00	34.96 -0.24 0.00	40.92 -0.12 0.00	47.46 0.19 0.00	46.42 -0.32 0.00	48.02 -0.14 0.00	49.94 0.00 0.00	49.26 0.34 0.00	50.49 0.99 0.00	50.02 1.03 0.00	48.30 0.81 0.00	48.91 0.39 0.00	51.35 0.05 0.00	54.11 -0.55 0.00	49.70 -0.45 0.00	46.29 -1.09 0.00	43.79 -1.35 0.00	38.15 -1.67 0.00	34.69 -1.63 0.00	-6.91 -1.51 40.56
ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.70 -0.72 0.00	32.32 -0.76 0.00	32.12 -0.89 0.00	31.39 -0.61 0.00	32.69 -0.63 0.00	34.92 -0.28 0.00	40.47 -0.57 0.00	44.34 -2.93 0.00	44.83 -1.92 0.00	46.62 -1.54 0.00	48.34 -1.60 0.00	46.47 -2.45 0.00	46.43 -3.07 0.00	45.66 -3.33 0.00	43.93 -3.56 0.00	44.45 -4.08 0.00	46.57 -4.72 0.00	49.30 -5.36 0.00	44.93 -5.22 0.00	42.45 -4.93 0.00	40.13 -5.01 0.00	35.92 -3.90 0.00	33.85 -2.47 0.00	33.04 -2.11 0.00
EMPIRE_CC_1 323656	35.49 1.07 0.00	34.04 0.96 0.00	33.97 0.96 0.00	32.86 0.86 0.00	34.22 0.90 0.00	36.02 0.81 0.00	41.79 0.74 0.00	48.21 0.95 0.00	48.11 1.26 -0.11	49.48 1.11 -0.20	51.43 1.10 -0.40	50.67 1.17 -0.58	51.00 0.89 -0.62	50.50 1.03 -0.48	48.91 1.09 -0.33	49.90 1.21 -0.16	52.68 1.39 0.00	56.29 1.64 0.00	51.65 1.50 0.00	48.85 1.47 0.00	46.68 1.54 0.00	41.13 1.31 0.00	37.45 1.13 0.00	36.31 1.16 0.00
EMPIRE_CC_2 323658	35.49 1.07 0.00	34.04 0.96 0.00	33.97 0.96 0.00	32.86 0.86 0.00	34.22 0.90 0.00	36.02 0.81 0.00	41.79 0.74 0.00	48.21 0.95 0.00	48.11 1.26 -0.11	49.48 1.11 -0.20	51.43 1.10 -0.40	50.67 1.17 -0.58	51.00 0.89 -0.62	50.50 1.03 -0.48	48.91 1.09 -0.33	49.90 1.21 -0.16	52.68 1.39 0.00	56.29 1.64 0.00	51.65 1.50 0.00	48.85 1.47 0.00	46.68 1.54 0.00	41.13 1.31 0.00	37.45 1.13 0.00	36.31 1.16 0.00
ENORWICH_115KV_TB1 80156	36.45 2.03 0.00	35.00 1.92 0.00	34.89 1.88 0.00	33.95 1.95 0.00	35.42 2.10 0.00	37.88 2.68 0.00	44.45 3.41 0.00	55.21 7.94 0.00	54.78 8.09 0.04	56.61 8.53 0.08	58.81 9.04 0.16	57.09 8.41 0.24	57.31 8.07 0.25	57.07 8.28 0.20	54.95 7.60 0.14	56.17 7.72 0.07	59.04 7.75 0.00	58.64 3.99 0.00	53.86 3.71 0.00	50.88 3.51 0.00	48.21 3.07 0.00	42.45 2.63 0.00	38.65 2.32 0.00	37.30 2.14 0.00
ERIE_ST_34_KV_TB1-2 80199	34.73 0.31 0.00	33.31 0.23 0.00	33.11 0.10 0.00	32.42 0.42 0.00	33.76 0.43 0.00	36.02 0.81 0.00	41.79 0.74 0.00	46.04 -1.23 0.00	46.46 -0.28 0.00	48.31 0.14 0.00	50.19 0.25 0.00	48.28 -0.64 0.00	48.26 -1.24 0.00	47.47 -1.52 0.00	45.64 -1.85 0.00	46.20 -2.33 0.00	48.37 -2.92 0.00	51.21 -3.44 0.00	46.64 -3.51 0.00	44.01 -3.36 0.00	41.57 -3.57 0.00	37.31 -2.51 0.00	35.05 -1.27 0.00	34.17 -0.98 0.00
ERIE_WT_PWR 323693	34.01 -0.41 0.00	32.92 -0.16 0.00	32.52 -0.49 0.00	31.78 -0.22 0.00	33.09 -0.23 0.00	35.42 0.21 0.00	41.05 0.00 0.00	45.05 -2.22 0.00	45.48 -1.26 0.00	47.30 -0.87 0.00	49.04 -0.90 0.00	47.11 -1.81 0.00	47.07 -2.42 0.00	46.30 -2.69 0.00	44.50 -2.99 0.00	45.03 -3.49 0.00	47.29 -4.00 0.00	49.90 -4.76 0.00	45.43 -4.72 0.00	42.92 -4.46 0.00	40.58 -4.56 0.00	36.32 -3.50 0.00	34.21 -2.11 0.00	33.36 -1.79 0.00
ESPRGFLD_115KV_TB1 80157	35.86 1.45 0.00	34.47 1.39 0.00	34.36 1.35 0.00	33.28 1.28 0.00	34.72 1.40 0.00	36.86 1.65 0.00	43.06 2.01 0.00	49.73 2.46 0.00	49.36 2.62 0.00	50.72 2.55 0.00	52.53 2.60 0.00	51.31 2.40 0.00	51.67 2.18 0.00	51.19 2.20 0.00	49.53 2.04 0.00	50.95 2.43 0.00	54.01 2.72 0.00	57.66 3.01 0.00	52.96 2.81 0.00	50.08 2.70 0.00	47.58 2.44 0.00	41.97 2.15 0.00	38.14 1.82 0.00	36.81 1.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.87 0.45 0.00	33.48 0.40 0.00	33.37 0.36 0.00	32.42 0.42 0.00	33.72 0.40 0.00	35.80 0.60 0.00	41.87 0.82 0.00	47.70 0.43 0.00	47.40 0.65 0.00	48.94 0.77 0.00	50.74 0.80 0.00	49.50 0.59 0.00	49.84 0.35 0.00	49.23 0.24 0.00	47.68 0.19 0.00	48.67 0.15 0.00	51.50 0.21 0.00	55.26 0.60 0.00	50.60 0.45 0.00	47.80 0.43 0.00	45.46 0.32 0.00	40.14 0.32 0.00	36.68 0.36 0.00	35.47 0.32 0.00
ETNA____115KV_TB2 80207	34.87 0.45 0.00	33.48 0.40 0.00	33.37 0.36 0.00	32.42 0.42 0.00	33.72 0.40 0.00	35.80 0.60 0.00	41.87 0.82 0.00	47.70 0.43 0.00	47.40 0.65 0.00	48.94 0.77 0.00	50.74 0.80 0.00	49.50 0.59 0.00	49.84 0.35 0.00	49.23 0.24 0.00	47.68 0.19 0.00	48.67 0.15 0.00	51.50 0.21 0.00	55.26 0.60 0.00	50.60 0.45 0.00	47.80 0.43 0.00	45.46 0.32 0.00	40.14 0.32 0.00	36.68 0.36 0.00	35.47 0.32 0.00
EUCLID____115KV_TB2 356179	33.63 -0.79 0.00	32.29 -0.79 0.00	32.18 -0.83 0.00	31.26 -0.74 0.00	32.52 -0.80 0.00	34.47 -0.74 0.00	40.18 -0.86 0.00	46.09 -1.18 0.00	45.71 -1.03 0.00	47.20 -0.96 0.00	48.94 -1.00 0.00	47.79 -1.13 0.00	48.16 -1.34 0.00	47.57 -1.42 0.00	46.07 -1.42 0.00	47.02 -1.50 0.00	49.71 -1.59 0.00	53.01 -1.64 0.00	48.54 -1.60 0.00	45.91 -1.47 0.00	43.74 -1.40 0.00	38.67 -1.15 0.00	35.34 -0.98 0.00	34.20 -0.95 0.00
E_CANADA_CAP_HY 24051	36.31 1.89 0.00	34.93 1.85 0.00	34.79 1.78 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.32 2.11 0.00	43.59 2.55 0.00	50.20 2.93 0.00	49.88 3.08 -0.05	51.15 2.89 -0.10	52.97 2.84 -0.19	51.83 2.64 -0.28	52.22 2.42 -0.30	51.72 2.50 -0.23	49.93 2.28 -0.16	51.42 2.81 -0.08	54.53 3.23 0.00	58.42 3.77 0.00	53.66 3.51 0.00	50.74 3.36 0.00	48.21 3.07 0.00	42.53 2.71 0.00	38.57 2.25 0.00	37.19 2.04 0.00
E_CANADA_MHWK_HY 24050	34.59 0.17 0.00	33.28 0.20 0.00	33.24 0.23 0.00	32.25 0.25 0.00	33.69 0.37 0.00	35.70 0.49 0.00	41.66 0.62 0.00	47.98 0.71 0.00	47.63 0.89 0.00	49.18 1.01 0.00	51.04 1.10 0.00	50.04 1.13 0.00	50.54 1.04 0.00	50.02 1.03 0.00	48.35 0.86 0.00	49.30 0.77 0.00	51.86 0.57 0.00	55.15 0.49 0.00	50.55 0.40 0.00	47.80 0.43 0.00	45.50 0.36 0.00	40.18 0.36 0.00	36.58 0.26 0.00	35.33 0.18 0.00
E_FISHKILL____LBMP 23776	36.14 1.72 0.00	34.60 1.52 0.00	34.46 1.45 0.00	33.28 1.28 0.00	34.69 1.37 0.00	36.65 1.44 0.00	42.65 1.60 0.00	49.44 2.17 0.00	49.70 2.66 -0.29	51.23 2.50 -0.56	53.58 2.55 -1.09	53.19 2.69 -1.59	53.51 2.33 -1.69	52.76 2.45 -1.32	50.96 2.56 -0.90	51.93 2.96 -0.44	54.48 3.18 0.00	58.15 3.50 0.00	53.41 3.26 0.00	50.60 3.22 0.00	48.30 3.16 0.00	42.61 2.79 0.00	38.72 2.40 0.00	37.33 2.18 0.00
FALCON____SEABRD_CC1 323796	34.01 -0.41 0.00	32.75 -0.33 0.00	32.88 -0.13 0.00	31.90 -0.10 0.00	33.26 -0.07 0.00	35.21 0.00 0.00	41.25 0.21 0.00	47.84 0.57 0.00	46.74 0.00 0.00	48.36 0.19 0.00	50.29 0.35 0.00	49.65 0.73 0.00	50.88 1.38 0.00	50.36 1.37 0.00	48.68 1.19 0.00	49.30 0.77 0.00	51.70 0.41 0.00	54.16 -0.49 0.00	50.00 -0.15 0.00	46.62 -0.76 0.00	44.06 -1.08 0.00	38.39 -1.43 0.00	34.90 -1.42 0.00	-7.05 -1.26 40.94

FALCON___SEABRD_CC2 323797	34.01 -0.41 0.00	32.75 -0.33 0.00	32.88 -0.13 0.00	31.90 -0.10 0.00	33.26 -0.07 0.00	35.21 0.00 0.00	41.25 0.21 0.00	47.84 0.57 0.00	46.74 0.00 0.00	48.36 0.19 0.00	50.29 0.35 0.00	49.65 0.73 0.00	50.88 1.38 0.00	50.36 1.37 0.00	48.68 1.19 0.00	49.30 0.77 0.00	51.70 0.41 0.00	54.16 -0.49 0.00	50.00 -0.15 0.00	46.62 -0.76 0.00	44.06 -1.08 0.00	38.39 -1.43 0.00	34.90 -1.42 0.00	-7.05 -1.26 40.94
FAR ROCKAWAY___4 23548	37.07 2.65 0.00	35.30 2.22 0.00	34.86 1.85 0.00	33.60 1.60 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.10 2.05 0.00	50.15 2.88 0.00	50.51 3.37 -0.40	52.10 3.18 -0.76	55.23 3.80 -1.49	55.39 4.30 -2.17	55.47 3.66 -2.31	54.62 3.82 -1.81	52.76 4.04 -1.23	53.69 4.56 -0.60	56.59 5.23 -0.06	60.35 5.68 -0.02	55.53 5.37 -0.02	52.45 5.07 0.00	50.11 4.97 0.00	44.59 4.42 -0.35	39.95 3.63 0.00	38.39 3.23 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.45 2.03 0.00	34.87 1.79 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.93 1.73 0.00	43.02 1.97 0.00	49.96 2.69 0.00	50.37 3.23 -0.40	52.06 3.13 -0.76	54.48 3.05 -1.50	54.27 3.18 -2.18	54.68 2.87 -2.31	53.74 2.94 -1.81	51.91 3.18 -1.24	52.72 3.59 -0.60	55.19 3.90 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.41 4.03 0.00	49.07 3.93 0.00	43.29 3.46 0.00	39.34 3.01 0.00	37.93 2.78 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.45 2.03 0.00	34.90 1.82 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.93 1.73 0.00	43.02 1.97 0.00	49.96 2.69 0.00	50.37 3.23 -0.40	52.06 3.13 -0.76	54.48 3.05 -1.50	54.27 3.18 -2.18	54.68 2.87 -2.31	53.74 2.94 -1.81	51.91 3.18 -1.24	52.77 3.64 -0.60	55.19 3.90 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.41 4.03 0.00	49.07 3.93 0.00	43.33 3.50 0.00	39.34 3.01 0.00	37.93 2.78 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.41 2.00 0.00	34.87 1.79 0.00	34.66 1.65 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.90 1.69 0.00	42.98 1.93 0.00	49.96 2.69 0.00	50.37 3.23 -0.40	52.01 3.08 -0.76	54.43 3.00 -1.50	54.27 3.18 -2.18	54.63 2.82 -2.31	53.74 2.94 -1.81	51.86 3.13 -1.24	52.72 3.59 -0.60	55.14 3.85 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.36 3.98 0.00	49.02 3.88 0.00	43.29 3.46 0.00	39.30 2.98 0.00	37.90 2.74 0.00
FARRAGUT___LBMP 323566	36.41 2.00 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.90 1.69 0.00	42.98 1.93 0.00	49.92 2.65 0.00	50.32 3.18 -0.40	51.96 3.03 -0.76	54.43 3.00 -1.50	54.22 3.13 -2.18	54.58 2.77 -2.31	53.69 2.89 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.14 3.85 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.36 3.98 0.00	49.02 3.88 0.00	43.25 3.42 0.00	39.30 2.98 0.00	37.90 2.74 0.00
FENNER___WINDPWR 24204	34.83 0.41 0.00	33.48 0.40 0.00	33.37 0.36 0.00	32.38 0.39 0.00	33.69 0.37 0.00	35.80 0.60 0.00	41.82 0.78 0.00	48.12 0.85 0.00	47.77 1.03 0.00	49.32 1.15 0.00	51.19 1.25 0.00	49.99 1.07 0.00	50.43 0.94 0.00	49.87 0.88 0.00	48.20 0.71 0.00	49.25 0.73 0.00	51.96 0.67 0.00	55.36 0.71 0.00	50.75 0.60 0.00	47.99 0.61 0.00	45.64 0.50 0.00	40.26 0.44 0.00	36.72 0.40 0.00	36.64 0.39 -1.10
FIBERTEK___ENERGY 23856	34.04 -0.38 0.00	32.65 -0.43 0.00	32.55 -0.46 0.00	31.62 -0.38 0.00	32.86 -0.47 0.00	34.82 -0.39 0.00	40.68 -0.37 0.00	46.66 -0.61 0.00	46.23 -0.51 0.00	47.78 -0.39 0.00	49.54 -0.40 0.00	48.38 -0.54 0.00	48.70 -0.79 0.00	48.11 -0.88 0.00	46.59 -0.90 0.00	47.56 -0.97 0.00	50.22 -1.08 0.00	53.62 -1.04 0.00	49.15 -1.00 0.00	46.43 -0.95 0.00	44.28 -0.86 0.00	39.15 -0.68 0.00	35.74 -0.58 0.00	34.59 -0.56 0.00
FITZPATRICK____ 23598	33.15 -1.27 0.00	31.86 -1.22 0.00	31.76 -1.25 0.00	30.82 -1.18 0.00	32.06 -1.27 0.00	33.94 -1.27 0.00	39.57 -1.48 0.00	45.43 -1.84 0.00	45.01 -1.73 0.00	46.43 -1.73 0.00	48.14 -1.80 0.00	47.01 -1.91 0.00	47.42 -2.08 0.00	46.88 -2.11 0.00	45.40 -2.09 0.00	46.34 -2.18 0.00	48.99 -2.31 0.00	52.25 -2.40 0.00	47.89 -2.26 0.00	45.25 -2.13 0.00	43.16 -1.99 0.00	38.11 -1.71 0.00	34.83 -1.49 0.00	33.71 -1.44 0.00
FLOWRFLD_69_KV_BK1 356044	37.24 2.82 0.00	35.40 2.32 0.00	34.86 1.85 0.00	33.60 1.60 0.00	35.12 1.80 0.00	37.11 1.90 0.00	42.98 1.93 0.00	50.06 2.79 0.00	50.42 3.27 -0.40	51.96 3.03 -0.76	55.33 3.90 -1.49	55.59 4.50 -2.17	55.52 3.71 -2.31	54.67 3.87 -1.81	52.71 3.99 -1.23	53.98 4.85 -0.60	57.21 5.85 -0.06	61.06 6.39 -0.02	56.08 5.92 -0.02	52.78 5.40 0.00	50.47 5.33 0.00	44.95 4.78 -0.35	40.21 3.89 0.00	38.60 3.45 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.45 2.03 0.00	34.87 1.79 0.00	34.73 1.72 0.00	33.50 1.50 0.00	34.96 1.63 0.00	37.00 1.80 0.00	43.14 2.09 0.00	49.96 2.69 0.00	50.02 3.23 -0.06	51.31 3.03 -0.11	53.15 3.00 -0.21	52.31 3.08 -0.31	52.60 2.77 -0.33	52.14 2.89 -0.26	50.71 3.04 -0.18	52.11 3.49 -0.09	55.25 3.95 0.00	59.08 4.43 0.00	54.21 4.06 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.09 3.27 0.00	39.19 2.87 0.00	37.76 2.60 0.00
FORT ORANGE____ 23900	35.45 1.03 0.00	33.98 0.89 0.00	33.93 0.92 0.00	32.80 0.80 0.00	34.19 0.86 0.00	35.84 0.63 0.00	41.74 0.70 0.00	48.17 0.90 0.00	48.00 1.17 -0.08	49.38 1.06 -0.16	51.25 1.00 -0.31	50.45 1.07 -0.46	50.77 0.79 -0.49	50.30 0.93 -0.38	48.70 0.95 -0.26	49.82 1.16 -0.13	52.63 1.33 0.00	56.24 1.59 0.00	51.65 1.50 0.00	48.80 1.42 0.00	46.54 1.40 0.00	40.98 1.16 0.00	37.30 0.98 0.00	36.07 0.91 0.00
FORT_DRUM_COGEN 23780	33.66 -0.76 0.00	32.29 -0.79 0.00	32.15 -0.86 0.00	31.17 -0.83 0.00	32.39 -0.93 0.00	34.71 -0.49 0.00	40.59 -0.45 0.00	47.27 0.00 0.00	46.93 0.19 0.00	48.50 0.34 0.00	50.69 0.75 0.00	49.31 0.39 0.00	49.84 0.35 0.00	49.43 0.44 0.00	47.16 -0.33 0.00	48.09 -0.44 0.00	50.42 -0.87 0.00	53.67 -0.98 0.00	49.30 -0.85 0.00	46.57 -0.81 0.00	44.28 -0.86 0.00	38.87 -0.96 0.00	35.41 -0.91 0.00	41.76 -0.84 -7.45
FOX_HILLS___ESR 323835	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.63 1.63 0.00	35.09 1.77 0.00	37.04 1.83 0.00	43.02 1.97 0.00	49.87 2.60 0.00	50.14 2.99 -0.40	51.82 2.89 -0.76	54.13 2.70 -1.50	53.93 2.84 -2.17	54.33 2.52 -2.31	53.45 2.65 -1.81	51.67 2.94 -1.24	52.48 3.35 -0.60	55.04 3.74 0.00	58.75 4.10 0.00	53.96 3.81 0.00	51.41 4.03 0.00	49.02 3.88 0.00	43.41 3.58 0.00	39.52 3.20 0.00	38.18 3.02 0.00
FPL FAR_ROCK_GT1 24212	37.07 2.65 0.00	35.20 2.12 0.00	34.86 1.85 0.00	33.60 1.60 0.00	35.12 1.80 0.00	37.07 1.86 0.00	43.02 1.97 0.00	50.01 2.74 0.00	50.41 3.27 -0.40	52.10 3.18 -0.76	55.18 3.75 -1.49	55.39 4.31 -2.17	55.52 3.71 -2.31	54.52 3.72 -1.81	52.76 4.03 -1.23	53.69 4.56 -0.60	56.60 5.23 -0.06	60.35 5.68 -0.02	55.53 5.37 -0.02	52.45 5.07 0.00	50.06 4.92 0.00	44.59 4.42 -0.35	39.92 3.60 0.00	38.39 3.23 0.00

FPL FAR_ROCK_GT2 23815	37.07 2.65 0.00	35.20 2.12 0.00	34.86 1.85 0.00	33.60 1.60 0.00	35.12 1.80 0.00	37.07 1.86 0.00	43.02 1.97 0.00	50.01 2.74 0.00	50.41 3.27 -0.40	52.10 3.18 -0.76	55.18 3.75 -1.49	55.39 4.31 -2.17	55.52 3.71 -2.31	54.52 3.72 -1.81	52.76 4.03 -1.23	53.69 4.56 -0.60	56.60 5.23 -0.06	60.35 5.68 -0.02	55.53 5.37 -0.02	52.45 5.07 0.00	50.06 4.92 0.00	44.59 4.42 -0.35	39.92 3.60 0.00	38.39 3.23 0.00
FRANKLIN_FALL_HYD 24054	34.25 -0.17 0.00	33.05 -0.03 0.00	33.11 0.10 0.00	32.10 0.10 0.00	33.39 0.07 0.00	35.49 0.28 0.00	41.42 0.37 0.00	48.12 0.85 0.00	47.02 0.28 0.00	48.65 0.48 0.00	50.94 1.00 0.00	50.24 1.32 0.00	51.48 1.98 0.00	50.95 1.96 0.00	48.87 1.38 0.00	49.25 0.73 0.00	51.60 0.31 0.00	54.98 0.33 0.00	50.10 -0.05 0.00	46.76 -0.62 0.00	44.24 -0.90 0.00	38.55 -1.27 0.00	35.12 -1.20 0.00	83.92 -0.84 -49.61
FREEPORT_EQUS_GT1 23764	36.86 2.44 0.00	35.00 1.92 0.00	34.66 1.65 0.00	33.41 1.41 0.00	34.92 1.60 0.00	36.90 1.69 0.00	42.69 1.64 0.00	49.63 2.36 0.00	50.00 2.85 -0.40	51.67 2.74 -0.76	54.68 3.24 -1.49	54.95 3.86 -2.17	54.97 3.17 -2.31	54.03 3.23 -1.81	52.29 3.56 -1.23	53.30 4.17 -0.60	56.18 4.82 -0.06	59.97 5.30 -0.02	55.13 4.97 -0.02	52.07 4.69 0.00	49.75 4.61 0.00	44.31 4.14 -0.35	39.70 3.38 0.00	38.21 3.06 0.00
FREEPORT___CT2 23818	36.86 2.44 0.00	35.00 1.92 0.00	34.66 1.65 0.00	33.41 1.41 0.00	34.92 1.60 0.00	36.90 1.69 0.00	42.69 1.64 0.00	49.63 2.36 0.00	50.00 2.85 -0.40	51.67 2.74 -0.76	54.68 3.24 -1.49	54.95 3.86 -2.17	54.97 3.17 -2.31	54.03 3.23 -1.81	52.29 3.56 -1.23	53.30 4.17 -0.60	56.18 4.82 -0.06	59.97 5.30 -0.02	55.13 4.97 -0.02	52.07 4.69 0.00	49.75 4.61 0.00	44.31 4.14 -0.35	39.70 3.38 0.00	38.21 3.06 0.00
FRESHKLS_33_KV_LOAD 356253	36.79 2.37 0.00	35.20 2.12 0.00	34.99 1.98 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.07 1.87 0.00	43.02 1.97 0.00	49.82 2.55 0.00	50.04 2.90 -0.40	51.72 2.79 -0.76	54.03 2.60 -1.50	53.83 2.74 -2.17	54.23 2.43 -2.31	53.35 2.55 -1.81	51.58 2.85 -1.24	52.43 3.30 -0.60	54.99 3.69 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.36 3.98 0.00	48.98 3.84 0.00	43.37 3.54 0.00	39.52 3.20 0.00	38.18 3.02 0.00
FULTON COGEN____ 23766	33.52 -0.89 0.00	32.19 -0.89 0.00	32.09 -0.92 0.00	31.14 -0.86 0.00	32.36 -0.97 0.00	34.29 -0.92 0.00	40.06 -0.99 0.00	45.95 -1.32 0.00	45.53 -1.22 0.00	47.01 -1.16 0.00	48.74 -1.20 0.00	47.59 -1.32 0.00	47.96 -1.53 0.00	47.32 -1.67 0.00	45.88 -1.61 0.00	46.83 -1.70 0.00	49.45 -1.85 0.00	52.74 -1.91 0.00	48.34 -1.81 0.00	45.67 -1.71 0.00	43.61 -1.53 0.00	38.55 -1.27 0.00	35.23 -1.09 0.00	34.06 -1.09 0.00
FULTON___LFGE 323630	36.62 2.20 0.00	35.20 2.12 0.00	35.06 2.05 0.00	33.92 1.92 0.00	35.39 2.07 0.00	37.60 2.40 0.00	43.96 2.91 0.00	50.63 3.36 0.00	50.31 3.51 -0.06	51.61 3.32 -0.12	53.47 3.30 -0.23	52.39 3.13 -0.34	52.78 2.92 -0.36	52.21 2.94 -0.28	50.39 2.71 -0.19	51.82 3.20 -0.09	54.94 3.64 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.12 3.74 0.00	48.62 3.48 0.00	42.81 2.99 0.00	38.79 2.47 0.00	37.44 2.28 0.00
G.F.CEMENT___DRP 24184	37.00 2.58 0.00	35.56 2.48 0.00	35.39 2.38 0.00	34.21 2.21 0.00	35.66 2.33 0.00	37.81 2.61 0.00	44.29 3.24 0.00	51.00 3.73 0.00	50.94 4.11 -0.09	52.57 4.24 -0.16	54.45 4.19 -0.32	53.63 4.26 -0.46	53.95 3.96 -0.49	53.39 4.02 -0.38	51.41 3.66 -0.26	52.63 3.98 -0.13	55.61 4.31 0.00	59.52 4.86 0.00	54.61 4.46 0.00	51.59 4.22 0.00	49.07 3.93 0.00	43.05 3.23 0.00	39.01 2.69 0.00	37.68 2.53 0.00
GARDENVILLE___LBMP 24039	33.90 -0.52 0.00	32.55 -0.53 0.00	32.35 -0.66 0.00	31.62 -0.38 0.00	32.92 -0.40 0.00	35.17 -0.04 0.00	40.76 -0.29 0.00	44.72 -2.55 0.00	45.20 -1.54 0.00	47.01 -1.16 0.00	48.74 -1.20 0.00	46.86 -2.05 0.00	46.77 -2.72 0.00	46.05 -2.94 0.00	44.21 -3.28 0.00	44.79 -3.74 0.00	46.88 -4.41 0.00	49.62 -5.03 0.00	45.23 -4.91 0.00	42.69 -4.69 0.00	40.35 -4.79 0.00	36.16 -3.66 0.00	34.03 -2.29 0.00	33.22 -1.93 0.00
GARDNVLA_35_KV_LD 355827	34.11 -0.31 0.00	32.72 -0.36 0.00	32.52 -0.50 0.00	31.81 -0.19 0.00	33.12 -0.20 0.00	35.38 0.18 0.00	41.05 0.00 0.00	45.05 -2.22 0.00	45.53 -1.22 0.00	47.35 -0.82 0.00	49.09 -0.85 0.00	47.20 -1.71 0.00	47.12 -2.38 0.00	46.39 -2.60 0.00	44.55 -2.94 0.00	45.08 -3.45 0.00	47.24 -4.05 0.00	49.95 -4.70 0.00	45.53 -4.61 0.00	43.02 -4.36 0.00	40.67 -4.47 0.00	36.40 -3.42 0.00	34.25 -2.07 0.00	33.43 -1.72 0.00
GELCKHM___115KV_LOAD 80723	33.80 -0.62 0.00	32.42 -0.66 0.00	32.32 -0.69 0.00	31.39 -0.61 0.00	32.62 -0.70 0.00	34.57 -0.63 0.00	40.35 -0.70 0.00	46.28 -0.99 0.00	45.90 -0.84 0.00	47.40 -0.77 0.00	49.14 -0.80 0.00	47.99 -0.93 0.00	48.36 -1.14 0.00	47.77 -1.22 0.00	46.26 -1.23 0.00	47.22 -1.31 0.00	49.91 -1.38 0.00	53.23 -1.42 0.00	48.80 -1.35 0.00	46.10 -1.28 0.00	43.92 -1.22 0.00	38.83 -1.00 0.00	35.49 -0.84 0.00	34.35 -0.81 0.00
GENERAL___MILLS 23808	34.04 -0.38 0.00	32.69 -0.40 0.00	32.48 -0.53 0.00	31.74 -0.26 0.00	33.06 -0.27 0.00	35.31 0.11 0.00	40.96 -0.08 0.00	44.95 -2.32 0.00	45.43 -1.31 0.00	47.25 -0.92 0.00	48.99 -0.95 0.00	47.10 -1.81 0.00	47.02 -2.47 0.00	46.30 -2.69 0.00	44.45 -3.04 0.00	44.98 -3.54 0.00	47.14 -4.15 0.00	49.90 -4.75 0.00	45.43 -4.71 0.00	42.92 -4.45 0.00	40.58 -4.56 0.00	36.32 -3.50 0.00	34.18 -2.14 0.00	33.36 -1.79 0.00
GE_PLASTICS___DRP 24183	35.28 0.86 0.00	33.88 0.79 0.00	33.80 0.79 0.00	32.70 0.70 0.00	34.06 0.73 0.00	35.77 0.56 0.00	41.62 0.57 0.00	48.03 0.76 0.00	47.86 1.03 -0.09	49.24 0.92 -0.16	51.15 0.90 -0.32	50.35 0.98 -0.46	50.73 0.74 -0.49	50.21 0.83 -0.38	48.65 0.90 -0.26	49.67 1.02 -0.13	52.48 1.18 0.00	56.02 1.37 0.00	51.40 1.25 0.00	48.61 1.23 0.00	46.36 1.22 0.00	40.86 1.04 0.00	37.19 0.87 0.00	36.00 0.84 0.00
GILBOA___1 23756	35.31 0.89 0.00	33.98 0.89 0.00	34.03 1.02 0.00	32.93 0.93 0.00	34.32 1.00 0.00	35.95 0.74 0.00	41.87 0.82 0.00	48.31 1.04 0.00	48.10 1.31 -0.05	49.51 1.25 -0.10	51.38 1.25 -0.19	50.46 1.27 -0.28	50.83 1.04 -0.29	50.35 1.13 -0.23	48.79 1.14 -0.16	49.91 1.31 -0.08	52.73 1.43 0.00	56.29 1.64 0.00	51.65 1.50 0.00	48.89 1.52 0.00	46.59 1.44 0.00	41.13 1.31 0.00	37.45 1.13 0.00	36.21 1.05 0.00
GILBOA___2 23757	35.31 0.89 0.00	33.98 0.89 0.00	34.03 1.02 0.00	32.93 0.93 0.00	34.32 1.00 0.00	35.95 0.74 0.00	41.87 0.82 0.00	48.31 1.04 0.00	48.10 1.31 -0.05	49.51 1.25 -0.10	51.38 1.25 -0.19	50.46 1.27 -0.28	50.83 1.04 -0.29	50.35 1.13 -0.23	48.79 1.14 -0.16	49.91 1.31 -0.08	52.73 1.43 0.00	56.29 1.64 0.00	51.65 1.50 0.00	48.89 1.52 0.00	46.59 1.44 0.00	41.13 1.31 0.00	37.45 1.13 0.00	36.21 1.05 0.00

GILBOA___3 23758	35.31 0.89 0.00	33.98 0.89 0.00	34.03 1.02 0.00	32.93 0.93 0.00	34.32 1.00 0.00	35.95 0.74 0.00	41.87 0.82 0.00	48.31 1.04 0.00	48.10 1.31 -0.05	49.51 1.25 -0.10	51.38 1.25 -0.19	50.46 1.27 -0.28	50.83 1.04 -0.29	50.35 1.13 -0.23	48.79 1.14 -0.16	49.91 1.31 -0.08	52.73 1.43 0.00	56.29 1.64 0.00	51.65 1.50 0.00	48.89 1.52 0.00	46.59 1.44 0.00	41.13 1.31 0.00	37.45 1.13 0.00	36.21 1.05 0.00
GILBOA___4 23759	35.31 0.89 0.00	33.98 0.89 0.00	34.03 1.02 0.00	32.93 0.93 0.00	34.32 1.00 0.00	35.95 0.74 0.00	41.87 0.82 0.00	48.31 1.04 0.00	48.10 1.31 -0.05	49.51 1.25 -0.10	51.38 1.25 -0.19	50.46 1.27 -0.28	50.83 1.04 -0.29	50.35 1.13 -0.23	48.79 1.14 -0.16	49.91 1.31 -0.08	52.73 1.43 0.00	56.29 1.64 0.00	51.65 1.50 0.00	48.89 1.52 0.00	46.59 1.44 0.00	41.13 1.31 0.00	37.45 1.13 0.00	36.21 1.05 0.00
GILBOA___ 23599	35.28 0.86 0.00	34.01 0.93 0.00	34.03 1.02 0.00	32.93 0.93 0.00	34.32 1.00 0.00	35.94 0.74 0.00	41.87 0.82 0.00	48.31 1.04 0.00	48.10 1.31 -0.05	49.52 1.25 -0.10	51.38 1.25 -0.19	50.46 1.27 -0.28	50.83 1.04 -0.29	50.35 1.13 -0.23	48.79 1.14 -0.16	49.91 1.31 -0.08	52.78 1.49 0.00	56.29 1.64 0.00	51.65 1.50 0.00	48.89 1.52 0.00	46.59 1.44 0.00	41.14 1.31 0.00	37.45 1.13 0.00	36.21 1.05 0.00
GINNA___ 23603	31.87 -2.55 0.00	30.67 -2.41 0.00	30.40 -2.61 0.00	29.60 -2.40 0.00	30.82 -2.50 0.00	32.95 -2.25 0.00	38.30 -2.75 0.00	43.30 -3.97 0.00	43.24 -3.51 0.00	44.84 -3.32 0.00	46.54 -3.40 0.00	45.10 -3.82 0.00	45.39 -4.11 0.00	44.83 -4.16 0.00	43.26 -4.23 0.00	43.96 -4.56 0.00	46.42 -4.87 0.00	49.46 -5.19 0.00	45.14 -5.01 0.00	42.69 -4.69 0.00	40.49 -4.65 0.00	35.84 -3.98 0.00	33.05 -3.27 0.00	32.02 -3.13 0.00
GLEN PARK___ 23778	33.80 -0.62 0.00	32.45 -0.63 0.00	32.28 -0.73 0.00	31.30 -0.70 0.00	32.49 -0.83 0.00	34.85 -0.35 0.00	40.80 -0.24 0.00	47.46 0.19 0.00	47.11 0.37 0.00	48.70 0.53 0.00	50.84 0.90 0.00	49.40 0.49 0.00	49.94 0.44 0.00	49.53 0.54 0.00	47.30 -0.19 0.00	48.28 -0.24 0.00	50.68 -0.61 0.00	53.94 -0.71 0.00	49.55 -0.60 0.00	46.86 -0.52 0.00	44.55 -0.59 0.00	39.11 -0.72 0.00	35.60 -0.73 0.00	41.55 -0.67 -7.06
GLENDALE_27_KV_LOAD 356172	36.66 2.24 0.00	35.10 2.02 0.00	34.89 1.88 0.00	33.63 1.63 0.00	35.06 1.73 0.00	37.11 1.90 0.00	43.14 2.09 0.00	50.01 2.74 0.00	50.42 3.27 -0.40	52.11 3.18 -0.76	54.48 3.05 -1.50	54.27 3.18 -2.17	54.68 2.87 -2.31	53.74 2.94 -1.81	51.96 3.23 -1.24	52.82 3.69 -0.60	55.35 4.05 0.00	59.03 4.37 0.00	54.21 4.06 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.14 2.99 0.00
GLENWOOD_IC_1_G5 23712	36.62 2.20 0.00	34.93 1.85 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.85 1.81 0.00	49.78 2.51 0.00	50.18 3.04 -0.40	51.82 2.89 -0.76	54.68 3.25 -1.49	54.70 3.62 -2.17	54.92 3.12 -2.31	54.03 3.23 -1.81	52.14 3.42 -1.23	53.06 3.93 -0.60	55.77 4.41 -0.06	59.48 4.81 -0.02	54.63 4.46 -0.02	51.69 4.31 0.00	49.39 4.24 0.00	43.95 3.78 -0.35	39.45 3.12 0.00	37.97 2.81 0.00
GLENWOOD_IC_2_G1 23688	36.48 2.06 0.00	34.77 1.69 0.00	34.56 1.55 0.00	33.34 1.34 0.00	34.83 1.50 0.00	36.75 1.55 0.00	42.73 1.68 0.00	49.63 2.36 0.00	50.00 2.85 -0.40	51.67 2.74 -0.76	54.43 3.00 -1.49	54.41 3.33 -2.17	54.67 2.87 -2.31	53.69 2.89 -1.81	51.91 3.18 -1.23	52.77 3.64 -0.60	55.36 4.00 -0.06	59.09 4.43 -0.02	54.28 4.11 -0.02	51.40 4.02 0.00	49.07 3.93 0.00	43.67 3.51 -0.35	39.26 2.94 0.00	37.82 2.67 0.00
GLENWOOD_IC_3_G1 23689	36.48 2.06 0.00	34.77 1.69 0.00	34.56 1.55 0.00	33.34 1.34 0.00	34.83 1.50 0.00	36.75 1.55 0.00	42.73 1.68 0.00	49.63 2.36 0.00	50.00 2.85 -0.40	51.67 2.74 -0.76	54.43 3.00 -1.49	54.41 3.33 -2.17	54.67 2.87 -2.31	53.69 2.89 -1.81	51.91 3.18 -1.23	52.77 3.64 -0.60	55.36 4.00 -0.06	59.09 4.43 -0.02	54.28 4.11 -0.02	51.40 4.02 0.00	49.07 3.93 0.00	43.67 3.51 -0.35	39.26 2.94 0.00	37.82 2.67 0.00
GLENWOOD___4 23550	36.62 2.20 0.00	34.93 1.85 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.85 1.81 0.00	49.78 2.51 0.00	50.18 3.04 -0.40	51.82 2.89 -0.76	54.68 3.25 -1.49	54.70 3.62 -2.17	54.92 3.12 -2.31	54.03 3.23 -1.81	52.14 3.42 -1.23	53.06 3.93 -0.60	55.77 4.41 -0.06	59.48 4.81 -0.02	54.63 4.46 -0.02	51.69 4.31 0.00	49.39 4.24 0.00	43.95 3.78 -0.35	39.45 3.12 0.00	37.97 2.81 0.00
GLENWOOD___5 23614	36.62 2.20 0.00	34.93 1.85 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.85 1.81 0.00	49.78 2.51 0.00	50.18 3.04 -0.40	51.82 2.89 -0.76	54.68 3.25 -1.49	54.70 3.62 -2.17	54.92 3.12 -2.31	54.03 3.23 -1.81	52.14 3.42 -1.23	53.06 3.93 -0.60	55.77 4.41 -0.06	59.48 4.81 -0.02	54.63 4.46 -0.02	51.69 4.31 0.00	49.39 4.24 0.00	43.95 3.78 -0.35	39.45 3.12 0.00	37.97 2.81 0.00
GLOBAL GREEN_PORT_GT1 23814	37.31 2.89 0.00	35.26 2.18 0.00	34.73 1.72 0.00	33.41 1.41 0.00	35.02 1.70 0.00	36.97 1.76 0.00	42.77 1.72 0.00	49.96 2.69 0.00	50.32 3.18 -0.40	52.05 3.13 -0.76	55.43 4.00 -1.49	55.98 4.89 -2.17	55.76 3.96 -2.31	54.72 3.92 -1.81	52.66 3.94 -1.23	54.22 5.09 -0.60	57.72 6.36 -0.06	61.45 6.78 -0.02	56.68 6.52 -0.02	53.35 5.97 0.00	51.23 6.09 0.00	45.42 5.26 -0.35	40.03 3.71 0.00	38.56 3.41 0.00
GLOBE___DSASP 323697	32.46 -1.96 0.00	31.13 -1.95 0.00	30.90 -2.11 0.00	30.21 -1.79 0.00	31.46 -1.87 0.00	33.62 -1.58 0.00	38.87 -2.18 0.00	42.31 -4.96 0.00	42.86 -3.88 0.00	44.60 -3.56 0.00	46.19 -3.75 0.00	44.37 -4.55 0.00	44.30 -5.20 0.00	43.65 -5.34 0.00	41.98 -5.51 0.00	42.61 -5.92 0.00	44.68 -6.62 0.00	47.33 -7.32 0.00	43.18 -6.97 0.00	40.79 -6.59 0.00	38.64 -6.50 0.00	34.60 -5.22 0.00	32.69 -3.63 0.00	31.99 -3.16 0.00
GOETHSLN___LBMP 323567	36.24 1.82 0.00	34.70 1.62 0.00	34.50 1.49 0.00	33.28 1.28 0.00	34.69 1.37 0.00	36.72 1.51 0.00	42.77 1.72 0.00	49.73 2.46 0.00	50.14 2.99 -0.40	51.82 2.89 -0.76	54.18 2.75 -1.50	53.98 2.89 -2.18	54.38 2.57 -2.31	53.50 2.69 -1.81	51.62 2.90 -1.24	52.48 3.35 -0.60	54.84 3.54 0.00	58.54 3.88 0.00	53.81 3.66 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.13 3.31 0.00	39.15 2.83 0.00	37.76 2.60 0.00
GOLAH___69_KV_TB 1_2 80279	33.49 -0.93 0.00	32.09 -0.99 0.00	31.95 -1.06 0.00	31.17 -0.83 0.00	32.49 -0.83 0.00	34.75 -0.46 0.00	40.23 -0.82 0.00	44.95 -2.32 0.00	45.11 -1.64 0.00	46.82 -1.35 0.00	48.49 -1.45 0.00	46.81 -2.10 0.00	47.07 -2.43 0.00	46.44 -2.55 0.00	44.78 -2.71 0.00	45.52 -3.01 0.00	47.96 -3.33 0.00	51.16 -3.50 0.00	46.74 -3.41 0.00	44.20 -3.17 0.00	41.89 -3.25 0.00	37.15 -2.67 0.00	34.47 -1.85 0.00	33.54 -1.62 0.00

