

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		01/06/2024																										
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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	46.27	45.79	43.34	42.48	42.49	43.46	46.06	46.77	45.34	47.91	46.67	48.44	46.72	46.45	46.53	49.42	53.81	59.99	52.98	51.80	46.93	45.34	43.91	43.49				
	3.27	2.95	2.68	2.59	2.52	2.54	3.10	3.55	3.47	3.55	3.58	3.79	3.58	3.44	3.49	3.89	4.06	4.33	3.72	3.85	3.75	3.40	3.36	3.26				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-2.54	-6.51	-5.99	-4.73	-0.09	0.00	0.00			
74TH STREET_GT_1 24260	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	46.23	45.75	43.30	42.44	42.49	43.42	45.93	46.29	44.84	47.87	46.76	48.44	46.81	46.53	46.58	49.51	53.91	60.09	53.07	51.80	47.02	45.43	44.03	43.45				
	3.23	2.91	2.64	2.55	2.52	2.50	2.96	3.07	2.97	3.50	3.66	3.79	3.67	3.53	3.53	3.98	4.15	4.42	3.81	3.85	3.84	3.48	3.49	3.22				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-2.54	-6.51	-5.99	-4.73	-0.09	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	46.23	45.75	43.30	42.44	42.49	43.42	45.93	46.29	44.84	47.87	46.76	48.44	46.81	46.53	46.58	49.51	53.91	60.09	53.07	51.80	47.02	45.43	44.03	43.45				
	3.23	2.91	2.64	2.55	2.52	2.50	2.96	3.07	2.97	3.50	3.66	3.79	3.67	3.53	3.53	3.98	4.15	4.42	3.81	3.85	3.84	3.48	3.49	3.22				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-2.54	-6.51	-5.99	-4.73	-0.09	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	45.54	45.19	42.90	42.04	42.17	43.09	45.37	45.56	44.21	47.16	45.85	47.73	45.90	45.54	45.55	48.57	53.47	60.60	53.58	51.93	45.84	44.21	42.78	42.28				
	2.54	2.36	2.24	2.15	2.20	2.17	2.41	2.33	2.34	2.79	2.76	3.08	2.76	2.54	2.50	2.70	3.02	3.15	2.68	2.68	2.63	2.26	2.23	2.05				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.63	-3.23	-8.29	-7.63	-6.03	-0.12	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	45.76	45.45	43.10	42.24	42.37	43.34	45.67	45.99	44.71	47.56	46.16	48.04	46.16	45.80	45.81	48.84	53.75	60.95	53.85	52.20	46.06	44.42	42.98	42.48				
	2.75	2.61	2.44	2.35	2.40	2.41	2.71	2.77	2.85	3.20	3.06	3.39	3.02	2.79	2.76	2.96	3.30	3.49	2.94	2.94	2.84	2.47	2.43	2.25				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.63	-3.23	-8.30	-7.64	-6.03	-0.12	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	45.54	45.19	42.90	42.04	42.17	43.09	45.37	45.56	44.21	47.16	45.85	47.73	45.90	45.54	45.55	48.57	53.47	60.60	53.58	51.93	45.84	44.21	42.78	42.28				
	2.54	2.36	2.24	2.15	2.20	2.17	2.41	2.33	2.34	2.79	2.76	3.08	2.76	2.54	2.50	2.70	3.02	3.15	2.68	2.68	2.63	2.26	2.23	2.05				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.63	-3.23	-8.29	-7.63	-6.03	-0.12	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	45.63	45.32	42.90	42.08	42.25	43.25	45.67	46.20	44.75	47.24	45.94	47.68	45.94	45.72	45.76	48.79	53.60	60.58	53.68	52.04	46.14	44.63	43.18	42.77				
	2.62	2.48	2.23	2.19	2.28	2.33	2.71	2.98	2.89	2.88	2.84	3.04	2.80	2.71	2.71	2.96	3.26	3.39	3.03	2.98	2.93	2.69	2.63	2.54				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.57	-3.13	-8.03	-7.39	-5.84	-0.11	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	44.34	43.95	41.64	40.84	40.93	41.90	44.08	44.43	42.66	45.25	44.04	45.72	44.09	43.87	43.91	46.89	51.53	58.38	51.71	50.06	44.24	42.78	41.44	41.04				
	1.33	1.11	0.98	0.96	0.96	0.98	1.12	1.21	0.80	0.89	0.95	1.07	0.95	0.86	0.86	1.06	1.18	1.18	1.04	0.99	1.03	0.84	0.89	0.80				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.58	-3.13	-8.04	-7.40	-5.85	-0.11	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	42.62	42.71	40.70	39.93	40.05	40.96	42.83	43.05	41.82	44.18	42.75	44.16	42.75	42.75	42.75	43.76	46.55	48.57	42.62	42.71	42.71	41.73	40.38	40.07				
	-0.39	-0.13	0.04	0.04	0.08	0.04	-0.13	-0.17	-0.04	-0.18	-0.34	-0.49	-0.39	-0.26	-0.30	-0.49	-0.66	-0.59	-0.65	-0.52	-0.39	-0.21	-0.16	-0.16				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	45.11	44.81	42.45	41.60	41.69	42.68	44.90	45.34	43.75	46.22	44.95	46.70	44.99	44.73	44.81	47.69	52.41	59.11	52.34	50.77	45.06	43.62	42.21	41.88				
	2.11	1.97	1.79	1.71	1.72	1.76	1.94	2.12	1.89	1.86	1.85	2.05	1.85	1.72	1.77	1.90	2.13	2.06	1.82	1.82	1.85	1.68	1.66	1.65				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.55	-3.07	-7.89	-7.26	-5.73	-0.11	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	45.11	44.76	42.41	41.60	41.69	42.68	44.90	45.34	43.75	46.22	44.95	46.70	44.99	44.73	44.77	47.69	52.42	59.11	52.34	50.77	45.06	43.58	42.21	41.88				
	2.11	1.93	1.75	1.71	1.72	1.76	1.94	2.12	1.89	1.86	1.85	2.05	1.85	1.72	1.72	1.90	2.13	2.06	1.82	1.82	1.85	1.63	1.66	1.65				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.55	-3.07	-7.89	-7.26	-5.73	-0.11	0.00	0.00	0.00			
ALBANY___1 23571	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST			
	44.34	43.95	41.64	40.84	40.93	41.90	44.08	44.43	42.66	45.25	44.04	45.72	44.09	43.87	43.91	46.89	51.53	58.38	51.71	50.06	44.24	42.78	41.44	41.04				
	1.33	1.11	0.98	0.96	0.96	0.98	1.12	1.21	0.80	0.89	0.95	1.07	0.95	0.86	0.86	1.06	1.18	1.18	1.04	0.99	1.03	0.84	0.89	0.80				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.58	-3.13	-8.04	-7.40	-5.85	-0.11	0.00	0.00	0.00			

ALBANY___2 23572	44.34 1.33 0.00	43.95 1.11 0.00	41.64 0.98 0.00	40.84 0.96 0.00	40.93 0.96 0.00	41.90 0.98 0.00	44.08 1.12 0.00	44.43 1.21 0.00	42.66 0.80 0.00	45.25 0.89 0.00	44.04 0.95 0.00	45.72 1.07 0.00	44.09 0.95 0.00	43.87 0.86 0.00	43.91 0.86 0.00	46.89 1.06 -1.58	51.53 1.18 -3.13	58.38 1.18 -8.04	51.71 1.04 -7.40	50.06 0.99 -5.85	44.24 1.03 -0.11	42.78 0.84 0.00	41.44 0.89 0.00	41.04 0.80 0.00
ALBANY___3 23573	44.34 1.33 0.00	43.95 1.11 0.00	41.64 0.98 0.00	40.84 0.96 0.00	40.93 0.96 0.00	41.90 0.98 0.00	44.08 1.12 0.00	44.43 1.21 0.00	42.66 0.80 0.00	45.25 0.89 0.00	44.04 0.95 0.00	45.72 1.07 0.00	44.09 0.95 0.00	43.87 0.86 0.00	43.91 0.86 0.00	46.89 1.06 -1.58	51.53 1.18 -3.13	58.38 1.18 -8.04	51.71 1.04 -7.40	50.06 0.99 -5.85	44.24 1.03 -0.11	42.78 0.84 0.00	41.44 0.89 0.00	41.04 0.80 0.00
ALBANY___4 23574	44.34 1.33 0.00	43.95 1.11 0.00	41.64 0.98 0.00	40.84 0.96 0.00	40.93 0.96 0.00	41.90 0.98 0.00	44.08 1.12 0.00	44.43 1.21 0.00	42.66 0.80 0.00	45.25 0.89 0.00	44.04 0.95 0.00	45.72 1.07 0.00	44.09 0.95 0.00	43.87 0.86 0.00	43.91 0.86 0.00	46.89 1.06 -1.58	51.53 1.18 -3.13	58.38 1.18 -8.04	51.71 1.04 -7.40	50.06 0.99 -5.85	44.24 1.03 -0.11	42.78 0.84 0.00	41.44 0.89 0.00	41.04 0.80 0.00
ALBANY___LFGE 323615	44.73 1.72 0.00	44.33 1.50 0.00	42.00 1.34 0.00	41.20 1.31 0.00	41.29 1.32 0.00	42.27 1.35 0.00	44.55 1.59 0.00	45.04 1.82 0.00	43.37 1.50 0.00	45.82 1.46 0.00	44.56 1.47 0.00	46.25 1.60 0.00	44.61 1.47 0.00	44.34 1.33 0.00	44.43 1.38 0.00	47.39 1.55 -1.59	52.07 1.70 -3.16	58.99 1.72 -8.11	52.25 1.51 -7.47	50.63 1.51 -5.90	44.68 1.47 -0.11	43.20 1.26 0.00	41.84 1.30 0.00	41.44 1.21 0.00
ALCOA_PA_115KV_PL-6C 55860	42.66 -0.34 0.00	42.79 -0.04 0.00	40.78 0.12 0.00	40.01 0.12 0.00	40.17 0.20 0.00	41.04 0.12 0.00	42.92 -0.04 0.00	43.14 -0.09 0.00	41.91 0.04 0.00	44.27 -0.09 0.00	42.84 -0.26 0.00	44.29 -0.36 0.00	42.88 -0.26 0.00	42.92 -0.09 0.00	42.88 -0.17 0.00	43.85 -0.40 0.00	46.69 -0.52 0.00	48.72 -0.44 0.00	42.75 -0.52 0.00	42.84 -0.39 0.00	42.79 -0.30 0.00	41.82 -0.13 0.00	40.42 -0.12 0.00	40.15 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	42.66 -0.34 0.00	42.79 -0.04 0.00	40.78 0.12 0.00	40.01 0.12 0.00	40.17 0.20 0.00	41.04 0.12 0.00	42.92 -0.04 0.00	43.14 -0.09 0.00	41.91 0.04 0.00	44.27 -0.09 0.00	42.84 -0.26 0.00	44.29 -0.36 0.00	42.88 -0.26 0.00	42.92 -0.09 0.00	42.88 -0.17 0.00	43.85 -0.40 0.00	46.69 -0.52 0.00	48.72 -0.44 0.00	42.75 -0.52 0.00	42.84 -0.39 0.00	42.79 -0.30 0.00	41.82 -0.13 0.00	40.42 -0.12 0.00	40.15 -0.08 0.00
ALCOA___DSASP 323711	42.66 -0.35 0.00	42.79 -0.04 0.00	40.78 0.12 0.00	40.01 0.12 0.00	40.17 0.20 0.00	41.05 0.12 0.00	42.84 -0.13 0.00	42.71 -0.52 0.00	41.40 -0.46 0.00	44.18 -0.18 0.00	42.84 -0.26 0.00	44.34 -0.31 0.00	42.88 -0.26 0.00	42.92 -0.09 0.00	42.84 -0.21 0.00	43.85 -0.40 0.00	46.70 -0.52 0.00	48.71 -0.44 0.00	42.75 -0.52 0.00	42.79 -0.43 0.00	42.80 -0.30 0.00	41.82 -0.13 0.00	40.43 -0.12 0.00	40.15 -0.08 0.00
ALLEGHENY___COGEN 23514	43.27 0.26 0.00	42.88 0.04 0.00	40.78 0.12 0.00	40.01 0.12 0.00	40.01 0.04 0.00	41.21 0.29 0.00	43.18 0.22 0.00	43.75 0.52 0.00	42.41 0.54 0.00	43.83 -0.53 0.00	42.71 -0.39 0.00	44.29 -0.36 0.00	42.62 -0.52 0.00	42.36 -0.64 0.00	42.79 -0.26 0.00	44.34 -0.13 -0.22	48.22 0.57 -0.44	50.68 0.39 -1.13	45.00 0.69 -1.04	44.65 0.60 -0.82	43.37 0.26 -0.02	41.82 -0.13 0.00	40.10 -0.45 0.00	40.23 0.00 0.00
ALTAMONT_115KV_TB 2 55880	44.51 1.51 0.00	44.21 1.37 0.00	41.88 1.22 0.00	41.08 1.20 0.00	41.17 1.20 0.00	42.15 1.23 0.00	44.34 1.37 0.00	44.65 1.43 0.00	43.12 1.26 0.00	45.78 1.42 0.00	44.56 1.47 0.00	46.21 1.56 0.00	44.61 1.47 0.00	44.38 1.38 0.00	44.43 1.38 0.00	47.42 1.59 -1.58	52.09 1.75 -3.13	58.97 1.77 -8.04	52.22 1.56 -7.40	50.62 1.56 -5.84	44.76 1.55 -0.11	43.29 1.34 0.00	41.88 1.34 0.00	41.52 1.29 0.00
ALTONA_WT_PWR 323606	43.05 0.04 0.00	43.69 0.86 0.00	41.96 1.30 0.00	41.36 1.48 0.00	41.65 1.68 0.00	42.11 1.19 0.00	43.78 0.81 0.00	43.57 0.34 0.00	42.07 0.21 0.00	44.98 0.62 0.00	43.74 0.65 0.00	45.27 0.62 0.00	43.79 0.65 0.00	43.74 0.73 0.00	43.48 0.43 0.00	44.51 0.27 0.00	47.45 0.24 0.00	49.45 0.30 0.00	43.27 0.00 0.00	43.31 0.09 0.00	43.23 0.13 0.00	42.11 0.17 0.00	40.71 0.16 0.00	40.48 0.24 0.00
AMERICAN_REF_FUEL 24010	39.14 -3.87 0.00	38.81 -4.03 0.00	37.04 -3.62 0.00	36.30 -3.59 0.00	36.30 -3.68 0.00	37.32 -3.60 0.00	38.92 -4.04 0.00	39.29 -3.93 0.00	38.01 -3.85 0.00	38.86 -5.50 0.00	38.05 -5.04 0.00	39.51 -5.13 0.00	38.48 -4.66 0.00	38.19 -4.82 0.00	38.36 -4.69 0.00	39.62 -4.82 -0.19	42.68 -4.91 -0.38	44.68 -5.46 -0.98	39.84 -4.33 -0.90	39.53 -4.41 -0.71	38.24 -4.87 -0.01	37.08 -4.86 0.00	35.52 -5.03 0.00	36.21 -4.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.97 -1.03 0.00	41.64 -1.20 0.00	39.68 -0.98 0.00	38.85 -1.04 0.00	38.81 -1.16 0.00	39.90 -1.02 0.00	41.63 -1.33 0.00	42.06 -1.17 0.00	40.65 -1.22 0.00	41.70 -2.66 0.00	40.77 -2.33 0.00	42.37 -2.28 0.00	41.20 -1.94 0.00	40.90 -2.11 0.00	41.11 -1.94 0.00	41.85 -2.61 -0.22	45.94 -1.70 -0.43	47.36 -2.90 -1.10	42.16 -2.12 -1.01	41.77 -2.25 -0.80	40.92 -2.20 -0.02	39.97 -1.97 0.00	38.24 -2.31 0.00	38.82 -1.41 0.00
ARTHUR KILL_GT_1 23520	46.37 3.36 -0.01	45.84 3.00 -0.01	43.39 2.72 -0.01	42.53 2.63 -0.01	42.58 2.60 -0.01	43.50 2.58 0.00	46.01 3.05 0.00	46.55 3.33 0.00	45.04 3.18 0.00	47.92 3.50 -0.06	122.30 3.53 -75.67	132.70 3.75 -84.30	88.23 3.54 -41.55	75.73 3.40 -29.32	121.10 3.45 -74.61	49.47 3.89 -1.33	139.69 4.11 -88.37	101.36 4.37 -47.83	60.80 3.85 -13.68	51.82 3.80 -4.79	47.02 3.83 -0.09	92.83 3.48 -47.41	44.10 3.44 -0.11	43.46 3.22 -0.01
ARTHUR_KILL_2 23512	46.24 3.23 -0.01	45.71 2.87 -0.01	43.27 2.60 -0.01	42.41 2.51 -0.01	42.46 2.48 -0.01	43.38 2.46 0.00	45.89 2.92 0.00	46.42 3.20 0.00	44.92 3.05 0.00	47.79 3.37 -0.06	122.17 3.40 -75.67	132.56 3.61 -84.30	88.10 3.41 -41.55	75.60 3.27 -29.32	120.97 3.32 -74.61	49.34 3.76 -1.33	139.50 3.92 -88.37	101.21 4.23 -47.83	60.62 3.68 -13.68	51.64 3.63 -4.79	46.89 3.71 -0.09	92.71 3.36 -47.41	43.98 3.33 -0.11	43.34 3.10 -0.01
ARTHUR_KILL_3 23513	45.80 2.79 0.00	45.32 2.48 0.00	42.90 2.23 0.00	42.04 2.15 0.00	42.09 2.12 0.00	43.00 2.09 0.01	45.54 2.58 0.00	46.29 3.07 0.00	44.88 3.02 0.00	47.56 3.15 -0.05	121.95 3.19 -75.66	132.33 3.39 -84.29	87.87 3.19 -41.54	75.38 3.05 -29.32	120.75 3.10 -74.60	49.07 3.49 -1.32	139.21 3.64 -88.36	100.81 3.84 -47.82	60.27 3.33 -13.67	51.42 3.41 -4.78	46.59 3.40 -0.09	92.41 3.06 -47.40	43.69 3.04 -0.10	43.05 2.82 0.00

ARTHUR_KILL_COGEN 323718	46.37 3.36 -0.01	45.84 3.00 -0.01	43.39 2.72 -0.01	42.53 2.63 -0.01	42.58 2.60 -0.01	43.50 2.58 0.00	46.01 3.05 0.00	46.55 3.33 0.00	45.04 3.18 0.00	47.92 3.50 -0.06	122.30 3.53 -75.67	132.70 3.75 -84.30	88.23 3.54 -41.55	75.73 3.40 -29.32	121.10 3.45 -74.61	49.47 3.89 -1.33	139.69 4.11 -88.37	101.36 4.37 -47.83	60.80 3.85 -13.68	51.82 3.80 -4.79	47.02 3.83 -0.09	92.83 3.48 -47.41	44.10 3.44 -0.11	43.46 3.22 -0.01
ASHOKAN____ 23654	46.06 3.05 0.00	45.54 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.29 2.37 0.00	45.41 2.45 0.00	45.91 2.68 0.00	44.29 2.43 0.00	46.84 2.48 0.00	45.38 2.28 0.00	47.06 2.41 0.00	45.21 2.07 0.00	44.77 1.76 0.00	44.94 1.89 0.00	47.61 1.94 -1.42	52.78 2.74 -2.83	57.99 1.57 -7.26	51.29 1.34 -6.68	49.62 1.12 -5.28	45.52 2.33 -0.10	43.96 2.01 0.00	42.53 1.99 0.00	42.16 1.93 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.20 3.18 -0.01	45.84 3.00 -0.01	43.39 2.72 -0.01	42.57 2.67 -0.01	42.58 2.60 -0.01	43.58 2.66 0.00	45.89 2.92 0.00	46.37 3.15 0.01	44.95 3.10 0.01	47.77 3.42 0.01	46.58 3.49 0.01	48.30 3.66 0.01	46.62 3.49 0.01	46.36 3.36 0.01	46.44 3.40 0.01	49.32 3.81 -1.27	53.72 3.97 -2.54	59.95 4.27 -6.52	52.93 3.68 -5.99	51.63 3.67 -4.73	46.84 3.66 -0.08	45.35 3.40 -0.01	43.88 3.33 -0.01	43.50 3.26 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	46.20 3.18 -0.01	45.84 3.00 -0.01	43.39 2.72 -0.01	42.57 2.67 -0.01	42.58 2.60 -0.01	43.58 2.66 0.00	45.89 2.92 0.00	46.37 3.15 0.01	44.95 3.10 0.01	47.77 3.42 0.01	46.58 3.49 0.01	48.30 3.66 0.01	46.62 3.49 0.01	46.36 3.36 0.01	46.44 3.40 0.01	49.32 3.81 -1.27	53.72 3.97 -2.54	59.95 4.27 -6.52	52.93 3.68 -5.99	51.63 3.67 -4.73	46.84 3.66 -0.08	45.35 3.40 -0.01	43.88 3.33 -0.01	43.50 3.26 -0.01
ASTORIA_GT2_1 24094	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT2_2 24095	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT2_3 24096	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT2_4 24097	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT3_1 24098	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT3_2 24099	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT3_3 24100	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT3_4 24101	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT4_1 24102	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT4_2 24103	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT4_3 24104	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01

ASTORIA_GT4_4 24105	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.58 2.72 0.00	47.64 3.28 0.00	46.63 3.53 0.00	48.26 3.62 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.28 3.76 -1.28	53.76 4.01 -2.54	59.95 4.28 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.81 3.62 -0.09	45.35 3.40 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
ASTORIA_GT_1 23523	46.33 3.31 -0.01	45.93 3.09 -0.01	43.47 2.80 -0.01	42.64 2.75 -0.01	42.66 2.68 -0.01	43.66 2.74 0.00	45.97 3.01 0.00	46.46 3.24 0.01	45.08 3.22 0.01	47.86 3.50 0.01	46.71 3.62 0.01	48.43 3.79 0.01	46.76 3.62 0.01	46.44 3.44 0.01	46.53 3.49 0.01	49.41 3.89 -1.27	53.86 4.11 -2.54	60.05 4.37 -6.52	53.07 3.81 -5.99	51.72 3.76 -4.73	46.97 3.79 -0.08	45.43 3.48 -0.01	44.00 3.44 -0.01	43.58 3.34 -0.01
ASTORIA_GT_10 24110	46.28 3.27 -0.01	45.80 2.96 -0.01	43.35 2.68 -0.01	42.49 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.89 2.92 0.00	46.12 2.90 0.00	44.71 2.85 0.00	47.78 3.42 0.00	46.72 3.62 0.00	48.40 3.75 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.89 3.71 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.46 3.22 -0.01
ASTORIA_GT_11 24225	46.28 3.27 -0.01	45.80 2.96 -0.01	43.35 2.68 -0.01	42.49 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.89 2.92 0.00	46.12 2.90 0.00	44.71 2.85 0.00	47.78 3.42 0.00	46.72 3.62 0.00	48.40 3.75 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.89 3.71 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.46 3.22 -0.01
ASTORIA_GT_12 24226	46.28 3.27 -0.01	45.80 2.96 -0.01	43.35 2.68 -0.01	42.49 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.89 2.92 0.00	46.12 2.90 0.00	44.71 2.85 0.00	47.78 3.42 0.00	46.72 3.62 0.00	48.40 3.75 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.89 3.71 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.46 3.22 -0.01
ASTORIA_GT_13 24227	46.28 3.27 -0.01	45.80 2.96 -0.01	43.35 2.68 -0.01	42.49 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.89 2.92 0.00	46.12 2.90 0.00	44.71 2.85 0.00	47.78 3.42 0.00	46.72 3.62 0.00	48.40 3.75 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.89 3.71 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.46 3.22 -0.01
ASTORIA_GT_5 24106	46.33 3.31 -0.01	45.93 3.08 -0.01	43.47 2.81 -0.01	42.65 2.75 -0.01	42.66 2.68 -0.01	43.66 2.74 0.00	45.93 2.96 0.00	45.99 2.77 0.00	44.67 2.80 0.00	47.73 3.37 0.00	46.72 3.62 0.00	48.35 3.71 0.00	46.76 3.62 0.00	46.45 3.44 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.07 3.81 -5.99	51.72 3.76 -4.73	46.89 3.71 -0.09	45.43 3.48 -0.01	44.00 3.45 -0.01	43.58 3.34 -0.01
ASTORIA_GT_7 24107	46.33 3.31 -0.01	45.93 3.08 -0.01	43.47 2.81 -0.01	42.65 2.75 -0.01	42.66 2.68 -0.01	43.66 2.74 0.00	45.93 2.96 0.00	45.99 2.77 0.00	44.67 2.80 0.00	47.73 3.37 0.00	46.72 3.62 0.00	48.35 3.71 0.00	46.76 3.62 0.00	46.45 3.44 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.07 3.81 -5.99	51.72 3.76 -4.73	46.89 3.71 -0.09	45.43 3.48 -0.01	44.00 3.45 -0.01	43.58 3.34 -0.01
ASTORIA_GT_8 24108	46.33 3.31 -0.01	45.93 3.08 -0.01	43.47 2.81 -0.01	42.65 2.75 -0.01	42.66 2.68 -0.01	43.66 2.74 0.00	45.93 2.96 0.00	45.99 2.77 0.00	44.67 2.80 0.00	47.73 3.37 0.00	46.72 3.62 0.00	48.35 3.71 0.00	46.76 3.62 0.00	46.45 3.44 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.07 3.81 -5.99	51.72 3.76 -4.73	46.89 3.71 -0.09	45.43 3.48 -0.01	44.00 3.45 -0.01	43.58 3.34 -0.01
ASTORIA___2 24149	46.24 3.23 -0.01	45.84 3.00 -0.01	43.43 2.77 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.89 2.92 0.00	46.37 3.15 0.01	45.00 3.14 0.01	47.77 3.42 0.01	46.62 3.53 0.01	48.34 3.70 0.01	46.67 3.54 0.01	46.36 3.36 0.01	46.44 3.40 0.01	49.32 3.81 -1.27	53.76 4.01 -2.54	59.95 4.27 -6.52	52.98 3.72 -5.99	51.63 3.67 -4.73	46.89 3.71 -0.08	45.35 3.40 -0.01	43.92 3.36 -0.01	43.50 3.26 -0.01
ASTORIA___3 23516	46.24 3.23 -0.01	45.80 2.95 -0.01	43.35 2.68 -0.01	42.48 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.93 2.96 0.00	46.55 3.33 0.00	45.13 3.27 0.00	47.91 3.55 0.00	46.72 3.62 0.00	48.44 3.79 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.53 3.49 0.00	49.46 3.94 -1.28	53.86 4.11 -2.54	60.05 4.37 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.98 3.79 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.46 3.22 -0.01
ASTORIA___4 23517	46.28 3.27 -0.01	45.80 2.96 -0.01	43.35 2.68 -0.01	42.49 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.89 2.92 0.00	46.12 2.90 0.00	44.71 2.85 0.00	47.78 3.42 0.00	46.72 3.62 0.00	48.40 3.75 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.89 3.71 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.46 3.22 -0.01
ASTORIA___5 23518	46.24 3.23 -0.01	45.80 2.95 -0.01	43.35 2.68 -0.01	42.48 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.93 2.96 0.00	46.55 3.33 0.00	45.13 3.27 0.00	47.91 3.55 0.00	46.72 3.62 0.00	48.44 3.79 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.53 3.49 0.00	49.46 3.94 -1.28	53.86 4.11 -2.54	60.05 4.37 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.98 3.79 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.46 3.22 -0.01
AST_ENERGY_2_CC3 323677	45.97 2.97 0.00	45.49 2.66 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.70 4.03 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.79 3.24 0.00	43.21 2.98 0.00
AST_ENERGY_2_CC4 323678	45.97 2.97 0.00	45.49 2.66 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.70 4.03 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.79 3.24 0.00	43.21 2.98 0.00

ATHENS_STG_1 23668	44.81 1.81 0.00	44.46 1.63 0.00	42.12 1.46 0.00	41.32 1.43 0.00	41.41 1.44 0.00	42.35 1.43 0.00	44.73 1.76 0.00	45.26 2.03 0.00	43.79 1.93 0.00	46.31 1.95 0.00	45.04 1.94 0.00	46.75 2.10 0.00	45.08 1.94 0.00	44.85 1.85 0.00	44.90 1.85 0.00	47.79 2.12 -1.42	52.29 2.27 -2.81	58.74 2.36 -7.22	51.99 2.08 -6.64	50.55 2.07 -5.25	45.22 2.03 -0.10	43.79 1.84 0.00	42.37 1.83 0.00	41.92 1.69 0.00
ATHENS_STG_2 23670	44.81 1.81 0.00	44.46 1.63 0.00	42.12 1.46 0.00	41.32 1.43 0.00	41.41 1.44 0.00	42.35 1.43 0.00	44.73 1.76 0.00	45.26 2.03 0.00	43.79 1.93 0.00	46.31 1.95 0.00	45.04 1.94 0.00	46.75 2.10 0.00	45.08 1.94 0.00	44.85 1.85 0.00	44.90 1.85 0.00	47.79 2.12 -1.42	52.29 2.27 -2.81	58.74 2.36 -7.22	51.99 2.08 -6.64	50.55 2.07 -5.25	45.22 2.03 -0.10	43.79 1.84 0.00	42.37 1.83 0.00	41.92 1.69 0.00
ATHENS_STG_3 23677	44.81 1.81 0.00	44.46 1.63 0.00	42.12 1.46 0.00	41.32 1.43 0.00	41.41 1.44 0.00	42.35 1.43 0.00	44.73 1.76 0.00	45.26 2.03 0.00	43.79 1.93 0.00	46.31 1.95 0.00	45.04 1.94 0.00	46.75 2.10 0.00	45.08 1.94 0.00	44.85 1.85 0.00	44.90 1.85 0.00	47.79 2.12 -1.42	52.29 2.27 -2.81	58.74 2.36 -7.22	51.99 2.08 -6.64	50.55 2.07 -5.25	45.22 2.03 -0.10	43.79 1.84 0.00	42.37 1.83 0.00	41.92 1.69 0.00
AUBURN___LFGE 323710	42.62 -0.39 0.00	42.32 -0.51 0.00	40.21 -0.45 0.00	39.41 -0.48 0.00	39.45 -0.52 0.00	40.51 -0.41 0.00	42.49 -0.47 0.00	42.75 -0.48 0.00	41.40 -0.46 0.00	43.96 -0.40 0.00	42.88 -0.22 0.00	44.51 -0.13 0.00	42.92 -0.22 0.00	42.71 -0.30 0.00	42.75 -0.30 0.00	44.19 -0.22 -0.16	47.49 -0.05 -0.32	49.89 -0.10 -0.83	44.03 0.00 -0.77	43.70 -0.13 -0.60	42.81 -0.30 -0.01	41.48 -0.46 0.00	39.98 -0.57 0.00	39.75 -0.48 0.00
BABYLON_RES_REC 323704	53.74 3.95 -6.78	48.03 3.64 -1.55	44.00 3.33 0.00	43.08 3.19 0.00	43.05 3.08 0.00	43.91 2.99 0.00	49.84 3.78 -3.10	52.69 4.24 -5.22	58.11 4.15 -12.11	63.31 4.26 -14.69	48.27 4.27 -0.90	49.68 4.29 -0.74	49.22 4.05 -2.03	49.00 4.00 -2.00	49.14 4.00 -2.09	50.05 4.42 -1.38	54.94 4.72 -3.01	61.46 5.02 -7.29	53.70 4.33 -6.11	52.15 4.19 -4.74	48.04 4.48 -0.46	47.03 3.99 -1.10	46.76 3.93 -2.28	45.56 3.78 -1.55
BABYLON__69_KV_BK2 356345	54.30 4.52 -6.78	48.59 4.20 -1.55	44.48 3.82 0.00	43.59 3.71 0.00	43.53 3.56 0.00	44.40 3.48 0.00	50.36 4.30 -3.10	52.81 4.37 -5.22	58.20 4.23 -12.11	63.75 4.70 -14.69	48.83 4.83 -0.90	50.43 4.55 -1.23	49.57 4.36 -2.07	49.31 4.30 -2.01	49.67 4.26 -2.36	50.52 4.69 -1.58	56.24 5.05 -3.97	63.45 5.41 -8.89	54.25 4.63 -6.35	52.47 4.50 -4.75	48.48 4.91 -0.47	47.29 4.24 -1.11	47.43 4.14 -2.75	45.97 4.18 -1.55
BALL_HILL_WT_PWR 323825	41.16 -1.85 0.00	40.82 -2.01 0.00	38.91 -1.75 0.00	38.13 -1.75 0.00	38.13 -1.84 0.00	39.20 -1.72 0.00	40.99 -1.98 0.00	41.41 -1.81 0.00	40.06 -1.80 0.00	41.08 -3.28 0.00	40.12 -2.97 0.00	41.75 -2.90 0.00	40.55 -2.59 0.00	40.25 -2.75 0.00	40.42 -2.63 0.00	41.09 -3.36 -0.21	45.08 -2.55 -0.42	46.45 -3.78 -1.08	41.32 -2.94 -0.99	40.94 -3.07 -0.78	40.09 -3.02 -0.01	39.17 -2.77 0.00	37.50 -3.04 0.00	38.10 -2.13 0.00
BARON_WINDS___WT_PWR 323822	42.23 -0.77 0.00	41.89 -0.94 0.00	39.89 -0.77 0.00	39.09 -0.80 0.00	39.13 -0.84 0.00	40.19 -0.74 0.00	42.10 -0.86 0.00	42.53 -0.69 0.00	41.15 -0.71 0.00	42.59 -1.78 0.00	41.55 -1.55 0.00	43.13 -1.52 0.00	41.76 -1.38 0.00	41.42 -1.59 0.00	41.80 -1.25 0.00	42.76 -1.77 -0.29	46.74 -1.04 -0.57	48.74 -1.87 -1.45	43.18 -1.43 -1.34	42.77 -1.51 -1.06	41.65 -1.47 -0.02	40.60 -1.34 0.00	39.01 -1.54 0.00	39.23 -1.00 0.00
BARRETT_IC_1 23704	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT_IC_10 23701	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT_IC_11 23702	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT_IC_12 23703	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT_IC_2 23705	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT_IC_3 23706	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT_IC_4 23707	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55

BARRETT_IC_5 23708	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT_IC_6 23709	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT_IC_7 23710	53.23 3.44 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.54 2.62 0.00	49.33 3.27 -3.10	51.82 3.37 -5.22	57.15 3.18 -12.11	62.60 3.55 -14.69	47.71 3.71 -0.90	48.99 3.84 -0.51	48.85 3.71 -2.00	48.57 3.57 -1.99	48.58 3.57 -1.96	49.46 3.94 -1.28	53.91 4.15 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.67 3.72 -4.73	47.44 3.88 -0.46	46.61 3.57 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT_IC_8 23711	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT_IC_9 23700	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT___1 23545	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BARRETT___2 23546	53.19 3.40 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.42 3.35 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	62.73 3.68 -14.69	47.71 3.71 -0.90	49.04 3.88 -0.51	48.85 3.71 -2.00	48.56 3.57 -1.99	48.62 3.62 -1.96	49.51 3.98 -1.28	53.91 4.16 -2.54	59.99 4.33 -6.51	52.98 3.72 -5.99	51.71 3.76 -4.73	47.39 3.83 -0.46	46.60 3.56 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
BATAVIA__115KV_TB1 55881	40.94 -2.06 0.00	40.57 -2.27 0.00	38.71 -1.95 0.00	37.93 -1.95 0.00	37.93 -2.04 0.00	39.04 -1.88 0.00	40.56 -2.41 0.00	40.46 -2.77 0.00	38.97 -2.89 0.00	41.17 -3.19 0.00	40.25 -2.84 0.00	42.06 -2.59 0.00	40.59 -2.55 0.00	40.34 -2.67 0.00	40.42 -2.63 0.00	41.86 -2.57 -0.18	45.16 -2.41 -0.35	47.26 -2.80 -0.91	42.07 -2.03 -0.83	41.59 -2.29 -0.66	40.44 -2.67 -0.01	39.13 -2.81 0.00	37.46 -3.08 0.00	37.94 -2.29 0.00
BAYONEEC___CTG1 323682	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
BAYONEEC___CTG10 323750	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
BAYONEEC___CTG2 323683	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
BAYONEEC___CTG3 323684	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
BAYONEEC___CTG4 323685	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
BAYONEEC___CTG5 323686	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
BAYONEEC___CTG6 323687	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00

BAYONEEC___CTG7 323688	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
BAYONEEC___CTG8 323689	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
BAYONEEC___CTG9 323749	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.72 2.75 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.51 3.37 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.19 3.67 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.50 3.55 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
BEACON___LESR 323632	45.07 2.06 0.00	44.68 1.84 0.00	42.33 1.67 0.00	41.48 1.60 0.00	41.61 1.64 0.00	42.64 1.72 0.00	44.94 1.98 0.00	45.47 2.25 0.00	43.83 1.97 0.00	46.31 1.95 0.00	44.99 1.89 0.00	46.75 2.10 0.00	44.99 1.85 0.00	44.73 1.72 0.00	44.77 1.72 0.00	47.77 1.94 -1.58	52.52 2.17 -3.13	59.46 2.26 -8.03	52.65 1.99 -7.39	51.01 1.95 -5.84	45.15 1.94 -0.11	43.62 1.68 0.00	42.25 1.70 0.00	41.88 1.65 0.00
BEAVER RIVER___HYD 24048	42.58 -0.43 0.00	42.41 -0.43 0.00	40.29 -0.37 0.00	39.57 -0.32 0.00	39.65 -0.32 0.00	40.68 -0.24 0.00	42.75 -0.21 0.00	43.05 -0.17 0.00	41.74 -0.13 0.00	44.36 0.00 0.00	43.05 -0.04 0.00	44.65 0.00 0.00	43.14 0.00 0.00	43.01 0.00 0.00	43.01 -0.04 0.00	44.21 -0.09 -0.05	47.36 0.05 -0.10	49.46 0.05 -0.25	43.41 -0.09 -0.23	43.32 -0.09 -0.18	42.75 -0.35 0.00	41.52 -0.42 0.00	39.98 -0.57 0.00	39.63 -0.60 0.00
BEEBEE_GT_13 23619	41.03 -1.98 0.00	40.69 -2.14 0.00	38.75 -1.91 0.00	37.97 -1.91 0.00	38.01 -1.96 0.00	39.08 -1.84 0.00	40.77 -2.19 0.00	40.85 -2.38 0.00	39.44 -2.43 0.00	41.74 -2.62 0.00	40.81 -2.28 0.00	42.50 -2.14 0.00	41.07 -2.07 0.00	40.81 -2.19 0.00	40.85 -2.20 0.00	42.63 -1.77 -0.15	45.44 -2.08 -0.30	48.02 -1.92 -0.78	42.60 -1.38 -0.72	42.19 -1.60 -0.57	40.87 -2.24 -0.01	39.55 -2.39 0.00	37.99 -2.55 0.00	38.18 -2.05 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.67 3.66 -0.01	46.14 3.30 -0.01	43.68 3.01 -0.01	42.77 2.87 -0.01	42.82 2.84 -0.01	43.75 2.82 0.00	46.23 3.27 0.00	46.47 3.24 0.00	45.00 3.14 0.00	48.23 3.82 -0.06	122.78 4.01 -75.67	133.10 4.15 -84.30	88.70 4.01 -41.55	76.20 3.87 -29.32	121.53 3.87 -74.61	49.83 4.25 -1.33	140.16 4.58 -88.37	101.85 4.87 -47.83	61.15 4.20 -13.68	52.21 4.19 -4.79	47.32 4.14 -0.09	93.21 3.86 -47.41	44.47 3.81 -0.11	43.82 3.58 -0.01
BETHLEHEM___GRP 23843	44.34 1.33 0.00	43.95 1.11 0.00	41.64 0.98 0.00	40.84 0.96 0.00	40.93 0.96 0.00	41.90 0.98 0.00	44.08 1.12 0.00	44.43 1.21 0.00	42.66 0.80 0.00	45.25 0.89 0.00	44.04 0.95 0.00	45.72 1.07 0.00	44.09 0.95 0.00	43.87 0.86 0.00	43.91 0.86 0.00	46.89 1.06 -1.58	51.53 1.18 -3.13	58.38 1.18 -8.04	51.71 1.04 -7.40	50.06 0.99 -5.85	44.24 1.03 -0.11	42.78 0.84 0.00	41.44 0.89 0.00	41.04 0.80 0.00
BETHLEHEM___GS1 323560	44.34 1.33 0.00	43.95 1.11 0.00	41.63 0.97 0.00	40.84 0.96 0.00	40.93 0.96 0.00	41.90 0.98 0.00	44.16 1.20 0.00	44.65 1.42 0.00	42.91 1.05 0.00	45.34 0.97 0.00	44.04 0.95 0.00	45.76 1.12 0.00	44.09 0.95 0.00	43.87 0.86 0.00	43.91 0.86 0.00	46.88 1.06 -1.58	51.53 1.18 -3.13	58.38 1.18 -8.04	51.70 1.04 -7.40	50.11 1.04 -5.85	44.20 0.99 -0.11	42.78 0.84 0.00	41.44 0.89 0.00	41.04 0.80 0.00
BETHLEHEM___GS2 323561	44.34 1.33 0.00	43.95 1.11 0.00	41.63 0.97 0.00	40.84 0.96 0.00	40.93 0.96 0.00	41.90 0.98 0.00	44.16 1.20 0.00	44.65 1.42 0.00	42.91 1.05 0.00	45.34 0.97 0.00	44.04 0.95 0.00	45.76 1.12 0.00	44.09 0.95 0.00	43.87 0.86 0.00	43.91 0.86 0.00	46.88 1.06 -1.58	51.53 1.18 -3.13	58.38 1.18 -8.04	51.70 1.04 -7.40	50.11 1.04 -5.85	44.20 0.99 -0.11	42.78 0.84 0.00	41.44 0.89 0.00	41.04 0.80 0.00
BETHLEHEM___GS3 323562	44.34 1.33 0.00	43.95 1.11 0.00	41.63 0.97 0.00	40.84 0.96 0.00	40.93 0.96 0.00	41.90 0.98 0.00	44.16 1.20 0.00	44.65 1.42 0.00	42.91 1.05 0.00	45.34 0.97 0.00	44.04 0.95 0.00	45.76 1.12 0.00	44.09 0.95 0.00	43.87 0.86 0.00	43.91 0.86 0.00	46.88 1.06 -1.58	51.53 1.18 -3.13	58.38 1.18 -8.04	51.70 1.04 -7.40	50.11 1.04 -5.85	44.20 0.99 -0.11	42.78 0.84 0.00	41.44 0.89 0.00	41.04 0.80 0.00
BETHLEHEM___STEEL 23779	40.94 -2.06 0.00	40.61 -2.23 0.00	38.75 -1.91 0.00	37.97 -1.91 0.00	37.97 -2.00 0.00	39.04 -1.88 0.00	40.51 -2.45 0.00	40.33 -2.90 0.00	38.72 -3.14 0.00	40.81 -3.55 0.00	39.95 -3.15 0.00	41.74 -2.90 0.00	40.33 -2.80 0.00	40.04 -2.97 0.00	40.12 -2.93 0.00	40.78 -3.67 -0.21	44.79 -2.83 -0.41	46.12 -4.08 -1.05	41.03 -3.20 -0.96	40.53 -3.46 -0.76	40.05 -3.06 -0.01	38.97 -2.98 0.00	37.30 -3.24 0.00	37.90 -2.33 0.00
BETHLHEM_115KV_TB1 79974	44.38 1.38 0.00	43.99 1.16 0.00	41.68 1.02 0.00	40.88 1.00 0.00	40.97 1.00 0.00	41.94 1.02 0.00	44.17 1.20 0.00	44.48 1.25 0.00	42.74 0.88 0.00	45.38 1.02 0.00	44.17 1.08 0.00	45.81 1.16 0.00	44.22 1.08 0.00	44.00 0.99 0.00	44.04 0.99 0.00	46.97 1.15 -1.58	51.62 1.27 -3.13	58.47 1.28 -8.04	51.83 1.17 -7.40	50.19 1.12 -5.84	44.33 1.12 -0.11	42.87 0.92 0.00	41.52 0.97 0.00	41.16 0.93 0.00
BETHPAGE_CC_5 323564	53.53 3.74 -6.78	47.86 3.47 -1.55	43.79 3.13 0.00	42.92 3.03 0.00	42.89 2.92 0.00	43.74 2.82 0.00	49.67 3.61 -3.10	52.51 4.06 -5.22	57.95 3.98 -12.11	63.17 4.13 -14.69	48.14 4.14 -0.90	49.44 4.29 -0.51	49.24 4.10 -2.00	48.95 3.95 -1.99	49.01 4.00 -1.96	49.95 4.42 -1.28	54.38 4.63 -2.54	60.58 4.92 -6.51	53.50 4.24 -5.99	52.10 4.15 -4.73	47.83 4.27 -0.46	46.94 3.90 -1.10	46.45 3.85 -2.05	45.44 3.66 -1.55
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.20 -1.81 0.00	40.82 -2.01 0.00	38.95 -1.71 0.00	38.17 -1.72 0.00	38.17 -1.80 0.00	39.29 -1.64 0.00	40.77 -2.19 0.00	40.59 -2.64 0.00	38.93 -2.93 0.00	41.08 -3.28 0.00	40.17 -2.93 0.00	41.97 -2.68 0.00	40.59 -2.55 0.00	40.25 -2.75 0.00	40.34 -2.71 0.00	40.78 -3.67 -0.21	45.08 -2.55 -0.41	46.13 -4.08 -1.06	41.04 -3.20 -0.97	40.53 -3.46 -0.77	40.31 -2.80 -0.01	39.18 -2.77 0.00	37.51 -3.04 0.00	38.10 -2.13 0.00

BINGHAMTON___COGEN 23790	43.09 0.09 0.00	42.79 -0.04 0.00	40.62 -0.04 0.00	39.85 -0.04 0.00	39.89 -0.08 0.00	40.92 0.00 0.00	42.96 0.00 0.00	43.14 -0.09 0.00	41.65 -0.21 0.00	44.18 -0.18 0.00	43.10 0.00 0.00	44.78 0.13 0.00	43.23 0.09 0.00	42.96 -0.04 0.00	43.05 0.00 0.00	44.44 -0.22 -0.42	48.28 0.24 -0.83	51.19 -0.10 -2.13	45.18 -0.04 -1.96	44.60 -0.17 -1.55	43.08 -0.04 -0.03	41.82 -0.13 0.00	40.30 -0.24 0.00	40.15 -0.08 0.00
BIXINCNT_115KV_LOAD 355685	42.10 -0.90 0.00	41.81 -1.03 0.00	39.89 -0.77 0.00	39.09 -0.80 0.00	39.13 -0.84 0.00	40.23 -0.70 0.00	41.85 -1.12 0.00	41.67 -1.56 0.00	39.90 -1.97 0.00	42.01 -2.35 0.00	40.94 -2.15 0.00	42.86 -1.79 0.00	41.37 -1.77 0.00	40.90 -2.11 0.00	41.03 -2.02 0.00	41.01 -3.45 -0.22	46.04 -1.61 -0.43	46.43 -3.83 -1.11	41.21 -3.07 -1.02	40.70 -3.33 -0.80	41.09 -2.03 -0.02	39.97 -1.97 0.00	38.28 -2.27 0.00	38.82 -1.41 0.00
BLACK RIVER___HYD 24047	42.62 -0.39 0.00	42.37 -0.47 0.00	40.25 -0.41 0.00	39.53 -0.36 0.00	39.61 -0.36 0.00	40.68 -0.24 0.00	42.75 -0.21 0.00	43.14 -0.09 0.00	41.82 -0.04 0.00	44.36 0.00 0.00	43.10 0.00 0.00	44.74 0.09 0.00	43.27 0.13 0.00	43.14 0.13 0.00	43.14 0.09 0.00	44.40 0.09 -0.07	47.68 0.33 -0.13	49.80 0.30 -0.34	43.67 0.09 -0.31	43.56 0.09 -0.25	42.84 -0.26 0.00	41.52 -0.42 0.00	39.98 -0.57 0.00	39.59 -0.65 0.00
BLACKRVR_115KV_TB2 79977	42.62 -0.39 0.00	42.36 -0.47 0.00	40.25 -0.41 0.00	39.53 -0.36 0.00	39.61 -0.36 0.00	40.68 -0.25 0.00	42.75 -0.21 0.00	43.09 -0.13 0.00	41.74 -0.13 0.00	44.36 0.00 0.00	43.10 0.00 0.00	44.74 0.09 0.00	43.27 0.13 0.00	43.14 0.13 0.00	43.14 0.09 0.00	44.40 0.09 -0.07	47.68 0.33 -0.13	49.79 0.29 -0.34	43.67 0.09 -0.31	43.56 0.09 -0.25	42.84 -0.26 0.00	41.52 -0.42 0.00	39.98 -0.57 0.00	39.59 -0.64 0.00
BLISS_WT_PWR 323608	42.10 -0.91 0.00	41.81 -1.03 0.00	39.93 -0.73 0.00	39.13 -0.76 0.00	39.17 -0.80 0.00	40.27 -0.66 0.00	42.10 -0.86 0.00	42.53 -0.69 0.00	41.03 -0.84 0.00	42.05 -2.31 0.00	40.94 -2.15 0.00	42.68 -1.96 0.00	41.41 -1.73 0.00	40.90 -2.11 0.00	41.11 -1.94 0.00	41.24 -3.23 -0.22	46.04 -1.61 -0.43	46.43 -3.83 -1.11	41.21 -3.07 -1.02	40.87 -3.15 -0.80	40.57 -2.54 -0.02	40.02 -1.93 0.00	38.32 -2.23 0.00	38.86 -1.37 0.00
BLUESTONE___WT_PWR 323821	45.89 2.88 0.00	45.54 2.70 0.00	43.22 2.56 0.00	42.44 2.55 0.00	42.49 2.52 0.00	43.62 2.70 0.00	46.01 3.05 0.00	46.68 3.46 0.00	45.34 3.47 0.00	47.78 3.42 0.00	46.55 3.45 0.00	48.35 3.70 0.00	46.55 3.41 0.00	46.14 3.14 0.00	46.15 3.10 0.00	47.84 3.14 -0.45	51.84 3.73 -0.90	55.05 3.59 -2.30	48.41 3.03 -2.12	47.88 2.98 -1.67	45.76 2.63 -0.03	44.42 2.47 0.00	42.69 2.15 0.00	42.44 2.21 0.00
BLUE_CIRC_CHEM_DRP 24182	44.77 1.76 0.00	44.42 1.58 0.00	42.12 1.46 0.00	41.28 1.40 0.00	41.37 1.40 0.00	42.35 1.43 0.00	44.51 1.55 0.00	44.82 1.60 0.00	43.20 1.34 0.00	45.87 1.51 0.00	44.65 1.55 0.00	46.34 1.70 0.00	44.69 1.55 0.00	44.47 1.46 0.00	44.51 1.46 0.00	47.43 1.64 -1.55	52.09 1.79 -3.08	58.84 1.77 -7.91	52.10 1.56 -7.28	50.53 1.56 -5.75	44.80 1.59 -0.11	43.33 1.38 0.00	41.97 1.42 0.00	41.60 1.37 0.00
BOC_GAS_DRP 24189	44.38 1.38 0.00	44.03 1.20 0.00	41.76 1.10 0.00	40.92 1.04 0.00	41.01 1.04 0.00	41.99 1.06 0.00	44.21 1.25 0.00	44.52 1.30 0.00	42.95 1.09 0.00	45.60 1.24 0.00	44.39 1.29 0.00	46.03 1.38 0.00	44.43 1.29 0.00	44.21 1.20 0.00	44.25 1.21 0.00	47.23 1.42 -1.57	51.85 1.51 -3.12	58.69 1.52 -8.01	52.02 1.38 -7.37	50.38 1.34 -5.82	44.54 1.34 -0.11	43.12 1.17 0.00	41.76 1.22 0.00	41.36 1.13 0.00
BOONVILLE_115KV_TB1 79983	43.78 0.77 0.00	43.56 0.73 0.00	41.35 0.69 0.00	40.56 0.68 0.00	40.65 0.68 0.00	41.74 0.82 0.00	43.87 0.90 0.00	44.22 0.99 0.00	42.87 1.00 0.00	45.51 1.15 0.00	44.22 1.12 0.00	45.90 1.25 0.00	44.26 1.12 0.00	44.08 1.08 0.00	44.08 1.03 0.00	45.40 1.11 -0.04	48.58 1.27 -0.09	50.66 1.28 -0.22	44.47 1.00 -0.21	44.34 0.95 -0.16	43.83 0.73 0.00	42.57 0.63 0.00	41.03 0.49 0.00	40.67 0.44 0.00
BORALEX_4TH_BRANCH 23824	45.63 2.62 0.00	45.32 2.48 0.00	42.90 2.24 0.00	42.08 2.19 0.00	42.25 2.28 0.00	43.25 2.33 0.00	45.58 2.62 0.00	45.90 2.68 0.00	44.42 2.55 0.00	47.20 2.84 0.00	45.94 2.84 0.00	47.64 2.99 0.00	45.94 2.80 0.00	45.72 2.71 0.00	45.76 2.71 0.00	48.79 2.96 -1.57	53.60 3.26 -3.13	60.58 3.39 -8.03	53.68 3.03 -7.39	52.04 2.98 -5.84	46.14 2.93 -0.11	44.63 2.68 0.00	43.18 2.64 0.00	42.77 2.53 0.00
BOWLINE___1 23526	45.41 2.41 0.00	44.98 2.14 0.00	42.61 1.95 0.00	41.76 1.88 0.00	41.81 1.84 0.00	42.77 1.84 0.00	45.28 2.32 0.00	45.95 2.72 0.00	44.42 2.55 0.00	46.93 2.57 0.00	45.64 2.54 0.00	47.37 2.72 0.00	45.68 2.54 0.00	45.41 2.41 0.00	45.50 2.45 0.00	48.28 2.79 -1.24	52.65 2.98 -2.46	58.67 3.19 -6.32	51.81 2.73 -5.82	50.54 2.72 -4.59	45.90 2.72 -0.09	44.50 2.56 0.00	43.14 2.60 0.00	42.61 2.37 0.00
BOWLINE___2 23595	45.41 2.41 0.00	44.98 2.14 0.00	42.61 1.95 0.00	41.76 1.88 0.00	41.81 1.84 0.00	42.77 1.84 0.00	45.28 2.32 0.00	45.95 2.72 0.00	44.46 2.60 0.00	46.98 2.62 0.00	45.73 2.63 0.00	47.42 2.77 0.00	45.77 2.63 0.00	45.50 2.49 0.00	45.55 2.50 0.00	48.36 2.87 -1.24	52.70 3.02 -2.46	58.77 3.29 -6.32	51.89 2.81 -5.82	50.59 2.77 -4.59	45.98 2.80 -0.09	44.55 2.60 0.00	43.14 2.60 0.00	42.61 2.37 0.00
BRADY___115KV_TB2 356060	42.75 -0.26 0.00	42.88 0.04 0.00	40.86 0.20 0.00	40.12 0.24 0.00	40.25 0.28 0.00	41.17 0.25 0.00	43.05 0.09 0.00	43.31 0.09 0.00	42.11 0.25 0.00	44.49 0.13 0.00	43.05 -0.04 0.00	44.51 -0.13 0.00	43.10 -0.04 0.00	43.09 0.09 0.00	43.01 -0.04 0.00	44.03 -0.22 0.00	46.93 -0.28 0.00	48.91 -0.25 0.00	42.88 -0.39 0.00	43.01 -0.22 0.00	42.88 -0.22 0.00	41.90 -0.04 0.00	40.51 -0.04 0.00	40.19 -0.04 0.00
BRANSCOMB___SOLAR 323811	45.37 2.36 0.00	45.02 2.18 0.00	42.69 2.03 0.00	41.88 1.99 0.00	41.97 2.00 0.00	42.97 2.05 0.00	45.24 2.28 0.00	45.69 2.46 0.00	44.25 2.38 0.00	46.89 2.53 0.00	45.55 2.46 0.00	47.37 2.72 0.00	45.60 2.46 0.00	45.33 2.32 0.00	45.33 2.28 0.00	48.39 2.52 -1.62	53.26 2.83 -3.22	60.31 2.90 -8.25	53.37 2.51 -7.59	51.73 2.51 -6.00	45.67 2.46 -0.11	44.12 2.18 0.00	42.69 2.15 0.00	42.24 2.01 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	54.05 4.26 -6.78	48.37 3.98 -1.55	44.32 3.66 0.00	43.44 3.55 0.00	43.37 3.40 0.00	44.20 3.27 0.00	50.19 4.12 -3.10	52.64 4.19 -5.22	57.99 4.02 -12.11	63.48 4.44 -14.69	48.52 4.53 -0.90	49.71 4.02 -1.05	49.03 3.84 -2.06	48.88 3.87 -2.00	49.06 3.75 -2.26	49.91 4.16 -1.51	55.31 4.49 -3.61	62.32 4.87 -8.29	53.64 4.11 -6.26	51.94 3.98 -4.74	48.13 4.57 -0.47	46.83 3.77 -1.11	46.85 3.73 -2.58	45.73 3.94 -1.55

