

# Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses															--- Marginal Cost of Congestion									
Generator Data		02/01/2024																								
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	
	33.08	30.29	29.14	28.38	28.57	31.52	38.40	41.64	41.91	40.38	40.08	39.13	37.43	37.53	36.39	36.98	40.08	42.91	41.84	39.57	37.81	35.93	31.67	31.78		
	1.75	1.63	1.62	1.56	1.51	1.76	2.34	3.51	3.57	2.89	2.93	2.80	2.68	2.62	2.51	2.55	2.90	3.36	2.99	2.66	2.24	2.19	1.76	1.68		
74TH STREET_GT_1 24260																										
	33.05	30.23	29.08	28.38	28.54	31.46	38.30	41.33	41.80	40.30	40.04	39.16	37.47	37.63	36.46	36.91	40.08	42.91	41.92	39.53	37.91	35.96	31.64	31.75		
	1.72	1.58	1.57	1.56	1.49	1.70	2.24	3.20	3.45	2.81	2.90	2.83	2.71	2.72	2.57	2.48	2.90	3.36	3.07	2.62	2.35	2.23	1.73	1.66		
74TH STREET_GT_2 24261																										
	33.05	30.23	29.08	28.38	28.54	31.46	38.30	41.33	41.80	40.30	40.04	39.16	37.47	37.63	36.46	36.91	40.08	42.91	41.92	39.53	37.91	35.96	31.64	31.75		
	1.72	1.58	1.57	1.56	1.49	1.70	2.24	3.20	3.45	2.81	2.90	2.83	2.71	2.72	2.57	2.48	2.90	3.36	3.07	2.62	2.35	2.23	1.73	1.66		
ADK HUDSON___FALLS 24011																										
	32.93	30.12	28.92	28.16	28.35	31.37	38.04	40.72	41.26	39.89	39.48	38.62	36.77	36.87	35.74	36.33	39.50	42.30	41.51	39.39	37.98	35.83	31.70	31.81		
	1.60	1.46	1.40	1.34	1.30	1.61	1.98	2.59	2.91	2.40	2.34	2.29	2.02	1.96	1.86	1.89	2.34	2.77	2.68	2.47	2.42	2.09	1.79	1.72		
ADK RESOURCE___RCVRY 23798																										
	33.02	30.20	29.00	28.22	28.41	31.49	38.19	41.07	41.53	40.07	39.67	38.80	36.91	36.97	35.91	36.47	39.73	42.54	41.75	39.61	38.16	35.99	31.85	31.93		
	1.69	1.55	1.48	1.39	1.35	1.73	2.13	2.94	3.18	2.58	2.53	2.47	2.16	2.06	2.03	2.03	2.56	3.00	2.91	2.69	2.59	2.26	1.94	1.84		
ADK S GLENS___FALLS 24028																										
	32.93	30.12	28.92	28.16	28.35	31.37	38.04	40.72	41.26	39.89	39.48	38.62	36.77	36.87	35.74	36.33	39.50	42.30	41.51	39.39	37.98	35.83	31.70	31.81		
	1.60	1.46	1.40	1.34	1.30	1.61	1.98	2.59	2.91	2.40	2.34	2.29	2.02	1.96	1.86	1.89	2.34	2.77	2.68	2.47	2.42	2.09	1.79	1.72		
ADK_NYS___DAM 23527																										
	33.05	30.23	29.03	28.30	28.54	31.43	38.04	40.84	41.11	39.70	39.22	38.29	36.63	36.73	35.57	36.26	39.06	41.95	41.01	38.65	37.38	35.45	31.31	31.54		
	1.72	1.57	1.51	1.47	1.49	1.67	1.98	2.71	2.76	2.21	2.08	1.96	1.88	1.81	1.69	1.82	1.89	2.41	2.17	1.74	1.81	1.72	1.41	1.44		
AIR_PRODUCTS___DRP 24190																										