GOODYEAR_LAKE_HYD 323669	35.62 1.20 0.00	34.21 1.12 0.00	34.13 1.12 0.00	33.09 1.09 0.00	34.49 1.17 0.00	36.47 1.27 0.00	42.61 1.56 0.00	49.21 1.94 0.00	48.94 2.20 0.00	50.38 2.22 0.00	52.24 2.30 0.00	51.02 2.10 0.00	51.38 1.88 0.00	50.90 1.91 0.00	49.30 1.80 0.00	50.56 2.04 0.00	53.55 2.26 0.00	57.11 2.46 0.00	52.41 2.26 0.00	49.60 2.23 0.00	47.17 2.03 0.00	41.61 1.79 0.00	37.88 1.56 0.00	36.60 1.44 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.69 0.28 0.00	33.28 0.20 0.00	33.21 0.20 0.00	32.26 0.26 0.00	33.59 0.27 0.00	35.59 0.39 0.00	41.46 0.41 0.00	47.36 0.09 0.00	47.12 0.42 0.04	48.62 0.53 0.07	50.34 0.55 0.14	49.05 0.34 0.21	49.27 0.00 0.22	48.77 -0.05 0.17	47.28 -0.09 0.12	48.32 -0.15 0.06	51.14 -0.15 0.00	54.54 -0.11 0.00	49.90 -0.25 0.00	47.14 -0.24 0.00	44.87 -0.27 0.00	39.70 -0.12 0.00	36.39 0.07 0.00	35.22 0.07 0.00
GOUDEY___7 23579	34.69 0.28 0.00	33.28 0.20 0.00	33.21 0.20 0.00	32.26 0.26 0.00	33.59 0.27 0.00	35.59 0.39 0.00	41.46 0.41 0.00	47.36 0.09 0.00	47.12 0.42 0.04	48.62 0.53 0.07	50.34 0.55 0.14	49.05 0.34 0.21	49.27 0.00 0.22	48.77 -0.05 0.17	47.28 -0.09 0.12	48.32 -0.15 0.06	51.14 -0.15 0.00	54.54 -0.11 0.00	49.90 -0.25 0.00	47.14 -0.24 0.00	44.87 -0.27 0.00	39.70 -0.12 0.00	36.39 0.07 0.00	35.22 0.07 0.00
GOUDEY___8 23580	34.69 0.28 0.00	33.28 0.20 0.00	33.21 0.20 0.00	32.26 0.26 0.00	33.59 0.27 0.00	35.59 0.39 0.00	41.46 0.41 0.00	47.36 0.09 0.00	47.12 0.42 0.04	48.62 0.53 0.07	50.34 0.55 0.14	49.05 0.34 0.21	49.27 0.00 0.22	48.77 -0.05 0.17	47.28 -0.09 0.12	48.32 -0.15 0.06	51.14 -0.15 0.00	54.54 -0.11 0.00	49.90 -0.25 0.00	47.14 -0.24 0.00	44.87 -0.27 0.00	39.70 -0.12 0.00	36.39 0.07 0.00	35.22 0.07 0.00
GOWANUS_GT1_1 24077	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT1_2 24078	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT1_3 24079	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT1_4 24080	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT1_5 24084	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT1_6 24111	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT1_7 24112	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT1_8 24113	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT2_1 24114	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.06 2.01 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.41 3.59 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT2_2 24115	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.06 2.01 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.41 3.59 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT2_3 24116	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.06 2.01 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.41 3.59 0.00	39.55 3.23 0.00	38.18 3.02 0.00

GOWANUS_GT2_4 24117	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.06 2.01 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.41 3.59 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT2_5 24118	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.06 2.01 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.41 3.59 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT2_6 24119	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.06 2.01 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.41 3.59 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT2_7 24120	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.06 2.01 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.41 3.59 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT2_8 24121	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.06 2.01 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.41 3.59 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT3_1 24122	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT3_2 24123	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT3_3 24124	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT3_4 24125	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT3_5 24126	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT3_6 24127	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT3_7 24128	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT3_8 24129	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GOWANUS_GT4_1 24130	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.28 2.85 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.11 3.96 0.00	51.45 4.07 0.00	49.11 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT4_2 24131	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.28 2.85 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.11 3.96 0.00	51.45 4.07 0.00	49.11 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.18 3.02 0.00

GOWANUS_GT4_3 24132	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.28 2.85 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.11 3.96 0.00	51.45 4.07 0.00	49.11 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT4_4 24133	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.28 2.85 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.11 3.96 0.00	51.45 4.07 0.00	49.11 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT4_5 24134	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.28 2.85 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.11 3.96 0.00	51.45 4.07 0.00	49.11 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT4_6 24135	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.28 2.85 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.11 3.96 0.00	51.45 4.07 0.00	49.11 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT4_7 24136	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.28 2.85 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.11 3.96 0.00	51.45 4.07 0.00	49.11 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GOWANUS_GT4_8 24137	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.28 2.85 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.11 3.96 0.00	51.45 4.07 0.00	49.11 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.18 3.02 0.00
GREENBSH_115KV_TB3 55895	35.24 0.83 0.00	33.84 0.76 0.00	33.77 0.76 0.00	32.64 0.64 0.00	34.02 0.70 0.00	35.63 0.42 0.00	41.46 0.41 0.00	47.88 0.61 0.00	47.72 0.89 -0.09	49.10 0.77 -0.17	51.01 0.75 -0.33	50.27 0.88 -0.48	50.59 0.59 -0.51	50.12 0.73 -0.40	48.52 0.76 -0.27	49.53 0.87 -0.13	52.32 1.03 0.00	55.86 1.20 0.00	51.30 1.15 0.00	48.52 1.14 0.00	46.27 1.13 0.00	40.74 0.92 0.00	37.08 0.76 0.00	35.89 0.74 0.00
GREENIDGE_115KV_TB5 80291	34.56 0.14 0.00	33.12 0.03 0.00	33.01 0.00 0.00	32.16 0.16 0.00	33.46 0.13 0.00	35.70 0.49 0.00	41.66 0.62 0.00	46.80 -0.47 0.00	46.65 -0.09 0.00	48.26 0.10 0.00	50.09 0.15 0.00	48.62 -0.29 0.00	48.75 -0.74 0.00	47.96 -1.03 0.00	46.40 -1.09 0.00	47.17 -1.36 0.00	49.76 -1.54 0.00	53.12 -1.53 0.00	48.54 -1.60 0.00	45.77 -1.61 0.00	43.79 -1.35 0.00	38.75 -1.08 0.00	35.63 -0.69 0.00	34.52 -0.63 0.00
GREENIDGE___3 23582	34.56 0.14 0.00	33.12 0.03 0.00	33.01 0.00 0.00	32.16 0.16 0.00	33.46 0.13 0.00	35.70 0.49 0.00	41.66 0.62 0.00	46.80 -0.47 0.00	46.65 -0.09 0.00	48.26 0.10 0.00	50.09 0.15 0.00	48.62 -0.29 0.00	48.75 -0.74 0.00	47.96 -1.03 0.00	46.40 -1.09 0.00	47.17 -1.36 0.00	49.76 -1.54 0.00	53.12 -1.53 0.00	48.54 -1.60 0.00	45.77 -1.61 0.00	43.79 -1.35 0.00	38.75 -1.08 0.00	35.63 -0.69 0.00	34.52 -0.63 0.00
GREENIDGE___4 23583	34.49 0.07 0.00	33.21 0.13 0.00	33.01 0.00 0.00	32.16 0.16 0.00	33.46 0.13 0.00	35.73 0.53 0.00	41.70 0.65 0.00	46.80 -0.47 0.00	46.65 -0.09 0.00	48.26 0.10 0.00	50.09 0.15 0.00	48.62 -0.29 0.00	48.75 -0.74 0.00	47.96 -1.03 0.00	46.40 -1.09 0.00	47.17 -1.36 0.00	49.81 -1.49 0.00	53.12 -1.53 0.00	48.54 -1.61 0.00	46.20 -1.18 0.00	43.79 -1.35 0.00	38.75 -1.07 0.00	35.63 -0.69 0.00	34.52 -0.63 0.00
GREENLWN_69_KV_BK 3 55738	36.86 2.44 0.00	35.07 1.98 0.00	34.63 1.62 0.00	33.38 1.38 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.61 1.56 0.00	49.59 2.32 0.00	49.86 2.71 -0.40	51.33 2.41 -0.76	54.23 2.80 -1.49	54.41 3.33 -2.17	54.48 2.67 -2.31	53.64 2.84 -1.81	51.95 3.23 -1.23	52.91 3.79 -0.60	55.67 4.31 -0.06	59.42 4.75 -0.02	54.63 4.46 -0.02	51.78 4.41 0.00	49.66 4.51 0.00	44.27 4.10 -0.35	39.63 3.31 0.00	38.07 2.92 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00
GRISSOM___SOLAR 323813	36.48 2.06 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.82 1.82 0.00	35.26 1.93 0.00	37.42 2.22 0.00	43.80 2.75 0.00	50.39 3.12 0.00	50.13 3.32 -0.07	51.47 3.18 -0.12	53.28 3.10 -0.24	52.25 2.98 -0.35	52.64 2.77 -0.37	52.07 2.79 -0.29	50.25 2.56 -0.20	51.63 3.01 -0.10	54.73 3.44 0.00	58.59 3.94 0.00	53.86 3.71 0.00	50.93 3.56 0.00	48.44 3.29 0.00	42.65 2.83 0.00	38.68 2.36 0.00	37.30 2.14 0.00
GROVEVILLE___HYD 323602	36.45 2.03 0.00	34.87 1.79 0.00	34.73 1.72 0.00	33.50 1.50 0.00	34.96 1.63 0.00	37.00 1.80 0.00	43.14 2.09 0.00	49.96 2.69 0.00	50.02 3.23 -0.06	51.31 3.03 -0.11	53.15 3.00 -0.21	52.31 3.08 -0.31	52.60 2.77 -0.33	52.14 2.89 -0.26	50.71 3.04 -0.18	52.11 3.49 -0.09	55.25 3.95 0.00	59.08 4.43 0.00	54.21 4.06 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.09 3.27 0.00	39.19 2.87 0.00	37.76 2.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.04 -0.38 0.00	32.65 -0.43 0.00	32.55 -0.46 0.00	31.62 -0.38 0.00	32.86 -0.47 0.00	34.82 -0.39 0.00	40.68 -0.37 0.00	46.66 -0.61 0.00	46.23 -0.51 0.00	47.78 -0.39 0.00	49.54 -0.40 0.00	48.38 -0.54 0.00	48.70 -0.79 0.00	48.11 -0.88 0.00	46.59 -0.90 0.00	47.56 -0.97 0.00	50.22 -1.08 0.00	53.62 -1.04 0.00	49.15 -1.00 0.00	46.43 -0.95 0.00	44.28 -0.86 0.00	39.15 -0.68 0.00	35.74 -0.58 0.00	34.59 -0.56 0.00

HAMLTNNY_34_KV_TB 80303	34.07 -0.34 0.00	32.72 -0.36 0.00	32.61 -0.40 0.00	31.65 -0.35 0.00	32.92 -0.40 0.00	34.92 -0.28 0.00	40.76 -0.29 0.00	46.70 -0.57 0.00	46.32 -0.42 0.00	47.83 -0.34 0.00	49.59 -0.35 0.00	48.43 -0.49 0.00	48.75 -0.74 0.00	48.11 -0.88 0.00	46.64 -0.85 0.00	47.56 -0.97 0.00	50.27 -1.03 0.00	53.67 -0.98 0.00	49.15 -1.00 0.00	46.43 -0.95 0.00	44.24 -0.90 0.00	39.11 -0.72 0.00	35.78 -0.54 0.00	34.59 -0.56 0.00
HAMPSHIRE___PAPER_HYD 323593	33.35 -1.07 0.00	32.06 -1.03 0.00	31.95 -1.06 0.00	30.97 -1.03 0.00	32.02 -1.30 0.00	34.36 -0.85 0.00	39.85 -1.19 0.00	46.47 -0.80 0.00	45.90 -0.84 0.00	47.44 -0.72 0.00	50.14 0.20 0.00	48.87 -0.05 0.00	49.64 0.15 0.00	49.24 0.25 0.00	46.45 -1.05 0.00	46.93 -1.60 0.00	49.14 -2.15 0.00	52.25 -2.40 0.00	48.05 -2.10 0.00	45.25 -2.13 0.00	42.93 -2.21 0.00	37.59 -2.23 0.00	34.43 -1.89 0.00	52.31 -1.41 -18.56
HARDSCRABBLE_WT_PWR 323673	34.25 -0.17 0.00	32.98 -0.10 0.00	32.94 -0.07 0.00	32.00 0.00 0.00	33.42 0.10 0.00	35.42 0.21 0.00	41.37 0.33 0.00	47.69 0.42 0.00	47.40 0.65 0.00	48.93 0.77 0.00	50.84 0.90 0.00	49.80 0.88 0.00	50.34 0.84 0.00	49.82 0.83 0.00	48.11 0.62 0.00	49.01 0.49 0.00	51.50 0.21 0.00	54.71 0.05 0.00	50.15 0.00 0.00	47.43 0.05 0.00	45.14 0.00 0.00	39.82 0.00 0.00	36.21 -0.11 0.00	34.94 -0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.97 1.55 0.00	34.41 1.32 0.00	34.26 1.25 0.00	33.09 1.09 0.00	34.49 1.17 0.00	36.47 1.27 0.00	42.48 1.44 0.00	49.21 1.94 0.00	48.61 2.43 0.56	49.36 2.26 1.07	50.09 2.25 2.10	48.27 2.40 3.04	48.34 2.08 3.24	48.61 2.16 2.53	48.09 2.33 1.73	50.45 2.77 0.85	54.58 3.28 0.00	58.37 3.72 0.00	53.56 3.41 0.00	50.69 3.32 0.00	48.35 3.21 0.00	42.69 2.87 0.00	38.83 2.51 0.00	37.40 2.25 0.00
HARSNRAD_115KV_TB1 81005	33.25 -1.17 0.00	31.89 -1.19 0.00	31.66 -1.35 0.00	30.98 -1.02 0.00	32.26 -1.07 0.00	34.50 -0.70 0.00	39.94 -1.11 0.00	43.68 -3.59 0.00	44.22 -2.52 0.00	45.95 -2.22 0.00	47.64 -2.30 0.00	45.74 -3.18 0.00	45.73 -3.76 0.00	45.02 -3.97 0.00	43.31 -4.18 0.00	43.87 -4.66 0.00	46.01 -5.28 0.00	48.75 -5.90 0.00	44.43 -5.72 0.00	41.98 -5.40 0.00	39.72 -5.42 0.00	35.52 -4.30 0.00	33.49 -2.83 0.00	32.73 -2.43 0.00
HARZA MOOSE___RIVER 24016	34.28 -0.14 0.00	32.92 -0.17 0.00	32.81 -0.20 0.00	31.78 -0.22 0.00	33.06 -0.27 0.00	35.35 0.14 0.00	41.29 0.25 0.00	47.84 0.57 0.00	47.58 0.84 0.00	49.13 0.96 0.00	51.19 1.25 0.00	49.94 1.03 0.00	50.44 0.94 0.00	49.97 0.98 0.00	47.87 0.38 0.00	48.82 0.29 0.00	51.24 -0.05 0.00	54.65 0.00 0.00	50.15 0.00 0.00	47.38 0.00 0.00	45.05 -0.09 0.00	39.62 -0.20 0.00	36.10 -0.22 0.00	40.15 -0.18 -5.17
HDSNBRDG_115KV_BRDG_TB1 355580	33.80 -0.62 0.00	32.45 -0.63 0.00	32.35 -0.66 0.00	31.42 -0.58 0.00	32.66 -0.67 0.00	34.61 -0.60 0.00	40.39 -0.66 0.00	46.32 -0.95 0.00	45.99 -0.75 0.00	47.49 -0.67 0.00	49.24 -0.70 0.00	48.08 -0.83 0.00	48.41 -1.09 0.00	47.81 -1.18 0.00	46.35 -1.14 0.00	47.31 -1.21 0.00	49.96 -1.33 0.00	53.29 -1.37 0.00	48.85 -1.30 0.00	46.15 -1.23 0.00	43.97 -1.17 0.00	38.87 -0.96 0.00	35.52 -0.80 0.00	34.38 -0.77 0.00
HELLGATE_13_KV_LD 55870	36.55 2.13 0.00	35.03 1.95 0.00	34.79 1.78 0.00	33.54 1.54 0.00	34.96 1.63 0.00	36.97 1.76 0.00	42.93 1.89 0.00	49.73 2.46 0.00	50.14 2.99 -0.40	51.77 2.84 -0.76	54.13 2.70 -1.50	53.93 2.84 -2.17	54.33 2.52 -2.31	53.45 2.65 -1.81	51.62 2.90 -1.24	52.53 3.40 -0.60	55.09 3.80 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.29 3.46 0.00	39.45 3.12 0.00	38.04 2.88 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.55 2.13 0.00	35.03 1.95 0.00	34.79 1.78 0.00	33.54 1.54 0.00	34.96 1.63 0.00	36.97 1.76 0.00	42.93 1.89 0.00	49.73 2.46 0.00	50.14 2.99 -0.40	51.77 2.84 -0.76	54.13 2.70 -1.50	53.93 2.84 -2.17	54.33 2.52 -2.31	53.45 2.65 -1.81	51.62 2.90 -1.24	52.53 3.40 -0.60	55.09 3.80 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.29 3.46 0.00	39.45 3.12 0.00	38.04 2.88 0.00
HEMPSTEAD____ 23647	36.62 2.20 0.00	34.77 1.69 0.00	34.50 1.49 0.00	33.25 1.25 0.00	34.72 1.40 0.00	36.68 1.48 0.00	42.52 1.48 0.00	49.40 2.13 0.00	49.76 2.62 -0.40	51.43 2.50 -0.76	54.38 2.95 -1.49	54.61 3.52 -2.17	54.72 2.92 -2.31	53.74 2.94 -1.81	52.00 3.27 -1.23	52.96 3.83 -0.60	55.72 4.36 -0.06	59.48 4.81 -0.02	54.68 4.52 -0.02	51.64 4.27 0.00	49.34 4.20 0.00	43.95 3.79 -0.35	39.41 3.09 0.00	37.93 2.78 0.00
HEWLETT_69_KV_BK3 55828	36.90 2.48 0.00	35.13 2.05 0.00	34.73 1.72 0.00	33.47 1.47 0.00	34.96 1.63 0.00	36.93 1.73 0.00	42.93 1.89 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.86 2.94 -0.76	54.93 3.50 -1.49	55.10 4.01 -2.17	55.17 3.37 -2.31	54.32 3.53 -1.81	52.48 3.75 -1.23	53.45 4.32 -0.60	56.29 4.92 -0.06	60.03 5.36 -0.02	55.23 5.07 -0.02	52.16 4.79 0.00	49.84 4.69 0.00	44.39 4.22 -0.35	39.77 3.45 0.00	38.25 3.09 0.00
HICKLING___1 23621	34.76 0.34 0.00	33.38 0.30 0.00	33.24 0.23 0.00	32.42 0.42 0.00	33.76 0.43 0.00	35.91 0.70 0.00	41.83 0.78 0.00	47.18 -0.09 0.00	47.16 0.42 0.00	48.84 0.67 0.00	50.69 0.75 0.00	49.21 0.29 0.00	49.30 -0.20 0.00	48.55 -0.44 0.00	46.97 -0.52 0.00	47.75 -0.78 0.00	50.32 -0.97 0.00	53.67 -0.98 0.00	48.95 -1.20 0.00	46.19 -1.18 0.00	43.83 -1.31 0.00	38.91 -0.92 0.00	35.85 -0.47 0.00	34.77 -0.39 0.00
HICKLING___2 23622	34.76 0.34 0.00	33.38 0.30 0.00	33.24 0.23 0.00	32.42 0.42 0.00	33.76 0.43 0.00	35.91 0.70 0.00	41.83 0.78 0.00	47.18 -0.09 0.00	47.16 0.42 0.00	48.84 0.67 0.00	50.69 0.75 0.00	49.21 0.29 0.00	49.30 -0.20 0.00	48.55 -0.44 0.00	46.97 -0.52 0.00	47.75 -0.78 0.00	50.32 -0.97 0.00	53.67 -0.98 0.00	48.95 -1.20 0.00	46.19 -1.18 0.00	43.83 -1.31 0.00	38.91 -0.92 0.00	35.85 -0.47 0.00	34.77 -0.39 0.00
HIGH FALLS___HY 23754	36.66 2.24 0.00	35.00 1.92 0.00	34.86 1.85 0.00	33.63 1.63 0.00	35.06 1.73 0.00	37.25 2.04 0.00	43.55 2.50 0.00	50.39 3.12 0.00	50.36 3.69 0.08	51.34 3.32 0.15	52.89 3.25 0.29	51.81 3.33 0.43	52.01 2.97 0.45	51.67 3.04 0.36	50.57 3.32 0.24	52.34 3.93 0.12	55.96 4.67 0.00	60.01 5.36 0.00	54.96 4.81 0.00	51.93 4.55 0.00	49.57 4.42 0.00	43.65 3.82 0.00	39.66 3.34 0.00	38.18 3.02 0.00
HIGH_RIVER___SOLAR 323847	35.80 1.38 0.00	34.41 1.32 0.00	34.30 1.29 0.00	33.21 1.22 0.00	34.62 1.30 0.00	36.62 1.41 0.00	42.73 1.68 0.00	49.25 1.98 0.00	48.92 2.11 -0.07	50.23 1.93 -0.14	52.00 1.80 -0.27	51.12 1.81 -0.39	51.54 1.63 -0.42	50.93 1.61 -0.33	49.33 1.62 -0.22	50.67 2.04 -0.11	53.61 2.31 0.00	57.33 2.68 0.00	52.61 2.46 0.00	49.75 2.37 0.00	47.35 2.21 0.00	41.73 1.91 0.00	37.92 1.60 0.00	36.63 1.48 0.00

HILLBURN___GT 23639	36.04 1.62 0.00	34.41 1.32 0.00	34.30 1.29 0.00	33.15 1.15 0.00	34.56 1.23 0.00	36.51 1.30 0.00	42.48 1.44 0.00	49.25 1.98 0.00	48.61 2.48 0.61	49.37 2.36 1.16	50.01 2.35 2.28	48.15 2.54 3.31	48.16 2.18 3.52	48.49 2.25 2.75	48.08 2.47 1.88	50.47 2.86 0.92	54.58 3.29 0.00	58.37 3.72 0.00	53.56 3.41 0.00	50.74 3.36 0.00	48.44 3.29 0.00	42.81 2.99 0.00	38.90 2.58 0.00	37.47 2.32 0.00
HILLSIDE_115KV_TB1 80332	34.38 -0.03 0.00	33.02 -0.07 0.00	32.91 -0.10 0.00	32.06 0.06 0.00	33.39 0.07 0.00	35.45 0.25 0.00	41.29 0.25 0.00	46.66 -0.61 0.00	46.60 -0.14 0.00	48.21 0.05 0.00	49.99 0.05 0.00	48.62 -0.29 0.00	48.75 -0.74 0.00	48.06 -0.93 0.00	46.49 -1.00 0.00	47.36 -1.16 0.00	50.01 -1.28 0.00	53.29 -1.37 0.00	48.64 -1.50 0.00	45.96 -1.42 0.00	43.61 -1.53 0.00	38.75 -1.08 0.00	35.67 -0.65 0.00	34.59 -0.56 0.00
HISHELDN_WT_PWR 323625	33.80 -0.62 0.00	32.72 -0.36 0.00	32.35 -0.66 0.00	31.62 -0.38 0.00	32.89 -0.43 0.00	35.24 0.04 0.00	40.80 -0.24 0.00	45.05 -2.22 0.00	45.34 -1.40 0.00	47.11 -1.06 0.00	48.79 -1.15 0.00	46.91 -2.01 0.00	46.82 -2.67 0.00	46.00 -2.99 0.00	44.26 -3.23 0.00	44.79 -3.74 0.00	47.04 -4.26 0.00	49.63 -5.03 0.00	45.18 -4.97 0.00	42.59 -4.78 0.00	40.31 -4.83 0.00	36.00 -3.82 0.00	33.71 -2.62 0.00	32.87 -2.28 0.00
HOLTSVILLE_IC_1 23690	37.03 2.61 0.00	35.07 1.98 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.93 1.72 0.00	42.57 1.52 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.57 2.65 -0.76	54.87 3.44 -1.49	55.24 4.16 -2.17	55.12 3.32 -2.31	54.13 3.33 -1.81	52.33 3.61 -1.23	53.59 4.46 -0.60	56.70 5.33 -0.06	60.52 5.85 -0.02	55.63 5.47 -0.02	52.35 4.97 0.00	50.06 4.92 0.00	44.59 4.42 -0.35	39.92 3.60 0.00	38.39 3.23 0.00
HOLTSVILLE_IC_10 23699	37.24 2.82 0.00	35.23 2.15 0.00	34.82 1.81 0.00	33.54 1.54 0.00	35.12 1.80 0.00	37.07 1.86 0.00	42.77 1.72 0.00	49.82 2.55 0.00	50.18 3.04 -0.40	51.91 2.99 -0.76	55.23 3.79 -1.49	55.58 4.50 -2.17	55.52 3.71 -2.31	54.47 3.68 -1.81	52.62 3.90 -1.23	53.93 4.81 -0.60	57.11 5.74 -0.06	61.01 6.34 -0.02	56.03 5.86 -0.02	52.68 5.31 0.00	50.38 5.23 0.00	44.87 4.70 -0.35	40.13 3.81 0.00	38.56 3.41 0.00
HOLTSVILLE_IC_2 23691	37.03 2.61 0.00	35.07 1.98 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.93 1.72 0.00	42.57 1.52 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.57 2.65 -0.76	54.87 3.44 -1.49	55.24 4.16 -2.17	55.12 3.32 -2.31	54.13 3.33 -1.81	52.33 3.61 -1.23	53.59 4.46 -0.60	56.70 5.33 -0.06	60.52 5.85 -0.02	55.63 5.47 -0.02	52.35 4.97 0.00	50.06 4.92 0.00	44.59 4.42 -0.35	39.92 3.60 0.00	38.39 3.23 0.00
HOLTSVILLE_IC_3 23692	37.03 2.61 0.00	35.07 1.98 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.93 1.72 0.00	42.57 1.52 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.57 2.65 -0.76	54.87 3.44 -1.49	55.24 4.16 -2.17	55.12 3.32 -2.31	54.13 3.33 -1.81	52.33 3.61 -1.23	53.59 4.46 -0.60	56.70 5.33 -0.06	60.52 5.85 -0.02	55.63 5.47 -0.02	52.35 4.97 0.00	50.06 4.92 0.00	44.59 4.42 -0.35	39.92 3.60 0.00	38.39 3.23 0.00
HOLTSVILLE_IC_4 23693	37.03 2.61 0.00	35.07 1.98 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.93 1.72 0.00	42.57 1.52 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.57 2.65 -0.76	54.87 3.44 -1.49	55.24 4.16 -2.17	55.12 3.32 -2.31	54.13 3.33 -1.81	52.33 3.61 -1.23	53.59 4.46 -0.60	56.70 5.33 -0.06	60.52 5.85 -0.02	55.63 5.47 -0.02	52.35 4.97 0.00	50.06 4.92 0.00	44.59 4.42 -0.35	39.92 3.60 0.00	38.39 3.23 0.00
HOLTSVILLE_IC_5 23694	37.03 2.61 0.00	35.07 1.98 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.93 1.72 0.00	42.57 1.52 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.57 2.65 -0.76	54.87 3.44 -1.49	55.24 4.16 -2.17	55.12 3.32 -2.31	54.13 3.33 -1.81	52.33 3.61 -1.23	53.59 4.46 -0.60	56.70 5.33 -0.06	60.52 5.85 -0.02	55.63 5.47 -0.02	52.35 4.97 0.00	50.06 4.92 0.00	44.59 4.42 -0.35	39.92 3.60 0.00	38.39 3.23 0.00
HOLTSVILLE_IC_6 23695	37.24 2.82 0.00	35.23 2.15 0.00	34.82 1.81 0.00	33.54 1.54 0.00	35.12 1.80 0.00	37.07 1.86 0.00	42.77 1.72 0.00	49.82 2.55 0.00	50.18 3.04 -0.40	51.91 2.99 -0.76	55.23 3.79 -1.49	55.58 4.50 -2.17	55.52 3.71 -2.31	54.47 3.68 -1.81	52.62 3.90 -1.23	53.93 4.81 -0.60	57.11 5.74 -0.06	61.01 6.34 -0.02	56.03 5.86 -0.02	52.68 5.31 0.00	50.38 5.23 0.00	44.87 4.70 -0.35	40.13 3.81 0.00	38.56 3.41 0.00
HOLTSVILLE_IC_7 23696	37.24 2.82 0.00	35.23 2.15 0.00	34.82 1.81 0.00	33.54 1.54 0.00	35.12 1.80 0.00	37.07 1.86 0.00	42.77 1.72 0.00	49.82 2.55 0.00	50.18 3.04 -0.40	51.91 2.99 -0.76	55.23 3.79 -1.49	55.58 4.50 -2.17	55.52 3.71 -2.31	54.47 3.68 -1.81	52.62 3.90 -1.23	53.93 4.81 -0.60	57.11 5.74 -0.06	61.01 6.34 -0.02	56.03 5.86 -0.02	52.68 5.31 0.00	50.38 5.23 0.00	44.87 4.70 -0.35	40.13 3.81 0.00	38.56 3.41 0.00
HOLTSVILLE_IC_8 23697	37.24 2.82 0.00	35.23 2.15 0.00	34.82 1.81 0.00	33.54 1.54 0.00	35.12 1.80 0.00	37.07 1.86 0.00	42.77 1.72 0.00	49.82 2.55 0.00	50.18 3.04 -0.40	51.91 2.99 -0.76	55.23 3.79 -1.49	55.58 4.50 -2.17	55.52 3.71 -2.31	54.47 3.68 -1.81	52.62 3.90 -1.23	53.93 4.81 -0.60	57.11 5.74 -0.06	61.01 6.34 -0.02	56.03 5.86 -0.02	52.68 5.31 0.00	50.38 5.23 0.00	44.87 4.70 -0.35	40.13 3.81 0.00	38.56 3.41 0.00
HOLTSVILLE_IC_9 23698	37.24 2.82 0.00	35.23 2.15 0.00	34.82 1.81 0.00	33.54 1.54 0.00	35.12 1.80 0.00	37.07 1.86 0.00	42.77 1.72 0.00	49.82 2.55 0.00	50.18 3.04 -0.40	51.91 2.99 -0.76	55.23 3.79 -1.49	55.58 4.50 -2.17	55.52 3.71 -2.31	54.47 3.68 -1.81	52.62 3.90 -1.23	53.93 4.81 -0.60	57.11 5.74 -0.06	61.01 6.34 -0.02	56.03 5.86 -0.02	52.68 5.31 0.00	50.38 5.23 0.00	44.87 4.70 -0.35	40.13 3.81 0.00	38.56 3.41 0.00
HOMER_HL_115KV_TB2 355744	35.04 0.62 0.00	33.64 0.56 0.00	33.44 0.43 0.00	32.80 0.80 0.00	34.12 0.80 0.00	36.37 1.16 0.00	42.15 1.11 0.00	46.66 -0.61 0.00	47.02 0.28 0.00	48.79 0.63 0.00	50.64 0.70 0.00	48.91 0.00 0.00	48.85 -0.64 0.00	48.06 -0.93 0.00	46.26 -1.23 0.00	46.88 -1.65 0.00	49.19 -2.10 0.00	52.19 -2.46 0.00	47.44 -2.71 0.00	44.72 -2.65 0.00	42.21 -2.93 0.00	37.95 -1.87 0.00	35.49 -0.84 0.00	34.56 -0.60 0.00
HOWARD_WT_PWR 323690	34.49 0.07 0.00	33.41 0.33 0.00	33.24 0.23 0.00	32.48 0.48 0.00	33.79 0.47 0.00	36.23 1.02 0.00	42.11 1.07 0.00	47.13 -0.14 0.00	47.16 0.42 0.00	48.89 0.72 0.00	50.84 0.90 0.00	49.01 0.10 0.00	48.55 -0.94 0.00	47.23 -1.76 0.00	45.45 -2.04 0.00	45.95 -2.57 0.00	48.27 -3.03 0.00	51.15 -3.50 0.00	46.49 -3.66 0.00	43.73 -3.65 0.00	41.49 -3.66 0.00	36.72 -3.11 0.00	34.00 -2.33 0.00	33.01 -2.15 0.00

HQ_GEN_CEDARS 23644	33.56 -0.86 0.00	32.29 -0.79 0.00	32.25 -0.76 0.00	31.23 -0.77 0.00	32.16 -1.17 0.00	34.50 -0.70 0.00	39.69 -1.35 0.00	46.42 -0.85 0.00	45.67 -1.08 0.00	47.20 -0.96 0.00	50.34 0.40 0.00	49.26 0.34 0.00	50.19 0.69 0.00	49.77 0.78 0.00	46.64 -0.85 0.00	46.78 -1.75 0.00	48.94 -2.36 0.00	52.20 -2.46 0.00	47.79 -2.36 0.00	44.91 -2.46 0.00	42.52 -2.62 0.00	37.07 -2.75 0.00	34.03 -2.29 0.00	61.06 -1.44 -27.35
HQ_GEN_CEDARS_PROXY 323590	33.56 -0.86 0.00	32.29 -0.79 0.00	32.25 -0.76 0.00	31.23 -0.77 0.00	32.16 -1.17 0.00	34.50 -0.70 0.00	39.69 -1.35 0.00	46.42 -0.85 0.00	45.67 -1.07 0.00	47.20 -0.96 0.00	50.34 0.40 0.00	49.21 0.30 0.00	50.19 0.69 0.00	49.77 0.78 0.00	46.64 -0.85 0.00	46.78 -1.74 0.00	48.94 -2.36 0.00	51.98 -2.68 0.00	47.79 -2.36 0.00	44.91 -2.47 0.00	42.52 -2.62 0.00	37.08 -2.75 0.00	34.03 -2.29 0.00	61.06 -1.44 -27.35
HQ_GEN_IMPORT 323601	34.42 0.00 0.00	33.12 0.03 0.00	33.08 0.07 0.00	32.06 0.06 0.00	33.39 0.07 0.00	35.31 0.11 0.00	41.21 0.16 0.00	47.51 0.24 0.00	46.60 -0.14 0.00	48.02 -0.14 0.00	49.84 -0.10 0.00	48.87 -0.05 0.00	49.89 0.39 0.00	49.38 0.39 0.00	47.83 0.33 0.00	48.72 0.19 0.00	51.40 0.10 0.00	54.60 -0.05 0.00	50.15 0.00 0.00	47.28 -0.09 0.00	45.01 -0.14 0.00	39.62 -0.20 0.00	36.18 -0.14 0.00	33.38 -0.07 1.70
HQ_GEN_WHEEL 23651	34.42 0.00 0.00	33.12 0.03 0.00	33.08 0.07 0.00	32.06 0.06 0.00	33.39 0.07 0.00	35.31 0.11 0.00	41.21 0.16 0.00	47.51 0.24 0.00	46.60 -0.14 0.00	48.02 -0.14 0.00	49.84 -0.10 0.00	48.87 -0.05 0.00	49.89 0.39 0.00	49.38 0.39 0.00	47.83 0.33 0.00	48.72 0.19 0.00	51.40 0.10 0.00	54.60 -0.05 0.00	50.15 0.00 0.00	47.28 -0.09 0.00	45.01 -0.14 0.00	39.62 -0.20 0.00	36.18 -0.14 0.00	33.38 -0.07 1.70
HUDSON AVE_GT_3 23810	36.45 2.03 0.00	34.87 1.79 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.93 1.73 0.00	43.02 1.97 0.00	49.96 2.69 0.00	50.37 3.23 -0.40	52.06 3.13 -0.76	54.48 3.05 -1.50	54.27 3.18 -2.18	54.68 2.87 -2.31	53.74 2.94 -1.81	51.91 3.18 -1.24	52.77 3.64 -0.60	55.19 3.90 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.41 4.03 0.00	49.07 3.93 0.00	43.33 3.50 0.00	39.34 3.01 0.00	37.93 2.78 0.00
HUDSON AVE_GT_4 23540	36.45 2.03 0.00	34.87 1.79 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.93 1.73 0.00	43.02 1.97 0.00	49.96 2.69 0.00	50.37 3.23 -0.40	52.06 3.13 -0.76	54.48 3.05 -1.50	54.27 3.18 -2.18	54.68 2.87 -2.31	53.74 2.94 -1.81	51.91 3.18 -1.24	52.77 3.64 -0.60	55.19 3.90 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.41 4.03 0.00	49.07 3.93 0.00	43.33 3.50 0.00	39.34 3.01 0.00	37.93 2.78 0.00
HUDSON AVE_GT_5 23657	36.45 2.03 0.00	34.87 1.79 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.93 1.73 0.00	43.02 1.97 0.00	49.96 2.69 0.00	50.37 3.23 -0.40	52.06 3.13 -0.76	54.48 3.05 -1.50	54.27 3.18 -2.18	54.68 2.87 -2.31	53.74 2.94 -1.81	51.91 3.18 -1.24	52.77 3.64 -0.60	55.19 3.90 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.41 4.03 0.00	49.07 3.93 0.00	43.33 3.50 0.00	39.34 3.01 0.00	37.93 2.78 0.00
HUDSON_AVE_10 24168	36.35 1.93 0.00	34.80 1.72 0.00	34.59 1.58 0.00	33.38 1.38 0.00	34.79 1.47 0.00	36.82 1.62 0.00	42.93 1.89 0.00	49.92 2.65 0.00	50.32 3.18 -0.40	52.01 3.08 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.18	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.36 3.98 0.00	48.98 3.84 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
HUDSON___115KV_TB 4 355613	35.90 1.48 0.00	34.44 1.36 0.00	34.33 1.32 0.00	33.18 1.18 0.00	34.59 1.27 0.00	36.37 1.16 0.00	42.44 1.40 0.00	48.92 1.65 0.00	48.73 1.92 -0.07	49.99 1.69 -0.13	51.80 1.60 -0.26	50.91 1.61 -0.38	51.29 1.39 -0.41	50.78 1.47 -0.32	49.23 1.52 -0.22	50.43 1.80 -0.11	53.40 2.10 0.00	57.17 2.51 0.00	52.46 2.31 0.00	49.56 2.18 0.00	47.26 2.12 0.00	41.54 1.71 0.00	37.77 1.45 0.00	36.52 1.37 0.00
HUNTER MOUNT___DRP 323613	36.04 1.62 0.00	34.57 1.49 0.00	34.50 1.49 0.00	33.31 1.31 0.00	34.72 1.40 0.00	36.54 1.34 0.00	42.73 1.68 0.00	49.16 1.89 0.00	48.99 2.20 -0.05	50.14 1.88 -0.10	51.83 1.70 -0.19	50.96 1.76 -0.28	51.33 1.53 -0.30	50.84 1.62 -0.23	49.31 1.66 -0.16	50.59 1.99 -0.08	53.66 2.36 0.00	57.55 2.90 0.00	52.71 2.56 0.00	49.75 2.37 0.00	47.40 2.26 0.00	41.65 1.83 0.00	37.88 1.56 0.00	36.63 1.48 0.00
HUNTINGTON_RES_REC 323705	37.07 2.65 0.00	35.10 2.02 0.00	34.73 1.72 0.00	33.44 1.44 0.00	34.99 1.67 0.00	36.97 1.76 0.00	42.65 1.60 0.00	49.63 2.36 0.00	50.00 2.85 -0.40	51.57 2.65 -0.76	54.58 3.15 -1.49	54.95 3.86 -2.17	54.92 3.12 -2.31	53.94 3.14 -1.81	52.33 3.61 -1.23	53.40 4.27 -0.60	56.39 5.03 -0.06	60.25 5.58 -0.02	55.33 5.17 -0.02	52.26 4.88 0.00	50.02 4.88 0.00	44.59 4.42 -0.35	39.88 3.56 0.00	38.32 3.17 0.00
HUNTLEY___63 23557	33.56 -0.86 0.00	32.22 -0.86 0.00	31.99 -1.02 0.00	31.26 -0.74 0.00	32.56 -0.77 0.00	34.82 -0.39 0.00	40.31 -0.74 0.00	44.10 -3.17 0.00	44.64 -2.10 0.00	46.43 -1.73 0.00	48.19 -1.75 0.00	46.27 -2.64 0.00	46.23 -3.27 0.00	45.51 -3.48 0.00	43.74 -3.75 0.00	44.26 -4.27 0.00	46.42 -4.87 0.00	49.13 -5.52 0.00	44.78 -5.37 0.00	42.31 -5.07 0.00	40.04 -5.10 0.00	35.84 -3.98 0.00	33.78 -2.54 0.00	33.01 -2.14 0.00
HUNTLEY___64 23558	33.56 -0.86 0.00	32.22 -0.86 0.00	31.99 -1.02 0.00	31.26 -0.74 0.00	32.56 -0.77 0.00	34.82 -0.39 0.00	40.31 -0.74 0.00	44.10 -3.17 0.00	44.64 -2.10 0.00	46.43 -1.73 0.00	48.19 -1.75 0.00	46.27 -2.64 0.00	46.23 -3.27 0.00	45.51 -3.48 0.00	43.74 -3.75 0.00	44.26 -4.27 0.00	46.42 -4.87 0.00	49.13 -5.52 0.00	44.78 -5.37 0.00	42.31 -5.07 0.00	40.04 -5.10 0.00	35.84 -3.98 0.00	33.78 -2.54 0.00	33.01 -2.14 0.00
HUNTLEY___65 23559	33.56 -0.86 0.00	32.22 -0.86 0.00	31.99 -1.02 0.00	31.26 -0.74 0.00	32.56 -0.77 0.00	34.82 -0.39 0.00	40.31 -0.74 0.00	44.10 -3.17 0.00	44.64 -2.10 0.00	46.43 -1.73 0.00	48.19 -1.75 0.00	46.27 -2.64 0.00	46.23 -3.27 0.00	45.51 -3.48 0.00	43.74 -3.75 0.00	44.26 -4.27 0.00	46.42 -4.87 0.00	49.13 -5.52 0.00	44.78 -5.37 0.00	42.31 -5.07 0.00	40.04 -5.10 0.00	35.84 -3.98 0.00	33.78 -2.54 0.00	33.01 -2.14 0.00
HUNTLEY___66 23560	33.56 -0.86 0.00	32.22 -0.86 0.00	31.99 -1.02 0.00	31.26 -0.74 0.00	32.56 -0.77 0.00	34.82 -0.39 0.00	40.31 -0.74 0.00	44.10 -3.17 0.00	44.64 -2.10 0.00	46.43 -1.73 0.00	48.19 -1.75 0.00	46.27 -2.64 0.00	46.23 -3.27 0.00	45.51 -3.48 0.00	43.74 -3.75 0.00	44.26 -4.27 0.00	46.42 -4.87 0.00	49.13 -5.52 0.00	44.78 -5.37 0.00	42.31 -5.07 0.00	40.04 -5.10 0.00	35.84 -3.98 0.00	33.78 -2.54 0.00	33.01 -2.14 0.00