BRISTLHL_115KV_TB1 79998	41.76 -1.25 0.00	41.51 -1.33 0.00	39.36 -1.30 0.00	38.61 -1.28 0.00	38.69 -1.28 0.00	39.65 -1.27 0.00	41.59 -1.37 0.00	41.88 -1.34 0.00	40.57 -1.30 0.00	43.12 -1.24 0.00	42.02 -1.08 0.00	43.62 -1.03 0.00	42.10 -1.04 0.00	41.89 -1.12 0.00	41.93 -1.12 0.00	43.29 -1.06 -0.10	46.33 -1.09 -0.20	48.55 -1.13 -0.52	42.80 -0.95 -0.48	42.57 -1.04 -0.38	41.90 -1.21 -0.01	40.69 -1.26 0.00	39.25 -1.30 0.00	38.99 -1.25 0.00
BROOKHAVEN___DRP 24191	53.87 4.09 -6.78	48.16 3.77 -1.55	44.16 3.50 0.00	43.32 3.43 0.00	43.25 3.28 0.00	43.95 3.03 0.00	49.93 3.87 -3.10	52.42 3.98 -5.22	57.82 3.85 -12.11	63.35 4.30 -14.69	48.44 4.44 -0.90	55.01 4.51 -5.85	49.92 4.27 -2.51	49.38 4.26 -2.11	52.19 4.18 -4.97	52.32 4.51 -3.56	65.34 4.91 -13.21	78.59 5.21 -24.22	56.47 4.50 -8.70	52.44 4.37 -4.85	48.25 4.65 -0.50	47.49 4.32 -1.22	52.00 4.26 -7.19	45.97 4.14 -1.59
BROOKLYN_NAVY_YARD 23515	45.97 2.97 0.00	45.45 2.61 0.00	43.06 2.40 0.00	42.16 2.27 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.75 2.79 0.00	46.51 3.28 0.00	45.09 3.22 0.00	47.78 3.42 0.00	46.59 3.49 0.00	48.31 3.66 0.00	46.63 3.49 0.00	46.36 3.36 0.00	46.41 3.36 0.00	49.33 3.81 -1.28	53.72 3.97 -2.54	59.84 4.18 -6.51	52.89 3.63 -5.99	51.63 3.67 -4.73	46.85 3.66 -0.09	45.26 3.31 0.00	43.83 3.28 0.00	43.25 3.02 0.00
BROOKLYN___ARMY_DRP 323595	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
BROOKVLE_69_KV_TB1 55790	53.66 3.87 -6.78	47.99 3.60 -1.55	43.91 3.25 0.00	43.00 3.11 0.00	43.01 3.04 0.00	43.91 2.99 0.00	49.71 3.65 -3.10	52.25 3.80 -5.22	57.61 3.64 -12.11	63.22 4.17 -14.69	48.35 4.35 -0.90	49.71 4.55 -0.51	49.50 4.36 -2.00	49.21 4.21 -1.99	49.23 4.22 -1.96	50.12 4.60 -1.28	54.61 4.86 -2.54	60.58 4.92 -6.51	53.67 4.41 -5.99	52.28 4.32 -4.73	48.00 4.44 -0.46	47.11 4.07 -1.10	46.53 3.97 -2.01	45.48 3.70 -1.55
BROOME_2_LFGE 323671	43.09 0.09 0.00	42.79 -0.04 0.00	40.62 -0.04 0.00	39.85 -0.04 0.00	39.89 -0.08 0.00	40.92 0.00 0.00	43.05 0.09 0.00	43.53 0.30 0.00	42.16 0.30 0.00	44.23 -0.13 0.00	43.10 0.00 0.00	44.74 0.09 0.00	43.23 0.09 0.00	42.96 -0.04 0.00	43.05 0.00 0.00	44.49 -0.18 -0.42	48.28 0.24 -0.83	51.19 -0.10 -2.13	45.18 -0.04 -1.96	44.64 -0.13 -1.55	43.00 -0.13 -0.03	41.82 -0.13 0.00	40.30 -0.24 0.00	40.15 -0.08 0.00
BROOME___LFGE 323600	43.09 0.09 0.00	42.79 -0.04 0.00	40.62 -0.04 0.00	39.85 -0.04 0.00	39.89 -0.08 0.00	40.92 0.00 0.00	43.05 0.09 0.00	43.53 0.30 0.00	42.16 0.30 0.00	44.23 -0.13 0.00	43.10 0.00 0.00	44.74 0.09 0.00	43.23 0.09 0.00	42.96 -0.04 0.00	43.05 0.00 0.00	44.49 -0.18 -0.42	48.28 0.24 -0.83	51.19 -0.10 -2.13	45.18 -0.04 -1.96	44.64 -0.13 -1.55	43.00 -0.13 -0.03	41.82 -0.13 0.00	40.30 -0.24 0.00	40.15 -0.08 0.00
BROWNFLS_115KV_TB_3_5 80003	41.89 -1.12 0.00	41.89 -0.94 0.00	39.89 -0.77 0.00	39.13 -0.76 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.19 -0.77 0.00	42.45 -0.78 0.00	41.24 -0.63 0.00	43.70 -0.67 0.00	42.36 -0.73 0.00	43.84 -0.80 0.00	42.41 -0.73 0.00	42.32 -0.69 0.00	42.27 -0.77 0.00	43.44 -0.84 -0.03	46.39 -0.90 -0.07	48.45 -0.88 -0.18	42.48 -0.95 -0.16	42.49 -0.86 -0.13	42.06 -1.03 0.00	40.98 -0.96 0.00	39.53 -1.01 0.00	39.19 -1.05 0.00
BROWNSV1_27_KV_LOAD 356125	46.32 3.31 0.00	45.83 3.00 0.00	43.38 2.72 0.00	42.52 2.63 0.00	42.57 2.60 0.00	43.50 2.58 0.00	46.01 3.05 0.00	46.38 3.16 0.00	44.96 3.10 0.00	47.95 3.59 0.00	46.85 3.75 0.00	48.58 3.93 0.00	46.89 3.75 0.00	46.62 3.61 0.00	46.67 3.62 0.00	49.64 4.11 -1.28	54.05 4.30 -2.54	60.19 4.52 -6.51	53.19 3.94 -5.99	51.93 3.98 -4.73	47.15 3.96 -0.09	45.51 3.57 0.00	44.11 3.57 0.00	43.53 3.30 0.00
BURROWS___LYONSDAL 23803	43.57 0.56 0.00	43.31 0.47 0.00	41.15 0.49 0.00	40.36 0.48 0.00	40.45 0.48 0.00	41.54 0.61 0.00	43.65 0.69 0.00	44.00 0.78 0.00	42.66 0.80 0.00	45.29 0.93 0.00	44.00 0.91 0.00	45.67 1.03 0.00	44.04 0.91 0.00	43.87 0.86 0.00	43.91 0.86 0.00	45.18 0.88 -0.04	48.34 1.04 -0.09	50.42 1.03 -0.23	44.26 0.78 -0.21	44.17 0.78 -0.17	43.62 0.52 0.00	42.36 0.42 0.00	40.83 0.28 0.00	40.47 0.24 0.00
CAITHNESS_CC_1 323624	53.70 3.91 -6.78	48.03 3.64 -1.55	44.00 3.33 0.00	43.19 3.31 0.00	43.13 3.16 0.00	43.83 2.91 0.00	49.84 3.78 -3.10	52.64 4.19 -5.22	58.07 4.10 -12.11	63.31 4.26 -14.69	48.27 4.27 -0.90	54.93 4.42 -5.86	49.79 4.14 -2.51	49.25 4.13 -2.11	52.07 4.05 -4.97	52.23 4.42 -3.56	65.20 4.77 -13.22	78.46 5.06 -24.24	56.34 4.37 -8.71	52.32 4.24 -4.85	48.08 4.48 -0.50	47.32 4.15 -1.22	51.84 4.09 -7.20	45.85 4.02 -1.59
CALPINE BETH_PAGE_GT4 24209	53.44 3.66 -6.78	47.77 3.38 -1.55	43.71 3.05 0.00	42.84 2.95 0.00	42.81 2.84 0.00	43.66 2.74 0.00	49.54 3.48 -3.10	52.04 3.59 -5.22	57.40 3.43 -12.11	62.95 3.90 -14.69	48.05 4.05 -0.90	49.35 4.20 -0.51	49.20 4.06 -2.00	48.91 3.91 -1.99	48.92 3.92 -1.96	49.86 4.34 -1.28	54.33 4.58 -2.54	60.48 4.82 -6.51	53.41 4.15 -5.99	52.02 4.06 -4.73	47.78 4.22 -0.46	46.90 3.86 -1.10	46.37 3.77 -2.05	45.32 3.54 -1.55
CALPINE_BETH_PAGE_GT_4 323586	53.44 3.65 -6.78	47.77 3.38 -1.55	43.71 3.05 0.00	42.84 2.95 0.00	42.81 2.84 0.00	43.66 2.74 0.00	49.59 3.52 -3.10	52.42 3.97 -5.22	57.86 3.89 -12.11	63.08 4.04 -14.69	48.05 4.05 -0.90	49.40 4.24 -0.51	49.20 4.05 -2.00	48.91 3.91 -1.99	48.96 3.96 -1.96	49.86 4.34 -1.28	54.33 4.58 -2.54	60.49 4.82 -6.51	53.41 4.15 -5.99	52.06 4.11 -4.73	47.74 4.18 -0.46	46.90 3.86 -1.10	46.37 3.77 -2.05	45.32 3.54 -1.55
CALPINE_BP_GT1 23823	53.44 3.65 -6.78	47.77 3.38 -1.55	43.71 3.05 0.00	42.84 2.95 0.00	42.81 2.84 0.00	43.66 2.74 0.00	49.59 3.52 -3.10	52.42 3.97 -5.22	57.86 3.89 -12.11	63.08 4.04 -14.69	48.05 4.05 -0.90	49.40 4.24 -0.51	49.20 4.05 -2.00	48.91 3.91 -1.99	48.96 3.96 -1.96	49.86 4.34 -1.28	54.33 4.58 -2.54	60.49 4.82 -6.51	53.41 4.15 -5.99	52.06 4.11 -4.73	47.74 4.18 -0.46	46.90 3.86 -1.10	46.37 3.77 -2.05	45.32 3.54 -1.55
CALSPAN___DRP 24200	40.94 -2.06 0.00	40.61 -2.23 0.00	38.75 -1.91 0.00	37.97 -1.91 0.00	37.97 -2.00 0.00	39.04 -1.88 0.00	40.51 -2.45 0.00	40.33 -2.90 0.00	38.72 -3.14 0.00	40.81 -3.55 0.00	39.95 -3.15 0.00	41.74 -2.90 0.00	40.33 -2.80 0.00	40.04 -2.97 0.00	40.12 -2.93 0.00	40.78 -3.67 -0.21	44.79 -2.83 -0.41	46.12 -4.08 -1.05	41.03 -3.20 -0.96	40.53 -3.46 -0.76	40.05 -3.06 -0.01	38.97 -2.98 0.00	37.30 -3.24 0.00	37.90 -2.33 0.00

CALVERTON___SOLAR 323806	54.05 4.26 -6.78	48.33 3.94 -1.55	44.28 3.62 0.00	43.48 3.59 0.00	43.41 3.44 0.00	44.15 3.23 0.00	50.19 4.12 -3.10	53.03 4.58 -5.22	58.45 4.48 -12.11	63.66 4.61 -14.69	48.65 4.66 -0.90	55.28 4.78 -5.85	50.09 4.44 -2.51	49.51 4.39 -2.11	52.36 4.35 -4.97	52.59 4.78 -3.56	65.53 5.10 -13.21	78.84 5.46 -24.22	56.69 4.72 -8.70	52.66 4.58 -4.85	48.43 4.83 -0.50	47.66 4.49 -1.22	52.16 4.42 -7.19	46.17 4.35 -1.59
CANDIGU_WT_PWR 323617	42.23 -0.77 0.00	41.89 -0.94 0.00	39.89 -0.77 0.00	39.09 -0.80 0.00	39.13 -0.84 0.00	40.19 -0.74 0.00	42.10 -0.86 0.00	42.53 -0.69 0.00	41.15 -0.71 0.00	42.59 -1.78 0.00	41.55 -1.55 0.00	43.13 -1.52 0.00	41.76 -1.38 0.00	41.42 -1.59 0.00	41.80 -1.25 0.00	42.76 -1.77 -0.29	46.74 -1.04 -0.57	48.74 -1.87 -1.45	43.18 -1.43 -1.34	42.77 -1.51 -1.06	41.65 -1.47 -0.02	40.60 -1.34 0.00	39.01 -1.54 0.00	39.23 -1.00 0.00
CARR STREET_E_SYR 24060	41.89 -1.12 0.00	41.64 -1.20 0.00	39.52 -1.14 0.00	38.73 -1.16 0.00	38.81 -1.16 0.00	39.78 -1.15 0.00	41.81 -1.16 0.00	42.23 -0.99 0.00	40.98 -0.88 0.00	43.21 -1.15 0.00	42.11 -0.99 0.00	43.66 -0.98 0.00	42.19 -0.95 0.00	41.97 -1.03 0.00	42.06 -0.99 0.00	43.39 -0.97 -0.12	46.50 -0.94 -0.23	48.72 -1.03 -0.60	42.99 -0.82 -0.55	42.75 -0.91 -0.43	42.03 -1.08 -0.01	40.77 -1.17 0.00	39.37 -1.18 0.00	39.11 -1.13 0.00
CARTHAGE___PAPER 23857	42.49 -0.51 0.00	42.32 -0.51 0.00	40.21 -0.45 0.00	39.49 -0.40 0.00	39.61 -0.36 0.00	40.64 -0.28 0.00	42.71 -0.26 0.00	43.05 -0.17 0.00	41.74 -0.13 0.00	44.32 -0.04 0.00	43.01 -0.09 0.00	44.60 -0.04 0.00	43.10 -0.04 0.00	42.96 -0.04 0.00	42.96 -0.09 0.00	44.22 -0.09 -0.06	47.43 0.09 -0.12	49.61 0.15 -0.31	43.46 -0.09 -0.28	43.36 -0.09 -0.22	42.75 -0.35 0.00	41.48 -0.46 0.00	39.94 -0.61 0.00	39.55 -0.68 0.00
CASSADAGA_WT_PWR 323784	42.49 -0.51 0.00	42.11 -0.73 0.00	40.13 -0.53 0.00	39.29 -0.60 0.00	39.29 -0.68 0.00	40.39 -0.53 0.00	42.19 -0.77 0.00	42.66 -0.56 0.00	41.19 -0.67 0.00	42.32 -2.04 0.00	41.33 -1.77 0.00	43.00 -1.65 0.00	41.72 -1.42 0.00	41.42 -1.59 0.00	41.63 -1.42 0.00	42.16 -2.30 -0.22	46.56 -1.08 -0.43	47.70 -2.56 -1.10	42.42 -1.86 -1.01	42.04 -1.99 -0.80	41.34 -1.77 -0.02	40.47 -1.47 0.00	38.72 -1.82 0.00	39.27 -0.97 0.00
CE_DUNWOOD___DRP 24194	45.76 2.75 0.00	45.32 2.48 0.00	42.90 2.24 0.00	42.04 2.15 0.00	42.09 2.12 0.00	43.05 2.13 0.00	45.54 2.58 0.00	45.90 2.68 0.00	44.42 2.55 0.00	47.33 2.97 0.00	46.20 3.10 0.00	47.86 3.21 0.00	46.25 3.11 0.00	45.97 2.97 0.00	46.02 2.97 0.00	48.88 3.36 -1.27	53.28 3.54 -2.53	59.43 3.79 -6.49	52.48 3.25 -5.97	51.18 3.24 -4.72	46.46 3.28 -0.09	44.92 2.98 0.00	43.47 2.92 0.00	42.93 2.70 0.00
CE_MILLWOOD___DRP 24193	45.67 2.67 0.00	45.23 2.40 0.00	42.82 2.16 0.00	41.96 2.07 0.00	42.01 2.04 0.00	42.97 2.05 0.00	45.46 2.49 0.00	45.82 2.59 0.00	44.33 2.47 0.00	47.20 2.84 0.00	46.07 2.97 0.00	47.77 3.13 0.00	46.12 2.98 0.00	45.84 2.84 0.00	45.89 2.84 0.00	48.74 3.23 -1.27	53.13 3.40 -2.52	59.26 3.64 -6.46	52.37 3.16 -5.94	51.03 3.11 -4.70	46.33 3.15 -0.09	44.80 2.85 0.00	43.38 2.84 0.00	42.85 2.62 0.00
CE_NYC2_DRP 24202	46.24 3.23 -0.01	45.76 2.91 -0.01	43.35 2.68 -0.01	42.49 2.59 -0.01	42.50 2.52 -0.01	43.46 2.54 0.00	45.89 2.92 0.00	46.16 2.94 0.00	44.71 2.85 0.00	47.82 3.46 0.00	46.72 3.62 0.00	48.40 3.75 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.94 3.75 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.46 3.22 -0.01
CE_NYC_DRP 24195	45.97 2.97 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.25 2.28 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.81 3.62 -0.09	45.17 3.23 0.00	43.79 3.24 0.00	43.25 3.02 0.00
CHAFFEE___LFGE 323603	41.12 -1.89 0.00	40.78 -2.06 0.00	38.91 -1.75 0.00	38.13 -1.75 0.00	38.13 -1.84 0.00	39.20 -1.72 0.00	40.95 -2.02 0.00	41.37 -1.86 0.00	40.06 -1.80 0.00	41.08 -3.28 0.00	40.16 -2.93 0.00	41.75 -2.90 0.00	40.55 -2.59 0.00	40.25 -2.75 0.00	40.47 -2.58 0.00	41.05 -3.41 -0.21	45.08 -2.55 -0.42	46.30 -3.93 -1.08	41.19 -3.07 -0.99	40.85 -3.15 -0.78	40.05 -3.06 -0.01	39.17 -2.77 0.00	37.50 -3.04 0.00	38.06 -2.17 0.00
CHATEAUG_35_KV_LOAD 355732	42.88 -0.13 0.00	43.48 0.64 0.00	41.76 1.10 0.00	41.16 1.28 0.00	41.41 1.44 0.00	41.99 1.06 0.00	43.78 0.82 0.00	43.87 0.65 0.00	42.49 0.63 0.00	44.89 0.53 0.00	43.57 0.47 0.00	45.09 0.45 0.00	43.66 0.52 0.00	43.57 0.56 0.00	43.39 0.34 0.00	44.42 0.18 0.00	47.31 0.09 0.00	49.35 0.20 0.00	43.22 -0.04 0.00	43.27 0.04 0.00	43.18 0.09 0.00	42.11 0.17 0.00	40.67 0.12 0.00	40.47 0.24 0.00
CHATEAUG_WT_PWR 323614	42.84 -0.17 0.00	43.43 0.60 0.00	41.68 1.02 0.00	41.12 1.24 0.00	41.37 1.40 0.00	41.90 0.98 0.00	43.61 0.65 0.00	43.40 0.17 0.00	41.86 0.00 0.00	44.71 0.35 0.00	43.48 0.39 0.00	45.00 0.36 0.00	43.57 0.43 0.00	43.48 0.47 0.00	43.27 0.22 0.00	44.34 0.09 0.00	47.17 -0.05 0.00	49.21 0.05 0.00	43.05 -0.22 0.00	43.10 -0.13 0.00	43.01 -0.09 0.00	41.94 0.00 0.00	40.55 0.00 0.00	40.35 0.12 0.00
CHAT_HIGH_FALL_HYD 323578	42.88 -0.13 0.00	43.48 0.64 0.00	41.76 1.10 0.00	41.16 1.28 0.00	41.41 1.44 0.00	41.99 1.06 0.00	43.78 0.82 0.00	43.87 0.65 0.00	42.49 0.63 0.00	44.89 0.53 0.00	43.57 0.47 0.00	45.09 0.45 0.00	43.66 0.52 0.00	43.57 0.56 0.00	43.39 0.34 0.00	44.42 0.18 0.00	47.31 0.09 0.00	49.35 0.20 0.00	43.22 -0.04 0.00	43.27 0.04 0.00	43.18 0.09 0.00	42.11 0.17 0.00	40.67 0.12 0.00	40.47 0.24 0.00
CHAUTAUQUA___LFGE 323629	41.63 -1.38 0.00	41.30 -1.54 0.00	39.40 -1.26 0.00	38.57 -1.32 0.00	38.57 -1.40 0.00	39.65 -1.27 0.00	41.42 -1.54 0.00	41.84 -1.38 0.00	40.48 -1.38 0.00	41.52 -2.84 0.00	40.60 -2.50 0.00	42.19 -2.46 0.00	40.98 -2.16 0.00	40.68 -2.32 0.00	40.90 -2.15 0.00	41.63 -2.83 -0.21	45.61 -2.03 -0.42	47.05 -3.19 -1.09	41.85 -2.42 -1.00	41.51 -2.51 -0.79	40.61 -2.50 -0.02	39.68 -2.27 0.00	37.95 -2.60 0.00	38.54 -1.69 0.00
CHERRYST_13_KV_LD 356241	46.10 3.10 0.00	45.62 2.78 0.00	43.18 2.52 0.00	42.32 2.43 0.00	42.37 2.40 0.00	43.30 2.37 0.00	45.80 2.84 0.00	46.21 2.98 0.00	44.75 2.89 0.00	47.73 3.37 0.00	46.63 3.53 0.00	48.31 3.66 0.00	46.68 3.54 0.00	46.40 3.40 0.00	46.45 3.40 0.00	49.37 3.85 -1.28	53.76 4.01 -2.54	59.89 4.23 -6.51	52.93 3.68 -5.99	51.67 3.72 -4.73	46.89 3.71 -0.09	45.30 3.36 0.00	43.91 3.37 0.00	43.33 3.10 0.00

CHESTROR_138KV_BK263 355645	45.16 2.15 0.00	44.76 1.93 0.00	42.37 1.71 0.00	41.56 1.68 0.00	41.61 1.64 0.00	42.56 1.64 0.00	44.94 1.98 0.00	45.30 2.07 0.00	43.79 1.93 0.00	46.58 2.22 0.00	45.42 2.33 0.00	47.06 2.41 0.00	45.43 2.29 0.00	45.16 2.15 0.00	45.24 2.20 0.00	48.00 2.57 -1.19	52.32 2.74 -2.37	58.18 2.95 -6.08	51.41 2.55 -5.59	50.10 2.46 -4.42	45.68 2.50 -0.08	44.21 2.26 0.00	42.78 2.23 0.00	42.28 2.05 0.00
CH_MIDHUDSON___DRP 24192	45.72 2.71 0.00	45.28 2.44 0.00	42.90 2.24 0.00	42.04 2.15 0.00	42.09 2.12 0.00	43.05 2.13 0.00	45.46 2.49 0.00	45.82 2.59 0.00	44.33 2.47 0.00	47.20 2.84 0.00	45.98 2.89 0.00	47.68 3.04 0.00	45.99 2.85 0.00	45.72 2.71 0.00	45.80 2.76 0.00	48.66 3.10 -1.31	53.17 3.35 -2.61	59.34 3.49 -6.69	52.50 3.07 -6.16	51.07 2.98 -4.86	46.21 3.02 -0.09	44.67 2.73 0.00	43.22 2.68 0.00	42.73 2.49 0.00
CH_MISC_IPPS 23765	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.25 2.28 0.00	43.21 2.29 0.00	45.67 2.71 0.00	46.29 3.07 0.00	44.88 3.02 0.00	47.47 3.10 0.00	46.16 3.06 0.00	47.90 3.26 0.00	46.16 3.02 0.00	45.84 2.84 0.00	45.98 2.93 0.00	48.81 3.27 -1.29	53.32 3.54 -2.56	59.46 3.73 -6.57	52.56 3.25 -6.04	51.15 3.15 -4.77	46.33 3.14 -0.09	44.84 2.89 0.00	43.38 2.84 0.00	42.85 2.61 0.00
CH_RES_BVR_FALLS 23983	42.66 -0.35 0.00	42.71 -0.13 0.00	40.62 -0.04 0.00	39.85 -0.04 0.00	39.97 0.00 0.00	40.88 -0.04 0.00	42.79 -0.17 0.00	42.83 -0.39 0.00	41.49 -0.38 0.00	44.10 -0.26 0.00	42.75 -0.35 0.00	44.24 -0.40 0.00	42.75 -0.39 0.00	42.71 -0.30 0.00	42.66 -0.39 0.00	43.72 -0.53 0.00	46.51 -0.71 0.00	48.37 -0.79 0.00	42.44 -0.82 0.00	42.36 -0.86 0.00	42.28 -0.82 0.00	41.27 -0.67 0.00	39.98 -0.57 0.00	39.75 -0.48 0.00
CH_RES_NIAGARA 23895	38.84 -4.17 0.00	38.51 -4.32 0.00	36.76 -3.90 0.00	36.02 -3.87 0.00	36.01 -3.96 0.00	37.07 -3.85 0.00	38.63 -4.34 0.00	38.94 -4.28 0.00	37.72 -4.15 0.00	38.55 -5.81 0.00	37.71 -5.39 0.00	39.20 -5.45 0.00	38.18 -4.96 0.00	37.89 -5.12 0.00	38.06 -4.99 0.00	39.39 -5.05 -0.19	42.30 -5.29 -0.38	44.43 -5.70 -0.97	39.62 -4.54 -0.89	39.30 -4.62 -0.70	37.94 -5.17 -0.01	36.74 -5.20 0.00	35.24 -5.31 0.00	35.93 -4.30 0.00
CH_RES_SYRACUSE 23985	42.36 -0.64 0.00	42.11 -0.73 0.00	39.97 -0.69 0.00	39.17 -0.72 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.27 -0.69 0.00	42.71 -0.52 0.00	41.44 -0.42 0.00	43.74 -0.62 0.00	42.58 -0.52 0.00	44.20 -0.45 0.00	42.67 -0.47 0.00	42.49 -0.51 0.00	42.53 -0.51 0.00	43.89 -0.49 -0.13	47.05 -0.43 -0.26	49.33 -0.49 -0.67	43.53 -0.35 -0.61	43.28 -0.43 -0.48	42.54 -0.56 -0.01	41.27 -0.67 0.00	39.82 -0.73 0.00	39.55 -0.68 0.00
CLINTON_WT_PWR 323605	42.84 -0.17 0.00	43.43 0.60 0.00	41.68 1.02 0.00	41.12 1.24 0.00	41.37 1.40 0.00	41.90 0.98 0.00	43.61 0.65 0.00	43.40 0.17 0.00	41.86 0.00 0.00	44.71 0.35 0.00	43.48 0.39 0.00	45.00 0.36 0.00	43.57 0.43 0.00	43.48 0.47 0.00	43.27 0.22 0.00	44.34 0.09 0.00	47.17 -0.05 0.00	49.21 0.05 0.00	43.05 -0.22 0.00	43.10 -0.13 0.00	43.01 -0.09 0.00	41.94 0.00 0.00	40.55 0.00 0.00	40.35 0.12 0.00
CLINTON___LFGE 323618	43.44 0.43 0.00	44.08 1.24 0.00	42.37 1.71 0.00	41.76 1.88 0.00	42.05 2.08 0.00	42.48 1.55 0.00	44.16 1.20 0.00	43.96 0.73 0.00	42.49 0.63 0.00	45.42 1.06 0.00	44.17 1.08 0.00	45.76 1.12 0.00	44.26 1.12 0.00	44.17 1.16 0.00	43.87 0.82 0.00	45.00 0.75 0.00	47.97 0.75 0.00	50.04 0.89 0.00	43.79 0.52 0.00	43.78 0.56 0.00	43.66 0.56 0.00	42.53 0.59 0.00	41.07 0.53 0.00	40.87 0.64 0.00
COBBLENY_34_KV_TB1 80064	41.11 -1.89 0.00	40.78 -2.06 0.00	38.91 -1.75 0.00	38.13 -1.75 0.00	38.13 -1.84 0.00	39.20 -1.72 0.00	40.73 -2.23 0.00	40.54 -2.68 0.00	38.93 -2.93 0.00	41.08 -3.28 0.00	40.17 -2.93 0.00	41.97 -2.68 0.00	40.55 -2.59 0.00	40.25 -2.75 0.00	40.34 -2.71 0.00	40.92 -3.54 -0.21	45.08 -2.55 -0.42	46.30 -3.93 -1.08	41.19 -3.07 -0.99	40.68 -3.33 -0.78	40.31 -2.80 -0.01	39.18 -2.77 0.00	37.51 -3.04 0.00	38.06 -2.17 0.00
COFFEEN___115KV_TB3 355620	42.88 -0.13 0.00	42.62 -0.21 0.00	40.50 -0.16 0.00	39.77 -0.12 0.00	39.85 -0.12 0.00	40.92 0.00 0.00	43.05 0.09 0.00	43.40 0.17 0.00	41.99 0.13 0.00	44.63 0.27 0.00	43.40 0.30 0.00	45.09 0.45 0.00	43.61 0.47 0.00	43.44 0.43 0.00	43.44 0.39 0.00	44.71 0.40 -0.07	48.06 0.71 -0.14	50.19 0.69 -0.35	44.02 0.43 -0.32	43.87 0.39 -0.25	43.10 0.00 0.00	41.82 -0.13 0.00	40.18 -0.36 0.00	39.79 -0.44 0.00
COLDSPRG_115KV_BK1 355956	43.01 0.00 0.00	42.66 -0.17 0.00	40.66 0.00 0.00	39.85 -0.04 0.00	39.85 -0.12 0.00	40.96 0.04 0.00	42.66 -0.30 0.00	42.58 -0.65 0.00	40.82 -1.05 0.00	43.07 -1.29 0.00	42.11 -0.99 0.00	43.98 -0.67 0.00	42.45 -0.69 0.00	42.15 -0.86 0.00	42.23 -0.82 0.00	42.12 -2.35 -0.22	47.28 -0.38 -0.44	47.83 -2.46 -1.13	42.49 -1.82 -1.04	41.92 -2.12 -0.82	42.29 -0.82 0.00	41.10 -0.84 0.00	39.33 -1.22 0.00	39.83 -0.40 0.00
COLONIE_LFGE___ 323577	45.03 2.02 0.00	44.72 1.88 0.00	42.37 1.71 0.00	41.56 1.67 0.00	41.65 1.68 0.00	42.64 1.72 0.00	44.94 1.98 0.00	45.43 2.20 0.00	43.96 2.09 0.00	46.49 2.13 0.00	45.21 2.11 0.00	46.92 2.28 0.00	45.25 2.11 0.00	44.99 1.98 0.00	45.03 1.98 0.00	48.06 2.21 -1.60	52.80 2.41 -3.18	59.82 2.51 -8.15	52.98 2.21 -7.50	51.31 2.16 -5.93	45.32 2.11 -0.11	43.87 1.93 0.00	42.45 1.91 0.00	42.04 1.81 0.00
COOPERNY_115KV_TB1 80082	44.60 1.59 0.00	44.25 1.41 0.00	41.92 1.26 0.00	41.08 1.20 0.00	41.17 1.20 0.00	42.11 1.19 0.00	44.47 1.50 0.00	44.78 1.56 0.00	43.29 1.42 0.00	46.05 1.69 0.00	44.86 1.77 0.00	46.52 1.88 0.00	44.91 1.77 0.00	44.64 1.63 0.00	44.73 1.68 0.00	47.16 1.95 -0.97	51.27 2.12 -1.93	56.37 2.26 -4.95	49.77 1.95 -4.56	48.73 1.90 -3.60	45.06 1.90 -0.07	43.66 1.72 0.00	42.21 1.66 0.00	41.80 1.57 0.00
COPENHAGEN_WT_PWR 323753	42.53 -0.47 0.00	42.28 -0.56 0.00	40.17 -0.49 0.00	39.41 -0.48 0.00	39.49 -0.48 0.00	40.55 -0.37 0.00	42.67 -0.30 0.00	43.05 -0.17 0.00	41.70 -0.17 0.00	44.23 -0.13 0.00	43.01 -0.09 0.00	44.65 0.00 0.00	43.14 0.00 0.00	43.01 0.00 0.00	43.01 -0.04 0.00	44.27 -0.04 -0.07	47.54 0.19 -0.14	49.66 0.15 -0.36	43.60 0.00 -0.33	43.44 -0.04 -0.26	42.76 -0.35 0.00	41.44 -0.50 0.00	39.90 -0.65 0.00	39.55 -0.68 0.00
CORNELL_____ 23752	43.65 0.65 0.00	43.35 0.51 0.00	41.15 0.49 0.00	40.36 0.48 0.00	40.41 0.44 0.00	41.45 0.53 0.00	43.52 0.56 0.00	43.79 0.56 0.00	42.41 0.54 0.00	44.98 0.62 0.00	43.79 0.69 0.00	45.49 0.85 0.00	43.87 0.73 0.00	43.61 0.60 0.00	43.69 0.65 0.00	45.20 0.66 -0.29	48.88 1.09 -0.58	51.57 0.93 -1.48	45.49 0.87 -1.36	45.03 0.73 -1.07	43.76 0.65 -0.02	42.41 0.46 0.00	40.87 0.32 0.00	40.63 0.40 0.00

CORONA__69_KV_TB1 355595	53.49 3.70 -6.78	47.82 3.43 -1.55	43.75 3.09 0.00	42.88 2.99 0.00	42.85 2.88 0.00	43.79 2.86 0.00	49.54 3.48 -3.10	52.08 3.63 -5.22	57.40 3.43 -12.11	63.00 3.95 -14.69	48.09 4.09 -0.90	49.44 4.29 -0.51	49.29 4.14 -2.00	49.00 4.00 -1.99	49.01 4.00 -1.96	49.90 4.38 -1.28	54.33 4.58 -2.54	60.53 4.87 -6.51	53.45 4.20 -5.99	52.10 4.15 -4.73	47.78 4.22 -0.46	46.94 3.90 -1.10	46.35 3.81 -1.99	45.36 3.58 -1.55
CORTLAND__115KV_TB3 80093	43.31 0.30 0.00	43.01 0.17 0.00	40.82 0.16 0.00	40.05 0.16 0.00	40.09 0.12 0.00	41.13 0.20 0.00	43.18 0.21 0.00	43.44 0.22 0.00	42.07 0.21 0.00	44.63 0.27 0.00	43.48 0.39 0.00	45.14 0.49 0.00	43.53 0.39 0.00	43.31 0.30 0.00	43.39 0.34 0.00	44.83 0.35 -0.23	48.34 0.66 -0.46	50.84 0.49 -1.19	44.84 0.48 -1.10	44.44 0.35 -0.87	43.41 0.30 -0.02	42.11 0.17 0.00	40.59 0.04 0.00	40.35 0.12 0.00
COXSACKIE__GT 23611	46.75 3.74 0.00	46.30 3.47 0.00	43.79 3.13 0.00	42.92 3.03 0.00	43.01 3.04 0.00	44.07 3.15 0.00	46.19 3.22 0.00	46.68 3.46 0.00	45.00 3.14 0.00	47.56 3.20 0.00	46.03 2.93 0.00	47.77 3.12 0.00	45.86 2.72 0.00	45.41 2.41 0.00	45.63 2.58 0.00	48.62 2.87 -1.49	53.73 3.54 -2.97	60.17 3.39 -7.62	53.22 2.94 -7.01	51.49 2.72 -5.54	46.17 2.97 -0.11	44.50 2.56 0.00	43.02 2.47 0.00	42.69 2.45 0.00
CPV_VALLEY__CC1 323721	44.77 1.76 0.00	44.38 1.54 0.00	42.04 1.38 0.00	41.20 1.31 0.00	41.25 1.28 0.00	42.23 1.31 0.00	44.64 1.67 0.00	45.26 2.03 0.00	43.79 1.93 0.00	46.31 1.95 0.00	45.08 1.98 0.00	46.75 2.10 0.00	45.08 1.94 0.00	44.85 1.85 0.00	44.90 1.85 0.00	47.57 2.21 -1.11	51.79 2.36 -2.21	57.39 2.55 -5.68	50.70 2.21 -5.23	49.51 2.16 -4.13	45.33 2.15 -0.08	43.92 1.97 0.00	42.49 1.95 0.00	42.00 1.77 0.00
CPV_VALLEY__CC2 323722	44.77 1.76 0.00	44.38 1.54 0.00	42.04 1.38 0.00	41.20 1.31 0.00	41.25 1.28 0.00	42.23 1.31 0.00	44.64 1.67 0.00	45.26 2.03 0.00	43.79 1.93 0.00	46.31 1.95 0.00	45.08 1.98 0.00	46.75 2.10 0.00	45.08 1.94 0.00	44.85 1.85 0.00	44.90 1.85 0.00	47.57 2.21 -1.11	51.79 2.36 -2.21	57.39 2.55 -5.68	50.70 2.21 -5.23	49.51 2.16 -4.13	45.33 2.15 -0.08	43.92 1.97 0.00	42.49 1.95 0.00	42.00 1.77 0.00
CRESCENT__HYD 24018	45.03 2.02 0.00	44.72 1.88 0.00	42.37 1.71 0.00	41.56 1.67 0.00	41.65 1.68 0.00	42.64 1.72 0.00	44.94 1.98 0.00	45.43 2.20 0.00	43.96 2.09 0.00	46.49 2.13 0.00	45.21 2.11 0.00	46.92 2.28 0.00	45.25 2.11 0.00	44.99 1.98 0.00	45.03 1.98 0.00	48.06 2.21 -1.60	52.80 2.41 -3.18	59.82 2.51 -8.15	52.98 2.21 -7.50	51.31 2.16 -5.93	45.32 2.11 -0.11	43.87 1.93 0.00	42.45 1.91 0.00	42.04 1.81 0.00
CRICKET__VALLEY_CC1 323756	45.50 2.49 0.00	45.10 2.27 0.00	42.69 2.03 0.00	41.88 1.99 0.00	41.97 2.00 0.00	42.93 2.00 0.00	45.41 2.45 0.00	45.99 2.77 0.00	44.55 2.68 0.00	47.11 2.75 0.00	45.86 2.76 0.00	47.55 2.90 0.00	45.86 2.72 0.00	45.63 2.62 0.00	45.68 2.63 0.00	48.57 2.96 -1.36	53.07 3.16 -2.70	59.37 3.29 -6.92	52.53 2.90 -6.36	51.15 2.90 -5.03	46.04 2.84 -0.10	44.55 2.60 0.00	43.14 2.60 0.00	42.65 2.41 0.00
CRICKET__VALLEY_CC2 323757	45.50 2.49 0.00	45.10 2.27 0.00	42.69 2.03 0.00	41.88 1.99 0.00	41.97 2.00 0.00	42.93 2.00 0.00	45.41 2.45 0.00	45.99 2.77 0.00	44.55 2.68 0.00	47.11 2.75 0.00	45.86 2.76 0.00	47.55 2.90 0.00	45.86 2.72 0.00	45.63 2.62 0.00	45.68 2.63 0.00	48.57 2.96 -1.36	53.07 3.16 -2.70	59.37 3.29 -6.92	52.53 2.90 -6.36	51.15 2.90 -5.03	46.04 2.84 -0.10	44.55 2.60 0.00	43.14 2.60 0.00	42.65 2.41 0.00
CRICKET__VALLEY_CC3 323758	45.50 2.49 0.00	45.10 2.27 0.00	42.69 2.03 0.00	41.88 1.99 0.00	41.97 2.00 0.00	42.93 2.00 0.00	45.41 2.45 0.00	45.99 2.77 0.00	44.55 2.68 0.00	47.11 2.75 0.00	45.86 2.76 0.00	47.55 2.90 0.00	45.86 2.72 0.00	45.63 2.62 0.00	45.68 2.63 0.00	48.57 2.96 -1.36	53.07 3.16 -2.70	59.37 3.29 -6.92	52.53 2.90 -6.36	51.15 2.90 -5.03	46.04 2.84 -0.10	44.55 2.60 0.00	43.14 2.60 0.00	42.65 2.41 0.00
CRUCIBLE__METL_DRP 24180	42.36 -0.65 0.00	42.11 -0.73 0.00	39.97 -0.69 0.00	39.17 -0.72 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.23 -0.73 0.00	42.49 -0.73 0.00	41.15 -0.71 0.00	43.70 -0.67 0.00	42.58 -0.52 0.00	44.24 -0.40 0.00	42.66 -0.47 0.00	42.49 -0.52 0.00	42.49 -0.56 0.00	43.89 -0.49 -0.13	47.05 -0.42 -0.26	49.33 -0.49 -0.67	43.53 -0.35 -0.61	43.28 -0.43 -0.48	42.50 -0.60 -0.01	41.27 -0.67 0.00	39.82 -0.73 0.00	39.55 -0.68 0.00
DAHOWA__HYDRO 323763	45.46 2.45 0.00	45.10 2.27 0.00	42.77 2.11 0.00	41.96 2.07 0.00	42.05 2.08 0.00	43.01 2.09 0.00	45.33 2.36 0.00	45.73 2.51 0.00	44.33 2.47 0.00	47.02 2.66 0.00	45.68 2.59 0.00	47.51 2.86 0.00	45.68 2.54 0.00	45.41 2.41 0.00	45.42 2.37 0.00	48.43 2.57 -1.62	53.32 2.88 -3.22	60.42 3.00 -8.27	53.47 2.60 -7.61	51.83 2.59 -6.01	45.71 2.50 -0.12	44.17 2.22 0.00	42.73 2.19 0.00	42.28 2.05 0.00
DANC__LFGE 323619	42.23 -0.77 0.00	41.98 -0.86 0.00	39.85 -0.81 0.00	39.13 -0.76 0.00	39.21 -0.76 0.00	40.23 -0.70 0.00	42.23 -0.73 0.00	42.66 -0.56 0.00	41.36 -0.50 0.00	43.83 -0.53 0.00	42.62 -0.47 0.00	44.24 -0.40 0.00	42.75 -0.39 0.00	42.58 -0.43 0.00	42.62 -0.43 0.00	43.89 -0.44 -0.08	47.05 -0.33 -0.16	49.24 -0.34 -0.42	43.26 -0.39 -0.39	43.10 -0.43 -0.31	42.46 -0.65 -0.01	41.15 -0.80 0.00	39.65 -0.89 0.00	39.31 -0.92 0.00
DANSKAMMER__1 23586	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.25 2.28 0.00	43.21 2.29 0.00	45.67 2.71 0.00	46.29 3.07 0.00	44.88 3.02 0.00	47.47 3.10 0.00	46.16 3.06 0.00	47.90 3.26 0.00	46.16 3.02 0.00	45.84 2.84 0.00	45.98 2.93 0.00	48.81 3.27 -1.29	53.32 3.54 -2.56	59.46 3.73 -6.57	52.56 3.25 -6.04	51.15 3.15 -4.77	46.33 3.14 -0.09	44.84 2.89 0.00	43.38 2.84 0.00	42.85 2.61 0.00
DANSKAMMER__2 23589	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.25 2.28 0.00	43.21 2.29 0.00	45.67 2.71 0.00	46.29 3.07 0.00	44.88 3.02 0.00	47.47 3.10 0.00	46.16 3.06 0.00	47.90 3.26 0.00	46.16 3.02 0.00	45.84 2.84 0.00	45.98 2.93 0.00	48.81 3.27 -1.29	53.32 3.54 -2.56	59.46 3.73 -6.57	52.56 3.25 -6.04	51.15 3.15 -4.77	46.33 3.14 -0.09	44.84 2.89 0.00	43.38 2.84 0.00	42.85 2.61 0.00
DANSKAMMER__3 23590	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.25 2.28 0.00	43.21 2.29 0.00	45.67 2.71 0.00	46.29 3.07 0.00	44.88 3.02 0.00	47.47 3.10 0.00	46.16 3.06 0.00	47.90 3.26 0.00	46.16 3.02 0.00	45.84 2.84 0.00	45.98 2.93 0.00	48.81 3.27 -1.29	53.32 3.54 -2.56	59.46 3.73 -6.57	52.56 3.25 -6.04	51.15 3.15 -4.77	46.33 3.14 -0.09	44.84 2.89 0.00	43.38 2.84 0.00	42.85 2.61 0.00

DANSKAMMER___4 23591	45.93 2.93 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.25 2.28 0.00	43.21 2.29 0.00	45.67 2.71 0.00	46.29 3.07 0.00	44.88 3.02 0.00	47.47 3.10 0.00	46.16 3.06 0.00	47.90 3.26 0.00	46.16 3.02 0.00	45.84 2.84 0.00	45.98 2.93 0.00	48.81 3.27 -1.29	53.32 3.54 -2.56	59.46 3.73 -6.57	52.56 3.25 -6.04	51.15 3.15 -4.77	46.33 3.14 -0.09	44.84 2.89 0.00	43.38 2.84 0.00	42.85 2.61 0.00
DANSKAMMER___DIESEL 23592	45.93 2.92 0.00	45.49 2.66 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.25 2.28 0.00	43.21 2.29 0.00	45.63 2.66 0.00	45.99 2.77 0.00	44.50 2.64 0.00	47.38 3.02 0.00	46.16 3.06 0.00	47.86 3.21 0.00	46.16 3.02 0.00	45.84 2.84 0.00	45.93 2.88 0.00	48.76 3.23 -1.29	53.31 3.54 -2.56	59.46 3.74 -6.57	52.55 3.25 -6.04	51.15 3.16 -4.77	46.38 3.19 -0.09	44.84 2.89 0.00	43.38 2.84 0.00	42.85 2.62 0.00
DARBY___SOLAR 323810	45.37 2.36 0.00	45.02 2.18 0.00	42.69 2.03 0.00	41.88 1.99 0.00	41.97 2.00 0.00	42.97 2.05 0.00	45.24 2.28 0.00	45.69 2.46 0.00	44.29 2.43 0.00	46.93 2.57 0.00	45.59 2.50 0.00	47.42 2.77 0.00	45.64 2.50 0.00	45.33 2.32 0.00	45.37 2.32 0.00	48.39 2.52 -1.62	53.26 2.83 -3.22	60.36 2.95 -8.25	53.37 2.51 -7.59	51.73 2.51 -6.00	45.67 2.46 -0.11	44.12 2.18 0.00	42.69 2.15 0.00	42.24 2.01 0.00
DASHVILLE___HYD 23610	45.41 2.41 0.00	44.98 2.14 0.00	42.57 1.91 0.00	41.76 1.87 0.00	41.77 1.80 0.00	42.72 1.80 0.00	45.11 2.15 0.00	45.43 2.20 0.00	43.96 2.09 0.00	46.80 2.44 0.00	45.64 2.54 0.00	47.24 2.59 0.00	45.60 2.46 0.00	45.29 2.28 0.00	45.42 2.37 0.00	47.87 2.30 -1.32	52.82 2.97 -2.63	58.62 2.70 -6.76	51.82 2.34 -6.22	50.38 2.25 -4.91	45.91 2.72 -0.09	44.38 2.43 0.00	42.98 2.43 0.00	42.44 2.21 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	54.91 5.12 -6.78	49.19 4.80 -1.55	45.09 4.43 0.00	44.27 4.39 0.00	44.21 4.24 0.00	44.97 4.05 0.00	51.00 4.94 -3.10	53.55 5.10 -5.22	58.87 4.90 -12.11	64.50 5.46 -14.69	49.69 5.69 -0.90	56.34 5.85 -5.85	51.12 5.48 -2.51	50.54 5.42 -2.11	53.35 5.34 -4.97	53.56 5.75 -3.56	66.60 6.19 -13.20	79.99 6.64 -24.20	57.68 5.71 -8.70	53.61 5.53 -4.85	49.37 5.77 -0.50	48.53 5.37 -1.22	52.97 5.23 -7.19	46.93 5.11 -1.59
DELAWARE___LFGE 323621	44.73 1.72 0.00	44.38 1.54 0.00	42.08 1.42 0.00	41.28 1.40 0.00	41.37 1.40 0.00	42.40 1.47 0.00	44.64 1.68 0.00	45.00 1.77 0.00	43.54 1.67 0.00	46.27 1.91 0.00	45.08 1.98 0.00	46.79 2.14 0.00	45.12 1.98 0.00	44.86 1.85 0.00	44.90 1.85 0.00	46.75 1.95 -0.56	50.60 2.27 -1.11	54.23 2.21 -2.86	47.85 1.95 -2.63	47.16 1.86 -2.08	44.95 1.81 -0.04	43.58 1.64 0.00	42.09 1.54 0.00	41.72 1.49 0.00
DERFIELD_115KV_TB7 355931	43.35 0.34 0.00	43.09 0.26 0.00	40.90 0.24 0.00	40.12 0.24 0.00	40.21 0.24 0.00	41.17 0.25 0.00	43.31 0.34 0.00	43.57 0.35 0.00	42.16 0.29 0.00	44.72 0.35 0.00	43.48 0.39 0.00	45.09 0.45 0.00	43.53 0.39 0.00	43.35 0.34 0.00	43.39 0.34 0.00	44.65 0.40 0.00	47.64 0.42 0.00	49.60 0.44 0.00	43.61 0.35 0.00	43.57 0.35 0.00	43.40 0.30 0.00	42.20 0.25 0.00	40.79 0.24 0.00	40.43 0.20 0.00
DOGLEVILLE___HYD 23807	43.09 0.09 0.00	42.92 0.09 0.00	40.78 0.12 0.00	40.09 0.20 0.00	40.21 0.24 0.00	41.17 0.25 0.00	43.31 0.34 0.00	43.70 0.48 0.00	42.20 0.33 0.00	44.63 0.27 0.00	43.23 0.13 0.00	44.78 0.13 0.00	43.10 -0.04 0.00	42.84 -0.17 0.00	42.79 -0.26 0.00	43.98 -0.26 0.00	46.79 -0.43 0.00	48.67 -0.49 0.00	42.79 -0.47 0.00	42.71 -0.52 0.00	42.45 -0.65 0.00	41.27 -0.67 0.00	39.86 -0.69 0.00	39.55 -0.68 0.00
DUNKIRK___115KV_TB_200 55889	41.54 -1.46 0.00	41.16 -1.67 0.00	39.28 -1.38 0.00	38.45 -1.44 0.00	38.45 -1.52 0.00	39.53 -1.39 0.00	41.07 -1.89 0.00	40.93 -2.29 0.00	39.27 -2.60 0.00	41.39 -2.97 0.00	40.47 -2.63 0.00	42.28 -2.37 0.00	40.90 -2.24 0.00	40.60 -2.41 0.00	40.68 -2.37 0.00	41.41 -3.05 -0.21	45.51 -2.12 -0.42	46.95 -3.29 -1.09	41.76 -2.51 -1.00	41.20 -2.81 -0.79	40.70 -2.41 -0.02	39.55 -2.39 0.00	37.87 -2.68 0.00	38.42 -1.81 0.00
DUNKIRK___1 23563	41.54 -1.46 0.00	41.16 -1.67 0.00	39.28 -1.38 0.00	38.45 -1.44 0.00	38.45 -1.52 0.00	39.53 -1.39 0.00	41.07 -1.89 0.00	40.93 -2.29 0.00	39.27 -2.60 0.00	41.39 -2.97 0.00	40.47 -2.63 0.00	42.28 -2.37 0.00	40.90 -2.24 0.00	40.60 -2.41 0.00	40.68 -2.37 0.00	41.41 -3.05 -0.21	45.51 -2.12 -0.42	46.95 -3.29 -1.09	41.76 -2.51 -1.00	41.20 -2.81 -0.79	40.70 -2.41 -0.02	39.55 -2.39 0.00	37.87 -2.68 0.00	38.42 -1.81 0.00
DUNKIRK___2 23564	41.54 -1.46 0.00	41.16 -1.67 0.00	39.28 -1.38 0.00	38.45 -1.44 0.00	38.45 -1.52 0.00	39.53 -1.39 0.00	41.07 -1.89 0.00	40.93 -2.29 0.00	39.27 -2.60 0.00	41.39 -2.97 0.00	40.47 -2.63 0.00	42.28 -2.37 0.00	40.90 -2.24 0.00	40.60 -2.41 0.00	40.68 -2.37 0.00	41.41 -3.05 -0.21	45.51 -2.12 -0.42	46.95 -3.29 -1.09	41.76 -2.51 -1.00	41.20 -2.81 -0.79	40.70 -2.41 -0.02	39.55 -2.39 0.00	37.87 -2.68 0.00	38.42 -1.81 0.00
DUNKIRK___3 23565	41.29 -1.72 0.00	40.95 -1.88 0.00	39.07 -1.59 0.00	38.25 -1.64 0.00	38.25 -1.72 0.00	39.37 -1.56 0.00	40.90 -2.06 0.00	40.76 -2.46 0.00	39.06 -2.80 0.00	41.21 -3.15 0.00	40.30 -2.80 0.00	42.10 -2.54 0.00	40.68 -2.46 0.00	40.38 -2.62 0.00	40.47 -2.58 0.00	41.10 -3.36 -0.21	45.23 -2.41 -0.42	46.61 -3.64 -1.09	41.41 -2.86 -1.00	40.86 -3.16 -0.79	40.48 -2.63 -0.02	39.34 -2.60 0.00	37.67 -2.88 0.00	38.22 -2.01 0.00
DUNKIRK___4 23566	41.33 -1.68 0.00	40.99 -1.84 0.00	39.12 -1.55 0.00	38.29 -1.60 0.00	38.29 -1.68 0.00	39.41 -1.51 0.00	40.90 -2.06 0.00	40.72 -2.51 0.00	39.06 -2.80 0.00	41.21 -3.15 0.00	40.30 -2.80 0.00	42.10 -2.54 0.00	40.72 -2.42 0.00	40.43 -2.58 0.00	40.47 -2.58 0.00	41.18 -3.27 -0.21	45.27 -2.36 -0.42	46.63 -3.59 -1.07	41.48 -2.77 -0.98	40.93 -3.07 -0.77	40.48 -2.63 -0.01	39.34 -2.60 0.00	37.67 -2.88 0.00	38.26 -1.97 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.80 2.80 0.00	45.36 2.53 0.00	42.94 2.28 0.00	42.08 2.19 0.00	42.13 2.16 0.00	43.09 2.17 0.00	45.63 2.66 0.00	45.99 2.77 0.00	44.50 2.64 0.00	47.42 3.06 0.00	46.33 3.23 0.00	47.99 3.35 0.00	46.37 3.24 0.00	46.10 3.10 0.00	46.15 3.10 0.00	49.02 3.50 -1.28	53.43 3.68 -2.54	59.55 3.88 -6.51	52.63 3.37 -5.99	51.33 3.37 -4.73	46.59 3.40 -0.09	45.01 3.06 0.00	43.59 3.04 0.00	43.01 2.78 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.50 2.49 0.00	45.06 2.23 0.00	42.65 1.99 0.00	41.80 1.91 0.00	41.85 1.88 0.00	42.80 1.88 0.00	45.24 2.28 0.00	45.56 2.33 0.00	44.04 2.18 0.00	46.89 2.53 0.00	45.73 2.63 0.00	47.37 2.72 0.00	45.73 2.59 0.00	45.46 2.45 0.00	45.50 2.45 0.00	48.33 2.83 -1.25	52.76 3.07 -2.48	58.81 3.29 -6.36	51.98 2.86 -5.86	50.62 2.77 -4.63	45.99 2.80 -0.09	44.46 2.52 0.00	43.02 2.47 0.00	42.53 2.29 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	46.33 3.31 -0.01	45.93 3.08 -0.01	43.43 2.76 -0.01	42.61 2.71 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.54 2.68 0.00	47.60 3.24 0.00	46.54 3.45 0.00	48.22 3.57 0.00	46.59 3.45 0.00	46.32 3.31 0.00	46.36 3.31 0.00	49.20 3.67 -1.28	53.67 3.92 -2.54	59.85 4.18 -6.52	52.89 3.63 -5.99	51.54 3.59 -4.73	46.72 3.53 -0.09	45.35 3.40 -0.01	43.96 3.41 -0.01	43.50 3.26 -0.01
E179THST_13_KV_LOAD 356214	46.50 3.48 -0.01	46.10 3.26 -0.01	43.60 2.93 -0.01	42.73 2.83 -0.01	42.78 2.80 -0.01	43.75 2.82 0.00	46.01 3.05 0.00	46.12 2.90 0.00	44.71 2.85 0.00	47.82 3.46 0.00	46.76 3.66 0.00	48.44 3.79 0.00	46.81 3.67 0.00	46.49 3.48 0.00	46.58 3.53 0.00	49.42 3.89 -1.28	53.91 4.15 -2.54	60.10 4.42 -6.52	53.11 3.85 -5.99	51.80 3.85 -4.73	46.94 3.75 -0.09	45.52 3.57 -0.01	44.12 3.57 -0.01	43.70 3.46 -0.01
EAST HAMPTON___GT 23717	55.47 5.68 -6.78	49.74 5.35 -1.55	45.62 4.96 0.00	44.75 4.86 0.00	44.69 4.71 0.00	45.50 4.58 0.00	51.65 5.58 -3.10	54.54 6.10 -5.22	59.91 5.94 -12.11	65.26 6.21 -14.69	50.34 6.34 -0.90	57.01 6.52 -5.85	51.77 6.12 -2.51	51.14 6.02 -2.11	54.00 5.98 -4.96	54.26 6.46 -3.56	67.31 6.89 -13.20	80.73 7.37 -24.20	58.33 6.36 -8.70	54.26 6.18 -4.85	49.94 6.34 -0.50	49.08 5.92 -1.22	53.49 5.76 -7.19	47.41 5.59 -1.59
EAST RIVER___6 23660	45.93 2.93 0.00	45.41 2.57 0.00	43.02 2.36 0.00	42.12 2.23 0.00	42.17 2.20 0.00	43.09 2.17 0.00	45.67 2.71 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.50 3.40 0.00	48.26 3.61 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.36 3.32 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.80 4.13 -6.51	52.81 3.55 -5.99	51.59 3.63 -4.73	46.76 3.58 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
EAST RIVER___7 23524	45.93 2.93 0.00	45.41 2.57 0.00	43.02 2.36 0.00	42.12 2.23 0.00	42.17 2.20 0.00	43.09 2.17 0.00	45.67 2.71 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.50 3.40 0.00	48.26 3.61 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.36 3.32 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.80 4.13 -6.51	52.81 3.55 -5.99	51.59 3.63 -4.73	46.76 3.58 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.76 2.75 0.00	45.32 2.48 0.00	42.90 2.24 0.00	42.04 2.15 0.00	42.09 2.12 0.00	43.05 2.13 0.00	45.54 2.58 0.00	45.90 2.68 0.00	44.42 2.55 0.00	47.33 2.97 0.00	46.20 3.10 0.00	47.86 3.21 0.00	46.25 3.11 0.00	45.97 2.97 0.00	46.02 2.97 0.00	48.88 3.36 -1.27	53.28 3.54 -2.53	59.43 3.79 -6.49	52.48 3.25 -5.97	51.18 3.24 -4.72	46.46 3.28 -0.09	44.92 2.98 0.00	43.47 2.92 0.00	42.93 2.70 0.00
EAST_HAMPTON___DIESEL 23722	55.51 5.72 -6.78	49.79 5.40 -1.55	45.62 4.96 0.00	44.79 4.90 0.00	44.73 4.75 0.00	45.50 4.58 0.00	51.69 5.63 -3.10	54.54 6.10 -5.22	59.95 5.99 -12.11	65.26 6.21 -14.69	50.38 6.38 -0.90	57.06 6.57 -5.85	51.77 6.12 -2.51	51.14 6.02 -2.11	54.04 6.03 -4.96	54.31 6.51 -3.56	67.31 6.89 -13.20	80.78 7.42 -24.20	58.37 6.40 -8.70	54.26 6.18 -4.85	49.94 6.34 -0.50	49.08 5.92 -1.22	53.49 5.76 -7.19	47.41 5.59 -1.59
EAST_PULASKI___ESR 323781	42.02 -0.99 0.00	41.76 -1.07 0.00	39.64 -1.02 0.00	38.89 -1.00 0.00	38.97 -1.00 0.00	39.94 -0.98 0.00	41.93 -1.03 0.00	42.19 -1.04 0.00	40.86 -1.00 0.00	43.47 -0.89 0.00	42.32 -0.78 0.00	43.93 -0.71 0.00	42.41 -0.73 0.00	42.23 -0.77 0.00	42.27 -0.77 0.00	43.54 -0.80 -0.09	46.69 -0.71 -0.19	48.90 -0.74 -0.48	43.06 -0.65 -0.44	42.84 -0.73 -0.35	42.20 -0.91 -0.01	40.94 -1.01 0.00	39.49 -1.05 0.00	39.19 -1.05 0.00
EAST_RIVER___1 323558	45.97 2.97 0.00	45.54 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.25 2.28 0.00	43.21 2.29 0.00	45.75 2.79 0.00	46.47 3.24 0.00	45.04 3.18 0.00	47.73 3.37 0.00	46.50 3.40 0.00	48.26 3.61 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.36 3.32 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.59 3.63 -4.73	46.76 3.58 -0.09	45.17 3.23 0.00	43.79 3.24 0.00	43.25 3.02 0.00
EAST_RIVER___2 323559	45.93 2.93 0.00	45.41 2.57 0.00	43.02 2.36 0.00	42.12 2.23 0.00	42.17 2.20 0.00	43.09 2.17 0.00	45.67 2.71 0.00	46.42 3.20 0.00	45.00 3.14 0.00	47.69 3.33 0.00	46.50 3.40 0.00	48.26 3.61 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.36 3.32 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.80 4.13 -6.51	52.81 3.55 -5.99	51.59 3.63 -4.73	46.76 3.58 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.17 2.94 0.00
EAST___DELAWARE_HYD 23607	45.54 2.54 0.00	45.10 2.27 0.00	42.65 1.99 0.00	41.84 1.95 0.00	41.85 1.88 0.00	42.85 1.92 0.00	45.24 2.28 0.00	45.86 2.64 0.00	44.46 2.60 0.00	47.02 2.66 0.00	45.64 2.54 0.00	47.33 2.68 0.00	45.55 2.41 0.00	45.24 2.23 0.00	45.37 2.32 0.00	48.15 2.74 -1.16	52.58 3.07 -2.30	58.41 3.34 -5.91	51.60 2.90 -5.43	50.29 2.77 -4.29	45.90 2.72 -0.08	44.38 2.43 0.00	42.90 2.35 0.00	42.36 2.13 0.00
EIGHT_POINT___WT_PWR 323820	42.75 -0.26 0.00	42.37 -0.47 0.00	40.38 -0.28 0.00	39.57 -0.32 0.00	39.61 -0.36 0.00	40.68 -0.24 0.00	42.53 -0.43 0.00	42.92 -0.30 0.00	41.57 -0.29 0.00	42.90 -1.46 0.00	41.93 -1.16 0.00	43.44 -1.20 0.00	42.02 -1.12 0.00	41.63 -1.38 0.00	41.97 -1.07 0.00	42.93 -1.59 -0.27	47.00 -0.76 -0.54	48.92 -1.62 -1.38	43.42 -1.13 -1.27	43.07 -1.17 -1.01	42.04 -1.08 -0.02	40.98 -0.96 0.00	39.37 -1.18 0.00	39.63 -0.60 0.00
ELBRIDGE_115KV_TB2 80188	42.19 -0.82 0.00	41.89 -0.94 0.00	39.77 -0.89 0.00	39.01 -0.88 0.00	39.05 -0.92 0.00	40.06 -0.86 0.00	42.02 -0.95 0.00	42.27 -0.95 0.00	40.94 -0.92 0.00	43.43 -0.93 0.00	42.32 -0.78 0.00	43.98 -0.67 0.00	42.41 -0.73 0.00	42.23 -0.77 0.00	42.23 -0.82 0.00	43.68 -0.71 -0.14	46.83 -0.66 -0.27	49.13 -0.74 -0.71	43.35 -0.56 -0.65	43.09 -0.65 -0.51	42.29 -0.82 -0.01	41.02 -0.92 0.00	39.61 -0.93 0.00	39.35 -0.89 0.00
ELEC_TRO_TEK 24086	53.27 3.48 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.37 3.31 -3.10	51.86 3.41 -5.22	57.23 3.27 -12.11	62.77 3.73 -14.69	47.83 3.84 -0.90	49.17 4.02 -0.51	49.03 3.88 -2.00	48.74 3.74 -1.99	48.75 3.75 -1.96	49.64 4.11 -1.28	54.09 4.34 -2.54	60.24 4.57 -6.51	53.19 3.94 -5.99	51.85 3.89 -4.73	47.57 4.01 -0.46	46.69 3.65 -1.10	46.15 3.61 -1.99	45.16 3.38 -1.55
ELLENBURG_WT_PWR 323604	42.84 -0.17 0.00	43.43 0.60 0.00	41.68 1.02 0.00	41.12 1.24 0.00	41.37 1.40 0.00	41.90 0.98 0.00	43.61 0.65 0.00	43.40 0.17 0.00	41.86 0.00 0.00	44.71 0.35 0.00	43.48 0.39 0.00	45.00 0.36 0.00	43.57 0.43 0.00	43.48 0.47 0.00	43.27 0.22 0.00	44.34 0.09 0.00	47.17 -0.05 0.00	49.21 0.05 0.00	43.05 -0.22 0.00	43.10 -0.13 0.00	43.01 -0.09 0.00	41.94 0.00 0.00	40.55 0.00 0.00	40.35 0.12 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.51 -2.49 0.00	40.18 -2.66 0.00	38.34 -2.32 0.00	37.53 -2.35 0.00	37.57 -2.40 0.00	38.63 -2.29 0.00	40.04 -2.92 0.00	39.85 -3.37 0.00	38.26 -3.60 0.00	40.37 -3.99 0.00	39.48 -3.62 0.00	41.25 -3.39 0.00	39.90 -3.24 0.00	39.61 -3.40 0.00	39.65 -3.40 0.00	40.60 -3.85 -0.20	44.26 -3.35 -0.40	45.86 -4.33 -1.03	40.84 -3.37 -0.94	40.30 -3.67 -0.75	39.62 -3.49 -0.01	38.50 -3.44 0.00	36.86 -3.69 0.00	37.50 -2.74 0.00
EMPIRE_CC_1 323656	44.64 1.63 0.00	44.33 1.50 0.00	42.00 1.34 0.00	41.20 1.31 0.00	41.29 1.32 0.00	42.27 1.35 0.00	44.51 1.54 0.00	45.04 1.82 0.00	43.54 1.68 0.00	45.91 1.55 0.00	44.65 1.55 0.00	46.34 1.70 0.00	44.69 1.55 0.00	44.42 1.42 0.00	44.51 1.46 0.00	47.45 1.68 -1.52	52.04 1.79 -3.03	58.75 1.82 -7.77	52.06 1.64 -7.15	50.51 1.64 -5.65	44.80 1.60 -0.11	43.37 1.43 0.00	42.09 1.54 0.00	41.68 1.45 0.00
EMPIRE_CC_2 323658	44.64 1.63 0.00	44.33 1.50 0.00	42.00 1.34 0.00	41.20 1.31 0.00	41.29 1.32 0.00	42.27 1.35 0.00	44.51 1.54 0.00	45.04 1.82 0.00	43.54 1.68 0.00	45.91 1.55 0.00	44.65 1.55 0.00	46.34 1.70 0.00	44.69 1.55 0.00	44.42 1.42 0.00	44.51 1.46 0.00	47.45 1.68 -1.52	52.04 1.79 -3.03	58.75 1.82 -7.77	52.06 1.64 -7.15	50.51 1.64 -5.65	44.80 1.60 -0.11	43.37 1.43 0.00	42.09 1.54 0.00	41.68 1.45 0.00
ENORWICH_115KV_TB1 80156	46.62 3.61 0.00	46.22 3.38 0.00	43.95 3.29 0.00	43.16 3.27 0.00	43.21 3.24 0.00	44.44 3.52 0.00	46.79 3.82 0.00	47.20 3.98 0.00	45.67 3.81 0.00	48.62 4.26 0.00	47.28 4.18 0.00	49.16 4.51 0.00	47.11 3.97 0.00	46.66 3.66 0.00	46.67 3.62 0.00	48.36 3.72 -0.40	52.54 4.53 -0.80	55.58 4.38 -2.04	48.87 3.72 -1.88	48.34 3.63 -1.49	46.40 3.28 -0.03	44.84 2.89 0.00	43.06 2.51 0.00	42.77 2.53 0.00
ERIE_ST__34_KV_TB1-2 80199	41.59 -1.42 0.00	41.21 -1.63 0.00	39.32 -1.34 0.00	38.53 -1.36 0.00	38.53 -1.44 0.00	39.65 -1.27 0.00	41.20 -1.76 0.00	41.02 -2.20 0.00	39.35 -2.51 0.00	41.52 -2.84 0.00	40.60 -2.50 0.00	42.41 -2.23 0.00	41.03 -2.11 0.00	40.73 -2.28 0.00	40.77 -2.28 0.00	40.47 -3.98 -0.21	45.60 -2.03 -0.41	45.84 -4.38 -1.06	40.78 -3.46 -0.97	40.23 -3.76 -0.77	40.74 -2.37 -0.01	39.59 -2.35 0.00	37.91 -2.64 0.00	38.50 -1.73 0.00
ERIE_WT_PWR 323693	40.99 -2.02 0.00	40.65 -2.18 0.00	38.79 -1.87 0.00	38.01 -1.87 0.00	38.02 -1.96 0.00	39.08 -1.84 0.00	40.82 -2.15 0.00	41.19 -2.03 0.00	39.90 -1.97 0.00	40.86 -3.51 0.00	39.95 -3.14 0.00	41.52 -3.13 0.00	40.38 -2.76 0.00	40.08 -2.93 0.00	40.25 -2.80 0.00	40.91 -3.54 -0.21	44.84 -2.79 -0.41	46.17 -4.03 -1.05	41.07 -3.16 -0.96	40.74 -3.24 -0.76	39.92 -3.19 -0.01	38.97 -2.98 0.00	37.34 -3.20 0.00	37.94 -2.29 0.00
ESPRGFLD_115KV_TB1 80157	46.06 3.05 0.00	45.79 2.96 0.00	43.43 2.76 0.00	42.60 2.71 0.00	42.65 2.68 0.00	43.79 2.86 0.00	46.14 3.18 0.00	46.51 3.29 0.00	45.13 3.27 0.00	48.00 3.64 0.00	46.67 3.58 0.00	48.53 3.88 0.00	46.68 3.54 0.00	46.40 3.40 0.00	46.41 3.36 0.00	47.68 3.41 -0.02	51.27 4.01 -0.04	53.35 4.08 -0.11	46.91 3.55 -0.10	46.72 3.41 -0.08	46.37 3.28 0.00	45.05 3.10 0.00	43.38 2.84 0.00	43.01 2.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.61 0.60 0.00	43.31 0.47 0.00	41.11 0.45 0.00	40.32 0.44 0.00	40.37 0.40 0.00	41.41 0.49 0.00	43.48 0.52 0.00	43.74 0.52 0.00	42.37 0.50 0.00	44.94 0.58 0.00	43.74 0.65 0.00	45.45 0.80 0.00	43.83 0.69 0.00	43.57 0.56 0.00	43.65 0.60 0.00	45.15 0.62 -0.29	48.78 0.99 -0.57	51.51 0.88 -1.47	45.44 0.82 -1.35	44.98 0.69 -1.07	43.72 0.60 -0.02	42.36 0.42 0.00	40.83 0.28 0.00	40.59 0.36 0.00
ETNA____115KV_TB2 80207	43.61 0.60 0.00	43.31 0.47 0.00	41.11 0.45 0.00	40.32 0.44 0.00	40.37 0.40 0.00	41.41 0.49 0.00	43.48 0.52 0.00	43.74 0.52 0.00	42.37 0.50 0.00	44.94 0.58 0.00	43.74 0.65 0.00	45.45 0.80 0.00	43.83 0.69 0.00	43.57 0.56 0.00	43.65 0.60 0.00	45.15 0.62 -0.29	48.78 0.99 -0.57	51.51 0.88 -1.47	45.44 0.82 -1.35	44.98 0.69 -1.07	43.72 0.60 -0.02	42.36 0.42 0.00	40.83 0.28 0.00	40.59 0.36 0.00
EUCLID__115KV_TB2 356179	41.89 -1.12 0.00	41.59 -1.24 0.00	39.48 -1.18 0.00	38.73 -1.16 0.00	38.81 -1.16 0.00	39.78 -1.15 0.00	41.76 -1.20 0.00	41.97 -1.25 0.00	40.65 -1.21 0.00	43.16 -1.20 0.00	42.02 -1.08 0.00	43.62 -1.03 0.00	42.10 -1.04 0.00	41.93 -1.08 0.00	41.97 -1.08 0.00	43.34 -1.02 -0.11	46.39 -1.04 -0.22	48.63 -1.08 -0.56	42.91 -0.87 -0.51	42.68 -0.95 -0.41	41.98 -1.12 -0.01	40.77 -1.17 0.00	39.33 -1.22 0.00	39.11 -1.13 0.00
E_CANADA_CAP_HY 24051	46.88 3.87 0.00	46.61 3.77 0.00	44.20 3.54 0.00	43.32 3.43 0.00	43.37 3.40 0.00	44.52 3.60 0.00	46.96 4.00 0.00	47.55 4.32 0.00	46.18 4.31 0.00	48.84 4.48 0.00	47.36 4.27 0.00	49.25 4.60 0.00	47.32 4.18 0.00	47.05 4.04 0.00	47.14 4.09 0.00	50.23 4.12 -1.87	55.70 4.77 -3.72	63.67 4.96 -9.55	56.34 4.28 -8.79	54.40 4.24 -6.94	47.28 4.05 -0.13	45.89 3.94 0.00	44.24 3.69 0.00	43.77 3.54 0.00
E_CANADA_MHWK_HY 24050	43.09 0.09 0.00	42.92 0.09 0.00	40.78 0.12 0.00	40.09 0.20 0.00	40.21 0.24 0.00	41.17 0.25 0.00	43.31 0.34 0.00	43.70 0.48 0.00	42.20 0.33 0.00	44.63 0.27 0.00	43.23 0.13 0.00	44.78 0.13 0.00	43.10 -0.04 0.00	42.84 -0.17 0.00	42.79 -0.26 0.00	43.98 -0.26 0.00	46.79 -0.43 0.00	48.67 -0.49 0.00	42.79 -0.47 0.00	42.71 -0.52 0.00	42.45 -0.65 0.00	41.27 -0.67 0.00	39.86 -0.69 0.00	39.55 -0.68 0.00
E_FISHKILL__LBMP 23776	45.46 2.45 0.00	45.06 2.23 0.00	42.65 1.99 0.00	41.84 1.95 0.00	41.89 1.92 0.00	42.85 1.92 0.00	45.28 2.32 0.00	45.65 2.42 0.00	44.12 2.26 0.00	46.98 2.62 0.00	45.81 2.72 0.00	47.50 2.86 0.00	45.86 2.72 0.00	45.59 2.58 0.00	45.68 2.63 0.00	48.53 2.96 -1.31	52.99 3.16 -2.61	59.16 3.29 -6.71	52.34 2.90 -6.17	50.95 2.85 -4.87	46.08 2.89 -0.09	44.54 2.60 0.00	43.14 2.59 0.00	42.61 2.37 0.00
FALCON__SEABRD_CC1 323796	43.39 0.39 0.00	44.03 1.20 0.00	42.29 1.63 0.00	41.68 1.80 0.00	42.01 2.04 0.00	42.27 1.35 0.00	43.95 0.99 0.00	43.75 0.52 0.00	42.28 0.42 0.00	45.16 0.80 0.00	43.91 0.82 0.00	45.45 0.80 0.00	44.00 0.86 0.00	43.91 0.90 0.00	43.65 0.60 0.00	44.73 0.49 0.00	47.64 0.42 0.00	49.70 0.54 0.00	43.48 0.22 0.00	43.49 0.26 0.00	43.40 0.30 0.00	42.32 0.38 0.00	40.87 0.32 0.00	40.68 0.44 0.00
FALCON__SEABRD_CC2 323797	43.39 0.39 0.00	44.03 1.20 0.00	42.29 1.63 0.00	41.68 1.80 0.00	42.01 2.04 0.00	42.27 1.35 0.00	43.95 0.99 0.00	43.75 0.52 0.00	42.28 0.42 0.00	45.16 0.80 0.00	43.91 0.82 0.00	45.45 0.80 0.00	44.00 0.86 0.00	43.91 0.90 0.00	43.65 0.60 0.00	44.73 0.49 0.00	47.64 0.42 0.00	49.70 0.54 0.00	43.48 0.22 0.00	43.49 0.26 0.00	43.40 0.30 0.00	42.32 0.38 0.00	40.87 0.32 0.00	40.68 0.44 0.00