HUNTLEY___67 23561	33.32 -1.10 0.00	31.99 -1.09 0.00	31.76 -1.25 0.00	31.07 -0.93 0.00	32.32 -1.00 0.00	34.57 -0.63 0.00	39.98 -1.07 0.00	43.77 -3.50 0.00	44.27 -2.48 0.00	46.05 -2.12 0.00	47.74 -2.20 0.00	45.83 -3.08 0.00	45.78 -3.71 0.00	45.12 -3.87 0.00	43.36 -4.13 0.00	43.92 -4.61 0.00	46.06 -5.23 0.00	48.80 -5.85 0.00	44.48 -5.67 0.00	42.02 -5.35 0.00	39.77 -5.37 0.00	35.60 -4.22 0.00	33.52 -2.80 0.00	32.76 -2.39 0.00
HUNTLEY___68 23562	33.32 -1.10 0.00	31.99 -1.09 0.00	31.76 -1.25 0.00	31.07 -0.93 0.00	32.32 -1.00 0.00	34.57 -0.63 0.00	39.98 -1.07 0.00	43.77 -3.50 0.00	44.27 -2.48 0.00	46.05 -2.12 0.00	47.74 -2.20 0.00	45.83 -3.08 0.00	45.78 -3.71 0.00	45.12 -3.87 0.00	43.36 -4.13 0.00	43.92 -4.61 0.00	46.06 -5.23 0.00	48.80 -5.85 0.00	44.48 -5.67 0.00	42.02 -5.35 0.00	39.77 -5.37 0.00	35.60 -4.22 0.00	33.52 -2.80 0.00	32.76 -2.39 0.00
HYLAND___LFGE 323620	35.11 0.69 0.00	33.81 0.73 0.00	33.44 0.43 0.00	32.64 0.64 0.00	34.06 0.73 0.00	36.65 1.44 0.00	42.69 1.64 0.00	48.02 0.75 0.00	47.86 1.12 0.00	49.42 1.25 0.00	51.04 1.10 0.00	49.26 0.34 0.00	49.35 -0.15 0.00	48.60 -0.39 0.00	46.97 -0.52 0.00	47.89 -0.63 0.00	50.78 -0.51 0.00	54.33 -0.33 0.00	49.40 -0.75 0.00	46.62 -0.76 0.00	44.01 -1.13 0.00	38.95 -0.88 0.00	36.03 -0.29 0.00	34.80 -0.35 0.00
INDECK___CORINTH 23802	36.86 2.44 0.00	35.43 2.35 0.00	35.29 2.28 0.00	34.08 2.08 0.00	35.56 2.23 0.00	37.71 2.50 0.00	44.13 3.08 0.00	50.86 3.59 0.00	50.80 3.97 -0.08	52.37 4.05 -0.16	54.30 4.04 -0.32	53.48 4.11 -0.46	53.79 3.81 -0.49	53.19 3.82 -0.38	51.27 3.51 -0.26	52.44 3.79 -0.13	55.40 4.11 0.00	59.30 4.64 0.00	54.41 4.26 0.00	51.40 4.02 0.00	48.89 3.74 0.00	42.93 3.11 0.00	38.90 2.58 0.00	37.55 2.39 0.00
INDECK___ILION 23567	34.59 0.17 0.00	33.28 0.20 0.00	33.21 0.20 0.00	32.19 0.19 0.00	33.56 0.23 0.00	35.49 0.28 0.00	41.42 0.37 0.00	47.74 0.47 0.00	47.35 0.61 0.00	48.84 0.67 0.00	50.64 0.70 0.00	49.60 0.68 0.00	50.09 0.59 0.00	49.63 0.64 0.00	48.01 0.52 0.00	49.06 0.53 0.00	51.76 0.46 0.00	55.09 0.44 0.00	50.55 0.40 0.00	47.80 0.43 0.00	45.50 0.36 0.00	40.18 0.36 0.00	36.58 0.25 0.00	35.36 0.21 0.00
INDECK___OLEAN 23982	34.94 0.52 0.00	33.81 0.73 0.00	33.44 0.43 0.00	32.80 0.80 0.00	34.12 0.80 0.00	36.44 1.23 0.00	42.19 1.15 0.00	46.75 -0.52 0.00	46.98 0.23 0.00	48.79 0.62 0.00	50.69 0.75 0.00	48.87 -0.05 0.00	48.85 -0.64 0.00	48.06 -0.93 0.00	46.31 -1.19 0.00	46.88 -1.65 0.00	49.24 -2.05 0.00	52.19 -2.46 0.00	47.44 -2.71 0.00	44.72 -2.65 0.00	42.21 -2.93 0.00	37.95 -1.87 0.00	35.52 -0.80 0.00	34.56 -0.60 0.00
INDECK___OSWEGO 23783	33.42 -1.00 0.00	32.12 -0.96 0.00	31.99 -1.02 0.00	31.04 -0.96 0.00	32.29 -1.03 0.00	34.22 -0.99 0.00	39.90 -1.15 0.00	45.85 -1.42 0.00	45.39 -1.36 0.00	46.87 -1.30 0.00	48.59 -1.35 0.00	47.40 -1.52 0.00	47.72 -1.78 0.00	47.08 -1.91 0.00	45.59 -1.90 0.00	46.58 -1.94 0.00	49.24 -2.05 0.00	52.47 -2.19 0.00	48.09 -2.06 0.00	45.43 -1.94 0.00	43.43 -1.72 0.00	38.43 -1.39 0.00	35.09 -1.24 0.00	35.20 -1.20 -1.24
INDECK___YERKES 23781	33.52 -0.90 0.00	32.49 -0.59 0.00	32.02 -0.99 0.00	31.33 -0.67 0.00	32.59 -0.73 0.00	34.92 -0.28 0.00	40.39 -0.66 0.00	44.20 -3.07 0.00	44.69 -2.06 0.00	46.53 -1.64 0.00	48.24 -1.70 0.00	46.27 -2.64 0.00	46.28 -3.22 0.00	45.61 -3.38 0.00	43.83 -3.66 0.00	44.35 -4.17 0.00	46.68 -4.62 0.00	49.19 -5.46 0.00	44.83 -5.32 0.00	42.40 -4.97 0.00	40.13 -5.01 0.00	35.88 -3.94 0.00	33.82 -2.51 0.00	33.05 -2.11 0.00
INDIAN POINT_GT_1 24139	36.10 1.69 0.00	34.54 1.46 0.00	34.40 1.39 0.00	33.22 1.22 0.00	34.62 1.30 0.00	36.58 1.37 0.00	42.57 1.52 0.00	49.40 2.13 0.00	49.79 2.62 -0.43	51.44 2.46 -0.82	54.05 2.50 -1.61	53.90 2.64 -2.34	54.26 2.28 -2.49	53.34 2.40 -1.95	51.39 2.56 -1.33	52.14 2.96 -0.65	54.63 3.33 0.00	58.37 3.72 0.00	53.56 3.41 0.00	50.79 3.41 0.00	48.44 3.30 0.00	42.77 2.95 0.00	38.86 2.54 0.00	37.47 2.32 0.00
INDIAN POINT_GT_2 23659	36.10 1.69 0.00	34.54 1.46 0.00	34.40 1.39 0.00	33.22 1.22 0.00	34.62 1.30 0.00	36.58 1.37 0.00	42.57 1.52 0.00	49.40 2.13 0.00	49.79 2.62 -0.43	51.44 2.46 -0.82	54.05 2.50 -1.61	53.90 2.64 -2.34	54.26 2.28 -2.49	53.34 2.40 -1.95	51.39 2.56 -1.33	52.14 2.96 -0.65	54.63 3.33 0.00	58.37 3.72 0.00	53.56 3.41 0.00	50.79 3.41 0.00	48.44 3.30 0.00	42.77 2.95 0.00	38.86 2.54 0.00	37.47 2.32 0.00
INDIAN POINT_GT_3 24019	36.10 1.69 0.00	34.54 1.46 0.00	34.40 1.39 0.00	33.22 1.22 0.00	34.62 1.30 0.00	36.58 1.37 0.00	42.57 1.52 0.00	49.40 2.13 0.00	49.79 2.62 -0.43	51.44 2.46 -0.82	54.05 2.50 -1.61	53.90 2.64 -2.34	54.26 2.28 -2.49	53.34 2.40 -1.95	51.39 2.56 -1.33	52.14 2.96 -0.65	54.63 3.33 0.00	58.37 3.72 0.00	53.56 3.41 0.00	50.79 3.41 0.00	48.44 3.30 0.00	42.77 2.95 0.00	38.86 2.54 0.00	37.47 2.32 0.00
INDIAN POINT___2 23530	36.04 1.62 0.00	34.41 1.32 0.00	34.30 1.29 0.00	33.15 1.15 0.00	34.56 1.23 0.00	36.47 1.27 0.00	42.48 1.44 0.00	49.25 1.98 0.00	49.73 2.48 -0.52	51.45 2.31 -0.98	54.20 2.35 -1.92	54.19 2.49 -2.79	54.63 2.18 -2.96	53.56 2.25 -2.32	51.54 2.47 -1.58	52.11 2.81 -0.77	54.48 3.18 0.00	58.26 3.61 0.00	53.46 3.31 0.00	50.69 3.32 0.00	48.35 3.21 0.00	42.69 2.87 0.00	38.79 2.47 0.00	37.41 2.25 0.00
INDIAN POINT___3 23531	36.07 1.65 0.00	34.54 1.46 0.00	34.36 1.35 0.00	33.18 1.18 0.00	34.59 1.27 0.00	36.54 1.34 0.00	42.52 1.48 0.00	49.30 2.03 0.00	49.70 2.52 -0.44	51.40 2.41 -0.83	53.97 2.40 -1.63	53.83 2.54 -2.37	54.24 2.23 -2.52	53.26 2.30 -1.97	51.31 2.47 -1.35	52.05 2.86 -0.66	54.53 3.23 0.00	58.26 3.61 0.00	53.51 3.36 0.00	50.69 3.32 0.00	48.39 3.25 0.00	42.73 2.91 0.00	38.83 2.51 0.00	37.44 2.28 0.00
INGHAM_C_115KV_TB7 356103	34.59 0.17 0.00	33.28 0.20 0.00	33.24 0.23 0.00	32.26 0.26 0.00	33.69 0.37 0.00	35.70 0.49 0.00	41.66 0.62 0.00	47.98 0.71 0.00	47.63 0.89 0.00	49.18 1.01 0.00	51.04 1.10 0.00	50.04 1.13 0.00	50.53 1.04 0.00	50.02 1.03 0.00	48.35 0.85 0.00	49.30 0.78 0.00	51.86 0.56 0.00	55.15 0.49 0.00	50.55 0.40 0.00	47.80 0.43 0.00	45.50 0.36 0.00	40.18 0.36 0.00	36.58 0.25 0.00	35.33 0.18 0.00
IP CORINTH___1 23988	36.86 2.44 0.00	35.43 2.35 0.00	35.29 2.28 0.00	34.08 2.08 0.00	35.56 2.23 0.00	37.71 2.50 0.00	44.12 3.08 0.00	50.86 3.59 0.00	50.80 3.97 -0.08	52.37 4.05 -0.16	54.30 4.04 -0.32	53.48 4.11 -0.46	53.79 3.81 -0.49	53.19 3.82 -0.38	51.27 3.51 -0.26	52.44 3.79 -0.13	55.40 4.10 0.00	59.30 4.65 0.00	54.41 4.26 0.00	51.41 4.03 0.00	48.89 3.75 0.00	42.93 3.11 0.00	38.90 2.58 0.00	37.54 2.39 0.00

IP__TICONDEROGA 23804	38.34 3.92 0.00	36.89 3.80 0.00	36.64 3.63 0.00	35.39 3.39 0.00	36.92 3.60 0.00	39.32 4.12 0.00	46.18 5.13 0.00	53.18 5.91 0.00	53.18 6.36 -0.09	54.93 6.60 -0.16	56.25 5.99 -0.32	55.49 6.11 -0.46	55.78 5.79 -0.49	55.15 5.78 -0.38	52.98 5.22 -0.26	54.23 5.58 -0.13	57.30 6.00 0.00	61.38 6.72 0.00	56.27 6.12 0.00	53.16 5.78 0.00	50.47 5.33 0.00	44.20 4.38 0.00	39.95 3.63 0.00	38.53 3.37 0.00
ISLIP_RES_REC 323679	37.38 2.96 0.00	35.36 2.28 0.00	34.92 1.91 0.00	33.63 1.63 0.00	35.22 1.90 0.00	37.21 2.01 0.00	42.94 1.89 0.00	50.06 2.79 0.00	50.41 3.27 -0.40	52.15 3.23 -0.76	55.53 4.10 -1.49	55.93 4.84 -2.17	55.81 4.01 -2.31	54.76 3.97 -1.81	52.95 4.23 -1.23	54.22 5.09 -0.60	57.46 6.10 -0.06	61.34 6.67 -0.02	56.33 6.17 -0.02	52.97 5.59 0.00	50.60 5.46 0.00	45.07 4.90 -0.35	40.28 3.96 0.00	38.70 3.55 0.00
JAMAICA__27_KV_LOAD 355505	36.48 2.07 0.00	34.90 1.82 0.00	34.73 1.72 0.00	33.47 1.47 0.00	34.89 1.57 0.00	37.04 1.83 0.00	43.26 2.22 0.00	50.34 3.07 0.00	50.79 3.65 -0.40	52.49 3.56 -0.76	54.68 3.25 -1.50	54.47 3.38 -2.18	54.88 3.07 -2.31	53.94 3.14 -1.81	52.10 3.37 -1.24	52.96 3.83 -0.60	55.50 4.21 0.00	59.25 4.59 0.00	54.41 4.26 0.00	51.69 4.31 0.00	49.34 4.20 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.11 2.95 0.00
JANIS__SOLAR 323808	35.69 1.27 0.00	34.31 1.22 0.00	34.16 1.15 0.00	33.21 1.22 0.00	34.59 1.27 0.00	36.90 1.69 0.00	43.26 2.21 0.00	56.06 8.79 0.00	55.44 8.74 0.04	57.28 9.20 0.08	59.46 9.69 0.16	57.68 9.00 0.24	57.90 8.66 0.25	57.66 8.87 0.20	55.62 8.26 0.14	56.86 8.40 0.07	59.86 8.57 0.00	57.06 2.40 0.00	52.30 2.15 0.00	49.41 2.04 0.00	46.90 1.76 0.00	41.34 1.51 0.00	37.70 1.38 0.00	36.42 1.26 0.00
JARVIS____ 23743	34.52 0.10 0.00	33.15 0.07 0.00	33.08 0.07 0.00	32.06 0.06 0.00	33.39 0.07 0.00	35.28 0.07 0.00	41.13 0.08 0.00	47.36 0.09 0.00	46.98 0.23 0.00	48.41 0.24 0.00	50.19 0.25 0.00	49.16 0.25 0.00	49.64 0.15 0.00	49.14 0.15 0.00	47.63 0.14 0.00	48.72 0.19 0.00	51.50 0.21 0.00	54.87 0.22 0.00	50.35 0.20 0.00	47.57 0.19 0.00	45.32 0.18 0.00	40.02 0.20 0.00	36.47 0.15 0.00	35.29 0.14 0.00
JENNISON__1 23625	36.00 1.58 0.00	34.57 1.49 0.00	34.46 1.45 0.00	33.47 1.47 0.00	34.89 1.57 0.00	37.14 1.94 0.00	43.47 2.42 0.00	51.57 4.30 0.00	51.23 4.53 0.04	52.90 4.82 0.08	54.87 5.09 0.16	53.37 4.70 0.24	53.65 4.41 0.25	53.20 4.41 0.20	51.44 4.08 0.14	52.63 4.17 0.07	55.55 4.26 0.00	57.55 2.90 0.00	52.81 2.66 0.00	49.94 2.56 0.00	47.40 2.26 0.00	41.77 1.95 0.00	38.10 1.78 0.00	36.84 1.69 0.00
JENNISON__2 23626	36.00 1.58 0.00	34.57 1.49 0.00	34.46 1.45 0.00	33.47 1.47 0.00	34.89 1.57 0.00	37.14 1.94 0.00	43.47 2.42 0.00	51.57 4.30 0.00	51.23 4.53 0.04	52.90 4.82 0.08	54.87 5.09 0.16	53.37 4.70 0.24	53.65 4.41 0.25	53.20 4.41 0.20	51.44 4.08 0.14	52.63 4.17 0.07	55.55 4.26 0.00	57.55 2.90 0.00	52.81 2.66 0.00	49.94 2.56 0.00	47.40 2.26 0.00	41.77 1.95 0.00	38.10 1.78 0.00	36.84 1.69 0.00
JERICHO_RISE_WT_PWR 323719	33.80 -0.62 0.00	32.55 -0.53 0.00	32.71 -0.30 0.00	31.71 -0.29 0.00	33.06 -0.27 0.00	35.00 -0.21 0.00	40.96 -0.08 0.00	47.51 0.24 0.00	46.37 -0.38 0.00	48.02 -0.14 0.00	49.99 0.05 0.00	49.30 0.39 0.00	50.58 1.09 0.00	50.07 1.08 0.00	48.35 0.86 0.00	48.96 0.44 0.00	51.35 0.05 0.00	54.16 -0.49 0.00	49.65 -0.50 0.00	46.29 -1.09 0.00	43.79 -1.35 0.00	38.15 -1.67 0.00	34.69 -1.63 0.00	-10.00 -1.41 43.75
KATONAH__115KV_46KV_TB4 355592	36.45 2.03 0.00	34.90 1.82 0.00	34.73 1.72 0.00	33.50 1.50 0.00	34.99 1.67 0.00	36.97 1.76 0.00	43.10 2.05 0.00	50.01 2.74 0.00	50.32 3.27 -0.31	51.88 3.13 -0.58	54.27 3.20 -1.14	53.80 3.23 -1.65	54.17 2.92 -1.76	53.40 3.04 -1.38	51.52 3.09 -0.94	52.53 3.54 -0.46	55.19 3.90 0.00	58.86 4.21 0.00	54.11 3.96 0.00	51.31 3.93 0.00	48.98 3.84 0.00	43.17 3.35 0.00	39.19 2.87 0.00	37.76 2.60 0.00
KCE_NY_1 323755	36.62 2.20 0.00	35.20 2.12 0.00	35.06 2.05 0.00	33.89 1.89 0.00	35.32 2.00 0.00	37.39 2.18 0.00	43.68 2.63 0.00	50.34 3.07 0.00	50.24 3.41 -0.09	51.80 3.47 -0.16	53.76 3.49 -0.32	52.95 3.57 -0.47	53.26 3.27 -0.50	52.71 3.33 -0.39	50.84 3.09 -0.27	52.00 3.35 -0.13	54.94 3.64 0.00	58.76 4.10 0.00	53.86 3.71 0.00	50.93 3.56 0.00	48.48 3.34 0.00	42.65 2.83 0.00	38.72 2.40 0.00	37.41 2.25 0.00
KCE_NY_6_ESR 323823	34.01 -0.41 0.00	32.92 -0.16 0.00	32.52 -0.49 0.00	31.78 -0.22 0.00	33.09 -0.23 0.00	35.42 0.21 0.00	41.05 0.00 0.00	45.05 -2.22 0.00	45.48 -1.26 0.00	47.30 -0.87 0.00	49.04 -0.90 0.00	47.11 -1.81 0.00	47.07 -2.42 0.00	46.30 -2.69 0.00	44.50 -2.99 0.00	45.03 -3.49 0.00	47.29 -4.00 0.00	49.90 -4.76 0.00	45.43 -4.72 0.00	42.92 -4.46 0.00	40.58 -4.56 0.00	36.32 -3.50 0.00	34.21 -2.11 0.00	33.36 -1.79 0.00
KEDC_PORT_JEFF_GT2 24210	37.24 2.82 0.00	35.23 2.15 0.00	34.82 1.81 0.00	33.54 1.54 0.00	35.12 1.80 0.00	37.07 1.86 0.00	42.77 1.72 0.00	49.82 2.55 0.00	50.18 3.04 -0.40	51.86 2.94 -0.76	55.18 3.75 -1.49	55.54 4.45 -2.17	55.47 3.66 -2.31	54.42 3.63 -1.81	52.62 3.90 -1.23	53.89 4.76 -0.60	57.11 5.74 -0.06	60.95 6.28 -0.02	55.98 5.81 -0.02	52.68 5.31 0.00	50.38 5.23 0.00	44.87 4.70 -0.35	40.13 3.81 0.00	38.56 3.41 0.00
KEDC_PORT_JEFF_GT3 24211	37.24 2.82 0.00	35.23 2.15 0.00	34.82 1.81 0.00	33.54 1.54 0.00	35.12 1.80 0.00	37.07 1.86 0.00	42.77 1.72 0.00	49.82 2.55 0.00	50.18 3.04 -0.40	51.86 2.94 -0.76	55.18 3.75 -1.49	55.54 4.45 -2.17	55.47 3.66 -2.31	54.42 3.63 -1.81	52.62 3.90 -1.23	53.89 4.76 -0.60	57.11 5.74 -0.06	60.95 6.28 -0.02	55.98 5.81 -0.02	52.68 5.31 0.00	50.38 5.23 0.00	44.87 4.70 -0.35	40.13 3.81 0.00	38.56 3.41 0.00
KEDC_GLWD_GT4 24219	36.65 2.24 0.00	34.87 1.79 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.89 1.57 0.00	36.83 1.62 0.00	42.81 1.76 0.00	49.73 2.46 0.00	50.09 2.95 -0.40	51.82 2.89 -0.76	54.68 3.24 -1.49	54.70 3.62 -2.17	54.92 3.12 -2.31	53.98 3.18 -1.81	52.15 3.42 -1.23	53.06 3.93 -0.60	55.72 4.36 -0.06	59.48 4.81 -0.02	54.63 4.46 -0.02	51.69 4.31 0.00	49.34 4.20 0.00	43.95 3.79 -0.35	39.41 3.09 0.00	37.97 2.81 0.00
KEDC_GLWD_GT5 24220	36.65 2.24 0.00	34.87 1.79 0.00	34.63 1.62 0.00	33.41 1.41 0.00	34.89 1.57 0.00	36.83 1.62 0.00	42.81 1.76 0.00	49.73 2.46 0.00	50.09 2.95 -0.40	51.82 2.89 -0.76	54.68 3.24 -1.49	54.70 3.62 -2.17	54.92 3.12 -2.31	53.98 3.18 -1.81	52.15 3.42 -1.23	53.06 3.93 -0.60	55.72 4.36 -0.06	59.48 4.81 -0.02	54.63 4.46 -0.02	51.69 4.31 0.00	49.34 4.20 0.00	43.95 3.79 -0.35	39.41 3.09 0.00	37.97 2.81 0.00

KENSICO____ 23655	36.24 1.82 0.00	34.67 1.59 0.00	34.50 1.49 0.00	33.34 1.34 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.73 1.68 0.00	49.59 2.32 0.00	49.96 2.80 -0.41	51.65 2.70 -0.78	54.23 2.75 -1.54	53.99 2.84 -2.24	54.40 2.52 -2.38	53.45 2.60 -1.86	51.52 2.75 -1.27	52.35 3.20 -0.62	54.84 3.54 0.00	58.54 3.88 0.00	53.76 3.61 0.00	50.98 3.60 0.00	48.62 3.48 0.00	42.93 3.11 0.00	39.01 2.69 0.00	37.58 2.43 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.55 2.13 0.00	34.93 1.85 0.00	34.79 1.78 0.00	33.57 1.57 0.00	35.02 1.70 0.00	37.18 1.97 0.00	43.43 2.38 0.00	50.25 2.98 0.00	50.11 3.51 0.14	51.04 3.13 0.26	52.48 3.05 0.50	51.31 3.13 0.73	51.49 2.77 0.78	51.22 2.84 0.61	50.16 3.09 0.42	52.01 3.69 0.20	55.71 4.41 0.00	59.68 5.03 0.00	54.66 4.51 0.00	51.69 4.31 0.00	49.34 4.20 0.00	43.41 3.58 0.00	39.48 3.16 0.00	38.00 2.85 0.00
KIAC_JFK_GT1 23816	36.38 1.96 0.00	34.80 1.72 0.00	34.59 1.58 0.00	33.38 1.38 0.00	34.79 1.47 0.00	36.90 1.69 0.00	43.10 2.05 0.00	50.20 2.93 0.00	50.65 3.51 -0.40	52.35 3.42 -0.76	54.48 3.05 -1.50	54.27 3.18 -2.18	54.68 2.87 -2.31	53.79 2.99 -1.81	51.96 3.23 -1.24	52.82 3.69 -0.60	55.30 4.00 0.00	59.03 4.37 0.00	54.21 4.06 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.29 3.46 0.00	39.45 3.12 0.00	37.97 2.81 0.00
KIAC_JFK_GT2 23817	36.38 1.96 0.00	34.80 1.72 0.00	34.59 1.58 0.00	33.38 1.38 0.00	34.79 1.47 0.00	36.90 1.69 0.00	43.10 2.05 0.00	50.20 2.93 0.00	50.65 3.51 -0.40	52.35 3.42 -0.76	54.48 3.05 -1.50	54.27 3.18 -2.18	54.68 2.87 -2.31	53.79 2.99 -1.81	51.96 3.23 -1.24	52.82 3.69 -0.60	55.30 4.00 0.00	59.03 4.37 0.00	54.21 4.06 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.29 3.46 0.00	39.45 3.12 0.00	37.97 2.81 0.00
KIAC_JFK____ 323774	36.41 2.00 0.00	34.74 1.65 0.00	34.59 1.58 0.00	33.37 1.38 0.00	34.79 1.46 0.00	36.86 1.66 0.00	43.10 2.05 0.00	50.15 2.88 0.00	50.60 3.46 -0.40	52.35 3.42 -0.76	54.53 3.10 -1.50	54.32 3.23 -2.18	54.73 2.92 -2.31	53.79 2.99 -1.81	51.96 3.23 -1.24	52.82 3.69 -0.60	55.25 3.95 0.00	59.03 4.37 0.00	54.21 4.06 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.29 3.46 0.00	39.45 3.12 0.00	37.97 2.81 0.00
KINTIGH____ 23543	32.73 -1.69 0.00	31.39 -1.69 0.00	31.19 -1.82 0.00	30.46 -1.54 0.00	31.72 -1.60 0.00	33.87 -1.34 0.00	39.20 -1.85 0.00	43.25 -4.02 0.00	43.61 -3.13 0.00	45.32 -2.84 0.00	46.94 -3.00 0.00	45.25 -3.67 0.00	45.29 -4.21 0.00	44.68 -4.31 0.00	43.03 -4.46 0.00	43.72 -4.80 0.00	45.96 -5.33 0.00	48.86 -5.79 0.00	44.58 -5.57 0.00	42.17 -5.21 0.00	39.95 -5.19 0.00	35.56 -4.26 0.00	33.31 -3.01 0.00	32.48 -2.67 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.21 -0.21 0.00	32.98 -0.10 0.00	33.11 0.10 0.00	32.10 0.10 0.00	33.49 0.17 0.00	35.45 0.25 0.00	41.54 0.49 0.00	48.22 0.95 0.00	47.07 0.33 0.00	48.70 0.53 0.00	50.69 0.75 0.00	50.04 1.13 0.00	51.28 1.78 0.00	50.70 1.71 0.00	49.01 1.52 0.00	49.59 1.07 0.00	52.01 0.72 0.00	55.37 0.71 0.00	50.35 0.20 0.00	46.95 -0.43 0.00	44.42 -0.72 0.00	38.67 -1.15 0.00	35.16 -1.16 0.00	-7.17 -0.95 41.37
LACHUTE__HYDRO 323717	38.34 3.92 0.00	36.88 3.80 0.00	36.64 3.63 0.00	35.39 3.39 0.00	36.92 3.60 0.00	39.32 4.12 0.00	46.18 5.13 0.00	53.18 5.91 0.00	53.18 6.36 -0.09	54.93 6.60 -0.16	56.24 5.99 -0.32	55.49 6.11 -0.46	55.72 5.74 -0.49	55.15 5.78 -0.38	52.93 5.18 -0.26	54.23 5.58 -0.13	57.24 5.95 0.00	61.38 6.72 0.00	56.27 6.12 0.00	53.16 5.78 0.00	50.47 5.32 0.00	44.20 4.38 0.00	39.95 3.63 0.00	38.53 3.38 0.00
LAWRNCV_115KV_TB1 80681	33.56 -0.86 0.00	32.29 -0.79 0.00	32.25 -0.76 0.00	31.23 -0.77 0.00	32.16 -1.17 0.00	34.50 -0.70 0.00	39.69 -1.35 0.00	46.42 -0.85 0.00	45.67 -1.08 0.00	47.20 -0.96 0.00	50.34 0.40 0.00	49.26 0.34 0.00	50.19 0.69 0.00	49.77 0.78 0.00	46.64 -0.85 0.00	46.78 -1.75 0.00	48.94 -2.36 0.00	52.20 -2.46 0.00	47.79 -2.36 0.00	44.91 -2.46 0.00	42.52 -2.62 0.00	37.04 -2.79 0.00	34.03 -2.29 0.00	61.06 -1.44 -27.35
LEDERLE____ 23769	36.07 1.65 0.00	34.54 1.46 0.00	34.36 1.35 0.00	33.22 1.22 0.00	34.62 1.30 0.00	36.58 1.37 0.00	42.57 1.52 0.00	49.35 2.08 0.00	48.63 2.57 0.69	49.27 2.41 1.30	49.83 2.45 2.56	47.74 2.54 3.71	47.77 2.23 3.95	48.20 2.30 3.09	47.90 2.52 2.11	50.41 2.91 1.03	54.68 3.39 0.00	58.43 3.77 0.00	53.61 3.46 0.00	50.84 3.46 0.00	48.48 3.34 0.00	42.81 2.99 0.00	38.94 2.62 0.00	37.51 2.36 0.00
LIGHTHSE_115KV_TB6 355974	33.70 -0.72 0.00	32.32 -0.76 0.00	32.22 -0.79 0.00	31.26 -0.74 0.00	32.49 -0.83 0.00	34.57 -0.63 0.00	40.31 -0.74 0.00	46.42 -0.85 0.00	46.04 -0.70 0.00	47.64 -0.53 0.00	49.49 -0.45 0.00	48.23 -0.68 0.00	48.65 -0.84 0.00	48.06 -0.93 0.00	46.40 -1.09 0.00	47.36 -1.16 0.00	49.96 -1.33 0.00	53.07 -1.58 0.00	48.70 -1.45 0.00	46.00 -1.37 0.00	43.92 -1.22 0.00	38.79 -1.04 0.00	35.41 -0.91 0.00	37.21 -0.88 -2.93
LINDEN COGEN____ 23786	36.28 1.86 0.00	34.60 1.52 0.00	34.50 1.49 0.00	33.28 1.28 0.00	34.69 1.37 0.00	36.68 1.48 0.00	42.77 1.72 0.00	49.68 2.41 0.00	50.14 2.99 -0.40	51.77 2.84 -0.76	54.18 2.74 -1.50	53.98 2.89 -2.18	54.38 2.57 -2.31	53.49 2.69 -1.81	51.67 2.95 -1.24	52.48 3.35 -0.60	54.79 3.49 0.00	58.48 3.82 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.84 3.70 0.00	43.09 3.27 0.00	39.12 2.80 0.00	37.72 2.56 0.00
LINDHRST_69_KV_BK1 356055	37.14 2.72 0.00	35.33 2.25 0.00	34.83 1.82 0.00	33.57 1.57 0.00	35.09 1.77 0.00	37.07 1.87 0.00	43.02 1.97 0.00	50.06 2.79 0.00	50.42 3.27 -0.40	51.96 3.03 -0.76	55.28 3.85 -1.49	55.49 4.40 -2.17	55.47 3.66 -2.31	54.62 3.82 -1.81	52.71 3.99 -1.23	53.84 4.71 -0.60	56.90 5.54 -0.06	60.74 6.07 -0.02	55.83 5.67 -0.02	52.59 5.21 0.00	50.29 5.15 0.00	44.79 4.62 -0.35	40.06 3.74 0.00	38.53 3.37 0.00
LIPA_MISC_IPP 23656	37.14 2.72 0.00	35.27 2.18 0.00	34.73 1.72 0.00	33.44 1.44 0.00	34.96 1.63 0.00	36.97 1.76 0.00	42.81 1.76 0.00	49.87 2.60 0.00	50.23 3.08 -0.40	51.77 2.84 -0.76	55.18 3.75 -1.49	55.49 4.40 -2.17	55.37 3.56 -2.31	54.52 3.72 -1.81	52.38 3.66 -1.23	53.84 4.71 -0.60	57.11 5.75 -0.06	60.90 6.23 -0.02	55.98 5.82 -0.02	52.68 5.31 0.00	50.38 5.24 0.00	44.83 4.66 -0.35	40.10 3.78 0.00	38.49 3.34 0.00
LISF__SOLAR 323691	37.21 2.79 0.00	35.23 2.15 0.00	34.79 1.78 0.00	33.50 1.50 0.00	35.09 1.77 0.00	37.04 1.83 0.00	42.77 1.72 0.00	49.82 2.55 0.00	50.14 2.99 -0.40	51.86 2.94 -0.76	55.18 3.75 -1.49	55.63 4.55 -2.17	55.47 3.66 -2.31	54.42 3.63 -1.81	52.48 3.75 -1.23	53.93 4.81 -0.60	57.21 5.85 -0.06	61.06 6.39 -0.02	56.13 5.96 -0.02	52.78 5.40 0.00	50.47 5.32 0.00	44.91 4.74 -0.35	40.13 3.81 0.00	38.56 3.41 0.00

LITTLE FALLS___HYD 24013	34.59 0.17 0.00	33.28 0.20 0.00	33.24 0.23 0.00	32.26 0.26 0.00	33.69 0.37 0.00	35.70 0.49 0.00	41.66 0.62 0.00	47.98 0.71 0.00	47.63 0.89 0.00	49.18 1.01 0.00	51.04 1.10 0.00	50.04 1.13 0.00	50.53 1.04 0.00	50.02 1.03 0.00	48.35 0.85 0.00	49.30 0.78 0.00	51.86 0.56 0.00	55.15 0.49 0.00	50.55 0.40 0.00	47.80 0.43 0.00	45.50 0.36 0.00	40.18 0.36 0.00	36.58 0.25 0.00	35.33 0.18 0.00
LITTLRIV_115KV_TB1 356100	34.11 -0.31 0.00	32.82 -0.26 0.00	32.75 -0.26 0.00	31.74 -0.26 0.00	32.69 -0.63 0.00	35.14 -0.07 0.00	40.51 -0.53 0.00	47.46 0.19 0.00	46.65 -0.09 0.00	48.26 0.10 0.00	51.44 1.50 0.00	50.19 1.27 0.00	51.18 1.68 0.00	50.75 1.76 0.00	47.54 0.05 0.00	47.75 -0.78 0.00	49.96 -1.33 0.00	53.29 -1.37 0.00	48.85 -1.30 0.00	45.96 -1.42 0.00	43.47 -1.67 0.00	37.83 -1.99 0.00	34.69 -1.63 0.00	61.66 -0.84 -27.35
LI_NEWBRDGE___DRP 323616	36.52 2.10 0.00	34.77 1.69 0.00	34.36 1.35 0.00	33.12 1.12 0.00	34.59 1.27 0.00	36.54 1.34 0.00	42.40 1.35 0.00	49.30 2.03 0.00	49.67 2.52 -0.40	51.19 2.26 -0.76	54.28 2.85 -1.49	54.41 3.33 -2.17	54.48 2.67 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.23	52.82 3.69 -0.60	55.62 4.26 -0.06	59.37 4.70 -0.02	54.58 4.41 -0.02	51.59 4.22 0.00	49.34 4.20 0.00	43.91 3.74 -0.35	39.37 3.05 0.00	37.86 2.71 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.28 -1.14 0.00	31.92 -1.16 0.00	31.69 -1.32 0.00	30.98 -1.02 0.00	32.26 -1.07 0.00	34.50 -0.70 0.00	39.98 -1.07 0.00	43.72 -3.55 0.00	44.27 -2.48 0.00	46.05 -2.12 0.00	47.74 -2.20 0.00	45.83 -3.08 0.00	45.78 -3.71 0.00	45.12 -3.87 0.00	43.41 -4.08 0.00	43.96 -4.56 0.00	46.11 -5.18 0.00	48.86 -5.79 0.00	44.53 -5.62 0.00	42.07 -5.31 0.00	39.81 -5.33 0.00	35.60 -4.22 0.00	33.52 -2.80 0.00	32.76 -2.39 0.00
LOCKPORT___CC1 323769	33.18 -1.24 0.00	32.12 -0.96 0.00	31.66 -1.35 0.00	30.97 -1.03 0.00	32.23 -1.10 0.00	34.57 -0.63 0.00	39.98 -1.07 0.00	43.72 -3.55 0.00	44.17 -2.57 0.00	46.00 -2.17 0.00	47.64 -2.30 0.00	45.68 -3.23 0.00	45.73 -3.76 0.00	45.02 -3.97 0.00	43.31 -4.18 0.00	43.87 -4.66 0.00	46.21 -5.08 0.00	48.75 -5.90 0.00	44.43 -5.72 0.00	42.02 -5.35 0.00	39.72 -5.42 0.00	35.52 -4.30 0.00	33.49 -2.83 0.00	32.73 -2.43 0.00
LOCKPORT___CC2 323770	33.18 -1.24 0.00	32.12 -0.96 0.00	31.66 -1.35 0.00	30.97 -1.03 0.00	32.23 -1.10 0.00	34.57 -0.63 0.00	39.98 -1.07 0.00	43.72 -3.55 0.00	44.17 -2.57 0.00	46.00 -2.17 0.00	47.64 -2.30 0.00	45.68 -3.23 0.00	45.73 -3.76 0.00	45.02 -3.97 0.00	43.31 -4.18 0.00	43.87 -4.66 0.00	46.21 -5.08 0.00	48.75 -5.90 0.00	44.43 -5.72 0.00	42.02 -5.35 0.00	39.72 -5.42 0.00	35.52 -4.30 0.00	33.49 -2.83 0.00	32.73 -2.43 0.00
LOCKPORT___CC3 323771	33.18 -1.24 0.00	32.12 -0.96 0.00	31.66 -1.35 0.00	30.97 -1.03 0.00	32.23 -1.10 0.00	34.57 -0.63 0.00	39.98 -1.07 0.00	43.72 -3.55 0.00	44.17 -2.57 0.00	46.00 -2.17 0.00	47.64 -2.30 0.00	45.68 -3.23 0.00	45.73 -3.76 0.00	45.02 -3.97 0.00	43.31 -4.18 0.00	43.87 -4.66 0.00	46.21 -5.08 0.00	48.75 -5.90 0.00	44.43 -5.72 0.00	42.02 -5.35 0.00	39.72 -5.42 0.00	35.52 -4.30 0.00	33.49 -2.83 0.00	32.73 -2.43 0.00
LONG_LAKE_PHOENIX 24014	33.52 -0.89 0.00	32.19 -0.89 0.00	32.09 -0.92 0.00	31.14 -0.86 0.00	32.36 -0.97 0.00	34.29 -0.92 0.00	40.06 -0.99 0.00	45.95 -1.32 0.00	45.53 -1.22 0.00	47.01 -1.16 0.00	48.74 -1.20 0.00	47.59 -1.32 0.00	47.96 -1.53 0.00	47.32 -1.67 0.00	45.88 -1.61 0.00	46.83 -1.70 0.00	49.45 -1.85 0.00	52.74 -1.91 0.00	48.34 -1.81 0.00	45.67 -1.71 0.00	43.61 -1.53 0.00	38.55 -1.27 0.00	35.23 -1.09 0.00	34.06 -1.09 0.00
LOVETT___3 23632	35.93 1.51 0.00	34.41 1.32 0.00	34.23 1.22 0.00	33.09 1.09 0.00	34.49 1.17 0.00	36.44 1.23 0.00	42.36 1.31 0.00	49.11 1.84 0.00	48.33 2.29 0.70	49.01 2.17 1.33	49.47 2.15 2.61	47.42 2.30 3.79	47.44 1.98 4.03	47.89 2.06 3.16	47.57 2.23 2.16	50.09 2.62 1.05	54.37 3.08 0.00	58.10 3.44 0.00	53.31 3.16 0.00	50.55 3.17 0.00	48.21 3.07 0.00	42.61 2.79 0.00	38.76 2.43 0.00	37.33 2.18 0.00
LOVETT___4 23642	35.93 1.51 0.00	34.41 1.32 0.00	34.23 1.22 0.00	33.09 1.09 0.00	34.49 1.17 0.00	36.44 1.23 0.00	42.36 1.31 0.00	49.11 1.84 0.00	48.33 2.29 0.70	49.01 2.17 1.33	49.47 2.15 2.61	47.42 2.30 3.79	47.44 1.98 4.03	47.89 2.06 3.16	47.57 2.23 2.16	50.09 2.62 1.05	54.37 3.08 0.00	58.10 3.44 0.00	53.31 3.16 0.00	50.55 3.17 0.00	48.21 3.07 0.00	42.61 2.79 0.00	38.76 2.43 0.00	37.33 2.18 0.00
LOVETT___5 23593	35.93 1.51 0.00	34.41 1.32 0.00	34.23 1.22 0.00	33.09 1.09 0.00	34.49 1.17 0.00	36.44 1.23 0.00	42.36 1.31 0.00	49.11 1.84 0.00	48.33 2.29 0.70	49.01 2.17 1.33	49.47 2.15 2.61	47.42 2.30 3.79	47.44 1.98 4.03	47.89 2.06 3.16	47.57 2.23 2.16	50.09 2.62 1.05	54.37 3.08 0.00	58.10 3.44 0.00	53.31 3.16 0.00	50.55 3.17 0.00	48.21 3.07 0.00	42.61 2.79 0.00	38.76 2.43 0.00	37.33 2.18 0.00
LOWER RAQUET___HYD 24057	33.56 -0.86 0.00	32.29 -0.79 0.00	32.25 -0.76 0.00	31.23 -0.77 0.00	32.16 -1.17 0.00	34.50 -0.70 0.00	39.69 -1.35 0.00	46.42 -0.85 0.00	45.67 -1.07 0.00	47.20 -0.96 0.00	50.34 0.40 0.00	49.21 0.30 0.00	50.24 0.74 0.00	49.77 0.78 0.00	46.64 -0.85 0.00	46.78 -1.74 0.00	48.94 -2.36 0.00	51.98 -2.68 0.00	47.79 -2.36 0.00	44.91 -2.47 0.00	42.52 -2.62 0.00	37.08 -2.75 0.00	34.03 -2.29 0.00	61.06 -1.44 -27.35
LOWER___HUDSON 24059	36.00 1.58 0.00	34.54 1.45 0.00	34.46 1.45 0.00	33.34 1.34 0.00	34.76 1.43 0.00	36.65 1.44 0.00	42.69 1.64 0.00	49.25 1.98 0.00	49.12 2.29 -0.09	50.56 2.22 -0.17	52.53 2.25 -0.34	51.76 2.35 -0.50	52.05 2.03 -0.53	51.56 2.15 -0.41	49.81 2.04 -0.28	50.90 2.23 -0.14	53.81 2.51 0.00	57.49 2.84 0.00	52.76 2.61 0.00	49.89 2.51 0.00	47.53 2.39 0.00	41.89 2.07 0.00	38.10 1.78 0.00	36.84 1.69 0.00
LOWVILLE_115KV_TB2 356335	33.76 -0.65 0.00	32.42 -0.66 0.00	32.32 -0.69 0.00	31.33 -0.67 0.00	32.52 -0.80 0.00	34.96 -0.25 0.00	40.84 -0.21 0.00	47.46 0.19 0.00	47.26 0.51 0.00	48.79 0.63 0.00	50.94 1.00 0.00	49.70 0.78 0.00	50.24 0.74 0.00	49.77 0.78 0.00	47.40 -0.09 0.00	48.19 -0.34 0.00	50.48 -0.82 0.00	53.78 -0.87 0.00	49.35 -0.80 0.00	46.62 -0.76 0.00	44.33 -0.81 0.00	38.91 -0.92 0.00	35.49 -0.84 0.00	42.26 -0.70 -7.81
LUTHERFT_115KV_GLOB_FND_222 355753	36.62 2.20 0.00	35.20 2.12 0.00	35.02 2.01 0.00	33.89 1.89 0.00	35.32 2.00 0.00	37.39 2.18 0.00	43.63 2.59 0.00	50.30 3.03 0.00	50.19 3.37 -0.09	51.75 3.42 -0.16	53.71 3.45 -0.32	52.91 3.52 -0.47	53.21 3.22 -0.50	52.66 3.28 -0.39	50.80 3.04 -0.27	51.96 3.30 -0.13	54.89 3.59 0.00	58.70 4.04 0.00	53.86 3.71 0.00	50.93 3.55 0.00	48.48 3.34 0.00	42.61 2.79 0.00	38.68 2.36 0.00	37.37 2.21 0.00

LUTHERNY_35_KV_BK2 355980	36.62 2.20 0.00	35.20 2.12 0.00	35.06 2.05 0.00	33.89 1.89 0.00	35.32 2.00 0.00	37.39 2.18 0.00	43.67 2.63 0.00	50.34 3.07 0.00	50.24 3.41 -0.09	51.80 3.47 -0.16	53.76 3.50 -0.32	52.96 3.57 -0.47	53.26 3.27 -0.50	52.71 3.33 -0.39	50.84 3.09 -0.27	52.00 3.35 -0.13	54.94 3.64 0.00	58.75 4.10 0.00	53.91 3.76 0.00	50.98 3.60 0.00	48.48 3.34 0.00	42.65 2.83 0.00	38.72 2.40 0.00	37.40 2.25 0.00
LWR___OSWEGATCHIE_HYD 23850	33.35 -1.07 0.00	32.06 -1.03 0.00	31.95 -1.06 0.00	30.98 -1.02 0.00	32.02 -1.30 0.00	34.36 -0.84 0.00	39.86 -1.19 0.00	46.47 -0.80 0.00	45.90 -0.84 0.00	47.44 -0.72 0.00	50.14 0.20 0.00	48.91 0.00 0.00	49.64 0.15 0.00	49.23 0.24 0.00	46.45 -1.04 0.00	46.92 -1.60 0.00	49.14 -2.15 0.00	52.41 -2.24 0.00	48.04 -2.11 0.00	45.25 -2.13 0.00	42.93 -2.21 0.00	37.59 -2.23 0.00	34.43 -1.89 0.00	52.31 -1.41 -18.56
LYONS_FALL_HYD 23570	34.28 -0.14 0.00	32.92 -0.16 0.00	32.81 -0.20 0.00	31.78 -0.22 0.00	33.06 -0.27 0.00	35.35 0.14 0.00	41.29 0.25 0.00	47.84 0.57 0.00	47.58 0.84 0.00	49.13 0.96 0.00	51.19 1.25 0.00	49.94 1.03 0.00	50.43 0.94 0.00	49.97 0.98 0.00	47.87 0.38 0.00	48.82 0.29 0.00	51.24 -0.05 0.00	54.60 -0.05 0.00	50.15 0.00 0.00	47.38 0.00 0.00	45.05 -0.09 0.00	39.62 -0.20 0.00	36.10 -0.22 0.00	40.15 -0.17 -5.17
MADISON___COUNTY_LFGE 323628	35.07 0.65 0.00	33.68 0.60 0.00	33.57 0.56 0.00	32.54 0.54 0.00	33.89 0.57 0.00	36.02 0.81 0.00	42.11 1.07 0.00	48.55 1.28 0.00	48.19 1.45 0.00	49.71 1.54 0.00	51.69 1.75 0.00	50.43 1.52 0.00	50.88 1.39 0.00	50.31 1.32 0.00	48.63 1.14 0.00	49.69 1.16 0.00	52.42 1.13 0.00	55.80 1.15 0.00	51.20 1.05 0.00	48.37 0.99 0.00	46.05 0.90 0.00	40.58 0.76 0.00	36.98 0.65 0.00	37.36 0.63 -1.57
MALONE___115KV_TB1 356076	34.25 -0.17 0.00	33.05 -0.03 0.00	33.11 0.10 0.00	32.10 0.10 0.00	33.39 0.07 0.00	35.49 0.28 0.00	41.42 0.37 0.00	48.12 0.85 0.00	47.02 0.28 0.00	48.65 0.48 0.00	50.94 1.00 0.00	50.24 1.32 0.00	51.48 1.98 0.00	50.95 1.96 0.00	48.87 1.38 0.00	49.25 0.73 0.00	51.60 0.31 0.00	54.98 0.33 0.00	50.10 -0.05 0.00	46.76 -0.62 0.00	44.24 -0.90 0.00	38.55 -1.27 0.00	35.12 -1.20 0.00	83.92 -0.84 -49.61
MAPLEWOD_115KV_TB3 80458	35.55 1.14 0.00	34.14 1.06 0.00	34.07 1.06 0.00	32.96 0.96 0.00	34.32 1.00 0.00	36.09 0.88 0.00	41.99 0.94 0.00	48.50 1.23 0.00	48.33 1.50 -0.09	49.78 1.44 -0.17	51.71 1.45 -0.33	50.91 1.52 -0.48	51.29 1.29 -0.51	50.76 1.37 -0.40	49.09 1.33 -0.27	50.16 1.50 -0.13	52.99 1.69 0.00	56.57 1.91 0.00	51.90 1.76 0.00	49.08 1.71 0.00	46.81 1.67 0.00	41.22 1.39 0.00	37.48 1.16 0.00	36.28 1.12 0.00
MAPLE_RIDGE_WT_1 323574	33.45 -0.96 0.00	32.22 -0.86 0.00	32.22 -0.79 0.00	31.30 -0.70 0.00	32.69 -0.63 0.00	34.64 -0.56 0.00	40.56 -0.49 0.00	46.94 -0.33 0.00	46.28 -0.47 0.00	47.78 -0.39 0.00	49.59 -0.35 0.00	48.72 -0.19 0.00	49.50 0.00 0.00	48.94 -0.05 0.00	47.35 -0.14 0.00	48.19 -0.34 0.00	50.73 -0.56 0.00	53.94 -0.71 0.00	49.45 -0.70 0.00	46.57 -0.81 0.00	44.19 -0.95 0.00	38.83 -0.99 0.00	35.34 -0.98 0.00	33.05 -0.91 1.19
MAPLE_RIDGE_WT_2 323611	33.45 -0.96 0.00	32.22 -0.86 0.00	32.22 -0.79 0.00	31.30 -0.70 0.00	32.69 -0.63 0.00	34.64 -0.56 0.00	40.56 -0.49 0.00	46.94 -0.33 0.00	46.28 -0.47 0.00	47.78 -0.39 0.00	49.59 -0.35 0.00	48.72 -0.19 0.00	49.50 0.00 0.00	48.94 -0.05 0.00	47.35 -0.14 0.00	48.19 -0.34 0.00	50.73 -0.56 0.00	53.94 -0.71 0.00	49.45 -0.70 0.00	46.57 -0.81 0.00	44.19 -0.95 0.00	38.83 -0.99 0.00	35.34 -0.98 0.00	33.05 -0.91 1.19
MARBLE_RIVER_WT_PWR 323696	33.83 -0.59 0.00	32.59 -0.50 0.00	32.71 -0.30 0.00	31.74 -0.26 0.00	33.06 -0.27 0.00	35.00 -0.21 0.00	40.96 -0.08 0.00	47.51 0.24 0.00	46.46 -0.28 0.00	48.07 -0.10 0.00	49.99 0.05 0.00	49.30 0.39 0.00	50.54 1.04 0.00	50.02 1.03 0.00	48.35 0.86 0.00	48.96 0.44 0.00	51.40 0.10 0.00	54.16 -0.49 0.00	49.65 -0.50 0.00	46.34 -1.04 0.00	43.79 -1.35 0.00	38.19 -1.63 0.00	34.72 -1.60 0.00	-6.83 -1.44 40.55
MARSHVLE_115KV_TB1 80742	36.48 2.07 0.00	35.07 1.98 0.00	34.92 1.91 0.00	33.79 1.79 0.00	35.26 1.93 0.00	37.49 2.29 0.00	43.84 2.79 0.00	50.48 3.21 0.00	50.12 3.32 -0.05	51.40 3.13 -0.10	53.24 3.10 -0.20	52.05 2.84 -0.29	52.43 2.62 -0.31	51.98 2.74 -0.24	50.13 2.47 -0.17	51.66 3.06 -0.08	54.78 3.49 0.00	58.70 4.04 0.00	53.96 3.81 0.00	51.03 3.65 0.00	48.48 3.34 0.00	42.73 2.91 0.00	38.72 2.40 0.00	37.33 2.18 0.00
MARSH_HILL_WT_PWR 323713	34.49 0.07 0.00	33.41 0.33 0.00	33.21 0.20 0.00	32.48 0.48 0.00	33.76 0.43 0.00	36.19 0.98 0.00	42.03 0.98 0.00	47.08 -0.19 0.00	47.11 0.37 0.00	48.79 0.62 0.00	50.73 0.80 0.00	48.91 0.00 0.00	48.51 -0.99 0.00	47.18 -1.81 0.00	45.35 -2.14 0.00	45.90 -2.62 0.00	48.27 -3.03 0.00	51.15 -3.50 0.00	46.54 -3.61 0.00	43.77 -3.60 0.00	41.53 -3.61 0.00	36.79 -3.03 0.00	34.03 -2.29 0.00	33.05 -2.11 0.00
MCINTYRE_115KV_TB2 80467	34.49 0.07 0.00	33.15 0.07 0.00	33.08 0.07 0.00	32.10 0.10 0.00	33.12 -0.20 0.00	35.63 0.42 0.00	41.17 0.12 0.00	48.22 0.95 0.00	47.40 0.65 0.00	48.98 0.82 0.00	52.24 2.30 0.00	50.87 1.96 0.00	51.87 2.38 0.00	51.39 2.40 0.00	48.16 0.66 0.00	48.43 -0.10 0.00	50.73 -0.56 0.00	54.16 -0.49 0.00	49.70 -0.45 0.00	46.76 -0.62 0.00	44.19 -0.95 0.00	38.47 -1.35 0.00	35.23 -1.09 0.00	62.18 -0.32 -27.35
MECO_____69_KV_BK1 80468	37.10 2.68 0.00	35.66 2.58 0.00	35.52 2.51 0.00	34.34 2.34 0.00	35.82 2.50 0.00	38.09 2.89 0.00	44.66 3.61 0.00	51.33 4.07 0.00	51.01 4.21 -0.06	52.28 4.00 -0.12	54.12 3.95 -0.24	53.12 3.86 -0.34	53.47 3.61 -0.36	52.90 3.63 -0.29	51.01 3.32 -0.19	52.50 3.88 -0.10	55.71 4.41 0.00	59.74 5.08 0.00	54.86 4.71 0.00	51.88 4.50 0.00	49.30 4.15 0.00	43.37 3.54 0.00	39.26 2.94 0.00	37.90 2.74 0.00
MENANDS___115KV_TB5 355628	35.45 1.03 0.00	34.04 0.96 0.00	33.93 0.92 0.00	32.83 0.83 0.00	34.22 0.90 0.00	35.91 0.70 0.00	41.79 0.74 0.00	48.22 0.95 0.00	48.05 1.22 -0.09	49.49 1.16 -0.17	51.42 1.15 -0.33	50.62 1.22 -0.48	50.99 0.99 -0.51	50.47 1.08 -0.40	48.86 1.09 -0.27	49.87 1.21 -0.13	52.68 1.38 0.00	56.24 1.58 0.00	51.60 1.45 0.00	48.80 1.42 0.00	46.54 1.40 0.00	41.02 1.19 0.00	37.30 0.98 0.00	36.07 0.91 0.00
MG INDUSTRY___DRP 24185	35.42 1.00 0.00	34.04 0.96 0.00	33.97 0.96 0.00	32.86 0.86 0.00	34.22 0.90 0.00	35.94 0.74 0.00	41.83 0.78 0.00	48.17 0.90 0.00	47.94 1.12 -0.08	49.42 1.11 -0.15	51.32 1.10 -0.29	50.46 1.13 -0.42	50.88 0.94 -0.44	50.37 1.03 -0.35	48.73 1.00 -0.24	49.76 1.12 -0.12	52.53 1.23 0.00	56.08 1.42 0.00	51.50 1.35 0.00	48.70 1.33 0.00	46.45 1.31 0.00	40.94 1.12 0.00	37.27 0.94 0.00	36.07 0.91 0.00

MID___OSWEGATCHIE_HYD 23849	33.35 -1.07 0.00	32.06 -1.03 0.00	31.95 -1.06 0.00	30.98 -1.02 0.00	32.02 -1.30 0.00	34.36 -0.84 0.00	39.86 -1.19 0.00	46.47 -0.80 0.00	45.90 -0.84 0.00	47.44 -0.72 0.00	50.14 0.20 0.00	48.91 0.00 0.00	49.64 0.15 0.00	49.23 0.24 0.00	46.45 -1.04 0.00	46.92 -1.60 0.00	49.14 -2.15 0.00	52.41 -2.24 0.00	48.04 -2.11 0.00	45.25 -2.13 0.00	42.93 -2.21 0.00	37.59 -2.23 0.00	34.43 -1.89 0.00	52.31 -1.41 -18.56
MID___RAQUETTE_HYD 23851	33.56 -0.86 0.00	32.29 -0.79 0.00	32.25 -0.76 0.00	31.23 -0.77 0.00	32.16 -1.17 0.00	34.50 -0.70 0.00	39.69 -1.35 0.00	46.47 -0.80 0.00	45.67 -1.08 0.00	47.20 -0.96 0.00	50.34 0.40 0.00	49.26 0.34 0.00	50.24 0.74 0.00	49.77 0.78 0.00	46.64 -0.85 0.00	46.78 -1.75 0.00	48.94 -2.36 0.00	52.20 -2.46 0.00	47.79 -2.36 0.00	44.91 -2.46 0.00	42.52 -2.62 0.00	37.07 -2.75 0.00	34.03 -2.29 0.00	61.06 -1.44 -27.35
MILLIKEN___1 23584	34.87 0.45 0.00	33.45 0.36 0.00	33.34 0.33 0.00	32.38 0.38 0.00	33.69 0.37 0.00	35.77 0.56 0.00	41.83 0.78 0.00	47.70 0.43 0.00	47.40 0.65 0.00	48.94 0.77 0.00	50.74 0.80 0.00	49.55 0.64 0.00	49.84 0.35 0.00	49.23 0.24 0.00	47.68 0.19 0.00	48.67 0.15 0.00	51.50 0.21 0.00	55.20 0.55 0.00	50.55 0.40 0.00	47.76 0.38 0.00	45.41 0.27 0.00	40.14 0.32 0.00	36.68 0.36 0.00	35.47 0.32 0.00
MILLIKEN___2 23585	34.87 0.45 0.00	33.45 0.36 0.00	33.34 0.33 0.00	32.38 0.38 0.00	33.69 0.37 0.00	35.77 0.56 0.00	41.83 0.78 0.00	47.70 0.43 0.00	47.40 0.65 0.00	48.94 0.77 0.00	50.74 0.80 0.00	49.55 0.64 0.00	49.84 0.35 0.00	49.23 0.24 0.00	47.68 0.19 0.00	48.67 0.15 0.00	51.50 0.21 0.00	55.20 0.55 0.00	50.55 0.40 0.00	47.76 0.38 0.00	45.41 0.27 0.00	40.14 0.32 0.00	36.68 0.36 0.00	35.47 0.32 0.00
MILLIKEN___DIESEL 23629	34.87 0.45 0.00	33.45 0.36 0.00	33.34 0.33 0.00	32.38 0.38 0.00	33.69 0.37 0.00	35.77 0.56 0.00	41.83 0.78 0.00	47.70 0.43 0.00	47.40 0.65 0.00	48.94 0.77 0.00	50.74 0.80 0.00	49.55 0.64 0.00	49.84 0.35 0.00	49.23 0.24 0.00	47.68 0.19 0.00	48.67 0.15 0.00	51.50 0.21 0.00	55.20 0.55 0.00	50.55 0.40 0.00	47.76 0.38 0.00	45.41 0.27 0.00	40.14 0.32 0.00	36.68 0.36 0.00	35.47 0.32 0.00
MILLSEAT___LFGE 323607	33.69 -0.72 0.00	32.59 -0.50 0.00	32.12 -0.89 0.00	31.39 -0.61 0.00	32.73 -0.60 0.00	35.17 -0.04 0.00	40.72 -0.33 0.00	44.91 -2.36 0.00	45.29 -1.45 0.00	47.11 -1.06 0.00	48.84 -1.10 0.00	46.86 -2.05 0.00	46.97 -2.52 0.00	46.30 -2.69 0.00	44.50 -2.99 0.00	45.13 -3.40 0.00	47.55 -3.74 0.00	50.33 -4.32 0.00	45.83 -4.31 0.00	43.30 -4.07 0.00	40.94 -4.20 0.00	36.48 -3.35 0.00	34.25 -2.07 0.00	33.36 -1.79 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.14 1.72 0.00	34.60 1.52 0.00	34.43 1.42 0.00	33.28 1.28 0.00	34.69 1.37 0.00	36.65 1.44 0.00	42.65 1.60 0.00	49.49 2.22 0.00	49.88 2.71 -0.42	51.52 2.55 -0.80	54.10 2.60 -1.57	53.93 2.74 -2.28	54.30 2.38 -2.42	53.39 2.50 -1.90	51.45 2.66 -1.30	52.22 3.06 -0.63	54.68 3.39 0.00	58.43 3.77 0.00	53.66 3.51 0.00	50.84 3.46 0.00	48.53 3.39 0.00	42.85 3.03 0.00	38.90 2.58 0.00	37.51 2.36 0.00
MILLWOOD_13_KV_LOAD 356217	36.24 1.82 0.00	34.67 1.59 0.00	34.53 1.52 0.00	33.31 1.31 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.77 1.72 0.00	49.59 2.32 0.00	50.02 2.85 -0.42	51.66 2.70 -0.80	54.25 2.75 -1.57	54.03 2.84 -2.28	54.44 2.52 -2.42	53.53 2.65 -1.90	51.54 2.75 -1.30	52.36 3.20 -0.63	54.84 3.54 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.03 3.65 0.00	48.66 3.52 0.00	42.93 3.11 0.00	39.01 2.69 0.00	37.58 2.43 0.00
MODEL_CITY_ENERGY 24167	32.63 -1.79 0.00	31.59 -1.49 0.00	31.16 -1.85 0.00	30.46 -1.54 0.00	31.73 -1.60 0.00	34.01 -1.20 0.00	39.28 -1.76 0.00	42.92 -4.35 0.00	43.38 -3.37 0.00	45.13 -3.03 0.00	46.74 -3.20 0.00	44.86 -4.06 0.00	44.84 -4.65 0.00	44.19 -4.80 0.00	42.50 -4.99 0.00	43.09 -5.43 0.00	45.40 -5.90 0.00	47.87 -6.78 0.00	43.68 -6.47 0.00	41.26 -6.11 0.00	39.04 -6.10 0.00	34.92 -4.90 0.00	32.98 -3.34 0.00	32.24 -2.92 0.00
MODERN_LFGE___ 323580	32.63 -1.79 0.00	31.59 -1.49 0.00	31.16 -1.85 0.00	30.46 -1.54 0.00	31.73 -1.60 0.00	34.01 -1.20 0.00	39.28 -1.76 0.00	42.92 -4.35 0.00	43.38 -3.37 0.00	45.13 -3.03 0.00	46.74 -3.20 0.00	44.86 -4.06 0.00	44.84 -4.65 0.00	44.19 -4.80 0.00	42.50 -4.99 0.00	43.09 -5.43 0.00	45.40 -5.90 0.00	47.87 -6.78 0.00	43.68 -6.47 0.00	41.26 -6.11 0.00	39.04 -6.10 0.00	34.92 -4.90 0.00	32.98 -3.34 0.00	32.24 -2.92 0.00
MOHAWK_PAPER___DRP 24187	35.55 1.14 0.00	34.14 1.06 0.00	34.07 1.06 0.00	32.96 0.96 0.00	34.32 1.00 0.00	36.09 0.88 0.00	41.99 0.94 0.00	48.50 1.23 0.00	48.33 1.50 -0.09	49.78 1.44 -0.17	51.71 1.45 -0.33	50.91 1.52 -0.48	51.29 1.29 -0.51	50.76 1.37 -0.40	49.09 1.33 -0.27	50.16 1.50 -0.13	52.99 1.69 0.00	56.57 1.91 0.00	51.90 1.76 0.00	49.08 1.71 0.00	46.81 1.67 0.00	41.22 1.39 0.00	37.48 1.16 0.00	36.28 1.12 0.00
MOHICAN___35_KV_115KV_LD 80490	37.00 2.58 0.00	35.56 2.48 0.00	35.39 2.38 0.00	34.21 2.21 0.00	35.66 2.33 0.00	37.81 2.61 0.00	44.29 3.24 0.00	51.00 3.73 0.00	50.94 4.11 -0.09	52.57 4.24 -0.16	54.45 4.19 -0.32	53.63 4.26 -0.46	53.95 3.96 -0.49	53.39 4.02 -0.38	51.41 3.66 -0.26	52.63 3.98 -0.13	55.61 4.31 0.00	59.52 4.86 0.00	54.61 4.46 0.00	51.59 4.22 0.00	49.07 3.93 0.00	43.05 3.23 0.00	39.01 2.69 0.00	37.68 2.53 0.00
MONGAUP___HYD 23641	35.97 1.55 0.00	34.34 1.26 0.00	34.26 1.25 0.00	33.09 1.09 0.00	34.49 1.17 0.00	36.51 1.30 0.00	42.61 1.56 0.00	49.21 1.94 0.00	48.61 2.38 0.52	49.30 2.12 0.98	50.00 2.00 1.93	48.21 2.10 2.81	48.29 1.78 2.99	48.51 1.86 2.34	47.98 2.09 1.60	50.27 2.52 0.78	54.58 3.29 0.00	58.48 3.82 0.00	53.61 3.46 0.00	50.64 3.27 0.00	48.30 3.16 0.00	42.57 2.75 0.00	38.72 2.40 0.00	37.30 2.14 0.00
MONTAUK___DIESEL 23721	37.03 2.62 0.00	35.10 2.02 0.00	34.46 1.45 0.00	33.15 1.15 0.00	34.69 1.37 0.00	36.61 1.41 0.00	42.57 1.52 0.00	49.73 2.46 0.00	50.04 2.90 -0.40	51.67 2.75 -0.76	55.03 3.60 -1.49	55.49 4.40 -2.17	55.32 3.51 -2.31	54.42 3.63 -1.81	52.19 3.47 -1.23	53.79 4.66 -0.60	57.26 5.90 -0.06	60.95 6.29 -0.02	56.28 6.12 -0.02	53.02 5.64 0.00	51.06 5.91 0.00	45.23 5.06 -0.35	39.66 3.34 0.00	38.28 3.13 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.07 0.65 0.00	33.78 0.69 0.00	33.57 0.56 0.00	32.90 0.90 0.00	34.29 0.97 0.00	36.68 1.48 0.00	42.57 1.52 0.00	46.84 -0.43 0.00	47.16 0.42 0.00	48.94 0.77 0.00	50.64 0.70 0.00	48.52 -0.39 0.00	48.26 -1.24 0.00	47.23 -1.76 0.00	45.07 -2.42 0.00	45.27 -3.25 0.00	47.14 -4.15 0.00	49.57 -5.08 0.00	44.88 -5.27 0.00	42.21 -5.16 0.00	39.81 -5.33 0.00	35.64 -4.18 0.00	33.56 -2.76 0.00	32.66 -2.50 0.00

MORRIS_RIDGE___SOLAR 323848	34.11 -0.31 0.00	32.98 -0.10 0.00	32.71 -0.30 0.00	31.94 -0.06 0.00	33.26 -0.07 0.00	35.56 0.35 0.00	41.29 0.25 0.00	46.00 -1.27 0.00	46.13 -0.61 0.00	47.83 -0.33 0.00	49.59 -0.35 0.00	47.79 -1.12 0.00	47.72 -1.78 0.00	46.79 -2.20 0.00	45.12 -2.37 0.00	45.71 -2.82 0.00	48.06 -3.23 0.00	50.88 -3.77 0.00	46.29 -3.86 0.00	43.63 -3.74 0.00	41.35 -3.79 0.00	36.79 -3.03 0.00	34.21 -2.11 0.00	33.25 -1.90 0.00
MORTIMER_115KV_TB3 55949	33.32 -1.10 0.00	31.96 -1.12 0.00	31.76 -1.25 0.00	30.94 -1.06 0.00	32.26 -1.07 0.00	34.43 -0.77 0.00	39.98 -1.07 0.00	44.86 -2.41 0.00	44.97 -1.78 0.00	46.67 -1.49 0.00	48.39 -1.55 0.00	46.81 -2.10 0.00	47.07 -2.43 0.00	46.44 -2.55 0.00	44.78 -2.71 0.00	45.52 -3.01 0.00	47.96 -3.33 0.00	51.16 -3.50 0.00	46.69 -3.46 0.00	44.11 -3.27 0.00	41.85 -3.30 0.00	37.08 -2.75 0.00	34.40 -1.93 0.00	33.36 -1.79 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.38 1.96 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.82 2.55 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.53 2.72 -2.31	53.64 2.84 -1.81	51.77 3.04 -1.24	52.57 3.45 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.17 3.35 0.00	39.23 2.91 0.00	37.83 2.67 0.00
MUNSVILLE_WIND_PWR 323609	36.52 2.10 0.00	35.13 2.05 0.00	35.02 2.01 0.00	34.08 2.08 0.00	35.59 2.27 0.00	38.13 2.92 0.00	44.74 3.70 0.00	55.59 8.32 0.00	55.21 8.51 0.04	57.04 8.96 0.08	59.26 9.49 0.16	57.53 8.86 0.24	57.76 8.52 0.25	57.51 8.72 0.20	55.33 7.98 0.14	56.56 8.10 0.07	59.40 8.10 0.00	58.97 4.32 0.00	54.16 4.01 0.00	51.17 3.79 0.00	48.44 3.29 0.00	42.61 2.79 0.00	38.79 2.47 0.00	37.44 2.28 0.00
N SALMON___HYD 24042	34.28 -0.14 0.00	33.05 -0.03 0.00	33.11 0.10 0.00	32.10 0.10 0.00	33.39 0.07 0.00	35.49 0.28 0.00	41.41 0.37 0.00	48.12 0.85 0.00	47.02 0.28 0.00	48.65 0.48 0.00	50.94 1.00 0.00	50.18 1.27 0.00	51.48 1.98 0.00	50.95 1.96 0.00	48.87 1.38 0.00	49.25 0.73 0.00	51.61 0.31 0.00	54.60 -0.05 0.00	50.10 -0.05 0.00	46.76 -0.62 0.00	44.24 -0.90 0.00	38.55 -1.28 0.00	35.12 -1.20 0.00	83.92 -0.84 -49.61
N.AKRON__115KV_KNAPP 355671	33.73 -0.69 0.00	32.32 -0.76 0.00	32.09 -0.92 0.00	31.36 -0.64 0.00	32.69 -0.63 0.00	35.03 -0.18 0.00	40.59 -0.45 0.00	44.72 -2.55 0.00	45.20 -1.54 0.00	47.01 -1.16 0.00	48.69 -1.25 0.00	46.76 -2.15 0.00	46.82 -2.67 0.00	46.20 -2.79 0.00	44.40 -3.09 0.00	44.98 -3.54 0.00	47.24 -4.05 0.00	50.17 -4.48 0.00	45.68 -4.46 0.00	43.16 -4.22 0.00	40.81 -4.33 0.00	36.40 -3.42 0.00	34.18 -2.14 0.00	33.29 -1.86 0.00
N.BELMOR_69_KV_BK1 55787	36.79 2.37 0.00	35.03 1.95 0.00	34.63 1.62 0.00	33.38 1.38 0.00	34.86 1.53 0.00	36.82 1.62 0.00	42.73 1.68 0.00	49.68 2.41 0.00	50.04 2.90 -0.40	51.57 2.65 -0.76	54.68 3.25 -1.49	54.80 3.72 -2.17	54.92 3.12 -2.31	54.03 3.23 -1.81	52.19 3.47 -1.23	53.20 4.08 -0.60	56.08 4.72 -0.06	59.86 5.19 -0.02	55.03 4.86 -0.02	51.97 4.60 0.00	49.66 4.51 0.00	44.27 4.10 -0.35	39.66 3.34 0.00	38.14 2.99 0.00
N.E_GEN_SANDY PD 24062	37.00 1.65 -0.93	36.40 1.45 -1.86	35.50 1.45 -1.04	34.23 1.31 -0.92	36.86 1.40 -2.14	38.00 1.41 -1.38	43.30 1.56 -0.69	51.27 1.98 -2.02	50.61 2.38 -1.48	50.78 2.26 -0.35	55.31 2.30 -3.07	52.30 2.40 -0.99	52.58 2.03 -1.05	51.97 2.15 -0.82	50.24 2.19 -0.56	51.23 2.43 -0.27	54.73 2.72 -0.72	59.73 3.06 -2.02	54.28 2.81 -1.32	52.19 2.79 -2.02	49.87 2.71 -2.02	45.80 2.39 -3.59	42.70 2.07 -4.31	39.00 1.93 -1.91
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.97 1.55 0.00	34.44 1.36 0.00	34.26 1.25 0.00	33.12 1.12 0.00	34.52 1.20 0.00	36.47 1.27 0.00	42.40 1.35 0.00	49.16 1.89 0.00	48.43 2.38 0.70	49.06 2.22 1.32	49.54 2.20 2.60	47.49 2.35 3.77	47.51 2.03 4.01	47.95 2.11 3.14	47.67 2.33 2.14	50.20 2.72 1.05	54.43 3.13 0.00	58.21 3.55 0.00	53.41 3.26 0.00	50.60 3.22 0.00	48.26 3.11 0.00	42.65 2.83 0.00	38.79 2.47 0.00	37.37 2.21 0.00
N.QUEENS_27_KV_LOAD 356247	36.62 2.20 0.00	35.20 2.12 0.00	34.96 1.95 0.00	33.63 1.63 0.00	35.09 1.77 0.00	37.07 1.87 0.00	42.93 1.89 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.58 2.65 -0.76	53.98 2.55 -1.50	53.78 2.69 -2.17	54.18 2.38 -2.31	53.30 2.50 -1.81	51.48 2.75 -1.24	52.48 3.35 -0.60	55.19 3.90 0.00	58.70 4.04 0.00	53.91 3.76 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.37 3.54 0.00	39.74 3.41 0.00	38.35 3.20 0.00
N.TROY___115KV_TB1 355778	36.00 1.58 0.00	34.57 1.49 0.00	34.46 1.45 0.00	33.34 1.34 0.00	34.76 1.43 0.00	36.65 1.44 0.00	42.69 1.64 0.00	49.26 1.99 0.00	49.12 2.29 -0.09	50.60 2.26 -0.17	52.53 2.25 -0.34	51.76 2.35 -0.50	52.05 2.03 -0.53	51.56 2.16 -0.41	49.86 2.09 -0.28	50.90 2.23 -0.14	53.81 2.51 0.00	57.50 2.84 0.00	52.76 2.61 0.00	49.89 2.51 0.00	47.53 2.39 0.00	41.89 2.07 0.00	38.10 1.78 0.00	36.84 1.69 0.00
NARROWS_GT1_1 24228	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT1_2 24229	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT1_3 24230	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT1_4 24231	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00

NARROWS_GT1_5 24232	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT1_6 24233	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT1_7 24234	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT1_8 24235	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT2_1 24236	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT2_2 24237	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT2_3 24238	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT2_4 24239	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT2_5 24240	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT2_6 24241	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT2_7 24242	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NARROWS_GT2_8 24243	36.83 2.41 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.10 2.05 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.91 3.18 -1.24	52.67 3.54 -0.60	55.19 3.90 0.00	58.92 4.27 0.00	54.11 3.96 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.45 3.62 0.00	39.55 3.23 0.00	38.21 3.06 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.04 1.62 0.00	34.57 1.49 0.00	34.50 1.49 0.00	33.31 1.31 0.00	34.72 1.40 0.00	36.54 1.34 0.00	42.73 1.68 0.00	49.16 1.89 0.00	48.99 2.20 -0.05	50.14 1.88 -0.10	51.83 1.70 -0.19	50.96 1.76 -0.28	51.33 1.53 -0.30	50.84 1.62 -0.23	49.31 1.66 -0.16	50.59 1.99 -0.08	53.66 2.36 0.00	57.55 2.90 0.00	52.71 2.56 0.00	49.75 2.37 0.00	47.40 2.26 0.00	41.65 1.83 0.00	37.88 1.56 0.00	36.63 1.48 0.00
NCHELSEA_115KV_TR2 355582	36.41 2.00 0.00	34.84 1.75 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.93 1.73 0.00	43.10 2.05 0.00	49.92 2.65 0.00	49.92 3.18 0.00	51.10 2.94 0.00	52.88 2.95 0.00	51.95 3.03 0.00	52.22 2.72 0.00	51.83 2.84 0.00	50.48 2.99 0.00	51.97 3.45 0.00	55.19 3.90 0.00	59.03 4.37 0.00	54.11 3.96 0.00	51.22 3.84 0.00	48.89 3.75 0.00	43.05 3.23 0.00	39.15 2.83 0.00	37.72 2.57 0.00
NEG CAPITAL___MECHNVIL 23645	36.55 2.13 0.00	35.10 2.02 0.00	34.96 1.95 0.00	33.82 1.82 0.00	35.26 1.93 0.00	37.28 2.08 0.00	43.55 2.50 0.00	50.20 2.93 0.00	50.10 3.27 -0.09	51.65 3.32 -0.17	53.61 3.35 -0.33	52.82 3.42 -0.48	53.12 3.12 -0.51	52.57 3.18 -0.40	50.76 2.99 -0.27	51.86 3.20 -0.13	54.83 3.54 0.00	58.64 3.99 0.00	53.81 3.66 0.00	50.84 3.46 0.00	48.39 3.25 0.00	42.57 2.75 0.00	38.65 2.33 0.00	37.33 2.18 0.00

NEG CENTRAL_HIGH_ACRES 23767	32.87 -1.55 0.00	31.63 -1.45 0.00	31.36 -1.65 0.00	30.53 -1.47 0.00	31.79 -1.53 0.00	33.97 -1.23 0.00	39.49 -1.56 0.00	44.62 -2.65 0.00	44.55 -2.20 0.00	46.19 -1.98 0.00	47.94 -2.00 0.00	46.47 -2.44 0.00	46.77 -2.72 0.00	46.15 -2.84 0.00	44.55 -2.94 0.00	45.32 -3.20 0.00	47.81 -3.49 0.00	50.94 -3.72 0.00	46.49 -3.66 0.00	43.97 -3.41 0.00	41.76 -3.39 0.00	36.92 -2.91 0.00	34.10 -2.22 0.00	33.05 -2.11 0.00
NEG CENTRAL___DRP 24199	34.25 -0.17 0.00	32.85 -0.23 0.00	32.75 -0.26 0.00	31.84 -0.16 0.00	33.16 -0.17 0.00	35.28 0.07 0.00	41.17 0.12 0.00	46.75 -0.52 0.00	46.51 -0.23 0.00	48.12 -0.05 0.00	49.89 -0.05 0.00	48.57 -0.34 0.00	48.80 -0.69 0.00	48.11 -0.88 0.00	46.54 -0.95 0.00	47.41 -1.12 0.00	50.07 -1.23 0.00	53.51 -1.15 0.00	48.90 -1.25 0.00	46.19 -1.18 0.00	44.01 -1.13 0.00	38.95 -0.88 0.00	35.67 -0.65 0.00	34.56 -0.60 0.00
NEG CENTRAL___INDECK 23768	34.69 0.27 0.00	33.45 0.36 0.00	33.11 0.10 0.00	32.29 0.29 0.00	33.66 0.33 0.00	36.16 0.95 0.00	42.07 1.03 0.00	47.27 0.00 0.00	47.21 0.47 0.00	48.89 0.72 0.00	50.59 0.65 0.00	48.96 0.05 0.00	49.10 -0.40 0.00	48.26 -0.73 0.00	46.59 -0.90 0.00	47.41 -1.11 0.00	50.12 -1.18 0.00	53.45 -1.20 0.00	48.59 -1.56 0.00	45.86 -1.52 0.00	43.38 -1.76 0.00	38.39 -1.43 0.00	35.52 -0.80 0.00	34.41 -0.74 0.00
NEG CENTRAL___SENECA 23627	34.45 0.03 0.00	33.02 -0.07 0.00	32.88 -0.13 0.00	32.03 0.03 0.00	33.36 0.03 0.00	35.56 0.35 0.00	41.50 0.45 0.00	46.84 -0.43 0.00	46.70 -0.05 0.00	48.31 0.14 0.00	50.14 0.20 0.00	48.72 -0.20 0.00	48.85 -0.64 0.00	48.11 -0.88 0.00	46.54 -0.95 0.00	47.31 -1.21 0.00	49.96 -1.33 0.00	53.34 -1.31 0.00	48.75 -1.40 0.00	46.00 -1.37 0.00	43.83 -1.31 0.00	38.79 -1.04 0.00	35.67 -0.65 0.00	34.52 -0.63 0.00
NEG CENTRAL___STATE_STREET 24147	34.21 -0.21 0.00	32.82 -0.26 0.00	32.71 -0.30 0.00	31.78 -0.22 0.00	33.06 -0.27 0.00	35.14 -0.07 0.00	41.05 0.00 0.00	46.99 -0.28 0.00	46.65 -0.09 0.00	48.21 0.05 0.00	49.99 0.05 0.00	48.77 -0.15 0.00	49.10 -0.40 0.00	48.45 -0.54 0.00	46.92 -0.57 0.00	47.85 -0.68 0.00	50.53 -0.77 0.00	54.05 -0.60 0.00	49.50 -0.65 0.00	46.72 -0.66 0.00	44.51 -0.63 0.00	39.34 -0.48 0.00	35.96 -0.36 0.00	34.77 -0.39 0.00
NEG MILLWOOD___DRP 24198	36.62 2.20 0.00	35.03 1.95 0.00	34.86 1.85 0.00	33.63 1.63 0.00	35.09 1.77 0.00	37.14 1.94 0.00	43.39 2.34 0.00	50.25 2.98 0.00	50.48 3.55 -0.18	51.88 3.37 -0.34	54.06 3.45 -0.68	53.32 3.42 -0.98	53.66 3.12 -1.04	53.04 3.23 -0.82	51.37 3.32 -0.56	52.58 3.79 -0.27	55.45 4.15 0.00	59.25 4.59 0.00	54.41 4.26 0.00	51.59 4.22 0.00	49.25 4.11 0.00	43.33 3.50 0.00	39.37 3.05 0.00	37.90 2.74 0.00
NEG NORTH_FLCN_SEA 23793	34.01 -0.41 0.00	32.75 -0.33 0.00	32.88 -0.13 0.00	31.90 -0.10 0.00	33.26 -0.07 0.00	35.21 0.00 0.00	41.25 0.21 0.00	47.84 0.57 0.00	46.74 0.00 0.00	48.36 0.19 0.00	50.29 0.35 0.00	49.70 0.78 0.00	50.88 1.39 0.00	50.36 1.37 0.00	48.68 1.19 0.00	49.30 0.78 0.00	51.71 0.41 0.00	54.98 0.33 0.00	50.00 -0.15 0.00	46.62 -0.76 0.00	44.06 -1.08 0.00	38.39 -1.43 0.00	34.90 -1.42 0.00	-7.05 -1.27 40.94
NEG NORTH_KES_CHATEGAY 23792	33.90 -0.52 0.00	32.69 -0.40 0.00	32.81 -0.20 0.00	31.81 -0.19 0.00	33.16 -0.17 0.00	35.10 -0.11 0.00	41.09 0.04 0.00	47.65 0.38 0.00	46.56 -0.19 0.00	48.17 0.00 0.00	50.14 0.20 0.00	49.50 0.59 0.00	50.73 1.24 0.00	50.21 1.22 0.00	48.54 1.04 0.00	49.11 0.58 0.00	51.55 0.26 0.00	54.76 0.11 0.00	49.85 -0.30 0.00	46.48 -0.90 0.00	43.92 -1.22 0.00	38.27 -1.55 0.00	34.80 -1.53 0.00	-9.83 -1.30 43.69
NEG NORTH___ALICE_FALLS 23915	34.21 -0.21 0.00	32.98 -0.10 0.00	33.11 0.10 0.00	32.10 0.10 0.00	33.49 0.17 0.00	35.45 0.25 0.00	41.54 0.49 0.00	48.22 0.95 0.00	47.07 0.33 0.00	48.70 0.53 0.00	50.69 0.75 0.00	50.04 1.13 0.00	51.28 1.78 0.00	50.70 1.71 0.00	49.01 1.52 0.00	49.59 1.07 0.00	52.01 0.72 0.00	55.37 0.71 0.00	50.35 0.20 0.00	46.95 -0.43 0.00	44.42 -0.72 0.00	38.67 -1.15 0.00	35.16 -1.16 0.00	-7.17 -0.95 41.37
NEG NORTH___LWR_SARANAC 23913	34.21 -0.21 0.00	32.98 -0.10 0.00	33.11 0.10 0.00	32.10 0.10 0.00	33.49 0.17 0.00	35.45 0.25 0.00	41.54 0.49 0.00	48.22 0.95 0.00	47.07 0.33 0.00	48.70 0.53 0.00	50.69 0.75 0.00	50.04 1.13 0.00	51.28 1.78 0.00	50.70 1.71 0.00	49.01 1.52 0.00	49.59 1.07 0.00	52.01 0.72 0.00	55.37 0.71 0.00	50.35 0.20 0.00	46.95 -0.43 0.00	44.42 -0.72 0.00	38.67 -1.15 0.00	35.16 -1.16 0.00	-7.17 -0.95 41.37
NEG NORTH___PLATTSBURG 23628	34.21 -0.21 0.00	32.98 -0.10 0.00	33.11 0.10 0.00	32.10 0.10 0.00	33.49 0.17 0.00	35.45 0.25 0.00	41.54 0.49 0.00	48.21 0.95 0.00	47.07 0.33 0.00	48.70 0.53 0.00	50.69 0.75 0.00	49.99 1.07 0.00	51.27 1.78 0.00	50.70 1.71 0.00	49.01 1.52 0.00	49.59 1.07 0.00	52.01 0.72 0.00	54.76 0.11 0.00	50.35 0.20 0.00	46.95 -0.43 0.00	44.42 -0.72 0.00	38.67 -1.16 0.00	35.16 -1.16 0.00	-7.17 -0.95 41.37
NEG WEST_LEA_LOCKPORT 23791	33.25 -1.17 0.00	31.89 -1.19 0.00	31.66 -1.35 0.00	30.98 -1.02 0.00	32.26 -1.07 0.00	34.50 -0.70 0.00	39.94 -1.11 0.00	43.68 -3.59 0.00	44.22 -2.52 0.00	45.95 -2.22 0.00	47.64 -2.30 0.00	45.74 -3.18 0.00	45.73 -3.76 0.00	45.02 -3.97 0.00	43.31 -4.18 0.00	43.87 -4.66 0.00	46.01 -5.28 0.00	48.75 -5.90 0.00	44.43 -5.72 0.00	41.98 -5.40 0.00	39.72 -5.42 0.00	35.52 -4.30 0.00	33.49 -2.83 0.00	32.73 -2.43 0.00
NEG WEST___LANCASTER 23811	35.04 0.62 0.00	33.64 0.56 0.00	33.44 0.43 0.00	32.74 0.74 0.00	34.09 0.77 0.00	36.33 1.13 0.00	42.15 1.11 0.00	46.51 -0.76 0.00	46.93 0.19 0.00	48.74 0.58 0.00	50.59 0.65 0.00	48.77 -0.15 0.00	48.70 -0.79 0.00	47.96 -1.03 0.00	46.16 -1.33 0.00	46.73 -1.80 0.00	49.04 -2.26 0.00	51.86 -2.79 0.00	47.19 -2.96 0.00	44.53 -2.84 0.00	42.03 -3.11 0.00	37.83 -1.99 0.00	35.49 -0.84 0.00	34.56 -0.60 0.00
NEG_PENN_ALLEGHNY 23528	34.66 0.24 0.00	33.32 0.23 0.00	33.18 0.17 0.00	32.25 0.25 0.00	33.56 0.23 0.00	35.59 0.39 0.00	41.50 0.45 0.00	47.41 0.14 0.00	47.17 0.47 0.04	48.67 0.58 0.07	50.40 0.60 0.14	49.09 0.39 0.21	49.37 0.10 0.22	48.82 0.00 0.17	47.37 0.00 0.12	48.42 -0.05 0.06	51.24 -0.05 0.00	54.65 0.00 0.00	50.00 -0.15 0.00	47.24 -0.14 0.00	44.96 -0.18 0.00	39.78 -0.04 0.00	36.43 0.11 0.00	35.26 0.11 0.00
NEG___GEN_MONROE 24207	33.49 -0.93 0.00	32.09 -0.99 0.00	31.95 -1.06 0.00	31.17 -0.83 0.00	32.49 -0.83 0.00	34.75 -0.46 0.00	40.23 -0.82 0.00	44.95 -2.32 0.00	45.11 -1.64 0.00	46.82 -1.35 0.00	48.49 -1.45 0.00	46.81 -2.10 0.00	47.07 -2.43 0.00	46.44 -2.55 0.00	44.78 -2.71 0.00	45.52 -3.01 0.00	47.96 -3.33 0.00	51.16 -3.50 0.00	46.74 -3.41 0.00	44.20 -3.17 0.00	41.89 -3.25 0.00	37.15 -2.67 0.00	34.47 -1.85 0.00	33.54 -1.62 0.00