FAR ROCKAWAY___4 23548	53.83 4.04 -6.78	48.16 3.77 -1.55	44.08 3.42 0.00	43.16 3.27 0.00	43.17 3.20 0.00	44.11 3.19 0.00	49.93 3.87 -3.10	52.42 3.98 -5.22	57.78 3.81 -12.11	63.40 4.35 -14.69	48.52 4.53 -0.90	49.89 4.73 -0.51	49.72 4.57 -2.00	49.38 4.39 -1.99	49.44 4.43 -1.96	50.35 4.82 -1.28	54.80 5.05 -2.54	60.97 5.31 -6.51	53.84 4.59 -5.99	52.49 4.54 -4.73	48.17 4.61 -0.46	47.28 4.24 -1.10	46.67 4.14 -1.99	45.64 3.86 -1.55
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.06 3.05 0.00	45.58 2.74 0.00	43.14 2.48 0.00	42.28 2.39 0.00	42.33 2.36 0.00	43.25 2.33 0.00	45.76 2.79 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.64 3.28 0.00	46.54 3.45 0.00	48.22 3.57 0.00	46.59 3.45 0.00	46.32 3.31 0.00	46.36 3.31 0.00	49.28 3.76 -1.28	53.67 3.92 -2.54	59.80 4.13 -6.51	52.85 3.59 -5.99	51.59 3.63 -4.73	46.85 3.66 -0.09	45.22 3.27 0.00	43.83 3.28 0.00	43.29 3.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.06 3.05 0.00	45.58 2.74 0.00	43.14 2.48 0.00	42.28 2.39 0.00	42.33 2.36 0.00	43.25 2.33 0.00	45.76 2.79 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.64 3.28 0.00	46.54 3.45 0.00	48.22 3.57 0.00	46.59 3.45 0.00	46.32 3.31 0.00	46.36 3.31 0.00	49.28 3.76 -1.28	53.67 3.92 -2.54	59.85 4.18 -6.51	52.85 3.59 -5.99	51.63 3.67 -4.73	46.85 3.66 -0.09	45.26 3.31 0.00	43.83 3.28 0.00	43.29 3.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.67 2.80 0.00	47.64 3.28 0.00	46.50 3.40 0.00	48.22 3.57 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.36 3.31 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.80 4.13 -6.51	52.81 3.55 -5.99	51.59 3.63 -4.73	46.81 3.62 -0.09	45.22 3.27 0.00	43.79 3.24 0.00	43.25 3.02 0.00
FARRAGUT___LBMP 323566	45.97 2.97 0.00	45.49 2.66 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.25 2.28 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.76 3.50 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.17 3.23 0.00	43.79 3.24 0.00	43.21 2.98 0.00
FENNER___WINDPWR 24204	43.69 0.69 0.00	43.43 0.60 0.00	41.23 0.57 0.00	40.44 0.56 0.00	40.53 0.56 0.00	41.57 0.65 0.00	43.74 0.77 0.00	44.22 0.99 0.00	42.87 1.00 0.00	45.25 0.89 0.00	44.00 0.91 0.00	45.63 0.98 0.00	44.05 0.91 0.00	43.87 0.86 0.00	43.95 0.91 0.00	45.33 0.93 -0.16	48.61 1.09 -0.31	50.99 1.03 -0.80	44.87 0.86 -0.73	44.62 0.82 -0.58	43.71 0.60 -0.01	42.45 0.51 0.00	40.95 0.41 0.00	40.63 0.40 0.00
FIBERTEK___ENERGY 23856	42.36 -0.65 0.00	42.11 -0.73 0.00	39.97 -0.69 0.00	39.17 -0.72 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.23 -0.73 0.00	42.49 -0.73 0.00	41.15 -0.71 0.00	43.70 -0.67 0.00	42.58 -0.52 0.00	44.24 -0.40 0.00	42.66 -0.47 0.00	42.49 -0.52 0.00	42.49 -0.56 0.00	43.89 -0.49 -0.13	47.05 -0.42 -0.26	49.33 -0.49 -0.67	43.53 -0.35 -0.61	43.28 -0.43 -0.48	42.50 -0.60 -0.01	41.27 -0.67 0.00	39.82 -0.73 0.00	39.55 -0.68 0.00
FITZPATRICK___ 23598	41.28 -1.72 0.00	41.08 -1.76 0.00	38.99 -1.67 0.00	38.25 -1.64 0.00	38.30 -1.68 0.00	39.24 -1.68 0.00	41.24 -1.72 0.00	41.58 -1.64 0.00	40.32 -1.55 0.00	42.59 -1.78 0.00	41.41 -1.68 0.00	42.95 -1.70 0.00	41.50 -1.64 0.00	41.33 -1.68 0.00	41.37 -1.68 0.00	42.69 -1.64 -0.08	45.62 -1.75 -0.15	47.78 -1.77 -0.39	42.11 -1.52 -0.36	41.95 -1.55 -0.28	41.42 -1.68 -0.01	40.18 -1.76 0.00	38.80 -1.74 0.00	38.58 -1.65 0.00
FLOWRFLD_69_KV_BK1 356044	53.96 4.17 -6.78	48.24 3.86 -1.55	44.20 3.54 0.00	43.32 3.43 0.00	43.25 3.28 0.00	43.95 3.03 0.00	49.89 3.82 -3.10	52.38 3.93 -5.22	57.78 3.81 -12.11	63.35 4.30 -14.69	48.35 4.35 -0.90	56.17 4.64 -6.88	50.23 4.49 -2.60	49.53 4.39 -2.14	52.99 4.39 -5.55	53.03 4.78 -4.00	67.62 5.15 -15.26	82.19 5.41 -27.62	57.12 4.63 -9.23	52.64 4.54 -4.88	48.39 4.78 -0.51	47.59 4.40 -1.24	53.10 4.34 -8.22	45.98 4.14 -1.60
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.02 3.01 0.00	45.58 2.74 0.00	43.14 2.48 0.00	42.28 2.39 0.00	42.33 2.36 0.00	43.30 2.37 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.58 2.72 0.00	47.47 3.11 0.00	46.29 3.19 0.00	47.95 3.30 0.00	46.25 3.11 0.00	45.93 2.92 0.00	46.02 2.97 0.00	48.90 3.36 -1.29	53.42 3.64 -2.57	59.58 3.83 -6.59	52.66 3.33 -6.06	51.26 3.24 -4.79	46.46 3.28 -0.09	44.92 2.98 0.00	43.43 2.88 0.00	42.93 2.70 0.00
FORT ORANGE___ 23900	44.51 1.50 0.00	44.16 1.33 0.00	41.80 1.14 0.00	41.00 1.12 0.00	41.09 1.12 0.00	42.07 1.14 0.00	44.34 1.37 0.00	44.82 1.60 0.00	43.16 1.30 0.00	45.60 1.24 0.00	44.30 1.20 0.00	45.98 1.34 0.00	44.30 1.17 0.00	44.04 1.03 0.00	44.13 1.08 0.00	47.10 1.28 -1.57	51.80 1.47 -3.12	58.53 1.37 -8.00	51.83 1.21 -7.36	50.29 1.25 -5.81	44.46 1.25 -0.11	42.99 1.05 0.00	41.64 1.10 0.00	41.52 1.29 0.00
FORT_DRUM_COGEN 23780	42.62 -0.39 0.00	42.36 -0.47 0.00	40.25 -0.41 0.00	39.53 -0.36 0.00	39.61 -0.36 0.00	40.68 -0.25 0.00	42.75 -0.21 0.00	43.09 -0.13 0.00	41.74 -0.13 0.00	44.36 0.00 0.00	43.10 0.00 0.00	44.74 0.09 0.00	43.27 0.13 0.00	43.09 0.09 0.00	43.09 0.04 0.00	44.36 0.04 -0.07	47.63 0.28 -0.13	49.79 0.29 -0.33	43.66 0.09 -0.31	43.51 0.04 -0.24	42.84 -0.26 0.00	41.52 -0.42 0.00	39.98 -0.57 0.00	39.59 -0.64 0.00
FOX_HILLS___ESR 323835	46.41 3.40 -0.01	45.88 3.04 -0.01	43.43 2.76 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.54 2.62 0.00	45.97 3.01 0.00	46.21 2.98 0.00	44.71 2.85 0.00	47.88 3.46 -0.06	122.43 3.66 -75.67	132.70 3.75 -84.30	88.31 3.62 -41.55	75.81 3.48 -29.32	121.19 3.53 -74.61	49.43 3.85 -1.33	139.74 4.15 -88.37	101.41 4.42 -47.83	60.80 3.85 -13.68	51.86 3.85 -4.79	46.94 3.75 -0.09	92.92 3.57 -47.41	44.19 3.53 -0.11	43.54 3.30 -0.01
FPL_FAR_ROCK_GT1 24212	53.83 4.04 -6.78	48.16 3.77 -1.55	44.08 3.42 0.00	43.16 3.27 0.00	43.17 3.20 0.00	44.12 3.19 0.00	49.97 3.91 -3.10	52.81 4.36 -5.22	58.20 4.23 -12.11	63.48 4.44 -14.69	48.52 4.52 -0.90	49.93 4.78 -0.51	49.71 4.57 -2.00	49.39 4.39 -1.99	49.44 4.44 -1.96	50.35 4.82 -1.28	54.81 5.05 -2.54	60.98 5.31 -6.51	53.84 4.58 -5.99	52.49 4.54 -4.73	48.17 4.61 -0.46	47.28 4.23 -1.10	46.67 4.14 -1.99	45.64 3.86 -1.55
FPL_FAR_ROCK_GT2 23815	53.83 4.04 -6.78	48.16 3.77 -1.55	44.08 3.42 0.00	43.16 3.27 0.00	43.17 3.20 0.00	44.12 3.19 0.00	49.97 3.91 -3.10	52.81 4.36 -5.22	58.20 4.23 -12.11	63.48 4.44 -14.69	48.52 4.52 -0.90	49.93 4.78 -0.51	49.71 4.57 -2.00	49.39 4.39 -1.99	49.44 4.44 -1.96	50.35 4.82 -1.28	54.81 5.05 -2.54	60.98 5.31 -6.51	53.84 4.58 -5.99	52.49 4.54 -4.73	48.17 4.61 -0.46	47.28 4.23 -1.10	46.67 4.14 -1.99	45.64 3.86 -1.55

FRANKLIN_FALL_HYD 24054	42.88 -0.13 0.00	43.44 0.60 0.00	41.68 1.02 0.00	41.04 1.16 0.00	41.29 1.32 0.00	41.94 1.02 0.00	43.74 0.77 0.00	43.92 0.69 0.00	42.62 0.75 0.00	45.11 0.75 0.00	43.74 0.65 0.00	45.27 0.63 0.00	43.83 0.69 0.00	43.78 0.77 0.00	43.52 0.47 0.00	44.60 0.35 0.00	47.54 0.33 0.00	49.60 0.44 0.00	43.40 0.13 0.00	43.48 0.26 0.00	43.31 0.22 0.00	42.24 0.29 0.00	40.75 0.20 0.00	40.55 0.32 0.00
FREEPORT_EQUS_GT1 23764	53.57 3.79 -6.78	47.86 3.47 -1.55	43.83 3.17 0.00	42.92 3.03 0.00	42.89 2.92 0.00	43.83 2.91 0.00	49.67 3.61 -3.10	52.56 4.11 -5.22	57.95 3.98 -12.11	63.17 4.13 -14.69	48.18 4.18 -0.90	49.53 4.38 -0.51	49.33 4.18 -2.00	49.04 4.04 -1.99	49.10 4.09 -1.96	49.99 4.47 -1.28	54.47 4.72 -2.54	60.63 4.96 -6.51	53.54 4.28 -5.99	52.19 4.24 -4.73	47.87 4.31 -0.46	46.98 3.94 -1.10	46.45 3.89 -2.02	45.44 3.66 -1.55
FREEPORT__CT2 23818	53.57 3.79 -6.78	47.86 3.47 -1.55	43.83 3.17 0.00	42.92 3.03 0.00	42.89 2.92 0.00	43.83 2.91 0.00	49.67 3.61 -3.10	52.56 4.11 -5.22	57.95 3.98 -12.11	63.17 4.13 -14.69	48.18 4.18 -0.90	49.53 4.38 -0.51	49.33 4.18 -2.00	49.04 4.04 -1.99	49.10 4.09 -1.96	49.99 4.47 -1.28	54.47 4.72 -2.54	60.63 4.96 -6.51	53.54 4.28 -5.99	52.19 4.24 -4.73	47.87 4.31 -0.46	46.98 3.94 -1.10	46.45 3.89 -2.02	45.44 3.66 -1.55
FRESHKLS_33_KV_LOAD 356253	46.37 3.35 -0.01	45.84 3.00 -0.01	43.39 2.72 -0.01	42.53 2.63 -0.01	42.58 2.60 -0.01	43.50 2.58 0.00	45.97 3.01 0.00	46.12 2.90 0.00	44.63 2.76 0.00	47.79 3.37 -0.06	122.30 3.53 -75.67	132.61 3.66 -84.30	88.23 3.54 -41.55	75.73 3.40 -29.32	121.10 3.44 -74.61	49.38 3.81 -1.33	139.69 4.11 -88.37	101.41 4.42 -47.83	60.80 3.85 -13.68	51.82 3.80 -4.79	46.94 3.75 -0.09	92.84 3.48 -47.41	44.11 3.45 -0.11	43.46 3.22 -0.01
FULTON COGEN____ 23766	41.76 -1.25 0.00	41.51 -1.33 0.00	39.36 -1.30 0.00	38.61 -1.28 0.00	38.69 -1.28 0.00	39.65 -1.27 0.00	41.59 -1.37 0.00	41.88 -1.34 0.00	40.57 -1.30 0.00	43.12 -1.24 0.00	42.02 -1.08 0.00	43.62 -1.03 0.00	42.10 -1.04 0.00	41.89 -1.12 0.00	41.93 -1.12 0.00	43.29 -1.06 -0.10	46.33 -1.09 -0.20	48.55 -1.13 -0.52	42.80 -0.95 -0.48	42.57 -1.04 -0.38	41.90 -1.21 -0.01	40.69 -1.26 0.00	39.25 -1.30 0.00	38.99 -1.25 0.00
FULTON__LFGE 323630	49.03 6.02 0.00	48.75 5.91 0.00	46.15 5.49 0.00	45.23 5.35 0.00	45.25 5.28 0.00	46.49 5.56 0.00	49.02 6.06 0.00	49.62 6.40 0.00	48.31 6.44 0.00	51.24 6.88 0.00	49.60 6.51 0.00	51.70 7.05 0.00	49.61 6.47 0.00	49.37 6.36 0.00	49.38 6.33 0.00	52.67 6.64 -1.79	58.37 7.60 -3.55	66.09 7.82 -9.12	58.36 6.71 -8.39	56.55 6.70 -6.63	49.77 6.55 -0.13	48.07 6.12 0.00	46.30 5.76 0.00	45.74 5.51 0.00
G.F.CEMENT__DRP 24184	45.54 2.54 0.00	45.19 2.36 0.00	42.90 2.24 0.00	42.04 2.15 0.00	42.17 2.20 0.00	43.09 2.17 0.00	45.37 2.41 0.00	45.56 2.33 0.00	44.21 2.34 0.00	47.16 2.79 0.00	45.85 2.76 0.00	47.73 3.08 0.00	45.90 2.76 0.00	45.54 2.54 0.00	45.55 2.50 0.00	48.57 2.70 -1.63	53.47 3.02 -3.23	60.60 3.15 -8.29	53.58 2.68 -7.63	51.93 2.68 -6.03	45.84 2.63 -0.12	44.21 2.26 0.00	42.78 2.23 0.00	42.28 2.05 0.00
GARDENVILLE__LBMP 24039	40.77 -2.24 0.00	40.44 -2.40 0.00	38.59 -2.07 0.00	37.81 -2.07 0.00	37.81 -2.16 0.00	38.88 -2.05 0.00	40.34 -2.62 0.00	40.16 -3.07 0.00	38.56 -3.31 0.00	40.63 -3.73 0.00	39.73 -3.36 0.00	41.52 -3.13 0.00	40.16 -2.98 0.00	39.87 -3.14 0.00	39.91 -3.14 0.00	40.69 -3.76 -0.21	44.60 -3.02 -0.41	46.03 -4.18 -1.05	40.94 -3.29 -0.96	40.44 -3.54 -0.76	39.88 -3.23 -0.01	38.76 -3.19 0.00	37.14 -3.41 0.00	37.74 -2.49 0.00
GARDNVLA_35_KV_LD 355827	41.03 -1.98 0.00	40.69 -2.14 0.00	38.83 -1.83 0.00	38.05 -1.83 0.00	38.05 -1.92 0.00	39.12 -1.80 0.00	40.60 -2.36 0.00	40.41 -2.81 0.00	38.81 -3.06 0.00	40.90 -3.46 0.00	40.04 -3.06 0.00	41.83 -2.81 0.00	40.42 -2.72 0.00	40.13 -2.88 0.00	40.21 -2.84 0.00	40.87 -3.58 -0.21	44.88 -2.74 -0.41	46.22 -3.98 -1.05	41.16 -3.07 -0.96	40.61 -3.37 -0.76	40.18 -2.93 -0.01	39.05 -2.89 0.00	37.38 -3.16 0.00	37.98 -2.25 0.00
GELCKHM__115KV_LOAD 80723	42.06 -0.95 0.00	41.81 -1.03 0.00	39.68 -0.98 0.00	38.89 -1.00 0.00	38.97 -1.00 0.00	39.94 -0.98 0.00	41.93 -1.03 0.00	42.19 -1.04 0.00	40.82 -1.05 0.00	43.34 -1.02 0.00	42.23 -0.86 0.00	43.84 -0.80 0.00	42.32 -0.82 0.00	42.15 -0.86 0.00	42.19 -0.86 0.00	43.57 -0.80 -0.12	46.64 -0.80 -0.23	48.92 -0.84 -0.60	43.12 -0.69 -0.55	42.88 -0.78 -0.43	42.20 -0.91 -0.01	40.94 -1.01 0.00	39.53 -1.01 0.00	39.27 -0.97 0.00
GENERAL__MILLS 23808	40.94 -2.06 0.00	40.61 -2.23 0.00	38.75 -1.91 0.00	37.97 -1.91 0.00	37.97 -2.00 0.00	39.04 -1.88 0.00	40.51 -2.45 0.00	40.33 -2.90 0.00	38.72 -3.14 0.00	40.81 -3.55 0.00	39.95 -3.15 0.00	41.74 -2.90 0.00	40.33 -2.80 0.00	40.04 -2.97 0.00	40.12 -2.93 0.00	40.78 -3.67 -0.21	44.79 -2.83 -0.41	46.12 -4.08 -1.05	41.03 -3.20 -0.96	40.53 -3.46 -0.76	40.05 -3.06 -0.01	38.97 -2.98 0.00	37.30 -3.24 0.00	37.90 -2.33 0.00
GE_PLASTICS__DRP 24183	44.51 1.51 0.00	44.16 1.33 0.00	41.84 1.18 0.00	41.04 1.16 0.00	41.13 1.16 0.00	42.11 1.19 0.00	44.30 1.33 0.00	44.61 1.38 0.00	42.99 1.13 0.00	45.65 1.29 0.00	44.43 1.34 0.00	46.08 1.43 0.00	44.48 1.34 0.00	44.21 1.20 0.00	44.30 1.25 0.00	47.23 1.42 -1.57	51.89 1.56 -3.12	58.73 1.57 -8.00	52.01 1.38 -7.36	50.42 1.38 -5.81	44.59 1.38 -0.11	43.12 1.17 0.00	41.76 1.22 0.00	41.40 1.17 0.00
GILBOA__1 23756	44.42 1.42 0.00	44.12 1.28 0.00	41.80 1.14 0.00	41.00 1.12 0.00	41.09 1.12 0.00	42.03 1.11 0.00	44.34 1.37 0.00	44.82 1.60 0.00	43.41 1.55 0.00	45.87 1.51 0.00	44.60 1.51 0.00	46.30 1.65 0.00	44.65 1.51 0.00	44.42 1.42 0.00	44.51 1.46 0.00	47.13 1.64 -1.24	51.48 1.79 -2.47	57.22 1.72 -6.35	50.71 1.60 -5.84	49.44 1.60 -4.61	44.73 1.55 -0.09	43.33 1.38 0.00	41.93 1.38 0.00	41.52 1.29 0.00
GILBOA__2 23757	44.42 1.42 0.00	44.12 1.28 0.00	41.80 1.14 0.00	41.00 1.12 0.00	41.09 1.12 0.00	42.03 1.11 0.00	44.34 1.37 0.00	44.82 1.60 0.00	43.41 1.55 0.00	45.87 1.51 0.00	44.60 1.51 0.00	46.30 1.65 0.00	44.65 1.51 0.00	44.42 1.42 0.00	44.51 1.46 0.00	47.13 1.64 -1.24	51.48 1.79 -2.47	57.22 1.72 -6.35	50.71 1.60 -5.84	49.44 1.60 -4.61	44.73 1.55 -0.09	43.33 1.38 0.00	41.93 1.38 0.00	41.52 1.29 0.00
GILBOA__3 23758	44.42 1.42 0.00	44.12 1.28 0.00	41.80 1.14 0.00	41.00 1.12 0.00	41.09 1.12 0.00	42.03 1.11 0.00	44.34 1.37 0.00	44.82 1.60 0.00	43.41 1.55 0.00	45.87 1.51 0.00	44.60 1.51 0.00	46.30 1.65 0.00	44.65 1.51 0.00	44.42 1.42 0.00	44.51 1.46 0.00	47.13 1.64 -1.24	51.48 1.79 -2.47	57.22 1.72 -6.35	50.71 1.60 -5.84	49.44 1.60 -4.61	44.73 1.55 -0.09	43.33 1.38 0.00	41.93 1.38 0.00	41.52 1.29 0.00

GILBOA___4 23759	44.42 1.42 0.00	44.12 1.28 0.00	41.80 1.14 0.00	41.00 1.12 0.00	41.09 1.12 0.00	42.03 1.11 0.00	44.34 1.37 0.00	44.82 1.60 0.00	43.41 1.55 0.00	45.87 1.51 0.00	44.60 1.51 0.00	46.30 1.65 0.00	44.65 1.51 0.00	44.42 1.42 0.00	44.51 1.46 0.00	47.13 1.64 -1.24	51.48 1.79 -2.47	57.22 1.72 -6.35	50.71 1.60 -5.84	49.44 1.60 -4.61	44.73 1.55 -0.09	43.33 1.38 0.00	41.93 1.38 0.00	41.52 1.29 0.00
GILBOA____ 23599	44.43 1.42 0.00	44.12 1.29 0.00	41.80 1.14 0.00	41.00 1.12 0.00	41.09 1.12 0.00	42.03 1.10 0.00	44.30 1.33 0.00	44.61 1.38 0.00	43.12 1.26 0.00	45.82 1.46 0.00	44.60 1.51 0.00	46.25 1.61 0.00	44.65 1.51 0.00	44.43 1.42 0.00	44.47 1.42 0.00	47.08 1.59 -1.24	51.48 1.79 -2.47	57.22 1.72 -6.35	50.71 1.60 -5.84	49.39 1.56 -4.61	44.74 1.55 -0.09	43.33 1.38 0.00	41.93 1.38 0.00	41.52 1.29 0.00
GINNA____ 23603	39.31 -3.70 0.00	39.02 -3.81 0.00	37.12 -3.54 0.00	36.38 -3.51 0.00	36.42 -3.56 0.00	37.44 -3.48 0.00	39.27 -3.70 0.00	39.72 -3.50 0.00	38.56 -3.31 0.00	40.32 -4.04 0.00	39.35 -3.75 0.00	40.85 -3.80 0.00	39.52 -3.62 0.00	39.31 -3.70 0.00	39.43 -3.62 0.00	41.03 -3.36 -0.15	43.78 -3.73 -0.30	46.23 -3.69 -0.76	40.94 -3.03 -0.70	40.71 -3.07 -0.55	39.53 -3.58 -0.01	38.09 -3.86 0.00	36.61 -3.93 0.00	36.61 -3.62 0.00
GLEN PARK____ 23778	42.75 -0.26 0.00	42.49 -0.34 0.00	40.38 -0.28 0.00	39.65 -0.24 0.00	39.73 -0.24 0.00	40.80 -0.12 0.00	42.92 -0.04 0.00	43.31 0.09 0.00	41.99 0.13 0.00	44.49 0.13 0.00	43.27 0.17 0.00	44.92 0.27 0.00	43.44 0.30 0.00	43.31 0.30 0.00	43.31 0.26 0.00	44.58 0.27 -0.07	47.87 0.52 -0.13	50.05 0.54 -0.35	43.89 0.31 -0.32	43.78 0.30 -0.25	43.02 -0.09 0.00	41.69 -0.25 0.00	40.10 -0.45 0.00	39.71 -0.52 0.00
GLENDALE_27_KV_LOAD 356172	46.41 3.40 -0.01	45.93 3.08 -0.01	43.47 2.81 -0.01	42.61 2.71 -0.01	42.66 2.68 -0.01	43.58 2.66 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.88 3.01 0.00	48.00 3.64 0.00	46.93 3.84 0.00	48.62 3.97 0.00	46.98 3.84 0.00	46.66 3.66 0.00	46.75 3.70 0.00	49.59 4.07 -1.28	54.10 4.34 -2.54	60.30 4.62 -6.52	53.24 3.98 -5.99	51.93 3.98 -4.73	47.11 3.92 -0.09	45.60 3.65 -0.01	44.20 3.65 -0.01	43.62 3.38 -0.01
GLENWOOD_IC_1_G5 23712	53.53 3.74 -6.78	47.82 3.43 -1.55	43.75 3.09 0.00	42.88 2.99 0.00	42.89 2.92 0.00	43.79 2.86 0.00	49.59 3.52 -3.10	52.12 3.67 -5.22	57.49 3.52 -12.11	63.04 3.99 -14.69	48.18 4.18 -0.90	49.53 4.38 -0.51	49.33 4.18 -2.00	49.04 4.04 -1.99	49.05 4.05 -1.96	49.95 4.42 -1.28	54.42 4.67 -2.54	60.19 4.52 -6.51	53.50 4.24 -5.99	52.15 4.19 -4.73	47.82 4.27 -0.46	46.94 3.90 -1.10	46.41 3.85 -2.01	45.36 3.58 -1.55
GLENWOOD_IC_2_G1 23688	53.40 3.61 -6.78	47.69 3.30 -1.55	43.67 3.01 0.00	42.76 2.87 0.00	42.77 2.80 0.00	43.66 2.74 0.00	49.50 3.44 -3.10	52.34 3.89 -5.22	57.78 3.81 -12.11	63.04 3.99 -14.69	48.01 4.01 -0.90	49.40 4.24 -0.51	49.16 4.01 -2.00	48.87 3.87 -1.99	48.92 3.92 -1.96	49.81 4.29 -1.28	54.24 4.49 -2.54	60.34 4.67 -6.51	53.37 4.11 -5.99	52.02 4.06 -4.73	47.70 4.14 -0.46	46.82 3.78 -1.10	46.26 3.73 -1.99	45.28 3.50 -1.55
GLENWOOD_IC_3_G1 23689	53.40 3.61 -6.78	47.69 3.30 -1.55	43.67 3.01 0.00	42.76 2.87 0.00	42.77 2.80 0.00	43.66 2.74 0.00	49.50 3.44 -3.10	52.34 3.89 -5.22	57.78 3.81 -12.11	63.04 3.99 -14.69	48.01 4.01 -0.90	49.40 4.24 -0.51	49.16 4.01 -2.00	48.87 3.87 -1.99	48.92 3.92 -1.96	49.81 4.29 -1.28	54.24 4.49 -2.54	60.34 4.67 -6.51	53.37 4.11 -5.99	52.02 4.06 -4.73	47.70 4.14 -0.46	46.82 3.78 -1.10	46.26 3.73 -1.99	45.28 3.50 -1.55
GLENWOOD___4 23550	53.53 3.74 -6.78	47.82 3.43 -1.55	43.75 3.09 0.00	42.88 2.99 0.00	42.89 2.92 0.00	43.79 2.86 0.00	49.59 3.52 -3.10	52.12 3.67 -5.22	57.49 3.52 -12.11	63.04 3.99 -14.69	48.18 4.18 -0.90	49.53 4.38 -0.51	49.33 4.18 -2.00	49.04 4.04 -1.99	49.05 4.05 -1.96	49.95 4.42 -1.28	54.42 4.67 -2.54	60.34 4.67 -6.51	53.50 4.24 -5.99	52.15 4.19 -4.73	47.82 4.27 -0.46	46.94 3.90 -1.10	46.41 3.85 -2.01	45.36 3.58 -1.55
GLENWOOD___5 23614	53.53 3.74 -6.78	47.82 3.43 -1.55	43.75 3.09 0.00	42.88 2.99 0.00	42.89 2.92 0.00	43.79 2.86 0.00	49.59 3.52 -3.10	52.12 3.67 -5.22	57.49 3.52 -12.11	63.04 3.99 -14.69	48.18 4.18 -0.90	49.53 4.38 -0.51	49.33 4.18 -2.00	49.04 4.04 -1.99	49.05 4.05 -1.96	49.95 4.42 -1.28	54.42 4.67 -2.54	60.34 4.67 -6.51	53.50 4.24 -5.99	52.15 4.19 -4.73	47.82 4.27 -0.46	46.94 3.90 -1.10	46.41 3.85 -2.01	45.36 3.58 -1.55
GLOBAL GREEN_PORT_GT1 23814	55.42 5.63 -6.78	49.70 5.31 -1.55	45.54 4.88 0.00	44.71 4.82 0.00	44.65 4.67 0.00	45.42 4.50 0.00	51.61 5.54 -3.10	54.50 6.05 -5.22	59.87 5.90 -12.11	65.17 6.12 -14.69	50.29 6.29 -0.90	56.96 6.47 -5.85	51.69 6.04 -2.51	51.10 5.98 -2.11	53.96 5.94 -4.96	54.22 6.41 -3.56	67.25 6.84 -13.20	80.68 7.33 -24.19	58.28 6.32 -8.70	54.21 6.14 -4.85	49.89 6.29 -0.50	49.04 5.87 -1.22	53.41 5.68 -7.19	47.34 5.51 -1.59
GLOBE___DSASP 323697	38.75 -4.26 0.00	38.38 -4.45 0.00	36.68 -3.98 0.00	35.94 -3.95 0.00	35.94 -4.04 0.00	36.95 -3.97 0.00	38.24 -4.73 0.00	37.99 -5.23 0.00	36.46 -5.40 0.00	38.46 -5.90 0.00	37.62 -5.47 0.00	39.33 -5.31 0.00	38.05 -5.09 0.00	37.80 -5.20 0.00	37.80 -5.25 0.00	39.26 -5.18 -0.19	42.16 -5.43 -0.38	44.32 -5.80 -0.97	39.48 -4.67 -0.89	38.96 -4.97 -0.70	37.72 -5.39 -0.01	36.66 -5.28 0.00	35.15 -5.39 0.00	35.85 -4.39 0.00
GOETHSLN___LBMP 323567	45.76 2.75 0.00	45.28 2.44 0.00	42.90 2.24 0.00	42.04 2.15 0.00	42.05 2.08 0.00	43.01 2.09 0.00	45.50 2.53 0.00	45.86 2.64 0.00	44.46 2.60 0.00	47.38 3.02 0.00	46.29 3.19 0.00	47.95 3.30 0.00	46.33 3.19 0.00	46.06 3.05 0.00	46.11 3.06 0.00	49.02 3.50 -1.28	53.34 3.59 -2.54	59.50 3.83 -6.51	52.55 3.29 -5.99	51.33 3.37 -4.73	46.55 3.36 -0.09	44.96 3.02 0.00	43.59 3.04 0.00	43.01 2.78 0.00
GOLAH___69_KV_TB 1_2 80279	40.90 -2.11 0.00	40.57 -2.27 0.00	38.71 -1.95 0.00	37.89 -1.99 0.00	37.93 -2.04 0.00	39.12 -1.80 0.00	40.73 -2.23 0.00	40.72 -2.51 0.00	39.35 -2.51 0.00	41.74 -2.62 0.00	40.77 -2.33 0.00	42.55 -2.10 0.00	41.03 -2.11 0.00	40.77 -2.24 0.00	40.77 -2.28 0.00	42.46 -1.95 -0.16	45.35 -2.17 -0.31	47.79 -2.16 -0.79	42.48 -1.51 -0.73	41.99 -1.82 -0.58	40.65 -2.46 -0.01	39.39 -2.56 0.00	37.79 -2.76 0.00	38.10 -2.13 0.00
GOODYEAR_LAKE_HYD 323669	45.24 2.24 0.00	44.93 2.10 0.00	42.61 1.95 0.00	41.80 1.91 0.00	41.85 1.88 0.00	42.93 2.01 0.00	45.24 2.28 0.00	45.60 2.38 0.00	44.17 2.30 0.00	47.02 2.66 0.00	45.77 2.67 0.00	47.55 2.90 0.00	45.81 2.67 0.00	45.54 2.54 0.00	45.55 2.50 0.00	47.22 2.57 -0.41	51.00 2.97 -0.81	54.18 2.95 -2.07	47.77 2.60 -1.90	47.24 2.51 -1.50	45.50 2.37 -0.03	44.12 2.18 0.00	42.57 2.03 0.00	42.20 1.97 0.00

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	43.09 0.09 0.00	42.79 -0.04 0.00	40.62 -0.04 0.00	39.85 -0.04 0.00	39.89 -0.08 0.00	40.92 0.00 0.00	42.96 0.00 0.00	43.14 -0.09 0.00	41.65 -0.21 0.00	44.14 -0.22 0.00	43.05 -0.04 0.00	44.74 0.09 0.00	43.18 0.04 0.00	42.96 -0.04 0.00	43.01 -0.04 0.00	44.40 -0.27 -0.41	48.27 0.24 -0.82	51.12 -0.15 -2.11	45.12 -0.09 -1.94	44.54 -0.22 -1.54	43.08 -0.04 -0.03	41.82 -0.13 0.00	40.26 -0.28 0.00	40.15 -0.08 0.00
GOUDEY___7 23579	43.14 0.13 0.00	42.84 0.00 0.00	40.66 0.00 0.00	39.89 0.00 0.00	39.93 -0.04 0.00	40.96 0.04 0.00	43.01 0.04 0.00	43.18 -0.04 0.00	41.70 -0.17 0.00	44.18 -0.18 0.00	43.10 0.00 0.00	44.78 0.13 0.00	43.23 0.09 0.00	43.01 0.00 0.00	43.05 0.00 0.00	44.44 -0.22 -0.41	48.32 0.28 -0.82	51.17 -0.10 -2.11	45.17 -0.04 -1.94	44.59 -0.17 -1.54	43.13 0.00 -0.03	41.86 -0.08 0.00	40.30 -0.24 0.00	40.19 -0.04 0.00
GOUDEY___8 23580	43.09 0.09 0.00	42.79 -0.04 0.00	40.62 -0.04 0.00	39.85 -0.04 0.00	39.89 -0.08 0.00	40.92 0.00 0.00	42.96 0.00 0.00	43.14 -0.09 0.00	41.65 -0.21 0.00	44.14 -0.22 0.00	43.05 -0.04 0.00	44.74 0.09 0.00	43.18 0.04 0.00	42.96 -0.04 0.00	43.01 -0.04 0.00	44.40 -0.27 -0.41	48.27 0.24 -0.82	51.12 -0.15 -2.11	45.12 -0.09 -1.94	44.54 -0.22 -1.54	43.08 -0.04 -0.03	41.82 -0.13 0.00	40.26 -0.28 0.00	40.15 -0.08 0.00
GOWANUS_GT1_1 24077	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT1_2 24078	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT1_3 24079	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT1_4 24080	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT1_5 24084	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT1_6 24111	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT1_7 24112	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT1_8 24113	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT2_1 24114	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT2_2 24115	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT2_3 24116	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT2_4 24117	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01

GOWANUS_GT2_5 24118	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT2_6 24119	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT2_7 24120	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT2_8 24121	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT3_1 24122	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT3_2 24123	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT3_3 24124	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01

GOWANUS_GT4_4 24133	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT4_5 24134	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT4_6 24135	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT4_7 24136	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GOWANUS_GT4_8 24137	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GREENBSH_115KV_TB3 55895	44.47 1.46 0.00	44.12 1.29 0.00	41.80 1.14 0.00	40.96 1.08 0.00	41.09 1.12 0.00	42.07 1.15 0.00	44.25 1.29 0.00	44.56 1.34 0.00	42.87 1.00 0.00	45.51 1.15 0.00	44.26 1.16 0.00	45.94 1.29 0.00	44.30 1.16 0.00	44.08 1.08 0.00	44.13 1.08 0.00	47.11 1.28 -1.58	51.76 1.42 -3.13	58.62 1.43 -8.03	51.92 1.25 -7.39	50.28 1.21 -5.84	44.46 1.25 -0.11	42.99 1.05 0.00	41.64 1.09 0.00	41.28 1.05 0.00
GREENDGE_115KV_TB5 80291	42.40 -0.60 0.00	42.06 -0.77 0.00	40.21 -0.45 0.00	39.45 -0.44 0.00	39.49 -0.48 0.00	40.51 -0.41 0.00	42.23 -0.73 0.00	42.32 -0.91 0.00	40.86 -1.00 0.00	43.25 -1.11 0.00	42.23 -0.86 0.00	43.98 -0.67 0.00	42.45 -0.69 0.00	42.15 -0.86 0.00	42.27 -0.77 0.00	43.57 -0.93 -0.25	47.29 -0.42 -0.50	49.62 -0.84 -1.30	43.90 -0.56 -1.19	43.47 -0.69 -0.94	42.38 -0.73 -0.02	41.06 -0.88 0.00	39.74 -0.81 0.00	39.47 -0.76 0.00
GREENIDGE___3 23582	42.40 -0.60 0.00	42.06 -0.77 0.00	40.21 -0.45 0.00	39.45 -0.44 0.00	39.49 -0.48 0.00	40.51 -0.41 0.00	42.23 -0.73 0.00	42.32 -0.91 0.00	40.86 -1.00 0.00	43.25 -1.11 0.00	42.23 -0.86 0.00	43.98 -0.67 0.00	42.45 -0.69 0.00	42.15 -0.86 0.00	42.27 -0.77 0.00	43.57 -0.93 -0.25	47.29 -0.42 -0.50	49.62 -0.84 -1.30	43.90 -0.56 -1.19	43.47 -0.69 -0.94	42.38 -0.73 -0.02	41.06 -0.88 0.00	39.74 -0.81 0.00	39.47 -0.76 0.00
GREENIDGE___4 23583	42.40 -0.60 0.00	42.07 -0.77 0.00	40.21 -0.45 0.00	39.45 -0.44 0.00	39.49 -0.48 0.00	40.51 -0.41 0.00	42.36 -0.60 0.00	42.79 -0.43 0.00	41.74 -0.13 0.00	43.30 -1.07 0.00	42.23 -0.86 0.00	43.89 -0.76 0.00	42.45 -0.69 0.00	42.15 -0.86 0.00	42.32 -0.73 0.00	43.57 -0.93 -0.25	47.25 -0.47 -0.50	49.62 -0.84 -1.30	43.90 -0.56 -1.19	43.56 -0.61 -0.94	42.34 -0.77 -0.02	41.06 -0.88 0.00	39.74 -0.81 0.00	39.47 -0.77 0.00
GREENLWN_69_KV_BK 3 55738	53.66 3.87 -6.78	47.94 3.56 -1.55	43.91 3.25 0.00	43.04 3.15 0.00	43.01 3.04 0.00	43.87 2.95 0.00	49.71 3.65 -3.10	52.25 3.80 -5.22	57.61 3.64 -12.11	63.17 4.13 -14.69	48.01 4.01 -0.90	48.88 4.42 0.18	49.31 4.23 -1.94	48.85 3.87 -1.97	48.75 4.13 -1.57	49.70 4.47 -0.98	53.14 4.77 -1.16	58.39 5.01 -4.22	53.23 4.33 -5.64	52.18 4.24 -4.71	47.78 4.22 -0.46	47.22 4.19 -1.08	46.21 4.14 -1.53	45.56 3.78 -1.54
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
GRISSOM___SOLAR 323813	49.03 6.02 0.00	48.75 5.91 0.00	46.15 5.49 0.00	45.23 5.35 0.00	45.25 5.28 0.00	46.49 5.56 0.00	49.02 6.06 0.00	49.62 6.40 0.00	48.31 6.44 0.00	51.24 6.88 0.00	49.60 6.51 0.00	51.70 7.05 0.00	49.61 6.47 0.00	49.37 6.36 0.00	49.38 6.33 0.00	52.67 6.64 -1.79	58.37 7.60 -3.55	66.09 7.82 -9.12	58.36 6.71 -8.39	56.55 6.70 -6.63	49.77 6.55 -0.13	48.07 6.12 0.00	46.30 5.76 0.00	45.74 5.51 0.00
GROVEVILLE___HYD 323602	46.02 3.01 0.00	45.58 2.74 0.00	43.14 2.48 0.00	42.28 2.39 0.00	42.33 2.36 0.00	43.30 2.37 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.58 2.72 0.00	47.47 3.11 0.00	46.29 3.19 0.00	47.95 3.30 0.00	46.25 3.11 0.00	45.93 2.92 0.00	46.02 2.97 0.00	48.90 3.36 -1.29	53.42 3.64 -2.57	59.58 3.83 -6.59	52.66 3.33 -6.06	51.26 3.24 -4.79	46.46 3.28 -0.09	44.92 2.98 0.00	43.43 2.88 0.00	42.93 2.70 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.36 -0.65 0.00	42.11 -0.73 0.00	39.97 -0.69 0.00	39.17 -0.72 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.23 -0.73 0.00	42.49 -0.73 0.00	41.15 -0.71 0.00	43.70 -0.67 0.00	42.58 -0.52 0.00	44.24 -0.40 0.00	42.66 -0.47 0.00	42.49 -0.52 0.00	42.49 -0.56 0.00	43.89 -0.49 -0.13	47.05 -0.42 -0.26	49.33 -0.49 -0.67	43.53 -0.35 -0.61	43.28 -0.43 -0.48	42.50 -0.60 -0.01	41.27 -0.67 0.00	39.82 -0.73 0.00	39.55 -0.68 0.00
HAMLTNNY_34_KV_TB 80303	42.40 -0.60 0.00	42.11 -0.73 0.00	39.97 -0.69 0.00	39.21 -0.68 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.23 -0.73 0.00	42.49 -0.73 0.00	41.11 -0.75 0.00	43.70 -0.67 0.00	42.58 -0.52 0.00	44.24 -0.40 0.00	42.66 -0.47 0.00	42.45 -0.56 0.00	42.49 -0.56 0.00	43.94 -0.44 -0.14	47.11 -0.38 -0.28	49.42 -0.44 -0.71	43.62 -0.30 -0.65	43.31 -0.43 -0.51	42.50 -0.60 -0.01	41.23 -0.71 0.00	39.78 -0.77 0.00	39.55 -0.68 0.00