NEPA__ENERGY 23901	34.35 -0.07 0.00	32.98 -0.10 0.00	32.78 -0.23 0.00	32.06 0.06 0.00	33.39 0.07 0.00	35.66 0.46 0.00	41.37 0.33 0.00	45.43 -1.84 0.00	45.85 -0.89 0.00	47.64 -0.53 0.00	49.39 -0.55 0.00	47.45 -1.47 0.00	47.37 -2.13 0.00	46.54 -2.45 0.00	44.64 -2.85 0.00	45.08 -3.45 0.00	47.19 -4.10 0.00	49.84 -4.81 0.00	45.38 -4.76 0.00	42.83 -4.55 0.00	40.49 -4.65 0.00	36.24 -3.58 0.00	34.11 -2.22 0.00	33.26 -1.90 0.00
NEVERSINK__HYD 23608	36.41 2.00 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.47 1.47 0.00	34.89 1.57 0.00	37.00 1.79 0.00	43.22 2.17 0.00	49.96 2.69 0.00	49.73 3.18 0.19	50.69 2.89 0.36	52.07 2.84 0.72	50.76 2.89 1.04	50.96 2.57 1.11	50.72 2.59 0.87	49.70 2.80 0.59	51.54 3.30 0.29	55.25 3.95 0.00	59.25 4.59 0.00	54.26 4.11 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.09 3.27 0.00	39.23 2.91 0.00	37.79 2.64 0.00
NEWKRMKL_115KV_TB1 55635	35.31 0.89 0.00	33.88 0.79 0.00	33.80 0.79 0.00	32.70 0.70 0.00	34.06 0.73 0.00	35.70 0.49 0.00	41.54 0.49 0.00	47.93 0.66 0.00	47.76 0.93 -0.09	49.20 0.87 -0.16	51.16 0.90 -0.32	50.36 0.98 -0.47	50.74 0.74 -0.50	50.21 0.83 -0.39	48.61 0.85 -0.27	49.63 0.97 -0.13	52.42 1.13 0.00	55.97 1.31 0.00	51.35 1.20 0.00	48.56 1.18 0.00	46.32 1.17 0.00	40.78 0.96 0.00	37.12 0.80 0.00	35.89 0.74 0.00
NEWTON__FALLS_HYD 23847	33.35 -1.07 0.00	32.06 -1.03 0.00	31.95 -1.06 0.00	30.98 -1.02 0.00	32.02 -1.30 0.00	34.36 -0.84 0.00	39.86 -1.19 0.00	46.47 -0.80 0.00	45.90 -0.84 0.00	47.44 -0.72 0.00	50.14 0.20 0.00	48.91 0.00 0.00	49.64 0.15 0.00	49.23 0.24 0.00	46.45 -1.04 0.00	46.92 -1.60 0.00	49.14 -2.15 0.00	52.41 -2.24 0.00	48.04 -2.11 0.00	45.25 -2.13 0.00	42.93 -2.21 0.00	37.59 -2.23 0.00	34.43 -1.89 0.00	52.31 -1.41 -18.56
NGRID_A1_DSASP 323792	32.46 -1.96 0.00	31.43 -1.65 0.00	31.00 -2.01 0.00	30.30 -1.70 0.00	31.52 -1.80 0.00	33.76 -1.44 0.00	39.00 -2.05 0.00	42.50 -4.77 0.00	42.96 -3.78 0.00	44.70 -3.47 0.00	46.34 -3.60 0.00	44.42 -4.50 0.00	44.45 -5.05 0.00	43.75 -5.24 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.98 -6.31 0.00	47.44 -7.22 0.00	43.28 -6.87 0.00	40.93 -6.44 0.00	38.73 -6.41 0.00	34.68 -5.14 0.00	32.76 -3.56 0.00	32.06 -3.09 0.00
NGRID_A2_DSASP 323793	32.46 -1.96 0.00	31.43 -1.65 0.00	31.00 -2.01 0.00	30.30 -1.70 0.00	31.52 -1.80 0.00	33.76 -1.44 0.00	39.00 -2.05 0.00	42.50 -4.77 0.00	42.96 -3.78 0.00	44.70 -3.47 0.00	46.34 -3.60 0.00	44.42 -4.50 0.00	44.45 -5.05 0.00	43.75 -5.24 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.98 -6.31 0.00	47.44 -7.22 0.00	43.28 -6.87 0.00	40.93 -6.44 0.00	38.73 -6.41 0.00	34.68 -5.14 0.00	32.76 -3.56 0.00	32.06 -3.09 0.00
NGRID_A4_DSASP 323807	32.46 -1.96 0.00	31.43 -1.65 0.00	31.00 -2.01 0.00	30.30 -1.70 0.00	31.52 -1.80 0.00	33.76 -1.44 0.00	39.00 -2.05 0.00	42.50 -4.77 0.00	42.96 -3.78 0.00	44.70 -3.47 0.00	46.34 -3.60 0.00	44.42 -4.50 0.00	44.45 -5.05 0.00	43.75 -5.24 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.98 -6.31 0.00	47.44 -7.22 0.00	43.28 -6.87 0.00	40.93 -6.44 0.00	38.73 -6.41 0.00	34.68 -5.14 0.00	32.76 -3.56 0.00	32.06 -3.09 0.00
NIAGARA_115E_LBMP 323715	32.32 -2.10 0.00	31.30 -1.79 0.00	30.87 -2.15 0.00	30.18 -1.82 0.00	31.43 -1.90 0.00	33.66 -1.55 0.00	38.87 -2.18 0.00	42.40 -4.87 0.00	42.86 -3.88 0.00	44.60 -3.56 0.00	46.19 -3.75 0.00	44.31 -4.60 0.00	44.30 -5.20 0.00	43.65 -5.34 0.00	41.98 -5.51 0.00	42.56 -5.97 0.00	44.88 -6.41 0.00	47.33 -7.32 0.00	43.13 -7.02 0.00	40.79 -6.58 0.00	38.59 -6.55 0.00	34.56 -5.26 0.00	32.65 -3.67 0.00	31.92 -3.23 0.00
NIAGARA_115W_LBMP 323714	32.39 -2.03 0.00	31.36 -1.72 0.00	30.90 -2.11 0.00	30.21 -1.79 0.00	31.43 -1.90 0.00	33.69 -1.51 0.00	38.91 -2.14 0.00	42.35 -4.92 0.00	42.86 -3.88 0.00	44.60 -3.56 0.00	46.19 -3.75 0.00	44.31 -4.60 0.00	44.30 -5.20 0.00	43.65 -5.34 0.00	42.03 -5.46 0.00	42.60 -5.92 0.00	44.88 -6.41 0.00	47.33 -7.32 0.00	43.18 -6.97 0.00	40.84 -6.54 0.00	38.64 -6.50 0.00	34.60 -5.22 0.00	32.69 -3.63 0.00	31.99 -3.16 0.00
NIAGARA_230_LBMP 323716	32.63 -1.79 0.00	31.59 -1.49 0.00	31.16 -1.85 0.00	30.46 -1.54 0.00	31.69 -1.63 0.00	33.97 -1.23 0.00	39.20 -1.85 0.00	42.82 -4.45 0.00	43.28 -3.46 0.00	45.04 -3.13 0.00	46.64 -3.30 0.00	44.76 -4.16 0.00	44.74 -4.75 0.00	44.09 -4.90 0.00	42.46 -5.04 0.00	43.09 -5.43 0.00	45.40 -5.90 0.00	47.93 -6.72 0.00	43.68 -6.47 0.00	41.31 -6.06 0.00	39.14 -6.00 0.00	35.00 -4.82 0.00	33.02 -3.30 0.00	32.31 -2.85 0.00
NIAGARA__115KV_198_GIBSON 55903	32.46 -1.96 0.00	31.13 -1.95 0.00	30.90 -2.11 0.00	30.21 -1.79 0.00	31.46 -1.87 0.00	33.62 -1.58 0.00	38.87 -2.18 0.00	42.31 -4.96 0.00	42.86 -3.88 0.00	44.60 -3.56 0.00	46.19 -3.75 0.00	44.37 -4.55 0.00	44.30 -5.20 0.00	43.65 -5.34 0.00	41.98 -5.51 0.00	42.61 -5.92 0.00	44.68 -6.62 0.00	47.33 -7.32 0.00	43.18 -6.97 0.00	40.79 -6.59 0.00	38.64 -6.50 0.00	34.60 -5.22 0.00	32.69 -3.63 0.00	31.99 -3.16 0.00
NIAGARA____ 23760	32.63 -1.79 0.00	31.59 -1.49 0.00	31.16 -1.85 0.00	30.46 -1.54 0.00	31.69 -1.63 0.00	33.97 -1.23 0.00	39.20 -1.85 0.00	42.82 -4.45 0.00	43.28 -3.46 0.00	45.04 -3.13 0.00	46.64 -3.30 0.00	44.76 -4.16 0.00	44.74 -4.75 0.00	44.09 -4.90 0.00	42.46 -5.04 0.00	43.09 -5.43 0.00	45.40 -5.90 0.00	47.93 -6.72 0.00	43.68 -6.47 0.00	41.31 -6.06 0.00	39.14 -6.00 0.00	35.00 -4.82 0.00	33.02 -3.30 0.00	32.31 -2.85 0.00
NINE_MILE_1 23575	33.15 -1.27 0.00	31.86 -1.22 0.00	31.76 -1.25 0.00	30.82 -1.18 0.00	32.06 -1.27 0.00	33.94 -1.27 0.00	39.57 -1.48 0.00	45.43 -1.84 0.00	45.01 -1.73 0.00	46.43 -1.73 0.00	48.14 -1.80 0.00	47.01 -1.91 0.00	47.42 -2.08 0.00	46.88 -2.11 0.00	45.40 -2.09 0.00	46.34 -2.18 0.00	48.99 -2.31 0.00	52.25 -2.40 0.00	47.89 -2.26 0.00	45.25 -2.13 0.00	43.11 -2.03 0.00	38.11 -1.71 0.00	34.83 -1.49 0.00	33.71 -1.44 0.00
NINE_MILE_2 23744	33.15 -1.27 0.00	31.86 -1.22 0.00	31.76 -1.25 0.00	30.82 -1.18 0.00	32.06 -1.27 0.00	33.94 -1.27 0.00	39.57 -1.48 0.00	45.43 -1.84 0.00	45.01 -1.73 0.00	46.43 -1.73 0.00	48.14 -1.80 0.00	47.01 -1.91 0.00	47.42 -2.08 0.00	46.88 -2.11 0.00	45.40 -2.09 0.00	46.34 -2.18 0.00	48.99 -2.31 0.00	52.25 -2.40 0.00	47.89 -2.26 0.00	45.25 -2.13 0.00	43.16 -1.99 0.00	38.11 -1.71 0.00	34.83 -1.49 0.00	33.71 -1.44 0.00
NM_CAPITAL__DRP 24208	35.38 0.96 0.00	33.98 0.89 0.00	33.87 0.86 0.00	32.77 0.77 0.00	34.16 0.83 0.00	35.80 0.60 0.00	41.66 0.62 0.00	48.12 0.85 0.00	47.91 1.08 -0.09	49.35 1.01 -0.17	51.32 1.05 -0.33	50.52 1.13 -0.48	50.90 0.89 -0.51	50.37 0.98 -0.40	48.76 1.00 -0.27	49.78 1.12 -0.13	52.58 1.28 0.00	56.13 1.48 0.00	51.50 1.35 0.00	48.70 1.33 0.00	46.45 1.31 0.00	40.94 1.12 0.00	37.23 0.91 0.00	36.03 0.88 0.00

NM_CENTRAL___DRP 24181	33.83 -0.59 0.00	32.49 -0.60 0.00	32.38 -0.63 0.00	31.46 -0.54 0.00	32.69 -0.63 0.00	34.64 -0.56 0.00	40.47 -0.57 0.00	46.37 -0.90 0.00	46.04 -0.70 0.00	47.54 -0.63 0.00	49.34 -0.60 0.00	48.13 -0.78 0.00	48.51 -0.99 0.00	47.91 -1.08 0.00	46.40 -1.09 0.00	47.36 -1.16 0.00	50.01 -1.28 0.00	53.34 -1.31 0.00	48.90 -1.25 0.00	46.19 -1.18 0.00	44.01 -1.13 0.00	38.91 -0.92 0.00	35.56 -0.76 0.00	34.42 -0.74 0.00
NM_FRONTIER___DRP 24179	32.46 -1.96 0.00	31.13 -1.95 0.00	30.90 -2.11 0.00	30.21 -1.79 0.00	31.46 -1.87 0.00	33.62 -1.58 0.00	38.87 -2.18 0.00	42.31 -4.96 0.00	42.86 -3.88 0.00	44.60 -3.56 0.00	46.19 -3.75 0.00	44.37 -4.55 0.00	44.30 -5.20 0.00	43.65 -5.34 0.00	41.98 -5.51 0.00	42.61 -5.92 0.00	44.68 -6.62 0.00	47.33 -7.32 0.00	43.18 -6.97 0.00	40.79 -6.59 0.00	38.64 -6.50 0.00	34.60 -5.22 0.00	32.69 -3.63 0.00	31.99 -3.16 0.00
NM_ST_REGIS___HYD 24053	33.73 -0.69 0.00	32.49 -0.60 0.00	32.48 -0.53 0.00	31.46 -0.54 0.00	32.46 -0.87 0.00	34.75 -0.46 0.00	40.14 -0.90 0.00	46.89 -0.38 0.00	45.99 -0.75 0.00	47.59 -0.58 0.00	50.54 0.60 0.00	49.55 0.64 0.00	50.58 1.09 0.00	50.12 1.13 0.00	47.25 -0.24 0.00	47.46 -1.07 0.00	49.60 -1.69 0.00	52.91 -1.75 0.00	48.39 -1.76 0.00	45.39 -1.99 0.00	42.93 -2.21 0.00	37.39 -2.43 0.00	34.29 -2.03 0.00	65.78 -1.30 -31.93
NORTHPORT___1 23551	36.83 2.41 0.00	34.90 1.82 0.00	34.53 1.52 0.00	33.28 1.28 0.00	34.83 1.50 0.00	36.79 1.59 0.00	42.44 1.40 0.00	49.40 2.13 0.00	49.76 2.62 -0.40	51.43 2.50 -0.76	54.78 3.35 -1.49	55.00 3.91 -2.17	54.92 3.12 -2.31	53.89 3.09 -1.81	52.19 3.46 -1.23	53.35 4.22 -0.60	56.39 5.03 -0.06	60.19 5.52 -0.02	55.38 5.22 -0.02	52.12 4.74 0.00	49.84 4.69 0.00	44.39 4.22 -0.35	39.73 3.41 0.00	38.28 3.13 0.00
NORTHPORT___2 23552	36.83 2.41 0.00	34.90 1.82 0.00	34.53 1.52 0.00	33.28 1.28 0.00	34.83 1.50 0.00	36.79 1.59 0.00	42.44 1.40 0.00	49.40 2.13 0.00	49.76 2.62 -0.40	51.43 2.50 -0.76	54.78 3.35 -1.49	55.00 3.91 -2.17	54.92 3.12 -2.31	53.89 3.09 -1.81	52.19 3.46 -1.23	53.35 4.22 -0.60	56.39 5.03 -0.06	60.19 5.52 -0.02	55.38 5.22 -0.02	52.12 4.74 0.00	49.84 4.69 0.00	44.39 4.22 -0.35	39.73 3.41 0.00	38.28 3.13 0.00
NORTHPORT___3 23553	36.86 2.44 0.00	34.97 1.88 0.00	34.63 1.62 0.00	33.37 1.38 0.00	34.89 1.57 0.00	36.86 1.66 0.00	42.44 1.40 0.00	49.30 2.03 0.00	49.67 2.52 -0.40	51.19 2.26 -0.76	53.88 2.45 -1.49	54.22 3.13 -2.17	54.23 2.42 -2.31	53.29 2.50 -1.81	51.81 3.09 -1.23	52.77 3.64 -0.60	55.41 4.05 -0.06	59.15 4.48 -0.02	54.42 4.26 -0.02	51.59 4.22 0.00	49.52 4.38 0.00	44.19 4.02 -0.35	39.55 3.23 0.00	38.04 2.88 0.00
NORTHPORT___4 23650	36.86 2.44 0.00	34.97 1.88 0.00	34.63 1.62 0.00	33.37 1.38 0.00	34.89 1.57 0.00	36.86 1.66 0.00	42.44 1.40 0.00	49.30 2.03 0.00	49.67 2.52 -0.40	51.19 2.26 -0.76	53.88 2.45 -1.49	54.22 3.13 -2.17	54.23 2.42 -2.31	53.29 2.50 -1.81	51.81 3.09 -1.23	52.77 3.64 -0.60	55.41 4.05 -0.06	59.15 4.48 -0.02	54.42 4.26 -0.02	51.59 4.22 0.00	49.52 4.38 0.00	44.19 4.02 -0.35	39.55 3.23 0.00	38.04 2.88 0.00
NORTHPORT___IC 23718	36.83 2.41 0.00	35.00 1.92 0.00	34.53 1.52 0.00	33.28 1.28 0.00	34.76 1.43 0.00	36.72 1.51 0.00	42.57 1.52 0.00	49.54 2.27 0.00	49.90 2.76 -0.40	51.43 2.50 -0.76	54.83 3.40 -1.49	55.00 3.91 -2.17	54.92 3.12 -2.31	54.08 3.28 -1.81	52.19 3.47 -1.23	53.35 4.22 -0.60	56.39 5.03 -0.06	60.19 5.52 -0.02	55.38 5.22 -0.02	52.12 4.74 0.00	49.88 4.74 0.00	44.39 4.22 -0.35	39.77 3.45 0.00	38.28 3.13 0.00
NORTH___COUNTRY_ESR 323785	33.80 -0.62 0.00	32.55 -0.53 0.00	32.71 -0.30 0.00	31.71 -0.29 0.00	33.06 -0.27 0.00	35.00 -0.21 0.00	40.96 -0.08 0.00	47.51 0.24 0.00	46.37 -0.38 0.00	48.02 -0.14 0.00	49.99 0.05 0.00	49.30 0.39 0.00	50.58 1.09 0.00	50.07 1.08 0.00	48.35 0.86 0.00	48.96 0.44 0.00	51.35 0.05 0.00	54.16 -0.49 0.00	49.65 -0.50 0.00	46.29 -1.09 0.00	43.79 -1.35 0.00	38.15 -1.67 0.00	34.69 -1.63 0.00	-10.00 -1.41 43.75
NPX_GEN_1385_PROXY 323591	37.03 2.61 0.00	35.03 1.95 0.00	34.66 1.65 0.00	33.47 1.47 0.00	34.92 1.60 0.00	37.00 1.79 0.00	42.57 1.52 0.00	49.49 2.22 0.00	49.90 2.76 -0.40	51.43 2.50 -0.76	55.13 3.70 -1.49	55.00 3.91 -2.17	54.57 2.77 -2.31	53.10 2.30 -1.81	51.81 3.09 -1.23	53.35 4.22 -0.60	56.54 5.18 -0.06	60.57 5.90 -0.02	55.78 5.62 -0.02	52.07 4.69 0.00	49.84 4.69 0.00	44.39 4.22 -0.35	39.70 3.38 0.00	38.53 3.38 0.00
NPX_GEN_CSC 323557	37.31 2.89 0.00	35.30 2.22 0.00	34.86 1.85 0.00	33.54 1.54 0.00	35.12 1.80 0.00	37.11 1.90 0.00	42.85 1.80 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	52.01 3.09 -0.76	55.38 3.94 -1.49	55.78 4.70 -2.17	55.67 3.86 -2.31	54.62 3.82 -1.81	52.48 3.75 -1.23	54.13 5.00 -0.60	57.41 6.05 -0.06	61.28 6.61 -0.02	56.33 6.17 -0.02	52.97 5.59 0.00	50.65 5.51 0.00	45.07 4.90 -0.35	40.21 3.89 0.00	38.63 3.48 0.00
NSINS_S__GLNS_FALLS 23858	37.00 2.58 0.00	35.56 2.48 0.00	35.39 2.38 0.00	34.21 2.21 0.00	35.66 2.33 0.00	37.81 2.61 0.00	44.29 3.24 0.00	51.00 3.73 0.00	50.99 4.16 -0.09	52.57 4.24 -0.16	54.50 4.24 -0.32	53.68 4.30 -0.46	53.99 4.01 -0.49	53.39 4.02 -0.38	51.41 3.66 -0.26	52.58 3.93 -0.13	55.61 4.31 0.00	59.52 4.86 0.00	54.56 4.41 0.00	51.59 4.22 0.00	49.02 3.88 0.00	43.05 3.23 0.00	39.01 2.69 0.00	37.65 2.50 0.00
NUCOR_STEEL___DRP 24197	34.25 -0.17 0.00	32.85 -0.23 0.00	32.75 -0.26 0.00	31.81 -0.19 0.00	33.09 -0.23 0.00	35.14 -0.07 0.00	41.01 -0.04 0.00	46.94 -0.33 0.00	46.56 -0.19 0.00	48.12 -0.05 0.00	49.89 -0.05 0.00	48.67 -0.24 0.00	49.00 -0.49 0.00	48.35 -0.64 0.00	46.87 -0.62 0.00	47.80 -0.73 0.00	50.53 -0.77 0.00	54.00 -0.66 0.00	49.45 -0.70 0.00	46.72 -0.66 0.00	44.51 -0.63 0.00	39.34 -0.48 0.00	35.96 -0.36 0.00	34.80 -0.35 0.00
NUMBER_THREE_WT_PWR 323818	33.69 -0.72 0.00	32.35 -0.73 0.00	32.25 -0.76 0.00	31.23 -0.77 0.00	32.46 -0.87 0.00	34.89 -0.32 0.00	40.76 -0.29 0.00	47.41 0.14 0.00	47.16 0.42 0.00	48.70 0.53 0.00	50.88 0.95 0.00	49.60 0.68 0.00	50.14 0.64 0.00	49.73 0.74 0.00	47.30 -0.19 0.00	48.09 -0.44 0.00	50.32 -0.98 0.00	53.61 -1.04 0.00	49.25 -0.90 0.00	46.53 -0.85 0.00	44.19 -0.95 0.00	38.79 -1.04 0.00	35.41 -0.91 0.00	42.43 -0.81 -8.08
NYISO_LBMP_REFERENCE 24008	34.42 0.00 0.00	33.08 0.00 0.00	33.01 0.00 0.00	32.00 0.00 0.00	33.32 0.00 0.00	35.21 0.00 0.00	41.05 0.00 0.00	47.27 0.00 0.00	46.74 0.00 0.00	48.17 0.00 0.00	49.94 0.00 0.00	48.91 0.00 0.00	49.50 0.00 0.00	48.99 0.00 0.00	47.49 0.00 0.00	48.53 0.00 0.00	51.30 0.00 0.00	54.65 0.00 0.00	50.15 0.00 0.00	47.38 0.00 0.00	45.14 0.00 0.00	39.82 0.00 0.00	36.32 0.00 0.00	35.15 0.00 0.00

NYPA_BRENTWD____GT 24164	37.21 2.79 0.00	35.26 2.18 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.12 1.80 0.00	37.11 1.90 0.00	42.90 1.85 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	52.01 3.09 -0.76	55.33 3.90 -1.49	55.68 4.60 -2.17	55.56 3.76 -2.31	54.52 3.72 -1.81	52.81 4.08 -1.23	53.98 4.85 -0.60	57.11 5.74 -0.06	60.95 6.28 -0.02	56.03 5.86 -0.02	52.73 5.35 0.00	50.38 5.23 0.00	44.87 4.70 -0.35	40.13 3.81 0.00	38.60 3.45 0.00
NYPA_GOWANUS____GT5 24156	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.06 2.01 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.41 3.59 0.00	39.55 3.23 0.00	38.18 3.02 0.00
NYPA_GOWANUS____GT6 24157	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.00 1.79 0.00	43.06 2.01 0.00	49.92 2.65 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.19 3.90 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.45 4.08 0.00	49.12 3.97 0.00	43.41 3.59 0.00	39.55 3.23 0.00	38.18 3.02 0.00
NYPA_HARLEM__RVR__GT1 24160	36.79 2.37 0.00	35.03 1.95 0.00	34.89 1.88 0.00	33.57 1.57 0.00	35.06 1.73 0.00	36.79 1.59 0.00	42.85 1.80 0.00	49.49 2.22 0.00	49.80 2.66 -0.39	51.47 2.55 -0.75	53.87 2.45 -1.49	53.72 2.64 -2.17	54.13 2.33 -2.30	53.19 2.40 -1.80	51.42 2.71 -1.23	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.12 3.74 0.00	48.80 3.65 0.00	43.21 3.38 0.00	39.67 3.34 -0.01	38.26 3.09 -0.01
NYPA_HARLEM__RVR__GT2 24161	36.79 2.37 0.00	35.03 1.95 0.00	34.89 1.88 0.00	33.57 1.57 0.00	35.06 1.73 0.00	36.79 1.59 0.00	42.85 1.80 0.00	49.49 2.22 0.00	49.80 2.66 -0.39	51.47 2.55 -0.75	53.87 2.45 -1.49	53.72 2.64 -2.17	54.13 2.33 -2.30	53.19 2.40 -1.80	51.42 2.71 -1.23	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.12 3.74 0.00	48.80 3.65 0.00	43.21 3.38 0.00	39.67 3.34 -0.01	38.26 3.09 -0.01
NYPA_KENT____GT 24152	36.72 2.31 0.00	35.00 1.92 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.06 1.73 0.00	36.97 1.76 0.00	43.02 1.97 0.00	49.87 2.60 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.86 3.13 -1.24	52.63 3.50 -0.60	55.15 3.85 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.40 4.02 0.00	49.07 3.93 0.00	43.37 3.54 0.00	39.48 3.16 0.00	38.11 2.95 0.00
NYPA_POUCH1____GT 24155	36.83 2.41 0.00	35.07 1.98 0.00	34.96 1.95 0.00	33.63 1.63 0.00	35.09 1.77 0.00	36.97 1.76 0.00	43.02 1.97 0.00	49.82 2.55 0.00	50.09 2.95 -0.40	51.82 2.89 -0.76	54.18 2.74 -1.50	54.02 2.93 -2.17	54.43 2.62 -2.31	53.49 2.69 -1.81	51.72 2.99 -1.24	52.48 3.35 -0.60	55.04 3.74 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.36 3.98 0.00	49.03 3.88 0.00	43.37 3.54 0.00	39.52 3.20 0.00	38.18 3.02 0.00
NYPA_VERNON____GT2 24162	36.62 2.20 0.00	34.93 1.85 0.00	34.79 1.78 0.00	33.54 1.54 0.00	34.99 1.67 0.00	36.90 1.69 0.00	42.98 1.93 0.00	49.82 2.55 0.00	50.23 3.08 -0.40	51.87 2.94 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.15 3.85 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.29 3.46 0.00	39.45 3.12 0.00	38.04 2.88 0.00
NYPA_VERNON____GT3 24163	36.62 2.20 0.00	34.93 1.85 0.00	34.79 1.78 0.00	33.54 1.54 0.00	34.99 1.67 0.00	36.90 1.69 0.00	42.98 1.93 0.00	49.82 2.55 0.00	50.23 3.08 -0.40	51.87 2.94 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.15 3.85 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.98 3.83 0.00	43.29 3.46 0.00	39.45 3.12 0.00	38.04 2.88 0.00
NYPA__ASTORIA_CC1 323568	36.62 2.20 0.00	34.90 1.82 0.00	34.79 1.78 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.86 1.66 0.00	42.90 1.85 0.00	49.73 2.46 0.00	50.09 2.95 -0.40	51.77 2.84 -0.76	54.18 2.74 -1.50	53.97 2.89 -2.17	54.38 2.57 -2.31	53.44 2.64 -1.81	51.67 2.95 -1.24	52.53 3.40 -0.60	55.04 3.74 0.00	58.70 4.04 0.00	53.86 3.71 0.00	51.21 3.84 0.00	48.89 3.74 0.00	43.25 3.43 0.00	39.41 3.09 0.00	38.00 2.85 0.00
NYPA__ASTORIA_CC2 323569	36.62 2.20 0.00	34.90 1.82 0.00	34.79 1.78 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.86 1.66 0.00	42.90 1.85 0.00	49.73 2.46 0.00	50.09 2.95 -0.40	51.77 2.84 -0.76	54.18 2.74 -1.50	53.97 2.89 -2.17	54.43 2.62 -2.31	53.49 2.69 -1.81	51.67 2.95 -1.24	52.53 3.40 -0.60	55.04 3.74 0.00	58.70 4.04 0.00	53.86 3.71 0.00	51.21 3.84 0.00	48.89 3.74 0.00	43.25 3.43 0.00	39.41 3.09 0.00	38.00 2.85 0.00
NYPA__HOLTSVILL 23794	37.03 2.61 0.00	35.07 1.98 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.93 1.72 0.00	42.57 1.52 0.00	49.54 2.27 0.00	49.90 2.76 -0.40	51.57 2.65 -0.76	54.83 3.40 -1.49	55.19 4.11 -2.17	55.12 3.32 -2.31	54.08 3.28 -1.81	52.29 3.56 -1.23	53.54 4.42 -0.60	56.70 5.33 -0.06	60.52 5.85 -0.02	55.63 5.47 -0.02	52.31 4.93 0.00	50.06 4.92 0.00	44.59 4.42 -0.35	39.92 3.60 0.00	38.39 3.23 0.00
NYPA__HELLGATE_GT1 24158	36.79 2.37 0.00	35.03 1.95 0.00	34.89 1.88 0.00	33.57 1.57 0.00	35.06 1.73 0.00	36.79 1.59 0.00	42.85 1.80 0.00	49.49 2.22 0.00	49.85 2.71 -0.39	51.47 2.55 -0.75	53.92 2.50 -1.49	53.77 2.69 -2.17	54.17 2.38 -2.30	53.24 2.45 -1.80	51.47 2.75 -1.23	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.12 3.74 0.00	48.80 3.65 0.00	43.21 3.38 0.00	39.67 3.34 -0.01	38.26 3.09 -0.01
NYPA__HELLGATE_GT2 24159	36.79 2.37 0.00	35.03 1.95 0.00	34.89 1.88 0.00	33.57 1.57 0.00	35.06 1.73 0.00	36.79 1.59 0.00	42.85 1.80 0.00	49.49 2.22 0.00	49.85 2.71 -0.39	51.47 2.55 -0.75	53.92 2.50 -1.49	53.77 2.69 -2.17	54.17 2.38 -2.30	53.24 2.45 -1.80	51.47 2.75 -1.23	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.12 3.74 0.00	48.80 3.65 0.00	43.21 3.38 0.00	39.67 3.34 -0.01	38.26 3.09 -0.01
NYS_BARGE__HYD 23848	33.18 -1.24 0.00	32.12 -0.96 0.00	31.69 -1.32 0.00	30.97 -1.03 0.00	32.26 -1.07 0.00	34.57 -0.63 0.00	40.02 -1.02 0.00	43.82 -3.45 0.00	44.26 -2.48 0.00	46.05 -2.12 0.00	47.74 -2.20 0.00	45.78 -3.13 0.00	45.78 -3.71 0.00	45.12 -3.87 0.00	43.41 -4.08 0.00	43.96 -4.56 0.00	46.32 -4.97 0.00	48.86 -5.79 0.00	44.53 -5.62 0.00	42.12 -5.26 0.00	39.81 -5.33 0.00	35.60 -4.22 0.00	33.56 -2.76 0.00	32.76 -2.39 0.00

OAK ORCHARD___HYD 24046	33.28 -1.13 0.00	32.09 -0.99 0.00	31.76 -1.25 0.00	30.94 -1.06 0.00	32.26 -1.07 0.00	34.46 -0.74 0.00	40.02 -1.02 0.00	44.91 -2.36 0.00	44.97 -1.78 0.00	46.67 -1.49 0.00	48.39 -1.55 0.00	46.81 -2.10 0.00	47.07 -2.42 0.00	46.44 -2.55 0.00	44.79 -2.71 0.00	45.56 -2.96 0.00	48.07 -3.23 0.00	51.16 -3.50 0.00	46.69 -3.46 0.00	44.16 -3.22 0.00	41.85 -3.29 0.00	37.11 -2.71 0.00	34.40 -1.93 0.00	33.36 -1.79 0.00
OAKDALE___35_KV_LOAD 356122	34.62 0.21 0.00	33.25 0.17 0.00	33.14 0.13 0.00	32.22 0.22 0.00	33.52 0.20 0.00	35.49 0.28 0.00	41.37 0.33 0.00	47.27 0.00 0.00	47.03 0.33 0.04	48.53 0.43 0.07	50.24 0.45 0.14	48.95 0.24 0.21	49.22 -0.05 0.22	48.72 -0.10 0.17	47.23 -0.14 0.12	48.27 -0.19 0.06	51.09 -0.21 0.00	54.49 -0.16 0.00	49.90 -0.25 0.00	47.14 -0.24 0.00	44.87 -0.27 0.00	39.70 -0.12 0.00	36.36 0.04 0.00	35.19 0.04 0.00
OCC_CHEM___DRP 24175	32.53 -1.89 0.00	31.20 -1.89 0.00	31.00 -2.01 0.00	30.30 -1.70 0.00	31.52 -1.80 0.00	33.69 -1.51 0.00	38.95 -2.09 0.00	42.40 -4.87 0.00	43.00 -3.74 0.00	44.70 -3.47 0.00	46.34 -3.60 0.00	44.46 -4.45 0.00	44.45 -5.05 0.00	43.80 -5.19 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.78 -6.51 0.00	47.44 -7.21 0.00	43.28 -6.87 0.00	40.88 -6.49 0.00	38.73 -6.41 0.00	34.64 -5.18 0.00	32.76 -3.56 0.00	32.06 -3.09 0.00
OH_GEN_PROXY 24063	32.66 -1.75 0.00	31.59 -1.49 0.00	31.19 -1.82 0.00	30.50 -1.50 0.00	31.73 -1.60 0.00	33.97 -1.23 0.00	39.24 -1.81 0.00	42.92 -4.35 0.00	43.38 -3.37 0.00	45.13 -3.03 0.00	46.74 -3.20 0.00	44.90 -4.01 0.00	44.89 -4.60 0.00	44.24 -4.75 0.00	42.60 -4.89 0.00	43.24 -5.29 0.00	45.60 -5.70 0.00	48.15 -6.51 0.00	43.93 -6.22 0.00	41.55 -5.83 0.00	39.32 -5.82 0.00	35.16 -4.66 0.00	33.12 -3.20 0.00	32.38 -2.78 0.00
OLIN_CORP_DRP 24177	32.49 -1.93 0.00	31.16 -1.92 0.00	30.96 -2.05 0.00	30.27 -1.73 0.00	31.49 -1.83 0.00	33.69 -1.51 0.00	38.95 -2.09 0.00	42.45 -4.82 0.00	43.00 -3.74 0.00	44.75 -3.42 0.00	46.34 -3.60 0.00	44.46 -4.45 0.00	44.45 -5.05 0.00	43.80 -5.19 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.78 -6.51 0.00	47.44 -7.21 0.00	43.23 -6.92 0.00	40.89 -6.49 0.00	38.68 -6.46 0.00	34.64 -5.18 0.00	32.73 -3.60 0.00	32.03 -3.13 0.00
OLIN_CORP_DSASP 323712	32.46 -1.96 0.00	31.43 -1.65 0.00	31.00 -2.01 0.00	30.30 -1.70 0.00	31.52 -1.80 0.00	33.76 -1.44 0.00	39.00 -2.05 0.00	42.50 -4.77 0.00	42.96 -3.78 0.00	44.70 -3.47 0.00	46.34 -3.60 0.00	44.42 -4.50 0.00	44.45 -5.05 0.00	43.75 -5.24 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.98 -6.31 0.00	47.44 -7.22 0.00	43.28 -6.87 0.00	40.93 -6.44 0.00	38.73 -6.41 0.00	34.68 -5.14 0.00	32.76 -3.56 0.00	32.06 -3.09 0.00
ONEIDA_HERK_LFGE 323681	34.56 0.14 0.00	33.18 0.10 0.00	33.08 0.07 0.00	32.06 0.06 0.00	33.36 0.03 0.00	35.56 0.35 0.00	41.54 0.49 0.00	48.07 0.80 0.00	47.77 1.03 0.00	49.32 1.15 0.00	51.29 1.35 0.00	50.09 1.17 0.00	50.58 1.09 0.00	50.12 1.13 0.00	48.16 0.66 0.00	49.16 0.63 0.00	51.70 0.41 0.00	55.09 0.44 0.00	50.55 0.40 0.00	47.80 0.43 0.00	45.46 0.32 0.00	40.02 0.20 0.00	36.47 0.15 0.00	39.00 0.14 -3.71
ONEIDA___115KV_TB4 55905	35.07 0.65 0.00	33.68 0.60 0.00	33.57 0.56 0.00	32.54 0.54 0.00	33.89 0.57 0.00	36.02 0.81 0.00	42.11 1.07 0.00	48.55 1.28 0.00	48.19 1.45 0.00	49.71 1.54 0.00	51.69 1.75 0.00	50.43 1.52 0.00	50.88 1.39 0.00	50.31 1.32 0.00	48.63 1.14 0.00	49.69 1.16 0.00	52.42 1.13 0.00	55.80 1.15 0.00	51.20 1.05 0.00	48.37 0.99 0.00	46.05 0.90 0.00	40.58 0.76 0.00	36.98 0.65 0.00	37.36 0.63 -1.57
ONONDAGA_REF_OCCRA 23987	34.04 -0.38 0.00	32.69 -0.40 0.00	32.58 -0.43 0.00	31.62 -0.38 0.00	32.89 -0.43 0.00	34.85 -0.35 0.00	40.72 -0.33 0.00	46.70 -0.57 0.00	46.32 -0.42 0.00	47.83 -0.34 0.00	49.64 -0.30 0.00	48.47 -0.44 0.00	48.80 -0.69 0.00	48.21 -0.78 0.00	46.73 -0.76 0.00	47.65 -0.87 0.00	50.37 -0.92 0.00	53.78 -0.87 0.00	49.25 -0.90 0.00	46.53 -0.85 0.00	44.33 -0.81 0.00	39.19 -0.64 0.00	35.81 -0.51 0.00	34.63 -0.53 0.00
ONONDAGA___COGEN 23986	34.04 -0.38 0.00	32.65 -0.43 0.00	32.55 -0.46 0.00	31.62 -0.38 0.00	32.86 -0.47 0.00	34.82 -0.39 0.00	40.68 -0.37 0.00	46.66 -0.61 0.00	46.23 -0.51 0.00	47.78 -0.39 0.00	49.54 -0.40 0.00	48.38 -0.54 0.00	48.70 -0.79 0.00	48.11 -0.88 0.00	46.59 -0.90 0.00	47.56 -0.97 0.00	50.22 -1.08 0.00	53.62 -1.04 0.00	49.15 -1.00 0.00	46.43 -0.95 0.00	44.28 -0.86 0.00	39.15 -0.68 0.00	35.74 -0.58 0.00	34.59 -0.56 0.00
ONTARIO___LFGE 23819	34.42 0.00 0.00	33.12 0.03 0.00	32.88 -0.13 0.00	32.03 0.03 0.00	33.32 0.00 0.00	35.59 0.39 0.00	41.54 0.49 0.00	46.84 -0.43 0.00	46.70 -0.05 0.00	48.31 0.14 0.00	50.14 0.20 0.00	48.67 -0.24 0.00	48.85 -0.64 0.00	48.11 -0.88 0.00	46.54 -0.95 0.00	47.36 -1.17 0.00	50.02 -1.28 0.00	53.34 -1.31 0.00	48.75 -1.40 0.00	46.24 -1.14 0.00	43.83 -1.31 0.00	38.79 -1.04 0.00	35.67 -0.65 0.00	34.52 -0.63 0.00
ORANGEVILLE_WT_PWR 323706	33.87 -0.55 0.00	32.78 -0.30 0.00	32.45 -0.56 0.00	31.71 -0.29 0.00	32.99 -0.33 0.00	35.31 0.11 0.00	40.92 -0.12 0.00	45.29 -1.98 0.00	45.53 -1.22 0.00	47.30 -0.87 0.00	48.99 -0.95 0.00	47.11 -1.81 0.00	47.02 -2.47 0.00	46.15 -2.84 0.00	44.40 -3.09 0.00	44.94 -3.59 0.00	47.19 -4.11 0.00	49.84 -4.81 0.00	45.33 -4.81 0.00	42.74 -4.64 0.00	40.44 -4.70 0.00	36.08 -3.74 0.00	33.74 -2.58 0.00	32.87 -2.28 0.00
ORANGEVILLE___ESR 323794	33.87 -0.55 0.00	32.78 -0.30 0.00	32.45 -0.56 0.00	31.71 -0.29 0.00	32.99 -0.33 0.00	35.31 0.11 0.00	40.92 -0.12 0.00	45.29 -1.98 0.00	45.53 -1.22 0.00	47.30 -0.87 0.00	48.99 -0.95 0.00	47.11 -1.81 0.00	47.02 -2.47 0.00	46.15 -2.84 0.00	44.40 -3.09 0.00	44.94 -3.59 0.00	47.19 -4.11 0.00	49.84 -4.81 0.00	45.33 -4.81 0.00	42.74 -4.64 0.00	40.44 -4.70 0.00	36.08 -3.74 0.00	33.74 -2.58 0.00	32.87 -2.28 0.00
OSWEGATCHIE___HYD 24044	33.35 -1.07 0.00	32.06 -1.03 0.00	31.95 -1.06 0.00	30.97 -1.03 0.00	32.02 -1.30 0.00	34.36 -0.85 0.00	39.85 -1.19 0.00	46.47 -0.80 0.00	45.90 -0.84 0.00	47.44 -0.72 0.00	50.14 0.20 0.00	48.87 -0.05 0.00	49.64 0.15 0.00	49.24 0.25 0.00	46.45 -1.05 0.00	46.93 -1.60 0.00	49.14 -2.15 0.00	52.25 -2.40 0.00	48.05 -2.10 0.00	45.25 -2.13 0.00	42.93 -2.21 0.00	37.59 -2.23 0.00	34.43 -1.89 0.00	52.31 -1.41 -18.56
OSWEGO___5 23606	33.45 -0.96 0.00	32.19 -0.89 0.00	32.05 -0.96 0.00	31.14 -0.86 0.00	32.39 -0.93 0.00	34.29 -0.92 0.00	39.98 -1.07 0.00	45.85 -1.42 0.00	45.43 -1.31 0.00	46.87 -1.30 0.00	48.59 -1.35 0.00	47.40 -1.52 0.00	47.76 -1.73 0.00	47.13 -1.86 0.00	45.69 -1.80 0.00	46.63 -1.89 0.00	49.29 -2.00 0.00	52.52 -2.13 0.00	48.14 -2.01 0.00	45.48 -1.90 0.00	43.47 -1.67 0.00	38.43 -1.39 0.00	35.12 -1.20 0.00	33.99 -1.16 0.00

OSWEGO___6 23613	33.45 -0.96 0.00	32.19 -0.89 0.00	32.05 -0.96 0.00	31.14 -0.86 0.00	32.39 -0.93 0.00	34.29 -0.92 0.00	39.98 -1.07 0.00	45.85 -1.42 0.00	45.43 -1.31 0.00	46.87 -1.30 0.00	48.59 -1.35 0.00	47.40 -1.52 0.00	47.76 -1.73 0.00	47.13 -1.86 0.00	45.69 -1.80 0.00	46.63 -1.89 0.00	49.29 -2.00 0.00	52.52 -2.13 0.00	48.14 -2.01 0.00	45.48 -1.90 0.00	43.47 -1.67 0.00	38.43 -1.39 0.00	35.12 -1.20 0.00	33.99 -1.16 0.00
OUTOKUMPU-AB___DRP 24206	33.56 -0.86 0.00	32.22 -0.86 0.00	31.99 -1.02 0.00	31.26 -0.74 0.00	32.56 -0.77 0.00	34.82 -0.39 0.00	40.31 -0.74 0.00	44.10 -3.17 0.00	44.64 -2.10 0.00	46.43 -1.73 0.00	48.19 -1.75 0.00	46.27 -2.64 0.00	46.23 -3.27 0.00	45.51 -3.48 0.00	43.74 -3.75 0.00	44.26 -4.27 0.00	46.42 -4.87 0.00	49.13 -5.52 0.00	44.78 -5.37 0.00	42.31 -5.07 0.00	40.04 -5.10 0.00	35.84 -3.98 0.00	33.78 -2.54 0.00	33.01 -2.14 0.00
OXBOW___BTM 323836	33.04 -1.38 0.00	31.99 -1.09 0.00	31.56 -1.45 0.00	30.85 -1.15 0.00	32.09 -1.23 0.00	34.40 -0.81 0.00	39.77 -1.27 0.00	43.39 -3.88 0.00	43.89 -2.85 0.00	45.71 -2.45 0.00	47.34 -2.60 0.00	45.44 -3.47 0.00	45.44 -4.06 0.00	44.78 -4.21 0.00	43.02 -4.47 0.00	43.58 -4.95 0.00	45.91 -5.39 0.00	48.37 -6.28 0.00	44.13 -6.02 0.00	41.74 -5.64 0.00	39.50 -5.64 0.00	35.32 -4.50 0.00	33.34 -2.98 0.00	32.59 -2.56 0.00
OXBOW____ 24026	33.11 -1.31 0.00	31.76 -1.32 0.00	31.56 -1.45 0.00	30.85 -1.15 0.00	32.12 -1.20 0.00	34.33 -0.88 0.00	39.73 -1.31 0.00	43.35 -3.92 0.00	43.89 -2.85 0.00	45.71 -2.46 0.00	47.34 -2.60 0.00	45.49 -3.42 0.00	45.44 -4.06 0.00	44.78 -4.21 0.00	43.03 -4.46 0.00	43.58 -4.95 0.00	45.70 -5.59 0.00	48.37 -6.29 0.00	44.13 -6.02 0.00	41.69 -5.69 0.00	39.45 -5.69 0.00	35.32 -4.50 0.00	33.34 -2.98 0.00	32.59 -2.57 0.00
OXY_CHEM_DSASP 323612	32.53 -1.89 0.00	31.20 -1.89 0.00	31.00 -2.01 0.00	30.30 -1.70 0.00	31.52 -1.80 0.00	33.69 -1.51 0.00	38.95 -2.09 0.00	42.40 -4.87 0.00	43.00 -3.74 0.00	44.70 -3.47 0.00	46.34 -3.60 0.00	44.46 -4.45 0.00	44.45 -5.05 0.00	43.80 -5.19 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.78 -6.51 0.00	47.44 -7.21 0.00	43.28 -6.87 0.00	40.88 -6.49 0.00	38.73 -6.41 0.00	34.64 -5.18 0.00	32.76 -3.56 0.00	32.06 -3.09 0.00
OZONE_PARK_ESR 323760	36.66 2.24 0.00	35.10 2.02 0.00	34.89 1.88 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.14 1.94 0.00	43.26 2.22 0.00	50.30 3.03 0.00	50.70 3.55 -0.40	52.40 3.47 -0.76	54.83 3.40 -1.50	54.61 3.52 -2.18	54.98 3.17 -2.31	54.08 3.28 -1.81	52.19 3.47 -1.24	53.06 3.93 -0.60	55.55 4.26 0.00	59.30 4.65 0.00	54.46 4.31 0.00	51.74 4.36 0.00	49.39 4.24 0.00	43.61 3.78 0.00	39.55 3.23 0.00	38.14 2.99 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	32.53 -1.89 0.00	31.20 -1.89 0.00	31.00 -2.01 0.00	30.30 -1.70 0.00	31.52 -1.80 0.00	33.69 -1.51 0.00	38.95 -2.09 0.00	42.40 -4.87 0.00	43.00 -3.74 0.00	44.70 -3.47 0.00	46.34 -3.60 0.00	44.46 -4.45 0.00	44.45 -5.05 0.00	43.80 -5.19 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.78 -6.51 0.00	47.44 -7.21 0.00	43.28 -6.87 0.00	40.88 -6.49 0.00	38.73 -6.41 0.00	34.64 -5.18 0.00	32.76 -3.56 0.00	32.06 -3.09 0.00
PACKARD__115KV_DUPONT_184 80571	32.53 -1.89 0.00	31.20 -1.89 0.00	31.00 -2.01 0.00	30.30 -1.70 0.00	31.52 -1.80 0.00	33.69 -1.51 0.00	38.95 -2.09 0.00	42.40 -4.87 0.00	43.00 -3.74 0.00	44.70 -3.47 0.00	46.34 -3.60 0.00	44.46 -4.45 0.00	44.45 -5.05 0.00	43.80 -5.19 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.78 -6.51 0.00	47.44 -7.21 0.00	43.28 -6.87 0.00	40.88 -6.49 0.00	38.73 -6.41 0.00	34.64 -5.18 0.00	32.76 -3.56 0.00	32.06 -3.09 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.59 2.17 0.00	35.13 2.05 0.00	34.89 1.88 0.00	33.57 1.57 0.00	35.02 1.70 0.00	37.00 1.80 0.00	42.89 1.85 0.00	49.59 2.32 0.00	49.90 2.76 -0.40	51.53 2.60 -0.76	53.93 2.50 -1.50	53.73 2.64 -2.17	54.13 2.33 -2.31	53.25 2.45 -1.81	51.43 2.71 -1.24	52.38 3.25 -0.60	55.09 3.80 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.12 3.74 0.00	48.80 3.66 0.00	43.29 3.46 0.00	39.59 3.27 0.00	38.18 3.02 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.97 2.55 0.00	35.46 2.38 0.00	35.22 2.21 0.00	33.92 1.92 0.00	35.36 2.03 0.00	37.39 2.18 0.00	43.30 2.26 0.00	50.06 2.79 0.00	50.37 3.23 -0.40	52.01 3.08 -0.76	54.43 3.00 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.69 2.89 -1.81	51.91 3.18 -1.24	52.87 3.74 -0.60	55.61 4.31 0.00	59.08 4.43 0.00	54.26 4.11 0.00	51.59 4.22 0.00	49.21 4.06 0.00	43.69 3.86 0.00	39.92 3.60 0.00	38.53 3.37 0.00
PATROON__115KV_TB1 80586	35.38 0.96 0.00	33.98 0.89 0.00	33.87 0.86 0.00	32.77 0.77 0.00	34.12 0.80 0.00	35.77 0.56 0.00	41.66 0.62 0.00	48.07 0.80 0.00	47.90 1.08 -0.09	49.34 1.01 -0.16	51.31 1.05 -0.32	50.51 1.13 -0.47	50.89 0.89 -0.50	50.36 0.98 -0.39	48.71 0.95 -0.27	49.77 1.12 -0.13	52.53 1.23 0.00	56.13 1.48 0.00	51.50 1.35 0.00	48.70 1.33 0.00	46.45 1.31 0.00	40.90 1.08 0.00	37.19 0.87 0.00	35.96 0.81 0.00
PATTRSNVILLE__SOLAR 323815	35.69 1.27 0.00	34.31 1.22 0.00	34.23 1.22 0.00	33.12 1.12 0.00	34.52 1.20 0.00	36.47 1.27 0.00	42.57 1.52 0.00	49.07 1.80 0.00	48.78 1.96 -0.07	50.18 1.88 -0.14	52.01 1.80 -0.28	51.13 1.81 -0.40	51.55 1.63 -0.43	50.99 1.67 -0.33	49.33 1.62 -0.23	50.53 1.89 -0.11	53.45 2.15 0.00	57.12 2.46 0.00	52.41 2.26 0.00	49.56 2.18 0.00	47.22 2.08 0.00	41.57 1.75 0.00	37.81 1.49 0.00	36.52 1.37 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	34.73 0.31 0.00	33.35 0.26 0.00	33.14 0.13 0.00	32.42 0.42 0.00	33.76 0.43 0.00	36.02 0.81 0.00	41.83 0.78 0.00	46.04 -1.23 0.00	46.51 -0.23 0.00	48.31 0.14 0.00	50.14 0.20 0.00	48.28 -0.64 0.00	48.21 -1.29 0.00	47.47 -1.52 0.00	45.64 -1.85 0.00	46.20 -2.33 0.00	48.42 -2.87 0.00	51.26 -3.39 0.00	46.69 -3.46 0.00	44.06 -3.32 0.00	41.57 -3.57 0.00	37.35 -2.47 0.00	35.09 -1.23 0.00	34.20 -0.95 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	36.62 2.20 0.00	35.03 1.95 0.00	34.86 1.85 0.00	33.63 1.63 0.00	35.09 1.77 0.00	37.14 1.94 0.00	43.39 2.34 0.00	50.25 2.98 0.00	50.48 3.55 -0.18	51.88 3.37 -0.34	54.06 3.45 -0.68	53.32 3.42 -0.98	53.66 3.12 -1.04	53.04 3.23 -0.82	51.37 3.32 -0.56	52.58 3.79 -0.27	55.45 4.15 0.00	59.25 4.59 0.00	54.41 4.26 0.00	51.59 4.22 0.00	49.25 4.11 0.00	43.33 3.50 0.00	39.37 3.05 0.00	37.90 2.74 0.00
PEEKSKILL____ 23653	36.10 1.69 0.00	34.50 1.42 0.00	34.40 1.39 0.00	33.21 1.22 0.00	34.62 1.30 0.00	36.54 1.34 0.00	42.57 1.52 0.00	49.35 2.08 0.00	49.74 2.57 -0.43	51.44 2.46 -0.82	54.04 2.50 -1.61	53.89 2.64 -2.34	54.31 2.33 -2.49	53.34 2.40 -1.95	51.38 2.56 -1.33	52.14 2.96 -0.65	54.58 3.29 0.00	58.37 3.72 0.00	53.56 3.41 0.00	50.79 3.41 0.00	48.44 3.29 0.00	42.77 2.95 0.00	38.86 2.54 0.00	37.47 2.32 0.00

PGE MADISON___WINDPWR 24146	36.52 2.10 0.00	35.13 2.05 0.00	35.02 2.01 0.00	34.08 2.08 0.00	35.59 2.27 0.00	38.13 2.92 0.00	44.74 3.70 0.00	55.59 8.32 0.00	55.21 8.51 0.04	57.04 8.96 0.08	59.26 9.49 0.16	57.53 8.86 0.24	57.76 8.52 0.25	57.51 8.72 0.20	55.33 7.98 0.14	56.56 8.10 0.07	59.40 8.10 0.00	58.97 4.32 0.00	54.16 4.01 0.00	51.17 3.79 0.00	48.44 3.29 0.00	42.61 2.79 0.00	38.79 2.47 0.00	37.44 2.28 0.00
PIERCEFIELD___HYD 23852	33.56 -0.86 0.00	32.29 -0.79 0.00	32.25 -0.76 0.00	31.23 -0.77 0.00	32.16 -1.17 0.00	34.50 -0.70 0.00	39.69 -1.35 0.00	46.47 -0.80 0.00	45.67 -1.08 0.00	47.20 -0.96 0.00	50.34 0.40 0.00	49.26 0.34 0.00	50.24 0.74 0.00	49.77 0.78 0.00	46.64 -0.85 0.00	46.78 -1.75 0.00	48.94 -2.36 0.00	52.20 -2.46 0.00	47.79 -2.36 0.00	44.91 -2.46 0.00	42.52 -2.62 0.00	37.07 -2.75 0.00	34.03 -2.29 0.00	61.06 -1.44 -27.35
PINELAWN_CC_1 323563	37.00 2.58 0.00	35.07 1.98 0.00	34.69 1.68 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.93 1.72 0.00	42.69 1.64 0.00	49.68 2.41 0.00	50.04 2.90 -0.40	51.72 2.79 -0.76	54.83 3.40 -1.49	55.14 4.06 -2.17	55.12 3.32 -2.31	54.13 3.33 -1.81	52.43 3.71 -1.23	53.54 4.42 -0.60	56.54 5.18 -0.06	60.35 5.68 -0.02	55.43 5.26 -0.02	52.26 4.88 0.00	49.97 4.83 0.00	44.51 4.34 -0.35	39.84 3.52 0.00	38.32 3.17 0.00
PJM_GEN_HTP_PROXY 323702	36.41 2.00 0.00	34.77 1.69 0.00	34.63 1.62 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.83 1.62 0.00	42.94 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	54.43 3.00 -1.50	54.23 3.13 -2.18	54.63 2.82 -2.32	53.69 2.89 -1.81	51.86 3.13 -1.24	52.67 3.54 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.23 2.91 0.00	37.82 2.67 0.00
PJM_GEN_KEystone 24065	34.69 0.27 0.00	33.06 0.23 0.26	32.59 0.07 0.49	32.16 0.16 0.00	33.49 0.17 0.00	35.56 0.35 0.00	41.25 0.21 0.00	46.89 -0.38 0.00	46.44 0.23 0.54	47.44 0.29 1.02	48.19 0.25 2.00	46.06 0.05 2.90	46.01 -0.40 3.09	46.13 -0.44 2.42	45.51 -0.33 1.65	47.43 -0.29 0.81	51.04 -0.26 0.00	54.44 -0.22 0.00	49.80 -0.35 0.00	47.14 -0.24 0.00	44.83 -0.31 0.00	39.78 -0.04 0.00	36.61 0.29 0.00	35.43 0.28 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.52 2.10 0.00	34.67 1.59 0.00	34.33 1.32 0.00	33.09 1.09 0.00	34.59 1.27 0.00	36.54 1.34 0.00	42.28 1.23 0.00	49.16 1.89 0.00	49.53 2.38 -0.40	51.14 2.22 -0.76	54.18 2.74 -1.49	54.41 3.33 -2.17	54.47 2.67 -2.31	53.49 2.69 -1.81	51.81 3.09 -1.23	52.77 3.64 -0.60	55.57 4.21 -0.06	59.31 4.64 -0.02	54.53 4.36 -0.02	51.55 4.17 0.00	49.29 4.15 0.00	43.87 3.70 -0.35	39.33 3.01 0.00	37.82 2.67 0.00
PJM_GEN_VFT_PROXY 323633	36.28 1.86 0.00	34.60 1.52 0.00	34.50 1.49 0.00	33.28 1.28 0.00	34.69 1.37 0.00	36.68 1.48 0.00	42.77 1.72 0.00	49.68 2.41 0.00	50.14 2.99 -0.40	51.77 2.84 -0.76	54.18 2.74 -1.50	53.98 2.89 -2.18	54.38 2.57 -2.31	53.49 2.69 -1.81	51.67 2.95 -1.24	52.48 3.35 -0.60	54.79 3.49 0.00	58.48 3.82 0.00	53.81 3.66 0.00	51.17 3.79 0.00	48.84 3.70 0.00	43.09 3.27 0.00	39.12 2.80 0.00	37.72 2.56 0.00
PLATSBURG_115KV_PMLD1 355749	34.04 -0.38 0.00	32.82 -0.26 0.00	32.94 -0.07 0.00	31.97 -0.03 0.00	33.32 0.00 0.00	35.24 0.04 0.00	41.29 0.25 0.00	47.88 0.61 0.00	46.79 0.05 0.00	48.41 0.24 0.00	50.34 0.40 0.00	49.75 0.83 0.00	50.98 1.48 0.00	50.41 1.42 0.00	48.73 1.23 0.00	49.35 0.82 0.00	51.76 0.46 0.00	55.04 0.38 0.00	50.05 -0.10 0.00	46.67 -0.71 0.00	44.15 -0.99 0.00	38.43 -1.39 0.00	34.94 -1.38 0.00	-7.01 -1.23 40.93
PLEASANTVLY___LBMP 24000	36.10 1.69 0.00	34.57 1.49 0.00	34.43 1.42 0.00	33.25 1.25 0.00	34.66 1.33 0.00	36.61 1.41 0.00	42.61 1.56 0.00	49.40 2.13 0.00	49.59 2.57 -0.28	51.15 2.46 -0.53	53.47 2.50 -1.03	53.01 2.59 -1.50	53.37 2.28 -1.60	52.59 2.35 -1.25	50.86 2.52 -0.85	51.81 2.86 -0.42	54.43 3.13 0.00	58.15 3.50 0.00	53.36 3.21 0.00	50.55 3.17 0.00	48.26 3.11 0.00	42.57 2.75 0.00	38.68 2.36 0.00	37.30 2.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.28 1.86 0.00	34.74 1.65 0.00	34.56 1.55 0.00	33.38 1.38 0.00	34.82 1.50 0.00	36.79 1.58 0.00	42.85 1.81 0.00	49.68 2.41 0.00	50.05 2.94 -0.36	51.65 2.79 -0.69	54.14 2.85 -1.35	53.87 2.98 -1.97	54.21 2.62 -2.09	53.32 2.69 -1.64	51.46 2.85 -1.12	52.32 3.25 -0.55	54.89 3.59 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.03 3.65 0.00	48.66 3.52 0.00	42.97 3.15 0.00	39.01 2.69 0.00	37.61 2.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.28 1.86 0.00	34.74 1.65 0.00	34.56 1.55 0.00	33.38 1.38 0.00	34.82 1.50 0.00	36.79 1.58 0.00	42.85 1.81 0.00	49.68 2.41 0.00	50.05 2.94 -0.36	51.65 2.79 -0.69	54.14 2.85 -1.35	53.87 2.98 -1.97	54.21 2.62 -2.09	53.32 2.69 -1.64	51.46 2.85 -1.12	52.32 3.25 -0.55	54.89 3.59 0.00	58.59 3.94 0.00	53.81 3.66 0.00	51.03 3.65 0.00	48.66 3.52 0.00	42.97 3.15 0.00	39.01 2.69 0.00	37.61 2.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.38 1.96 0.00	34.80 1.72 0.00	34.66 1.65 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.90 1.69 0.00	43.06 2.01 0.00	49.82 2.55 0.00	49.94 3.08 -0.11	51.27 2.89 -0.21	53.20 2.85 -0.42	52.51 2.98 -0.61	52.77 2.62 -0.65	52.24 2.74 -0.51	50.73 2.90 -0.35	52.04 3.35 -0.17	55.04 3.74 0.00	58.86 4.21 0.00	53.96 3.81 0.00	51.07 3.70 0.00	48.75 3.61 0.00	42.93 3.11 0.00	39.05 2.72 0.00	37.61 2.46 0.00
POLETTI___ 23519	36.38 1.96 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.89 1.85 0.00	49.82 2.55 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.18	54.53 2.72 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.58 3.45 -0.60	55.04 3.74 0.00	58.75 4.10 0.00	53.96 3.81 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.93 2.78 0.00
POMONA___ESR 323819	36.00 1.58 0.00	34.37 1.29 0.00	34.26 1.25 0.00	33.12 1.12 0.00	34.52 1.20 0.00	36.44 1.23 0.00	42.40 1.35 0.00	49.16 1.89 0.00	48.38 2.34 0.70	49.06 2.22 1.32	49.54 2.19 2.60	47.54 2.40 3.77	47.51 2.03 4.01	47.95 2.11 3.14	47.67 2.33 2.14	50.19 2.72 1.05	54.43 3.13 0.00	58.21 3.55 0.00	53.41 3.26 0.00	50.60 3.22 0.00	48.25 3.11 0.00	42.65 2.83 0.00	38.79 2.47 0.00	37.37 2.22 0.00
PORT_JEFF_3 23555	37.17 2.75 0.00	35.20 2.12 0.00	34.79 1.78 0.00	33.50 1.50 0.00	35.09 1.77 0.00	37.04 1.83 0.00	42.73 1.68 0.00	49.77 2.50 0.00	50.14 2.99 -0.40	51.82 2.89 -0.76	55.13 3.70 -1.49	55.49 4.40 -2.17	55.41 3.61 -2.31	54.37 3.57 -1.81	52.57 3.85 -1.23	53.83 4.71 -0.60	57.00 5.64 -0.06	60.84 6.17 -0.02	55.93 5.76 -0.02	52.59 5.21 0.00	50.29 5.14 0.00	44.79 4.62 -0.35	40.10 3.78 0.00	38.53 3.38 0.00

PORT_JEFF_4 23616	37.17 2.75 0.00	35.20 2.12 0.00	34.79 1.78 0.00	33.50 1.50 0.00	35.09 1.77 0.00	37.04 1.83 0.00	42.73 1.68 0.00	49.77 2.50 0.00	50.14 2.99 -0.40	51.82 2.89 -0.76	55.13 3.70 -1.49	55.49 4.40 -2.17	55.41 3.61 -2.31	54.37 3.57 -1.81	52.57 3.85 -1.23	53.83 4.71 -0.60	57.00 5.64 -0.06	60.84 6.17 -0.02	55.93 5.76 -0.02	52.59 5.21 0.00	50.29 5.14 0.00	44.79 4.62 -0.35	40.10 3.78 0.00	38.53 3.38 0.00
PORT_JEFF_IC 23713	37.21 2.79 0.00	35.33 2.25 0.00	34.83 1.82 0.00	33.54 1.54 0.00	35.06 1.73 0.00	37.04 1.83 0.00	42.89 1.85 0.00	49.96 2.69 0.00	50.32 3.18 -0.40	51.91 2.99 -0.76	55.23 3.80 -1.49	55.54 4.45 -2.17	55.47 3.66 -2.31	54.57 3.77 -1.81	52.62 3.89 -1.23	53.88 4.76 -0.60	57.11 5.75 -0.06	60.95 6.29 -0.02	55.98 5.82 -0.02	52.68 5.31 0.00	50.38 5.24 0.00	44.87 4.70 -0.35	40.17 3.85 0.00	38.56 3.41 0.00
PPL_PILGRIM_ST_GT1 24216	37.21 2.79 0.00	35.26 2.18 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.12 1.80 0.00	37.11 1.90 0.00	42.90 1.85 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	52.01 3.09 -0.76	55.33 3.90 -1.49	55.68 4.60 -2.17	55.56 3.76 -2.31	54.52 3.72 -1.81	52.81 4.08 -1.23	53.98 4.85 -0.60	57.11 5.74 -0.06	60.95 6.28 -0.02	56.03 5.86 -0.02	52.73 5.35 0.00	50.38 5.23 0.00	44.87 4.70 -0.35	40.13 3.81 0.00	38.60 3.45 0.00
PPL_PILGRIM_ST_GT2 24217	37.21 2.79 0.00	35.26 2.18 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.12 1.80 0.00	37.11 1.90 0.00	42.90 1.85 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	52.01 3.09 -0.76	55.33 3.90 -1.49	55.68 4.60 -2.17	55.56 3.76 -2.31	54.52 3.72 -1.81	52.81 4.08 -1.23	53.98 4.85 -0.60	57.11 5.74 -0.06	60.95 6.28 -0.02	56.03 5.86 -0.02	52.73 5.35 0.00	50.38 5.23 0.00	44.87 4.70 -0.35	40.13 3.81 0.00	38.60 3.45 0.00
PPL_SHRM_GT3 24213	37.31 2.89 0.00	35.30 2.22 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.16 1.83 0.00	37.11 1.90 0.00	42.85 1.80 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	52.01 3.09 -0.76	55.33 3.90 -1.49	55.78 4.70 -2.17	55.61 3.81 -2.31	54.57 3.77 -1.81	52.48 3.75 -1.23	54.08 4.95 -0.60	57.41 6.05 -0.06	61.28 6.61 -0.02	56.33 6.17 -0.02	52.97 5.59 0.00	50.65 5.51 0.00	45.07 4.90 -0.35	40.21 3.89 0.00	38.67 3.51 0.00
PPL_SHRM_GT4 24214	37.31 2.89 0.00	35.30 2.22 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.16 1.83 0.00	37.11 1.90 0.00	42.85 1.80 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	52.01 3.09 -0.76	55.33 3.90 -1.49	55.78 4.70 -2.17	55.61 3.81 -2.31	54.57 3.77 -1.81	52.48 3.75 -1.23	54.08 4.95 -0.60	57.41 6.05 -0.06	61.28 6.61 -0.02	56.33 6.17 -0.02	52.97 5.59 0.00	50.65 5.51 0.00	45.07 4.90 -0.35	40.21 3.89 0.00	38.67 3.51 0.00
PROJECT___ORANGE 1 24174	33.87 -0.55 0.00	32.49 -0.60 0.00	32.42 -0.59 0.00	31.46 -0.54 0.00	32.72 -0.60 0.00	34.68 -0.53 0.00	40.47 -0.57 0.00	46.42 -0.85 0.00	46.09 -0.65 0.00	47.59 -0.58 0.00	49.34 -0.60 0.00	48.18 -0.73 0.00	48.56 -0.94 0.00	47.91 -1.08 0.00	46.45 -1.04 0.00	47.41 -1.12 0.00	50.07 -1.23 0.00	53.40 -1.26 0.00	48.90 -1.25 0.00	46.19 -1.18 0.00	44.06 -1.08 0.00	38.95 -0.88 0.00	35.60 -0.73 0.00	34.42 -0.74 0.00
PROJECT___ORANGE 2 24166	33.87 -0.55 0.00	32.49 -0.60 0.00	32.42 -0.59 0.00	31.46 -0.54 0.00	32.72 -0.60 0.00	34.68 -0.53 0.00	40.47 -0.57 0.00	46.42 -0.85 0.00	46.09 -0.65 0.00	47.59 -0.58 0.00	49.34 -0.60 0.00	48.18 -0.73 0.00	48.56 -0.94 0.00	47.91 -1.08 0.00	46.45 -1.04 0.00	47.41 -1.12 0.00	50.07 -1.23 0.00	53.40 -1.26 0.00	48.90 -1.25 0.00	46.19 -1.18 0.00	44.06 -1.08 0.00	38.95 -0.88 0.00	35.60 -0.73 0.00	34.42 -0.74 0.00
PUCKETT___SOLAR 323809	35.21 0.79 0.00	33.84 0.76 0.00	33.70 0.69 0.00	32.74 0.74 0.00	34.09 0.77 0.00	36.23 1.02 0.00	42.28 1.23 0.00	48.92 1.65 0.00	48.62 1.92 0.04	50.16 2.07 0.08	51.98 2.19 0.15	50.60 1.91 0.22	50.89 1.63 0.23	50.37 1.57 0.18	48.84 1.47 0.12	49.97 1.51 0.06	52.83 1.54 0.00	55.86 1.20 0.00	51.15 1.00 0.00	48.33 0.95 0.00	45.96 0.81 0.00	40.58 0.75 0.00	37.12 0.80 0.00	35.89 0.74 0.00
PYRITES___HYD 24023	34.38 -0.03 0.00	33.05 -0.03 0.00	32.98 -0.03 0.00	31.97 -0.03 0.00	32.92 -0.40 0.00	35.38 0.18 0.00	40.88 -0.16 0.00	47.88 0.61 0.00	47.12 0.37 0.00	48.70 0.53 0.00	51.89 1.95 0.00	50.58 1.66 0.00	51.57 2.08 0.00	51.15 2.16 0.00	47.87 0.38 0.00	48.09 -0.44 0.00	50.32 -0.97 0.00	53.73 -0.93 0.00	49.25 -0.90 0.00	46.34 -1.04 0.00	43.83 -1.31 0.00	38.11 -1.71 0.00	34.94 -1.38 0.00	61.90 -0.60 -27.35
QUAKERRD_115KV_BK1 80622	32.73 -1.69 0.00	31.36 -1.72 0.00	31.19 -1.82 0.00	30.40 -1.60 0.00	31.66 -1.67 0.00	33.76 -1.44 0.00	39.24 -1.81 0.00	44.29 -2.98 0.00	44.27 -2.48 0.00	45.90 -2.26 0.00	47.59 -2.35 0.00	46.13 -2.79 0.00	46.43 -3.07 0.00	45.81 -3.18 0.00	44.21 -3.28 0.00	44.98 -3.54 0.00	47.45 -3.85 0.00	50.61 -4.04 0.00	46.19 -3.96 0.00	43.64 -3.74 0.00	41.44 -3.70 0.00	36.72 -3.11 0.00	33.89 -2.43 0.00	32.87 -2.28 0.00
QUEENSBRY_115KV_TB8 356137	37.03 2.62 0.00	35.63 2.55 0.00	35.45 2.44 0.00	34.24 2.24 0.00	35.72 2.40 0.00	37.88 2.68 0.00	44.37 3.32 0.00	51.15 3.88 0.00	51.08 4.25 -0.08	52.71 4.38 -0.16	54.60 4.34 -0.32	53.83 4.45 -0.46	54.09 4.11 -0.49	53.54 4.16 -0.38	51.55 3.80 -0.26	52.73 4.08 -0.13	55.71 4.41 0.00	59.63 4.97 0.00	54.71 4.56 0.00	51.69 4.31 0.00	49.16 4.02 0.00	43.13 3.31 0.00	39.05 2.72 0.00	37.68 2.53 0.00
RAMAPO___LBMP 323565	35.83 1.41 0.00	34.31 1.22 0.00	34.17 1.16 0.00	33.02 1.02 0.00	34.42 1.10 0.00	36.37 1.16 0.00	42.28 1.23 0.00	49.02 1.75 0.00	48.26 2.20 0.68	48.95 2.07 1.29	49.45 2.05 2.54	47.43 2.20 3.68	47.46 1.88 3.92	47.88 1.96 3.07	47.58 2.18 2.09	50.03 2.52 1.02	54.27 2.98 0.00	58.04 3.39 0.00	53.26 3.11 0.00	50.46 3.08 0.00	48.12 2.98 0.00	42.53 2.71 0.00	38.68 2.36 0.00	37.26 2.11 0.00
RANKINE____ 23646	34.04 -0.38 0.00	32.69 -0.40 0.00	32.48 -0.53 0.00	31.74 -0.26 0.00	33.06 -0.27 0.00	35.31 0.11 0.00	40.96 -0.08 0.00	44.95 -2.32 0.00	45.43 -1.31 0.00	47.25 -0.92 0.00	48.99 -0.95 0.00	47.10 -1.81 0.00	47.02 -2.47 0.00	46.30 -2.69 0.00	44.45 -3.04 0.00	44.98 -3.54 0.00	47.14 -4.15 0.00	49.90 -4.75 0.00	45.43 -4.71 0.00	42.92 -4.45 0.00	40.58 -4.56 0.00	36.32 -3.50 0.00	34.18 -2.14 0.00	33.36 -1.79 0.00
RAVENSWOOD_GT2_1 24244	36.41 2.00 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.53 2.72 -2.31	53.64 2.84 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00

RAVENSWOOD_GT2_2 24245	36.41 2.00 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.53 2.72 -2.31	53.64 2.84 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
RAVENSWOOD_GT2_3 24246	36.41 2.00 0.00	34.87 1.79 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.90 1.69 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.98 3.84 0.00	43.25 3.42 0.00	39.26 2.94 0.00	37.86 2.71 0.00
RAVENSWOOD_GT2_4 24247	36.41 2.00 0.00	34.87 1.79 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.90 1.69 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.98 3.84 0.00	43.25 3.42 0.00	39.26 2.94 0.00	37.86 2.71 0.00
RAVENSWOOD_GT3_1 24248	36.41 2.00 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.53 2.72 -2.31	53.64 2.84 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
RAVENSWOOD_GT3_2 24249	36.41 2.00 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.53 2.72 -2.31	53.64 2.84 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
RAVENSWOOD_GT3_3 24250	36.45 2.03 0.00	34.87 1.79 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.90 1.69 0.00	42.98 1.93 0.00	49.92 2.65 0.00	50.32 3.18 -0.40	52.01 3.08 -0.76	54.43 3.00 -1.50	54.22 3.13 -2.17	54.63 2.82 -2.31	53.69 2.89 -1.81	51.86 3.13 -1.24	52.67 3.54 -0.60	55.14 3.85 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.36 3.98 0.00	49.02 3.88 0.00	43.29 3.46 0.00	39.30 2.98 0.00	37.90 2.74 0.00
RAVENSWOOD_GT3_4 24251	36.45 2.03 0.00	34.87 1.79 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.90 1.69 0.00	42.98 1.93 0.00	49.92 2.65 0.00	50.32 3.18 -0.40	52.01 3.08 -0.76	54.43 3.00 -1.50	54.22 3.13 -2.17	54.63 2.82 -2.31	53.69 2.89 -1.81	51.86 3.13 -1.24	52.67 3.54 -0.60	55.14 3.85 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.36 3.98 0.00	49.02 3.88 0.00	43.29 3.46 0.00	39.30 2.98 0.00	37.90 2.74 0.00
RAVENSWOOD_GT_1 23729	36.55 2.13 0.00	35.00 1.92 0.00	34.79 1.78 0.00	33.54 1.54 0.00	34.99 1.67 0.00	36.97 1.76 0.00	42.98 1.93 0.00	49.87 2.60 0.00	50.23 3.08 -0.40	51.87 2.94 -0.76	54.28 2.85 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.54 2.74 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.14 3.85 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.98 3.84 0.00	43.33 3.50 0.00	39.45 3.12 0.00	38.04 2.88 0.00
RAVENSWOOD_GT_10 24258	36.41 2.00 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.91 2.99 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.53 2.72 -2.31	53.64 2.84 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
RAVENSWOOD_GT_11 24259	36.41 2.00 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.91 2.99 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.53 2.72 -2.31	53.64 2.84 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
RAVENSWOOD_GT_4 24252	36.38 1.96 0.00	34.84 1.75 0.00	34.63 1.62 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.69 2.89 -1.81	51.81 3.09 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.23 2.91 0.00	37.83 2.67 0.00
RAVENSWOOD_GT_5 24254	36.38 1.96 0.00	34.84 1.75 0.00	34.63 1.62 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.69 2.89 -1.81	51.81 3.09 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.23 2.91 0.00	37.83 2.67 0.00
RAVENSWOOD_GT_6 24253	36.38 1.96 0.00	34.84 1.75 0.00	34.63 1.62 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.69 2.89 -1.81	51.81 3.09 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.23 2.91 0.00	37.83 2.67 0.00
RAVENSWOOD_GT_7 24255	36.38 1.96 0.00	34.84 1.75 0.00	34.63 1.62 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.69 2.89 -1.81	51.81 3.09 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.23 2.91 0.00	37.83 2.67 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.41 2.00 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.91 2.99 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.53 2.72 -2.31	53.64 2.84 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00

RAVENSWOOD_GT_9 24257	36.41 2.00 0.00	34.84 1.75 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.87 2.60 0.00	50.28 3.13 -0.40	51.91 2.99 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.53 2.72 -2.31	53.64 2.84 -1.81	51.77 3.04 -1.24	52.62 3.49 -0.60	55.09 3.80 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
RAVENSWOOD___1 23533	36.62 2.20 0.00	34.90 1.82 0.00	34.79 1.78 0.00	33.54 1.54 0.00	34.96 1.63 0.00	36.86 1.66 0.00	42.94 1.89 0.00	49.82 2.55 0.00	50.18 3.04 -0.40	51.87 2.94 -0.76	54.28 2.84 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.77 3.04 -1.24	52.58 3.45 -0.60	55.09 3.80 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.26 3.89 0.00	48.98 3.83 0.00	43.29 3.46 0.00	39.41 3.09 0.00	38.00 2.85 0.00
RAVENSWOOD___2 23534	36.59 2.17 0.00	34.90 1.82 0.00	34.76 1.75 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.86 1.66 0.00	42.94 1.89 0.00	49.77 2.50 0.00	50.18 3.04 -0.40	51.87 2.94 -0.76	54.28 2.84 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.54 2.74 -1.81	51.77 3.04 -1.24	52.58 3.45 -0.60	55.09 3.80 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.25 3.43 0.00	39.41 3.09 0.00	38.00 2.85 0.00
RAVENSWOOD___3 23535	36.45 2.03 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.44 1.44 0.00	34.86 1.53 0.00	36.83 1.62 0.00	42.94 1.89 0.00	49.82 2.55 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.38 2.95 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.64 2.84 -1.81	51.81 3.09 -1.24	52.63 3.50 -0.60	55.04 3.74 0.00	58.81 4.15 0.00	54.01 3.86 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.21 3.38 0.00	39.26 2.94 0.00	37.86 2.71 0.00
RAVENSWOOD___4 23820	36.59 2.17 0.00	34.87 1.79 0.00	34.76 1.75 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.86 1.66 0.00	42.94 1.89 0.00	49.77 2.50 0.00	50.14 2.99 -0.40	51.82 2.89 -0.76	54.23 2.79 -1.50	54.07 2.98 -2.17	54.48 2.67 -2.31	53.54 2.74 -1.81	51.77 3.04 -1.24	52.58 3.45 -0.60	55.09 3.80 0.00	58.76 4.10 0.00	53.96 3.81 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.25 3.43 0.00	39.37 3.05 0.00	38.00 2.85 0.00
RCPI_TRUST___DRP 24196	36.41 2.00 0.00	34.87 1.79 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.90 1.69 0.00	42.98 1.93 0.00	49.96 2.69 0.00	50.37 3.23 -0.40	52.06 3.13 -0.76	54.53 3.10 -1.50	54.32 3.23 -2.18	54.68 2.87 -2.32	53.79 2.99 -1.81	51.91 3.18 -1.24	52.77 3.64 -0.60	55.19 3.90 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.36 3.98 0.00	49.02 3.88 0.00	43.25 3.42 0.00	39.30 2.98 0.00	37.90 2.74 0.00
RED___ROCHESTER 323720	33.49 -0.93 0.00	32.26 -0.83 0.00	31.92 -1.09 0.00	31.14 -0.86 0.00	32.43 -0.90 0.00	34.68 -0.53 0.00	40.27 -0.78 0.00	45.24 -2.03 0.00	45.29 -1.45 0.00	47.06 -1.11 0.00	48.79 -1.15 0.00	47.20 -1.71 0.00	47.46 -2.03 0.00	46.84 -2.15 0.00	45.16 -2.33 0.00	45.90 -2.62 0.00	48.48 -2.82 0.00	51.60 -3.06 0.00	47.04 -3.11 0.00	44.49 -2.89 0.00	42.16 -2.98 0.00	37.35 -2.47 0.00	34.61 -1.71 0.00	33.57 -1.58 0.00
REGAN___SOLAR 323812	36.86 2.44 0.00	35.43 2.35 0.00	35.29 2.28 0.00	34.14 2.14 0.00	35.59 2.27 0.00	37.85 2.64 0.00	44.29 3.24 0.00	50.96 3.69 0.00	50.64 3.83 -0.06	51.95 3.66 -0.12	53.78 3.60 -0.24	52.79 3.52 -0.35	53.18 3.32 -0.37	52.56 3.28 -0.29	50.73 3.04 -0.20	52.16 3.54 -0.10	55.30 4.00 0.00	59.25 4.59 0.00	54.46 4.31 0.00	51.50 4.12 0.00	48.93 3.79 0.00	43.09 3.27 0.00	39.05 2.73 0.00	37.65 2.50 0.00
RENSSELAER___COGEN 23796	35.28 0.86 0.00	33.81 0.73 0.00	33.77 0.76 0.00	32.64 0.64 0.00	34.03 0.70 0.00	35.63 0.42 0.00	41.46 0.41 0.00	47.88 0.61 0.00	47.72 0.89 -0.09	49.10 0.77 -0.17	51.02 0.75 -0.33	50.27 0.88 -0.48	50.60 0.60 -0.51	50.12 0.74 -0.40	48.52 0.76 -0.27	49.53 0.87 -0.13	52.32 1.03 0.00	55.86 1.20 0.00	51.30 1.15 0.00	48.51 1.14 0.00	46.27 1.13 0.00	40.74 0.92 0.00	37.09 0.76 0.00	35.89 0.74 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.48 4.06 0.00	37.02 3.94 0.00	36.77 3.76 0.00	35.52 3.52 0.00	37.06 3.73 0.00	39.47 4.26 0.00	46.38 5.34 0.00	53.41 6.15 0.00	53.47 6.64 -0.09	55.26 6.94 -0.16	56.60 6.34 -0.32	55.78 6.41 -0.46	56.02 6.04 -0.49	55.45 6.07 -0.38	53.21 5.46 -0.26	54.53 5.87 -0.13	57.61 6.31 0.00	61.71 7.05 0.00	56.62 6.47 0.00	53.44 6.06 0.00	50.74 5.60 0.00	44.40 4.58 0.00	40.14 3.81 0.00	38.70 3.55 0.00
REVERE_CPFR_DRP 24186	35.21 0.79 0.00	33.81 0.73 0.00	33.67 0.66 0.00	32.64 0.64 0.00	33.99 0.67 0.00	36.19 0.99 0.00	42.36 1.31 0.00	48.88 1.61 0.00	48.57 1.82 0.00	50.19 2.02 0.00	52.19 2.25 0.00	50.87 1.96 0.00	51.38 1.88 0.00	50.85 1.86 0.00	49.01 1.52 0.00	50.08 1.55 0.00	52.73 1.44 0.00	56.18 1.53 0.00	51.50 1.35 0.00	48.70 1.33 0.00	46.32 1.17 0.00	40.78 0.96 0.00	37.16 0.84 0.00	38.27 0.77 -2.35
REYNOLDS_115KV_TB3 80639	35.49 1.07 0.00	34.07 0.99 0.00	33.97 0.96 0.00	32.86 0.86 0.00	34.26 0.93 0.00	35.98 0.77 0.00	41.83 0.78 0.00	48.26 0.99 0.00	48.14 1.31 -0.09	49.54 1.20 -0.17	51.52 1.25 -0.34	50.72 1.32 -0.49	51.06 1.04 -0.52	50.52 1.13 -0.41	48.96 1.19 -0.28	49.97 1.31 -0.14	52.78 1.49 0.00	56.35 1.69 0.00	51.70 1.55 0.00	48.94 1.56 0.00	46.68 1.53 0.00	41.14 1.31 0.00	37.41 1.09 0.00	36.24 1.09 0.00
RIVERBAY____ 323610	36.97 2.55 0.00	35.46 2.38 0.00	35.22 2.21 0.00	33.92 1.92 0.00	35.36 2.03 0.00	37.39 2.18 0.00	43.30 2.26 0.00	50.06 2.79 0.00	50.37 3.23 -0.40	52.01 3.08 -0.76	54.43 3.00 -1.50	54.17 3.08 -2.17	54.58 2.77 -2.31	53.69 2.89 -1.81	51.91 3.18 -1.24	52.87 3.74 -0.60	55.61 4.31 0.00	59.08 4.43 0.00	54.26 4.11 0.00	51.59 4.22 0.00	49.21 4.06 0.00	43.69 3.86 0.00	39.92 3.60 0.00	38.53 3.37 0.00
RIVERSIDE_115KV_TB3 55908	35.38 0.96 0.00	33.98 0.89 0.00	33.87 0.86 0.00	32.77 0.77 0.00	34.16 0.83 0.00	35.80 0.60 0.00	41.66 0.62 0.00	48.12 0.85 0.00	47.91 1.08 -0.09	49.35 1.01 -0.17	51.32 1.05 -0.33	50.52 1.13 -0.48	50.90 0.89 -0.51	50.37 0.98 -0.40	48.76 1.00 -0.27	49.78 1.12 -0.13	52.58 1.28 0.00	56.13 1.48 0.00	51.50 1.35 0.00	48.70 1.33 0.00	46.45 1.31 0.00	40.94 1.12 0.00	37.23 0.91 0.00	36.03 0.88 0.00
ROARING___BROOK_WT_PWR 323790	33.45 -0.96 0.00	32.22 -0.86 0.00	32.22 -0.79 0.00	31.30 -0.70 0.00	32.69 -0.63 0.00	34.64 -0.56 0.00	40.56 -0.49 0.00	46.94 -0.33 0.00	46.28 -0.47 0.00	47.78 -0.39 0.00	49.59 -0.35 0.00	48.72 -0.19 0.00	49.50 0.00 0.00	48.94 -0.05 0.00	47.35 -0.14 0.00	48.19 -0.34 0.00	50.73 -0.56 0.00	53.94 -0.71 0.00	49.45 -0.70 0.00	46.57 -0.81 0.00	44.19 -0.95 0.00	38.83 -0.99 0.00	35.34 -0.98 0.00	33.05 -0.91 1.19