HAMPSHIRE___PAPER_HYD 323593	41.89 -1.12 0.00	41.89 -0.94 0.00	39.89 -0.77 0.00	39.13 -0.76 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.10 -0.86 0.00	42.23 -0.99 0.00	40.98 -0.88 0.00	43.65 -0.71 0.00	42.36 -0.73 0.00	43.84 -0.80 0.00	42.41 -0.73 0.00	42.32 -0.69 0.00	42.28 -0.77 0.00	43.44 -0.84 -0.03	46.38 -0.90 -0.07	48.45 -0.88 -0.18	42.48 -0.95 -0.16	42.44 -0.91 -0.13	42.06 -1.03 0.00	40.98 -0.96 0.00	39.53 -1.01 0.00	39.19 -1.05 0.00
HARDSCRABBLE_WT_PWR 323673	43.14 0.13 0.00	42.96 0.13 0.00	40.86 0.20 0.00	40.13 0.24 0.00	40.25 0.28 0.00	41.25 0.33 0.00	43.39 0.43 0.00	43.75 0.52 0.00	42.28 0.42 0.00	44.63 0.27 0.00	43.27 0.17 0.00	44.78 0.13 0.00	43.05 -0.09 0.00	42.79 -0.21 0.00	42.70 -0.35 0.00	43.85 -0.40 0.00	46.70 -0.52 0.00	48.47 -0.69 0.00	42.62 -0.65 0.00	42.58 -0.65 0.00	42.32 -0.77 0.00	41.11 -0.84 0.00	39.74 -0.81 0.00	39.39 -0.85 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.54 2.54 0.00	45.15 2.31 0.00	42.73 2.07 0.00	41.88 1.99 0.00	41.93 1.96 0.00	42.89 1.96 0.00	45.28 2.32 0.00	45.65 2.42 0.00	44.12 2.26 0.00	46.98 2.62 0.00	45.81 2.72 0.00	47.46 2.81 0.00	45.81 2.67 0.00	45.50 2.49 0.00	45.59 2.54 0.00	48.37 2.92 -1.20	52.77 3.16 -2.39	58.69 3.39 -6.14	51.86 2.94 -5.65	50.54 2.85 -4.46	46.07 2.89 -0.09	44.54 2.60 0.00	43.14 2.59 0.00	42.61 2.37 0.00
HARSNRAD_115KV_TB1 81005	39.82 -3.18 0.00	39.45 -3.38 0.00	37.69 -2.97 0.00	36.89 -2.99 0.00	36.93 -3.04 0.00	37.98 -2.95 0.00	39.35 -3.61 0.00	39.12 -4.11 0.00	37.55 -4.31 0.00	39.61 -4.75 0.00	38.74 -4.35 0.00	40.54 -4.11 0.00	39.17 -3.97 0.00	38.88 -4.13 0.00	38.96 -4.09 0.00	40.23 -4.20 -0.19	43.48 -4.11 -0.37	45.39 -4.72 -0.95	40.47 -3.68 -0.88	39.94 -3.98 -0.69	38.89 -4.22 -0.01	37.75 -4.19 0.00	36.17 -4.38 0.00	36.85 -3.38 0.00
HARZA MOOSE___RIVER 24016	43.57 0.56 0.00	43.31 0.47 0.00	41.15 0.49 0.00	40.36 0.48 0.00	40.45 0.48 0.00	41.54 0.61 0.00	43.65 0.69 0.00	44.00 0.78 0.00	42.66 0.80 0.00	45.29 0.93 0.00	44.00 0.91 0.00	45.67 1.03 0.00	44.04 0.91 0.00	43.87 0.86 0.00	43.91 0.86 0.00	45.18 0.88 -0.04	48.34 1.04 -0.09	50.42 1.03 -0.23	44.26 0.78 -0.21	44.17 0.78 -0.17	43.62 0.52 0.00	42.36 0.42 0.00	40.83 0.28 0.00	40.47 0.24 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.06 -0.95 0.00	41.76 -1.07 0.00	39.64 -1.02 0.00	38.89 -1.00 0.00	38.93 -1.04 0.00	39.90 -1.02 0.00	41.89 -1.07 0.00	42.14 -1.08 0.00	40.82 -1.05 0.00	43.34 -1.02 0.00	42.23 -0.86 0.00	43.84 -0.80 0.00	42.32 -0.82 0.00	42.10 -0.90 0.00	42.15 -0.90 0.00	43.52 -0.84 -0.12	46.65 -0.80 -0.24	48.88 -0.88 -0.60	43.13 -0.69 -0.56	42.89 -0.78 -0.44	42.16 -0.95 -0.01	40.94 -1.01 0.00	39.49 -1.05 0.00	39.23 -1.01 0.00
HELLGATE_13_KV_LD 55870	46.28 3.27 -0.01	45.80 2.96 -0.01	43.39 2.72 -0.01	42.53 2.63 -0.01	42.54 2.56 -0.01	43.50 2.58 0.00	45.89 2.92 0.00	46.16 2.94 0.00	44.71 2.85 0.00	47.78 3.42 0.00	46.72 3.62 0.00	48.40 3.75 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.94 3.75 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.50 3.26 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.28 3.27 -0.01	45.80 2.96 -0.01	43.39 2.72 -0.01	42.53 2.63 -0.01	42.54 2.56 -0.01	43.50 2.58 0.00	45.89 2.92 0.00	46.16 2.94 0.00	44.71 2.85 0.00	47.78 3.42 0.00	46.72 3.62 0.00	48.40 3.75 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.94 3.75 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.50 3.26 -0.01
HEMPSTEAD____ 23647	53.32 3.53 -6.78	47.60 3.21 -1.55	43.59 2.93 0.00	42.68 2.79 0.00	42.69 2.72 0.00	43.58 2.66 0.00	49.46 3.39 -3.10	52.29 3.85 -5.22	57.69 3.72 -12.11	62.95 3.90 -14.69	47.92 3.92 -0.90	49.31 4.15 -0.51	49.11 3.97 -2.00	48.78 3.79 -1.99	48.84 3.83 -1.96	49.77 4.25 -1.28	54.19 4.44 -2.54	60.24 4.57 -6.51	53.28 4.02 -5.99	51.93 3.97 -4.73	47.61 4.05 -0.46	46.77 3.73 -1.10	46.21 3.65 -2.01	45.20 3.42 -1.55
HEWLETT__69_KV_BK3 55828	53.62 3.83 -6.78	47.94 3.56 -1.55	43.87 3.21 0.00	43.00 3.11 0.00	42.97 3.00 0.00	43.91 2.99 0.00	49.71 3.65 -3.10	52.21 3.76 -5.22	57.57 3.60 -12.11	63.13 4.08 -14.69	48.27 4.27 -0.90	49.62 4.46 -0.51	49.46 4.31 -2.00	49.13 4.13 -1.99	49.14 4.13 -1.96	50.04 4.51 -1.28	54.52 4.77 -2.54	60.68 5.01 -6.51	53.58 4.33 -5.99	52.23 4.28 -4.73	47.95 4.40 -0.46	47.07 4.03 -1.10	46.47 3.93 -1.99	45.44 3.66 -1.55
HICKLING___1 23621	42.83 -0.17 0.00	42.49 -0.34 0.00	40.46 -0.20 0.00	39.65 -0.24 0.00	39.69 -0.28 0.00	40.76 -0.16 0.00	42.62 -0.34 0.00	42.66 -0.56 0.00	41.07 -0.80 0.00	43.47 -0.89 0.00	42.45 -0.65 0.00	44.20 -0.45 0.00	42.66 -0.47 0.00	42.36 -0.65 0.00	42.53 -0.52 0.00	43.51 -1.06 -0.33	47.67 -0.19 -0.65	49.89 -0.93 -1.66	44.11 -0.69 -1.53	43.48 -0.95 -1.21	42.56 -0.56 -0.02	41.31 -0.63 0.00	39.74 -0.81 0.00	39.83 -0.40 0.00
HICKLING___2 23622	42.83 -0.17 0.00	42.49 -0.34 0.00	40.46 -0.20 0.00	39.65 -0.24 0.00	39.69 -0.28 0.00	40.76 -0.16 0.00	42.62 -0.34 0.00	42.66 -0.56 0.00	41.07 -0.80 0.00	43.47 -0.89 0.00	42.45 -0.65 0.00	44.20 -0.45 0.00	42.66 -0.47 0.00	42.36 -0.65 0.00	42.53 -0.52 0.00	43.51 -1.06 -0.33	47.67 -0.19 -0.65	49.89 -0.93 -1.66	44.11 -0.69 -1.53	43.48 -0.95 -1.21	42.56 -0.56 -0.02	41.31 -0.63 0.00	39.74 -0.81 0.00	39.83 -0.40 0.00
HIGH FALLS___HY 23754	45.93 2.92 0.00	45.49 2.66 0.00	43.02 2.36 0.00	42.20 2.31 0.00	42.21 2.24 0.00	43.21 2.29 0.00	45.63 2.66 0.00	45.95 2.72 0.00	44.50 2.64 0.00	47.38 3.02 0.00	46.11 3.02 0.00	47.73 3.08 0.00	46.03 2.89 0.00	45.72 2.71 0.00	45.80 2.76 0.00	48.75 3.23 -1.28	53.34 3.59 -2.54	59.60 3.93 -6.51	52.68 3.42 -5.99	51.20 3.24 -4.74	46.46 3.28 -0.09	44.92 2.98 0.00	43.43 2.88 0.00	42.85 2.62 0.00
HILLBURN___GT 23639	45.50 2.49 0.00	45.06 2.23 0.00	42.65 1.99 0.00	41.80 1.91 0.00	41.85 1.88 0.00	42.81 1.88 0.00	45.33 2.36 0.00	46.03 2.81 0.00	44.55 2.68 0.00	47.07 2.71 0.00	45.81 2.72 0.00	47.51 2.86 0.00	45.81 2.68 0.00	45.54 2.54 0.00	45.63 2.58 0.00	48.43 2.96 -1.22	52.75 3.12 -2.42	58.76 3.39 -6.22	51.89 2.90 -5.72	50.60 2.85 -4.52	46.07 2.89 -0.09	44.59 2.64 0.00	43.18 2.63 0.00	42.65 2.41 0.00
HILLSIDE_115KV_TB1 80332	42.32 -0.69 0.00	41.98 -0.86 0.00	39.97 -0.69 0.00	39.17 -0.72 0.00	39.21 -0.76 0.00	40.23 -0.70 0.00	42.15 -0.82 0.00	42.23 -0.99 0.00	40.65 -1.21 0.00	42.99 -1.38 0.00	41.98 -1.12 0.00	43.66 -0.98 0.00	42.15 -0.99 0.00	41.89 -1.12 0.00	42.02 -1.03 0.00	42.95 -1.64 -0.34	47.08 -0.80 -0.67	49.31 -1.57 -1.72	43.56 -1.30 -1.59	42.96 -1.51 -1.25	42.04 -1.08 -0.02	40.85 -1.09 0.00	39.29 -1.26 0.00	39.39 -0.84 0.00

HISHELDN_WT_PWR 323625	41.03 -1.98 0.00	40.69 -2.14 0.00	38.79 -1.87 0.00	38.01 -1.87 0.00	38.05 -1.92 0.00	39.08 -1.84 0.00	40.86 -2.10 0.00	41.24 -1.99 0.00	39.94 -1.93 0.00	40.99 -3.37 0.00	40.04 -3.06 0.00	41.61 -3.04 0.00	40.38 -2.76 0.00	40.08 -2.93 0.00	40.29 -2.76 0.00	41.20 -3.27 -0.22	44.97 -2.69 -0.45	46.67 -3.64 -1.15	41.47 -2.86 -1.05	41.12 -2.94 -0.83	40.14 -2.97 -0.02	39.09 -2.85 0.00	37.50 -3.04 0.00	37.98 -2.25 0.00
HOLTSVILLE_IC_1 23690	53.70 3.91 -6.78	47.99 3.60 -1.55	44.00 3.33 0.00	43.16 3.27 0.00	43.05 3.08 0.00	43.79 2.86 0.00	49.76 3.70 -3.10	52.60 4.15 -5.22	58.03 4.06 -12.11	63.22 4.17 -14.69	48.14 4.14 -0.90	54.84 4.33 -5.87	49.75 4.10 -2.51	49.21 4.09 -2.11	52.03 4.00 -4.98	52.24 4.42 -3.57	65.18 4.72 -13.24	78.44 5.02 -24.27	56.26 4.28 -8.71	52.27 4.19 -4.85	48.08 4.48 -0.50	47.28 4.11 -1.22	51.81 4.05 -7.21	45.77 3.95 -1.59
HOLTSVILLE_IC_10 23699	53.96 4.17 -6.78	48.25 3.86 -1.55	44.20 3.54 0.00	43.35 3.47 0.00	43.29 3.32 0.00	43.99 3.07 0.00	50.01 3.95 -3.10	52.81 4.36 -5.22	58.24 4.27 -12.11	63.48 4.44 -14.69	48.44 4.44 -0.90	54.90 4.60 -5.66	49.98 4.36 -2.49	49.46 4.34 -2.11	52.21 4.30 -4.86	52.41 4.69 -3.48	65.03 5.00 -12.81	78.08 5.36 -23.56	56.45 4.58 -8.60	52.57 4.50 -4.85	48.38 4.78 -0.50	47.48 4.32 -1.22	51.82 4.26 -7.01	46.01 4.18 -1.59
HOLTSVILLE_IC_2 23691	53.70 3.91 -6.78	47.99 3.60 -1.55	44.00 3.33 0.00	43.16 3.27 0.00	43.05 3.08 0.00	43.79 2.86 0.00	49.76 3.70 -3.10	52.60 4.15 -5.22	58.03 4.06 -12.11	63.22 4.17 -14.69	48.14 4.14 -0.90	54.84 4.33 -5.87	49.75 4.10 -2.51	49.21 4.09 -2.11	52.03 4.00 -4.98	52.24 4.42 -3.57	65.18 4.72 -13.24	78.44 5.02 -24.27	56.26 4.28 -8.71	52.27 4.19 -4.85	48.08 4.48 -0.50	47.28 4.11 -1.22	51.81 4.05 -7.21	45.77 3.95 -1.59
HOLTSVILLE_IC_3 23692	53.70 3.91 -6.78	47.99 3.60 -1.55	44.00 3.33 0.00	43.16 3.27 0.00	43.05 3.08 0.00	43.79 2.86 0.00	49.76 3.70 -3.10	52.60 4.15 -5.22	58.03 4.06 -12.11	63.22 4.17 -14.69	48.14 4.14 -0.90	54.84 4.33 -5.87	49.75 4.10 -2.51	49.21 4.09 -2.11	52.03 4.00 -4.98	52.24 4.42 -3.57	65.18 4.72 -13.24	78.44 5.02 -24.27	56.26 4.28 -8.71	52.27 4.19 -4.85	48.08 4.48 -0.50	47.28 4.11 -1.22	51.81 4.05 -7.21	45.77 3.95 -1.59
HOLTSVILLE_IC_4 23693	53.70 3.91 -6.78	47.99 3.60 -1.55	44.00 3.33 0.00	43.16 3.27 0.00	43.05 3.08 0.00	43.79 2.86 0.00	49.76 3.70 -3.10	52.60 4.15 -5.22	58.03 4.06 -12.11	63.22 4.17 -14.69	48.14 4.14 -0.90	54.84 4.33 -5.87	49.75 4.10 -2.51	49.21 4.09 -2.11	52.03 4.00 -4.98	52.24 4.42 -3.57	65.18 4.72 -13.24	78.44 5.02 -24.27	56.26 4.28 -8.71	52.27 4.19 -4.85	48.08 4.48 -0.50	47.28 4.11 -1.22	51.81 4.05 -7.21	45.77 3.95 -1.59
HOLTSVILLE_IC_5 23694	53.70 3.91 -6.78	47.99 3.60 -1.55	44.00 3.33 0.00	43.16 3.27 0.00	43.05 3.08 0.00	43.79 2.86 0.00	49.76 3.70 -3.10	52.60 4.15 -5.22	58.03 4.06 -12.11	63.22 4.17 -14.69	48.14 4.14 -0.90	54.84 4.33 -5.87	49.75 4.10 -2.51	49.21 4.09 -2.11	52.03 4.00 -4.98	52.24 4.42 -3.57	65.18 4.72 -13.24	78.44 5.02 -24.27	56.26 4.28 -8.71	52.27 4.19 -4.85	48.08 4.48 -0.50	47.28 4.11 -1.22	51.81 4.05 -7.21	45.77 3.95 -1.59
HOLTSVILLE_IC_6 23695	53.96 4.17 -6.78	48.25 3.86 -1.55	44.20 3.54 0.00	43.35 3.47 0.00	43.29 3.32 0.00	43.99 3.07 0.00	50.01 3.95 -3.10	52.81 4.36 -5.22	58.24 4.27 -12.11	63.48 4.44 -14.69	48.44 4.44 -0.90	54.90 4.60 -5.66	49.98 4.36 -2.49	49.46 4.34 -2.11	52.21 4.30 -4.86	52.41 4.69 -3.48	65.03 5.00 -12.81	78.08 5.36 -23.56	56.45 4.58 -8.60	52.57 4.50 -4.85	48.38 4.78 -0.50	47.48 4.32 -1.22	51.82 4.26 -7.01	46.01 4.18 -1.59
HOLTSVILLE_IC_7 23696	53.96 4.17 -6.78	48.25 3.86 -1.55	44.20 3.54 0.00	43.35 3.47 0.00	43.29 3.32 0.00	43.99 3.07 0.00	50.01 3.95 -3.10	52.81 4.36 -5.22	58.24 4.27 -12.11	63.48 4.44 -14.69	48.44 4.44 -0.90	54.90 4.60 -5.66	49.98 4.36 -2.49	49.46 4.34 -2.11	52.21 4.30 -4.86	52.41 4.69 -3.48	65.03 5.00 -12.81	78.08 5.36 -23.56	56.45 4.58 -8.60	52.57 4.50 -4.85	48.38 4.78 -0.50	47.48 4.32 -1.22	51.82 4.26 -7.01	46.01 4.18 -1.59
HOLTSVILLE_IC_8 23697	53.96 4.17 -6.78	48.25 3.86 -1.55	44.20 3.54 0.00	43.35 3.47 0.00	43.29 3.32 0.00	43.99 3.07 0.00	50.01 3.95 -3.10	52.81 4.36 -5.22	58.24 4.27 -12.11	63.48 4.44 -14.69	48.44 4.44 -0.90	54.90 4.60 -5.66	49.98 4.36 -2.49	49.46 4.34 -2.11	52.21 4.30 -4.86	52.41 4.69 -3.48	65.03 5.00 -12.81	78.08 5.36 -23.56	56.45 4.58 -8.60	52.57 4.50 -4.85	48.38 4.78 -0.50	47.48 4.32 -1.22	51.82 4.26 -7.01	46.01 4.18 -1.59
HOLTSVILLE_IC_9 23698	53.96 4.17 -6.78	48.25 3.86 -1.55	44.20 3.54 0.00	43.35 3.47 0.00	43.29 3.32 0.00	43.99 3.07 0.00	50.01 3.95 -3.10	52.81 4.36 -5.22	58.24 4.27 -12.11	63.48 4.44 -14.69	48.44 4.44 -0.90	54.90 4.60 -5.66	49.98 4.36 -2.49	49.46 4.34 -2.11	52.21 4.30 -4.86	52.41 4.69 -3.48	65.03 5.00 -12.81	78.08 5.36 -23.56	56.45 4.58 -8.60	52.57 4.50 -4.85	48.38 4.78 -0.50	47.48 4.32 -1.22	51.82 4.26 -7.01	46.01 4.18 -1.59
HOMER_HL_115KV_TB2 355744	42.15 -0.86 0.00	41.81 -1.03 0.00	39.89 -0.77 0.00	39.09 -0.80 0.00	39.13 -0.84 0.00	40.23 -0.70 0.00	41.98 -0.99 0.00	41.93 -1.30 0.00	40.11 -1.76 0.00	42.28 -2.08 0.00	41.29 -1.81 0.00	43.08 -1.56 0.00	41.63 -1.51 0.00	41.33 -1.68 0.00	41.41 -1.64 0.00	40.40 -4.07 -0.22	46.34 -1.32 -0.45	46.03 -4.28 -1.15	40.77 -3.55 -1.05	40.21 -3.85 -0.83	41.43 -1.68 -0.02	40.31 -1.64 0.00	38.56 -1.99 0.00	39.07 -1.17 0.00
HOWARD_WT_PWR 323690	42.84 -0.17 0.00	42.49 -0.34 0.00	40.46 -0.20 0.00	39.69 -0.20 0.00	39.73 -0.24 0.00	40.76 -0.16 0.00	42.62 -0.35 0.00	43.01 -0.22 0.00	41.66 -0.21 0.00	42.99 -1.38 0.00	42.02 -1.08 0.00	43.57 -1.07 0.00	42.10 -1.04 0.00	41.72 -1.29 0.00	42.06 -0.99 0.00	43.02 -1.50 -0.27	47.10 -0.66 -0.55	49.09 -1.47 -1.40	43.52 -1.04 -1.29	43.16 -1.08 -1.02	42.17 -0.95 -0.02	41.06 -0.88 0.00	39.45 -1.09 0.00	39.71 -0.52 0.00
HQ_GEN_CEDARS 23644	42.53 -0.47 0.00	42.71 -0.13 0.00	40.66 0.00 0.00	39.93 0.04 0.00	40.05 0.08 0.00	40.96 0.04 0.00	42.79 -0.17 0.00	43.05 -0.17 0.00	41.82 -0.04 0.00	44.18 -0.18 0.00	42.75 -0.34 0.00	44.20 -0.45 0.00	42.79 -0.35 0.00	42.79 -0.22 0.00	42.75 -0.30 0.00	43.76 -0.49 0.00	46.60 -0.61 0.00	48.57 -0.59 0.00	42.62 -0.65 0.00	42.71 -0.52 0.00	42.67 -0.43 0.00	41.69 -0.25 0.00	40.34 -0.20 0.00	40.03 -0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	42.53 -0.47 0.00	42.71 -0.13 0.00	40.66 0.00 0.00	39.93 0.04 0.00	40.05 0.08 0.00	40.96 0.04 0.00	42.71 -0.26 0.00	42.62 -0.61 0.00	42.75 -0.59 -1.35	42.75 -0.26 1.35	42.75 -0.35 0.00	44.20 -0.45 0.00	42.79 -0.35 0.00	42.79 -0.21 0.00	42.70 -0.35 0.00	43.76 -0.49 0.00	46.60 -0.62 0.00	48.57 -0.59 0.00	42.62 -0.65 0.00	42.66 -0.56 0.00	42.67 -0.43 0.00	41.69 -0.25 0.00	40.34 -0.20 0.00	40.03 -0.20 0.00

HQ_GEN_IMPORT 323601	42.75 -0.26 0.00	42.75 -0.09 0.00	40.66 0.00 0.00	39.89 0.00 0.00	40.01 0.04 0.00	40.92 0.00 0.00	42.75 -0.21 0.00	42.75 -0.47 0.00	42.75 -0.46 -1.35	42.75 -0.26 1.35	42.75 -0.35 0.00	44.20 -0.45 0.00	42.75 -0.39 0.00	42.75 -0.26 0.00	42.75 -0.30 0.00	43.76 -0.49 0.00	46.65 -0.56 0.00	48.62 -0.54 0.00	42.75 -0.52 0.00	42.75 -0.47 0.00	42.75 -0.35 0.00	41.78 -0.17 0.00	40.43 -0.12 0.00	40.11 -0.12 0.00
HQ_GEN_WHEEL 23651	42.75 -0.26 0.00	42.75 -0.09 0.00	40.66 0.00 0.00	39.89 0.00 0.00	40.01 0.04 0.00	40.92 0.00 0.00	42.75 -0.21 0.00	42.75 -0.47 0.00	42.75 -0.46 -1.35	42.75 -0.26 1.35	42.75 -0.35 0.00	44.20 -0.45 0.00	42.75 -0.39 0.00	42.75 -0.26 0.00	42.75 -0.30 0.00	43.76 -0.49 0.00	46.65 -0.56 0.00	48.62 -0.54 0.00	42.75 -0.52 0.00	42.75 -0.47 0.00	42.75 -0.35 0.00	41.78 -0.17 0.00	40.43 -0.12 0.00	40.11 -0.12 0.00
HUDSON AVE_GT_3 23810	46.06 3.05 0.00	45.58 2.74 0.00	43.14 2.48 0.00	42.28 2.39 0.00	42.33 2.36 0.00	43.25 2.33 0.00	45.76 2.79 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.69 3.33 0.00	46.59 3.49 0.00	48.26 3.62 0.00	46.63 3.49 0.00	46.36 3.35 0.00	46.41 3.36 0.00	49.33 3.81 -1.28	53.67 3.92 -2.54	59.85 4.18 -6.51	52.85 3.59 -5.99	51.63 3.67 -4.73	46.85 3.66 -0.09	45.26 3.31 0.00	43.83 3.28 0.00	43.29 3.06 0.00
HUDSON AVE_GT_4 23540	46.06 3.05 0.00	45.58 2.74 0.00	43.14 2.48 0.00	42.28 2.39 0.00	42.33 2.36 0.00	43.25 2.33 0.00	45.76 2.79 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.69 3.33 0.00	46.59 3.49 0.00	48.26 3.62 0.00	46.63 3.49 0.00	46.36 3.35 0.00	46.41 3.36 0.00	49.33 3.81 -1.28	53.67 3.92 -2.54	59.85 4.18 -6.51	52.85 3.59 -5.99	51.63 3.67 -4.73	46.85 3.66 -0.09	45.26 3.31 0.00	43.83 3.28 0.00	43.29 3.06 0.00
HUDSON AVE_GT_5 23657	46.06 3.05 0.00	45.58 2.74 0.00	43.14 2.48 0.00	42.28 2.39 0.00	42.33 2.36 0.00	43.25 2.33 0.00	45.76 2.79 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.69 3.33 0.00	46.59 3.49 0.00	48.26 3.62 0.00	46.63 3.49 0.00	46.36 3.35 0.00	46.41 3.36 0.00	49.33 3.81 -1.28	53.67 3.92 -2.54	59.85 4.18 -6.51	52.85 3.59 -5.99	51.63 3.67 -4.73	46.85 3.66 -0.09	45.26 3.31 0.00	43.83 3.28 0.00	43.29 3.06 0.00
HUDSON_AVE_10 24168	45.97 2.97 0.00	45.45 2.61 0.00	43.06 2.40 0.00	42.16 2.27 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.71 2.75 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.69 3.33 0.00	46.59 3.49 0.00	48.26 3.62 0.00	46.63 3.49 0.00	46.36 3.35 0.00	46.41 3.36 0.00	49.33 3.81 -1.28	53.72 3.97 -2.54	59.85 4.18 -6.51	52.89 3.63 -5.99	51.63 3.67 -4.73	46.85 3.66 -0.09	45.26 3.31 0.00	43.83 3.28 0.00	43.25 3.02 0.00
HUDSON___115KV_TB 4 355613	45.41 2.41 0.00	45.02 2.18 0.00	42.65 1.99 0.00	41.80 1.91 0.00	41.89 1.92 0.00	42.89 1.96 0.00	45.07 2.11 0.00	45.39 2.16 0.00	43.71 1.84 0.00	46.40 2.04 0.00	45.08 1.98 0.00	46.79 2.14 0.00	45.04 1.90 0.00	44.73 1.72 0.00	44.81 1.77 0.00	47.64 1.86 -1.54	52.63 2.36 -3.05	59.21 2.21 -7.84	52.42 1.95 -7.21	50.82 1.90 -5.70	45.23 2.03 -0.11	43.71 1.76 0.00	42.29 1.74 0.00	42.04 1.81 0.00
HUNTER MOUNT___DRP 323613	45.76 2.75 0.00	45.36 2.53 0.00	42.94 2.28 0.00	42.12 2.23 0.00	42.21 2.24 0.00	43.21 2.29 0.00	45.33 2.36 0.00	45.65 2.42 0.00	43.91 2.05 0.00	46.62 2.26 0.00	45.25 2.15 0.00	47.01 2.37 0.00	45.17 2.03 0.00	44.81 1.81 0.00	44.94 1.89 0.00	47.60 1.86 -1.49	52.73 2.55 -2.97	59.09 2.31 -7.62	52.31 2.03 -7.01	50.67 1.90 -5.54	45.40 2.20 -0.11	43.79 1.85 0.00	42.37 1.82 0.00	42.08 1.85 0.00
HUNTINGTON_RES_REC 323705	53.79 4.00 -6.78	48.07 3.68 -1.55	44.03 3.37 0.00	43.16 3.27 0.00	43.09 3.12 0.00	43.91 2.99 0.00	49.84 3.78 -3.10	52.69 4.24 -5.22	58.11 4.15 -12.11	63.35 4.30 -14.69	48.14 4.14 -0.90	47.39 4.51 1.77	49.20 4.27 -1.79	48.99 4.04 -1.94	47.95 4.22 -0.68	49.15 4.60 -0.30	50.12 4.91 2.01	53.33 5.21 1.03	52.56 4.46 -4.83	52.27 4.36 -4.68	48.02 4.48 -0.44	47.27 4.28 -1.05	44.71 4.22 0.05	45.71 3.95 -1.53
HUNTLEY___63 23557	40.17 -2.84 0.00	39.79 -3.04 0.00	38.02 -2.64 0.00	37.25 -2.63 0.00	37.25 -2.72 0.00	38.30 -2.62 0.00	39.66 -3.31 0.00	39.46 -3.76 0.00	37.89 -3.98 0.00	39.97 -4.39 0.00	39.09 -4.01 0.00	40.90 -3.75 0.00	39.52 -3.62 0.00	39.26 -3.74 0.00	39.30 -3.75 0.00	40.46 -3.98 -0.19	43.87 -3.73 -0.38	45.67 -4.47 -0.99	40.67 -3.50 -0.91	40.14 -3.80 -0.72	39.23 -3.88 -0.01	38.08 -3.86 0.00	36.49 -4.05 0.00	37.13 -3.10 0.00
HUNTLEY___64 23558	40.17 -2.84 0.00	39.79 -3.04 0.00	38.02 -2.64 0.00	37.25 -2.63 0.00	37.25 -2.72 0.00	38.30 -2.62 0.00	39.66 -3.31 0.00	39.46 -3.76 0.00	37.89 -3.98 0.00	39.97 -4.39 0.00	39.09 -4.01 0.00	40.90 -3.75 0.00	39.52 -3.62 0.00	39.26 -3.74 0.00	39.30 -3.75 0.00	40.46 -3.98 -0.19	43.87 -3.73 -0.38	45.67 -4.47 -0.99	40.67 -3.50 -0.91	40.14 -3.80 -0.72	39.23 -3.88 -0.01	38.08 -3.86 0.00	36.49 -4.05 0.00	37.13 -3.10 0.00
HUNTLEY___65 23559	40.17 -2.84 0.00	39.79 -3.04 0.00	38.02 -2.64 0.00	37.25 -2.63 0.00	37.25 -2.72 0.00	38.30 -2.62 0.00	39.66 -3.31 0.00	39.46 -3.76 0.00	37.89 -3.98 0.00	39.97 -4.39 0.00	39.09 -4.01 0.00	40.90 -3.75 0.00	39.52 -3.62 0.00	39.26 -3.74 0.00	39.30 -3.75 0.00	40.46 -3.98 -0.19	43.87 -3.73 -0.38	45.67 -4.47 -0.99	40.67 -3.50 -0.91	40.14 -3.80 -0.72	39.23 -3.88 -0.01	38.08 -3.86 0.00	36.49 -4.05 0.00	37.13 -3.10 0.00
HUNTLEY___66 23560	40.17 -2.84 0.00	39.79 -3.04 0.00	38.02 -2.64 0.00	37.25 -2.63 0.00	37.25 -2.72 0.00	38.30 -2.62 0.00	39.66 -3.31 0.00	39.46 -3.76 0.00	37.89 -3.98 0.00	39.97 -4.39 0.00	39.09 -4.01 0.00	40.90 -3.75 0.00	39.52 -3.62 0.00	39.26 -3.74 0.00	39.30 -3.75 0.00	40.46 -3.98 -0.19	43.87 -3.73 -0.38	45.67 -4.47 -0.99	40.67 -3.50 -0.91	40.14 -3.80 -0.72	39.23 -3.88 -0.01	38.08 -3.86 0.00	36.49 -4.05 0.00	37.13 -3.10 0.00
HUNTLEY___67 23561	40.08 -2.92 0.00	39.75 -3.08 0.00	37.94 -2.72 0.00	37.17 -2.71 0.00	37.17 -2.80 0.00	38.22 -2.70 0.00	39.66 -3.31 0.00	39.42 -3.80 0.00	37.84 -4.02 0.00	39.92 -4.44 0.00	39.05 -4.05 0.00	40.81 -3.84 0.00	39.47 -3.67 0.00	39.18 -3.83 0.00	39.22 -3.83 0.00	40.33 -4.11 -0.20	43.78 -3.82 -0.39	45.54 -4.62 -1.01	40.56 -3.63 -0.93	40.02 -3.93 -0.73	39.15 -3.96 -0.01	38.04 -3.90 0.00	36.45 -4.10 0.00	37.09 -3.14 0.00
HUNTLEY___68 23562	40.08 -2.92 0.00	39.75 -3.08 0.00	37.94 -2.72 0.00	37.17 -2.71 0.00	37.17 -2.80 0.00	38.22 -2.70 0.00	39.66 -3.31 0.00	39.42 -3.80 0.00	37.84 -4.02 0.00	39.92 -4.44 0.00	39.05 -4.05 0.00	40.81 -3.84 0.00	39.47 -3.67 0.00	39.18 -3.83 0.00	39.22 -3.83 0.00	40.33 -4.11 -0.20	43.78 -3.82 -0.39	45.54 -4.62 -1.01	40.56 -3.63 -0.93	40.02 -3.93 -0.73	39.15 -3.96 -0.01	38.04 -3.90 0.00	36.45 -4.10 0.00	37.09 -3.14 0.00

HYLAND___LFGE 323620	43.48 0.47 0.00	43.05 0.22 0.00	40.95 0.29 0.00	40.17 0.28 0.00	40.21 0.24 0.00	41.37 0.45 0.00	43.35 0.39 0.00	43.96 0.73 0.00	42.62 0.75 0.00	44.00 -0.36 0.00	42.88 -0.21 0.00	44.42 -0.22 0.00	42.71 -0.43 0.00	42.45 -0.56 0.00	42.92 -0.13 0.00	44.47 0.00 -0.22	48.46 0.80 -0.44	50.93 0.64 -1.13	45.26 0.95 -1.04	44.91 0.86 -0.82	43.59 0.47 -0.02	42.03 0.08 0.00	40.26 -0.28 0.00	40.39 0.16 0.00
INDECK___CORINTH 23802	44.85 1.85 0.00	44.55 1.72 0.00	42.29 1.63 0.00	41.44 1.55 0.00	41.53 1.56 0.00	42.44 1.51 0.00	44.73 1.76 0.00	45.04 1.82 0.00	43.75 1.89 0.00	46.49 2.13 0.00	45.12 2.03 0.00	46.97 2.32 0.00	45.17 2.03 0.00	44.85 1.85 0.00	44.81 1.77 0.00	47.82 1.94 -1.63	52.67 2.22 -3.24	59.83 2.36 -8.31	52.86 1.95 -7.65	51.21 1.95 -6.04	45.11 1.89 -0.12	43.50 1.55 0.00	42.13 1.58 0.00	41.64 1.41 0.00
INDECK___ILION 23567	43.39 0.39 0.00	43.18 0.34 0.00	40.99 0.33 0.00	40.24 0.36 0.00	40.33 0.36 0.00	41.29 0.37 0.00	43.44 0.47 0.00	43.74 0.52 0.00	42.28 0.42 0.00	44.85 0.49 0.00	43.57 0.47 0.00	45.14 0.49 0.00	43.53 0.39 0.00	43.31 0.30 0.00	43.31 0.26 0.00	44.56 0.31 0.00	47.50 0.28 0.00	49.40 0.25 0.00	43.44 0.17 0.00	43.40 0.17 0.00	43.18 0.09 0.00	41.94 0.00 0.00	40.55 0.00 0.00	40.19 -0.04 0.00
INDECK___OLEAN 23982	42.15 -0.86 0.00	41.81 -1.03 0.00	39.89 -0.77 0.00	39.09 -0.80 0.00	39.13 -0.84 0.00	40.23 -0.70 0.00	42.19 -0.77 0.00	42.71 -0.52 0.00	41.24 -0.63 0.00	42.32 -2.04 0.00	41.29 -1.81 0.00	42.95 -1.70 0.00	41.63 -1.51 0.00	41.33 -1.68 0.00	41.54 -1.51 0.00	40.71 -3.76 -0.22	46.29 -1.37 -0.45	46.03 -4.28 -1.15	40.77 -3.55 -1.05	40.34 -3.72 -0.83	40.61 -2.50 -0.02	40.31 -1.64 0.00	38.56 -1.99 0.00	39.06 -1.17 0.00
INDECK___OSWEGO 23783	41.63 -1.38 0.00	41.38 -1.46 0.00	39.28 -1.38 0.00	38.49 -1.40 0.00	38.57 -1.40 0.00	39.53 -1.39 0.00	41.55 -1.42 0.00	41.93 -1.30 0.00	40.65 -1.22 0.00	42.99 -1.38 0.00	41.85 -1.25 0.00	43.40 -1.25 0.00	41.93 -1.21 0.00	41.72 -1.29 0.00	41.76 -1.29 0.00	43.11 -1.24 -0.10	46.14 -1.27 -0.20	48.34 -1.32 -0.51	42.61 -1.13 -0.46	42.43 -1.17 -0.37	41.81 -1.29 -0.01	40.56 -1.38 0.00	39.13 -1.42 0.00	38.86 -1.37 0.00
INDECK___YERKES 23781	40.17 -2.84 0.00	39.84 -3.00 0.00	38.06 -2.60 0.00	37.29 -2.59 0.00	37.30 -2.68 0.00	38.35 -2.58 0.00	39.96 -3.01 0.00	40.37 -2.85 0.00	39.06 -2.80 0.00	40.02 -4.35 0.00	39.13 -3.96 0.00	40.67 -3.97 0.00	39.56 -3.58 0.00	39.31 -3.70 0.00	39.48 -3.57 0.00	40.55 -3.89 -0.19	43.92 -3.68 -0.38	45.67 -4.47 -0.99	40.71 -3.46 -0.91	40.40 -3.54 -0.72	39.23 -3.88 -0.01	38.13 -3.82 0.00	36.49 -4.05 0.00	37.17 -3.06 0.00
INDIAN POINT_GT_1 24139	45.63 2.62 0.00	45.19 2.36 0.00	42.77 2.11 0.00	41.92 2.03 0.00	41.93 1.96 0.00	42.89 1.96 0.00	45.41 2.45 0.00	45.77 2.55 0.00	44.25 2.39 0.00	47.16 2.79 0.00	46.03 2.93 0.00	47.68 3.04 0.00	46.03 2.89 0.00	45.76 2.75 0.00	45.85 2.80 0.00	48.69 3.19 -1.26	53.08 3.35 -2.51	59.18 3.59 -6.44	52.31 3.12 -5.92	50.97 3.07 -4.68	46.25 3.06 -0.09	44.75 2.81 0.00	43.34 2.80 0.00	42.81 2.57 0.00
INDIAN POINT_GT_2 23659	45.63 2.62 0.00	45.19 2.36 0.00	42.77 2.11 0.00	41.92 2.03 0.00	41.93 1.96 0.00	42.89 1.96 0.00	45.41 2.45 0.00	45.77 2.55 0.00	44.25 2.39 0.00	47.16 2.79 0.00	46.03 2.93 0.00	47.68 3.04 0.00	46.03 2.89 0.00	45.76 2.75 0.00	45.85 2.80 0.00	48.69 3.19 -1.26	53.08 3.35 -2.51	59.18 3.59 -6.44	52.31 3.12 -5.92	50.97 3.07 -4.68	46.25 3.06 -0.09	44.75 2.81 0.00	43.34 2.80 0.00	42.81 2.57 0.00
INDIAN POINT_GT_3 24019	45.63 2.62 0.00	45.19 2.36 0.00	42.77 2.11 0.00	41.92 2.03 0.00	41.93 1.96 0.00	42.89 1.96 0.00	45.41 2.45 0.00	45.77 2.55 0.00	44.25 2.39 0.00	47.16 2.79 0.00	46.03 2.93 0.00	47.68 3.04 0.00	46.03 2.89 0.00	45.76 2.75 0.00	45.85 2.80 0.00	48.69 3.19 -1.26	53.08 3.35 -2.51	59.18 3.59 -6.44	52.31 3.12 -5.92	50.97 3.07 -4.68	46.25 3.06 -0.09	44.75 2.81 0.00	43.34 2.80 0.00	42.81 2.57 0.00
INDIAN POINT___2 23530	45.50 2.49 0.00	45.06 2.23 0.00	42.69 2.03 0.00	41.84 1.95 0.00	41.89 1.92 0.00	42.85 1.92 0.00	45.37 2.40 0.00	46.03 2.81 0.00	44.58 2.72 0.00	47.16 2.80 0.00	45.90 2.80 0.00	47.59 2.95 0.00	45.90 2.76 0.00	45.63 2.62 0.00	45.72 2.67 0.00	48.55 3.05 -1.25	52.91 3.21 -2.48	58.96 3.44 -6.36	52.10 2.98 -5.85	50.79 2.94 -4.62	46.12 2.93 -0.09	44.63 2.69 0.00	43.22 2.68 0.00	42.69 2.45 0.00
INDIAN POINT___3 23531	45.54 2.54 0.00	45.11 2.27 0.00	42.73 2.07 0.00	41.88 1.99 0.00	41.93 1.96 0.00	42.89 1.96 0.00	45.37 2.41 0.00	45.73 2.51 0.00	44.21 2.34 0.00	47.07 2.71 0.00	45.90 2.80 0.00	47.59 2.95 0.00	45.94 2.80 0.00	45.67 2.67 0.00	45.76 2.71 0.00	48.56 3.05 -1.26	52.98 3.26 -2.51	59.09 3.49 -6.44	52.18 2.99 -5.92	50.89 2.98 -4.68	46.16 2.97 -0.09	44.67 2.73 0.00	43.26 2.72 0.00	42.73 2.49 0.00
INGHAM_C_115KV_TB7 356103	43.09 0.09 0.00	42.92 0.09 0.00	40.78 0.12 0.00	40.09 0.20 0.00	40.21 0.24 0.00	41.17 0.25 0.00	43.31 0.34 0.00	43.57 0.35 0.00	42.11 0.25 0.00	44.58 0.22 0.00	43.23 0.13 0.00	44.78 0.13 0.00	43.10 -0.04 0.00	42.83 -0.17 0.00	42.79 -0.26 0.00	43.98 -0.27 0.00	46.79 -0.42 0.00	48.67 -0.49 0.00	42.79 -0.48 0.00	42.71 -0.52 0.00	42.45 -0.65 0.00	41.27 -0.67 0.00	39.86 -0.69 0.00	39.55 -0.68 0.00
IP CORINTH___1 23988	45.11 2.11 0.00	44.76 1.93 0.00	42.49 1.83 0.00	41.68 1.79 0.00	41.77 1.80 0.00	42.68 1.76 0.00	44.94 1.98 0.00	45.04 1.82 0.00	43.75 1.88 0.00	46.71 2.35 0.00	45.38 2.28 0.00	47.19 2.54 0.00	45.43 2.29 0.00	45.07 2.06 0.00	45.03 1.98 0.00	48.09 2.21 -1.63	52.95 2.50 -3.24	60.07 2.61 -8.31	53.12 2.21 -7.65	51.43 2.16 -6.04	45.32 2.11 -0.12	43.75 1.80 0.00	42.37 1.82 0.00	41.88 1.65 0.00
IP___TICONDEROGA 23804	47.26 4.26 0.00	46.86 4.03 0.00	44.40 3.74 0.00	43.52 3.63 0.00	43.65 3.68 0.00	44.65 3.72 0.00	47.00 4.04 0.00	47.20 3.98 0.00	45.88 4.02 0.00	49.20 4.84 0.00	47.75 4.65 0.00	49.78 5.13 0.00	47.75 4.62 0.00	47.31 4.30 0.00	47.31 4.26 0.00	50.34 4.47 -1.63	55.50 5.05 -3.23	62.72 5.26 -8.30	55.36 4.46 -7.64	53.67 4.41 -6.03	47.56 4.35 -0.12	45.80 3.86 0.00	44.28 3.73 0.00	43.73 3.50 0.00
ISLIP_RES_REC 323679	54.18 4.39 -6.78	48.46 4.07 -1.55	44.40 3.74 0.00	43.55 3.67 0.00	43.49 3.52 0.00	44.15 3.23 0.00	50.23 4.17 -3.10	53.08 4.63 -5.22	58.49 4.52 -12.11	63.70 4.66 -14.69	48.70 4.70 -0.90	54.56 4.82 -5.09	50.15 4.57 -2.44	49.62 4.51 -2.10	52.06 4.48 -4.54	52.39 4.91 -3.23	64.14 5.24 -11.68	76.45 5.60 -21.69	56.38 4.80 -8.31	52.77 4.71 -4.84	48.59 5.00 -0.50	47.64 4.49 -1.20	51.43 4.42 -6.47	46.16 4.35 -1.59

JAMAICA__27_KV_LOAD 355505	46.23 3.23 0.00	45.71 2.87 0.00	43.26 2.60 0.00	42.36 2.47 0.00	42.41 2.44 0.00	43.42 2.50 0.00	46.06 3.09 0.00	46.55 3.33 0.00	45.17 3.31 0.00	48.22 3.86 0.00	47.10 4.01 0.00	48.80 4.15 0.00	47.15 4.01 0.00	46.88 3.87 0.00	46.97 3.92 0.00	49.90 4.38 -1.28	54.34 4.58 -2.55	60.55 4.87 -6.53	53.46 4.20 -6.00	52.24 4.28 -4.74	47.45 4.27 -0.09	45.72 3.77 0.00	44.28 3.73 0.00	43.61 3.38 0.00
JANIS__SOLAR 323808	45.07 2.06 0.00	44.72 1.88 0.00	42.49 1.83 0.00	41.68 1.80 0.00	41.77 1.80 0.00	42.89 1.96 0.00	45.15 2.19 0.00	45.77 2.55 0.00	44.42 2.55 0.00	46.71 2.35 0.00	45.38 2.28 0.00	47.06 2.41 0.00	45.30 2.16 0.00	44.94 1.94 0.00	45.07 2.02 0.00	46.72 2.12 -0.35	50.65 2.74 -0.70	53.60 2.65 -1.79	47.20 2.29 -1.64	46.73 2.20 -1.30	45.02 1.89 -0.02	43.62 1.68 0.00	41.93 1.38 0.00	41.68 1.45 0.00
JARVIS____ 23743	43.35 0.34 0.00	43.09 0.26 0.00	40.91 0.25 0.00	40.13 0.24 0.00	40.21 0.24 0.00	41.17 0.25 0.00	43.31 0.34 0.00	43.66 0.43 0.00	42.28 0.42 0.00	44.76 0.40 0.00	43.48 0.39 0.00	45.09 0.45 0.00	43.53 0.39 0.00	43.35 0.34 0.00	43.39 0.34 0.00	44.64 0.40 0.00	47.64 0.42 0.00	49.60 0.44 0.00	43.61 0.34 0.00	43.57 0.34 0.00	43.40 0.30 0.00	42.20 0.25 0.00	40.79 0.24 0.00	40.43 0.20 0.00
JENNISON____1 23625	45.63 2.62 0.00	45.28 2.44 0.00	42.98 2.32 0.00	42.20 2.31 0.00	42.25 2.28 0.00	43.38 2.46 0.00	45.67 2.71 0.00	46.03 2.81 0.00	44.54 2.68 0.00	47.42 3.06 0.00	46.20 3.10 0.00	48.04 3.39 0.00	46.20 3.06 0.00	45.84 2.84 0.00	45.80 2.76 0.00	47.44 2.74 -0.45	51.51 3.40 -0.90	54.70 3.24 -2.30	48.15 2.77 -2.12	47.53 2.64 -1.67	45.58 2.46 -0.03	44.17 2.22 0.00	42.45 1.91 0.00	42.20 1.97 0.00
JENNISON____2 23626	45.63 2.62 0.00	45.28 2.44 0.00	42.98 2.32 0.00	42.20 2.31 0.00	42.25 2.28 0.00	43.38 2.46 0.00	45.67 2.71 0.00	46.03 2.81 0.00	44.54 2.68 0.00	47.42 3.06 0.00	46.20 3.10 0.00	48.04 3.39 0.00	46.20 3.06 0.00	45.84 2.84 0.00	45.80 2.76 0.00	47.44 2.74 -0.45	51.51 3.40 -0.90	54.70 3.24 -2.30	48.15 2.77 -2.12	47.53 2.64 -1.67	45.58 2.46 -0.03	44.17 2.22 0.00	42.45 1.91 0.00	42.20 1.97 0.00
JERICOHO_RISE_WT_PWR 323719	42.75 -0.26 0.00	43.35 0.52 0.00	41.60 0.94 0.00	41.00 1.12 0.00	41.29 1.32 0.00	41.86 0.94 0.00	43.52 0.56 0.00	43.27 0.04 0.00	41.78 -0.08 0.00	44.67 0.31 0.00	43.40 0.30 0.00	44.92 0.27 0.00	43.48 0.34 0.00	43.44 0.43 0.00	43.18 0.13 0.00	44.25 0.00 0.00	47.07 -0.14 0.00	49.11 -0.05 0.00	42.97 -0.30 0.00	43.01 -0.22 0.00	42.92 -0.17 0.00	41.90 -0.04 0.00	40.47 -0.08 0.00	40.27 0.04 0.00
KATONAH__115KV_46KV_TB4 355592	46.10 3.10 0.00	45.62 2.78 0.00	43.18 2.52 0.00	42.32 2.43 0.00	42.29 2.32 0.00	43.25 2.33 0.00	45.80 2.84 0.00	46.16 2.94 0.00	44.75 2.89 0.00	47.73 3.37 0.00	46.59 3.49 0.00	48.26 3.62 0.00	46.59 3.45 0.00	46.32 3.31 0.00	46.41 3.36 0.00	49.21 3.67 -1.29	53.65 3.87 -2.56	59.82 4.08 -6.58	52.91 3.59 -6.05	51.55 3.54 -4.78	46.72 3.53 -0.09	45.22 3.27 0.00	43.71 3.16 0.00	43.13 2.90 0.00
KCE_NY_1 323755	45.50 2.49 0.00	45.19 2.35 0.00	42.81 2.15 0.00	42.00 2.11 0.00	42.09 2.12 0.00	43.09 2.17 0.00	45.37 2.40 0.00	45.82 2.59 0.00	44.42 2.55 0.00	47.07 2.71 0.00	45.73 2.63 0.00	47.55 2.90 0.00	45.81 2.68 0.00	45.50 2.49 0.00	45.55 2.50 0.00	48.57 2.70 -1.62	53.42 2.98 -3.23	60.54 3.10 -8.29	53.58 2.68 -7.63	51.93 2.68 -6.02	45.80 2.59 -0.12	44.29 2.35 0.00	42.86 2.31 0.00	42.40 2.17 0.00
KCE_NY_6_ESR 323823	40.99 -2.02 0.00	40.65 -2.18 0.00	38.79 -1.87 0.00	38.01 -1.87 0.00	38.02 -1.96 0.00	39.08 -1.84 0.00	40.82 -2.15 0.00	41.19 -2.03 0.00	39.90 -1.97 0.00	40.86 -3.51 0.00	39.95 -3.14 0.00	41.52 -3.13 0.00	40.38 -2.76 0.00	40.08 -2.93 0.00	40.25 -2.80 0.00	40.91 -3.54 -0.21	44.84 -2.79 -0.41	46.17 -4.03 -1.05	41.07 -3.16 -0.96	40.74 -3.24 -0.76	39.92 -3.19 -0.01	38.97 -2.98 0.00	37.34 -3.20 0.00	37.94 -2.29 0.00
KEDC_PORT_JEFF_GT2 24210	53.83 4.04 -6.78	48.16 3.77 -1.55	44.11 3.45 0.00	43.27 3.39 0.00	43.17 3.20 0.00	43.74 2.82 0.00	49.76 3.70 -3.10	52.60 4.15 -5.22	58.03 4.06 -12.11	63.26 4.22 -14.69	48.18 4.18 -0.90	55.39 4.51 -6.24	50.04 4.36 -2.54	49.43 4.30 -2.12	52.50 4.26 -5.19	52.66 4.69 -3.73	66.20 5.00 -13.98	79.81 5.16 -25.50	56.58 4.42 -8.90	52.54 4.45 -4.86	48.30 4.70 -0.51	47.49 4.32 -1.23	52.38 4.26 -7.58	45.97 4.14 -1.59
KEDC_PORT_JEFF_GT3 24211	53.83 4.04 -6.78	48.16 3.77 -1.55	44.11 3.45 0.00	43.27 3.39 0.00	43.17 3.20 0.00	43.74 2.82 0.00	49.76 3.70 -3.10	52.60 4.15 -5.22	58.03 4.06 -12.11	63.26 4.22 -14.69	48.18 4.18 -0.90	55.39 4.51 -6.24	50.04 4.36 -2.54	49.43 4.30 -2.12	52.50 4.26 -5.19	52.66 4.69 -3.73	66.20 5.00 -13.98	79.81 5.16 -25.50	56.58 4.42 -8.90	52.54 4.45 -4.86	48.30 4.70 -0.51	47.49 4.32 -1.23	52.38 4.26 -7.58	45.97 4.14 -1.59
KEDC_GLWD_GT4 24219	53.53 3.74 -6.78	47.82 3.43 -1.55	43.75 3.09 0.00	42.88 2.99 0.00	42.89 2.92 0.00	43.79 2.86 0.00	49.63 3.56 -3.10	52.51 4.06 -5.22	57.90 3.93 -12.11	63.17 4.13 -14.69	48.18 4.18 -0.90	49.58 4.42 -0.51	49.33 4.18 -2.00	49.04 4.04 -1.99	49.10 4.09 -1.96	49.99 4.47 -1.28	54.43 4.68 -2.54	60.18 4.52 -6.51	53.50 4.24 -5.99	52.15 4.19 -4.73	47.83 4.27 -0.46	46.94 3.90 -1.10	46.41 3.85 -2.01	45.36 3.58 -1.55
KEDC_GLWD_GT5 24220	53.53 3.74 -6.78	47.82 3.43 -1.55	43.75 3.09 0.00	42.88 2.99 0.00	42.89 2.92 0.00	43.79 2.86 0.00	49.63 3.56 -3.10	52.51 4.06 -5.22	57.90 3.93 -12.11	63.17 4.13 -14.69	48.18 4.18 -0.90	49.58 4.42 -0.51	49.33 4.18 -2.00	49.04 4.04 -1.99	49.10 4.09 -1.96	49.99 4.47 -1.28	54.43 4.68 -2.54	60.18 4.52 -6.51	53.50 4.24 -5.99	52.15 4.19 -4.73	47.83 4.27 -0.46	46.94 3.90 -1.10	46.41 3.85 -2.01	45.36 3.58 -1.55
KENSICO____ 23655	45.76 2.75 0.00	45.32 2.48 0.00	42.90 2.24 0.00	42.04 2.15 0.00	42.09 2.12 0.00	43.05 2.13 0.00	45.54 2.58 0.00	45.90 2.68 0.00	44.42 2.55 0.00	47.33 2.97 0.00	46.20 3.10 0.00	47.86 3.21 0.00	46.25 3.11 0.00	45.97 2.97 0.00	46.02 2.97 0.00	48.88 3.36 -1.27	53.28 3.54 -2.53	59.43 3.79 -6.49	52.48 3.25 -5.97	51.18 3.24 -4.72	46.46 3.28 -0.09	44.92 2.98 0.00	43.47 2.92 0.00	42.93 2.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.97 2.97 0.00	45.53 2.70 0.00	43.06 2.40 0.00	42.20 2.31 0.00	42.25 2.28 0.00	43.25 2.33 0.00	45.63 2.66 0.00	45.99 2.77 0.00	44.50 2.64 0.00	47.33 2.97 0.00	46.07 2.97 0.00	47.68 3.04 0.00	45.99 2.85 0.00	45.67 2.67 0.00	45.80 2.76 0.00	48.64 3.19 -1.21	53.16 3.54 -2.41	59.21 3.88 -6.17	52.32 3.37 -5.68	50.91 3.20 -4.49	46.41 3.23 -0.09	44.88 2.94 0.00	43.38 2.84 0.00	42.85 2.62 0.00

KIAC_JFK_GT1 23816	46.10 3.10 0.00	45.58 2.74 0.00	43.14 2.48 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.30 2.37 0.00	45.93 2.96 0.00	46.42 3.20 0.00	45.05 3.18 0.00	48.09 3.73 0.00	46.97 3.88 0.00	48.66 4.02 0.00	47.02 3.88 0.00	46.75 3.74 0.00	46.79 3.75 0.00	49.73 4.20 -1.28	54.15 4.39 -2.55	60.35 4.67 -6.53	53.29 4.02 -6.00	52.07 4.11 -4.74	47.28 4.09 -0.09	45.59 3.65 0.00	44.16 3.61 0.00	43.45 3.22 0.00
KIAC_JFK_GT2 23817	46.10 3.10 0.00	45.58 2.74 0.00	43.14 2.48 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.30 2.37 0.00	45.93 2.96 0.00	46.42 3.20 0.00	45.05 3.18 0.00	48.09 3.73 0.00	46.97 3.88 0.00	48.66 4.02 0.00	47.02 3.88 0.00	46.75 3.74 0.00	46.79 3.75 0.00	49.73 4.20 -1.28	54.15 4.39 -2.55	60.35 4.67 -6.53	53.29 4.02 -6.00	52.07 4.11 -4.74	47.28 4.09 -0.09	45.59 3.65 0.00	44.16 3.61 0.00	43.45 3.22 0.00
KIAC_JFK____ 323774	46.10 3.10 0.00	45.58 2.74 0.00	43.14 2.48 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.29 2.37 0.00	45.97 3.01 0.00	46.81 3.59 0.00	45.46 3.60 0.00	48.18 3.82 0.00	46.98 3.88 0.00	48.71 4.06 0.00	47.02 3.88 0.00	46.75 3.74 0.00	46.84 3.79 0.00	49.73 4.21 -1.28	54.15 4.39 -2.55	60.36 4.67 -6.53	53.29 4.02 -6.00	52.07 4.11 -4.74	47.28 4.10 -0.09	45.59 3.65 0.00	44.15 3.61 0.00	43.45 3.22 0.00
KINTIGH____ 23543	39.78 -3.23 0.00	39.41 -3.43 0.00	37.61 -3.05 0.00	36.85 -3.03 0.00	36.85 -3.12 0.00	37.89 -3.03 0.00	39.40 -3.57 0.00	39.29 -3.93 0.00	37.80 -4.06 0.00	39.92 -4.44 0.00	39.00 -4.09 0.00	40.72 -3.93 0.00	39.39 -3.75 0.00	39.14 -3.87 0.00	39.13 -3.92 0.00	40.97 -3.45 -0.17	43.59 -3.97 -0.34	46.19 -3.83 -0.87	41.08 -2.99 -0.80	40.61 -3.24 -0.63	39.10 -4.01 -0.01	37.96 -3.98 0.00	36.41 -4.14 0.00	36.85 -3.38 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.44 0.43 0.00	44.08 1.24 0.00	42.37 1.71 0.00	41.76 1.87 0.00	42.05 2.08 0.00	42.48 1.56 0.00	44.25 1.29 0.00	44.39 1.17 0.00	42.99 1.13 0.00	45.51 1.15 0.00	44.17 1.08 0.00	45.76 1.12 0.00	44.26 1.12 0.00	44.17 1.16 0.00	43.91 0.86 0.00	45.00 0.75 0.00	47.97 0.76 0.00	50.04 0.88 0.00	43.79 0.52 0.00	43.83 0.61 0.00	43.70 0.60 0.00	42.53 0.59 0.00	41.07 0.53 0.00	40.88 0.64 0.00
LACHUTE____HYDRO 323717	47.27 4.26 0.00	46.86 4.03 0.00	44.40 3.74 0.00	43.51 3.63 0.00	43.65 3.68 0.00	44.65 3.72 0.00	47.05 4.08 0.00	47.42 4.19 0.00	46.18 4.31 0.00	49.24 4.88 0.00	47.75 4.66 0.00	49.78 5.13 0.00	47.76 4.62 0.00	47.31 4.30 0.00	47.31 4.26 0.00	50.39 4.52 -1.63	55.50 5.05 -3.23	62.72 5.26 -8.30	55.36 4.46 -7.64	53.71 4.45 -6.03	47.56 4.35 -0.12	45.80 3.86 0.00	44.27 3.73 0.00	43.73 3.50 0.00
LAWRNCV_115KV_TB1 80681	41.85 -1.16 0.00	42.02 -0.81 0.00	40.09 -0.57 0.00	39.37 -0.52 0.00	39.53 -0.44 0.00	40.39 -0.53 0.00	42.23 -0.73 0.00	42.45 -0.78 0.00	41.28 -0.59 0.00	43.65 -0.71 0.00	42.19 -0.91 0.00	43.66 -0.98 0.00	42.23 -0.91 0.00	42.23 -0.77 0.00	42.19 -0.86 0.00	43.19 -1.06 0.00	45.99 -1.23 0.00	47.98 -1.18 0.00	42.01 -1.25 0.00	42.14 -1.08 0.00	42.02 -1.08 0.00	41.02 -0.92 0.00	39.65 -0.89 0.00	39.35 -0.89 0.00
LEDERLE____ 23769	45.63 2.62 0.00	45.19 2.36 0.00	42.77 2.11 0.00	41.92 2.03 0.00	41.97 2.00 0.00	42.93 2.01 0.00	45.41 2.45 0.00	45.77 2.55 0.00	44.21 2.34 0.00	47.07 2.71 0.00	45.94 2.84 0.00	47.59 2.95 0.00	45.94 2.80 0.00	45.67 2.67 0.00	45.72 2.67 0.00	48.53 3.05 -1.23	52.92 3.26 -2.45	58.97 3.54 -6.28	52.07 3.03 -5.78	50.77 2.98 -4.56	46.20 3.02 -0.09	44.71 2.77 0.00	43.30 2.76 0.00	42.77 2.53 0.00
LIGHTHSE_115KV_TB6 355974	42.06 -0.95 0.00	41.81 -1.03 0.00	39.68 -0.98 0.00	38.93 -0.96 0.00	39.01 -0.96 0.00	40.02 -0.90 0.00	41.98 -0.99 0.00	42.23 -0.99 0.00	40.90 -0.96 0.00	43.52 -0.84 0.00	42.41 -0.69 0.00	44.02 -0.63 0.00	42.49 -0.65 0.00	42.32 -0.69 0.00	42.32 -0.73 0.00	43.63 -0.71 -0.09	46.74 -0.66 -0.18	48.94 -0.69 -0.47	43.09 -0.61 -0.43	42.87 -0.69 -0.34	42.24 -0.86 -0.01	40.98 -0.96 0.00	39.53 -1.01 0.00	39.23 -1.01 0.00
LINDEN COGEN____ 23786	45.76 2.75 0.00	45.28 2.44 0.00	42.85 2.19 0.00	42.00 2.11 0.00	42.05 2.08 0.00	42.96 2.05 0.01	45.54 2.58 0.00	46.25 3.02 0.00	44.84 2.97 0.00	47.47 3.10 0.00	46.24 3.14 0.00	48.00 3.35 0.00	46.29 3.15 0.00	46.02 3.01 0.00	46.11 3.06 0.00	48.98 3.45 -1.28	53.34 3.59 -2.54	59.45 3.79 -6.51	52.54 3.29 -5.99	51.33 3.37 -4.73	46.55 3.36 -0.09	44.97 3.02 0.00	43.59 3.04 0.00	43.01 2.77 0.00
LINDHRST_69_KV_BK1 356055	53.96 4.17 -6.78	48.24 3.86 -1.55	44.20 3.54 0.00	43.28 3.39 0.00	43.25 3.28 0.00	44.11 3.19 0.00	50.02 3.95 -3.10	52.51 4.06 -5.22	57.90 3.94 -12.11	63.44 4.39 -14.69	48.52 4.53 -0.90	49.93 4.46 -0.82	49.49 4.31 -2.03	49.22 4.21 -2.00	49.36 4.18 -2.13	50.26 4.60 -1.41	55.32 4.96 -3.15	62.00 5.31 -7.53	53.96 4.54 -6.14	52.37 4.41 -4.74	48.26 4.70 -0.46	47.20 4.15 -1.11	46.94 4.05 -2.34	45.77 3.98 -1.55
LIPA_MISC_IPP 23656	53.87 4.09 -6.78	48.16 3.77 -1.55	44.16 3.50 0.00	43.32 3.43 0.00	43.25 3.28 0.00	43.95 3.03 0.00	49.93 3.87 -3.10	52.42 3.98 -5.22	57.82 3.85 -12.11	63.35 4.30 -14.69	48.44 4.44 -0.90	55.01 4.51 -5.85	49.92 4.27 -2.51	49.38 4.26 -2.11	52.19 4.18 -4.97	52.32 4.51 -3.56	65.34 4.91 -13.21	78.59 5.21 -24.22	56.47 4.50 -8.70	52.44 4.37 -4.85	48.25 4.65 -0.50	47.49 4.32 -1.22	52.00 4.26 -7.19	45.97 4.14 -1.59
LISF__SOLAR 323691	53.92 4.13 -6.78	48.25 3.86 -1.55	44.20 3.54 0.00	43.40 3.51 0.00	43.33 3.36 0.00	44.03 3.11 0.00	50.06 4.00 -3.10	52.90 4.45 -5.22	58.32 4.35 -12.11	63.53 4.48 -14.69	48.52 4.52 -0.90	55.15 4.69 -5.81	50.00 4.36 -2.50	49.46 4.34 -2.11	52.30 4.30 -4.95	52.48 4.69 -3.54	65.35 5.00 -13.13	78.60 5.36 -24.09	56.58 4.63 -8.68	52.57 4.50 -4.85	48.34 4.74 -0.50	47.57 4.40 -1.22	52.04 4.34 -7.16	46.09 4.26 -1.59
LITTLE FALLS____HYD 24013	43.09 0.09 0.00	42.92 0.09 0.00	40.78 0.12 0.00	40.09 0.20 0.00	40.21 0.24 0.00	41.17 0.25 0.00	43.31 0.34 0.00	43.57 0.35 0.00	42.11 0.25 0.00	44.58 0.22 0.00	43.23 0.13 0.00	44.78 0.13 0.00	43.10 -0.04 0.00	42.83 -0.17 0.00	42.79 -0.26 0.00	43.98 -0.27 0.00	46.79 -0.42 0.00	48.67 -0.49 0.00	42.79 -0.48 0.00	42.71 -0.52 0.00	42.45 -0.65 0.00	41.27 -0.67 0.00	39.86 -0.69 0.00	39.55 -0.68 0.00
LITTLRIV_115KV_TB1 356100	42.28 -0.73 0.00	42.45 -0.39 0.00	40.46 -0.20 0.00	39.73 -0.16 0.00	39.89 -0.08 0.00	40.76 -0.16 0.00	42.66 -0.30 0.00	42.92 -0.30 0.00	41.78 -0.08 0.00	44.14 -0.22 0.00	42.71 -0.39 0.00	44.20 -0.45 0.00	42.75 -0.39 0.00	42.75 -0.26 0.00	42.66 -0.39 0.00	43.67 -0.58 0.00	46.51 -0.71 0.00	48.52 -0.64 0.00	42.49 -0.78 0.00	42.58 -0.65 0.00	42.45 -0.65 0.00	41.44 -0.50 0.00	40.02 -0.53 0.00	39.71 -0.52 0.00

LI_NEWBRDGE___DRP 323616	53.14 3.35 -6.78	47.47 3.08 -1.55	43.47 2.81 0.00	42.60 2.71 0.00	42.57 2.60 0.00	43.46 2.54 0.00	49.24 3.18 -3.10	51.73 3.29 -5.22	57.11 3.14 -12.11	62.64 3.59 -14.69	47.71 3.71 -0.90	48.99 3.84 -0.51	48.81 3.67 -2.00	48.57 3.57 -1.99	48.58 3.57 -1.96	49.46 3.94 -1.28	53.95 4.20 -2.54	60.09 4.42 -6.51	53.06 3.81 -5.99	51.72 3.76 -4.73	47.44 3.88 -0.46	46.61 3.57 -1.10	46.05 3.53 -1.98	45.08 3.30 -1.55
LOCKPORT_115KV_TB60_63_64 80432	39.82 -3.18 0.00	39.45 -3.38 0.00	37.65 -3.01 0.00	36.89 -2.99 0.00	36.89 -3.08 0.00	37.98 -2.95 0.00	39.31 -3.65 0.00	39.12 -4.11 0.00	37.55 -4.31 0.00	39.61 -4.75 0.00	38.74 -4.35 0.00	40.54 -4.11 0.00	39.17 -3.97 0.00	38.92 -4.09 0.00	38.96 -4.09 0.00	40.27 -4.16 -0.19	43.48 -4.11 -0.37	45.38 -4.72 -0.95	40.46 -3.68 -0.87	39.94 -3.98 -0.69	38.89 -4.22 -0.01	37.75 -4.19 0.00	36.17 -4.38 0.00	36.81 -3.42 0.00
LOCKPORT___CC1 323769	39.82 -3.18 0.00	39.45 -3.38 0.00	37.69 -2.97 0.00	36.93 -2.95 0.00	36.93 -3.04 0.00	37.98 -2.95 0.00	39.61 -3.35 0.00	39.98 -3.24 0.00	38.72 -3.14 0.00	39.61 -4.75 0.00	38.75 -4.35 0.00	40.27 -4.37 0.00	39.17 -3.97 0.00	38.88 -4.13 0.00	39.09 -3.96 0.00	40.27 -4.16 -0.19	43.48 -4.11 -0.37	45.39 -4.72 -0.95	40.47 -3.68 -0.88	40.16 -3.76 -0.69	38.93 -4.18 -0.01	37.75 -4.19 0.00	36.17 -4.38 0.00	36.85 -3.38 0.00
LOCKPORT___CC2 323770	39.82 -3.18 0.00	39.45 -3.38 0.00	37.69 -2.97 0.00	36.93 -2.95 0.00	36.93 -3.04 0.00	37.98 -2.95 0.00	39.61 -3.35 0.00	39.98 -3.24 0.00	38.72 -3.14 0.00	39.61 -4.75 0.00	38.75 -4.35 0.00	40.27 -4.37 0.00	39.17 -3.97 0.00	38.88 -4.13 0.00	39.09 -3.96 0.00	40.27 -4.16 -0.19	43.48 -4.11 -0.37	45.39 -4.72 -0.95	40.47 -3.68 -0.88	40.16 -3.76 -0.69	38.93 -4.18 -0.01	37.75 -4.19 0.00	36.17 -4.38 0.00	36.85 -3.38 0.00
LOCKPORT___CC3 323771	39.82 -3.18 0.00	39.45 -3.38 0.00	37.69 -2.97 0.00	36.93 -2.95 0.00	36.93 -3.04 0.00	37.98 -2.95 0.00	39.61 -3.35 0.00	39.98 -3.24 0.00	38.72 -3.14 0.00	39.61 -4.75 0.00	38.75 -4.35 0.00	40.27 -4.37 0.00	39.17 -3.97 0.00	38.88 -4.13 0.00	39.09 -3.96 0.00	40.27 -4.16 -0.19	43.48 -4.11 -0.37	45.39 -4.72 -0.95	40.47 -3.68 -0.88	40.16 -3.76 -0.69	38.93 -4.18 -0.01	37.75 -4.19 0.00	36.17 -4.38 0.00	36.85 -3.38 0.00
LONG_LAKE_PHOENIX 24014	41.76 -1.25 0.00	41.51 -1.33 0.00	39.36 -1.30 0.00	38.61 -1.28 0.00	38.69 -1.28 0.00	39.65 -1.27 0.00	41.59 -1.37 0.00	41.88 -1.34 0.00	40.57 -1.30 0.00	43.12 -1.24 0.00	42.02 -1.08 0.00	43.62 -1.03 0.00	42.10 -1.04 0.00	41.89 -1.12 0.00	41.93 -1.12 0.00	43.29 -1.06 -0.10	46.33 -1.09 -0.20	48.55 -1.13 -0.52	42.80 -0.95 -0.48	42.57 -1.04 -0.38	41.90 -1.21 -0.01	40.69 -1.26 0.00	39.25 -1.30 0.00	38.99 -1.25 0.00
LOVETT___3 23632	45.46 2.45 0.00	45.02 2.18 0.00	42.61 1.95 0.00	41.76 1.87 0.00	41.81 1.84 0.00	42.76 1.84 0.00	45.24 2.28 0.00	45.60 2.38 0.00	44.04 2.18 0.00	46.85 2.48 0.00	45.73 2.63 0.00	47.37 2.72 0.00	45.77 2.63 0.00	45.50 2.49 0.00	45.55 2.50 0.00	48.36 2.88 -1.23	52.69 3.02 -2.45	58.75 3.29 -6.30	51.88 2.81 -5.80	50.57 2.77 -4.58	45.99 2.80 -0.09	44.54 2.60 0.00	43.14 2.59 0.00	42.65 2.41 0.00
LOVETT___4 23642	45.46 2.45 0.00	45.02 2.18 0.00	42.61 1.95 0.00	41.76 1.87 0.00	41.81 1.84 0.00	42.76 1.84 0.00	45.24 2.28 0.00	45.60 2.38 0.00	44.04 2.18 0.00	46.85 2.48 0.00	45.73 2.63 0.00	47.37 2.72 0.00	45.77 2.63 0.00	45.50 2.49 0.00	45.55 2.50 0.00	48.36 2.88 -1.23	52.69 3.02 -2.45	58.75 3.29 -6.30	51.88 2.81 -5.80	50.57 2.77 -4.58	45.99 2.80 -0.09	44.54 2.60 0.00	43.14 2.59 0.00	42.65 2.41 0.00
LOVETT___5 23593	45.46 2.45 0.00	45.02 2.18 0.00	42.61 1.95 0.00	41.76 1.87 0.00	41.81 1.84 0.00	42.76 1.84 0.00	45.24 2.28 0.00	45.60 2.38 0.00	44.04 2.18 0.00	46.85 2.48 0.00	45.73 2.63 0.00	47.37 2.72 0.00	45.77 2.63 0.00	45.50 2.49 0.00	45.55 2.50 0.00	48.36 2.88 -1.23	52.69 3.02 -2.45	58.75 3.29 -6.30	51.88 2.81 -5.80	50.57 2.77 -4.58	45.99 2.80 -0.09	44.54 2.60 0.00	43.14 2.59 0.00	42.65 2.41 0.00
LOWER RAQUET___HYD 24057	41.63 -1.38 0.00	41.81 -1.03 0.00	39.89 -0.77 0.00	39.17 -0.72 0.00	39.33 -0.64 0.00	40.19 -0.74 0.00	41.93 -1.03 0.00	41.80 -1.43 0.00	40.52 -1.34 0.00	43.38 -0.98 0.00	42.02 -1.08 0.00	43.49 -1.16 0.00	42.06 -1.08 0.00	42.06 -0.95 0.00	41.93 -1.12 0.00	42.96 -1.28 0.00	45.75 -1.46 0.00	47.78 -1.38 0.00	41.84 -1.43 0.00	41.88 -1.34 0.00	41.80 -1.29 0.00	40.81 -1.13 0.00	39.45 -1.09 0.00	39.15 -1.08 0.00
LOWER___HUDSON 24059	45.03 2.02 0.00	44.72 1.88 0.00	42.37 1.71 0.00	41.56 1.67 0.00	41.65 1.68 0.00	42.64 1.72 0.00	44.94 1.98 0.00	45.43 2.20 0.00	43.96 2.09 0.00	46.49 2.13 0.00	45.21 2.11 0.00	46.92 2.28 0.00	45.25 2.11 0.00	44.99 1.98 0.00	45.03 1.98 0.00	48.06 2.21 -1.60	52.80 2.41 -3.18	59.82 2.51 -8.15	52.98 2.21 -7.50	51.31 2.16 -5.93	45.32 2.11 -0.11	43.87 1.93 0.00	42.45 1.91 0.00	42.04 1.81 0.00
LOWVILLE_115KV_TB2 356335	43.18 0.17 0.00	42.96 0.13 0.00	40.82 0.16 0.00	40.05 0.16 0.00	40.17 0.20 0.00	41.21 0.29 0.00	43.35 0.39 0.00	43.70 0.48 0.00	42.37 0.50 0.00	44.98 0.62 0.00	43.66 0.56 0.00	45.27 0.63 0.00	43.70 0.56 0.00	43.57 0.56 0.00	43.57 0.52 0.00	44.83 0.53 -0.05	48.02 0.71 -0.09	50.09 0.69 -0.24	43.96 0.48 -0.22	43.83 0.43 -0.17	43.27 0.17 0.00	42.03 0.08 0.00	40.51 -0.04 0.00	40.15 -0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	45.46 2.45 0.00	45.15 2.31 0.00	42.82 2.16 0.00	41.96 2.07 0.00	42.05 2.08 0.00	43.05 2.13 0.00	45.28 2.32 0.00	45.56 2.33 0.00	44.12 2.26 0.00	46.98 2.62 0.00	45.73 2.63 0.00	47.50 2.86 0.00	45.77 2.63 0.00	45.46 2.45 0.00	45.50 2.45 0.00	48.53 2.65 -1.62	53.37 2.93 -3.23	60.49 3.05 -8.29	53.53 2.64 -7.63	51.84 2.59 -6.02	45.80 2.59 -0.12	44.25 2.31 0.00	42.82 2.27 0.00	42.36 2.13 0.00
LUTHERNY_35_KV_BK2 355980	45.50 2.49 0.00	45.19 2.36 0.00	42.82 2.16 0.00	42.00 2.11 0.00	42.09 2.12 0.00	43.09 2.17 0.00	45.33 2.36 0.00	45.60 2.38 0.00	44.17 2.30 0.00	47.02 2.66 0.00	45.73 2.63 0.00	47.55 2.90 0.00	45.81 2.67 0.00	45.50 2.49 0.00	45.50 2.45 0.00	48.57 2.70 -1.62	53.42 2.97 -3.23	60.54 3.10 -8.29	53.58 2.68 -7.63	51.88 2.64 -6.02	45.84 2.63 -0.12	44.29 2.35 0.00	42.86 2.31 0.00	42.40 2.17 0.00
LWR___OSWEGATCHIE_HYD 23850	41.89 -1.12 0.00	41.89 -0.94 0.00	39.89 -0.77 0.00	39.13 -0.76 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.19 -0.77 0.00	42.45 -0.78 0.00	41.24 -0.63 0.00	43.70 -0.67 0.00	42.36 -0.73 0.00	43.84 -0.80 0.00	42.41 -0.73 0.00	42.32 -0.69 0.00	42.27 -0.77 0.00	43.44 -0.84 -0.03	46.39 -0.90 -0.07	48.45 -0.88 -0.18	42.48 -0.95 -0.16	42.49 -0.86 -0.13	42.06 -1.03 0.00	40.98 -0.96 0.00	39.53 -1.01 0.00	39.19 -1.05 0.00

LYONS_FALL_HYD 23570	43.56 0.56 0.00	43.31 0.47 0.00	41.15 0.49 0.00	40.37 0.48 0.00	40.45 0.48 0.00	41.54 0.61 0.00	43.69 0.73 0.00	44.09 0.86 0.00	42.74 0.88 0.00	45.29 0.93 0.00	44.00 0.91 0.00	45.67 1.03 0.00	44.05 0.91 0.00	43.87 0.86 0.00	43.91 0.86 0.00	45.18 0.88 -0.04	48.34 1.04 -0.09	50.42 1.03 -0.23	44.26 0.78 -0.21	44.17 0.78 -0.17	43.62 0.52 0.00	42.36 0.42 0.00	40.83 0.29 0.00	40.48 0.24 0.00
MADISON___COUNTY_LFGE 323628	44.04 1.03 0.00	43.78 0.94 0.00	41.56 0.89 0.00	40.76 0.88 0.00	40.85 0.88 0.00	41.94 1.02 0.00	44.12 1.16 0.00	44.43 1.21 0.00	43.08 1.21 0.00	45.69 1.33 0.00	44.43 1.34 0.00	46.08 1.43 0.00	44.48 1.34 0.00	44.25 1.25 0.00	44.34 1.29 0.00	45.65 1.33 -0.08	48.92 1.56 -0.15	51.02 1.47 -0.39	44.84 1.21 -0.36	44.67 1.17 -0.28	44.05 0.95 -0.01	42.74 0.80 0.00	41.24 0.69 0.00	40.92 0.68 0.00
MALONE___115KV_TB1 356076	42.88 -0.13 0.00	43.44 0.60 0.00	41.68 1.02 0.00	41.04 1.16 0.00	41.29 1.32 0.00	41.94 1.02 0.00	43.74 0.77 0.00	43.92 0.69 0.00	42.62 0.75 0.00	45.11 0.75 0.00	43.74 0.65 0.00	45.27 0.63 0.00	43.83 0.69 0.00	43.78 0.77 0.00	43.52 0.47 0.00	44.60 0.35 0.00	47.54 0.33 0.00	49.60 0.44 0.00	43.40 0.13 0.00	43.48 0.26 0.00	43.31 0.22 0.00	42.24 0.29 0.00	40.75 0.20 0.00	40.55 0.32 0.00
MAPLEWOD_115KV_TB3 80458	44.94 1.94 0.00	44.59 1.76 0.00	42.25 1.59 0.00	41.40 1.52 0.00	41.53 1.56 0.00	42.52 1.60 0.00	44.73 1.76 0.00	45.04 1.82 0.00	43.41 1.55 0.00	46.14 1.77 0.00	44.91 1.81 0.00	46.61 1.96 0.00	44.91 1.77 0.00	44.68 1.68 0.00	44.73 1.68 0.00	47.74 1.90 -1.59	52.45 2.08 -3.16	59.42 2.16 -8.10	52.63 1.90 -7.46	50.97 1.86 -5.89	45.06 1.85 -0.11	43.58 1.64 0.00	42.21 1.66 0.00	41.80 1.57 0.00
MAPLE_RIDGE_WT_1 323574	42.75 -0.26 0.00	42.75 -0.09 0.00	40.62 -0.04 0.00	39.89 0.00 0.00	39.97 0.00 0.00	40.92 0.00 0.00	42.88 -0.09 0.00	42.97 -0.26 0.00	41.61 -0.25 0.00	44.18 -0.18 0.00	42.84 -0.26 0.00	44.34 -0.31 0.00	42.84 -0.30 0.00	42.71 -0.30 0.00	42.70 -0.35 0.00	43.76 -0.49 0.00	46.55 -0.66 0.00	48.37 -0.79 0.00	42.44 -0.82 0.00	42.31 -0.91 0.00	42.19 -0.91 0.00	41.15 -0.80 0.00	39.90 -0.65 0.00	39.67 -0.56 0.00
MAPLE_RIDGE_WT_2 323611	42.75 -0.26 0.00	42.75 -0.09 0.00	40.62 -0.04 0.00	39.89 0.00 0.00	39.97 0.00 0.00	40.92 0.00 0.00	42.88 -0.09 0.00	42.97 -0.26 0.00	41.61 -0.25 0.00	44.18 -0.18 0.00	42.84 -0.26 0.00	44.34 -0.31 0.00	42.84 -0.30 0.00	42.71 -0.30 0.00	42.70 -0.35 0.00	43.76 -0.49 0.00	46.55 -0.66 0.00	48.37 -0.79 0.00	42.44 -0.82 0.00	42.31 -0.91 0.00	42.19 -0.91 0.00	41.15 -0.80 0.00	39.90 -0.65 0.00	39.67 -0.56 0.00
MARBLE_RIVER_WT_PWR 323696	42.79 -0.21 0.00	43.43 0.60 0.00	41.68 1.02 0.00	41.08 1.20 0.00	41.37 1.40 0.00	41.90 0.98 0.00	43.56 0.60 0.00	43.35 0.13 0.00	41.86 0.00 0.00	44.71 0.35 0.00	43.48 0.39 0.00	45.00 0.36 0.00	43.57 0.43 0.00	43.48 0.47 0.00	43.27 0.22 0.00	44.29 0.04 0.00	47.17 -0.05 0.00	49.16 0.00 0.00	43.05 -0.22 0.00	43.05 -0.17 0.00	42.97 -0.13 0.00	41.90 -0.04 0.00	40.47 -0.08 0.00	40.27 0.04 0.00
MARSHVLE_115KV_TB1 80742	47.01 4.00 0.00	46.73 3.90 0.00	44.32 3.66 0.00	43.44 3.55 0.00	43.49 3.52 0.00	44.65 3.72 0.00	47.05 4.08 0.00	47.37 4.15 0.00	46.01 4.14 0.00	48.97 4.61 0.00	47.49 4.40 0.00	49.38 4.73 0.00	47.45 4.31 0.00	47.18 4.17 0.00	47.22 4.18 0.00	50.35 4.25 -1.86	55.87 4.96 -3.69	63.80 5.16 -9.48	56.44 4.46 -8.72	54.48 4.37 -6.89	47.49 4.27 -0.13	46.05 4.11 0.00	44.36 3.81 0.00	43.89 3.66 0.00
MARSH_HILL_WT_PWR 323713	42.75 -0.26 0.00	42.37 -0.47 0.00	40.38 -0.28 0.00	39.57 -0.32 0.00	39.61 -0.36 0.00	40.68 -0.24 0.00	42.53 -0.43 0.00	42.92 -0.30 0.00	41.57 -0.29 0.00	42.90 -1.46 0.00	41.93 -1.16 0.00	43.44 -1.20 0.00	42.02 -1.12 0.00	41.63 -1.38 0.00	41.97 -1.07 0.00	42.93 -1.59 -0.27	47.00 -0.76 -0.54	48.92 -1.62 -1.38	43.42 -1.13 -1.27	43.07 -1.17 -1.01	42.04 -1.08 -0.02	40.98 -0.96 0.00	39.37 -1.18 0.00	39.63 -0.60 0.00
MCINTYRE_115KV_TB2 80467	42.75 -0.26 0.00	42.92 0.09 0.00	40.90 0.24 0.00	40.16 0.28 0.00	40.33 0.36 0.00	41.25 0.33 0.00	43.14 0.17 0.00	43.44 0.22 0.00	42.24 0.38 0.00	44.63 0.27 0.00	43.14 0.04 0.00	44.65 0.00 0.00	43.18 0.04 0.00	43.22 0.22 0.00	43.14 0.09 0.00	44.11 -0.13 0.00	47.03 -0.19 0.00	49.06 -0.10 0.00	42.92 -0.35 0.00	43.05 -0.17 0.00	42.92 -0.17 0.00	41.94 0.00 0.00	40.51 -0.04 0.00	40.19 -0.04 0.00
MECO_____69_KV_BK1 80468	49.03 6.02 0.00	48.75 5.91 0.00	46.15 5.49 0.00	45.23 5.34 0.00	45.25 5.28 0.00	46.49 5.57 0.00	48.94 5.97 0.00	49.32 6.09 0.00	47.93 6.07 0.00	51.15 6.79 0.00	49.60 6.51 0.00	51.75 7.10 0.00	49.61 6.47 0.00	49.37 6.36 0.00	49.33 6.29 0.00	52.63 6.59 -1.79	58.37 7.60 -3.55	66.09 7.82 -9.12	58.36 6.71 -8.39	56.51 6.66 -6.63	49.82 6.59 -0.13	48.07 6.12 0.00	46.30 5.76 0.00	45.74 5.51 0.00
MENANDS___115KV_TB5 355628	44.73 1.72 0.00	44.38 1.54 0.00	42.04 1.38 0.00	41.24 1.36 0.00	41.33 1.36 0.00	42.31 1.39 0.00	44.55 1.59 0.00	44.87 1.64 0.00	43.20 1.34 0.00	45.87 1.51 0.00	44.65 1.55 0.00	46.34 1.70 0.00	44.69 1.55 0.00	44.47 1.46 0.00	44.51 1.46 0.00	47.47 1.64 -1.59	52.16 1.79 -3.15	59.06 1.82 -8.09	52.35 1.64 -7.44	50.70 1.60 -5.88	44.80 1.59 -0.11	43.33 1.38 0.00	41.97 1.42 0.00	41.60 1.37 0.00
MG INDUSTRY___DRP 24185	44.77 1.76 0.00	44.42 1.58 0.00	42.12 1.46 0.00	41.28 1.40 0.00	41.37 1.40 0.00	42.35 1.43 0.00	44.51 1.55 0.00	44.82 1.60 0.00	43.20 1.34 0.00	45.87 1.51 0.00	44.65 1.55 0.00	46.34 1.70 0.00	44.69 1.55 0.00	44.47 1.46 0.00	44.51 1.46 0.00	47.43 1.64 -1.55	52.09 1.79 -3.08	58.84 1.77 -7.91	52.10 1.56 -7.28	50.53 1.56 -5.75	44.80 1.59 -0.11	43.33 1.38 0.00	41.97 1.42 0.00	41.60 1.37 0.00
MID___OSWEGATCHIE_HYD 23849	41.89 -1.12 0.00	41.89 -0.94 0.00	39.89 -0.77 0.00	39.13 -0.76 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.19 -0.77 0.00	42.45 -0.78 0.00	41.24 -0.63 0.00	43.70 -0.67 0.00	42.36 -0.73 0.00	43.84 -0.80 0.00	42.41 -0.73 0.00	42.32 -0.69 0.00	42.27 -0.77 0.00	43.44 -0.84 -0.03	46.39 -0.90 -0.07	48.45 -0.88 -0.18	42.48 -0.95 -0.16	42.49 -0.86 -0.13	42.06 -1.03 0.00	40.98 -0.96 0.00	39.53 -1.01 0.00	39.19 -1.05 0.00
MID___RAQUETTE_HYD 23851	41.63 -1.38 0.00	41.81 -1.03 0.00	39.89 -0.77 0.00	39.17 -0.72 0.00	39.33 -0.64 0.00	40.19 -0.74 0.00	42.02 -0.95 0.00	42.27 -0.95 0.00	41.11 -0.75 0.00	43.47 -0.89 0.00	42.02 -1.08 0.00	43.49 -1.16 0.00	42.06 -1.08 0.00	42.06 -0.95 0.00	41.97 -1.08 0.00	42.96 -1.28 0.00	45.75 -1.46 0.00	47.78 -1.38 0.00	41.84 -1.43 0.00	41.93 -1.30 0.00	41.80 -1.29 0.00	40.81 -1.13 0.00	39.45 -1.09 0.00	39.15 -1.09 0.00

MILLIKEN___1 23584	43.52 0.52 0.00	43.22 0.39 0.00	41.03 0.37 0.00	40.24 0.36 0.00	40.33 0.36 0.00	41.37 0.45 0.00	43.44 0.47 0.00	43.70 0.48 0.00	42.28 0.42 0.00	44.89 0.53 0.00	43.74 0.65 0.00	45.41 0.76 0.00	43.79 0.65 0.00	43.52 0.52 0.00	43.61 0.56 0.00	45.13 0.62 -0.26	48.67 0.94 -0.52	51.32 0.84 -1.32	45.27 0.78 -1.22	44.84 0.65 -0.96	43.67 0.56 -0.02	42.32 0.38 0.00	40.79 0.24 0.00	40.55 0.32 0.00
MILLIKEN___2 23585	43.52 0.52 0.00	43.22 0.39 0.00	41.03 0.37 0.00	40.24 0.36 0.00	40.33 0.36 0.00	41.37 0.45 0.00	43.44 0.47 0.00	43.70 0.48 0.00	42.28 0.42 0.00	44.89 0.53 0.00	43.74 0.65 0.00	45.41 0.76 0.00	43.79 0.65 0.00	43.52 0.52 0.00	43.61 0.56 0.00	45.13 0.62 -0.26	48.67 0.94 -0.52	51.32 0.84 -1.32	45.27 0.78 -1.22	44.84 0.65 -0.96	43.67 0.56 -0.02	42.32 0.38 0.00	40.79 0.24 0.00	40.55 0.32 0.00
MILLIKEN___DIESEL 23629	43.52 0.52 0.00	43.22 0.39 0.00	41.03 0.37 0.00	40.24 0.36 0.00	40.33 0.36 0.00	41.37 0.45 0.00	43.44 0.47 0.00	43.70 0.48 0.00	42.28 0.42 0.00	44.89 0.53 0.00	43.74 0.65 0.00	45.41 0.76 0.00	43.79 0.65 0.00	43.52 0.52 0.00	43.61 0.56 0.00	45.13 0.62 -0.26	48.67 0.94 -0.52	51.32 0.84 -1.32	45.27 0.78 -1.22	44.84 0.65 -0.96	43.67 0.56 -0.02	42.32 0.38 0.00	40.79 0.24 0.00	40.55 0.32 0.00
MILLSEAT___LFGE 323607	40.56 -2.45 0.00	40.18 -2.66 0.00	38.34 -2.32 0.00	37.57 -2.31 0.00	37.58 -2.40 0.00	38.67 -2.25 0.00	40.39 -2.58 0.00	40.80 -2.42 0.00	39.56 -2.30 0.00	40.63 -3.73 0.00	39.78 -3.32 0.00	41.30 -3.35 0.00	40.12 -3.02 0.00	39.87 -3.14 0.00	40.03 -3.01 0.00	41.33 -3.10 -0.18	44.60 -2.97 -0.36	46.63 -3.44 -0.92	41.56 -2.55 -0.85	41.25 -2.64 -0.67	40.01 -3.10 -0.01	38.67 -3.27 0.00	37.02 -3.53 0.00	37.58 -2.66 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.67 2.67 0.00	45.23 2.40 0.00	42.82 2.16 0.00	41.96 2.07 0.00	42.01 2.04 0.00	42.97 2.05 0.00	45.46 2.49 0.00	45.82 2.59 0.00	44.33 2.47 0.00	47.20 2.84 0.00	46.07 2.97 0.00	47.77 3.13 0.00	46.12 2.98 0.00	45.84 2.84 0.00	45.89 2.84 0.00	48.74 3.23 -1.27	53.13 3.40 -2.52	59.26 3.64 -6.46	52.37 3.16 -5.94	51.03 3.11 -4.70	46.33 3.15 -0.09	44.80 2.85 0.00	43.38 2.84 0.00	42.85 2.62 0.00
MILLWOOD_13_KV_LOAD 356217	45.80 2.80 0.00	45.36 2.53 0.00	42.94 2.28 0.00	42.08 2.19 0.00	42.09 2.12 0.00	43.05 2.13 0.00	45.54 2.58 0.00	45.90 2.68 0.00	44.46 2.60 0.00	47.38 3.02 0.00	46.20 3.10 0.00	47.91 3.26 0.00	46.25 3.11 0.00	45.97 2.97 0.00	46.06 3.01 0.00	48.88 3.36 -1.27	53.32 3.59 -2.52	59.40 3.79 -6.46	52.50 3.29 -5.94	51.16 3.24 -4.70	46.46 3.28 -0.09	44.92 2.98 0.00	43.47 2.92 0.00	42.93 2.70 0.00
MODEL_CITY_ENERGY 24167	39.31 -3.70 0.00	38.98 -3.86 0.00	37.20 -3.46 0.00	36.46 -3.43 0.00	36.45 -3.52 0.00	37.53 -3.40 0.00	39.10 -3.87 0.00	39.46 -3.76 0.00	38.22 -3.64 0.00	39.08 -5.28 0.00	38.23 -4.87 0.00	39.74 -4.91 0.00	38.65 -4.49 0.00	38.41 -4.60 0.00	38.57 -4.48 0.00	39.79 -4.65 -0.19	42.91 -4.68 -0.38	44.86 -5.26 -0.96	40.00 -4.15 -0.89	39.69 -4.23 -0.70	38.41 -4.70 -0.01	37.25 -4.70 0.00	35.68 -4.87 0.00	36.37 -3.86 0.00
MODERN_LFGE___ 323580	39.31 -3.70 0.00	38.98 -3.86 0.00	37.20 -3.46 0.00	36.46 -3.43 0.00	36.45 -3.52 0.00	37.53 -3.40 0.00	39.10 -3.87 0.00	39.46 -3.76 0.00	38.22 -3.64 0.00	39.08 -5.28 0.00	38.23 -4.87 0.00	39.74 -4.91 0.00	38.65 -4.49 0.00	38.41 -4.60 0.00	38.57 -4.48 0.00	39.79 -4.65 -0.19	42.91 -4.68 -0.38	44.86 -5.26 -0.96	40.00 -4.15 -0.89	39.69 -4.23 -0.70	38.41 -4.70 -0.01	37.25 -4.70 0.00	35.68 -4.87 0.00	36.37 -3.86 0.00
MOHAWK_PAPER___DRP 24187	44.94 1.94 0.00	44.59 1.76 0.00	42.25 1.59 0.00	41.40 1.52 0.00	41.53 1.56 0.00	42.52 1.60 0.00	44.73 1.76 0.00	45.04 1.82 0.00	43.41 1.55 0.00	46.14 1.77 0.00	44.91 1.81 0.00	46.61 1.96 0.00	44.91 1.77 0.00	44.68 1.68 0.00	44.73 1.68 0.00	47.74 1.90 -1.59	52.45 2.08 -3.16	59.42 2.16 -8.10	52.63 1.90 -7.46	50.97 1.86 -5.89	45.06 1.85 -0.11	43.58 1.64 0.00	42.21 1.66 0.00	41.80 1.57 0.00
MOHICAN___35_KV_115KV_LD 80490	45.54 2.54 0.00	45.19 2.36 0.00	42.90 2.24 0.00	42.04 2.15 0.00	42.17 2.20 0.00	43.09 2.17 0.00	45.37 2.41 0.00	45.56 2.33 0.00	44.21 2.34 0.00	47.16 2.79 0.00	45.85 2.76 0.00	47.73 3.08 0.00	45.90 2.76 0.00	45.54 2.54 0.00	45.55 2.50 0.00	48.57 2.70 -1.63	53.47 3.02 -3.23	60.60 3.15 -8.29	53.58 2.68 -7.63	51.93 2.68 -6.03	45.84 2.63 -0.12	44.21 2.26 0.00	42.78 2.23 0.00	42.28 2.05 0.00
MONGAUP___HYD 23641	45.28 2.28 0.00	44.89 2.06 0.00	42.49 1.83 0.00	41.64 1.75 0.00	41.69 1.72 0.00	42.68 1.76 0.00	45.03 2.06 0.00	45.56 2.33 0.00	44.12 2.26 0.00	46.53 2.17 0.00	45.16 2.07 0.00	46.79 2.14 0.00	45.08 1.94 0.00	44.85 1.85 0.00	44.99 1.94 0.00	47.72 2.30 -1.17	52.19 2.64 -2.33	58.08 2.95 -5.97	51.32 2.55 -5.50	49.99 2.42 -4.34	45.55 2.37 -0.08	44.21 2.26 0.00	42.78 2.23 0.00	42.24 2.01 0.00
MONTAUK___DIESEL 23721	55.47 5.68 -6.78	49.74 5.35 -1.55	45.62 4.96 0.00	44.75 4.87 0.00	44.69 4.72 0.00	45.51 4.58 0.00	51.60 5.54 -3.10	54.11 5.66 -5.22	59.45 5.48 -12.11	65.13 6.08 -14.69	50.33 6.34 -0.90	57.01 6.52 -5.85	51.77 6.13 -2.51	51.14 6.02 -2.11	54.00 5.98 -4.96	54.22 6.42 -3.56	67.31 6.89 -13.20	80.73 7.37 -24.20	58.33 6.36 -8.70	54.22 6.14 -4.85	49.98 6.38 -0.50	49.08 5.91 -1.22	53.49 5.76 -7.19	47.42 5.59 -1.59
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.49 -0.52 0.00	42.11 -0.73 0.00	40.13 -0.53 0.00	39.29 -0.60 0.00	39.25 -0.72 0.00	40.39 -0.53 0.00	41.93 -1.03 0.00	41.80 -1.43 0.00	40.06 -1.80 0.00	42.28 -2.08 0.00	41.33 -1.77 0.00	43.17 -1.47 0.00	41.72 -1.42 0.00	41.42 -1.59 0.00	41.50 -1.55 0.00	42.03 -2.43 -0.22	46.56 -1.09 -0.43	47.70 -2.56 -1.10	42.42 -1.86 -1.01	41.86 -2.16 -0.80	41.65 -1.47 -0.02	40.48 -1.47 0.00	38.72 -1.82 0.00	39.27 -0.97 0.00
MORTIMER_115KV_TB3 55949	40.99 -2.02 0.00	40.65 -2.18 0.00	38.71 -1.95 0.00	37.93 -1.95 0.00	37.97 -2.00 0.00	39.04 -1.88 0.00	40.73 -2.23 0.00	40.80 -2.42 0.00	39.39 -2.47 0.00	41.70 -2.66 0.00	40.77 -2.33 0.00	42.46 -2.19 0.00	40.98 -2.16 0.00	40.77 -2.24 0.00	40.81 -2.24 0.00	42.59 -1.81 -0.15	45.40 -2.12 -0.31	47.98 -1.97 -0.79	42.56 -1.43 -0.72	42.15 -1.64 -0.57	40.82 -2.28 -0.01	39.51 -2.43 0.00	37.95 -2.59 0.00	38.14 -2.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.17 3.23 0.00	43.79 3.24 0.00	43.21 2.98 0.00

MUNSVILLE_WIND_PWR 323609	46.92 3.91 0.00	46.56 3.72 0.00	44.24 3.58 0.00	43.43 3.55 0.00	43.53 3.56 0.00	44.77 3.85 0.00	47.22 4.25 0.00	47.94 4.71 0.00	46.55 4.69 0.00	49.06 4.70 0.00	47.66 4.57 0.00	49.51 4.87 0.00	47.45 4.31 0.00	46.96 3.95 0.00	47.01 3.96 0.00	48.67 4.03 -0.40	52.88 4.86 -0.80	55.92 4.72 -2.04	49.13 3.98 -1.88	48.64 3.93 -1.49	46.57 3.45 -0.03	45.05 3.10 0.00	43.22 2.68 0.00	42.93 2.70 0.00
N SALMON___HYD 24042	42.88 -0.13 0.00	43.43 0.60 0.00	41.68 1.02 0.00	41.04 1.16 0.00	41.29 1.32 0.00	41.95 1.02 0.00	43.65 0.69 0.00	43.49 0.26 0.00	42.12 0.25 0.00	45.03 0.67 0.00	43.74 0.65 0.00	45.27 0.62 0.00	43.83 0.69 0.00	43.78 0.77 0.00	43.48 0.43 0.00	44.60 0.35 0.00	47.55 0.33 0.00	49.60 0.44 0.00	43.40 0.13 0.00	43.44 0.22 0.00	43.31 0.22 0.00	42.24 0.30 0.00	40.75 0.20 0.00	40.55 0.32 0.00
N.AKRON__115KV_KNAPP 355671	40.56 -2.45 0.00	40.18 -2.66 0.00	38.34 -2.32 0.00	37.57 -2.31 0.00	37.57 -2.40 0.00	38.67 -2.25 0.00	40.13 -2.84 0.00	39.98 -3.24 0.00	38.47 -3.39 0.00	40.63 -3.73 0.00	39.73 -3.36 0.00	41.52 -3.13 0.00	40.12 -3.02 0.00	39.82 -3.18 0.00	39.91 -3.14 0.00	41.29 -3.14 -0.18	44.55 -3.02 -0.36	46.59 -3.49 -0.92	41.52 -2.60 -0.85	41.00 -2.90 -0.67	39.88 -3.23 -0.01	38.63 -3.31 0.00	36.98 -3.57 0.00	37.54 -2.70 0.00
N.BELMOR_69_KV_BK1 55787	53.49 3.70 -6.78	47.82 3.43 -1.55	43.75 3.09 0.00	42.88 2.99 0.00	42.85 2.88 0.00	43.75 2.82 0.00	49.59 3.52 -3.10	52.08 3.63 -5.22	57.44 3.47 -12.11	63.00 3.95 -14.69	48.09 4.09 -0.90	49.44 4.29 -0.51	49.24 4.10 -2.00	49.00 4.00 -1.99	49.01 4.00 -1.96	49.90 4.38 -1.28	54.38 4.63 -2.54	60.58 4.92 -6.51	53.50 4.24 -5.99	52.10 4.15 -4.73	47.82 4.27 -0.46	46.94 3.90 -1.10	46.41 3.85 -2.01	45.40 3.62 -1.55
N.E_GEN_SANDY PD 24062	45.33 2.32 0.00	44.98 2.14 0.00	42.61 1.95 0.00	41.80 1.91 0.00	41.90 1.92 -0.01	47.04 1.96 -4.15	50.52 2.32 -5.24	53.70 2.59 -7.88	53.00 2.47 -8.67	47.46 2.53 -0.57	45.70 2.50 -0.11	47.28 2.63 0.00	45.60 2.46 -0.59	45.96 2.36 -2.50	47.96 2.41 -4.59	51.49 2.65 -6.55	56.64 2.88 -15.29	67.40 2.95 -13.09	59.00 2.64 -10.78	56.60 2.59 -7.92	53.60 2.59 -5.41	49.70 2.35 -4.05	46.95 2.35 -2.56	45.00 2.21 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.54 2.54 0.00	45.11 2.27 0.00	42.69 2.03 0.00	41.84 1.95 0.00	41.89 1.92 0.00	42.85 1.92 0.00	45.33 2.36 0.00	45.65 2.42 0.00	44.08 2.22 0.00	46.93 2.57 0.00	45.77 2.67 0.00	47.46 2.81 0.00	45.81 2.67 0.00	45.54 2.54 0.00	45.59 2.54 0.00	48.40 2.92 -1.23	52.78 3.12 -2.45	58.79 3.34 -6.29	51.95 2.90 -5.79	50.60 2.81 -4.57	46.03 2.84 -0.09	44.59 2.64 0.00	43.22 2.68 0.00	42.69 2.45 0.00
N.QUEENS_27_KV_LOAD 356247	46.33 3.31 -0.01	45.93 3.08 -0.01	43.47 2.81 -0.01	42.65 2.75 -0.01	42.66 2.68 -0.01	43.66 2.74 0.00	45.93 2.96 0.00	45.99 2.77 0.00	44.67 2.80 0.00	47.73 3.37 0.00	46.72 3.62 0.00	48.35 3.71 0.00	46.76 3.62 0.00	46.45 3.44 0.00	46.54 3.49 0.00	49.37 3.85 -1.28	53.86 4.11 -2.54	60.05 4.38 -6.52	53.07 3.81 -5.99	51.72 3.76 -4.73	46.89 3.71 -0.09	45.43 3.48 -0.01	44.00 3.45 -0.01	43.58 3.34 -0.01
N.TROY___115KV_TB1 355778	45.03 2.02 0.00	44.72 1.88 0.00	42.37 1.71 0.00	41.56 1.68 0.00	41.65 1.68 0.00	42.64 1.72 0.00	44.90 1.93 0.00	45.21 1.99 0.00	43.71 1.84 0.00	46.45 2.08 0.00	45.21 2.11 0.00	46.92 2.28 0.00	45.25 2.11 0.00	44.98 1.98 0.00	45.03 1.98 0.00	48.01 2.17 -1.60	52.80 2.41 -3.18	59.82 2.51 -8.15	52.98 2.21 -7.50	51.31 2.16 -5.93	45.36 2.15 -0.11	43.87 1.93 0.00	42.45 1.91 0.00	42.04 1.81 0.00
NARROWS_GT1_1 24228	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT1_2 24229	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT1_3 24230	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT1_4 24231	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT1_5 24232	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT1_6 24233	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT1_7 24234	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01

NARROWS_GT1_8 24235	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT2_1 24236	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT2_2 24237	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT2_3 24238	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT2_4 24239	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT2_5 24240	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT2_6 24241	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT2_7 24242	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NARROWS_GT2_8 24243	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	45.76 2.75 0.00	45.36 2.53 0.00	42.94 2.28 0.00	42.12 2.23 0.00	42.21 2.24 0.00	43.21 2.29 0.00	45.33 2.36 0.00	45.65 2.42 0.00	43.91 2.05 0.00	46.62 2.26 0.00	45.25 2.15 0.00	47.01 2.37 0.00	45.17 2.03 0.00	44.81 1.81 0.00	44.94 1.89 0.00	47.60 1.86 -1.49	52.73 2.55 -2.97	59.09 2.31 -7.62	52.31 2.03 -7.01	50.67 1.90 -5.54	45.40 2.20 -0.11	43.79 1.85 0.00	42.37 1.82 0.00	42.08 1.85 0.00
NCHELSEA_115KV_TR2 355582	45.97 2.97 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.25 2.28 0.00	43.25 2.33 0.00	45.67 2.71 0.00	45.99 2.77 0.00	44.50 2.64 0.00	47.42 3.06 0.00	46.20 3.10 0.00	47.86 3.21 0.00	46.20 3.06 0.00	45.89 2.88 0.00	45.98 2.93 0.00	48.81 3.27 -1.29	53.32 3.54 -2.56	59.52 3.79 -6.58	52.61 3.29 -6.05	51.20 3.20 -4.78	46.38 3.19 -0.09	44.84 2.89 0.00	43.38 2.84 0.00	42.89 2.66 0.00
NEG CAPITAL___MECHNVIL 23645	45.50 2.49 0.00	45.19 2.35 0.00	42.81 2.15 0.00	42.00 2.11 0.00	42.09 2.12 0.00	43.09 2.17 0.00	45.41 2.45 0.00	45.86 2.64 0.00	44.46 2.60 0.00	47.11 2.75 0.00	45.77 2.67 0.00	47.59 2.95 0.00	45.81 2.68 0.00	45.54 2.54 0.00	45.59 2.54 0.00	48.61 2.74 -1.62	53.45 3.02 -3.21	60.55 3.15 -8.25	53.58 2.73 -7.59	51.94 2.72 -5.99	45.84 2.63 -0.11	44.33 2.39 0.00	42.86 2.31 0.00	42.44 2.21 0.00
NEG CENTRAL_HIGH_ACRES 23767	40.56 -2.45 0.00	40.22 -2.61 0.00	38.30 -2.36 0.00	37.53 -2.35 0.00	37.58 -2.40 0.00	38.59 -2.33 0.00	40.47 -2.49 0.00	40.93 -2.29 0.00	39.73 -2.13 0.00	41.52 -2.84 0.00	40.55 -2.54 0.00	42.10 -2.54 0.00	40.72 -2.41 0.00	40.51 -2.50 0.00	40.60 -2.45 0.00	42.19 -2.21 -0.15	45.05 -2.46 -0.30	47.56 -2.36 -0.76	42.11 -1.86 -0.70	41.84 -1.94 -0.56	40.65 -2.45 -0.01	39.22 -2.73 0.00	37.71 -2.84 0.00	37.74 -2.49 0.00
NEG CENTRAL___DRP 24199	42.40 -0.60 0.00	42.06 -0.77 0.00	40.05 -0.61 0.00	39.25 -0.64 0.00	39.33 -0.64 0.00	40.35 -0.57 0.00	42.23 -0.73 0.00	42.45 -0.78 0.00	41.03 -0.84 0.00	43.52 -0.84 0.00	42.45 -0.65 0.00	44.16 -0.49 0.00	42.58 -0.56 0.00	42.32 -0.69 0.00	42.40 -0.65 0.00	43.79 -0.62 -0.17	47.17 -0.38 -0.33	49.47 -0.54 -0.85	43.70 -0.35 -0.78	43.37 -0.48 -0.62	42.46 -0.65 -0.01	41.15 -0.80 0.00	39.74 -0.81 0.00	39.51 -0.72 0.00
NEG CENTRAL___INDECK 23768	42.92 -0.09 0.00	42.49 -0.34 0.00	40.46 -0.20 0.00	39.69 -0.20 0.00	39.73 -0.24 0.00	40.84 -0.08 0.00	42.79 -0.17 0.00	43.35 0.13 0.00	42.03 0.17 0.00	43.52 -0.84 0.00	42.45 -0.65 0.00	44.06 -0.58 0.00	42.49 -0.65 0.00	42.23 -0.77 0.00	42.58 -0.47 0.00	44.03 -0.44 -0.22	47.75 0.09 -0.44	50.14 -0.15 -1.13	44.53 0.22 -1.04	44.18 0.13 -0.82	42.90 -0.21 -0.02	41.40 -0.55 0.00	39.69 -0.85 0.00	39.87 -0.36 0.00

NEG CENTRAL___SENECA 23627	42.49 -0.52 0.00	42.15 -0.69 0.00	40.21 -0.45 0.00	39.41 -0.48 0.00	39.45 -0.52 0.00	40.51 -0.41 0.00	42.32 -0.64 0.00	42.45 -0.78 0.00	41.03 -0.84 0.00	43.47 -0.89 0.00	42.45 -0.65 0.00	44.16 -0.49 0.00	42.62 -0.52 0.00	42.36 -0.65 0.00	42.45 -0.60 0.00	43.77 -0.66 -0.19	47.30 -0.28 -0.37	49.56 -0.54 -0.95	43.83 -0.30 -0.87	43.48 -0.43 -0.69	42.51 -0.60 -0.01	41.19 -0.75 0.00	39.78 -0.77 0.00	39.59 -0.64 0.00
NEG CENTRAL___STATE_STREET 24147	42.62 -0.39 0.00	42.32 -0.51 0.00	40.21 -0.45 0.00	39.41 -0.48 0.00	39.45 -0.52 0.00	40.51 -0.41 0.00	42.49 -0.47 0.00	42.75 -0.48 0.00	41.40 -0.46 0.00	43.96 -0.40 0.00	42.88 -0.22 0.00	44.51 -0.13 0.00	42.92 -0.22 0.00	42.71 -0.30 0.00	42.75 -0.30 0.00	44.19 -0.22 -0.16	47.49 -0.05 -0.32	49.89 -0.10 -0.83	44.03 0.00 -0.77	43.70 -0.13 -0.60	42.81 -0.30 -0.01	41.48 -0.46 0.00	39.98 -0.57 0.00	39.75 -0.48 0.00
NEG MILLWOOD___DRP 24198	46.27 3.27 0.00	45.79 2.96 0.00	43.30 2.64 0.00	42.48 2.59 0.00	42.41 2.44 0.00	43.42 2.50 0.00	45.93 2.96 0.00	46.29 3.07 0.00	44.88 3.01 0.00	47.87 3.50 0.00	46.67 3.58 0.00	48.35 3.71 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.30 3.76 -1.30	53.81 4.01 -2.58	60.00 4.23 -6.61	53.03 3.68 -6.09	51.66 3.63 -4.81	46.81 3.62 -0.09	45.26 3.31 0.00	43.71 3.16 0.00	43.17 2.94 0.00
NEG NORTH_FLCN_SEA 23793	43.39 0.39 0.00	44.03 1.20 0.00	42.29 1.63 0.00	41.68 1.79 0.00	42.01 2.04 0.00	42.27 1.35 0.00	44.04 1.07 0.00	44.13 0.91 0.00	42.78 0.92 0.00	45.25 0.89 0.00	43.92 0.82 0.00	45.45 0.80 0.00	44.00 0.86 0.00	43.91 0.90 0.00	43.69 0.65 0.00	44.73 0.49 0.00	47.64 0.42 0.00	49.70 0.54 0.00	43.48 0.22 0.00	43.53 0.30 0.00	43.40 0.30 0.00	42.32 0.38 0.00	40.87 0.32 0.00	40.67 0.44 0.00
NEG NORTH_KES_CHATEGAY 23792	42.88 -0.13 0.00	43.48 0.64 0.00	41.76 1.10 0.00	41.16 1.28 0.00	41.41 1.44 0.00	41.99 1.06 0.00	43.78 0.82 0.00	43.87 0.65 0.00	42.49 0.63 0.00	44.89 0.53 0.00	43.57 0.47 0.00	45.09 0.45 0.00	43.66 0.52 0.00	43.57 0.56 0.00	43.39 0.34 0.00	44.42 0.18 0.00	47.31 0.09 0.00	49.35 0.20 0.00	43.22 -0.04 0.00	43.27 0.04 0.00	43.18 0.09 0.00	42.11 0.17 0.00	40.67 0.12 0.00	40.47 0.24 0.00
NEG NORTH___ALICE_FALLS 23915	43.44 0.43 0.00	44.08 1.24 0.00	42.37 1.71 0.00	41.76 1.87 0.00	42.05 2.08 0.00	42.48 1.56 0.00	44.25 1.29 0.00	44.39 1.17 0.00	42.99 1.13 0.00	45.51 1.15 0.00	44.17 1.08 0.00	45.76 1.12 0.00	44.26 1.12 0.00	44.17 1.16 0.00	43.91 0.86 0.00	45.00 0.75 0.00	47.97 0.76 0.00	50.04 0.88 0.00	43.79 0.52 0.00	43.83 0.61 0.00	43.70 0.60 0.00	42.53 0.59 0.00	41.07 0.53 0.00	40.88 0.64 0.00
NEG NORTH___LWR_SARANAC 23913	43.44 0.43 0.00	44.08 1.24 0.00	42.37 1.71 0.00	41.76 1.87 0.00	42.05 2.08 0.00	42.48 1.56 0.00	44.25 1.29 0.00	44.39 1.17 0.00	42.99 1.13 0.00	45.51 1.15 0.00	44.17 1.08 0.00	45.76 1.12 0.00	44.26 1.12 0.00	44.17 1.16 0.00	43.91 0.86 0.00	45.00 0.75 0.00	47.97 0.76 0.00	50.04 0.88 0.00	43.79 0.52 0.00	43.83 0.61 0.00	43.70 0.60 0.00	42.53 0.59 0.00	41.07 0.53 0.00	40.88 0.64 0.00
NEG NORTH___PLATTSBURG 23628	43.44 0.43 0.00	44.08 1.24 0.00	42.37 1.71 0.00	41.76 1.88 0.00	42.05 2.08 0.00	42.48 1.55 0.00	44.16 1.20 0.00	43.96 0.73 0.00	42.49 0.63 0.00	45.42 1.06 0.00	44.17 1.08 0.00	45.76 1.12 0.00	44.26 1.12 0.00	44.17 1.16 0.00	43.87 0.82 0.00	45.00 0.75 0.00	47.97 0.75 0.00	50.04 0.89 0.00	43.79 0.52 0.00	43.78 0.56 0.00	43.66 0.56 0.00	42.53 0.59 0.00	41.07 0.53 0.00	40.87 0.64 0.00
NEG WEST_LEA_LOCKPORT 23791	39.82 -3.18 0.00	39.45 -3.38 0.00	37.69 -2.97 0.00	36.89 -2.99 0.00	36.93 -3.04 0.00	37.98 -2.95 0.00	39.35 -3.61 0.00	39.12 -4.11 0.00	37.55 -4.31 0.00	39.61 -4.75 0.00	38.74 -4.35 0.00	40.54 -4.11 0.00	39.17 -3.97 0.00	38.88 -4.13 0.00	38.96 -4.09 0.00	40.23 -4.20 -0.19	43.48 -4.11 -0.37	45.39 -4.72 -0.95	40.47 -3.68 -0.88	39.94 -3.98 -0.69	38.89 -4.22 -0.01	37.75 -4.19 0.00	36.17 -4.38 0.00	36.85 -3.38 0.00
NEG WEST___LANCASTR 23811	41.80 -1.20 0.00	41.46 -1.37 0.00	39.56 -1.10 0.00	38.77 -1.12 0.00	38.77 -1.20 0.00	39.86 -1.06 0.00	41.50 -1.46 0.00	41.37 -1.86 0.00	39.64 -2.22 0.00	41.79 -2.57 0.00	40.86 -2.24 0.00	42.68 -1.96 0.00	41.24 -1.90 0.00	40.94 -2.06 0.00	41.03 -2.02 0.00	39.77 -4.69 -0.21	45.85 -1.79 -0.43	45.19 -5.06 -1.10	40.12 -4.15 -1.01	39.57 -4.45 -0.80	41.00 -2.11 -0.02	39.85 -2.10 0.00	38.15 -2.39 0.00	38.74 -1.49 0.00
NEG_PENN_ALLEGHNY 23528	43.14 0.13 0.00	42.84 0.00 0.00	40.66 0.00 0.00	39.89 0.00 0.00	39.93 -0.04 0.00	40.92 0.00 0.00	43.05 0.09 0.00	43.53 0.30 0.00	42.20 0.33 0.00	44.27 -0.09 0.00	43.14 0.04 0.00	44.83 0.18 0.00	43.27 0.13 0.00	43.01 0.00 0.00	43.14 0.09 0.00	44.53 -0.13 -0.42	48.38 0.33 -0.83	51.23 -0.05 -2.12	45.27 0.04 -1.95	44.68 -0.09 -1.54	43.04 -0.09 -0.03	41.86 -0.08 0.00	40.34 -0.20 0.00	40.19 -0.04 0.00
NEG___GEN_MONROE 24207	40.90 -2.11 0.00	40.57 -2.27 0.00	38.71 -1.95 0.00	37.89 -1.99 0.00	37.93 -2.04 0.00	39.12 -1.80 0.00	40.73 -2.23 0.00	40.72 -2.51 0.00	39.35 -2.51 0.00	41.74 -2.62 0.00	40.77 -2.33 0.00	42.55 -2.10 0.00	41.03 -2.11 0.00	40.77 -2.24 0.00	40.77 -2.28 0.00	42.46 -1.95 -0.16	45.35 -2.17 -0.31	47.79 -2.16 -0.79	42.48 -1.51 -0.73	41.99 -1.82 -0.58	40.65 -2.46 -0.01	39.39 -2.56 0.00	37.79 -2.76 0.00	38.10 -2.13 0.00
NEPA___ENERGY 23901	41.24 -1.76 0.00	40.91 -1.93 0.00	39.03 -1.63 0.00	38.25 -1.64 0.00	38.25 -1.72 0.00	39.33 -1.60 0.00	40.94 -2.02 0.00	40.85 -2.38 0.00	39.10 -2.76 0.00	41.21 -3.15 0.00	40.30 -2.80 0.00	42.06 -2.59 0.00	40.68 -2.46 0.00	40.38 -2.62 0.00	40.47 -2.58 0.00	40.97 -3.50 -0.22	45.24 -2.41 -0.44	46.59 -3.69 -1.12	41.31 -2.99 -1.03	40.76 -3.29 -0.82	40.48 -2.63 -0.02	39.39 -2.56 0.00	37.67 -2.88 0.00	38.22 -2.01 0.00
NEVERSINK___HYD 23608	45.72 2.71 0.00	45.28 2.44 0.00	42.81 2.15 0.00	42.00 2.11 0.00	42.01 2.04 0.00	43.01 2.09 0.00	45.41 2.45 0.00	46.03 2.81 0.00	44.58 2.72 0.00	47.16 2.80 0.00	45.81 2.72 0.00	47.46 2.81 0.00	45.68 2.54 0.00	45.37 2.36 0.00	45.50 2.45 0.00	48.27 2.87 -1.15	52.72 3.21 -2.29	58.57 3.54 -5.88	51.70 3.03 -5.41	50.39 2.90 -4.27	46.02 2.84 -0.08	44.55 2.60 0.00	43.06 2.51 0.00	42.52 2.29 0.00
NEWKRMKL_115KV_TB1 55635	44.60 1.59 0.00	44.25 1.41 0.00	41.92 1.26 0.00	41.08 1.20 0.00	41.17 1.20 0.00	42.15 1.23 0.00	44.38 1.42 0.00	44.69 1.47 0.00	42.95 1.09 0.00	45.60 1.24 0.00	44.39 1.29 0.00	46.08 1.43 0.00	44.43 1.29 0.00	44.21 1.20 0.00	44.25 1.21 0.00	47.25 1.42 -1.59	51.92 1.56 -3.15	58.82 1.57 -8.09	52.09 1.38 -7.44	50.44 1.34 -5.88	44.54 1.34 -0.11	43.08 1.13 0.00	41.72 1.18 0.00	41.32 1.09 0.00