ROCHESRG_115KV_T4 355643	33.21 -1.20 0.00	31.82 -1.26 0.00	31.66 -1.35 0.00	30.85 -1.15 0.00	32.12 -1.20 0.00	34.29 -0.92 0.00	39.82 -1.23 0.00	44.67 -2.60 0.00	44.78 -1.96 0.00	46.43 -1.73 0.00	48.14 -1.80 0.00	46.62 -2.30 0.00	46.82 -2.67 0.00	46.20 -2.79 0.00	44.55 -2.94 0.00	45.32 -3.20 0.00	47.76 -3.54 0.00	50.88 -3.77 0.00	46.44 -3.71 0.00	43.92 -3.46 0.00	41.67 -3.48 0.00	36.96 -2.87 0.00	34.25 -2.07 0.00	33.26 -1.90 0.00
ROCHESTER_9_IC 23652	33.39 -1.03 0.00	31.99 -1.09 0.00	31.79 -1.22 0.00	31.01 -0.99 0.00	32.29 -1.03 0.00	34.47 -0.74 0.00	40.06 -0.99 0.00	44.95 -2.32 0.00	45.06 -1.68 0.00	46.77 -1.40 0.00	48.49 -1.45 0.00	46.91 -2.01 0.00	47.17 -2.33 0.00	46.54 -2.45 0.00	44.88 -2.61 0.00	45.61 -2.91 0.00	48.06 -3.23 0.00	51.27 -3.39 0.00	46.79 -3.36 0.00	44.20 -3.17 0.00	41.94 -3.21 0.00	37.15 -2.67 0.00	34.43 -1.89 0.00	33.43 -1.72 0.00
ROCKVIEW_13_KV_LD 356306	36.38 1.96 0.00	34.84 1.75 0.00	34.63 1.62 0.00	33.44 1.44 0.00	34.89 1.57 0.00	36.86 1.65 0.00	42.93 1.89 0.00	49.82 2.55 0.00	50.23 3.08 -0.40	51.91 2.99 -0.76	54.43 3.00 -1.50	54.22 3.13 -2.18	54.58 2.77 -2.31	53.69 2.89 -1.81	51.77 3.04 -1.24	52.58 3.45 -0.60	55.14 3.85 0.00	58.86 4.21 0.00	54.06 3.91 0.00	51.26 3.89 0.00	48.89 3.75 0.00	43.17 3.35 0.00	39.19 2.87 0.00	37.76 2.60 0.00
ROME____115KV_TB2 80656	35.21 0.79 0.00	33.81 0.73 0.00	33.67 0.66 0.00	32.64 0.64 0.00	33.99 0.67 0.00	36.19 0.99 0.00	42.36 1.31 0.00	48.88 1.61 0.00	48.57 1.82 0.00	50.19 2.02 0.00	52.19 2.25 0.00	50.87 1.96 0.00	51.38 1.88 0.00	50.85 1.86 0.00	49.01 1.52 0.00	50.08 1.55 0.00	52.73 1.44 0.00	56.18 1.53 0.00	51.50 1.35 0.00	48.70 1.33 0.00	46.32 1.17 0.00	40.78 0.96 0.00	37.16 0.84 0.00	38.27 0.77 -2.35
ROSETON___1 23587	35.66 1.24 0.00	34.07 0.99 0.00	33.97 0.96 0.00	32.86 0.86 0.00	34.26 0.93 0.00	36.16 0.95 0.00	42.07 1.03 0.00	48.74 1.47 0.00	48.08 1.87 0.54	48.88 1.73 1.01	49.69 1.75 1.99	47.93 1.91 2.89	48.00 1.58 3.08	48.25 1.67 2.41	47.70 1.85 1.64	49.91 2.19 0.80	54.32 3.03 0.00	58.04 3.39 0.00	53.26 3.11 0.00	50.46 3.08 0.00	48.17 3.02 0.00	42.53 2.71 0.00	38.65 2.33 0.00	37.26 2.11 0.00
ROSETON___2 23588	35.66 1.24 0.00	34.07 0.99 0.00	33.97 0.96 0.00	32.86 0.86 0.00	34.26 0.93 0.00	36.16 0.95 0.00	42.07 1.03 0.00	48.74 1.47 0.00	48.08 1.87 0.54	48.88 1.73 1.01	49.69 1.75 1.99	47.93 1.91 2.89	48.00 1.58 3.08	48.25 1.67 2.41	47.70 1.85 1.64	49.91 2.19 0.80	54.32 3.03 0.00	58.04 3.39 0.00	53.26 3.11 0.00	50.46 3.08 0.00	48.17 3.02 0.00	42.53 2.71 0.00	38.65 2.33 0.00	37.26 2.11 0.00
ROTRRDAM_115KV_TB3 80664	35.42 1.00 0.00	34.04 0.96 0.00	33.97 0.96 0.00	32.86 0.86 0.00	34.26 0.93 0.00	36.16 0.95 0.00	42.15 1.11 0.00	48.59 1.32 0.00	48.32 1.50 -0.08	49.81 1.49 -0.15	51.68 1.45 -0.29	50.85 1.52 -0.42	51.23 1.29 -0.45	50.71 1.37 -0.35	49.06 1.33 -0.24	50.15 1.50 -0.12	52.94 1.64 0.00	56.51 1.86 0.00	51.85 1.71 0.00	49.04 1.66 0.00	46.72 1.58 0.00	41.22 1.39 0.00	37.48 1.16 0.00	36.24 1.09 0.00
RUSSELL___1 23602	33.52 -0.89 0.00	32.12 -0.96 0.00	31.92 -1.09 0.00	31.14 -0.86 0.00	32.42 -0.90 0.00	34.64 -0.56 0.00	40.27 -0.78 0.00	45.24 -2.03 0.00	45.34 -1.40 0.00	47.06 -1.11 0.00	48.79 -1.15 0.00	47.20 -1.71 0.00	47.47 -2.03 0.00	46.83 -2.16 0.00	45.16 -2.33 0.00	45.91 -2.62 0.00	48.37 -2.92 0.00	51.59 -3.06 0.00	47.04 -3.11 0.00	44.49 -2.89 0.00	42.16 -2.98 0.00	37.35 -2.47 0.00	34.61 -1.71 0.00	33.57 -1.58 0.00
RUSSELL___2 23532	33.52 -0.89 0.00	32.12 -0.96 0.00	31.92 -1.09 0.00	31.14 -0.86 0.00	32.42 -0.90 0.00	34.64 -0.56 0.00	40.27 -0.78 0.00	45.24 -2.03 0.00	45.34 -1.40 0.00	47.06 -1.11 0.00	48.79 -1.15 0.00	47.20 -1.71 0.00	47.47 -2.03 0.00	46.83 -2.16 0.00	45.16 -2.33 0.00	45.91 -2.62 0.00	48.37 -2.92 0.00	51.59 -3.06 0.00	47.04 -3.11 0.00	44.49 -2.89 0.00	42.16 -2.98 0.00	37.35 -2.47 0.00	34.61 -1.71 0.00	33.57 -1.58 0.00
RUSSELL___3 23549	33.52 -0.89 0.00	32.12 -0.96 0.00	31.92 -1.09 0.00	31.14 -0.86 0.00	32.42 -0.90 0.00	34.64 -0.56 0.00	40.27 -0.78 0.00	45.24 -2.03 0.00	45.34 -1.40 0.00	47.06 -1.11 0.00	48.79 -1.15 0.00	47.20 -1.71 0.00	47.47 -2.03 0.00	46.83 -2.16 0.00	45.16 -2.33 0.00	45.91 -2.62 0.00	48.37 -2.92 0.00	51.59 -3.06 0.00	47.04 -3.11 0.00	44.49 -2.89 0.00	42.16 -2.98 0.00	37.35 -2.47 0.00	34.61 -1.71 0.00	33.57 -1.58 0.00
RUSSELL___4 23556	33.52 -0.89 0.00	32.12 -0.96 0.00	31.92 -1.09 0.00	31.14 -0.86 0.00	32.42 -0.90 0.00	34.64 -0.56 0.00	40.27 -0.78 0.00	45.24 -2.03 0.00	45.34 -1.40 0.00	47.06 -1.11 0.00	48.79 -1.15 0.00	47.20 -1.71 0.00	47.47 -2.03 0.00	46.83 -2.16 0.00	45.16 -2.33 0.00	45.91 -2.62 0.00	48.37 -2.92 0.00	51.59 -3.06 0.00	47.04 -3.11 0.00	44.49 -2.89 0.00	42.16 -2.98 0.00	37.35 -2.47 0.00	34.61 -1.71 0.00	33.57 -1.58 0.00
RUSSELL___STATION 23914	33.52 -0.89 0.00	32.12 -0.96 0.00	31.92 -1.09 0.00	31.14 -0.86 0.00	32.42 -0.90 0.00	34.64 -0.56 0.00	40.27 -0.78 0.00	45.24 -2.03 0.00	45.34 -1.40 0.00	47.06 -1.11 0.00	48.79 -1.15 0.00	47.20 -1.71 0.00	47.47 -2.03 0.00	46.83 -2.16 0.00	45.16 -2.33 0.00	45.91 -2.62 0.00	48.37 -2.92 0.00	51.59 -3.06 0.00	47.04 -3.11 0.00	44.49 -2.89 0.00	42.16 -2.98 0.00	37.35 -2.47 0.00	34.61 -1.71 0.00	33.57 -1.58 0.00
S SALMON___HYD 24043	33.66 -0.76 0.00	32.35 -0.73 0.00	32.22 -0.79 0.00	31.26 -0.73 0.00	32.49 -0.83 0.00	34.57 -0.63 0.00	40.31 -0.74 0.00	46.42 -0.85 0.00	46.04 -0.70 0.00	47.64 -0.53 0.00	49.49 -0.45 0.00	48.23 -0.68 0.00	48.65 -0.84 0.00	48.06 -0.93 0.00	46.40 -1.09 0.00	47.36 -1.17 0.00	49.96 -1.33 0.00	53.07 -1.59 0.00	48.69 -1.46 0.00	46.00 -1.38 0.00	43.93 -1.22 0.00	38.79 -1.04 0.00	35.41 -0.91 0.00	37.21 -0.88 -2.93
S.PERRY__115KV_TB1 80734	34.73 0.31 0.00	33.28 0.20 0.00	33.11 0.10 0.00	32.29 0.29 0.00	33.69 0.37 0.00	36.09 0.88 0.00	42.03 0.99 0.00	47.22 -0.05 0.00	47.26 0.51 0.00	48.89 0.72 0.00	50.59 0.65 0.00	48.96 0.05 0.00	49.10 -0.40 0.00	48.25 -0.73 0.00	46.59 -0.90 0.00	47.41 -1.12 0.00	50.01 -1.28 0.00	53.45 -1.20 0.00	48.59 -1.55 0.00	45.86 -1.52 0.00	43.38 -1.76 0.00	38.39 -1.43 0.00	35.52 -0.80 0.00	34.42 -0.74 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.42 -1.00 0.00	32.06 -1.03 0.00	31.85 -1.16 0.00	31.14 -0.86 0.00	32.42 -0.90 0.00	34.64 -0.56 0.00	40.10 -0.94 0.00	43.87 -3.40 0.00	44.41 -2.34 0.00	46.19 -1.97 0.00	47.89 -2.05 0.00	45.98 -2.93 0.00	45.93 -3.56 0.00	45.27 -3.72 0.00	43.50 -3.99 0.00	44.06 -4.46 0.00	46.22 -5.08 0.00	48.91 -5.74 0.00	44.63 -5.52 0.00	42.16 -5.21 0.00	39.86 -5.28 0.00	35.68 -4.14 0.00	33.63 -2.69 0.00	32.87 -2.28 0.00

SAWYER___23_KV_LOAD 55526	33.42 -1.00 0.00	32.06 -1.03 0.00	31.85 -1.16 0.00	31.14 -0.86 0.00	32.42 -0.90 0.00	34.64 -0.56 0.00	40.10 -0.94 0.00	43.87 -3.40 0.00	44.41 -2.34 0.00	46.19 -1.97 0.00	47.89 -2.05 0.00	45.98 -2.93 0.00	45.93 -3.56 0.00	45.27 -3.72 0.00	43.50 -3.99 0.00	44.06 -4.46 0.00	46.22 -5.08 0.00	48.91 -5.74 0.00	44.63 -5.52 0.00	42.16 -5.21 0.00	39.86 -5.28 0.00	35.68 -4.14 0.00	33.63 -2.69 0.00	32.87 -2.28 0.00
SELKIRK___I 23801	35.42 1.00 0.00	34.01 0.92 0.00	33.97 0.96 0.00	32.86 0.86 0.00	34.22 0.90 0.00	35.91 0.70 0.00	41.82 0.78 0.00	48.17 0.90 0.00	47.99 1.17 -0.08	49.42 1.11 -0.15	51.32 1.10 -0.29	50.51 1.17 -0.42	50.88 0.94 -0.44	50.37 1.03 -0.35	48.73 1.00 -0.24	49.76 1.12 -0.12	52.53 1.23 0.00	56.07 1.42 0.00	51.50 1.35 0.00	48.70 1.32 0.00	46.40 1.26 0.00	40.94 1.11 0.00	37.26 0.94 0.00	36.07 0.91 0.00
SELKIRK___II 23799	35.28 0.86 0.00	33.84 0.76 0.00	33.80 0.79 0.00	32.70 0.70 0.00	34.06 0.73 0.00	35.77 0.56 0.00	41.62 0.57 0.00	48.02 0.75 0.00	47.85 1.03 -0.09	49.24 0.91 -0.16	51.15 0.90 -0.32	50.35 0.98 -0.46	50.73 0.74 -0.49	50.21 0.83 -0.38	48.61 0.86 -0.26	49.67 1.02 -0.13	52.48 1.18 0.00	56.02 1.37 0.00	51.40 1.25 0.00	48.61 1.23 0.00	46.36 1.22 0.00	40.86 1.03 0.00	37.19 0.87 0.00	36.00 0.84 0.00
SENECA OSWGO___HYD 24041	33.52 -0.90 0.00	32.19 -0.89 0.00	32.09 -0.92 0.00	31.14 -0.86 0.00	32.36 -0.97 0.00	34.33 -0.88 0.00	40.06 -0.99 0.00	45.95 -1.32 0.00	45.53 -1.22 0.00	47.01 -1.16 0.00	48.74 -1.20 0.00	47.60 -1.32 0.00	47.96 -1.53 0.00	47.32 -1.67 0.00	45.88 -1.61 0.00	46.83 -1.70 0.00	49.50 -1.80 0.00	52.80 -1.86 0.00	48.35 -1.80 0.00	45.67 -1.70 0.00	43.61 -1.53 0.00	38.55 -1.28 0.00	35.23 -1.09 0.00	34.06 -1.09 0.00
SENECA___115KV_TB3 355854	34.11 -0.31 0.00	32.75 -0.33 0.00	32.55 -0.46 0.00	31.81 -0.19 0.00	33.12 -0.20 0.00	35.38 0.18 0.00	41.05 0.00 0.00	45.05 -2.22 0.00	45.53 -1.22 0.00	47.35 -0.82 0.00	49.09 -0.85 0.00	47.20 -1.71 0.00	47.12 -2.38 0.00	46.39 -2.60 0.00	44.55 -2.94 0.00	45.08 -3.45 0.00	47.24 -4.05 0.00	49.95 -4.70 0.00	45.53 -4.61 0.00	42.97 -4.41 0.00	40.63 -4.51 0.00	36.40 -3.42 0.00	34.25 -2.07 0.00	33.43 -1.72 0.00
SENECA___ENERGY 23797	33.97 -0.45 0.00	32.65 -0.43 0.00	32.48 -0.53 0.00	31.62 -0.38 0.00	32.89 -0.43 0.00	35.03 -0.18 0.00	40.88 -0.16 0.00	46.47 -0.80 0.00	46.18 -0.56 0.00	47.78 -0.39 0.00	49.54 -0.40 0.00	48.23 -0.68 0.00	48.45 -1.04 0.00	47.77 -1.22 0.00	46.21 -1.28 0.00	47.07 -1.45 0.00	49.76 -1.54 0.00	53.12 -1.53 0.00	48.59 -1.56 0.00	46.00 -1.38 0.00	43.70 -1.45 0.00	38.67 -1.16 0.00	35.45 -0.87 0.00	34.31 -0.84 0.00
SHOEMAKER___GT 23640	35.59 1.17 0.00	34.04 0.96 0.00	33.97 0.96 0.00	32.83 0.83 0.00	34.22 0.90 0.00	36.16 0.95 0.00	42.07 1.03 0.00	48.69 1.42 0.00	48.04 1.82 0.52	48.87 1.68 0.98	49.65 1.65 1.93	47.92 1.81 2.81	47.99 1.48 2.99	48.22 1.57 2.34	47.65 1.76 1.60	49.83 2.09 0.78	53.86 2.56 0.00	57.60 2.95 0.00	52.86 2.71 0.00	50.03 2.65 0.00	47.71 2.57 0.00	42.13 2.31 0.00	38.32 2.00 0.00	36.98 1.83 0.00
SHOEMAKR_138KV_BK 111 55601	35.59 1.17 0.00	34.07 0.99 0.00	33.97 0.96 0.00	32.83 0.83 0.00	34.22 0.90 0.00	36.16 0.95 0.00	42.07 1.03 0.00	48.69 1.42 0.00	48.05 1.82 0.51	48.88 1.69 0.97	49.68 1.65 1.91	47.90 1.76 2.77	48.03 1.48 2.95	48.25 1.57 2.31	47.63 1.71 1.58	49.84 2.09 0.77	53.91 2.62 0.00	57.61 2.95 0.00	52.86 2.71 0.00	50.03 2.65 0.00	47.72 2.57 0.00	42.13 2.31 0.00	38.32 2.00 0.00	36.98 1.83 0.00
SHOREHAM_IC_1 23715	37.31 2.89 0.00	35.30 2.22 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.16 1.83 0.00	37.11 1.90 0.00	42.85 1.80 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	52.01 3.09 -0.76	55.33 3.90 -1.49	55.78 4.70 -2.17	55.61 3.81 -2.31	54.57 3.77 -1.81	52.48 3.75 -1.23	54.08 4.95 -0.60	57.41 6.05 -0.06	61.28 6.61 -0.02	56.33 6.17 -0.02	52.97 5.59 0.00	50.65 5.51 0.00	45.07 4.90 -0.35	40.21 3.89 0.00	38.67 3.51 0.00
SHOREHAM_IC_2 23716	37.31 2.89 0.00	35.30 2.22 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.16 1.83 0.00	37.11 1.90 0.00	42.85 1.80 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	52.01 3.09 -0.76	55.33 3.90 -1.49	55.78 4.70 -2.17	55.61 3.81 -2.31	54.57 3.77 -1.81	52.48 3.75 -1.23	54.08 4.95 -0.60	57.41 6.05 -0.06	61.28 6.61 -0.02	56.33 6.17 -0.02	52.97 5.59 0.00	50.65 5.51 0.00	45.07 4.90 -0.35	40.21 3.89 0.00	38.67 3.51 0.00
SISSONVILLE____ 23735	33.56 -0.86 0.00	32.29 -0.79 0.00	32.25 -0.76 0.00	31.23 -0.77 0.00	32.16 -1.17 0.00	34.50 -0.70 0.00	39.69 -1.35 0.00	46.47 -0.80 0.00	45.67 -1.08 0.00	47.20 -0.96 0.00	50.34 0.40 0.00	49.26 0.34 0.00	50.24 0.74 0.00	49.77 0.78 0.00	46.64 -0.85 0.00	46.78 -1.75 0.00	48.94 -2.36 0.00	52.20 -2.46 0.00	47.79 -2.36 0.00	44.91 -2.46 0.00	42.52 -2.62 0.00	37.07 -2.75 0.00	34.03 -2.29 0.00	61.06 -1.44 -27.35
SITHE_IND_GS1 24169	33.11 -1.31 0.00	31.82 -1.26 0.00	31.72 -1.29 0.00	30.82 -1.18 0.00	32.02 -1.30 0.00	33.90 -1.30 0.00	39.53 -1.52 0.00	45.38 -1.89 0.00	44.97 -1.78 0.00	46.38 -1.78 0.00	48.09 -1.85 0.00	47.01 -1.91 0.00	47.37 -2.13 0.00	46.84 -2.15 0.00	45.35 -2.14 0.00	46.29 -2.23 0.00	48.94 -2.36 0.00	52.20 -2.46 0.00	47.84 -2.31 0.00	45.20 -2.18 0.00	43.11 -2.03 0.00	38.07 -1.75 0.00	34.80 -1.52 0.00	33.68 -1.48 0.00
SITHE_IND_GS2 24170	33.11 -1.31 0.00	31.82 -1.26 0.00	31.72 -1.29 0.00	30.82 -1.18 0.00	32.02 -1.30 0.00	33.90 -1.30 0.00	39.53 -1.52 0.00	45.38 -1.89 0.00	44.97 -1.78 0.00	46.38 -1.78 0.00	48.09 -1.85 0.00	47.01 -1.91 0.00	47.37 -2.13 0.00	46.84 -2.15 0.00	45.35 -2.14 0.00	46.29 -2.23 0.00	48.94 -2.36 0.00	52.20 -2.46 0.00	47.84 -2.31 0.00	45.20 -2.18 0.00	43.11 -2.03 0.00	38.07 -1.75 0.00	34.80 -1.52 0.00	33.68 -1.48 0.00
SITHE_IND_GS3 24171	33.11 -1.31 0.00	31.82 -1.26 0.00	31.72 -1.29 0.00	30.82 -1.18 0.00	32.02 -1.30 0.00	33.90 -1.30 0.00	39.53 -1.52 0.00	45.38 -1.89 0.00	44.97 -1.78 0.00	46.38 -1.78 0.00	48.09 -1.85 0.00	47.01 -1.91 0.00	47.37 -2.13 0.00	46.84 -2.15 0.00	45.35 -2.14 0.00	46.29 -2.23 0.00	48.94 -2.36 0.00	52.20 -2.46 0.00	47.84 -2.31 0.00	45.20 -2.18 0.00	43.11 -2.03 0.00	38.07 -1.75 0.00	34.80 -1.52 0.00	33.68 -1.48 0.00
SITHE_IND_GS4 24172	33.11 -1.31 0.00	31.82 -1.26 0.00	31.72 -1.29 0.00	30.82 -1.18 0.00	32.02 -1.30 0.00	33.90 -1.30 0.00	39.53 -1.52 0.00	45.38 -1.89 0.00	44.97 -1.78 0.00	46.38 -1.78 0.00	48.09 -1.85 0.00	47.01 -1.91 0.00	47.37 -2.13 0.00	46.84 -2.15 0.00	45.35 -2.14 0.00	46.29 -2.23 0.00	48.94 -2.36 0.00	52.20 -2.46 0.00	47.84 -2.31 0.00	45.20 -2.18 0.00	43.11 -2.03 0.00	38.07 -1.75 0.00	34.80 -1.52 0.00	33.68 -1.48 0.00

SITHE___BATAVIA 24024	33.90 -0.52 0.00	32.75 -0.33 0.00	32.32 -0.69 0.00	31.58 -0.42 0.00	32.93 -0.40 0.00	35.38 0.18 0.00	40.96 -0.08 0.00	45.38 -1.89 0.00	45.71 -1.03 0.00	47.54 -0.63 0.00	49.24 -0.70 0.00	47.30 -1.61 0.00	47.42 -2.08 0.00	46.79 -2.20 0.00	45.02 -2.47 0.00	45.62 -2.91 0.00	48.11 -3.18 0.00	51.04 -3.61 0.00	46.44 -3.71 0.00	43.92 -3.46 0.00	41.49 -3.66 0.00	36.92 -2.91 0.00	34.58 -1.74 0.00	33.61 -1.55 0.00
SITHE___INDEPEND 23800	33.11 -1.31 0.00	31.82 -1.26 0.00	31.72 -1.29 0.00	30.82 -1.18 0.00	32.02 -1.30 0.00	33.90 -1.30 0.00	39.53 -1.52 0.00	45.38 -1.89 0.00	44.97 -1.78 0.00	46.38 -1.78 0.00	48.09 -1.85 0.00	47.01 -1.91 0.00	47.37 -2.13 0.00	46.83 -2.16 0.00	45.35 -2.14 0.00	46.29 -2.23 0.00	48.94 -2.36 0.00	52.20 -2.46 0.00	47.84 -2.31 0.00	45.20 -2.18 0.00	43.11 -2.03 0.00	38.07 -1.75 0.00	34.80 -1.53 0.00	33.68 -1.48 0.00
SITHE___MASSENA 23902	34.52 0.10 0.00	33.25 0.17 0.00	33.21 0.20 0.00	32.19 0.19 0.00	33.56 0.23 0.00	35.49 0.28 0.00	41.46 0.41 0.00	47.84 0.57 0.00	46.79 0.05 0.00	48.26 0.10 0.00	50.14 0.20 0.00	49.21 0.30 0.00	50.28 0.79 0.00	49.77 0.78 0.00	48.20 0.71 0.00	49.01 0.49 0.00	51.55 0.26 0.00	54.82 0.16 0.00	50.30 0.15 0.00	47.38 0.00 0.00	45.10 -0.05 0.00	39.66 -0.16 0.00	36.18 -0.14 0.00	32.52 0.00 2.63
SITHE___OGDNSBRG 24021	34.52 0.10 0.00	33.18 0.10 0.00	33.11 0.10 0.00	32.10 0.10 0.00	33.12 -0.20 0.00	35.63 0.42 0.00	41.17 0.12 0.00	48.22 0.95 0.00	47.40 0.65 0.00	48.98 0.82 0.00	52.24 2.30 0.00	50.87 1.96 0.00	51.87 2.38 0.00	51.44 2.45 0.00	48.20 0.71 0.00	48.48 -0.05 0.00	50.78 -0.51 0.00	54.22 -0.44 0.00	49.70 -0.45 0.00	46.81 -0.57 0.00	44.24 -0.90 0.00	38.47 -1.35 0.00	35.27 -1.05 0.00	62.18 -0.32 -27.35
SITHE___STERLING 23777	35.04 0.62 0.00	33.68 0.60 0.00	33.57 0.56 0.00	32.54 0.54 0.00	33.89 0.57 0.00	36.02 0.81 0.00	42.11 1.07 0.00	48.55 1.28 0.00	48.19 1.45 0.00	49.71 1.54 0.00	51.68 1.75 0.00	50.43 1.52 0.00	50.88 1.38 0.00	50.31 1.32 0.00	48.63 1.14 0.00	49.69 1.16 0.00	52.42 1.13 0.00	55.80 1.15 0.00	51.20 1.05 0.00	48.37 1.00 0.00	46.04 0.90 0.00	40.58 0.75 0.00	36.98 0.65 0.00	37.36 0.63 -1.57
SLEIGHT__34_KV_TB1 80719	33.49 -0.93 0.00	32.09 -0.99 0.00	31.92 -1.09 0.00	31.07 -0.93 0.00	32.36 -0.97 0.00	34.50 -0.70 0.00	40.23 -0.82 0.00	45.57 -1.70 0.00	45.48 -1.26 0.00	47.15 -1.01 0.00	48.89 -1.05 0.00	47.55 -1.37 0.00	47.81 -1.68 0.00	47.18 -1.81 0.00	45.54 -1.95 0.00	46.34 -2.18 0.00	48.89 -2.41 0.00	52.20 -2.46 0.00	47.69 -2.46 0.00	45.06 -2.32 0.00	42.80 -2.35 0.00	37.83 -1.99 0.00	34.83 -1.49 0.00	33.75 -1.41 0.00
SOUTH CAIRO___GT 23612	36.38 1.96 0.00	34.87 1.79 0.00	34.79 1.78 0.00	33.57 1.57 0.00	34.99 1.67 0.00	36.93 1.73 0.00	43.22 2.18 0.00	49.73 2.46 0.00	49.60 2.80 -0.05	50.58 2.31 -0.10	52.28 2.15 -0.19	51.35 2.15 -0.28	51.72 1.93 -0.30	51.28 2.06 -0.23	49.74 2.09 -0.16	51.13 2.52 -0.08	54.32 3.03 0.00	58.32 3.66 0.00	53.36 3.21 0.00	50.32 2.94 0.00	47.94 2.80 0.00	42.05 2.23 0.00	38.25 1.93 0.00	36.98 1.83 0.00
SOUTH HAMPTN___IC 23720	37.38 2.96 0.00	35.36 2.28 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.16 1.83 0.00	37.11 1.90 0.00	42.90 1.85 0.00	50.01 2.74 0.00	50.37 3.22 -0.40	52.10 3.18 -0.76	55.47 4.04 -1.49	55.98 4.89 -2.17	55.81 4.01 -2.31	54.76 3.97 -1.81	52.71 3.99 -1.23	54.22 5.09 -0.60	57.62 6.26 -0.06	61.45 6.78 -0.02	56.53 6.37 -0.02	53.16 5.78 0.00	50.92 5.78 0.00	45.27 5.10 -0.35	40.21 3.89 0.00	38.67 3.51 0.00
SOUTHDOW_115KV_TB1 355954	35.62 1.20 0.00	34.24 1.16 0.00	34.07 1.06 0.00	33.38 1.38 0.00	34.79 1.47 0.00	37.18 1.97 0.00	43.26 2.22 0.00	47.70 0.43 0.00	48.10 1.36 0.00	49.95 1.78 0.00	51.79 1.85 0.00	49.75 0.83 0.00	49.54 0.05 0.00	48.55 -0.44 0.00	46.45 -1.04 0.00	46.73 -1.80 0.00	48.73 -2.56 0.00	51.37 -3.28 0.00	46.64 -3.51 0.00	43.96 -3.41 0.00	41.48 -3.66 0.00	37.15 -2.67 0.00	34.90 -1.42 0.00	33.96 -1.20 0.00
SOUTHOLD_69_KV_BK 2 55809	37.31 2.89 0.00	35.36 2.28 0.00	34.73 1.72 0.00	33.41 1.41 0.00	34.96 1.63 0.00	36.93 1.73 0.00	42.89 1.85 0.00	50.11 2.84 0.00	50.46 3.32 -0.40	52.10 3.18 -0.76	55.53 4.09 -1.49	55.98 4.89 -2.17	55.76 3.96 -2.31	54.86 4.07 -1.81	52.62 3.89 -1.23	54.22 5.10 -0.60	57.72 6.36 -0.06	61.45 6.78 -0.02	56.68 6.52 -0.02	53.35 5.97 0.00	51.28 6.14 0.00	45.43 5.26 -0.35	40.06 3.74 0.00	38.56 3.41 0.00
SOUTHOLD___IC 23719	37.31 2.89 0.00	35.26 2.18 0.00	34.73 1.72 0.00	33.41 1.41 0.00	35.02 1.70 0.00	36.97 1.76 0.00	42.77 1.72 0.00	49.96 2.69 0.00	50.32 3.18 -0.40	52.05 3.13 -0.76	55.43 4.00 -1.49	55.98 4.89 -2.17	55.76 3.96 -2.31	54.72 3.92 -1.81	52.66 3.94 -1.23	54.22 5.09 -0.60	57.72 6.36 -0.06	61.45 6.78 -0.02	56.68 6.52 -0.02	53.35 5.97 0.00	51.23 6.09 0.00	45.42 5.26 -0.35	40.03 3.71 0.00	38.56 3.41 0.00
SOUTH_FORK_WT_PWR 323839	36.97 2.55 0.00	34.90 1.82 0.00	34.36 1.35 0.00	33.05 1.05 0.00	34.66 1.33 0.00	36.58 1.37 0.00	42.28 1.23 0.00	49.45 2.18 0.00	49.81 2.66 -0.40	51.52 2.60 -0.76	54.83 3.40 -1.49	55.44 4.35 -2.17	55.22 3.41 -2.31	54.13 3.33 -1.81	52.10 3.37 -1.23	53.64 4.51 -0.60	57.16 5.79 -0.06	60.79 6.12 -0.02	56.13 5.96 -0.02	52.92 5.54 0.00	51.01 5.87 0.00	45.15 4.98 -0.35	39.55 3.23 0.00	38.21 3.06 0.00
SPIERFLS_115KV_TB 1 80737	36.86 2.44 0.00	35.43 2.35 0.00	35.29 2.28 0.00	34.08 2.08 0.00	35.56 2.23 0.00	37.71 2.50 0.00	44.12 3.08 0.00	50.86 3.59 0.00	50.80 3.97 -0.08	52.37 4.05 -0.16	54.30 4.04 -0.32	53.48 4.11 -0.46	53.79 3.81 -0.49	53.19 3.82 -0.38	51.27 3.51 -0.26	52.44 3.79 -0.13	55.40 4.10 0.00	59.30 4.65 0.00	54.41 4.26 0.00	51.41 4.03 0.00	48.89 3.75 0.00	42.93 3.11 0.00	38.90 2.58 0.00	37.54 2.39 0.00
ST LAWRENCE____ 23600	34.25 -0.17 0.00	32.98 -0.10 0.00	32.94 -0.07 0.00	31.94 -0.06 0.00	33.29 -0.03 0.00	35.17 -0.04 0.00	41.09 0.04 0.00	47.41 0.14 0.00	46.42 -0.32 0.00	47.88 -0.29 0.00	49.69 -0.25 0.00	48.82 -0.10 0.00	49.84 0.35 0.00	49.34 0.35 0.00	47.78 0.29 0.00	48.62 0.10 0.00	51.24 -0.05 0.00	54.38 -0.27 0.00	49.95 -0.20 0.00	47.05 -0.33 0.00	44.74 -0.41 0.00	39.35 -0.48 0.00	35.89 -0.43 0.00	32.24 -0.28 2.63
STATE_CA_115KV_115_LB 55624	35.38 0.96 0.00	33.98 0.89 0.00	33.87 0.86 0.00	32.77 0.77 0.00	34.12 0.80 0.00	35.77 0.56 0.00	41.66 0.62 0.00	48.07 0.80 0.00	47.90 1.08 -0.09	49.34 1.01 -0.16	51.31 1.05 -0.32	50.51 1.13 -0.47	50.88 0.89 -0.50	50.36 0.98 -0.39	48.71 0.95 -0.27	49.77 1.12 -0.13	52.53 1.23 0.00	56.13 1.48 0.00	51.50 1.35 0.00	48.70 1.33 0.00	46.45 1.31 0.00	40.90 1.08 0.00	37.19 0.87 0.00	35.96 0.81 0.00

STATE_ST_34_KV_LOAD 55959	34.21 -0.21 0.00	32.82 -0.26 0.00	32.71 -0.30 0.00	31.78 -0.22 0.00	33.06 -0.27 0.00	35.14 -0.07 0.00	41.05 0.00 0.00	46.99 -0.28 0.00	46.65 -0.09 0.00	48.21 0.05 0.00	49.99 0.05 0.00	48.77 -0.15 0.00	49.10 -0.40 0.00	48.45 -0.54 0.00	46.92 -0.57 0.00	47.85 -0.68 0.00	50.53 -0.77 0.00	54.05 -0.60 0.00	49.50 -0.65 0.00	46.72 -0.66 0.00	44.51 -0.63 0.00	39.34 -0.48 0.00	35.96 -0.36 0.00	34.77 -0.39 0.00
STATION 5_MISC_HYD 23604	33.35 -1.07 0.00	32.12 -0.96 0.00	31.79 -1.22 0.00	31.01 -0.99 0.00	32.29 -1.03 0.00	34.54 -0.67 0.00	40.10 -0.94 0.00	45.00 -2.27 0.00	45.06 -1.68 0.00	46.77 -1.40 0.00	48.49 -1.45 0.00	46.91 -2.01 0.00	47.17 -2.33 0.00	46.54 -2.45 0.00	44.88 -2.61 0.00	45.62 -2.91 0.00	48.17 -3.13 0.00	51.27 -3.39 0.00	46.79 -3.36 0.00	44.25 -3.13 0.00	41.94 -3.20 0.00	37.16 -2.67 0.00	34.47 -1.85 0.00	33.43 -1.72 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.90 -0.52 0.00	32.49 -0.60 0.00	32.32 -0.69 0.00	31.46 -0.54 0.00	32.79 -0.53 0.00	34.99 -0.21 0.00	40.76 -0.29 0.00	46.09 -1.18 0.00	46.04 -0.70 0.00	47.73 -0.43 0.00	49.49 -0.45 0.00	48.03 -0.88 0.00	48.31 -1.19 0.00	47.62 -1.37 0.00	45.97 -1.52 0.00	46.78 -1.75 0.00	49.35 -1.95 0.00	52.69 -1.97 0.00	48.09 -2.06 0.00	45.44 -1.94 0.00	43.16 -1.99 0.00	38.19 -1.63 0.00	35.20 -1.13 0.00	34.06 -1.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.21 -1.20 0.00	31.82 -1.26 0.00	31.66 -1.35 0.00	30.85 -1.15 0.00	32.12 -1.20 0.00	34.29 -0.92 0.00	39.86 -1.19 0.00	44.81 -2.46 0.00	44.87 -1.87 0.00	46.58 -1.59 0.00	48.29 -1.65 0.00	46.76 -2.15 0.00	47.02 -2.47 0.00	46.39 -2.60 0.00	44.78 -2.71 0.00	45.52 -3.01 0.00	47.96 -3.33 0.00	51.16 -3.50 0.00	46.69 -3.46 0.00	44.11 -3.27 0.00	41.89 -3.25 0.00	37.08 -2.75 0.00	34.32 -2.00 0.00	33.29 -1.86 0.00
STA_56___34_KV_BUS2 355983	33.21 -1.20 0.00	31.82 -1.26 0.00	31.66 -1.35 0.00	30.85 -1.15 0.00	32.12 -1.20 0.00	34.29 -0.92 0.00	39.86 -1.19 0.00	44.81 -2.46 0.00	44.87 -1.87 0.00	46.58 -1.59 0.00	48.29 -1.65 0.00	46.76 -2.15 0.00	47.02 -2.47 0.00	46.39 -2.60 0.00	44.78 -2.71 0.00	45.52 -3.01 0.00	47.96 -3.33 0.00	51.16 -3.50 0.00	46.69 -3.46 0.00	44.11 -3.27 0.00	41.89 -3.25 0.00	37.08 -2.75 0.00	34.32 -2.00 0.00	33.29 -1.86 0.00
STA_67___115KV_BK2 355882	33.32 -1.10 0.00	31.92 -1.16 0.00	31.76 -1.25 0.00	30.94 -1.06 0.00	32.22 -1.10 0.00	34.40 -0.81 0.00	39.98 -1.07 0.00	44.86 -2.41 0.00	44.97 -1.78 0.00	46.62 -1.54 0.00	48.34 -1.60 0.00	46.81 -2.10 0.00	47.02 -2.47 0.00	46.39 -2.60 0.00	44.74 -2.75 0.00	45.52 -3.01 0.00	47.96 -3.33 0.00	51.10 -3.55 0.00	46.64 -3.51 0.00	44.11 -3.27 0.00	41.85 -3.30 0.00	37.08 -2.75 0.00	34.36 -1.96 0.00	33.36 -1.79 0.00
STA_7___115KV_9TRANS 80674	33.52 -0.89 0.00	32.12 -0.96 0.00	31.92 -1.09 0.00	31.14 -0.86 0.00	32.42 -0.90 0.00	34.64 -0.56 0.00	40.27 -0.78 0.00	45.24 -2.03 0.00	45.34 -1.40 0.00	47.06 -1.11 0.00	48.79 -1.15 0.00	47.20 -1.71 0.00	47.47 -2.03 0.00	46.83 -2.16 0.00	45.16 -2.33 0.00	45.91 -2.62 0.00	48.37 -2.92 0.00	51.59 -3.06 0.00	47.04 -3.11 0.00	44.49 -2.89 0.00	42.16 -2.98 0.00	37.35 -2.47 0.00	34.61 -1.71 0.00	33.57 -1.58 0.00
STA_82___115KV_TB1 80780	33.32 -1.10 0.00	31.92 -1.16 0.00	31.76 -1.25 0.00	30.94 -1.06 0.00	32.26 -1.07 0.00	34.43 -0.77 0.00	39.98 -1.07 0.00	44.86 -2.41 0.00	44.97 -1.78 0.00	46.67 -1.49 0.00	48.39 -1.55 0.00	46.81 -2.10 0.00	47.02 -2.47 0.00	46.44 -2.55 0.00	44.78 -2.71 0.00	45.52 -3.01 0.00	47.96 -3.33 0.00	51.16 -3.50 0.00	46.69 -3.46 0.00	44.11 -3.27 0.00	41.85 -3.30 0.00	37.08 -2.75 0.00	34.40 -1.93 0.00	33.36 -1.79 0.00
STEEL___WIND 323596	34.01 -0.41 0.00	32.92 -0.16 0.00	32.52 -0.49 0.00	31.78 -0.22 0.00	33.09 -0.23 0.00	35.42 0.21 0.00	41.05 0.00 0.00	45.05 -2.22 0.00	45.48 -1.26 0.00	47.30 -0.87 0.00	49.04 -0.90 0.00	47.11 -1.81 0.00	47.07 -2.42 0.00	46.30 -2.69 0.00	44.50 -2.99 0.00	45.03 -3.49 0.00	47.29 -4.00 0.00	49.90 -4.76 0.00	45.43 -4.72 0.00	42.92 -4.46 0.00	40.58 -4.56 0.00	36.32 -3.50 0.00	34.21 -2.11 0.00	33.36 -1.79 0.00
STEPHTWN_115KV_BK_2 55603	35.66 1.24 0.00	34.24 1.16 0.00	34.13 1.12 0.00	33.02 1.02 0.00	34.39 1.07 0.00	36.12 0.92 0.00	42.07 1.03 0.00	48.59 1.32 0.00	48.47 1.64 -0.09	49.92 1.59 -0.17	51.86 1.60 -0.33	51.05 1.66 -0.48	51.39 1.39 -0.51	50.86 1.47 -0.40	49.19 1.42 -0.27	50.26 1.60 -0.13	53.14 1.85 0.00	56.79 2.13 0.00	52.06 1.91 0.00	49.27 1.90 0.00	46.95 1.81 0.00	41.34 1.51 0.00	37.56 1.23 0.00	36.28 1.12 0.00
STEUBEN_REC_LFGE 323667	34.76 0.34 0.00	33.45 0.36 0.00	33.37 0.36 0.00	32.64 0.64 0.00	33.96 0.63 0.00	36.37 1.16 0.00	42.36 1.31 0.00	47.36 0.09 0.00	47.44 0.70 0.00	49.13 0.96 0.00	51.14 1.20 0.00	49.31 0.39 0.00	48.90 -0.59 0.00	47.62 -1.37 0.00	45.78 -1.71 0.00	46.34 -2.18 0.00	48.63 -2.67 0.00	51.65 -3.01 0.00	46.94 -3.21 0.00	44.06 -3.32 0.00	41.85 -3.30 0.00	37.11 -2.71 0.00	34.32 -2.00 0.00	33.36 -1.79 0.00
STILLWATER___SOLAR 323814	36.55 2.13 0.00	35.13 2.05 0.00	34.99 1.98 0.00	33.82 1.82 0.00	35.26 1.93 0.00	37.32 2.11 0.00	43.59 2.55 0.00	50.25 2.98 0.00	50.15 3.32 -0.09	51.65 3.32 -0.17	53.61 3.35 -0.33	52.81 3.42 -0.47	53.12 3.12 -0.50	52.57 3.18 -0.39	50.71 2.95 -0.27	51.86 3.20 -0.13	54.79 3.49 0.00	58.59 3.94 0.00	53.76 3.61 0.00	50.84 3.46 0.00	48.39 3.25 0.00	42.57 2.75 0.00	38.65 2.33 0.00	37.33 2.18 0.00
STONY___BROOK 24151	37.24 2.82 0.00	35.26 2.18 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.12 1.80 0.00	37.11 1.90 0.00	42.81 1.76 0.00	49.92 2.65 0.00	50.28 3.13 -0.40	51.96 3.04 -0.76	55.23 3.79 -1.49	55.58 4.50 -2.17	55.52 3.71 -2.31	54.47 3.68 -1.81	52.71 3.99 -1.23	53.93 4.81 -0.60	57.16 5.79 -0.06	61.01 6.34 -0.02	56.03 5.86 -0.02	52.73 5.35 0.00	50.42 5.28 0.00	44.91 4.74 -0.35	40.13 3.81 0.00	38.56 3.41 0.00
STURGEON_POOL_HYD 23609	36.66 2.24 0.00	35.03 1.95 0.00	34.89 1.88 0.00	33.63 1.63 0.00	35.09 1.77 0.00	37.21 2.01 0.00	43.51 2.46 0.00	50.34 3.07 0.00	50.39 3.69 0.04	51.45 3.37 0.08	53.07 3.30 0.16	52.10 3.42 0.24	52.31 3.07 0.25	51.93 3.14 0.20	50.77 3.42 0.14	52.44 3.98 0.07	55.91 4.62 0.00	59.90 5.25 0.00	54.86 4.71 0.00	51.88 4.50 0.00	49.48 4.33 0.00	43.57 3.74 0.00	39.59 3.27 0.00	38.11 2.95 0.00
ST_LAW_115_BK7_LBMP 345037	34.21 -0.21 0.00	32.98 -0.10 0.00	32.94 -0.07 0.00	31.94 -0.06 0.00	33.26 -0.07 0.00	35.17 -0.04 0.00	41.09 0.04 0.00	47.41 0.14 0.00	46.42 -0.32 0.00	47.88 -0.29 0.00	49.69 -0.25 0.00	48.82 -0.10 0.00	49.84 0.35 0.00	49.34 0.35 0.00	47.78 0.29 0.00	48.62 0.10 0.00	51.19 -0.10 0.00	54.38 -0.27 0.00	49.95 -0.20 0.00	47.05 -0.33 0.00	44.74 -0.41 0.00	39.35 -0.48 0.00	35.89 -0.43 0.00	32.20 -0.32 2.63