NEWTON___FALLS_HYD 23847	41.89 -1.12 0.00	41.89 -0.94 0.00	39.89 -0.77 0.00	39.13 -0.76 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.19 -0.77 0.00	42.45 -0.78 0.00	41.24 -0.63 0.00	43.70 -0.67 0.00	42.36 -0.73 0.00	43.84 -0.80 0.00	42.41 -0.73 0.00	42.32 -0.69 0.00	42.27 -0.77 0.00	43.44 -0.84 -0.03	46.39 -0.90 -0.07	48.45 -0.88 -0.18	42.48 -0.95 -0.16	42.49 -0.86 -0.13	42.06 -1.03 0.00	40.98 -0.96 0.00	39.53 -1.01 0.00	39.19 -1.05 0.00
NGRID_A1_DSASP 323792	38.84 -4.17 0.00	38.51 -4.32 0.00	36.76 -3.90 0.00	36.02 -3.87 0.00	36.01 -3.96 0.00	37.07 -3.85 0.00	38.63 -4.34 0.00	38.94 -4.28 0.00	37.72 -4.15 0.00	38.55 -5.81 0.00	37.71 -5.39 0.00	39.20 -5.45 0.00	38.18 -4.96 0.00	37.89 -5.12 0.00	38.06 -4.99 0.00	39.39 -5.05 -0.19	42.30 -5.29 -0.38	44.43 -5.70 -0.97	39.62 -4.54 -0.89	39.30 -4.62 -0.70	37.94 -5.17 -0.01	36.74 -5.20 0.00	35.24 -5.31 0.00	35.93 -4.30 0.00
NGRID_A2_DSASP 323793	38.84 -4.17 0.00	38.51 -4.32 0.00	36.76 -3.90 0.00	36.02 -3.87 0.00	36.01 -3.96 0.00	37.07 -3.85 0.00	38.63 -4.34 0.00	38.94 -4.28 0.00	37.72 -4.15 0.00	38.55 -5.81 0.00	37.71 -5.39 0.00	39.20 -5.45 0.00	38.18 -4.96 0.00	37.89 -5.12 0.00	38.06 -4.99 0.00	39.39 -5.05 -0.19	42.30 -5.29 -0.38	44.43 -5.70 -0.97	39.62 -4.54 -0.89	39.30 -4.62 -0.70	37.94 -5.17 -0.01	36.74 -5.20 0.00	35.24 -5.31 0.00	35.93 -4.30 0.00
NGRID_A4_DSASP 323807	38.84 -4.17 0.00	38.51 -4.32 0.00	36.76 -3.90 0.00	36.02 -3.87 0.00	36.01 -3.96 0.00	37.07 -3.85 0.00	38.63 -4.34 0.00	38.94 -4.28 0.00	37.72 -4.15 0.00	38.55 -5.81 0.00	37.71 -5.39 0.00	39.20 -5.45 0.00	38.18 -4.96 0.00	37.89 -5.12 0.00	38.06 -4.99 0.00	39.39 -5.05 -0.19	42.30 -5.29 -0.38	44.43 -5.70 -0.97	39.62 -4.54 -0.89	39.30 -4.62 -0.70	37.94 -5.17 -0.01	36.74 -5.20 0.00	35.24 -5.31 0.00	35.93 -4.30 0.00
NIAGARA_115E_LBMP 323715	39.01 -4.00 0.00	38.68 -4.15 0.00	36.96 -3.70 0.00	36.22 -3.67 0.00	36.21 -3.76 0.00	37.24 -3.68 0.00	38.84 -4.12 0.00	39.16 -4.06 0.00	37.93 -3.94 0.00	38.77 -5.59 0.00	37.92 -5.17 0.00	39.42 -5.22 0.00	38.35 -4.79 0.00	38.10 -4.90 0.00	38.27 -4.78 0.00	39.48 -4.95 -0.19	42.59 -5.01 -0.38	44.57 -5.55 -0.97	39.71 -4.46 -0.89	39.39 -4.54 -0.71	38.11 -5.00 -0.01	36.95 -4.99 0.00	35.44 -5.11 0.00	36.13 -4.10 0.00
NIAGARA_115W_LBMP 323714	38.71 -4.30 0.00	38.38 -4.46 0.00	36.68 -3.98 0.00	35.94 -3.95 0.00	35.94 -4.04 0.00	36.95 -3.97 0.00	38.54 -4.42 0.00	38.86 -4.36 0.00	37.59 -4.27 0.00	38.46 -5.90 0.00	37.62 -5.47 0.00	39.11 -5.54 0.00	38.05 -5.09 0.00	37.80 -5.21 0.00	37.97 -5.08 0.00	39.26 -5.18 -0.19	42.21 -5.38 -0.38	44.32 -5.80 -0.97	39.48 -4.67 -0.89	39.17 -4.75 -0.70	37.81 -5.30 -0.01	36.66 -5.29 0.00	35.15 -5.39 0.00	35.85 -4.38 0.00
NIAGARA_230_LBMP 323716	39.35 -3.66 0.00	39.02 -3.81 0.00	37.29 -3.37 0.00	36.50 -3.39 0.00	36.53 -3.44 0.00	37.57 -3.35 0.00	39.18 -3.78 0.00	39.51 -3.72 0.00	38.26 -3.60 0.00	39.13 -5.24 0.00	38.27 -4.83 0.00	39.78 -4.87 0.00	38.74 -4.40 0.00	38.45 -4.56 0.00	38.62 -4.43 0.00	39.92 -4.51 -0.19	42.91 -4.68 -0.37	45.00 -5.11 -0.96	40.12 -4.02 -0.88	39.77 -4.15 -0.69	38.45 -4.66 -0.01	37.33 -4.61 0.00	35.76 -4.78 0.00	36.45 -3.78 0.00
NIAGARA___115KV_198_GIBSON 55903	38.75 -4.26 0.00	38.38 -4.45 0.00	36.68 -3.98 0.00	35.94 -3.95 0.00	35.94 -4.04 0.00	36.95 -3.97 0.00	38.24 -4.73 0.00	37.99 -5.23 0.00	36.46 -5.40 0.00	38.46 -5.90 0.00	37.62 -5.47 0.00	39.33 -5.31 0.00	38.05 -5.09 0.00	37.80 -5.20 0.00	37.80 -5.25 0.00	39.26 -5.18 -0.19	42.16 -5.43 -0.38	44.32 -5.80 -0.97	39.48 -4.67 -0.89	38.96 -4.97 -0.70	37.72 -5.39 -0.01	36.66 -5.28 0.00	35.15 -5.39 0.00	35.85 -4.39 0.00
NIAGARA____ 23760	39.35 -3.66 0.00	39.02 -3.81 0.00	37.29 -3.37 0.00	36.50 -3.39 0.00	36.53 -3.44 0.00	37.57 -3.35 0.00	39.18 -3.78 0.00	39.51 -3.72 0.00	38.26 -3.60 0.00	39.13 -5.24 0.00	38.27 -4.83 0.00	39.78 -4.87 0.00	38.74 -4.40 0.00	38.45 -4.56 0.00	38.62 -4.43 0.00	39.92 -4.51 -0.19	42.91 -4.68 -0.38	45.01 -5.11 -0.96	40.13 -4.02 -0.89	39.77 -4.15 -0.70	38.45 -4.66 -0.01	37.33 -4.61 0.00	35.76 -4.78 0.00	36.45 -3.78 0.00
NINE_MILE_1 23575	41.28 -1.72 0.00	41.08 -1.76 0.00	38.99 -1.67 0.00	38.21 -1.67 0.00	38.30 -1.68 0.00	39.24 -1.68 0.00	41.24 -1.72 0.00	41.58 -1.64 0.00	40.32 -1.55 0.00	42.54 -1.82 0.00	41.41 -1.68 0.00	42.95 -1.70 0.00	41.50 -1.64 0.00	41.33 -1.68 0.00	41.37 -1.68 0.00	42.69 -1.64 -0.08	45.63 -1.75 -0.16	47.74 -1.82 -0.40	42.12 -1.52 -0.37	41.96 -1.55 -0.29	41.42 -1.68 -0.01	40.18 -1.76 0.00	38.80 -1.74 0.00	38.54 -1.69 0.00
NINE_MILE_2 23744	41.28 -1.72 0.00	41.08 -1.76 0.00	38.99 -1.67 0.00	38.25 -1.64 0.00	38.30 -1.68 0.00	39.24 -1.68 0.00	41.24 -1.72 0.00	41.58 -1.64 0.00	40.32 -1.55 0.00	42.59 -1.78 0.00	41.41 -1.68 0.00	42.95 -1.70 0.00	41.50 -1.64 0.00	41.33 -1.68 0.00	41.37 -1.68 0.00	42.69 -1.64 -0.08	45.63 -1.75 -0.16	47.79 -1.77 -0.40	42.12 -1.52 -0.37	41.96 -1.55 -0.29	41.42 -1.68 -0.01	40.18 -1.76 0.00	38.80 -1.74 0.00	38.54 -1.69 0.00
NM_CAPITAL___DRP 24208	44.68 1.68 0.00	44.29 1.46 0.00	41.96 1.30 0.00	41.16 1.28 0.00	41.25 1.28 0.00	42.23 1.31 0.00	44.47 1.50 0.00	44.78 1.56 0.00	43.08 1.21 0.00	45.74 1.38 0.00	44.52 1.42 0.00	46.21 1.56 0.00	44.56 1.42 0.00	44.34 1.33 0.00	44.38 1.33 0.00	47.38 1.55 -1.58	52.06 1.70 -3.14	58.95 1.72 -8.07	52.20 1.51 -7.42	50.60 1.51 -5.86	44.72 1.51 -0.11	43.24 1.30 0.00	41.88 1.34 0.00	41.48 1.25 0.00
NM_CENTRAL___DRP 24181	42.06 -0.95 0.00	41.81 -1.03 0.00	39.68 -0.98 0.00	38.89 -1.00 0.00	38.97 -1.00 0.00	39.94 -0.98 0.00	41.93 -1.03 0.00	42.19 -1.04 0.00	40.86 -1.00 0.00	43.38 -0.98 0.00	42.28 -0.82 0.00	43.89 -0.76 0.00	42.36 -0.78 0.00	42.15 -0.86 0.00	42.19 -0.86 0.00	43.56 -0.80 -0.11	46.69 -0.76 -0.23	48.90 -0.84 -0.58	43.15 -0.65 -0.53	42.87 -0.78 -0.42	42.20 -0.91 -0.01	40.94 -1.01 0.00	39.49 -1.05 0.00	39.27 -0.97 0.00
NM_FRONTIER___DRP 24179	38.75 -4.26 0.00	38.38 -4.45 0.00	36.68 -3.98 0.00	35.94 -3.95 0.00	35.94 -4.04 0.00	36.95 -3.97 0.00	38.24 -4.73 0.00	37.99 -5.23 0.00	36.46 -5.40 0.00	38.46 -5.90 0.00	37.62 -5.47 0.00	39.33 -5.31 0.00	38.05 -5.09 0.00	37.80 -5.20 0.00	37.80 -5.25 0.00	39.26 -5.18 -0.19	42.16 -5.43 -0.38	44.32 -5.80 -0.97	39.48 -4.67 -0.89	38.96 -4.97 -0.70	37.72 -5.39 -0.01	36.66 -5.28 0.00	35.15 -5.39 0.00	35.85 -4.39 0.00
NM_ST_REGIS___HYD 24053	41.97 -1.03 0.00	42.24 -0.60 0.00	40.34 -0.33 0.00	39.65 -0.24 0.00	39.85 -0.12 0.00	40.64 -0.29 0.00	42.49 -0.47 0.00	42.66 -0.56 0.00	41.49 -0.38 0.00	43.87 -0.49 0.00	42.41 -0.69 0.00	43.89 -0.76 0.00	42.45 -0.69 0.00	42.45 -0.56 0.00	42.32 -0.73 0.00	43.32 -0.93 0.00	46.18 -1.04 0.00	48.17 -0.98 0.00	42.19 -1.08 0.00	42.27 -0.95 0.00	42.15 -0.95 0.00	41.15 -0.80 0.00	39.74 -0.81 0.00	39.43 -0.80 0.00

NORTHPORT___1 23551	53.23 3.44 -6.78	47.56 3.17 -1.55	43.63 2.97 0.00	42.80 2.91 0.00	42.69 2.72 0.00	43.54 2.62 0.00	49.50 3.44 -3.10	52.29 3.85 -5.22	57.69 3.72 -12.11	62.77 3.73 -14.69	47.62 3.62 -0.90	48.68 3.57 -0.46	48.51 3.37 -2.00	48.48 3.48 -1.99	48.25 3.27 -1.93	49.22 3.72 -1.26	53.62 3.97 -2.44	59.73 4.23 -6.34	52.82 3.59 -5.96	51.45 3.50 -4.73	47.52 3.96 -0.46	46.52 3.48 -1.10	46.01 3.44 -2.02	45.28 3.50 -1.55
NORTHPORT___2 23552	53.23 3.44 -6.78	47.56 3.17 -1.55	43.63 2.97 0.00	42.80 2.91 0.00	42.69 2.72 0.00	43.54 2.62 0.00	49.50 3.44 -3.10	52.29 3.85 -5.22	57.69 3.72 -12.11	62.77 3.73 -14.69	47.62 3.62 -0.90	48.73 3.57 -0.51	48.51 3.37 -2.00	48.48 3.48 -1.99	48.28 3.27 -1.96	49.24 3.72 -1.28	53.72 3.97 -2.54	59.89 4.23 -6.51	52.84 3.59 -5.99	51.45 3.50 -4.73	47.52 3.96 -0.46	46.52 3.48 -1.10	46.01 3.44 -2.02	45.28 3.50 -1.55
NORTHPORT___3 23553	53.66 3.87 -6.78	47.99 3.60 -1.55	43.91 3.25 0.00	43.04 3.15 0.00	43.01 3.04 0.00	43.91 2.99 0.00	49.80 3.74 -3.10	52.64 4.19 -5.22	58.07 4.10 -12.11	63.31 4.26 -14.69	47.92 3.92 -0.90	49.26 4.38 -0.24	49.26 4.14 -1.98	48.73 3.74 -1.98	48.99 4.13 -1.80	49.87 4.47 -1.16	53.88 4.68 -1.99	59.73 4.96 -5.61	53.40 4.28 -5.85	52.14 4.19 -4.72	47.69 4.14 -0.46	47.27 4.23 -1.09	46.81 4.18 -2.08	45.56 3.78 -1.55
NORTHPORT___4 23650	53.66 3.87 -6.78	47.99 3.60 -1.55	43.91 3.25 0.00	43.04 3.15 0.00	43.01 3.04 0.00	43.91 2.99 0.00	49.80 3.74 -3.10	52.64 4.19 -5.22	58.07 4.10 -12.11	63.31 4.26 -14.69	47.92 3.92 -0.90	49.26 4.38 -0.24	49.26 4.14 -1.98	48.73 3.74 -1.98	48.99 4.13 -1.80	49.87 4.47 -1.16	53.88 4.68 -1.99	59.73 4.96 -5.61	53.40 4.28 -5.85	52.14 4.19 -4.72	47.69 4.14 -0.46	47.27 4.23 -1.09	46.81 4.18 -2.08	45.56 3.78 -1.55
NORTHPORT___IC 23718	53.23 3.44 -6.78	47.56 3.17 -1.55	43.63 2.97 0.00	42.80 2.91 0.00	42.69 2.72 0.00	43.54 2.62 0.00	49.50 3.44 -3.10	52.29 3.85 -5.22	57.69 3.72 -12.11	62.77 3.73 -14.69	47.62 3.62 -0.90	48.73 3.57 -0.51	48.51 3.37 -2.00	48.48 3.48 -1.99	48.28 3.27 -1.96	49.24 3.72 -1.28	53.72 3.97 -2.54	59.89 4.23 -6.51	52.84 3.59 -5.99	51.45 3.50 -4.73	47.52 3.96 -0.46	46.52 3.48 -1.10	46.01 3.44 -2.02	45.28 3.50 -1.55
NORTH___COUNTRY_ESR 323785	42.75 -0.26 0.00	43.35 0.52 0.00	41.60 0.94 0.00	41.00 1.12 0.00	41.29 1.32 0.00	41.86 0.94 0.00	43.52 0.56 0.00	43.27 0.04 0.00	41.78 -0.08 0.00	44.67 0.31 0.00	43.40 0.30 0.00	44.92 0.27 0.00	43.48 0.34 0.00	43.44 0.43 0.00	43.18 0.13 0.00	44.25 0.00 0.00	47.07 -0.14 0.00	49.11 -0.05 0.00	42.97 -0.30 0.00	43.01 -0.22 0.00	42.92 -0.17 0.00	41.90 -0.04 0.00	40.47 -0.08 0.00	40.27 0.04 0.00
NPX_GEN_1385_PROXY 323591	52.89 3.10 -6.78	47.34 2.95 -1.55	43.95 3.29 0.00	43.08 3.19 0.00	42.77 2.80 0.00	43.66 2.74 0.00	50.10 4.04 -3.10	52.51 4.06 -5.22	59.00 3.68 -13.45	60.76 3.06 -13.34	47.57 3.58 -0.90	48.64 3.48 -0.51	48.47 3.32 -2.00	48.44 3.44 -1.99	48.24 3.23 -1.96	49.46 3.94 -1.28	54.38 4.63 -2.54	60.58 4.92 -6.51	53.41 4.15 -5.99	51.85 3.89 -4.73	48.00 4.44 -0.46	46.60 3.56 -1.10	46.09 3.53 -2.02	45.24 3.46 -1.55
NPX_GEN_CSC 323557	54.01 4.22 -6.78	48.29 3.90 -1.55	44.28 3.62 0.00	43.51 3.63 0.00	43.41 3.44 0.00	44.15 3.23 0.00	50.19 4.12 -3.10	53.03 4.58 -5.22	59.80 4.48 -13.45	62.31 4.61 -13.34	48.65 4.66 -0.90	55.29 4.78 -5.86	50.05 4.40 -2.51	49.46 4.34 -2.11	52.33 4.30 -4.97	52.50 4.69 -3.56	65.50 5.05 -13.23	78.77 5.36 -24.25	56.65 4.67 -8.71	52.57 4.50 -4.85	48.34 4.74 -0.50	47.70 4.53 -1.22	52.17 4.42 -7.20	46.17 4.35 -1.59
NSINS_S_GLNS_FALLS 23858	45.46 2.45 0.00	45.11 2.27 0.00	42.82 2.16 0.00	41.96 2.07 0.00	42.09 2.12 0.00	43.01 2.09 0.00	45.28 2.32 0.00	45.43 2.20 0.00	44.08 2.22 0.00	47.11 2.75 0.00	45.77 2.67 0.00	47.64 2.99 0.00	45.81 2.67 0.00	45.46 2.45 0.00	45.46 2.41 0.00	48.48 2.61 -1.63	53.38 2.93 -3.23	60.50 3.05 -8.30	53.50 2.60 -7.64	51.81 2.55 -6.03	45.71 2.50 -0.12	44.12 2.18 0.00	42.70 2.15 0.00	42.20 1.97 0.00
NUCOR_STEEL___DRP 24197	42.62 -0.39 0.00	42.36 -0.47 0.00	40.21 -0.45 0.00	39.41 -0.48 0.00	39.49 -0.48 0.00	40.51 -0.41 0.00	42.49 -0.47 0.00	42.75 -0.48 0.00	41.36 -0.50 0.00	43.92 -0.44 0.00	42.84 -0.26 0.00	44.51 -0.13 0.00	42.92 -0.22 0.00	42.71 -0.30 0.00	42.75 -0.30 0.00	44.18 -0.22 -0.16	47.43 -0.09 -0.31	49.81 -0.15 -0.80	43.96 -0.04 -0.73	43.63 -0.17 -0.58	42.76 -0.34 -0.01	41.48 -0.46 0.00	40.02 -0.53 0.00	39.75 -0.48 0.00
NUMBER_THREE_WT_PWR 323818	43.09 0.09 0.00	42.88 0.04 0.00	40.74 0.08 0.00	40.01 0.12 0.00	40.09 0.12 0.00	41.13 0.21 0.00	43.27 0.30 0.00	43.61 0.39 0.00	42.32 0.46 0.00	44.90 0.53 0.00	43.57 0.47 0.00	45.18 0.54 0.00	43.66 0.52 0.00	43.48 0.47 0.00	43.48 0.43 0.00	44.74 0.44 -0.05	47.92 0.61 -0.09	50.04 0.64 -0.24	43.88 0.39 -0.22	43.79 0.39 -0.18	43.23 0.13 0.00	41.99 0.04 0.00	40.43 -0.12 0.00	40.07 -0.16 0.00
NYISO_LBMP_REFERENCE 24008	43.01 0.00 0.00	42.84 0.00 0.00	40.66 0.00 0.00	39.89 0.00 0.00	39.97 0.00 0.00	40.92 0.00 0.00	42.96 0.00 0.00	43.22 0.00 0.00	41.86 0.00 0.00	44.36 0.00 0.00	43.10 0.00 0.00	44.65 0.00 0.00	43.14 0.00 0.00	43.01 0.00 0.00	43.05 0.00 0.00	44.25 0.00 0.00	47.21 0.00 0.00	49.16 0.00 0.00	43.27 0.00 0.00	43.22 0.00 0.00	43.10 0.00 0.00	41.94 0.00 0.00	40.55 0.00 0.00	40.23 0.00 0.00
NYPA_BRENTWD___GT 24164	54.05 4.26 -6.78	48.37 3.98 -1.55	44.32 3.66 0.00	43.43 3.55 0.00	43.37 3.40 0.00	44.20 3.27 0.00	50.23 4.17 -3.10	53.03 4.58 -5.22	58.40 4.44 -12.11	63.62 4.57 -14.69	48.52 4.52 -0.90	49.76 4.06 -1.05	49.03 3.84 -2.06	48.88 3.87 -2.00	49.05 3.74 -2.26	50.00 4.25 -1.51	55.32 4.49 -3.61	62.32 4.87 -8.29	53.64 4.11 -6.26	51.94 3.97 -4.74	48.30 4.74 -0.47	46.83 3.78 -1.11	46.85 3.73 -2.58	45.73 3.95 -1.55
NYPA_GOWANUS___GT5 24156	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.56 4.57 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01
NYPA_GOWANUS___GT6 24157	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.64 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.14 3.18 0.00	46.72 3.50 0.00	45.30 3.43 0.00	48.19 3.77 -0.06	122.56 3.79 -75.67	132.96 4.02 -84.30	88.49 3.80 -41.55	75.98 3.65 -29.32	121.36 3.70 -74.61	49.74 4.16 -1.33	139.92 4.34 -88.37	101.56 4.57 -47.83	60.93 3.98 -13.68	51.99 3.97 -4.79	47.20 4.01 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01

NYPA_HARLEM__RVR__GT1 24160	46.28 3.27 -0.01	45.89 3.04 -0.01	43.43 2.77 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.89 2.92 0.00	46.37 3.15 0.01	45.00 3.14 0.01	47.77 3.42 0.01	46.58 3.49 0.01	48.30 3.66 0.01	46.62 3.49 0.01	46.36 3.36 0.01	46.44 3.40 0.01	49.32 3.81 -1.27	53.72 3.97 -2.54	59.95 4.27 -6.52	52.93 3.68 -5.99	51.63 3.67 -4.73	46.84 3.66 -0.08	45.35 3.40 -0.01	43.92 3.36 -0.01	43.50 3.26 -0.01
NYPA_HARLEM__RVR__GT2 24161	46.28 3.27 -0.01	45.89 3.04 -0.01	43.43 2.77 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.89 2.92 0.00	46.37 3.15 0.01	45.00 3.14 0.01	47.77 3.42 0.01	46.58 3.49 0.01	48.30 3.66 0.01	46.62 3.49 0.01	46.36 3.36 0.01	46.44 3.40 0.01	49.32 3.81 -1.27	53.72 3.97 -2.54	59.95 4.27 -6.52	52.93 3.68 -5.99	51.63 3.67 -4.73	46.84 3.66 -0.08	45.35 3.40 -0.01	43.92 3.36 -0.01	43.50 3.26 -0.01
NYPA_KENT____GT 24152	46.37 3.36 -0.01	45.89 3.04 -0.01	43.44 2.77 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.54 2.62 0.00	46.06 3.10 0.00	46.68 3.46 0.00	45.21 3.35 0.00	48.07 3.68 -0.03	90.17 3.75 -43.32	96.84 3.93 -48.26	70.64 3.71 -23.79	63.36 3.57 -16.79	89.38 3.62 -42.71	49.62 4.07 -1.31	103.14 4.25 -51.68	83.80 4.47 -30.17	57.56 3.90 -10.39	51.88 3.89 -4.76	47.11 3.92 -0.09	72.70 3.61 -27.15	44.18 3.57 -0.07	43.58 3.34 -0.01
NYPA_POUCH1____GT 24155	46.41 3.40 -0.01	45.89 3.04 -0.01	43.43 2.77 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.54 2.62 0.00	46.06 3.10 0.00	46.60 3.37 0.00	45.13 3.27 0.00	48.01 3.59 -0.06	122.43 3.66 -75.67	132.79 3.84 -84.30	88.31 3.62 -41.55	75.81 3.48 -29.32	121.19 3.53 -74.61	49.52 3.94 -1.33	139.74 4.16 -88.37	101.41 4.43 -47.83	60.80 3.85 -13.68	51.82 3.80 -4.79	47.07 3.88 -0.09	92.92 3.56 -47.41	44.18 3.53 -0.11	43.54 3.30 -0.01
NYPA_VERNON____GT2 24162	46.28 3.27 -0.01	45.80 2.95 -0.01	43.35 2.68 -0.01	42.49 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.97 3.01 0.00	46.60 3.37 0.00	45.17 3.31 0.00	47.96 3.59 -0.01	57.73 3.66 -10.97	60.71 3.84 -12.23	52.83 3.66 -6.03	50.74 3.48 -4.25	57.40 3.53 -10.82	49.52 3.98 -1.28	66.35 4.16 -14.98	66.04 4.37 -12.51	54.18 3.81 -7.11	51.77 3.80 -4.74	47.02 3.83 -0.09	52.31 3.48 -6.88	44.06 3.49 -0.02	43.50 3.26 -0.01
NYPA_VERNON____GT3 24163	46.28 3.27 -0.01	45.80 2.95 -0.01	43.35 2.68 -0.01	42.49 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.97 3.01 0.00	46.60 3.37 0.00	45.17 3.31 0.00	47.96 3.59 -0.01	57.73 3.66 -10.97	60.71 3.84 -12.23	52.83 3.66 -6.03	50.74 3.48 -4.25	57.40 3.53 -10.82	49.52 3.98 -1.28	66.35 4.16 -14.98	66.04 4.37 -12.51	54.18 3.81 -7.11	51.77 3.80 -4.74	47.02 3.83 -0.09	52.31 3.48 -6.88	44.06 3.49 -0.02	43.50 3.26 -0.01
NYPA__ASTORIA_CC1 323568	46.24 3.23 -0.01	45.80 2.95 -0.01	43.35 2.68 -0.01	42.48 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.93 2.96 0.00	46.55 3.33 0.00	45.13 3.27 0.00	47.91 3.55 0.00	46.72 3.62 0.00	48.44 3.79 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.53 3.49 0.00	49.46 3.94 -1.28	53.86 4.11 -2.54	60.05 4.37 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.98 3.79 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.46 3.22 -0.01
NYPA__ASTORIA_CC2 323569	46.24 3.23 -0.01	45.80 2.95 -0.01	43.35 2.68 -0.01	42.48 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.93 2.96 0.00	46.55 3.33 0.00	45.13 3.27 0.00	47.91 3.55 0.00	46.72 3.62 0.00	48.44 3.79 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.53 3.49 0.00	49.46 3.94 -1.28	53.86 4.11 -2.54	60.05 4.37 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.98 3.79 -0.09	45.43 3.48 -0.01	44.04 3.49 -0.01	43.46 3.22 -0.01
NYPA__HOLTSVILL 23794	53.70 3.91 -6.78	47.99 3.60 -1.55	44.00 3.33 0.00	43.16 3.27 0.00	43.05 3.08 0.00	43.79 2.86 0.00	49.76 3.70 -3.10	52.60 4.15 -5.22	58.03 4.06 -12.11	63.22 4.17 -14.69	48.14 4.14 -0.90	54.84 4.33 -5.87	49.75 4.10 -2.51	49.21 4.09 -2.11	52.03 4.00 -4.98	52.24 4.42 -3.57	65.18 4.72 -13.24	78.44 5.02 -24.27	56.26 4.28 -8.71	52.27 4.19 -4.85	48.08 4.48 -0.50	47.28 4.11 -1.22	51.81 4.05 -7.21	45.77 3.95 -1.59
NYPA__HELLGATE_GT1 24158	46.28 3.27 -0.01	45.89 3.04 -0.01	43.43 2.77 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.89 2.92 0.00	46.37 3.15 0.01	45.00 3.14 0.01	47.77 3.42 0.01	46.58 3.49 0.01	48.30 3.66 0.01	46.62 3.49 0.01	46.36 3.36 0.01	46.44 3.40 0.01	49.32 3.81 -1.27	53.72 3.97 -2.54	59.95 4.27 -6.52	52.93 3.68 -5.99	51.63 3.67 -4.73	46.84 3.66 -0.08	45.35 3.40 -0.01	43.92 3.36 -0.01	43.50 3.26 -0.01
NYPA__HELLGATE_GT2 24159	46.28 3.27 -0.01	45.89 3.04 -0.01	43.43 2.77 -0.01	42.57 2.67 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.89 2.92 0.00	46.37 3.15 0.01	45.00 3.14 0.01	47.77 3.42 0.01	46.58 3.49 0.01	48.30 3.66 0.01	46.62 3.49 0.01	46.36 3.36 0.01	46.44 3.40 0.01	49.32 3.81 -1.27	53.72 3.97 -2.54	59.95 4.27 -6.52	52.93 3.68 -5.99	51.63 3.67 -4.73	46.84 3.66 -0.08	45.35 3.40 -0.01	43.92 3.36 -0.01	43.50 3.26 -0.01
NYS_BARGE__HYD 23848	39.78 -3.23 0.00	39.45 -3.38 0.00	37.65 -3.01 0.00	36.89 -2.99 0.00	36.90 -3.08 0.00	37.98 -2.95 0.00	39.61 -3.35 0.00	39.98 -3.24 0.00	38.72 -3.14 0.00	39.61 -4.75 0.00	38.75 -4.35 0.00	40.27 -4.37 0.00	39.17 -3.97 0.00	38.92 -4.09 0.00	39.09 -3.96 0.00	40.27 -4.16 -0.19	43.52 -4.06 -0.37	45.38 -4.72 -0.95	40.46 -3.68 -0.87	40.15 -3.76 -0.69	38.93 -4.18 -0.01	37.75 -4.19 0.00	36.17 -4.38 0.00	36.81 -3.42 0.00
OAK_ORCHARD__HYD 24046	40.99 -2.02 0.00	40.65 -2.18 0.00	38.71 -1.95 0.00	37.93 -1.95 0.00	37.98 -2.00 0.00	39.04 -1.88 0.00	40.90 -2.06 0.00	41.37 -1.86 0.00	40.15 -1.72 0.00	41.70 -2.66 0.00	40.77 -2.33 0.00	42.32 -2.32 0.00	40.98 -2.16 0.00	40.77 -2.24 0.00	40.90 -2.15 0.00	42.54 -1.86 -0.15	45.40 -2.12 -0.31	47.98 -1.97 -0.79	42.56 -1.43 -0.72	42.28 -1.51 -0.57	41.00 -2.11 -0.01	39.51 -2.43 0.00	37.95 -2.60 0.00	38.14 -2.09 0.00
OAKDALE__35_KV_LOAD 356122	43.05 0.04 0.00	42.75 -0.09 0.00	40.58 -0.08 0.00	39.81 -0.08 0.00	39.85 -0.12 0.00	40.88 -0.04 0.00	42.92 -0.04 0.00	43.14 -0.09 0.00	41.61 -0.25 0.00	44.14 -0.22 0.00	43.05 -0.04 0.00	44.74 0.09 0.00	43.18 0.04 0.00	42.92 -0.09 0.00	42.96 -0.09 0.00	44.40 -0.27 -0.41	48.23 0.19 -0.82	51.12 -0.15 -2.11	45.12 -0.09 -1.94	44.54 -0.22 -1.53	43.04 -0.09 -0.03	41.78 -0.17 0.00	40.26 -0.28 0.00	40.15 -0.08 0.00
OCC_CHEM__DRP 24175	38.83 -4.17 0.00	38.51 -4.33 0.00	36.76 -3.90 0.00	36.02 -3.87 0.00	36.02 -3.96 0.00	37.08 -3.85 0.00	38.37 -4.60 0.00	38.08 -5.14 0.00	36.59 -5.27 0.00	38.55 -5.81 0.00	37.71 -5.39 0.00	39.47 -5.18 0.00	38.18 -4.96 0.00	37.89 -5.12 0.00	37.93 -5.12 0.00	39.39 -5.04 -0.19	42.30 -5.29 -0.38	44.42 -5.70 -0.97	39.62 -4.54 -0.89	39.09 -4.84 -0.70	37.81 -5.30 -0.01	36.74 -5.20 0.00	35.23 -5.31 0.00	35.93 -4.30 0.00

OH_GEN_PROXY 24063	39.44 -3.57 0.00	39.11 -3.73 0.00	37.33 -3.33 0.00	36.58 -3.31 0.00	36.57 -3.40 0.00	37.61 -3.31 0.00	39.27 -3.70 0.00	39.64 -3.59 0.00	39.74 -3.47 -1.35	37.96 -5.06 1.35	38.44 -4.66 0.00	39.91 -4.73 0.00	38.87 -4.27 0.00	38.58 -4.43 0.00	38.74 -4.30 0.00	40.01 -4.42 -0.19	43.10 -4.49 -0.37	45.20 -4.92 -0.95	40.25 -3.89 -0.88	39.90 -4.02 -0.69	38.63 -4.48 -0.01	37.46 -4.49 0.00	35.89 -4.66 0.00	36.53 -3.70 0.00
OLIN_CORP_DRP 24177	39.14 -3.87 0.00	38.81 -4.03 0.00	37.04 -3.62 0.00	36.30 -3.59 0.00	36.30 -3.68 0.00	37.32 -3.60 0.00	38.67 -4.30 0.00	38.38 -4.84 0.00	36.88 -4.98 0.00	38.86 -5.50 0.00	38.05 -5.04 0.00	39.78 -4.87 0.00	38.48 -4.66 0.00	38.19 -4.82 0.00	38.23 -4.82 0.00	39.62 -4.82 -0.19	42.68 -4.91 -0.38	44.68 -5.46 -0.98	39.84 -4.33 -0.90	39.31 -4.63 -0.71	38.15 -4.96 -0.01	37.08 -4.87 0.00	35.52 -5.03 0.00	36.21 -4.02 0.00
OLIN_CORP_DSASP 323712	38.84 -4.17 0.00	38.51 -4.32 0.00	36.76 -3.90 0.00	36.02 -3.87 0.00	36.01 -3.96 0.00	37.07 -3.85 0.00	38.63 -4.34 0.00	38.94 -4.28 0.00	37.72 -4.15 0.00	38.55 -5.81 0.00	37.71 -5.39 0.00	39.20 -5.45 0.00	38.18 -4.96 0.00	37.89 -5.12 0.00	38.06 -4.99 0.00	39.39 -5.05 -0.19	42.30 -5.29 -0.38	44.43 -5.70 -0.97	39.62 -4.54 -0.89	39.30 -4.62 -0.70	37.94 -5.17 -0.01	36.74 -5.20 0.00	35.24 -5.31 0.00	35.93 -4.30 0.00
ONEIDA_HERK_LFGE 323681	43.78 0.77 0.00	43.56 0.73 0.00	41.35 0.69 0.00	40.56 0.68 0.00	40.65 0.68 0.00	41.70 0.78 0.00	43.91 0.94 0.00	44.31 1.08 0.00	42.99 1.13 0.00	45.51 1.15 0.00	44.21 1.12 0.00	45.89 1.25 0.00	44.26 1.12 0.00	44.08 1.08 0.00	44.13 1.08 0.00	45.40 1.11 -0.04	48.57 1.28 -0.08	50.60 1.23 -0.22	44.46 1.00 -0.20	44.33 0.95 -0.16	43.83 0.73 0.00	42.57 0.63 0.00	41.03 0.49 0.00	40.72 0.48 0.00
ONEIDA___115KV_TB4 55905	44.04 1.03 0.00	43.78 0.94 0.00	41.56 0.89 0.00	40.76 0.88 0.00	40.85 0.88 0.00	41.94 1.02 0.00	44.12 1.16 0.00	44.43 1.21 0.00	43.08 1.21 0.00	45.69 1.33 0.00	44.43 1.34 0.00	46.08 1.43 0.00	44.48 1.34 0.00	44.25 1.25 0.00	44.34 1.29 0.00	45.65 1.33 -0.08	48.92 1.56 -0.15	51.02 1.47 -0.39	44.84 1.21 -0.36	44.67 1.17 -0.28	44.05 0.95 -0.01	42.74 0.80 0.00	41.24 0.69 0.00	40.92 0.68 0.00
ONONDAGA_REF_OCCRA 23987	42.36 -0.65 0.00	42.11 -0.73 0.00	39.97 -0.69 0.00	39.17 -0.72 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.23 -0.73 0.00	42.49 -0.73 0.00	41.15 -0.71 0.00	43.70 -0.67 0.00	42.62 -0.47 0.00	44.24 -0.40 0.00	42.66 -0.47 0.00	42.49 -0.52 0.00	42.49 -0.56 0.00	43.90 -0.49 -0.14	47.12 -0.38 -0.28	49.44 -0.44 -0.72	43.58 -0.35 -0.66	43.32 -0.43 -0.52	42.55 -0.56 -0.01	41.27 -0.67 0.00	39.82 -0.73 0.00	39.55 -0.68 0.00
ONONDAGA___COGEN 23986	42.36 -0.65 0.00	42.11 -0.73 0.00	39.97 -0.69 0.00	39.17 -0.72 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.23 -0.73 0.00	42.49 -0.73 0.00	41.15 -0.71 0.00	43.70 -0.67 0.00	42.58 -0.52 0.00	44.24 -0.40 0.00	42.66 -0.47 0.00	42.49 -0.52 0.00	42.49 -0.56 0.00	43.89 -0.49 -0.13	47.05 -0.42 -0.26	49.33 -0.49 -0.67	43.53 -0.35 -0.61	43.28 -0.43 -0.48	42.50 -0.60 -0.01	41.27 -0.67 0.00	39.82 -0.73 0.00	39.55 -0.68 0.00
ONTARIO___LFGE 23819	42.49 -0.51 0.00	42.15 -0.69 0.00	40.21 -0.45 0.00	39.41 -0.48 0.00	39.45 -0.52 0.00	40.51 -0.41 0.00	42.45 -0.51 0.00	42.88 -0.35 0.00	41.74 -0.13 0.00	43.52 -0.84 0.00	42.45 -0.65 0.00	44.06 -0.58 0.00	42.62 -0.52 0.00	42.36 -0.64 0.00	42.49 -0.56 0.00	43.81 -0.62 -0.19	47.30 -0.28 -0.37	49.61 -0.49 -0.95	43.84 -0.30 -0.87	43.56 -0.35 -0.69	42.51 -0.60 -0.01	41.19 -0.75 0.00	39.77 -0.77 0.00	39.59 -0.65 0.00
ORANGEVILLE_WT_PWR 323706	41.24 -1.77 0.00	40.91 -1.93 0.00	38.99 -1.67 0.00	38.21 -1.67 0.00	38.26 -1.72 0.00	39.28 -1.64 0.00	41.07 -1.89 0.00	41.49 -1.73 0.00	40.15 -1.72 0.00	41.25 -3.11 0.00	40.30 -2.80 0.00	41.88 -2.77 0.00	40.64 -2.50 0.00	40.30 -2.71 0.00	40.55 -2.50 0.00	41.47 -3.01 -0.23	45.27 -2.41 -0.46	47.00 -3.34 -1.19	41.77 -2.59 -1.10	41.41 -2.68 -0.87	40.40 -2.71 -0.02	39.38 -2.56 0.00	37.79 -2.76 0.00	38.22 -2.01 0.00
ORANGEVILLE___ESR 323794	41.24 -1.77 0.00	40.91 -1.93 0.00	38.99 -1.67 0.00	38.21 -1.67 0.00	38.26 -1.72 0.00	39.28 -1.64 0.00	41.07 -1.89 0.00	41.49 -1.73 0.00	40.15 -1.72 0.00	41.25 -3.11 0.00	40.30 -2.80 0.00	41.88 -2.77 0.00	40.64 -2.50 0.00	40.30 -2.71 0.00	40.55 -2.50 0.00	41.47 -3.01 -0.23	45.27 -2.41 -0.46	47.00 -3.34 -1.19	41.77 -2.59 -1.10	41.41 -2.68 -0.87	40.40 -2.71 -0.02	39.38 -2.56 0.00	37.79 -2.76 0.00	38.22 -2.01 0.00
OSWEGATCHIE___HYD 24044	41.89 -1.12 0.00	41.89 -0.94 0.00	39.89 -0.77 0.00	39.13 -0.76 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.10 -0.86 0.00	42.23 -0.99 0.00	40.98 -0.88 0.00	43.65 -0.71 0.00	42.36 -0.73 0.00	43.84 -0.80 0.00	42.41 -0.73 0.00	42.32 -0.69 0.00	42.28 -0.77 0.00	43.44 -0.84 -0.03	46.38 -0.90 -0.07	48.45 -0.88 -0.18	42.48 -0.95 -0.16	42.44 -0.91 -0.13	42.06 -1.03 0.00	40.98 -0.96 0.00	39.53 -1.01 0.00	39.19 -1.05 0.00
OSWEGO___5 23606	41.63 -1.38 0.00	41.42 -1.41 0.00	39.32 -1.34 0.00	38.53 -1.36 0.00	38.61 -1.36 0.00	39.57 -1.35 0.00	41.59 -1.38 0.00	41.93 -1.30 0.00	40.65 -1.22 0.00	42.90 -1.46 0.00	41.76 -1.34 0.00	43.31 -1.34 0.00	41.85 -1.29 0.00	41.67 -1.33 0.00	41.71 -1.33 0.00	43.05 -1.28 -0.09	46.07 -1.32 -0.18	48.25 -1.38 -0.47	42.53 -1.17 -0.43	42.35 -1.21 -0.34	41.77 -1.34 -0.01	40.52 -1.43 0.00	39.13 -1.42 0.00	38.86 -1.37 0.00
OSWEGO___6 23613	41.63 -1.38 0.00	41.42 -1.41 0.00	39.32 -1.34 0.00	38.53 -1.36 0.00	38.61 -1.36 0.00	39.57 -1.35 0.00	41.59 -1.38 0.00	41.93 -1.30 0.00	40.65 -1.22 0.00	42.90 -1.46 0.00	41.76 -1.34 0.00	43.31 -1.34 0.00	41.85 -1.29 0.00	41.67 -1.33 0.00	41.71 -1.33 0.00	43.05 -1.28 -0.09	46.07 -1.32 -0.18	48.25 -1.38 -0.47	42.53 -1.17 -0.43	42.35 -1.21 -0.34	41.77 -1.34 -0.01	40.52 -1.43 0.00	39.13 -1.42 0.00	38.86 -1.37 0.00
OUTOKUMPU-AB___DRP 24206	40.17 -2.84 0.00	39.79 -3.04 0.00	38.02 -2.64 0.00	37.25 -2.63 0.00	37.25 -2.72 0.00	38.30 -2.62 0.00	39.66 -3.31 0.00	39.46 -3.76 0.00	37.89 -3.98 0.00	39.97 -4.39 0.00	39.09 -4.01 0.00	40.90 -3.75 0.00	39.52 -3.62 0.00	39.26 -3.74 0.00	39.30 -3.75 0.00	40.46 -3.98 -0.19	43.87 -3.73 -0.38	45.67 -4.47 -0.99	40.67 -3.50 -0.91	40.14 -3.80 -0.72	39.23 -3.88 -0.01	38.08 -3.86 0.00	36.49 -4.05 0.00	37.13 -3.10 0.00
OXBOW___BTM 323836	39.52 -3.48 0.00	39.19 -3.64 0.00	37.45 -3.21 0.00	36.69 -3.19 0.00	36.70 -3.28 0.00	37.73 -3.19 0.00	39.31 -3.65 0.00	39.68 -3.54 0.00	38.43 -3.43 0.00	39.30 -5.06 0.00	38.49 -4.61 0.00	40.00 -4.64 0.00	38.91 -4.23 0.00	38.62 -4.39 0.00	38.79 -4.26 0.00	40.01 -4.42 -0.19	43.16 -4.44 -0.38	45.12 -5.01 -0.98	40.19 -3.98 -0.90	39.87 -4.06 -0.71	38.63 -4.48 -0.01	37.50 -4.45 0.00	35.92 -4.62 0.00	36.57 -3.66 0.00

OXBOW____ 24026	39.57 -3.44 0.00	39.19 -3.64 0.00	37.45 -3.21 0.00	36.69 -3.19 0.00	36.70 -3.28 0.00	37.73 -3.19 0.00	39.05 -3.91 0.00	38.82 -4.41 0.00	37.30 -4.56 0.00	39.30 -5.06 0.00	38.48 -4.61 0.00	40.23 -4.42 0.00	38.91 -4.23 0.00	38.62 -4.39 0.00	38.66 -4.39 0.00	39.97 -4.47 -0.19	43.16 -4.44 -0.38	45.12 -5.01 -0.98	40.19 -3.98 -0.90	39.66 -4.28 -0.71	38.58 -4.53 -0.01	37.50 -4.45 0.00	35.92 -4.62 0.00	36.57 -3.66 0.00
OXY_CHEM_DSASP 323612	38.83 -4.17 0.00	38.51 -4.33 0.00	36.76 -3.90 0.00	36.02 -3.87 0.00	36.02 -3.96 0.00	37.08 -3.85 0.00	38.37 -4.60 0.00	38.08 -5.14 0.00	36.59 -5.27 0.00	38.55 -5.81 0.00	37.71 -5.39 0.00	39.47 -5.18 0.00	38.18 -4.96 0.00	37.89 -5.12 0.00	37.93 -5.12 0.00	39.39 -5.04 -0.19	42.30 -5.29 -0.38	44.42 -5.70 -0.97	39.62 -4.54 -0.89	39.09 -4.84 -0.70	37.81 -5.30 -0.01	36.74 -5.20 0.00	35.23 -5.31 0.00	35.93 -4.30 0.00
OZONE_PARK_ESR 323760	46.32 3.31 0.00	45.83 3.00 0.00	43.38 2.72 0.00	42.52 2.63 0.00	42.57 2.60 0.00	43.50 2.58 0.00	46.01 3.05 0.00	46.38 3.16 0.00	44.96 3.10 0.00	47.95 3.59 0.00	46.85 3.75 0.00	48.58 3.93 0.00	46.89 3.75 0.00	46.62 3.61 0.00	46.67 3.62 0.00	49.64 4.11 -1.28	54.05 4.30 -2.54	60.24 4.57 -6.51	53.19 3.94 -5.99	51.98 4.02 -4.73	47.19 4.01 -0.09	45.55 3.61 0.00	44.11 3.57 0.00	43.57 3.34 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.83 -4.17 0.00	38.51 -4.33 0.00	36.76 -3.90 0.00	36.02 -3.87 0.00	36.02 -3.96 0.00	37.08 -3.85 0.00	38.37 -4.60 0.00	38.08 -5.14 0.00	36.59 -5.27 0.00	38.55 -5.81 0.00	37.71 -5.39 0.00	39.47 -5.18 0.00	38.18 -4.96 0.00	37.89 -5.12 0.00	37.93 -5.12 0.00	39.39 -5.04 -0.19	42.30 -5.29 -0.38	44.42 -5.70 -0.97	39.62 -4.54 -0.89	39.09 -4.84 -0.70	37.81 -5.30 -0.01	36.74 -5.20 0.00	35.23 -5.31 0.00	35.93 -4.30 0.00
PACKARD__115KV_DUPONT_184 80571	38.83 -4.17 0.00	38.51 -4.33 0.00	36.76 -3.90 0.00	36.02 -3.87 0.00	36.02 -3.96 0.00	37.08 -3.85 0.00	38.37 -4.60 0.00	38.08 -5.14 0.00	36.59 -5.27 0.00	38.55 -5.81 0.00	37.71 -5.39 0.00	39.47 -5.18 0.00	38.18 -4.96 0.00	37.89 -5.12 0.00	37.93 -5.12 0.00	39.39 -5.04 -0.19	42.30 -5.29 -0.38	44.42 -5.70 -0.97	39.62 -4.54 -0.89	39.09 -4.84 -0.70	37.81 -5.30 -0.01	36.74 -5.20 0.00	35.23 -5.31 0.00	35.93 -4.30 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.33 3.31 -0.01	45.88 3.04 -0.01	43.43 2.76 -0.01	42.61 2.71 -0.01	42.62 2.64 -0.01	43.58 2.66 0.00	45.84 2.88 0.00	45.95 2.72 0.00	44.50 2.64 0.00	47.60 3.24 0.00	46.54 3.45 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.20 3.67 -1.28	53.67 3.92 -2.54	59.85 4.18 -6.52	52.85 3.59 -5.99	51.54 3.59 -4.73	46.72 3.53 -0.09	45.31 3.36 -0.01	43.92 3.37 -0.01	43.50 3.26 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.84 3.83 -0.01	46.44 3.60 -0.01	43.92 3.25 -0.01	43.04 3.15 -0.01	43.10 3.12 -0.01	44.03 3.11 0.00	46.31 3.35 0.00	46.42 3.20 0.00	44.96 3.10 0.00	48.09 3.73 0.00	47.02 3.92 0.00	48.75 4.11 0.00	47.15 4.01 0.00	46.88 3.87 0.00	46.92 3.87 0.00	49.82 4.29 -1.28	54.33 4.58 -2.54	60.54 4.87 -6.52	53.45 4.20 -5.99	52.11 4.15 -4.73	47.28 4.09 -0.09	45.85 3.90 -0.01	44.49 3.93 -0.01	44.06 3.82 -0.01
PATROON__115KV_TB1 80586	44.73 1.72 0.00	44.33 1.50 0.00	42.00 1.34 0.00	41.20 1.32 0.00	41.29 1.32 0.00	42.27 1.35 0.00	44.47 1.50 0.00	44.82 1.60 0.00	43.08 1.21 0.00	45.78 1.42 0.00	44.56 1.47 0.00	46.25 1.61 0.00	44.61 1.47 0.00	44.34 1.33 0.00	44.38 1.33 0.00	47.39 1.55 -1.59	52.08 1.70 -3.16	58.99 1.72 -8.11	52.25 1.51 -7.47	50.59 1.47 -5.90	44.67 1.47 -0.11	43.20 1.26 0.00	41.84 1.30 0.00	41.44 1.21 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.54 -1.46 0.00	41.21 -1.63 0.00	39.32 -1.34 0.00	38.53 -1.36 0.00	38.53 -1.44 0.00	39.65 -1.27 0.00	41.20 -1.76 0.00	41.02 -2.20 0.00	39.35 -2.51 0.00	41.48 -2.88 0.00	40.60 -2.50 0.00	42.41 -2.23 0.00	40.98 -2.16 0.00	40.68 -2.32 0.00	40.77 -2.28 0.00	40.25 -4.20 -0.21	45.55 -2.08 -0.42	45.60 -4.62 -1.07	40.57 -3.68 -0.98	40.02 -3.98 -0.77	40.74 -2.37 -0.01	39.59 -2.35 0.00	37.91 -2.64 0.00	38.50 -1.73 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.27 3.27 0.00	45.79 2.96 0.00	43.30 2.64 0.00	42.48 2.59 0.00	42.41 2.44 0.00	43.42 2.50 0.00	45.93 2.96 0.00	46.29 3.07 0.00	44.88 3.01 0.00	47.87 3.50 0.00	46.67 3.58 0.00	48.35 3.71 0.00	46.68 3.54 0.00	46.36 3.35 0.00	46.45 3.40 0.00	49.30 3.76 -1.30	53.81 4.01 -2.58	60.00 4.23 -6.61	53.03 3.68 -6.09	51.66 3.63 -4.81	46.81 3.62 -0.09	45.26 3.31 0.00	43.71 3.16 0.00	43.17 2.94 0.00
PEEKSKILL____ 23653	45.63 2.62 0.00	45.19 2.35 0.00	42.77 2.11 0.00	41.92 2.03 0.00	41.93 1.96 0.00	42.89 1.96 0.00	45.45 2.49 0.00	46.12 2.90 0.00	44.67 2.81 0.00	47.29 2.93 0.00	46.03 2.93 0.00	47.72 3.08 0.00	46.03 2.89 0.00	45.76 2.75 0.00	45.85 2.80 0.00	48.70 3.19 -1.26	53.08 3.35 -2.51	59.18 3.59 -6.44	52.31 3.12 -5.92	50.97 3.07 -4.68	46.25 3.06 -0.09	44.75 2.81 0.00	43.34 2.80 0.00	42.81 2.58 0.00
PGE MADISON__WINDPWR 24146	46.92 3.91 0.00	46.56 3.72 0.00	44.24 3.58 0.00	43.43 3.55 0.00	43.53 3.56 0.00	44.77 3.85 0.00	47.22 4.25 0.00	47.94 4.71 0.00	46.55 4.69 0.00	49.06 4.70 0.00	47.66 4.57 0.00	49.51 4.87 0.00	47.45 4.31 0.00	46.96 3.95 0.00	47.01 3.96 0.00	48.67 4.03 -0.40	52.88 4.86 -0.80	55.92 4.72 -2.04	49.13 3.98 -1.88	48.64 3.93 -1.49	46.57 3.45 -0.03	45.05 3.10 0.00	43.22 2.68 0.00	42.93 2.70 0.00
PIERCEFIELD__HYD 23852	41.63 -1.38 0.00	41.81 -1.03 0.00	39.89 -0.77 0.00	39.17 -0.72 0.00	39.33 -0.64 0.00	40.19 -0.74 0.00	42.02 -0.95 0.00	42.27 -0.95 0.00	41.11 -0.75 0.00	43.47 -0.89 0.00	42.02 -1.08 0.00	43.49 -1.16 0.00	42.06 -1.08 0.00	42.06 -0.95 0.00	41.97 -1.08 0.00	42.96 -1.28 0.00	45.75 -1.46 0.00	47.78 -1.38 0.00	41.84 -1.43 0.00	41.93 -1.30 0.00	41.80 -1.29 0.00	40.81 -1.13 0.00	39.45 -1.09 0.00	39.15 -1.09 0.00
PINELAWN_CC_1 323563	53.74 3.95 -6.78	48.03 3.64 -1.55	44.00 3.33 0.00	43.08 3.19 0.00	43.05 3.08 0.00	43.91 2.99 0.00	49.84 3.78 -3.10	52.69 4.24 -5.22	58.11 4.15 -12.11	63.31 4.26 -14.69	48.27 4.27 -0.90	49.68 4.29 -0.74	49.22 4.05 -2.03	49.00 4.00 -2.00	49.14 4.00 -2.09	50.05 4.42 -1.38	54.94 4.72 -3.01	61.46 5.02 -7.29	53.70 4.33 -6.11	52.15 4.19 -4.74	48.04 4.48 -0.46	47.03 3.99 -1.10	46.76 3.93 -2.28	45.56 3.78 -1.55
PJM_GEN_HTP_PROXY 323702	45.93 2.93 0.00	45.45 2.61 0.00	43.02 2.36 0.00	42.16 2.27 0.00	42.21 2.24 0.00	43.13 2.21 0.00	45.72 2.75 0.00	46.42 3.20 0.00	46.35 3.14 -1.35	46.30 3.28 1.35	46.41 3.32 0.00	48.13 3.48 0.00	46.46 3.32 0.00	46.19 3.18 0.00	46.23 3.19 0.00	49.15 3.63 -1.28	53.53 3.78 -2.54	59.65 3.98 -6.51	52.72 3.46 -5.99	51.46 3.50 -4.73	46.68 3.49 -0.09	45.09 3.15 0.00	43.71 3.16 0.00	43.17 2.94 0.00

PJM_GEN_KEystone 24065	41.27 0.13 1.87	39.19 -0.09 3.56	37.71 -0.04 2.91	36.81 -0.08 3.00	36.85 -0.12 3.00	39.54 -0.08 1.30	43.05 0.09 0.00	43.66 0.43 0.00	43.54 0.33 -1.35	42.75 -0.26 1.35	41.20 -0.13 1.77	41.60 -0.04 3.00	40.14 0.00 3.00	39.91 -0.13 2.97	40.00 -0.04 3.01	40.40 -0.22 3.63	46.00 0.19 1.40	52.97 -0.15 -3.96	46.83 -0.09 -3.65	43.58 -0.17 -0.53	43.07 -0.09 -0.06	41.86 -0.08 0.00	39.57 -0.20 0.77	38.62 0.04 1.65
PJM_GEN_NEPTUNE_PROXY 323594	53.10 3.31 -6.78	47.43 3.04 -1.55	43.43 2.77 0.00	42.56 2.67 0.00	42.53 2.56 0.00	43.42 2.50 0.00	49.29 3.22 -3.10	52.08 3.63 -5.22	58.87 3.56 -13.45	61.38 3.68 -13.34	47.66 3.66 -0.90	48.99 3.84 -0.51	48.81 3.66 -2.00	48.52 3.53 -1.99	48.58 3.57 -1.96	49.46 3.94 -1.28	53.91 4.16 -2.54	60.04 4.37 -6.51	53.02 3.76 -5.99	51.67 3.72 -4.73	47.39 3.83 -0.46	46.57 3.52 -1.10	46.01 3.49 -1.98	45.04 3.26 -1.55
PJM_GEN_VFT_PROXY 323633	45.76 2.75 0.00	45.28 2.44 0.00	42.85 2.19 0.00	42.00 2.11 0.00	42.05 2.08 0.00	42.96 2.05 0.01	45.54 2.58 0.00	46.25 3.02 0.00	46.18 2.97 -1.35	46.12 3.10 1.35	46.24 3.14 0.00	48.00 3.35 0.00	46.29 3.15 0.00	46.02 3.01 0.00	46.11 3.06 0.00	48.98 3.45 -1.28	53.34 3.59 -2.54	59.45 3.79 -6.51	52.54 3.29 -5.99	51.33 3.37 -4.73	46.55 3.36 -0.09	44.97 3.02 0.00	43.59 3.04 0.00	43.01 2.77 0.00
PLATSBRG_115KV_PMLD1 355749	43.35 0.34 0.00	43.99 1.16 0.00	42.25 1.59 0.00	41.68 1.79 0.00	41.97 2.00 0.00	42.35 1.43 0.00	44.08 1.12 0.00	44.22 0.99 0.00	42.83 0.96 0.00	45.29 0.93 0.00	43.96 0.86 0.00	45.49 0.85 0.00	44.04 0.91 0.00	43.95 0.95 0.00	43.74 0.69 0.00	44.78 0.53 0.00	47.69 0.47 0.00	49.75 0.59 0.00	43.53 0.26 0.00	43.57 0.35 0.00	43.44 0.34 0.00	42.36 0.42 0.00	40.91 0.36 0.00	40.71 0.48 0.00
PLEASANTVLY___LBMP 24000	45.46 2.45 0.00	45.06 2.23 0.00	42.65 1.99 0.00	41.80 1.91 0.00	41.89 1.92 0.00	42.85 1.92 0.00	45.28 2.32 0.00	45.60 2.38 0.00	44.12 2.26 0.00	46.98 2.62 0.00	45.81 2.72 0.00	47.46 2.81 0.00	45.81 2.67 0.00	45.59 2.58 0.00	45.63 2.58 0.00	48.51 2.92 -1.35	53.01 3.12 -2.68	59.32 3.29 -6.87	52.44 2.86 -6.32	51.03 2.81 -4.99	46.04 2.84 -0.10	44.50 2.56 0.00	43.10 2.55 0.00	42.61 2.37 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.76 2.75 0.00	45.32 2.48 0.00	42.94 2.28 0.00	42.08 2.19 0.00	42.09 2.12 0.00	43.09 2.17 0.00	45.58 2.62 0.00	45.95 2.72 0.00	44.46 2.60 0.00	47.38 3.02 0.00	46.20 3.10 0.00	47.91 3.26 0.00	46.25 3.11 0.00	45.97 2.97 0.00	46.02 2.97 0.00	48.90 3.36 -1.29	53.37 3.59 -2.56	59.52 3.79 -6.58	52.61 3.29 -6.05	51.29 3.29 -4.78	46.46 3.28 -0.09	44.92 2.98 0.00	43.51 2.96 0.00	42.97 2.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.84 2.84 0.00	45.45 2.61 0.00	42.98 2.32 0.00	42.16 2.27 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.58 2.62 0.00	45.90 2.68 0.00	44.42 2.55 0.00	47.29 2.93 0.00	46.07 2.97 0.00	47.77 3.13 0.00	46.07 2.93 0.00	45.76 2.75 0.00	45.85 2.80 0.00	48.75 3.19 -1.32	53.28 3.45 -2.62	59.52 3.64 -6.73	52.66 3.20 -6.19	51.18 3.07 -4.89	46.29 3.10 -0.09	44.75 2.81 0.00	43.30 2.76 0.00	42.81 2.57 0.00
POLETTI____ 23519	45.97 2.97 0.00	45.49 2.66 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.17 2.25 0.00	45.67 2.71 0.00	46.03 2.81 0.00	44.58 2.72 0.00	47.55 3.19 0.00	46.46 3.36 0.00	48.13 3.48 0.00	46.50 3.36 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.20 3.67 -1.28	53.58 3.82 -2.54	59.70 4.03 -6.51	52.72 3.46 -5.99	51.50 3.54 -4.73	46.72 3.53 -0.09	45.13 3.19 0.00	43.79 3.24 0.00	43.21 2.98 0.00
POMONA___ESR 323819	45.54 2.54 0.00	45.10 2.27 0.00	42.69 2.03 0.00	41.84 1.95 0.00	41.89 1.92 0.00	42.85 1.92 0.00	45.37 2.40 0.00	46.03 2.81 0.00	44.55 2.68 0.00	47.07 2.71 0.00	45.77 2.67 0.00	47.51 2.86 0.00	45.81 2.68 0.00	45.54 2.54 0.00	45.63 2.58 0.00	48.40 2.92 -1.23	52.78 3.12 -2.45	58.79 3.34 -6.29	51.95 2.90 -5.79	50.65 2.85 -4.57	46.03 2.84 -0.09	44.59 2.64 0.00	43.22 2.68 0.00	42.69 2.45 0.00
PORT_JEFF_3 23555	53.74 3.95 -6.78	48.07 3.68 -1.55	44.03 3.37 0.00	43.19 3.31 0.00	43.09 3.12 0.00	43.62 2.70 0.00	49.63 3.56 -3.10	52.47 4.02 -5.22	57.90 3.93 -12.11	63.08 4.04 -14.69	48.05 4.05 -0.90	54.97 4.38 -5.95	49.89 4.23 -2.52	49.34 4.22 -2.12	52.25 4.17 -5.02	52.41 4.56 -3.60	65.48 4.86 -13.40	78.80 5.11 -24.53	56.43 4.42 -8.75	52.44 4.36 -4.86	48.21 4.61 -0.50	47.40 4.23 -1.22	52.01 4.18 -7.29	45.89 4.06 -1.59
PORT_JEFF_4 23616	53.74 3.95 -6.78	48.07 3.68 -1.55	44.03 3.37 0.00	43.19 3.31 0.00	43.09 3.12 0.00	43.62 2.70 0.00	49.63 3.56 -3.10	52.47 4.02 -5.22	57.90 3.93 -12.11	63.08 4.04 -14.69	48.05 4.05 -0.90	54.97 4.38 -5.95	49.89 4.23 -2.52	49.34 4.22 -2.12	52.25 4.17 -5.02	52.41 4.56 -3.60	65.48 4.86 -13.40	78.80 5.11 -24.53	56.43 4.42 -8.75	52.44 4.36 -4.86	48.21 4.61 -0.50	47.40 4.23 -1.22	52.01 4.18 -7.29	45.89 4.06 -1.59
PORT_JEFF_IC 23713	53.83 4.04 -6.78	48.16 3.77 -1.55	44.11 3.45 0.00	43.27 3.39 0.00	43.17 3.20 0.00	43.74 2.82 0.00	49.76 3.70 -3.10	52.60 4.15 -5.22	58.03 4.06 -12.11	63.26 4.22 -14.69	48.18 4.18 -0.90	55.39 4.51 -6.24	50.04 4.36 -2.54	49.43 4.30 -2.12	52.50 4.26 -5.19	52.66 4.69 -3.73	66.20 5.00 -13.98	79.81 5.16 -25.50	56.58 4.42 -8.90	52.54 4.45 -4.86	48.30 4.70 -0.51	47.49 4.32 -1.23	52.38 4.26 -7.58	45.97 4.14 -1.59
PPL PILGRIM_ST_GT1 24216	54.05 4.26 -6.78	48.37 3.98 -1.55	44.32 3.66 0.00	43.43 3.55 0.00	43.37 3.40 0.00	44.20 3.27 0.00	50.23 4.17 -3.10	53.03 4.58 -5.22	58.40 4.44 -12.11	63.62 4.57 -14.69	48.52 4.52 -0.90	49.76 4.06 -1.05	49.03 3.84 -2.06	48.88 3.87 -2.00	49.05 3.74 -2.26	50.00 4.25 -1.51	55.32 4.49 -3.61	62.32 4.87 -8.29	53.64 4.11 -6.26	51.94 3.97 -4.74	48.30 4.74 -0.47	46.83 3.78 -1.11	46.85 3.73 -2.58	45.73 3.95 -1.55
PPL PILGRIM_ST_GT2 24217	54.05 4.26 -6.78	48.37 3.98 -1.55	44.32 3.66 0.00	43.43 3.55 0.00	43.37 3.40 0.00	44.20 3.27 0.00	50.23 4.17 -3.10	53.03 4.58 -5.22	58.40 4.44 -12.11	63.62 4.57 -14.69	48.52 4.52 -0.90	49.76 4.06 -1.05	49.03 3.84 -2.06	48.88 3.87 -2.00	49.05 3.74 -2.26	50.00 4.25 -1.51	55.32 4.49 -3.61	62.32 4.87 -8.29	53.64 4.11 -6.26	51.94 3.97 -4.74	48.30 4.74 -0.47	46.83 3.78 -1.11	46.85 3.73 -2.58	45.73 3.95 -1.55

PPL_SHRM_GT3 24213	54.01 4.22 -6.78	48.33 3.94 -1.55	44.32 3.66 0.00	43.51 3.63 0.00	43.45 3.48 0.00	44.15 3.23 0.00	50.19 4.12 -3.10	53.03 4.58 -5.22	58.49 4.52 -12.11	63.70 4.66 -14.69	48.70 4.70 -0.90	55.38 4.82 -5.91	50.10 4.44 -2.51	49.51 4.39 -2.11	52.40 4.35 -5.00	52.57 4.74 -3.58	65.64 5.10 -13.32	78.97 5.41 -24.41	56.72 4.72 -8.73	52.62 4.54 -4.85	48.38 4.78 -0.50	47.74 4.57 -1.22	52.26 4.46 -7.25	46.21 4.39 -1.59
PPL_SHRM_GT4 24214	54.01 4.22 -6.78	48.33 3.94 -1.55	44.32 3.66 0.00	43.51 3.63 0.00	43.45 3.48 0.00	44.15 3.23 0.00	50.19 4.12 -3.10	53.03 4.58 -5.22	58.49 4.52 -12.11	63.70 4.66 -14.69	48.70 4.70 -0.90	55.38 4.82 -5.91	50.10 4.44 -2.51	49.51 4.39 -2.11	52.40 4.35 -5.00	52.57 4.74 -3.58	65.64 5.10 -13.32	78.97 5.41 -24.41	56.72 4.72 -8.73	52.62 4.54 -4.85	48.38 4.78 -0.50	47.74 4.57 -1.22	52.26 4.46 -7.25	46.21 4.39 -1.59
PROJECT___ORANGE 1 24174	42.10 -0.90 0.00	41.81 -1.03 0.00	39.68 -0.98 0.00	38.93 -0.96 0.00	38.97 -1.00 0.00	39.98 -0.94 0.00	41.98 -0.99 0.00	42.19 -1.04 0.00	40.86 -1.00 0.00	43.38 -0.98 0.00	42.32 -0.78 0.00	43.93 -0.71 0.00	42.41 -0.73 0.00	42.19 -0.82 0.00	42.23 -0.82 0.00	43.61 -0.75 -0.12	46.74 -0.71 -0.23	48.96 -0.79 -0.59	43.16 -0.65 -0.54	42.92 -0.73 -0.43	42.24 -0.86 -0.01	40.98 -0.96 0.00	39.53 -1.01 0.00	39.31 -0.93 0.00
PROJECT___ORANGE 2 24166	42.10 -0.90 0.00	41.81 -1.03 0.00	39.68 -0.98 0.00	38.93 -0.96 0.00	38.97 -1.00 0.00	39.98 -0.94 0.00	41.98 -0.99 0.00	42.19 -1.04 0.00	40.86 -1.00 0.00	43.38 -0.98 0.00	42.32 -0.78 0.00	43.93 -0.71 0.00	42.41 -0.73 0.00	42.19 -0.82 0.00	42.23 -0.82 0.00	43.61 -0.75 -0.12	46.74 -0.71 -0.23	48.96 -0.79 -0.59	43.16 -0.65 -0.54	42.92 -0.73 -0.43	42.24 -0.86 -0.01	40.98 -0.96 0.00	39.53 -1.01 0.00	39.31 -0.93 0.00
PUCKETT___SOLAR 323809	44.12 1.12 0.00	43.82 0.99 0.00	41.60 0.94 0.00	40.80 0.92 0.00	40.85 0.88 0.00	41.95 1.02 0.00	44.16 1.20 0.00	44.69 1.47 0.00	43.29 1.42 0.00	45.47 1.11 0.00	44.26 1.16 0.00	45.94 1.30 0.00	44.30 1.17 0.00	44.04 1.03 0.00	44.13 1.08 0.00	45.69 1.02 -0.43	49.62 1.56 -0.85	52.62 1.28 -2.18	46.40 1.12 -2.01	45.85 1.04 -1.59	44.07 0.95 -0.03	42.78 0.84 0.00	41.19 0.65 0.00	41.04 0.80 0.00
PYRITES___HYD 24023	42.53 -0.47 0.00	42.71 -0.13 0.00	40.70 0.04 0.00	39.97 0.08 0.00	40.09 0.12 0.00	41.00 0.08 0.00	42.88 -0.09 0.00	43.18 -0.04 0.00	42.03 0.17 0.00	44.41 0.04 0.00	42.92 -0.17 0.00	44.42 -0.22 0.00	42.97 -0.17 0.00	42.96 -0.04 0.00	42.88 -0.17 0.00	43.89 -0.35 0.00	46.74 -0.47 0.00	48.76 -0.39 0.00	42.70 -0.56 0.00	42.84 -0.39 0.00	42.67 -0.43 0.00	41.65 -0.29 0.00	40.22 -0.32 0.00	39.91 -0.32 0.00
QUAKERRD_115KV_BK1 80622	40.30 -2.71 0.00	40.01 -2.83 0.00	38.06 -2.60 0.00	37.29 -2.59 0.00	37.33 -2.64 0.00	38.38 -2.54 0.00	40.09 -2.88 0.00	40.20 -3.03 0.00	38.89 -2.97 0.00	41.21 -3.15 0.00	40.25 -2.84 0.00	41.88 -2.77 0.00	40.42 -2.72 0.00	40.21 -2.80 0.00	40.25 -2.80 0.00	41.96 -2.43 -0.15	44.73 -2.79 -0.30	47.21 -2.70 -0.76	41.85 -2.12 -0.70	41.49 -2.29 -0.55	40.26 -2.84 -0.01	38.97 -2.98 0.00	37.51 -3.04 0.00	37.54 -2.70 0.00
QUENSBRY_115KV_TB8 356137	45.46 2.45 0.00	45.11 2.27 0.00	42.82 2.16 0.00	41.96 2.07 0.00	42.09 2.12 0.00	43.01 2.09 0.00	45.28 2.32 0.00	45.43 2.20 0.00	44.08 2.22 0.00	47.11 2.75 0.00	45.77 2.67 0.00	47.64 2.99 0.00	45.81 2.67 0.00	45.46 2.45 0.00	45.42 2.37 0.00	48.49 2.61 -1.63	53.38 2.93 -3.24	60.51 3.05 -8.30	53.50 2.60 -7.64	51.81 2.55 -6.04	45.71 2.50 -0.12	44.08 2.14 0.00	42.70 2.15 0.00	42.16 1.93 0.00
RAMAPO___LBMP 323565	45.33 2.32 0.00	44.93 2.10 0.00	42.53 1.87 0.00	41.68 1.79 0.00	41.73 1.76 0.00	42.68 1.76 0.00	45.15 2.19 0.00	45.52 2.29 0.00	43.96 2.09 0.00	46.80 2.44 0.00	45.64 2.54 0.00	47.33 2.68 0.00	45.68 2.55 0.00	45.41 2.41 0.00	45.46 2.41 0.00	48.26 2.79 -1.23	52.63 2.97 -2.44	58.62 3.20 -6.27	51.81 2.77 -5.77	50.51 2.72 -4.56	45.90 2.72 -0.09	44.46 2.52 0.00	43.06 2.51 0.00	42.53 2.29 0.00
RANKINE____ 23646	40.94 -2.06 0.00	40.61 -2.23 0.00	38.75 -1.91 0.00	37.97 -1.91 0.00	37.97 -2.00 0.00	39.04 -1.88 0.00	40.51 -2.45 0.00	40.33 -2.90 0.00	38.72 -3.14 0.00	40.81 -3.55 0.00	39.95 -3.15 0.00	41.74 -2.90 0.00	40.33 -2.80 0.00	40.04 -2.97 0.00	40.12 -2.93 0.00	40.78 -3.67 -0.21	44.79 -2.83 -0.41	46.12 -4.08 -1.05	41.03 -3.20 -0.96	40.53 -3.46 -0.76	40.05 -3.06 -0.01	38.97 -2.98 0.00	37.30 -3.24 0.00	37.90 -2.33 0.00
RAVENSWOOD_GT2_1 24244	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.17 3.23 0.00	43.79 3.24 0.00	43.25 3.02 0.00
RAVENSWOOD_GT2_2 24245	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.17 3.23 0.00	43.79 3.24 0.00	43.25 3.02 0.00
RAVENSWOOD_GT2_3 24246	46.02 3.01 0.00	45.53 2.70 0.00	43.14 2.48 0.00	42.28 2.39 0.00	42.29 2.32 0.00	43.25 2.33 0.00	45.76 2.79 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.64 3.28 0.00	46.54 3.45 0.00	48.22 3.57 0.00	46.59 3.45 0.00	46.32 3.31 0.00	46.36 3.31 0.00	49.24 3.72 -1.28	53.67 3.92 -2.54	59.80 4.13 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.81 3.62 -0.09	45.22 3.27 0.00	43.83 3.28 0.00	43.25 3.02 0.00
RAVENSWOOD_GT2_4 24247	46.02 3.01 0.00	45.53 2.70 0.00	43.14 2.48 0.00	42.28 2.39 0.00	42.29 2.32 0.00	43.25 2.33 0.00	45.76 2.79 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.64 3.28 0.00	46.54 3.45 0.00	48.22 3.57 0.00	46.59 3.45 0.00	46.32 3.31 0.00	46.36 3.31 0.00	49.24 3.72 -1.28	53.67 3.92 -2.54	59.80 4.13 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.81 3.62 -0.09	45.22 3.27 0.00	43.83 3.28 0.00	43.25 3.02 0.00
RAVENSWOOD_GT3_1 24248	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.22 3.27 0.00	43.79 3.24 0.00	43.25 3.02 0.00

RAVENSWOOD_GT3_2 24249	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.22 3.27 0.00	43.79 3.24 0.00	43.25 3.02 0.00
RAVENSWOOD_GT3_3 24250	46.06 3.05 0.00	45.58 2.74 0.00	43.18 2.52 0.00	42.28 2.39 0.00	42.33 2.36 0.00	43.25 2.33 0.00	45.76 2.79 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.69 3.33 0.00	46.59 3.49 0.00	48.26 3.62 0.00	46.59 3.45 0.00	46.32 3.31 0.00	46.41 3.36 0.00	49.28 3.76 -1.28	53.72 3.97 -2.54	59.85 4.18 -6.51	52.89 3.63 -5.99	51.59 3.63 -4.73	46.85 3.66 -0.09	45.26 3.31 0.00	43.83 3.28 0.00	43.29 3.06 0.00
RAVENSWOOD_GT3_4 24251	46.06 3.05 0.00	45.58 2.74 0.00	43.18 2.52 0.00	42.28 2.39 0.00	42.33 2.36 0.00	43.25 2.33 0.00	45.76 2.79 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.69 3.33 0.00	46.59 3.49 0.00	48.26 3.62 0.00	46.59 3.45 0.00	46.32 3.31 0.00	46.41 3.36 0.00	49.28 3.76 -1.28	53.72 3.97 -2.54	59.85 4.18 -6.51	52.89 3.63 -5.99	51.59 3.63 -4.73	46.85 3.66 -0.09	45.26 3.31 0.00	43.83 3.28 0.00	43.29 3.06 0.00
RAVENSWOOD_GT_1 23729	46.28 3.27 -0.01	45.80 2.96 -0.01	43.35 2.68 -0.01	42.49 2.59 -0.01	42.54 2.56 -0.01	43.46 2.54 0.00	45.93 2.96 0.00	46.21 2.98 0.00	44.75 2.89 0.00	47.83 3.46 -0.01	57.73 3.66 -10.97	60.67 3.79 -12.23	52.83 3.67 -6.03	50.74 3.48 -4.25	57.40 3.53 -10.82	49.43 3.89 -1.28	66.35 4.15 -14.98	66.04 4.38 -12.51	54.18 3.81 -7.11	51.77 3.80 -4.74	46.94 3.75 -0.09	52.31 3.48 -6.88	44.06 3.49 -0.02	43.50 3.26 -0.01
RAVENSWOOD_GT_10 24258	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.17 3.23 0.00	43.79 3.24 0.00	43.25 3.02 0.00
RAVENSWOOD_GT_11 24259	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.17 3.23 0.00	43.79 3.24 0.00	43.25 3.02 0.00
RAVENSWOOD_GT_4 24252	45.97 2.97 0.01	45.49 2.66 0.01	43.09 2.44 0.01	42.19 2.31 0.01	42.25 2.28 0.01	43.17 2.25 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.56 3.19 -0.01	54.81 3.36 -8.36	57.44 3.48 -9.31	51.09 3.36 -4.59	49.47 3.23 -3.24	54.52 3.23 -8.24	49.20 3.67 -1.28	63.05 3.82 -12.02	64.26 4.03 -11.07	53.61 3.50 -6.84	51.51 3.54 -4.74	46.76 3.58 -0.09	50.36 3.19 -5.23	43.76 3.20 -0.01	43.20 2.98 0.01
RAVENSWOOD_GT_5 24254	45.97 2.97 0.01	45.49 2.66 0.01	43.09 2.44 0.01	42.19 2.31 0.01	42.25 2.28 0.01	43.17 2.25 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.56 3.19 -0.01	54.81 3.36 -8.36	57.44 3.48 -9.31	51.09 3.36 -4.59	49.47 3.23 -3.24	54.52 3.23 -8.24	49.20 3.67 -1.28	63.05 3.82 -12.02	64.26 4.03 -11.07	53.61 3.50 -6.84	51.51 3.54 -4.74	46.76 3.58 -0.09	50.36 3.19 -5.23	43.76 3.20 -0.01	43.20 2.98 0.01
RAVENSWOOD_GT_6 24253	45.97 2.97 0.01	45.49 2.66 0.01	43.09 2.44 0.01	42.19 2.31 0.01	42.25 2.28 0.01	43.17 2.25 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.56 3.19 -0.01	54.81 3.36 -8.36	57.44 3.48 -9.31	51.09 3.36 -4.59	49.47 3.23 -3.24	54.52 3.23 -8.24	49.20 3.67 -1.28	63.05 3.82 -12.02	64.26 4.03 -11.07	53.61 3.50 -6.84	51.51 3.54 -4.74	46.76 3.58 -0.09	50.36 3.19 -5.23	43.76 3.20 -0.01	43.20 2.98 0.01
RAVENSWOOD_GT_7 24255	45.97 2.97 0.01	45.49 2.66 0.01	43.09 2.44 0.01	42.19 2.31 0.01	42.25 2.28 0.01	43.17 2.25 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.56 3.19 -0.01	54.81 3.36 -8.36	57.44 3.48 -9.31	51.09 3.36 -4.59	49.47 3.23 -3.24	54.52 3.23 -8.24	49.20 3.67 -1.28	63.05 3.82 -12.02	64.26 4.03 -11.07	53.61 3.50 -6.84	51.51 3.54 -4.74	46.76 3.58 -0.09	50.36 3.19 -5.23	43.76 3.20 -0.01	43.20 2.98 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.17 3.23 0.00	43.79 3.24 0.00	43.25 3.02 0.00
RAVENSWOOD_GT_9 24257	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.60 3.24 0.00	46.50 3.40 0.00	48.17 3.53 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.32 3.27 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.17 3.23 0.00	43.79 3.24 0.00	43.25 3.02 0.00
RAVENSWOOD___1 23533	46.24 3.23 -0.01	45.76 2.91 -0.01	43.35 2.68 -0.01	42.45 2.55 -0.01	42.50 2.52 -0.01	43.42 2.50 0.00	45.93 2.96 0.00	46.55 3.33 0.00	45.13 3.27 0.00	47.91 3.55 0.00	46.72 3.62 0.00	48.49 3.84 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.58 3.53 0.00	49.46 3.94 -1.28	53.86 4.11 -2.54	60.05 4.37 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.98 3.79 -0.09	45.43 3.48 -0.01	44.00 3.44 -0.01	43.46 3.22 -0.01
RAVENSWOOD___2 23534	46.24 3.23 -0.01	45.76 2.91 -0.01	43.31 2.64 -0.01	42.45 2.55 -0.01	42.50 2.52 -0.01	43.42 2.50 0.00	45.93 2.96 0.00	46.55 3.33 0.00	45.13 3.27 0.00	47.91 3.55 0.00	46.72 3.62 0.00	48.44 3.79 0.00	46.76 3.62 0.00	46.49 3.48 0.00	46.53 3.49 0.00	49.46 3.94 -1.28	53.86 4.11 -2.54	60.00 4.33 -6.52	53.02 3.76 -5.99	51.72 3.76 -4.73	46.98 3.79 -0.09	45.43 3.48 -0.01	44.00 3.44 -0.01	43.42 3.18 -0.01
RAVENSWOOD___3 23535	46.02 3.01 0.00	45.54 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.75 2.79 0.00	46.47 3.24 0.00	45.04 3.18 0.00	47.73 3.37 0.00	46.50 3.40 0.00	48.26 3.61 0.00	46.55 3.41 0.00	46.27 3.27 0.00	46.36 3.32 0.00	49.24 3.72 -1.28	53.62 3.87 -2.54	59.80 4.13 -6.51	52.81 3.55 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.22 3.27 0.00	43.79 3.24 0.00	43.25 3.02 0.00

RAVENSWOOD___4 23820	46.20 3.18 -0.01	45.71 2.87 -0.01	43.31 2.64 -0.01	42.45 2.55 -0.01	42.46 2.48 -0.01	43.38 2.46 0.00	45.89 2.92 0.00	46.55 3.33 0.00	45.13 3.27 0.00	47.90 3.55 0.01	35.91 3.62 10.81	36.40 3.79 12.04	40.78 3.58 5.93	42.26 3.44 4.19	35.88 3.49 10.65	49.45 3.94 -1.27	41.60 4.11 9.72	54.10 4.33 -0.62	51.92 3.76 -4.89	51.71 3.76 -4.72	46.98 3.79 -0.09	38.62 3.44 6.76	43.98 3.44 0.01	43.42 3.18 -0.01
RCPI_TRUST___DRP 24196	46.02 3.01 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.29 2.32 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.60 3.24 0.00	46.46 3.36 0.00	48.13 3.48 0.00	46.50 3.36 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.24 3.72 -1.28	53.58 3.82 -2.54	59.75 4.08 -6.51	52.76 3.50 -5.99	51.54 3.59 -4.73	46.76 3.58 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.21 2.98 0.00
RED___ROCHESTER 323720	41.24 -1.77 0.00	40.87 -1.97 0.00	38.91 -1.75 0.00	38.13 -1.75 0.00	38.17 -1.80 0.00	39.24 -1.68 0.00	41.12 -1.85 0.00	41.58 -1.64 0.00	40.40 -1.47 0.00	42.01 -2.35 0.00	41.03 -2.07 0.00	42.59 -2.05 0.00	41.29 -1.85 0.00	41.03 -1.98 0.00	41.20 -1.85 0.00	42.81 -1.59 -0.15	45.73 -1.79 -0.30	48.27 -1.67 -0.78	42.86 -1.13 -0.72	42.58 -1.21 -0.57	41.30 -1.81 -0.01	39.76 -2.18 0.00	38.19 -2.35 0.00	38.34 -1.89 0.00
REGAN___SOLAR 323812	49.03 6.02 0.00	48.75 5.91 0.00	46.15 5.49 0.00	45.23 5.35 0.00	45.25 5.28 0.00	46.49 5.56 0.00	49.02 6.06 0.00	49.62 6.40 0.00	48.31 6.44 0.00	51.24 6.88 0.00	49.60 6.51 0.00	51.70 7.05 0.00	49.61 6.47 0.00	49.37 6.36 0.00	49.38 6.33 0.00	52.67 6.64 -1.79	58.37 7.60 -3.55	66.09 7.82 -9.12	58.36 6.71 -8.39	56.55 6.70 -6.63	49.77 6.55 -0.13	48.07 6.12 0.00	46.30 5.76 0.00	45.74 5.51 0.00
RENSSELAER___COGEN 23796	44.47 1.46 0.00	44.12 1.28 0.00	41.80 1.14 0.00	40.96 1.08 0.00	41.09 1.12 0.00	42.07 1.14 0.00	44.30 1.33 0.00	44.82 1.60 0.00	43.12 1.25 0.00	45.56 1.20 0.00	44.26 1.16 0.00	45.98 1.34 0.00	44.30 1.17 0.00	44.08 1.08 0.00	44.13 1.08 0.00	47.11 1.28 -1.58	51.76 1.42 -3.13	58.62 1.43 -8.03	51.92 1.26 -7.39	50.32 1.25 -5.84	44.41 1.20 -0.11	42.99 1.05 0.00	41.64 1.10 0.00	41.28 1.04 0.00
REPUBLIC_115KV_BARTNBRK 55605	47.52 4.52 0.00	47.12 4.28 0.00	44.65 3.98 0.00	43.71 3.83 0.00	43.85 3.88 0.00	44.89 3.97 0.00	47.26 4.30 0.00	47.46 4.24 0.00	46.18 4.31 0.00	49.55 5.19 0.00	48.10 5.00 0.00	50.09 5.45 0.00	48.06 4.92 0.00	47.61 4.60 0.00	47.57 4.52 0.00	50.65 4.78 -1.63	55.83 5.38 -3.23	63.06 5.60 -8.30	55.66 4.76 -7.64	53.97 4.71 -6.03	47.87 4.65 -0.12	46.05 4.11 0.00	44.48 3.93 0.00	43.93 3.70 0.00
REVERE_CPPR_DRP 24186	44.38 1.38 0.00	44.08 1.24 0.00	41.88 1.22 0.00	41.08 1.20 0.00	41.13 1.16 0.00	42.27 1.35 0.00	44.47 1.50 0.00	44.82 1.60 0.00	43.45 1.59 0.00	46.09 1.73 0.00	44.82 1.72 0.00	46.52 1.88 0.00	44.86 1.73 0.00	44.68 1.68 0.00	44.73 1.68 0.00	46.04 1.73 -0.07	49.33 1.98 -0.13	51.41 1.92 -0.34	45.13 1.56 -0.31	44.98 1.51 -0.24	44.35 1.25 0.00	43.08 1.13 0.00	41.52 0.97 0.00	41.16 0.93 0.00
REYNOLDS_115KV_TB3 80639	44.73 1.72 0.00	44.38 1.54 0.00	42.04 1.38 0.00	41.24 1.36 0.00	41.37 1.40 0.00	42.31 1.39 0.00	44.55 1.59 0.00	44.87 1.64 0.00	43.24 1.38 0.00	45.91 1.55 0.00	44.69 1.59 0.00	46.34 1.70 0.00	44.74 1.60 0.00	44.47 1.46 0.00	44.56 1.51 0.00	47.51 1.68 -1.58	52.19 1.84 -3.14	59.08 1.87 -8.05	52.36 1.69 -7.41	50.72 1.64 -5.85	44.85 1.64 -0.11	43.37 1.43 0.00	42.05 1.50 0.00	41.64 1.41 0.00
RIVERBAY____ 323610	46.84 3.83 -0.01	46.44 3.60 -0.01	43.92 3.25 -0.01	43.04 3.15 -0.01	43.10 3.12 -0.01	44.03 3.11 0.00	46.31 3.35 0.00	46.42 3.20 0.00	44.96 3.10 0.00	48.09 3.73 0.00	47.02 3.92 0.00	48.75 4.11 0.00	47.15 4.01 0.00	46.88 3.87 0.00	46.92 3.87 0.00	49.82 4.29 -1.28	54.33 4.58 -2.54	60.54 4.87 -6.52	53.45 4.20 -5.99	52.11 4.15 -4.73	47.28 4.09 -0.09	45.85 3.90 -0.01	44.49 3.93 -0.01	44.06 3.82 -0.01
RIVERSDE_115KV_TB3 55908	44.68 1.68 0.00	44.29 1.46 0.00	41.96 1.30 0.00	41.16 1.28 0.00	41.25 1.28 0.00	42.23 1.31 0.00	44.47 1.50 0.00	44.78 1.56 0.00	43.08 1.21 0.00	45.74 1.38 0.00	44.52 1.42 0.00	46.21 1.56 0.00	44.56 1.42 0.00	44.34 1.33 0.00	44.38 1.33 0.00	47.38 1.55 -1.58	52.06 1.70 -3.14	58.95 1.72 -8.07	52.20 1.51 -7.42	50.60 1.51 -5.86	44.72 1.51 -0.11	43.24 1.30 0.00	41.88 1.34 0.00	41.48 1.25 0.00
ROARING___BROOK_WT_PWR 323790	42.75 -0.26 0.00	42.75 -0.09 0.00	40.62 -0.04 0.00	39.89 0.00 0.00	39.97 0.00 0.00	40.92 0.00 0.00	42.88 -0.09 0.00	42.97 -0.26 0.00	41.61 -0.25 0.00	44.18 -0.18 0.00	42.84 -0.26 0.00	44.34 -0.31 0.00	42.84 -0.30 0.00	42.71 -0.30 0.00	42.70 -0.35 0.00	43.76 -0.49 0.00	46.55 -0.66 0.00	48.37 -0.79 0.00	42.44 -0.82 0.00	42.31 -0.91 0.00	42.19 -0.91 0.00	41.15 -0.80 0.00	39.90 -0.65 0.00	39.67 -0.56 0.00
ROCHESRG_115KV_T4 355643	40.81 -2.19 0.00	40.48 -2.36 0.00	38.55 -2.11 0.00	37.77 -2.11 0.00	37.81 -2.16 0.00	38.88 -2.05 0.00	40.56 -2.41 0.00	40.59 -2.64 0.00	39.18 -2.68 0.00	41.48 -2.88 0.00	40.55 -2.54 0.00	42.24 -2.41 0.00	40.77 -2.37 0.00	40.56 -2.45 0.00	40.60 -2.45 0.00	42.36 -2.04 -0.15	45.16 -2.36 -0.30	47.67 -2.26 -0.78	42.29 -1.69 -0.71	41.93 -1.86 -0.56	40.61 -2.50 -0.01	39.34 -2.60 0.00	37.79 -2.76 0.00	37.98 -2.25 0.00
ROCHESTER_9_IC 23652	41.03 -1.98 0.00	40.69 -2.14 0.00	38.75 -1.91 0.00	37.97 -1.91 0.00	38.01 -1.96 0.00	39.08 -1.84 0.00	40.77 -2.19 0.00	40.85 -2.38 0.00	39.44 -2.43 0.00	41.74 -2.62 0.00	40.81 -2.28 0.00	42.50 -2.14 0.00	41.07 -2.07 0.00	40.81 -2.19 0.00	40.85 -2.20 0.00	42.63 -1.77 -0.15	45.44 -2.08 -0.30	48.02 -1.92 -0.78	42.60 -1.38 -0.72	42.19 -1.60 -0.57	40.87 -2.24 -0.01	39.55 -2.39 0.00	37.99 -2.55 0.00	38.18 -2.05 0.00
ROCKVIEW_13_KV_LD 356306	45.93 2.92 0.00	45.45 2.61 0.00	43.06 2.40 0.00	42.16 2.27 0.00	42.21 2.24 0.00	43.17 2.25 0.00	45.71 2.75 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.60 3.24 0.00	46.46 3.36 0.00	48.17 3.53 0.00	46.50 3.36 0.00	46.23 3.23 0.00	46.32 3.27 0.00	49.20 3.67 -1.28	53.62 3.87 -2.54	59.75 4.08 -6.51	52.81 3.55 -5.99	51.50 3.54 -4.73	46.76 3.58 -0.09	45.13 3.19 0.00	43.71 3.16 0.00	43.13 2.90 0.00
ROME____115KV_TB2 80656	44.38 1.38 0.00	44.08 1.24 0.00	41.88 1.22 0.00	41.08 1.20 0.00	41.13 1.16 0.00	42.27 1.35 0.00	44.47 1.50 0.00	44.82 1.60 0.00	43.45 1.59 0.00	46.09 1.73 0.00	44.82 1.72 0.00	46.52 1.88 0.00	44.86 1.73 0.00	44.68 1.68 0.00	44.73 1.68 0.00	46.04 1.73 -0.07	49.33 1.98 -0.13	51.41 1.92 -0.34	45.13 1.56 -0.31	44.98 1.51 -0.24	44.35 1.25 0.00	43.08 1.13 0.00	41.52 0.97 0.00	41.16 0.93 0.00

ROSETON___1 23587	45.33 2.32 0.00	44.93 2.10 0.00	42.57 1.91 0.00	41.72 1.84 0.00	41.77 1.80 0.00	42.72 1.80 0.00	45.20 2.23 0.00	45.82 2.59 0.00	44.38 2.51 0.00	46.93 2.57 0.00	45.68 2.59 0.00	47.37 2.72 0.00	45.68 2.54 0.00	45.46 2.45 0.00	45.55 2.50 0.00	48.32 2.79 -1.29	52.75 2.98 -2.56	58.87 3.15 -6.56	52.08 2.77 -6.04	50.72 2.72 -4.77	45.90 2.72 -0.09	44.42 2.47 0.00	42.98 2.43 0.00	42.48 2.25 0.00
ROSETON___2 23588	45.33 2.32 0.00	44.93 2.10 0.00	42.57 1.91 0.00	41.72 1.84 0.00	41.77 1.80 0.00	42.72 1.80 0.00	45.20 2.23 0.00	45.82 2.59 0.00	44.38 2.51 0.00	46.93 2.57 0.00	45.68 2.59 0.00	47.37 2.72 0.00	45.68 2.54 0.00	45.46 2.45 0.00	45.55 2.50 0.00	48.32 2.79 -1.29	52.75 2.98 -2.56	58.87 3.15 -6.56	52.08 2.77 -6.04	50.72 2.72 -4.77	45.90 2.72 -0.09	44.42 2.47 0.00	42.98 2.43 0.00	42.48 2.25 0.00
ROTTTRDAM_115KV_TB3 80664	44.64 1.63 0.00	44.38 1.54 0.00	42.08 1.42 0.00	41.24 1.36 0.00	41.33 1.36 0.00	42.31 1.39 0.00	44.51 1.55 0.00	44.82 1.60 0.00	43.37 1.51 0.00	46.09 1.73 0.00	44.86 1.77 0.00	46.52 1.88 0.00	44.91 1.77 0.00	44.68 1.68 0.00	44.69 1.64 0.00	47.71 1.81 -1.64	52.51 2.03 -3.27	59.66 2.11 -8.39	52.80 1.82 -7.72	51.14 1.82 -6.10	44.98 1.77 -0.12	43.54 1.59 0.00	42.13 1.58 0.00	41.72 1.49 0.00
RUSSELL___1 23602	41.24 -1.76 0.00	40.87 -1.97 0.00	38.91 -1.75 0.00	38.13 -1.75 0.00	38.17 -1.80 0.00	39.24 -1.68 0.00	40.94 -2.02 0.00	41.02 -2.20 0.00	39.64 -2.22 0.00	41.97 -2.40 0.00	41.03 -2.07 0.00	42.77 -1.88 0.00	41.28 -1.85 0.00	41.03 -1.98 0.00	41.11 -1.94 0.00	42.85 -1.55 -0.15	45.73 -1.79 -0.30	48.27 -1.67 -0.78	42.86 -1.12 -0.72	42.45 -1.34 -0.57	41.12 -1.98 -0.01	39.80 -2.14 0.00	38.19 -2.35 0.00	38.34 -1.89 0.00
RUSSELL___2 23532	41.24 -1.76 0.00	40.87 -1.97 0.00	38.91 -1.75 0.00	38.13 -1.75 0.00	38.17 -1.80 0.00	39.24 -1.68 0.00	40.94 -2.02 0.00	41.02 -2.20 0.00	39.64 -2.22 0.00	41.97 -2.40 0.00	41.03 -2.07 0.00	42.77 -1.88 0.00	41.28 -1.85 0.00	41.03 -1.98 0.00	41.11 -1.94 0.00	42.85 -1.55 -0.15	45.73 -1.79 -0.30	48.27 -1.67 -0.78	42.86 -1.12 -0.72	42.45 -1.34 -0.57	41.12 -1.98 -0.01	39.80 -2.14 0.00	38.19 -2.35 0.00	38.34 -1.89 0.00
RUSSELL___3 23549	41.24 -1.76 0.00	40.87 -1.97 0.00	38.91 -1.75 0.00	38.13 -1.75 0.00	38.17 -1.80 0.00	39.24 -1.68 0.00	40.94 -2.02 0.00	41.02 -2.20 0.00	39.64 -2.22 0.00	41.97 -2.40 0.00	41.03 -2.07 0.00	42.77 -1.88 0.00	41.28 -1.85 0.00	41.03 -1.98 0.00	41.11 -1.94 0.00	42.85 -1.55 -0.15	45.73 -1.79 -0.30	48.27 -1.67 -0.78	42.86 -1.12 -0.72	42.45 -1.34 -0.57	41.12 -1.98 -0.01	39.80 -2.14 0.00	38.19 -2.35 0.00	38.34 -1.89 0.00
RUSSELL___4 23556	41.24 -1.76 0.00	40.87 -1.97 0.00	38.91 -1.75 0.00	38.13 -1.75 0.00	38.17 -1.80 0.00	39.24 -1.68 0.00	40.94 -2.02 0.00	41.02 -2.20 0.00	39.64 -2.22 0.00	41.97 -2.40 0.00	41.03 -2.07 0.00	42.77 -1.88 0.00	41.28 -1.85 0.00	41.03 -1.98 0.00	41.11 -1.94 0.00	42.85 -1.55 -0.15	45.73 -1.79 -0.30	48.27 -1.67 -0.78	42.86 -1.12 -0.72	42.45 -1.34 -0.57	41.12 -1.98 -0.01	39.80 -2.14 0.00	38.19 -2.35 0.00	38.34 -1.89 0.00
RUSSELL___STATION 23914	41.24 -1.76 0.00	40.87 -1.97 0.00	38.91 -1.75 0.00	38.13 -1.75 0.00	38.17 -1.80 0.00	39.24 -1.68 0.00	40.94 -2.02 0.00	41.02 -2.20 0.00	39.64 -2.22 0.00	41.97 -2.40 0.00	41.03 -2.07 0.00	42.77 -1.88 0.00	41.28 -1.85 0.00	41.03 -1.98 0.00	41.11 -1.94 0.00	42.85 -1.55 -0.15	45.73 -1.79 -0.30	48.27 -1.67 -0.78	42.86 -1.12 -0.72	42.45 -1.34 -0.57	41.12 -1.98 -0.01	39.80 -2.14 0.00	38.19 -2.35 0.00	38.34 -1.89 0.00
S SALMON___HYD 24043	42.06 -0.95 0.00	41.81 -1.03 0.00	39.68 -0.98 0.00	38.93 -0.96 0.00	39.01 -0.96 0.00	40.02 -0.90 0.00	42.02 -0.95 0.00	42.40 -0.82 0.00	41.15 -0.71 0.00	43.56 -0.80 0.00	42.41 -0.69 0.00	43.98 -0.67 0.00	42.49 -0.65 0.00	42.32 -0.69 0.00	42.36 -0.69 0.00	43.63 -0.71 -0.09	46.74 -0.66 -0.18	48.94 -0.69 -0.47	43.09 -0.61 -0.43	42.92 -0.65 -0.34	42.28 -0.82 -0.01	40.98 -0.96 0.00	39.53 -1.01 0.00	39.23 -1.00 0.00
S.PERRY___115KV_TB1 80734	42.92 -0.09 0.00	42.54 -0.30 0.00	40.46 -0.20 0.00	39.69 -0.20 0.00	39.69 -0.28 0.00	40.84 -0.08 0.00	42.62 -0.34 0.00	42.71 -0.52 0.00	41.15 -0.71 0.00	43.47 -0.89 0.00	42.45 -0.65 0.00	44.20 -0.45 0.00	42.49 -0.65 0.00	42.23 -0.77 0.00	42.45 -0.60 0.00	43.98 -0.49 -0.22	47.75 0.09 -0.44	50.14 -0.15 -1.13	44.53 0.22 -1.04	44.05 0.00 -0.82	42.85 -0.26 -0.02	41.40 -0.55 0.00	39.70 -0.85 0.00	39.87 -0.36 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.21 -2.80 0.00	39.84 -3.00 0.00	38.06 -2.60 0.00	37.25 -2.63 0.00	37.25 -2.72 0.00	38.34 -2.58 0.00	39.74 -3.22 0.00	39.51 -3.72 0.00	37.97 -3.89 0.00	40.01 -4.35 0.00	39.13 -3.96 0.00	40.94 -3.71 0.00	39.56 -3.58 0.00	39.31 -3.70 0.00	39.35 -3.70 0.00	40.46 -3.98 -0.20	43.92 -3.68 -0.39	45.69 -4.47 -1.01	40.69 -3.50 -0.93	40.15 -3.80 -0.73	39.27 -3.84 -0.01	38.17 -3.77 0.00	36.57 -3.97 0.00	37.21 -3.02 0.00
SAWYER___23_KV_LOAD 55526	40.21 -2.80 0.00	39.84 -3.00 0.00	38.06 -2.60 0.00	37.25 -2.63 0.00	37.25 -2.72 0.00	38.34 -2.58 0.00	39.74 -3.22 0.00	39.51 -3.72 0.00	37.97 -3.89 0.00	40.01 -4.35 0.00	39.13 -3.96 0.00	40.94 -3.71 0.00	39.56 -3.58 0.00	39.31 -3.70 0.00	39.35 -3.70 0.00	40.46 -3.98 -0.20	43.92 -3.68 -0.39	45.69 -4.47 -1.01	40.69 -3.50 -0.93	40.15 -3.80 -0.73	39.27 -3.84 -0.01	38.17 -3.77 0.00	36.57 -3.97 0.00	37.21 -3.02 0.00
SELKIRK___I 23801	44.77 1.76 0.00	44.42 1.59 0.00	42.12 1.46 0.00	41.28 1.40 0.00	41.37 1.40 0.00	42.35 1.43 0.00	44.60 1.63 0.00	45.04 1.82 0.00	43.45 1.59 0.00	45.91 1.55 0.00	44.65 1.55 0.00	46.39 1.74 0.00	44.69 1.55 0.00	44.47 1.46 0.00	44.51 1.46 0.00	47.44 1.64 -1.55	52.09 1.79 -3.08	58.83 1.77 -7.91	52.10 1.56 -7.28	50.53 1.55 -5.75	44.76 1.55 -0.11	43.33 1.38 0.00	41.96 1.42 0.00	41.60 1.37 0.00
SELKIRK___II 23799	44.51 1.50 0.00	44.16 1.33 0.00	41.84 1.18 0.00	41.04 1.16 0.00	41.13 1.16 0.00	42.11 1.19 0.00	44.34 1.37 0.00	44.82 1.60 0.00	43.24 1.38 0.00	45.69 1.33 0.00	44.43 1.34 0.00	46.12 1.47 0.00	44.48 1.34 0.00	44.21 1.20 0.00	44.30 1.25 0.00	47.23 1.42 -1.57	51.89 1.56 -3.12	58.73 1.57 -8.00	52.01 1.38 -7.36	50.42 1.38 -5.81	44.59 1.38 -0.11	43.12 1.17 0.00	41.76 1.22 0.00	41.40 1.17 0.00
SENECA OSWGO___HYD 24041	41.76 -1.25 0.00	41.51 -1.33 0.00	39.36 -1.30 0.00	38.61 -1.28 0.00	38.69 -1.28 0.00	39.65 -1.27 0.00	41.68 -1.29 0.00	42.06 -1.17 0.00	40.82 -1.04 0.00	43.12 -1.24 0.00	42.02 -1.08 0.00	43.57 -1.07 0.00	42.10 -1.04 0.00	41.89 -1.12 0.00	41.93 -1.12 0.00	43.29 -1.06 -0.10	46.33 -1.08 -0.20	48.55 -1.13 -0.52	42.80 -0.95 -0.48	42.61 -0.99 -0.38	41.94 -1.16 -0.01	40.69 -1.26 0.00	39.25 -1.30 0.00	38.98 -1.25 0.00

SENECA___115KV_TB3 355854	41.03 -1.98 0.00	40.69 -2.14 0.00	38.83 -1.83 0.00	38.05 -1.83 0.00	38.05 -1.92 0.00	39.12 -1.80 0.00	40.60 -2.36 0.00	40.41 -2.81 0.00	38.77 -3.10 0.00	40.90 -3.46 0.00	39.99 -3.10 0.00	41.83 -2.81 0.00	40.42 -2.72 0.00	40.13 -2.88 0.00	40.16 -2.88 0.00	40.87 -3.58 -0.21	44.88 -2.74 -0.41	46.22 -3.98 -1.05	41.11 -3.12 -0.96	40.61 -3.37 -0.76	40.14 -2.97 -0.01	39.01 -2.94 0.00	37.38 -3.16 0.00	37.98 -2.25 0.00
SENECA___ENERGY 23797	42.06 -0.95 0.00	41.77 -1.07 0.00	39.73 -0.93 0.00	38.93 -0.96 0.00	39.01 -0.96 0.00	40.02 -0.90 0.00	42.02 -0.95 0.00	42.45 -0.78 0.00	41.24 -0.63 0.00	43.25 -1.11 0.00	42.15 -0.95 0.00	43.71 -0.94 0.00	42.23 -0.91 0.00	41.97 -1.03 0.00	42.10 -0.95 0.00	43.48 -0.93 -0.17	46.79 -0.76 -0.33	49.12 -0.88 -0.84	43.39 -0.65 -0.78	43.10 -0.74 -0.61	42.12 -0.99 -0.01	40.81 -1.13 0.00	39.37 -1.18 0.00	39.19 -1.05 0.00
SHOEMAKER___GT 23640	45.03 2.02 0.00	44.63 1.80 0.00	42.29 1.63 0.00	41.44 1.55 0.00	41.49 1.52 0.00	42.48 1.55 0.00	44.85 1.89 0.00	45.47 2.25 0.00	44.00 2.13 0.00	46.53 2.17 0.00	45.25 2.15 0.00	46.92 2.28 0.00	45.25 2.11 0.00	44.99 1.98 0.00	45.07 2.02 0.00	47.81 2.39 -1.17	52.14 2.60 -2.33	57.88 2.75 -5.97	51.14 2.38 -5.50	49.90 2.33 -4.34	45.51 2.33 -0.08	44.04 2.10 0.00	42.61 2.07 0.00	42.12 1.89 0.00
SHOEMAKR_138KV_BK 111 55601	45.03 2.02 0.00	44.63 1.80 0.00	42.29 1.63 0.00	41.44 1.56 0.00	41.49 1.52 0.00	42.44 1.51 0.00	44.81 1.85 0.00	45.17 1.95 0.00	43.66 1.80 0.00	46.40 2.04 0.00	45.25 2.15 0.00	46.88 2.23 0.00	45.25 2.11 0.00	44.98 1.98 0.00	45.07 2.02 0.00	47.80 2.39 -1.16	52.08 2.55 -2.31	57.85 2.75 -5.94	51.11 2.38 -5.46	49.83 2.29 -4.31	45.51 2.33 -0.08	44.04 2.10 0.00	42.61 2.07 0.00	42.12 1.89 0.00
SHOREHAM_IC_1 23715	54.01 4.22 -6.78	48.33 3.94 -1.55	44.32 3.66 0.00	43.51 3.63 0.00	43.45 3.48 0.00	44.15 3.23 0.00	50.19 4.12 -3.10	53.03 4.58 -5.22	58.49 4.52 -12.11	63.70 4.66 -14.69	48.70 4.70 -0.90	55.38 4.82 -5.91	50.10 4.44 -2.51	49.51 4.39 -2.11	52.40 4.35 -5.00	52.57 4.74 -3.58	65.64 5.10 -13.32	78.97 5.41 -24.41	56.72 4.72 -8.73	52.62 4.54 -4.85	48.38 4.78 -0.50	47.74 4.57 -1.22	52.26 4.46 -7.25	46.21 4.39 -1.59
SHOREHAM_IC_2 23716	54.01 4.22 -6.78	48.33 3.94 -1.55	44.32 3.66 0.00	43.51 3.63 0.00	43.45 3.48 0.00	44.15 3.23 0.00	50.19 4.12 -3.10	53.03 4.58 -5.22	58.49 4.52 -12.11	63.70 4.66 -14.69	48.70 4.70 -0.90	55.38 4.82 -5.91	50.10 4.44 -2.51	49.51 4.39 -2.11	52.40 4.35 -5.00	52.57 4.74 -3.58	65.64 5.10 -13.32	78.97 5.41 -24.41	56.72 4.72 -8.73	52.62 4.54 -4.85	48.38 4.78 -0.50	47.74 4.57 -1.22	52.26 4.46 -7.25	46.21 4.39 -1.59
SISSONVILLE___ 23735	41.63 -1.38 0.00	41.81 -1.03 0.00	39.89 -0.77 0.00	39.17 -0.72 0.00	39.33 -0.64 0.00	40.19 -0.74 0.00	42.02 -0.95 0.00	42.27 -0.95 0.00	41.11 -0.75 0.00	43.47 -0.89 0.00	42.02 -1.08 0.00	43.49 -1.16 0.00	42.06 -1.08 0.00	42.06 -0.95 0.00	41.97 -1.08 0.00	42.96 -1.28 0.00	45.75 -1.46 0.00	47.78 -1.38 0.00	41.84 -1.43 0.00	41.93 -1.30 0.00	41.80 -1.29 0.00	40.81 -1.13 0.00	39.45 -1.09 0.00	39.15 -1.09 0.00
SITHE_IND_GS1 24169	41.24 -1.77 0.00	41.04 -1.80 0.00	38.95 -1.71 0.00	38.17 -1.71 0.00	38.26 -1.72 0.00	39.20 -1.72 0.00	41.20 -1.76 0.00	41.54 -1.69 0.00	40.27 -1.59 0.00	42.50 -1.86 0.00	41.37 -1.73 0.00	42.90 -1.74 0.00	41.46 -1.68 0.00	41.28 -1.72 0.00	41.33 -1.72 0.00	42.65 -1.68 -0.08	45.58 -1.79 -0.16	47.75 -1.82 -0.41	42.09 -1.56 -0.37	41.92 -1.60 -0.30	41.38 -1.73 -0.01	40.14 -1.80 0.00	38.76 -1.78 0.00	38.50 -1.73 0.00
SITHE_IND_GS2 24170	41.24 -1.77 0.00	41.04 -1.80 0.00	38.95 -1.71 0.00	38.17 -1.71 0.00	38.26 -1.72 0.00	39.20 -1.72 0.00	41.20 -1.76 0.00	41.54 -1.69 0.00	40.27 -1.59 0.00	42.50 -1.86 0.00	41.37 -1.73 0.00	42.90 -1.74 0.00	41.46 -1.68 0.00	41.28 -1.72 0.00	41.33 -1.72 0.00	42.65 -1.68 -0.08	45.58 -1.79 -0.16	47.75 -1.82 -0.41	42.09 -1.56 -0.37	41.92 -1.60 -0.30	41.38 -1.73 -0.01	40.14 -1.80 0.00	38.76 -1.78 0.00	38.50 -1.73 0.00
SITHE_IND_GS3 24171	41.24 -1.77 0.00	41.04 -1.80 0.00	38.95 -1.71 0.00	38.17 -1.71 0.00	38.26 -1.72 0.00	39.20 -1.72 0.00	41.20 -1.76 0.00	41.54 -1.69 0.00	40.27 -1.59 0.00	42.50 -1.86 0.00	41.37 -1.73 0.00	42.90 -1.74 0.00	41.46 -1.68 0.00	41.28 -1.72 0.00	41.33 -1.72 0.00	42.65 -1.68 -0.08	45.58 -1.79 -0.16	47.75 -1.82 -0.41	42.09 -1.56 -0.37	41.92 -1.60 -0.30	41.38 -1.73 -0.01	40.14 -1.80 0.00	38.76 -1.78 0.00	38.50 -1.73 0.00
SITHE_IND_GS4 24172	41.24 -1.77 0.00	41.04 -1.80 0.00	38.95 -1.71 0.00	38.17 -1.71 0.00	38.26 -1.72 0.00	39.20 -1.72 0.00	41.20 -1.76 0.00	41.54 -1.69 0.00	40.27 -1.59 0.00	42.50 -1.86 0.00	41.37 -1.73 0.00	42.90 -1.74 0.00	41.46 -1.68 0.00	41.28 -1.72 0.00	41.33 -1.72 0.00	42.65 -1.68 -0.08	45.58 -1.79 -0.16	47.75 -1.82 -0.41	42.09 -1.56 -0.37	41.92 -1.60 -0.30	41.38 -1.73 -0.01	40.14 -1.80 0.00	38.76 -1.78 0.00	38.50 -1.73 0.00
SITHE___BATAVIA 24024	41.03 -1.98 0.00	40.61 -2.23 0.00	38.75 -1.91 0.00	37.97 -1.91 0.00	37.98 -2.00 0.00	39.12 -1.80 0.00	40.86 -2.10 0.00	41.32 -1.90 0.00	40.11 -1.76 0.00	41.30 -3.06 0.00	40.38 -2.71 0.00	41.92 -2.72 0.00	40.72 -2.41 0.00	40.43 -2.58 0.00	40.64 -2.41 0.00	41.99 -2.43 -0.18	45.25 -2.31 -0.35	47.40 -2.66 -0.90	42.19 -1.90 -0.83	41.89 -1.99 -0.65	40.61 -2.50 -0.01	39.22 -2.73 0.00	37.55 -3.00 0.00	38.02 -2.21 0.00
SITHE___INDEPEND 23800	41.24 -1.76 0.00	41.04 -1.80 0.00	38.95 -1.71 0.00	38.17 -1.72 0.00	38.25 -1.72 0.00	39.20 -1.72 0.00	41.16 -1.80 0.00	41.37 -1.86 0.00	40.06 -1.80 0.00	42.50 -1.86 0.00	41.37 -1.72 0.00	42.95 -1.70 0.00	41.46 -1.68 0.00	41.29 -1.72 0.00	41.33 -1.72 0.00	42.65 -1.68 -0.08	45.58 -1.79 -0.16	47.75 -1.82 -0.41	42.08 -1.56 -0.37	41.88 -1.64 -0.30	41.34 -1.77 -0.01	40.14 -1.80 0.00	38.76 -1.78 0.00	38.50 -1.73 0.00
SITHE___MASSENA 23902	42.66 -0.35 0.00	42.79 -0.04 0.00	40.78 0.12 0.00	40.01 0.12 0.00	40.17 0.20 0.00	41.05 0.12 0.00	42.84 -0.13 0.00	42.71 -0.52 0.00	41.40 -0.46 0.00	44.18 -0.18 0.00	42.84 -0.26 0.00	44.29 -0.36 0.00	42.88 -0.26 0.00	42.88 -0.13 0.00	42.84 -0.21 0.00	43.85 -0.40 0.00	46.70 -0.52 0.00	48.71 -0.44 0.00	42.75 -0.52 0.00	42.79 -0.43 0.00	42.75 -0.35 0.00	41.78 -0.17 0.00	40.43 -0.12 0.00	40.15 -0.08 0.00
SITHE___OGDNSBRG 24021	42.75 -0.26 0.00	42.92 0.09 0.00	40.90 0.24 0.00	40.16 0.28 0.00	40.29 0.32 0.00	41.21 0.29 0.00	43.14 0.17 0.00	43.40 0.17 0.00	42.20 0.33 0.00	44.58 0.22 0.00	43.10 0.00 0.00	44.60 -0.04 0.00	43.14 0.00 0.00	43.18 0.17 0.00	43.09 0.04 0.00	44.11 -0.13 0.00	46.98 -0.24 0.00	49.01 -0.15 0.00	42.92 -0.35 0.00	43.05 -0.17 0.00	42.92 -0.17 0.00	41.90 -0.04 0.00	40.51 -0.04 0.00	40.19 -0.04 0.00