ST_LAW_115_BK8_LBMP 345038	34.21 -0.21 0.00	32.98 -0.10 0.00	32.94 -0.07 0.00	31.94 -0.06 0.00	33.26 -0.07 0.00	35.17 -0.04 0.00	41.09 0.04 0.00	47.41 0.14 0.00	46.42 -0.32 0.00	47.88 -0.29 0.00	49.69 -0.25 0.00	48.82 -0.10 0.00	49.84 0.35 0.00	49.34 0.35 0.00	47.78 0.29 0.00	48.62 0.10 0.00	51.19 -0.10 0.00	54.38 -0.27 0.00	49.95 -0.20 0.00	47.05 -0.33 0.00	44.74 -0.41 0.00	39.35 -0.48 0.00	35.89 -0.43 0.00	32.20 -0.32 2.63
ST_LAW_230_BK5_LBMP 345035	34.25 -0.17 0.00	32.98 -0.10 0.00	32.94 -0.07 0.00	31.94 -0.06 0.00	33.29 -0.03 0.00	35.17 -0.04 0.00	41.09 0.04 0.00	47.41 0.14 0.00	46.42 -0.32 0.00	47.88 -0.29 0.00	49.69 -0.25 0.00	48.82 -0.10 0.00	49.84 0.35 0.00	49.34 0.35 0.00	47.78 0.29 0.00	48.62 0.10 0.00	51.24 -0.05 0.00	54.38 -0.27 0.00	49.95 -0.20 0.00	47.05 -0.33 0.00	44.74 -0.41 0.00	39.35 -0.48 0.00	35.89 -0.43 0.00	32.24 -0.28 2.63
ST_LAW_230_BK6_LBMP 345036	34.25 -0.17 0.00	32.98 -0.10 0.00	32.94 -0.07 0.00	31.94 -0.06 0.00	33.29 -0.03 0.00	35.17 -0.04 0.00	41.09 0.04 0.00	47.41 0.14 0.00	46.42 -0.32 0.00	47.88 -0.29 0.00	49.69 -0.25 0.00	48.82 -0.10 0.00	49.84 0.35 0.00	49.34 0.35 0.00	47.78 0.29 0.00	48.62 0.10 0.00	51.24 -0.05 0.00	54.38 -0.27 0.00	49.95 -0.20 0.00	47.05 -0.33 0.00	44.74 -0.41 0.00	39.35 -0.48 0.00	35.89 -0.43 0.00	32.24 -0.28 2.63
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.73 1.31 0.00	34.21 1.12 0.00	34.07 1.06 0.00	32.93 0.93 0.00	34.32 1.00 0.00	36.26 1.06 0.00	42.20 1.15 0.00	48.88 1.61 0.00	48.26 2.06 0.54	49.07 1.93 1.03	49.82 1.90 2.02	47.99 2.01 2.93	48.11 1.73 3.11	48.36 1.81 2.44	47.82 1.99 1.66	50.09 2.38 0.81	54.17 2.87 0.00	57.88 3.22 0.00	53.11 2.96 0.00	50.32 2.94 0.00	47.99 2.84 0.00	42.41 2.59 0.00	38.54 2.22 0.00	37.16 2.00 0.00
SWANROAD_115KV_TB1 355699	32.53 -1.89 0.00	31.20 -1.89 0.00	30.96 -2.05 0.00	30.27 -1.73 0.00	31.52 -1.80 0.00	33.69 -1.51 0.00	38.99 -2.05 0.00	42.50 -4.77 0.00	43.05 -3.69 0.00	44.79 -3.37 0.00	46.39 -3.55 0.00	44.51 -4.40 0.00	44.50 -5.00 0.00	43.85 -5.14 0.00	42.12 -5.37 0.00	42.70 -5.82 0.00	44.83 -6.46 0.00	47.49 -7.16 0.00	43.28 -6.87 0.00	40.89 -6.49 0.00	38.73 -6.41 0.00	34.64 -5.18 0.00	32.73 -3.60 0.00	32.03 -3.13 0.00
SYNERGY___BIOGAS 323694	33.90 -0.52 0.00	32.75 -0.33 0.00	32.32 -0.69 0.00	31.58 -0.42 0.00	32.93 -0.40 0.00	35.38 0.18 0.00	40.96 -0.08 0.00	45.38 -1.89 0.00	45.71 -1.03 0.00	47.54 -0.63 0.00	49.24 -0.70 0.00	47.30 -1.61 0.00	47.42 -2.08 0.00	46.79 -2.20 0.00	45.02 -2.47 0.00	45.62 -2.91 0.00	48.11 -3.18 0.00	51.04 -3.61 0.00	46.44 -3.71 0.00	43.92 -3.46 0.00	41.49 -3.66 0.00	36.92 -2.91 0.00	34.58 -1.74 0.00	33.61 -1.55 0.00
SYRACUSE___ENERGY_ST1 323597	34.04 -0.38 0.00	32.65 -0.43 0.00	32.55 -0.46 0.00	31.62 -0.38 0.00	32.86 -0.47 0.00	34.82 -0.39 0.00	40.68 -0.37 0.00	46.66 -0.61 0.00	46.23 -0.51 0.00	47.78 -0.39 0.00	49.54 -0.40 0.00	48.38 -0.54 0.00	48.70 -0.79 0.00	48.11 -0.88 0.00	46.59 -0.90 0.00	47.56 -0.97 0.00	50.22 -1.08 0.00	53.62 -1.04 0.00	49.15 -1.00 0.00	46.43 -0.95 0.00	44.28 -0.86 0.00	39.15 -0.68 0.00	35.74 -0.58 0.00	34.59 -0.56 0.00
SYRACUSE___ENERGY_ST2 323598	34.04 -0.38 0.00	32.65 -0.43 0.00	32.55 -0.46 0.00	31.62 -0.38 0.00	32.86 -0.47 0.00	34.82 -0.39 0.00	40.68 -0.37 0.00	46.66 -0.61 0.00	46.23 -0.51 0.00	47.78 -0.39 0.00	49.54 -0.40 0.00	48.38 -0.54 0.00	48.70 -0.79 0.00	48.11 -0.88 0.00	46.59 -0.90 0.00	47.56 -0.97 0.00	50.22 -1.08 0.00	53.62 -1.04 0.00	49.15 -1.00 0.00	46.43 -0.95 0.00	44.28 -0.86 0.00	39.15 -0.68 0.00	35.74 -0.58 0.00	34.59 -0.56 0.00
SYRACUSE___POWER 24017	34.01 -0.41 0.00	32.65 -0.43 0.00	32.55 -0.46 0.00	31.58 -0.42 0.00	32.86 -0.47 0.00	34.82 -0.39 0.00	40.68 -0.37 0.00	46.66 -0.61 0.00	46.27 -0.47 0.00	47.78 -0.39 0.00	49.59 -0.35 0.00	48.43 -0.49 0.00	48.75 -0.74 0.00	48.16 -0.83 0.00	46.64 -0.85 0.00	47.60 -0.92 0.00	50.32 -0.97 0.00	53.67 -0.98 0.00	49.20 -0.95 0.00	46.48 -0.90 0.00	44.28 -0.86 0.00	39.15 -0.68 0.00	35.78 -0.54 0.00	34.59 -0.56 0.00
TALLMAN___138KV_BK151 55660	35.90 1.48 0.00	34.37 1.29 0.00	34.20 1.19 0.00	33.06 1.06 0.00	34.46 1.13 0.00	36.40 1.20 0.00	42.36 1.31 0.00	49.11 1.84 0.00	48.34 2.29 0.69	49.03 2.17 1.30	49.52 2.15 2.57	47.49 2.30 3.73	47.51 1.98 3.96	47.94 2.06 3.10	47.60 2.23 2.12	50.11 2.62 1.04	54.37 3.08 0.00	58.15 3.50 0.00	53.36 3.21 0.00	50.55 3.17 0.00	48.21 3.07 0.00	42.61 2.79 0.00	38.72 2.40 0.00	37.33 2.18 0.00
TEALLAVE_115KV_TB7 355573	33.83 -0.59 0.00	32.49 -0.60 0.00	32.38 -0.63 0.00	31.46 -0.54 0.00	32.69 -0.63 0.00	34.64 -0.56 0.00	40.47 -0.57 0.00	46.37 -0.90 0.00	46.04 -0.70 0.00	47.54 -0.63 0.00	49.34 -0.60 0.00	48.13 -0.78 0.00	48.51 -0.99 0.00	47.91 -1.08 0.00	46.40 -1.09 0.00	47.36 -1.16 0.00	50.01 -1.28 0.00	53.34 -1.31 0.00	48.90 -1.25 0.00	46.19 -1.18 0.00	44.01 -1.13 0.00	38.91 -0.92 0.00	35.56 -0.76 0.00	34.42 -0.74 0.00
TELGRAPH_34_KV_EAST 80808	33.56 -0.86 0.00	32.16 -0.93 0.00	31.95 -1.06 0.00	31.23 -0.77 0.00	32.52 -0.80 0.00	34.82 -0.39 0.00	40.35 -0.70 0.00	44.39 -2.88 0.00	44.87 -1.87 0.00	46.67 -1.49 0.00	48.39 -1.55 0.00	46.47 -2.45 0.00	46.48 -3.02 0.00	45.85 -3.14 0.00	44.07 -3.42 0.00	44.64 -3.88 0.00	46.88 -4.41 0.00	49.79 -4.86 0.00	45.33 -4.81 0.00	42.83 -4.55 0.00	40.49 -4.65 0.00	36.16 -3.66 0.00	33.96 -2.36 0.00	33.11 -2.04 0.00
TEMPLE___115KV_TB 2 55572	33.87 -0.55 0.00	32.49 -0.60 0.00	32.42 -0.59 0.00	31.46 -0.54 0.00	32.72 -0.60 0.00	34.68 -0.53 0.00	40.47 -0.57 0.00	46.42 -0.85 0.00	46.09 -0.65 0.00	47.59 -0.58 0.00	49.34 -0.60 0.00	48.18 -0.73 0.00	48.56 -0.94 0.00	47.91 -1.08 0.00	46.45 -1.04 0.00	47.41 -1.12 0.00	50.07 -1.23 0.00	53.40 -1.26 0.00	48.90 -1.25 0.00	46.19 -1.18 0.00	44.06 -1.08 0.00	38.95 -0.88 0.00	35.60 -0.73 0.00	34.42 -0.74 0.00
TIANA____69_KV_BK 1 55817	37.38 2.96 0.00	35.46 2.38 0.00	34.89 1.88 0.00	33.60 1.60 0.00	35.16 1.83 0.00	37.14 1.94 0.00	43.10 2.05 0.00	50.20 2.93 0.00	50.56 3.41 -0.40	52.15 3.23 -0.76	55.58 4.14 -1.49	55.98 4.89 -2.17	55.81 4.01 -2.31	54.91 4.12 -1.81	52.71 3.99 -1.23	54.27 5.14 -0.60	57.67 6.31 -0.06	61.50 6.83 -0.02	56.53 6.37 -0.02	53.16 5.78 0.00	50.88 5.73 0.00	45.23 5.06 -0.35	40.28 3.96 0.00	38.70 3.55 0.00
TILDEN___115KV_TB1 80814	34.01 -0.41 0.00	32.65 -0.43 0.00	32.55 -0.46 0.00	31.58 -0.42 0.00	32.86 -0.47 0.00	34.82 -0.39 0.00	40.68 -0.37 0.00	46.66 -0.61 0.00	46.27 -0.47 0.00	47.78 -0.39 0.00	49.59 -0.35 0.00	48.43 -0.49 0.00	48.75 -0.74 0.00	48.16 -0.83 0.00	46.64 -0.85 0.00	47.60 -0.92 0.00	50.32 -0.97 0.00	53.67 -0.98 0.00	49.20 -0.95 0.00	46.48 -0.90 0.00	44.28 -0.86 0.00	39.15 -0.68 0.00	35.78 -0.54 0.00	34.59 -0.56 0.00

TRIGEN___CC 323695	36.59 2.17 0.00	34.87 1.79 0.00	34.46 1.45 0.00	33.25 1.25 0.00	34.69 1.37 0.00	36.68 1.48 0.00	42.57 1.52 0.00	49.49 2.22 0.00	49.86 2.71 -0.40	51.43 2.50 -0.76	54.43 3.00 -1.49	54.56 3.47 -2.17	54.67 2.87 -2.31	53.79 2.99 -1.81	51.95 3.23 -1.23	52.91 3.79 -0.60	55.72 4.36 -0.06	59.42 4.75 -0.02	54.63 4.46 -0.02	51.69 4.31 0.00	49.39 4.24 0.00	43.95 3.78 -0.35	39.41 3.09 0.00	37.93 2.78 0.00
TRINITY___115KV___4 BK 55933	35.31 0.89 0.00	33.88 0.79 0.00	33.80 0.79 0.00	32.70 0.70 0.00	34.06 0.73 0.00	35.70 0.49 0.00	41.54 0.49 0.00	47.98 0.71 0.00	47.77 0.93 -0.09	49.20 0.87 -0.17	51.16 0.90 -0.33	50.37 0.98 -0.48	50.74 0.74 -0.51	50.22 0.83 -0.40	48.62 0.85 -0.27	49.63 0.97 -0.13	52.42 1.13 0.00	55.97 1.31 0.00	51.35 1.20 0.00	48.56 1.18 0.00	46.32 1.17 0.00	40.82 1.00 0.00	37.12 0.80 0.00	35.93 0.77 0.00
UNION___PROCESSING_DRP 323587	33.32 -1.10 0.00	31.96 -1.12 0.00	31.76 -1.25 0.00	30.94 -1.06 0.00	32.26 -1.07 0.00	34.43 -0.77 0.00	39.98 -1.07 0.00	44.86 -2.41 0.00	44.97 -1.78 0.00	46.67 -1.49 0.00	48.39 -1.55 0.00	46.81 -2.10 0.00	47.07 -2.43 0.00	46.44 -2.55 0.00	44.78 -2.71 0.00	45.52 -3.01 0.00	47.96 -3.33 0.00	51.16 -3.50 0.00	46.69 -3.46 0.00	44.11 -3.27 0.00	41.85 -3.30 0.00	37.08 -2.75 0.00	34.40 -1.93 0.00	33.36 -1.79 0.00
UPPER HUDSON___HYD 24058	36.86 2.44 0.00	35.43 2.35 0.00	35.29 2.28 0.00	34.08 2.08 0.00	35.56 2.23 0.00	37.71 2.50 0.00	44.13 3.08 0.00	50.86 3.59 0.00	50.80 3.97 -0.08	52.37 4.05 -0.16	54.30 4.04 -0.32	53.48 4.11 -0.46	53.79 3.81 -0.49	53.19 3.82 -0.38	51.27 3.51 -0.26	52.44 3.79 -0.13	55.40 4.11 0.00	59.30 4.64 0.00	54.41 4.26 0.00	51.40 4.02 0.00	48.89 3.74 0.00	42.93 3.11 0.00	38.90 2.58 0.00	37.55 2.39 0.00
UPPER RAQUET___HYD 24056	33.56 -0.86 0.00	32.29 -0.79 0.00	32.25 -0.76 0.00	31.23 -0.77 0.00	32.16 -1.17 0.00	34.50 -0.70 0.00	39.69 -1.35 0.00	46.42 -0.85 0.00	45.67 -1.07 0.00	47.20 -0.96 0.00	50.34 0.40 0.00	49.21 0.30 0.00	50.24 0.74 0.00	49.77 0.78 0.00	46.64 -0.85 0.00	46.78 -1.74 0.00	48.94 -2.36 0.00	51.98 -2.68 0.00	47.79 -2.36 0.00	44.91 -2.47 0.00	42.52 -2.62 0.00	37.08 -2.75 0.00	34.03 -2.29 0.00	61.06 -1.44 -27.35
VALLEY44_115KV_TB2 355964	34.90 0.48 0.00	33.51 0.43 0.00	33.31 0.30 0.00	32.67 0.67 0.00	33.99 0.67 0.00	36.19 0.99 0.00	41.95 0.90 0.00	46.42 -0.85 0.00	46.79 0.05 0.00	48.60 0.43 0.00	50.44 0.50 0.00	48.67 -0.24 0.00	48.65 -0.84 0.00	47.91 -1.08 0.00	46.11 -1.38 0.00	46.73 -1.80 0.00	49.04 -2.26 0.00	52.03 -2.62 0.00	47.34 -2.81 0.00	44.63 -2.75 0.00	42.12 -3.02 0.00	37.87 -1.95 0.00	35.45 -0.87 0.00	34.52 -0.63 0.00
VALLEY___115KV_TB 1-4 80826	34.38 -0.03 0.00	33.08 0.00 0.00	33.04 0.03 0.00	32.06 0.06 0.00	33.46 0.13 0.00	35.45 0.25 0.00	41.37 0.33 0.00	47.70 0.43 0.00	47.40 0.65 0.00	48.94 0.77 0.00	50.79 0.85 0.00	49.80 0.88 0.00	50.29 0.79 0.00	49.77 0.78 0.00	48.11 0.62 0.00	49.06 0.53 0.00	51.60 0.31 0.00	54.87 0.22 0.00	50.30 0.15 0.00	47.57 0.19 0.00	45.28 0.14 0.00	39.94 0.12 0.00	36.36 0.04 0.00	35.12 -0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.28 1.86 0.00	34.84 1.75 0.00	34.76 1.75 0.00	33.66 1.66 0.00	35.09 1.77 0.00	37.11 1.90 0.00	43.30 2.26 0.00	50.11 2.84 0.00	49.78 3.08 0.05	51.30 3.23 0.09	53.10 3.35 0.19	51.77 3.13 0.27	52.08 2.87 0.29	51.65 2.89 0.23	50.00 2.66 0.15	51.36 2.91 0.08	54.37 3.08 0.00	57.93 3.28 0.00	53.21 3.06 0.00	50.41 3.03 0.00	47.94 2.80 0.00	42.29 2.47 0.00	38.54 2.22 0.00	37.23 2.07 0.00
VISCHER___FERRY HYD 24020	36.00 1.58 0.00	34.54 1.45 0.00	34.46 1.45 0.00	33.34 1.34 0.00	34.76 1.43 0.00	36.65 1.44 0.00	42.69 1.64 0.00	49.25 1.98 0.00	49.12 2.29 -0.09	50.56 2.22 -0.17	52.53 2.25 -0.34	51.76 2.35 -0.50	52.05 2.03 -0.53	51.56 2.15 -0.41	49.81 2.04 -0.28	50.90 2.23 -0.14	53.81 2.51 0.00	57.49 2.84 0.00	52.76 2.61 0.00	49.89 2.51 0.00	47.53 2.39 0.00	41.89 2.07 0.00	38.10 1.78 0.00	36.84 1.69 0.00
V_A_10_SYNC_DSASP 323832	32.66 -1.75 0.00	31.56 -1.52 0.00	31.19 -1.82 0.00	30.46 -1.54 0.00	31.69 -1.63 0.00	33.90 -1.30 0.00	39.24 -1.81 0.00	43.30 -3.97 0.00	43.61 -3.13 0.00	45.32 -2.84 0.00	46.94 -2.99 0.00	45.20 -3.72 0.00	45.29 -4.21 0.00	44.68 -4.31 0.00	43.02 -4.47 0.00	43.72 -4.80 0.00	46.12 -5.18 0.00	48.86 -5.79 0.00	44.58 -5.57 0.00	42.17 -5.21 0.00	40.00 -5.15 0.00	35.60 -4.22 0.00	33.34 -2.98 0.00	32.48 -2.67 0.00
V_CMM_10_SYNC_DSASP 323787	34.63 0.21 0.00	33.38 0.30 0.00	33.34 0.33 0.00	32.29 0.29 0.00	33.66 0.33 0.00	35.63 0.42 0.00	41.62 0.57 0.00	47.98 0.71 0.00	46.98 0.23 0.00	48.46 0.29 0.00	50.34 0.40 0.00	49.40 0.49 0.00	50.49 0.99 0.00	49.97 0.98 0.00	48.35 0.86 0.00	49.16 0.63 0.00	51.45 0.15 0.00	54.65 0.00 0.00	50.20 0.05 0.00	47.28 -0.09 0.00	44.96 -0.18 0.00	39.55 -0.28 0.00	36.07 -0.25 0.00	32.38 -0.14 2.63
V_CMP_10_SYNC_DSASP 323788	34.07 -0.34 0.00	32.78 -0.30 0.00	32.94 -0.07 0.00	31.97 -0.03 0.00	33.32 0.00 0.00	35.24 0.04 0.00	41.29 0.25 0.00	47.88 0.61 0.00	46.79 0.05 0.00	48.41 0.24 0.00	50.34 0.40 0.00	49.70 0.78 0.00	50.98 1.48 0.00	50.41 1.42 0.00	48.72 1.23 0.00	49.35 0.82 0.00	51.76 0.46 0.00	54.38 -0.27 0.00	50.05 -0.10 0.00	46.67 -0.71 0.00	44.15 -0.99 0.00	38.43 -1.39 0.00	34.94 -1.38 0.00	-7.01 -1.23 40.93
V_D_10_SYNC_DSASP 323841	34.52 0.10 0.00	33.25 0.17 0.00	33.21 0.20 0.00	32.19 0.19 0.00	33.56 0.23 0.00	35.49 0.28 0.00	41.46 0.41 0.00	47.84 0.57 0.00	46.79 0.05 0.00	48.26 0.10 0.00	50.14 0.20 0.00	49.21 0.30 0.00	50.28 0.79 0.00	49.77 0.78 0.00	48.20 0.71 0.00	49.01 0.49 0.00	51.55 0.26 0.00	54.82 0.16 0.00	50.30 0.15 0.00	47.38 0.00 0.00	45.10 -0.05 0.00	39.66 -0.16 0.00	36.18 -0.14 0.00	32.52 0.00 2.63
V_E_10_SYNC_DSASP 323830	36.52 2.10 0.00	35.13 2.05 0.00	35.02 2.01 0.00	34.08 2.08 0.00	35.59 2.27 0.00	38.13 2.92 0.00	44.74 3.70 0.00	55.59 8.32 0.00	55.21 8.51 0.04	57.04 8.96 0.08	59.26 9.49 0.16	57.53 8.86 0.24	57.76 8.52 0.25	57.51 8.72 0.20	55.33 7.98 0.14	56.56 8.10 0.07	59.40 8.10 0.00	58.97 4.32 0.00	54.16 4.01 0.00	51.17 3.79 0.00	48.44 3.29 0.00	42.61 2.79 0.00	38.79 2.47 0.00	37.44 2.28 0.00
V_F_30_NSYNC___DSASP 323816	36.62 2.20 0.00	35.17 2.09 0.00	35.02 2.01 0.00	33.89 1.89 0.00	35.32 2.00 0.00	37.35 2.15 0.00	43.63 2.59 0.00	50.30 3.03 0.00	50.20 3.37 -0.09	51.75 3.42 -0.16	53.70 3.44 -0.32	52.91 3.52 -0.47	53.21 3.22 -0.50	52.66 3.28 -0.39	50.80 3.04 -0.27	51.96 3.30 -0.13	54.89 3.59 0.00	58.70 4.04 0.00	53.86 3.71 0.00	50.93 3.56 0.00	48.48 3.34 0.00	42.61 2.79 0.00	38.68 2.36 0.00	37.37 2.22 0.00

V_F_30_SYNC_DSASP 323786	35.38 0.96 0.00	33.98 0.89 0.00	33.87 0.86 0.00	32.77 0.77 0.00	34.12 0.80 0.00	35.77 0.56 0.00	41.66 0.62 0.00	48.07 0.80 0.00	47.90 1.08 -0.09	49.34 1.01 -0.16	51.31 1.05 -0.32	50.51 1.13 -0.47	50.89 0.89 -0.50	50.36 0.98 -0.39	48.71 0.95 -0.27	49.77 1.12 -0.13	52.53 1.23 0.00	56.13 1.48 0.00	51.50 1.35 0.00	48.70 1.33 0.00	46.45 1.31 0.00	40.90 1.08 0.00	37.19 0.87 0.00	35.96 0.81 0.00
V_XM_10_SYNC_DSASP 323789	34.07 -0.34 0.00	32.78 -0.30 0.00	32.94 -0.07 0.00	31.97 -0.03 0.00	33.32 0.00 0.00	35.24 0.04 0.00	41.29 0.25 0.00	47.88 0.61 0.00	46.79 0.05 0.00	48.41 0.24 0.00	50.34 0.40 0.00	49.70 0.78 0.00	50.98 1.48 0.00	50.41 1.42 0.00	48.72 1.23 0.00	49.35 0.82 0.00	51.76 0.46 0.00	54.38 -0.27 0.00	50.05 -0.10 0.00	46.67 -0.71 0.00	44.15 -0.99 0.00	38.43 -1.39 0.00	34.94 -1.38 0.00	-7.01 -1.23 40.93
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.04 1.62 0.00	34.50 1.42 0.00	34.33 1.32 0.00	33.18 1.18 0.00	34.59 1.27 0.00	36.54 1.34 0.00	42.52 1.48 0.00	49.30 2.03 0.00	48.57 2.52 0.70	49.21 2.36 1.32	49.70 2.35 2.59	47.65 2.49 3.76	47.68 2.18 4.00	48.11 2.25 3.13	47.82 2.47 2.14	50.35 2.86 1.04	54.63 3.33 0.00	58.37 3.72 0.00	53.56 3.41 0.00	50.74 3.36 0.00	48.39 3.25 0.00	42.77 2.95 0.00	38.90 2.58 0.00	37.47 2.32 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.41 2.00 0.00	34.87 1.79 0.00	34.69 1.68 0.00	33.47 1.47 0.00	34.89 1.57 0.00	36.90 1.69 0.00	42.98 1.93 0.00	49.96 2.69 0.00	50.37 3.23 -0.40	52.06 3.13 -0.76	54.53 3.10 -1.50	54.32 3.23 -2.18	54.68 2.87 -2.32	53.79 2.99 -1.81	51.91 3.18 -1.24	52.77 3.64 -0.60	55.19 3.90 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.36 3.98 0.00	49.02 3.88 0.00	43.25 3.42 0.00	39.30 2.98 0.00	37.90 2.74 0.00
W50THST__13_KV_LOAD 356117	36.55 2.13 0.00	35.00 1.92 0.00	34.79 1.78 0.00	33.57 1.57 0.00	34.99 1.67 0.00	37.04 1.83 0.00	43.18 2.13 0.00	50.20 2.93 0.00	50.60 3.46 -0.40	52.30 3.37 -0.76	54.78 3.35 -1.50	54.57 3.47 -2.18	54.98 3.17 -2.32	54.04 3.23 -1.81	52.20 3.47 -1.24	53.01 3.88 -0.60	55.50 4.21 0.00	59.19 4.54 0.00	54.36 4.21 0.00	51.59 4.22 0.00	49.21 4.06 0.00	43.45 3.62 0.00	39.41 3.09 0.00	38.00 2.85 0.00
WADING RIVER_IC_1 23522	37.31 2.89 0.00	35.30 2.22 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.16 1.83 0.00	37.11 1.90 0.00	42.85 1.80 0.00	49.96 2.69 0.00	50.32 3.18 -0.40	52.01 3.09 -0.76	55.38 3.94 -1.49	55.83 4.74 -2.17	55.67 3.86 -2.31	54.62 3.82 -1.81	52.53 3.80 -1.23	54.13 5.00 -0.60	57.46 6.10 -0.06	61.34 6.67 -0.02	56.38 6.22 -0.02	53.01 5.64 0.00	50.69 5.55 0.00	45.11 4.94 -0.35	40.21 3.89 0.00	38.67 3.51 0.00
WADING RIVER_IC_2 23547	37.31 2.89 0.00	35.30 2.22 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.16 1.83 0.00	37.11 1.90 0.00	42.85 1.80 0.00	49.96 2.69 0.00	50.32 3.18 -0.40	52.01 3.09 -0.76	55.38 3.94 -1.49	55.83 4.74 -2.17	55.67 3.86 -2.31	54.62 3.82 -1.81	52.53 3.80 -1.23	54.13 5.00 -0.60	57.46 6.10 -0.06	61.34 6.67 -0.02	56.38 6.22 -0.02	53.01 5.64 0.00	50.69 5.55 0.00	45.11 4.94 -0.35	40.21 3.89 0.00	38.67 3.51 0.00
WADING RIVER_IC_3 23601	37.31 2.89 0.00	35.30 2.22 0.00	34.86 1.85 0.00	33.57 1.57 0.00	35.16 1.83 0.00	37.11 1.90 0.00	42.85 1.80 0.00	49.96 2.69 0.00	50.32 3.18 -0.40	52.01 3.09 -0.76	55.38 3.94 -1.49	55.83 4.74 -2.17	55.67 3.86 -2.31	54.62 3.82 -1.81	52.53 3.80 -1.23	54.13 5.00 -0.60	57.46 6.10 -0.06	61.34 6.67 -0.02	56.38 6.22 -0.02	53.01 5.64 0.00	50.69 5.55 0.00	45.11 4.94 -0.35	40.21 3.89 0.00	38.67 3.51 0.00
WALDENNY_12_KV_BK2 80841	34.01 -0.41 0.00	32.62 -0.46 0.00	32.42 -0.59 0.00	31.71 -0.29 0.00	32.99 -0.33 0.00	35.28 0.07 0.00	40.88 -0.16 0.00	44.86 -2.41 0.00	45.34 -1.40 0.00	47.15 -1.01 0.00	48.94 -1.00 0.00	47.01 -1.91 0.00	46.97 -2.52 0.00	46.25 -2.74 0.00	44.40 -3.09 0.00	44.93 -3.59 0.00	47.09 -4.21 0.00	49.79 -4.86 0.00	45.38 -4.76 0.00	42.87 -4.50 0.00	40.54 -4.60 0.00	36.28 -3.54 0.00	34.14 -2.18 0.00	33.36 -1.79 0.00
WALDEN__HYDRO 24148	36.04 1.62 0.00	34.47 1.39 0.00	34.33 1.32 0.00	33.15 1.15 0.00	34.56 1.23 0.00	36.58 1.37 0.00	42.61 1.56 0.00	49.35 2.08 0.00	49.09 2.57 0.22	50.11 2.36 0.42	51.46 2.35 0.83	50.16 2.45 1.20	50.35 2.13 1.28	50.19 2.20 1.00	49.23 2.42 0.68	51.01 2.81 0.33	54.68 3.39 0.00	58.54 3.88 0.00	53.66 3.51 0.00	50.79 3.41 0.00	48.44 3.30 0.00	42.73 2.91 0.00	38.86 2.54 0.00	37.44 2.28 0.00
WARRENSBURG____ 23737	36.86 2.44 0.00	35.43 2.35 0.00	35.29 2.28 0.00	34.08 2.08 0.00	35.56 2.23 0.00	37.71 2.50 0.00	44.13 3.08 0.00	50.86 3.59 0.00	50.80 3.97 -0.08	52.37 4.05 -0.16	54.30 4.04 -0.32	53.48 4.11 -0.46	53.79 3.81 -0.49	53.19 3.82 -0.38	51.27 3.51 -0.26	52.44 3.79 -0.13	55.40 4.11 0.00	59.30 4.64 0.00	54.41 4.26 0.00	51.40 4.02 0.00	48.89 3.74 0.00	42.93 3.11 0.00	38.90 2.58 0.00	37.55 2.39 0.00
WATERSIDE____6 8 9 23538	36.52 2.10 0.00	34.97 1.89 0.00	34.76 1.75 0.00	33.50 1.50 0.00	34.96 1.63 0.00	36.93 1.73 0.00	42.93 1.89 0.00	49.78 2.51 0.00	50.18 3.04 -0.40	51.82 2.89 -0.76	54.23 2.80 -1.50	54.02 2.93 -2.17	54.43 2.62 -2.31	53.49 2.69 -1.81	51.72 2.99 -1.24	52.58 3.45 -0.60	55.09 3.80 0.00	58.75 4.10 0.00	53.96 3.81 0.00	51.26 3.89 0.00	48.93 3.79 0.00	43.29 3.46 0.00	39.37 3.05 0.00	38.00 2.85 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.59 0.17 0.00	33.28 0.20 0.00	33.21 0.20 0.00	32.19 0.19 0.00	33.56 0.23 0.00	35.49 0.28 0.00	41.42 0.37 0.00	47.74 0.47 0.00	47.35 0.61 0.00	48.84 0.67 0.00	50.64 0.70 0.00	49.60 0.68 0.00	50.09 0.59 0.00	49.63 0.64 0.00	48.01 0.52 0.00	49.06 0.53 0.00	51.76 0.46 0.00	55.09 0.44 0.00	50.55 0.40 0.00	47.80 0.43 0.00	45.50 0.36 0.00	40.18 0.36 0.00	36.58 0.25 0.00	35.36 0.21 0.00
WATSON__69_KV_BK 1 55734	37.41 2.99 0.00	35.53 2.45 0.00	35.02 2.01 0.00	33.73 1.73 0.00	35.26 1.93 0.00	37.28 2.08 0.00	43.22 2.18 0.00	50.34 3.07 0.00	50.70 3.55 -0.40	52.30 3.37 -0.76	55.73 4.29 -1.49	56.03 4.94 -2.17	55.91 4.11 -2.31	55.06 4.26 -1.81	53.09 4.37 -1.23	54.32 5.19 -0.60	57.57 6.21 -0.06	61.45 6.78 -0.02	56.43 6.27 -0.02	53.06 5.69 0.00	50.74 5.60 0.00	45.15 4.98 -0.35	40.39 4.07 0.00	38.81 3.66 0.00
WDELAWARE__HYD 323627	36.41 2.00 0.00	34.77 1.69 0.00	34.66 1.65 0.00	33.47 1.47 0.00	34.89 1.57 0.00	37.00 1.79 0.00	43.22 2.17 0.00	49.96 2.69 0.00	49.78 3.22 0.19	50.70 2.89 0.36	52.08 2.84 0.70	50.78 2.89 1.02	50.98 2.57 1.08	50.74 2.59 0.85	49.76 2.85 0.58	51.59 3.35 0.28	55.30 4.00 0.00	59.25 4.59 0.00	54.26 4.11 0.00	51.31 3.93 0.00	48.93 3.79 0.00	43.13 3.30 0.00	39.23 2.91 0.00	37.79 2.64 0.00

WEST BABYLON___IC 23714	37.28 2.86 0.00	35.43 2.35 0.00	34.92 1.91 0.00	33.66 1.66 0.00	35.16 1.83 0.00	37.18 1.97 0.00	43.10 2.05 0.00	50.20 2.93 0.00	50.56 3.41 -0.40	52.15 3.23 -0.76	55.48 4.04 -1.49	55.68 4.60 -2.17	55.66 3.86 -2.31	54.81 4.02 -1.81	52.90 4.18 -1.23	54.08 4.95 -0.60	57.21 5.85 -0.06	61.01 6.34 -0.02	56.08 5.92 -0.02	52.83 5.45 0.00	50.47 5.33 0.00	44.95 4.78 -0.35	40.21 3.89 0.00	38.63 3.48 0.00
WEST CANADA___HYD 24049	34.52 0.10 0.00	33.15 0.07 0.00	33.08 0.07 0.00	32.06 0.06 0.00	33.39 0.07 0.00	35.28 0.07 0.00	41.13 0.08 0.00	47.36 0.09 0.00	46.98 0.23 0.00	48.41 0.24 0.00	50.19 0.25 0.00	49.16 0.25 0.00	49.64 0.15 0.00	49.14 0.15 0.00	47.63 0.14 0.00	48.72 0.19 0.00	51.50 0.21 0.00	54.87 0.22 0.00	50.35 0.20 0.00	47.57 0.19 0.00	45.32 0.18 0.00	40.02 0.20 0.00	36.47 0.15 0.00	35.29 0.14 0.00
WESTERN_NY_WIND 24143	33.97 -0.45 0.00	32.52 -0.56 0.00	32.28 -0.73 0.00	31.55 -0.45 0.00	32.92 -0.40 0.00	35.28 0.07 0.00	40.92 -0.12 0.00	45.24 -2.03 0.00	45.67 -1.08 0.00	47.49 -0.67 0.00	49.19 -0.75 0.00	47.25 -1.66 0.00	47.37 -2.13 0.00	46.74 -2.25 0.00	44.93 -2.56 0.00	45.52 -3.01 0.00	47.81 -3.49 0.00	50.94 -3.72 0.00	46.34 -3.81 0.00	43.78 -3.60 0.00	41.39 -3.75 0.00	36.83 -2.99 0.00	34.51 -1.82 0.00	33.57 -1.58 0.00
WESTOVER___LESR 323668	34.69 0.28 0.00	33.28 0.20 0.00	33.21 0.20 0.00	32.26 0.26 0.00	33.59 0.27 0.00	35.59 0.39 0.00	41.46 0.41 0.00	47.36 0.09 0.00	47.12 0.42 0.04	48.62 0.53 0.07	50.34 0.55 0.14	49.05 0.34 0.21	49.27 0.00 0.22	48.77 -0.05 0.17	47.28 -0.09 0.12	48.32 -0.15 0.06	51.14 -0.15 0.00	54.54 -0.11 0.00	49.90 -0.25 0.00	47.14 -0.24 0.00	44.87 -0.27 0.00	39.70 -0.12 0.00	36.39 0.07 0.00	35.22 0.07 0.00
WETHRSFD_WT_PWR 323626	33.90 -0.52 0.00	32.78 -0.30 0.00	32.48 -0.53 0.00	31.71 -0.29 0.00	33.02 -0.30 0.00	35.35 0.14 0.00	40.96 -0.08 0.00	45.38 -1.89 0.00	45.62 -1.12 0.00	47.35 -0.82 0.00	49.04 -0.90 0.00	47.16 -1.76 0.00	47.07 -2.42 0.00	46.20 -2.79 0.00	44.45 -3.04 0.00	44.99 -3.54 0.00	47.29 -4.00 0.00	49.90 -4.76 0.00	45.43 -4.72 0.00	42.83 -4.55 0.00	40.54 -4.61 0.00	36.16 -3.66 0.00	33.78 -2.54 0.00	32.87 -2.28 0.00
WHAVSTOR_138KV_BK127 55557	35.93 1.51 0.00	34.41 1.32 0.00	34.23 1.22 0.00	33.09 1.09 0.00	34.49 1.17 0.00	36.44 1.23 0.00	42.32 1.27 0.00	49.07 1.80 0.00	48.33 2.29 0.70	48.96 2.12 1.33	49.48 2.15 2.61	47.42 2.30 3.79	47.40 1.93 4.03	47.89 2.06 3.16	47.57 2.23 2.15	50.09 2.62 1.05	54.32 3.03 0.00	58.10 3.44 0.00	53.31 3.16 0.00	50.51 3.13 0.00	48.17 3.02 0.00	42.61 2.79 0.00	38.76 2.43 0.00	37.33 2.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.93 1.51 0.00	34.41 1.32 0.00	34.23 1.22 0.00	33.09 1.09 0.00	34.49 1.17 0.00	36.44 1.23 0.00	42.32 1.27 0.00	49.07 1.80 0.00	48.33 2.29 0.70	48.96 2.12 1.33	49.48 2.15 2.61	47.42 2.30 3.79	47.40 1.93 4.03	47.89 2.06 3.16	47.57 2.23 2.15	50.09 2.62 1.05	54.32 3.03 0.00	58.10 3.44 0.00	53.31 3.16 0.00	50.51 3.13 0.00	48.17 3.02 0.00	42.61 2.79 0.00	38.76 2.43 0.00	37.33 2.18 0.00
WHITEHAL_115KV_TB1 80871	37.62 3.20 0.00	36.16 3.08 0.00	35.98 2.97 0.00	34.75 2.75 0.00	36.26 2.93 0.00	38.51 3.31 0.00	45.19 4.15 0.00	52.04 4.77 0.00	52.02 5.19 -0.09	53.67 5.35 -0.16	55.35 5.09 -0.32	54.56 5.18 -0.46	54.89 4.90 -0.49	54.32 4.95 -0.38	52.22 4.46 -0.26	53.41 4.76 -0.13	56.43 5.13 0.00	60.45 5.79 0.00	55.47 5.32 0.00	52.40 5.02 0.00	49.75 4.60 0.00	43.65 3.82 0.00	39.48 3.16 0.00	38.11 2.95 0.00
WHITEPLN_13_KV_LOAD 356215	36.52 2.10 0.00	34.93 1.85 0.00	34.76 1.75 0.00	33.57 1.57 0.00	34.99 1.67 0.00	36.97 1.76 0.00	43.14 2.09 0.00	50.06 2.79 0.00	50.52 3.37 -0.41	52.18 3.23 -0.78	54.77 3.30 -1.54	54.58 3.42 -2.24	54.94 3.07 -2.38	53.94 3.09 -1.86	52.04 3.28 -1.27	52.84 3.69 -0.62	55.40 4.10 0.00	59.08 4.43 0.00	54.31 4.16 0.00	51.50 4.12 0.00	49.07 3.93 0.00	43.33 3.50 0.00	39.34 3.01 0.00	37.86 2.71 0.00
WM_FLOYD_69_KV_BK2 356380	37.24 2.82 0.00	35.36 2.28 0.00	34.83 1.82 0.00	33.54 1.54 0.00	35.06 1.73 0.00	37.07 1.87 0.00	42.93 1.89 0.00	50.01 2.74 0.00	50.37 3.23 -0.40	51.96 3.03 -0.76	55.38 3.95 -1.49	55.68 4.60 -2.17	55.56 3.76 -2.31	54.72 3.92 -1.81	52.57 3.85 -1.23	54.03 4.90 -0.60	57.36 6.00 -0.06	61.17 6.50 -0.02	56.23 6.07 -0.02	52.87 5.50 0.00	50.56 5.42 0.00	44.99 4.82 -0.35	40.21 3.89 0.00	38.63 3.48 0.00
WOODARD___115KV_TB2 355635	33.76 -0.65 0.00	32.42 -0.66 0.00	32.32 -0.69 0.00	31.39 -0.61 0.00	32.62 -0.70 0.00	34.57 -0.63 0.00	40.35 -0.70 0.00	46.32 -0.95 0.00	45.95 -0.79 0.00	47.44 -0.72 0.00	49.19 -0.75 0.00	48.03 -0.88 0.00	48.41 -1.09 0.00	47.81 -1.18 0.00	46.30 -1.19 0.00	47.26 -1.26 0.00	49.96 -1.33 0.00	53.23 -1.42 0.00	48.80 -1.35 0.00	46.10 -1.28 0.00	43.97 -1.17 0.00	38.87 -0.96 0.00	35.49 -0.84 0.00	34.35 -0.81 0.00
YORK___WARBASSE 23770	36.76 2.34 0.00	35.17 2.08 0.00	34.96 1.95 0.00	33.66 1.66 0.00	35.12 1.80 0.00	37.11 1.90 0.00	43.10 2.05 0.00	49.96 2.69 0.00	50.28 3.13 -0.40	51.96 3.03 -0.76	54.33 2.90 -1.50	54.12 3.03 -2.17	54.53 2.72 -2.31	53.59 2.79 -1.81	51.81 3.09 -1.24	52.67 3.54 -0.60	55.25 3.95 0.00	58.92 4.26 0.00	54.11 3.96 0.00	51.50 4.12 0.00	49.16 4.02 0.00	43.49 3.66 0.00	39.55 3.23 0.00	38.21 3.06 0.00