SITHE___STERLING 23777	44.04 1.03 0.00	43.78 0.94 0.00	41.55 0.89 0.00	40.76 0.88 0.00	40.85 0.88 0.00	41.95 1.02 0.00	44.16 1.20 0.00	44.61 1.38 0.00	43.29 1.42 0.00	45.69 1.33 0.00	44.43 1.34 0.00	46.07 1.43 0.00	44.48 1.34 0.00	44.25 1.25 0.00	44.34 1.29 0.00	45.70 1.37 -0.08	48.92 1.56 -0.15	51.02 1.47 -0.39	44.84 1.21 -0.36	44.68 1.17 -0.28	44.05 0.95 -0.01	42.74 0.79 0.00	41.24 0.69 0.00	40.92 0.68 0.00
SLEIGHT__34_KV_TB1 80719	41.37 -1.63 0.00	41.04 -1.80 0.00	39.03 -1.63 0.00	38.25 -1.64 0.00	38.29 -1.68 0.00	39.37 -1.56 0.00	41.16 -1.80 0.00	41.37 -1.86 0.00	40.02 -1.84 0.00	42.50 -1.86 0.00	41.50 -1.59 0.00	43.17 -1.47 0.00	41.67 -1.47 0.00	41.42 -1.59 0.00	41.46 -1.59 0.00	43.11 -1.28 -0.15	46.05 -1.46 -0.30	48.55 -1.38 -0.77	42.98 -1.00 -0.71	42.57 -1.21 -0.56	41.43 -1.68 -0.01	40.10 -1.85 0.00	38.60 -1.95 0.00	38.54 -1.69 0.00
SOUTH CAIRO___GT 23612	46.36 3.36 0.00	45.92 3.09 0.00	43.46 2.80 0.00	42.60 2.71 0.00	42.69 2.72 0.00	43.74 2.82 0.00	45.84 2.88 0.00	46.34 3.11 0.00	44.67 2.81 0.00	47.20 2.84 0.00	45.73 2.63 0.00	47.46 2.81 0.00	45.60 2.46 0.00	45.20 2.19 0.00	45.37 2.32 0.00	48.26 2.52 -1.49	53.30 3.12 -2.97	59.73 2.95 -7.62	52.87 2.60 -7.01	51.14 2.38 -5.54	45.83 2.63 -0.11	44.25 2.31 0.00	42.73 2.19 0.00	42.44 2.21 0.00
SOUTH HAMPTN___IC 23720	54.60 4.82 -6.78	48.89 4.50 -1.55	44.81 4.15 0.00	43.99 4.11 0.00	43.93 3.96 0.00	44.68 3.76 0.00	50.79 4.73 -3.10	53.63 5.18 -5.22	59.03 5.06 -12.11	64.32 5.28 -14.69	49.34 5.34 -0.90	55.98 5.49 -5.85	50.78 5.13 -2.51	50.19 5.07 -2.11	53.05 5.03 -4.97	53.25 5.44 -3.56	66.22 5.81 -13.20	79.55 6.19 -24.20	57.33 5.36 -8.70	53.26 5.18 -4.85	48.99 5.39 -0.50	48.24 5.07 -1.22	52.68 4.94 -7.19	46.65 4.83 -1.59
SOUTHDOW_115KV_TB1 355954	43.09 0.09 0.00	42.75 -0.09 0.00	40.74 0.08 0.00	39.89 0.00 0.00	39.89 -0.08 0.00	41.00 0.08 0.00	42.66 -0.30 0.00	42.58 -0.65 0.00	40.82 -1.05 0.00	43.07 -1.29 0.00	42.15 -0.95 0.00	44.02 -0.63 0.00	42.49 -0.65 0.00	42.19 -0.82 0.00	42.27 -0.77 0.00	42.52 -1.95 -0.22	47.37 -0.28 -0.44	48.21 -2.06 -1.12	42.87 -1.43 -1.03	42.31 -1.73 -0.81	42.38 -0.73 -0.02	41.15 -0.80 0.00	39.37 -1.18 0.00	39.87 -0.36 0.00
SOUTHOLD_69_KV_BK 2 55809	55.42 5.63 -6.78	49.70 5.31 -1.55	45.54 4.88 0.00	44.71 4.83 0.00	44.65 4.68 0.00	45.42 5.46 0.00	51.52 5.62 -3.10	54.07 5.44 -5.22	59.41 6.03 -12.11	65.08 6.29 -14.69	50.29 6.29 -0.90	56.92 6.43 -5.85	51.69 6.04 -2.51	51.10 5.98 -2.11	53.91 5.90 -4.96	54.18 6.37 -3.56	67.26 6.85 -13.20	80.68 7.32 -24.19	58.28 6.32 -8.70	54.17 6.09 -4.85	49.93 6.34 -0.50	49.04 5.87 -1.22	53.41 5.68 -7.19	47.33 5.51 -1.59
SOUTHOLD___IC 23719	55.42 5.63 -6.78	49.70 5.31 -1.55	45.54 4.88 0.00	44.71 4.82 0.00	44.65 4.67 0.00	45.42 5.46 0.00	51.61 5.54 -3.10	54.50 6.05 -5.22	59.87 5.90 -12.11	65.17 6.12 -14.69	50.29 6.29 -0.90	56.96 6.47 -5.85	51.69 6.04 -2.51	51.10 5.98 -2.11	53.96 5.94 -4.96	54.22 6.41 -3.56	67.25 6.84 -13.20	80.68 7.33 -24.19	58.28 6.32 -8.70	54.21 6.14 -4.85	49.89 6.29 -0.50	49.04 5.87 -1.22	53.41 5.68 -7.19	47.34 5.51 -1.59
SOUTH_FORK_WT_PWR 323839	55.51 5.72 -6.78	49.79 5.40 -1.55	45.62 4.96 0.00	44.79 4.90 0.00	44.73 4.75 0.00	45.50 4.58 0.00	51.69 5.63 -3.10	54.54 6.10 -5.22	59.95 5.99 -12.11	65.26 6.21 -14.69	50.38 6.38 -0.90	57.06 6.57 -5.85	51.77 6.12 -2.51	51.14 6.02 -2.11	54.04 6.03 -4.96	54.31 6.51 -3.56	67.31 6.89 -13.20	80.78 7.42 -24.20	58.37 6.40 -8.70	54.26 6.18 -4.85	49.94 6.34 -0.50	49.08 5.92 -1.22	53.49 5.76 -7.19	47.41 5.59 -1.59
SPIERFLS_115KV_TB 1 80737	45.11 2.11 0.00	44.76 1.93 0.00	42.49 1.83 0.00	41.68 1.79 0.00	41.77 1.80 0.00	42.68 1.76 0.00	44.94 1.98 0.00	45.04 1.82 0.00	43.75 1.88 0.00	46.71 2.35 0.00	45.38 2.28 0.00	47.19 2.54 0.00	45.43 2.29 0.00	45.07 2.06 0.00	45.03 1.98 0.00	48.09 2.21 -1.63	52.95 2.50 -3.24	60.07 2.61 -8.31	53.12 2.21 -7.65	51.43 2.16 -6.04	45.32 2.11 -0.12	43.75 1.80 0.00	42.37 1.82 0.00	41.88 1.65 0.00
ST LAWRENCE____ 23600	42.45 -0.56 0.00	42.54 -0.30 0.00	40.50 -0.16 0.00	39.77 -0.12 0.00	39.89 -0.08 0.00	40.76 -0.16 0.00	42.53 -0.43 0.00	42.45 -0.78 0.00	41.11 -0.75 0.00	43.87 -0.49 0.00	42.49 -0.60 0.00	43.93 -0.72 0.00	42.54 -0.60 0.00	42.53 -0.47 0.00	42.49 -0.56 0.00	43.49 -0.75 0.00	46.32 -0.90 0.00	48.32 -0.84 0.00	42.40 -0.87 0.00	42.45 -0.78 0.00	42.49 -0.60 0.00	41.52 -0.42 0.00	40.18 -0.37 0.00	39.87 -0.36 0.00
STATE_CA_115KV_115_LB 55624	44.73 1.72 0.00	44.33 1.50 0.00	42.00 1.34 0.00	41.20 1.32 0.00	41.29 1.32 0.00	42.27 1.35 0.00	44.47 1.50 0.00	44.82 1.60 0.00	43.08 1.21 0.00	45.78 1.42 0.00	44.56 1.47 0.00	46.25 1.61 0.00	44.61 1.47 0.00	44.34 1.33 0.00	44.38 1.33 0.00	47.39 1.55 -1.59	52.08 1.70 -3.16	59.00 1.72 -8.12	52.25 1.51 -7.47	50.64 1.51 -5.90	44.72 1.51 -0.11	43.20 1.26 0.00	41.84 1.30 0.00	41.48 1.25 0.00
STATE_ST_34_KV_LOAD 55959	42.62 -0.39 0.00	42.32 -0.51 0.00	40.21 -0.45 0.00	39.41 -0.48 0.00	39.45 -0.52 0.00	40.51 -0.41 0.00	42.49 -0.47 0.00	42.75 -0.48 0.00	41.40 -0.46 0.00	43.96 -0.40 0.00	42.88 -0.22 0.00	44.51 -0.13 0.00	42.92 -0.22 0.00	42.71 -0.30 0.00	42.75 -0.30 0.00	44.19 -0.22 -0.16	47.49 -0.05 -0.32	49.89 -0.10 -0.83	44.03 0.00 -0.77	43.70 -0.13 -0.60	42.81 -0.30 -0.01	41.48 -0.46 0.00	39.98 -0.57 0.00	39.75 -0.48 0.00
STATION 5_MISC_HYD 23604	41.03 -1.98 0.00	40.69 -2.14 0.00	38.75 -1.91 0.00	37.97 -1.91 0.00	38.02 -1.96 0.00	39.08 -1.84 0.00	40.95 -2.02 0.00	41.41 -1.81 0.00	40.19 -1.68 0.00	41.79 -2.57 0.00	40.81 -2.29 0.00	42.37 -2.28 0.00	41.07 -2.07 0.00	40.81 -2.19 0.00	40.94 -2.11 0.00	42.58 -1.82 -0.15	45.44 -2.08 -0.30	48.02 -1.92 -0.78	42.60 -1.39 -0.72	42.32 -1.47 -0.57	41.04 -2.07 -0.01	39.55 -2.39 0.00	37.99 -2.55 0.00	38.18 -2.05 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	41.89 -1.12 0.00	41.55 -1.29 0.00	39.56 -1.10 0.00	38.77 -1.12 0.00	38.81 -1.16 0.00	39.90 -1.02 0.00	41.72 -1.25 0.00	41.84 -1.38 0.00	40.48 -1.38 0.00	42.94 -1.42 0.00	41.93 -1.16 0.00	43.62 -1.03 0.00	42.10 -1.04 0.00	41.85 -1.16 0.00	41.93 -1.12 0.00	43.52 -0.88 -0.15	46.62 -0.90 -0.31	49.06 -0.88 -0.79	43.43 -0.56 -0.73	43.06 -0.73 -0.57	41.94 -1.16 -0.01	40.56 -1.38 0.00	39.05 -1.50 0.00	38.99 -1.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.90 -2.11 0.00	40.57 -2.27 0.00	38.63 -2.03 0.00	37.85 -2.03 0.00	37.89 -2.08 0.00	38.96 -1.96 0.00	40.64 -2.32 0.00	40.76 -2.46 0.00	39.39 -2.47 0.00	41.74 -2.62 0.00	40.77 -2.33 0.00	42.46 -2.19 0.00	40.98 -2.16 0.00	40.77 -2.24 0.00	40.81 -2.24 0.00	42.54 -1.86 -0.15	45.39 -2.12 -0.30	47.92 -2.02 -0.78	42.51 -1.47 -0.71	42.10 -1.69 -0.56	40.82 -2.28 -0.01	39.51 -2.43 0.00	37.95 -2.59 0.00	38.06 -2.17 0.00

STA_56___34_KV_BUS2 355983	40.90 -2.11 0.00	40.57 -2.27 0.00	38.63 -2.03 0.00	37.85 -2.03 0.00	37.89 -2.08 0.00	38.96 -1.96 0.00	40.64 -2.32 0.00	40.76 -2.46 0.00	39.39 -2.47 0.00	41.74 -2.62 0.00	40.77 -2.33 0.00	42.46 -2.19 0.00	40.98 -2.16 0.00	40.77 -2.24 0.00	40.81 -2.24 0.00	42.54 -1.86 -0.15	45.39 -2.12 -0.30	47.92 -2.02 -0.78	42.51 -1.47 -0.71	42.10 -1.69 -0.56	40.82 -2.28 -0.01	39.51 -2.43 0.00	37.95 -2.59 0.00	38.06 -2.17 0.00
STA_67___115KV_BK2 355882	40.99 -2.02 0.00	40.61 -2.23 0.00	38.67 -1.99 0.00	37.89 -1.99 0.00	37.93 -2.04 0.00	39.00 -1.92 0.00	40.69 -2.28 0.00	40.76 -2.46 0.00	39.35 -2.51 0.00	41.65 -2.71 0.00	40.68 -2.41 0.00	42.41 -2.23 0.00	40.94 -2.20 0.00	40.73 -2.28 0.00	40.77 -2.28 0.00	42.54 -1.86 -0.15	45.35 -2.17 -0.30	47.87 -2.06 -0.78	42.47 -1.51 -0.72	42.11 -1.69 -0.57	40.78 -2.33 -0.01	39.47 -2.47 0.00	37.91 -2.64 0.00	38.10 -2.13 0.00
STA_7___115KV_9TRANS 80674	41.24 -1.76 0.00	40.87 -1.97 0.00	38.91 -1.75 0.00	38.13 -1.75 0.00	38.17 -1.80 0.00	39.24 -1.68 0.00	40.94 -2.02 0.00	41.02 -2.20 0.00	39.64 -2.22 0.00	41.97 -2.40 0.00	41.03 -2.07 0.00	42.77 -1.88 0.00	41.28 -1.85 0.00	41.03 -1.98 0.00	41.11 -1.94 0.00	42.85 -1.55 -0.15	45.73 -1.79 -0.30	48.27 -1.67 -0.78	42.86 -1.12 -0.72	42.45 -1.34 -0.57	41.12 -1.98 -0.01	39.80 -2.14 0.00	38.19 -2.35 0.00	38.34 -1.89 0.00
STA_82___115KV_TB1 80780	40.99 -2.02 0.00	40.65 -2.18 0.00	38.71 -1.95 0.00	37.93 -1.95 0.00	37.97 -2.00 0.00	39.04 -1.88 0.00	40.73 -2.23 0.00	40.76 -2.46 0.00	39.39 -2.47 0.00	41.70 -2.66 0.00	40.73 -2.37 0.00	42.46 -2.19 0.00	40.98 -2.16 0.00	40.73 -2.28 0.00	40.77 -2.28 0.00	42.54 -1.86 -0.15	45.35 -2.17 -0.31	47.93 -2.02 -0.79	42.52 -1.47 -0.72	42.11 -1.69 -0.57	40.78 -2.33 -0.01	39.51 -2.43 0.00	37.95 -2.59 0.00	38.10 -2.13 0.00
STEEL___WIND 323596	40.99 -2.02 0.00	40.65 -2.18 0.00	38.79 -1.87 0.00	38.01 -1.87 0.00	38.02 -1.96 0.00	39.08 -1.84 0.00	40.82 -2.15 0.00	41.19 -2.03 0.00	39.90 -1.97 0.00	40.86 -3.51 0.00	39.95 -3.14 0.00	41.52 -3.13 0.00	40.38 -2.76 0.00	40.08 -2.93 0.00	40.25 -2.80 0.00	40.91 -3.54 -0.21	44.84 -2.79 -0.41	46.17 -4.03 -1.05	41.07 -3.16 -0.96	40.74 -3.24 -0.76	39.92 -3.19 -0.01	38.97 -2.98 0.00	37.34 -3.20 0.00	37.94 -2.29 0.00
STEPHTWN_115KV_BK_2 55603	45.07 2.06 0.00	44.68 1.84 0.00	42.33 1.67 0.00	41.48 1.60 0.00	41.61 1.64 0.00	42.64 1.72 0.00	44.85 1.89 0.00	45.21 1.99 0.00	43.54 1.67 0.00	46.22 1.86 0.00	44.99 1.90 0.00	46.70 2.05 0.00	44.99 1.85 0.00	44.73 1.72 0.00	44.77 1.72 0.00	47.72 1.90 -1.58	52.52 2.17 -3.13	59.45 2.26 -8.03	52.65 1.99 -7.39	51.01 1.95 -5.84	45.15 1.94 -0.11	43.62 1.68 0.00	42.25 1.70 0.00	41.88 1.65 0.00
STEBUBEN_REC_LFGE 323667	43.14 0.13 0.00	42.79 -0.04 0.00	40.74 0.08 0.00	39.97 0.08 0.00	40.01 0.04 0.00	41.04 0.12 0.00	42.75 -0.21 0.00	42.71 -0.52 0.00	41.07 -0.80 0.00	43.38 -0.98 0.00	42.45 -0.65 0.00	44.16 -0.49 0.00	42.54 -0.60 0.00	42.15 -0.86 0.00	42.36 -0.69 0.00	43.38 -1.15 -0.28	47.54 -0.24 -0.57	49.63 -0.98 -1.45	44.04 -0.56 -1.34	43.55 -0.73 -1.06	42.73 -0.39 -0.02	41.44 -0.50 0.00	39.82 -0.73 0.00	40.03 -0.20 0.00
STILLWATER___SOLAR 323814	45.41 2.41 0.00	45.10 2.27 0.00	42.73 2.07 0.00	41.92 2.03 0.00	42.01 2.04 0.00	43.01 2.09 0.00	45.28 2.32 0.00	45.73 2.51 0.00	44.33 2.47 0.00	46.98 2.62 0.00	45.64 2.54 0.00	47.46 2.81 0.00	45.68 2.54 0.00	45.41 2.41 0.00	45.42 2.37 0.00	48.48 2.61 -1.62	53.32 2.88 -3.22	60.43 3.00 -8.27	53.47 2.60 -7.61	51.79 2.55 -6.01	45.71 2.50 -0.12	44.21 2.26 0.00	42.78 2.23 0.00	42.32 2.09 0.00
STONY___BROOK 24151	53.92 4.13 -6.78	48.20 3.81 -1.55	44.16 3.50 0.00	43.27 3.39 0.00	43.21 3.24 0.00	43.87 2.95 0.00	49.89 3.82 -3.10	52.73 4.28 -5.22	58.15 4.19 -12.11	63.40 4.35 -14.69	48.31 4.31 -0.90	55.95 4.64 -6.66	50.17 4.44 -2.58	49.48 4.34 -2.13	52.82 4.35 -5.43	52.93 4.78 -3.91	67.15 5.10 -14.83	81.38 5.31 -26.91	56.92 4.54 -9.12	52.63 4.54 -4.87	48.35 4.74 -0.51	47.55 4.36 -1.24	52.85 4.30 -8.00	45.97 4.14 -1.60
STURGEON_POOL_HYD 23609	45.54 2.54 0.00	45.11 2.27 0.00	42.69 2.03 0.00	41.84 1.95 0.00	41.89 1.92 0.00	42.85 1.92 0.00	45.24 2.28 0.00	45.56 2.33 0.00	44.12 2.26 0.00	46.98 2.62 0.00	45.81 2.72 0.00	47.46 2.81 0.00	45.81 2.67 0.00	45.50 2.49 0.00	45.59 2.54 0.00	48.31 2.74 -1.32	53.00 3.16 -2.62	59.03 3.15 -6.73	52.23 2.77 -6.19	50.75 2.64 -4.89	46.08 2.89 -0.09	44.59 2.64 0.00	43.14 2.59 0.00	42.61 2.37 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.24 2.24 0.00	44.85 2.01 0.00	42.45 1.79 0.00	41.60 1.72 0.00	41.65 1.68 0.00	42.60 1.68 0.00	45.03 2.06 0.00	45.39 2.16 0.00	43.87 2.01 0.00	46.67 2.31 0.00	45.51 2.41 0.00	47.15 2.50 0.00	45.51 2.37 0.00	45.24 2.24 0.00	45.33 2.28 0.00	48.10 2.65 -1.20	52.43 2.83 -2.38	58.31 3.05 -6.10	51.52 2.64 -5.62	50.21 2.55 -4.44	45.77 2.59 -0.08	44.29 2.35 0.00	42.86 2.31 0.00	42.36 2.13 0.00
SWANROAD_115KV_TB1 355699	39.14 -3.87 0.00	38.81 -4.03 0.00	37.04 -3.62 0.00	36.30 -3.59 0.00	36.30 -3.68 0.00	37.36 -3.56 0.00	38.67 -4.30 0.00	38.43 -4.80 0.00	36.88 -4.98 0.00	38.90 -5.46 0.00	38.05 -5.04 0.00	39.78 -4.87 0.00	38.48 -4.66 0.00	38.19 -4.82 0.00	38.23 -4.82 0.00	39.57 -4.87 -0.19	42.68 -4.91 -0.38	44.67 -5.46 -0.97	39.83 -4.33 -0.89	39.30 -4.63 -0.70	38.15 -4.96 -0.01	37.08 -4.87 0.00	35.52 -5.03 0.00	36.21 -4.02 0.00
SYNERGY___BIOGAS 323694	41.03 -1.98 0.00	40.61 -2.23 0.00	38.75 -1.91 0.00	37.97 -1.91 0.00	37.98 -2.00 0.00	39.12 -1.80 0.00	40.86 -2.10 0.00	41.32 -1.90 0.00	40.11 -1.76 0.00	41.30 -3.06 0.00	40.38 -2.71 0.00	41.92 -2.72 0.00	40.72 -2.41 0.00	40.43 -2.58 0.00	40.64 -2.41 0.00	41.99 -2.43 -0.18	45.25 -2.31 -0.35	47.40 -2.66 -0.90	42.19 -1.90 -0.83	41.89 -1.99 -0.65	40.61 -2.50 -0.01	39.22 -2.73 0.00	37.55 -3.00 0.00	38.02 -2.21 0.00
SYRACUSE___ENERGY_ST1 323597	42.36 -0.65 0.00	42.11 -0.73 0.00	39.97 -0.69 0.00	39.17 -0.72 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.23 -0.73 0.00	42.49 -0.73 0.00	41.15 -0.71 0.00	43.70 -0.67 0.00	42.58 -0.52 0.00	44.24 -0.40 0.00	42.66 -0.47 0.00	42.49 -0.52 0.00	42.49 -0.56 0.00	43.89 -0.49 -0.13	47.05 -0.42 -0.26	49.33 -0.49 -0.67	43.53 -0.35 -0.61	43.28 -0.43 -0.48	42.50 -0.60 -0.01	41.27 -0.67 0.00	39.82 -0.73 0.00	39.55 -0.68 0.00
SYRACUSE___ENERGY_ST2 323598	42.36 -0.65 0.00	42.11 -0.73 0.00	39.97 -0.69 0.00	39.17 -0.72 0.00	39.25 -0.72 0.00	40.23 -0.70 0.00	42.23 -0.73 0.00	42.49 -0.73 0.00	41.15 -0.71 0.00	43.70 -0.67 0.00	42.58 -0.52 0.00	44.24 -0.40 0.00	42.66 -0.47 0.00	42.49 -0.52 0.00	42.49 -0.56 0.00	43.89 -0.49 -0.13	47.05 -0.42 -0.26	49.33 -0.49 -0.67	43.53 -0.35 -0.61	43.28 -0.43 -0.48	42.50 -0.60 -0.01	41.27 -0.67 0.00	39.82 -0.73 0.00	39.55 -0.68 0.00

SYRACUSE___POWER 24017	42.32 -0.69 0.00	42.06 -0.77 0.00	39.93 -0.73 0.00	39.13 -0.76 0.00	39.21 -0.76 0.00	40.19 -0.74 0.00	42.19 -0.77 0.00	42.45 -0.78 0.00	41.11 -0.75 0.00	43.65 -0.71 0.00	42.54 -0.56 0.00	44.20 -0.45 0.00	42.62 -0.52 0.00	42.40 -0.60 0.00	42.45 -0.60 0.00	43.85 -0.53 -0.14	47.06 -0.42 -0.27	49.36 -0.49 -0.70	43.52 -0.39 -0.64	43.26 -0.48 -0.51	42.46 -0.65 -0.01	41.23 -0.71 0.00	39.78 -0.77 0.00	39.51 -0.72 0.00
TALLMAN___138KV_BK151 55660	45.46 2.45 0.00	45.02 2.18 0.00	42.61 1.95 0.00	41.76 1.87 0.00	41.81 1.84 0.00	42.76 1.84 0.00	45.24 2.28 0.00	45.60 2.38 0.00	44.04 2.18 0.00	46.89 2.53 0.00	45.77 2.67 0.00	47.41 2.77 0.00	45.77 2.63 0.00	45.50 2.49 0.00	45.59 2.54 0.00	48.39 2.92 -1.23	52.72 3.07 -2.44	58.76 3.34 -6.26	51.88 2.86 -5.76	50.58 2.81 -4.55	46.03 2.84 -0.09	44.54 2.60 0.00	43.14 2.59 0.00	42.61 2.37 0.00
TEALLAVE_115KV_TB7 355573	42.06 -0.95 0.00	41.81 -1.03 0.00	39.68 -0.98 0.00	38.89 -1.00 0.00	38.97 -1.00 0.00	39.94 -0.98 0.00	41.93 -1.03 0.00	42.19 -1.04 0.00	40.86 -1.00 0.00	43.38 -0.98 0.00	42.28 -0.82 0.00	43.89 -0.76 0.00	42.36 -0.78 0.00	42.15 -0.86 0.00	42.19 -0.86 0.00	43.56 -0.80 -0.11	46.69 -0.76 -0.23	48.90 -0.84 -0.58	43.15 -0.65 -0.53	42.87 -0.78 -0.42	42.20 -0.91 -0.01	40.94 -1.01 0.00	39.49 -1.05 0.00	39.27 -0.97 0.00
TELGRAPH_34_KV_EAST 80808	40.34 -2.67 0.00	39.97 -2.87 0.00	38.14 -2.52 0.00	37.37 -2.51 0.00	37.37 -2.60 0.00	38.47 -2.46 0.00	39.91 -3.05 0.00	39.72 -3.50 0.00	38.22 -3.64 0.00	40.37 -3.99 0.00	39.48 -3.62 0.00	41.25 -3.39 0.00	39.86 -3.28 0.00	39.57 -3.44 0.00	39.65 -3.40 0.00	41.02 -3.41 -0.18	44.27 -3.31 -0.36	46.30 -3.79 -0.92	41.22 -2.90 -0.85	40.70 -3.20 -0.67	39.62 -3.49 -0.01	38.38 -3.57 0.00	36.78 -3.77 0.00	37.34 -2.90 0.00
TEMPLE___115KV_TB 2 55572	42.10 -0.90 0.00	41.81 -1.03 0.00	39.68 -0.98 0.00	38.93 -0.96 0.00	38.97 -1.00 0.00	39.98 -0.94 0.00	41.98 -0.99 0.00	42.19 -1.04 0.00	40.86 -1.00 0.00	43.38 -0.98 0.00	42.32 -0.78 0.00	43.93 -0.71 0.00	42.41 -0.73 0.00	42.19 -0.82 0.00	42.23 -0.82 0.00	43.61 -0.75 -0.12	46.74 -0.71 -0.23	48.96 -0.79 -0.59	43.16 -0.65 -0.54	42.92 -0.73 -0.43	42.24 -0.86 -0.01	40.98 -0.96 0.00	39.53 -1.01 0.00	39.31 -0.93 0.00
TIANA___69_KV_BK 1 55817	54.43 4.64 -6.78	48.72 4.33 -1.55	44.69 4.03 0.00	43.83 3.95 0.00	43.77 3.80 0.00	44.52 3.60 0.00	50.53 4.47 -3.10	53.03 4.58 -5.22	58.41 4.44 -12.11	64.02 4.97 -14.69	49.13 5.13 -0.90	55.76 5.27 -5.85	50.56 4.92 -2.51	49.98 4.86 -2.11	52.84 4.82 -4.96	52.98 5.18 -3.56	66.03 5.62 -13.20	79.35 6.00 -24.20	57.16 5.19 -8.70	53.09 5.01 -4.85	48.90 5.30 -0.50	48.07 4.91 -1.22	52.56 4.83 -7.19	46.53 4.71 -1.59
TILDEN___115KV_TB1 80814	42.32 -0.69 0.00	42.06 -0.77 0.00	39.93 -0.73 0.00	39.13 -0.76 0.00	39.21 -0.76 0.00	40.19 -0.74 0.00	42.19 -0.77 0.00	42.45 -0.78 0.00	41.11 -0.75 0.00	43.65 -0.71 0.00	42.54 -0.56 0.00	44.20 -0.45 0.00	42.62 -0.52 0.00	42.40 -0.60 0.00	42.45 -0.60 0.00	43.85 -0.53 -0.14	47.06 -0.42 -0.27	49.36 -0.49 -0.70	43.52 -0.39 -0.64	43.26 -0.48 -0.51	42.46 -0.65 -0.01	41.23 -0.71 0.00	39.78 -0.77 0.00	39.51 -0.72 0.00
TRIGEN___CC 323695	53.27 3.48 -6.78	47.56 3.17 -1.55	43.55 2.89 0.00	42.68 2.79 0.00	42.65 2.68 0.00	43.58 2.66 0.00	49.37 3.31 -3.10	51.86 3.41 -5.22	57.23 3.27 -12.11	62.77 3.73 -14.69	47.83 3.84 -0.90	49.17 4.02 -0.51	49.03 3.88 -2.00	48.74 3.74 -1.99	48.75 3.75 -1.96	49.64 4.11 -1.28	54.09 4.34 -2.54	60.24 4.57 -6.51	53.19 3.94 -5.99	51.85 3.89 -4.73	47.57 4.01 -0.46	46.69 3.65 -1.10	46.15 3.61 -1.99	45.16 3.38 -1.55
TRINITY___115KV___ 4 BK 55933	44.55 1.55 0.00	44.21 1.37 0.00	41.88 1.22 0.00	41.08 1.20 0.00	41.17 1.20 0.00	42.15 1.23 0.00	44.34 1.37 0.00	44.65 1.43 0.00	42.95 1.09 0.00	45.60 1.24 0.00	44.39 1.29 0.00	46.08 1.43 0.00	44.43 1.29 0.00	44.17 1.16 0.00	44.25 1.21 0.00	47.20 1.37 -1.58	51.86 1.51 -3.14	58.73 1.52 -8.05	52.02 1.34 -7.41	50.42 1.34 -5.85	44.54 1.34 -0.11	43.08 1.13 0.00	41.72 1.18 0.00	41.36 1.13 0.00
UNION___PROCESSING_DRP 323587	40.99 -2.02 0.00	40.65 -2.18 0.00	38.71 -1.95 0.00	37.93 -1.95 0.00	37.97 -2.00 0.00	39.04 -1.88 0.00	40.73 -2.23 0.00	40.80 -2.42 0.00	39.39 -2.47 0.00	41.70 -2.66 0.00	40.77 -2.33 0.00	42.46 -2.19 0.00	40.98 -2.16 0.00	40.77 -2.24 0.00	40.81 -2.24 0.00	42.59 -1.81 -0.15	45.40 -2.12 -0.31	47.98 -1.97 -0.79	42.56 -1.43 -0.72	42.15 -1.64 -0.57	40.82 -2.28 -0.01	39.51 -2.43 0.00	37.95 -2.59 0.00	38.14 -2.09 0.00
UPPER HUDSON___HYD 24058	45.11 2.11 0.00	44.76 1.93 0.00	42.49 1.83 0.00	41.68 1.80 0.00	41.77 1.80 0.00	42.68 1.76 0.00	44.98 2.02 0.00	45.26 2.03 0.00	44.00 2.13 0.00	46.75 2.39 0.00	45.38 2.28 0.00	47.23 2.59 0.00	45.42 2.28 0.00	45.07 2.06 0.00	45.07 2.02 0.00	48.09 2.21 -1.63	52.95 2.50 -3.24	60.07 2.60 -8.31	53.12 2.21 -7.65	51.47 2.20 -6.04	45.32 2.11 -0.12	43.75 1.80 0.00	42.37 1.83 0.00	41.88 1.65 0.00
UPPER RAQUET___HYD 24056	41.63 -1.38 0.00	41.81 -1.03 0.00	39.89 -0.77 0.00	39.17 -0.72 0.00	39.33 -0.64 0.00	40.19 -0.74 0.00	41.93 -1.03 0.00	41.80 -1.43 0.00	40.52 -1.34 0.00	43.38 -0.98 0.00	42.02 -1.08 0.00	43.49 -1.16 0.00	42.06 -1.08 0.00	42.06 -0.95 0.00	41.93 -1.12 0.00	42.96 -1.28 0.00	45.75 -1.46 0.00	47.78 -1.38 0.00	41.84 -1.43 0.00	41.88 -1.34 0.00	41.80 -1.29 0.00	40.81 -1.13 0.00	39.45 -1.09 0.00	39.15 -1.08 0.00
VALLEY44_115KV_TB2 355964	41.93 -1.08 0.00	41.64 -1.20 0.00	39.68 -0.98 0.00	38.89 -1.00 0.00	38.93 -1.04 0.00	40.02 -0.90 0.00	41.76 -1.20 0.00	41.67 -1.56 0.00	39.90 -1.97 0.00	42.05 -2.31 0.00	41.07 -2.03 0.00	42.86 -1.79 0.00	41.41 -1.73 0.00	41.11 -1.89 0.00	41.20 -1.85 0.00	40.36 -4.11 -0.22	46.05 -1.61 -0.44	45.97 -4.33 -1.14	40.73 -3.59 -1.05	40.12 -3.93 -0.83	41.17 -1.94 -0.02	40.06 -1.89 0.00	38.36 -2.19 0.00	38.86 -1.37 0.00
VALLEY___115KV_TB 1-4 80826	43.26 0.26 0.00	43.09 0.26 0.00	40.95 0.28 0.00	40.20 0.32 0.00	40.33 0.36 0.00	41.29 0.37 0.00	43.44 0.47 0.00	43.70 0.48 0.00	42.24 0.38 0.00	44.76 0.40 0.00	43.44 0.34 0.00	44.96 0.31 0.00	43.31 0.17 0.00	43.05 0.04 0.00	43.01 -0.04 0.00	44.20 -0.04 0.00	47.03 -0.19 0.00	48.86 -0.29 0.00	42.96 -0.30 0.00	42.92 -0.30 0.00	42.67 -0.43 0.00	41.44 -0.50 0.00	40.06 -0.49 0.00	39.75 -0.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.80 2.80 0.00	45.45 2.61 0.00	43.10 2.44 0.00	42.28 2.39 0.00	42.33 2.36 0.00	43.42 2.50 0.00	45.80 2.84 0.00	46.16 2.94 0.00	44.71 2.85 0.00	47.64 3.28 0.00	46.46 3.36 0.00	48.26 3.62 0.00	46.50 3.36 0.00	46.19 3.18 0.00	46.19 3.14 0.00	48.04 3.23 -0.56	51.92 3.59 -1.11	55.61 3.59 -2.86	48.97 3.07 -2.63	48.33 3.03 -2.08	45.98 2.84 -0.04	44.59 2.64 0.00	42.98 2.43 0.00	42.61 2.37 0.00

VISCHER___FERRY HYD 24020	45.03 2.02 0.00	44.72 1.88 0.00	42.37 1.71 0.00	41.56 1.67 0.00	41.65 1.68 0.00	42.64 1.72 0.00	44.94 1.98 0.00	45.43 2.20 0.00	43.96 2.09 0.00	46.49 2.13 0.00	45.21 2.11 0.00	46.92 2.28 0.00	45.25 2.11 0.00	44.99 1.98 0.00	45.03 1.98 0.00	48.06 2.21 -1.60	52.80 2.41 -3.18	59.82 2.51 -8.15	52.98 2.21 -7.50	51.31 2.16 -5.93	45.32 2.11 -0.11	43.87 1.93 0.00	42.45 1.91 0.00	42.04 1.81 0.00
V_A_10_SYNC_DSASP 323832	39.74 -3.27 0.00	39.41 -3.43 0.00	37.61 -3.05 0.00	36.85 -3.03 0.00	36.85 -3.12 0.00	37.89 -3.03 0.00	39.61 -3.35 0.00	40.03 -3.20 0.00	38.77 -3.10 0.00	39.93 -4.44 0.00	39.00 -4.10 0.00	40.54 -4.11 0.00	39.39 -3.75 0.00	39.14 -3.87 0.00	39.26 -3.79 0.00	40.92 -3.50 -0.17	43.63 -3.92 -0.34	46.19 -3.83 -0.87	41.08 -2.98 -0.80	40.79 -3.07 -0.63	39.32 -3.79 -0.01	37.96 -3.99 0.00	36.41 -4.14 0.00	36.85 -3.38 0.00
V_CMM_10_SYNC_DSASP 323787	42.58 -0.43 0.00	42.71 -0.13 0.00	40.66 0.00 0.00	39.89 0.00 0.00	40.01 0.04 0.00	40.92 0.00 0.00	42.71 -0.26 0.00	42.58 -0.65 0.00	41.28 -0.59 0.00	44.05 -0.31 0.00	42.67 -0.43 0.00	44.11 -0.53 0.00	42.71 -0.43 0.00	42.71 -0.30 0.00	42.66 -0.39 0.00	43.67 -0.58 0.00	46.51 -0.71 0.00	48.52 -0.64 0.00	42.57 -0.69 0.00	42.62 -0.61 0.00	42.62 -0.47 0.00	41.69 -0.25 0.00	40.34 -0.20 0.00	40.03 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	43.35 0.34 0.00	43.99 1.16 0.00	42.24 1.58 0.00	41.68 1.80 0.00	41.97 2.00 0.00	42.35 1.43 0.00	43.99 1.03 0.00	43.78 0.56 0.00	42.32 0.46 0.00	45.20 0.84 0.00	43.96 0.86 0.00	45.49 0.85 0.00	44.05 0.91 0.00	43.95 0.94 0.00	43.70 0.65 0.00	44.78 0.53 0.00	47.69 0.47 0.00	49.75 0.59 0.00	43.53 0.26 0.00	43.53 0.30 0.00	43.44 0.34 0.00	42.36 0.42 0.00	40.91 0.36 0.00	40.72 0.48 0.00
V_D_10_SYNC_DSASP 323841	42.66 -0.35 0.00	42.79 -0.04 0.00	40.78 0.12 0.00	40.01 0.12 0.00	40.17 0.20 0.00	41.05 0.12 0.00	42.84 -0.13 0.00	42.71 -0.52 0.00	41.40 -0.46 0.00	44.18 -0.18 0.00	42.84 -0.26 0.00	44.34 -0.31 0.00	42.88 -0.26 0.00	42.92 -0.09 0.00	42.84 -0.21 0.00	43.85 -0.40 0.00	46.70 -0.52 0.00	48.71 -0.44 0.00	42.75 -0.52 0.00	42.79 -0.43 0.00	42.80 -0.30 0.00	41.82 -0.13 0.00	40.43 -0.12 0.00	40.15 -0.08 0.00
V_E_10_SYNC_DSASP 323830	46.92 3.91 0.00	46.56 3.72 0.00	44.24 3.58 0.00	43.43 3.55 0.00	43.53 3.56 0.00	44.77 3.85 0.00	47.22 4.25 0.00	47.94 4.71 0.00	46.55 4.69 0.00	49.06 4.70 0.00	47.66 4.57 0.00	49.51 4.87 0.00	47.45 4.31 0.00	46.96 3.95 0.00	47.01 3.96 0.00	48.67 4.03 -0.40	52.88 4.86 -0.80	55.92 4.72 -2.04	49.13 3.98 -1.88	48.64 3.93 -1.49	46.57 3.45 -0.03	45.05 3.10 0.00	43.22 2.68 0.00	42.93 2.70 0.00
V_F_30_NSYNC___DSASP 323816	45.46 2.45 0.00	45.15 2.31 0.00	42.81 2.15 0.00	41.96 2.07 0.00	42.05 2.08 0.00	43.05 2.13 0.00	45.37 2.40 0.00	45.77 2.55 0.00	44.38 2.51 0.00	47.02 2.66 0.00	45.73 2.63 0.00	47.51 2.86 0.00	45.77 2.63 0.00	45.46 2.45 0.00	45.50 2.45 0.00	48.53 2.65 -1.62	53.37 2.93 -3.23	60.49 3.05 -8.29	53.53 2.64 -7.63	51.89 2.64 -6.02	45.80 2.59 -0.12	44.25 2.31 0.00	42.82 2.27 0.00	42.36 2.13 0.00
V_F_30_SYNC_DSASP 323786	44.73 1.72 0.00	44.33 1.50 0.00	42.00 1.34 0.00	41.20 1.32 0.00	41.29 1.32 0.00	42.27 1.35 0.00	44.47 1.50 0.00	44.82 1.60 0.00	43.08 1.21 0.00	45.78 1.42 0.00	44.56 1.47 0.00	46.25 1.61 0.00	44.61 1.47 0.00	44.34 1.33 0.00	44.38 1.33 0.00	47.39 1.55 -1.59	52.08 1.70 -3.16	58.99 1.72 -8.11	52.25 1.51 -7.47	50.59 1.47 -5.90	44.67 1.47 -0.11	43.20 1.26 0.00	41.84 1.30 0.00	41.44 1.21 0.00
V_XM_10_SYNC_DSASP 323789	43.35 0.34 0.00	43.99 1.16 0.00	42.24 1.58 0.00	41.68 1.80 0.00	41.97 2.00 0.00	42.35 1.43 0.00	43.99 1.03 0.00	43.78 0.56 0.00	42.32 0.46 0.00	45.20 0.84 0.00	43.96 0.86 0.00	45.49 0.85 0.00	44.05 0.91 0.00	43.95 0.94 0.00	43.70 0.65 0.00	44.78 0.53 0.00	47.69 0.47 0.00	49.75 0.59 0.00	43.53 0.26 0.00	43.53 0.30 0.00	43.44 0.34 0.00	42.36 0.42 0.00	40.91 0.36 0.00	40.72 0.48 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.63 2.62 0.00	45.19 2.36 0.00	42.77 2.11 0.00	41.92 2.03 0.00	41.93 1.96 0.00	42.89 1.96 0.00	45.37 2.41 0.00	45.73 2.51 0.00	44.21 2.34 0.00	47.02 2.66 0.00	45.90 2.80 0.00	47.55 2.90 0.00	45.90 2.76 0.00	45.63 2.62 0.00	45.72 2.67 0.00	48.53 3.05 -1.23	52.88 3.21 -2.45	58.94 3.49 -6.29	52.04 2.99 -5.79	50.74 2.94 -4.57	46.16 2.97 -0.09	44.67 2.73 0.00	43.26 2.72 0.00	42.73 2.49 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.97 2.97 0.00	45.53 2.70 0.00	43.10 2.44 0.00	42.24 2.35 0.00	42.25 2.28 0.00	43.21 2.29 0.00	45.71 2.75 0.00	46.08 2.85 0.00	44.63 2.76 0.00	47.55 3.19 0.00	46.46 3.36 0.00	48.13 3.48 0.00	46.50 3.36 0.00	46.23 3.23 0.00	46.28 3.23 0.00	49.24 3.72 -1.28	53.58 3.82 -2.54	59.70 4.03 -6.51	52.76 3.50 -5.99	51.50 3.54 -4.73	46.76 3.58 -0.09	45.13 3.19 0.00	43.75 3.20 0.00	43.21 2.98 0.00
W50THST__13_KV_LOAD 356117	46.23 3.23 0.00	45.75 2.91 0.00	43.30 2.64 0.00	42.44 2.55 0.00	42.49 2.52 0.00	43.42 2.50 0.00	45.93 2.96 0.00	46.34 3.11 0.00	44.88 3.01 0.00	47.73 3.37 0.00	46.63 3.53 0.00	48.35 3.71 0.00	46.68 3.54 0.00	46.40 3.40 0.00	46.45 3.40 0.00	49.46 3.94 -1.28	53.76 4.01 -2.54	59.94 4.28 -6.51	52.93 3.68 -5.99	51.76 3.80 -4.73	47.02 3.84 -0.09	45.30 3.36 0.00	43.91 3.37 0.00	43.41 3.18 0.00
WADING RIVER_IC_1 23522	54.01 4.22 -6.78	48.29 3.90 -1.55	44.28 3.62 0.00	43.51 3.63 0.00	43.45 3.48 0.00	44.15 3.23 0.00	50.23 4.17 -3.10	53.08 4.63 -5.22	58.49 4.52 -12.11	63.70 4.66 -14.69	48.70 4.70 -0.90	55.29 4.78 -5.86	50.05 4.40 -2.51	49.46 4.34 -2.11	52.33 4.30 -4.97	52.50 4.69 -3.56	65.50 5.05 -13.23	78.77 5.36 -24.25	56.65 4.67 -8.71	52.57 4.50 -4.85	48.38 4.78 -0.50	47.70 4.53 -1.22	52.21 4.46 -7.20	46.17 4.35 -1.59
WADING RIVER_IC_2 23547	54.01 4.22 -6.78	48.29 3.90 -1.55	44.28 3.62 0.00	43.51 3.63 0.00	43.45 3.48 0.00	44.15 3.23 0.00	50.23 4.17 -3.10	53.08 4.63 -5.22	58.49 4.52 -12.11	63.70 4.66 -14.69	48.70 4.70 -0.90	55.29 4.78 -5.86	50.05 4.40 -2.51	49.46 4.34 -2.11	52.33 4.30 -4.97	52.50 4.69 -3.56	65.50 5.05 -13.23	78.77 5.36 -24.25	56.65 4.67 -8.71	52.57 4.50 -4.85	48.38 4.78 -0.50	47.70 4.53 -1.22	52.21 4.46 -7.20	46.17 4.35 -1.59
WADING RIVER_IC_3 23601	54.01 4.22 -6.78	48.29 3.90 -1.55	44.28 3.62 0.00	43.51 3.63 0.00	43.45 3.48 0.00	44.15 3.23 0.00	50.23 4.17 -3.10	53.08 4.63 -5.22	58.49 4.52 -12.11	63.70 4.66 -14.69	48.70 4.70 -0.90	55.29 4.78 -5.86	50.05 4.40 -2.51	49.46 4.34 -2.11	52.33 4.30 -4.97	52.50 4.69 -3.56	65.50 5.05 -13.23	78.77 5.36 -24.25	56.65 4.67 -8.71	52.57 4.50 -4.85	48.38 4.78 -0.50	47.70 4.53 -1.22	52.21 4.46 -7.20	46.17 4.35 -1.59

WALDENNY_12_KV_BK2 80841	40.90 -2.11 0.00	40.52 -2.31 0.00	38.67 -1.99 0.00	37.89 -1.99 0.00	37.89 -2.08 0.00	39.00 -1.92 0.00	40.43 -2.53 0.00	40.24 -2.98 0.00	38.64 -3.22 0.00	40.77 -3.59 0.00	39.86 -3.23 0.00	41.66 -2.99 0.00	40.29 -2.85 0.00	40.00 -3.01 0.00	40.04 -3.01 0.00	40.82 -3.63 -0.20	44.74 -2.88 -0.40	46.12 -4.08 -1.04	41.06 -3.16 -0.95	40.56 -3.41 -0.75	40.01 -3.10 -0.01	38.88 -3.06 0.00	37.22 -3.32 0.00	37.82 -2.41 0.00
WALDEN___HYDRO 24148	45.54 2.54 0.00	45.11 2.27 0.00	42.69 2.03 0.00	41.84 1.95 0.00	41.89 1.92 0.00	42.85 1.92 0.00	45.24 2.28 0.00	45.60 2.38 0.00	44.08 2.22 0.00	46.89 2.53 0.00	45.73 2.63 0.00	47.37 2.72 0.00	45.68 2.55 0.00	45.41 2.41 0.00	45.50 2.45 0.00	48.33 2.83 -1.25	52.86 3.16 -2.48	58.91 3.39 -6.36	52.07 2.94 -5.86	50.66 2.81 -4.63	46.03 2.84 -0.09	44.54 2.60 0.00	43.10 2.55 0.00	42.57 2.33 0.00
WARRENSBURG___ 23737	45.11 2.11 0.00	44.76 1.93 0.00	42.49 1.83 0.00	41.68 1.80 0.00	41.77 1.80 0.00	42.68 1.76 0.00	44.98 2.02 0.00	45.26 2.03 0.00	44.00 2.13 0.00	46.75 2.39 0.00	45.38 2.28 0.00	47.23 2.59 0.00	45.42 2.28 0.00	45.07 2.06 0.00	45.07 2.02 0.00	48.09 2.21 -1.63	52.95 2.50 -3.24	60.07 2.60 -8.31	53.12 2.21 -7.65	51.47 2.20 -6.04	45.32 2.11 -0.12	43.75 1.80 0.00	42.37 1.83 0.00	41.88 1.65 0.00
WATERSIDE___6 8 9 23538	46.20 3.18 -0.01	45.71 2.87 -0.01	43.31 2.64 -0.01	42.45 2.55 -0.01	42.46 2.48 -0.01	43.38 2.46 0.00	45.84 2.88 0.00	46.12 2.90 0.00	44.67 2.80 0.00	47.77 3.42 0.01	35.91 3.62 10.81	36.36 3.75 12.04	40.79 3.58 5.93	42.26 3.44 4.19	35.88 3.49 10.65	49.36 3.85 -1.27	41.60 4.11 9.72	54.10 4.33 -0.62	51.92 3.76 -4.89	51.71 3.76 -4.72	46.89 3.71 -0.09	38.62 3.44 6.76	43.98 3.45 0.01	43.42 3.18 -0.01
WATKINRD_115KV_LN8_ILLION 55919	43.39 0.39 0.00	43.18 0.34 0.00	40.99 0.33 0.00	40.24 0.36 0.00	40.33 0.36 0.00	41.29 0.37 0.00	43.44 0.47 0.00	43.74 0.52 0.00	42.28 0.42 0.00	44.85 0.49 0.00	43.57 0.47 0.00	45.14 0.49 0.00	43.53 0.39 0.00	43.31 0.30 0.00	43.31 0.26 0.00	44.56 0.31 0.00	47.50 0.28 0.00	49.40 0.25 0.00	43.44 0.17 0.00	43.40 0.17 0.00	43.18 0.09 0.00	41.94 0.00 0.00	40.55 0.00 0.00	40.19 -0.04 0.00
WATSON___69_KV_BK 1 55734	54.48 4.69 -6.78	48.80 4.41 -1.55	44.69 4.03 0.00	43.79 3.91 0.00	43.73 3.76 0.00	44.56 3.64 0.00	50.57 4.51 -3.10	53.03 4.58 -5.22	58.36 4.40 -12.11	63.93 4.88 -14.69	49.00 5.00 -0.90	51.34 4.33 -2.37	49.50 4.18 -2.18	49.21 4.17 -2.03	50.14 4.09 -3.01	50.88 4.56 -2.07	58.33 4.86 -6.25	67.14 5.31 -12.67	54.70 4.50 -6.93	52.32 4.32 -4.77	48.57 5.00 -0.48	47.15 4.07 -1.14	48.37 3.97 -3.85	46.06 4.26 -1.56
WDELAWARE___HYD 323627	45.59 2.58 0.00	45.10 2.27 0.00	42.69 2.03 0.00	41.88 1.99 0.00	41.89 1.92 0.00	42.89 1.96 0.00	45.28 2.32 0.00	45.91 2.68 0.00	44.46 2.60 0.00	47.02 2.66 0.00	45.68 2.59 0.00	47.33 2.68 0.00	45.55 2.41 0.00	45.24 2.23 0.00	45.37 2.32 0.00	48.15 2.74 -1.16	52.58 3.07 -2.30	58.45 3.39 -5.90	51.60 2.90 -5.43	50.28 2.77 -4.29	45.90 2.72 -0.08	44.42 2.47 0.00	42.94 2.39 0.00	42.40 2.17 0.00
WEST BABYLON___IC 23714	54.18 4.39 -6.78	48.46 4.07 -1.55	44.36 3.70 0.00	43.48 3.59 0.00	43.41 3.44 0.00	44.28 3.36 0.00	50.23 4.17 -3.10	52.73 4.28 -5.22	58.07 4.10 -12.11	63.62 4.57 -14.69	48.70 4.70 -0.90	50.14 4.55 -0.93	49.54 4.36 -2.04	49.31 4.30 -2.00	49.51 4.26 -2.20	50.40 4.69 -1.46	55.66 5.05 -3.39	62.49 5.41 -7.92	54.10 4.63 -6.20	52.46 4.50 -4.74	48.43 4.87 -0.46	47.29 4.24 -1.11	47.15 4.14 -2.46	45.93 4.14 -1.55
WEST CANADA___HYD 24049	43.35 0.34 0.00	43.09 0.26 0.00	40.91 0.25 0.00	40.13 0.24 0.00	40.21 0.24 0.00	41.17 0.25 0.00	43.31 0.34 0.00	43.66 0.43 0.00	42.28 0.42 0.00	44.76 0.40 0.00	43.48 0.39 0.00	45.09 0.45 0.00	43.53 0.39 0.00	43.35 0.34 0.00	43.39 0.34 0.00	44.64 0.40 0.00	47.64 0.42 0.00	49.60 0.44 0.00	43.61 0.34 0.00	43.57 0.34 0.00	43.40 0.30 0.00	42.20 0.25 0.00	40.79 0.24 0.00	40.43 0.20 0.00
WESTERN_NY_WIND 24143	40.94 -2.06 0.00	40.57 -2.27 0.00	38.71 -1.95 0.00	37.93 -1.95 0.00	37.93 -2.04 0.00	39.04 -1.88 0.00	40.56 -2.41 0.00	40.46 -2.77 0.00	38.97 -2.89 0.00	41.17 -3.19 0.00	40.25 -2.84 0.00	42.06 -2.59 0.00	40.59 -2.55 0.00	40.34 -2.67 0.00	40.42 -2.63 0.00	41.86 -2.57 -0.18	45.16 -2.41 -0.35	47.26 -2.80 -0.91	42.07 -2.03 -0.83	41.59 -2.29 -0.66	40.44 -2.67 -0.01	39.13 -2.81 0.00	37.46 -3.08 0.00	37.94 -2.29 0.00
WESTOVER___LESR 323668	43.14 0.13 0.00	42.84 0.00 0.00	40.66 0.00 0.00	39.89 0.00 0.00	39.93 -0.04 0.00	40.96 0.04 0.00	43.01 0.04 0.00	43.18 -0.04 0.00	41.70 -0.17 0.00	44.18 -0.18 0.00	43.10 0.00 0.00	44.78 0.13 0.00	43.23 0.09 0.00	43.01 0.00 0.00	43.05 0.00 0.00	44.44 -0.22 -0.41	48.32 0.28 -0.82	51.17 -0.10 -2.11	45.17 -0.04 -1.94	44.59 -0.17 -1.54	43.13 0.00 -0.03	41.86 -0.08 0.00	40.30 -0.24 0.00	40.19 -0.04 0.00
WETHRSFD_WT_PWR 323626	41.28 -1.72 0.00	40.95 -1.88 0.00	39.07 -1.59 0.00	38.29 -1.60 0.00	38.30 -1.68 0.00	39.37 -1.55 0.00	41.16 -1.80 0.00	41.54 -1.69 0.00	40.23 -1.63 0.00	41.34 -3.02 0.00	40.38 -2.71 0.00	41.97 -2.68 0.00	40.68 -2.46 0.00	40.34 -2.67 0.00	40.60 -2.45 0.00	41.56 -2.92 -0.24	45.37 -2.31 -0.47	47.11 -3.25 -1.20	41.82 -2.55 -1.11	41.51 -2.59 -0.87	40.48 -2.63 -0.02	39.43 -2.52 0.00	37.83 -2.72 0.00	38.26 -1.97 0.00
WHAVSTOR_138KV_BK127 55557	45.46 2.45 0.00	45.02 2.18 0.00	42.61 1.95 0.00	41.76 1.87 0.00	41.81 1.84 0.00	42.76 1.84 0.00	45.24 2.28 0.00	45.60 2.38 0.00	44.04 2.18 0.00	46.85 2.48 0.00	45.73 2.63 0.00	47.37 2.72 0.00	45.73 2.59 0.00	45.46 2.45 0.00	45.55 2.50 0.00	48.36 2.88 -1.23	52.69 3.02 -2.45	58.70 3.24 -6.30	51.87 2.81 -5.79	50.57 2.77 -4.58	45.99 2.80 -0.09	44.54 2.60 0.00	43.14 2.59 0.00	42.65 2.41 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.46 2.45 0.00	45.02 2.18 0.00	42.61 1.95 0.00	41.76 1.87 0.00	41.81 1.84 0.00	42.76 1.84 0.00	45.24 2.28 0.00	45.60 2.38 0.00	44.04 2.18 0.00	46.85 2.48 0.00	45.73 2.63 0.00	47.37 2.72 0.00	45.73 2.59 0.00	45.46 2.45 0.00	45.55 2.50 0.00	48.36 2.88 -1.23	52.69 3.02 -2.45	58.70 3.24 -6.30	51.87 2.81 -5.79	50.57 2.77 -4.58	45.99 2.80 -0.09	44.54 2.60 0.00	43.14 2.59 0.00	42.65 2.41 0.00
WHITEHAL_115KV_TB1 80871	46.36 3.35 0.00	46.01 3.17 0.00	43.63 2.97 0.00	42.76 2.87 0.00	42.89 2.92 0.00	43.87 2.95 0.00	46.19 3.22 0.00	46.34 3.11 0.00	45.00 3.14 0.00	48.18 3.82 0.00	46.76 3.66 0.00	48.71 4.06 0.00	46.76 3.62 0.00	46.40 3.40 0.00	46.36 3.31 0.00	49.41 3.54 -1.63	54.46 4.01 -3.23	61.64 4.18 -8.30	54.45 3.55 -7.64	52.76 3.50 -6.03	46.66 3.45 -0.12	44.96 3.02 0.00	43.51 2.96 0.00	42.97 2.74 0.00

WHITEPLN_13_KV_LOAD 356215	46.15 3.14 0.00	45.71 2.87 0.00	43.26 2.60 0.00	42.36 2.47 0.00	42.41 2.44 0.00	43.38 2.46 0.00	45.97 3.01 0.00	46.34 3.11 0.00	44.88 3.01 0.00	47.87 3.50 0.00	46.72 3.62 0.00	48.44 3.79 0.00	46.81 3.67 0.00	46.49 3.48 0.00	46.54 3.49 0.00	49.46 3.94 -1.27	53.90 4.15 -2.53	60.02 4.38 -6.49	53.09 3.85 -5.97	51.75 3.80 -4.72	47.02 3.84 -0.09	45.38 3.44 0.00	43.95 3.41 0.00	43.37 3.14 0.00
WM_FLOYD_69_KV_BK2 356380	54.00 4.21 -6.78	48.33 3.94 -1.55	44.28 3.62 0.00	43.48 3.59 0.00	43.37 3.40 0.00	44.11 3.19 0.00	50.06 4.00 -3.10	52.55 4.11 -5.22	57.95 3.98 -12.11	63.48 4.44 -14.69	48.61 4.61 -0.90	55.17 4.73 -5.79	50.08 4.44 -2.50	49.55 4.43 -2.11	52.33 4.35 -4.93	52.51 4.73 -3.53	65.44 5.15 -13.08	78.61 5.46 -24.00	56.65 4.72 -8.67	52.66 4.58 -4.85	48.47 4.87 -0.50	47.65 4.49 -1.22	52.10 4.42 -7.13	46.13 4.30 -1.59
WOODARD__115KV_TB2 355635	42.02 -0.99 0.00	41.76 -1.07 0.00	39.64 -1.02 0.00	38.85 -1.04 0.00	38.93 -1.04 0.00	39.90 -1.02 0.00	41.89 -1.07 0.00	42.14 -1.08 0.00	40.82 -1.05 0.00	43.34 -1.02 0.00	42.23 -0.86 0.00	43.84 -0.80 0.00	42.32 -0.82 0.00	42.10 -0.90 0.00	42.15 -0.90 0.00	43.52 -0.84 -0.11	46.59 -0.85 -0.23	48.86 -0.88 -0.59	43.07 -0.74 -0.54	42.83 -0.82 -0.43	42.16 -0.95 -0.01	40.90 -1.05 0.00	39.49 -1.05 0.00	39.23 -1.01 0.00
YORK___WARBASSE 23770	46.50 3.48 -0.01	45.97 3.13 -0.01	43.51 2.85 -0.01	42.65 2.75 -0.01	42.70 2.72 -0.01	43.62 2.70 0.00	46.06 3.09 0.00	46.34 3.11 0.00	44.84 2.97 0.00	48.05 3.64 -0.06	122.56 3.79 -75.67	132.87 3.93 -84.30	88.49 3.80 -41.55	75.99 3.66 -29.32	121.36 3.70 -74.61	49.61 4.03 -1.33	139.92 4.34 -88.37	101.61 4.62 -47.83	60.93 3.98 -13.68	51.99 3.98 -4.79	47.11 3.92 -0.09	93.05 3.69 -47.41	44.31 3.65 -0.11	43.62 3.38 -0.01