	31.77	29.00	27.87	27.17	27.35	30.12	36.35	38.89	39.30	38.09	37.70	36.84	35.24	35.37	34.25	34.85	37.57	40.21	39.34	37.17	35.88	34.00	30.11	30.27		
	0.44	0.34	0.36	0.35	0.30	0.36	0.29	0.76	0.96	0.60	0.56	0.51	0.49	0.45	0.37	0.41	0.41	0.67	0.50	0.26	0.32	0.27	0.21	0.18		
AKWESSNE_115KV_BK 355683																										
	31.33	28.71	27.57	26.88	27.11	29.79	35.95	37.90	37.85	37.41	37.14	36.33	34.79	34.95	33.95	34.50	37.05	38.98	38.41	36.99	35.64	33.77	30.08	30.33		
	0.00	0.06	0.06	0.05	0.05	0.03	-0.11	-0.23	-0.50	-0.07	0.00	0.00	0.03	0.03	0.07	0.07	-0.11	-0.55	-0.43	0.07	0.07	0.03	0.18	0.24		
ALBANY_1_SOLAR 323833																										
	32.46	29.68	28.50	27.76	27.95	30.78	37.14	39.77	40.11	38.80	38.41	37.53	35.87	35.96	34.90	35.47	38.32	40.96	40.08	37.91	36.56	34.65	30.74	30.91		
	1.13	1.03	0.99	0.94	0.89	1.01	1.08	1.64	1.76	1.31	1.26	1.20	1.11	1.05	1.02	1.03	1.15	1.42	1.24	1.00	0.99	0.91	0.84	0.81		
ALBANY_2_SOLAR 323834																										
	32.46	29.66	28.50	27.76	27.95	30.78	37.14	39.77	40.11	38.80	38.41	37.53	35.83	35.96	34.90	35.47	38.32	40.92	40.08	37.91	36.53	34.65	30.74	30.91		
	1.13	1.00	0.99	0.94	0.89	1.01	1.08	1.64	1.76	1.31	1.26	1.20	1.08	1.05	1.02	1.03	1.15	1.38	1.24	1.00	0.96	0.91	0.84	0.81		
ALBANY___1 23571																										
	31.77	29.00	27.87	27.17	27.35	30.12	36.35	38.89	39.30	38.09	37.70	36.84	35.24	35.37	34.25	34.85	37.57	40.21	39.34	37.17	35.88	34.00	30.11	30.27		
	0.44	0.34	0.36	0.35	0.30	0.36	0.29	0.76	0.96	0.60	0.56	0.51	0.49	0.45	0.37	0.41	0.41	0.67	0.50	0.26	0.32	0.27	0.21	0.18		

ALBANY___2 23572	31.77 0.44 0.00	29.00 0.34 0.00	27.87 0.36 0.00	27.17 0.35 0.00	27.35 0.30 0.00	30.12 0.36 0.00	36.35 0.29 0.00	38.89 0.76 0.00	39.30 0.96 0.00	38.09 0.60 0.00	37.70 0.56 0.00	36.84 0.51 0.00	35.24 0.49 0.00	35.37 0.45 0.00	34.25 0.37 0.00	34.85 0.41 0.00	37.57 0.41 0.00	40.21 0.67 0.00	39.34 0.50 0.00	37.17 0.26 0.00	35.88 0.32 0.00	34.00 0.27 0.00	30.11 0.21 0.00	30.27 0.18 0.00
ALBANY___3 23573	31.77 0.44 0.00	29.00 0.34 0.00	27.87 0.36 0.00	27.17 0.35 0.00	27.35 0.30 0.00	30.12 0.36 0.00	36.35 0.29 0.00	38.89 0.76 0.00	39.30 0.96 0.00	38.09 0.60 0.00	37.70 0.56 0.00	36.84 0.51 0.00	35.24 0.49 0.00	35.37 0.45 0.00	34.25 0.37 0.00	34.85 0.41 0.00	37.57 0.41 0.00	40.21 0.67 0.00	39.34 0.50 0.00	37.17 0.26 0.00	35.88 0.32 0.00	34.00 0.27 0.00	30.11 0.21 0.00	30.27 0.18 0.00
ALBANY___4 23574	31.77 0.44 0.00	29.00 0.34 0.00	27.87 0.36 0.00	27.17 0.35 0.00	27.35 0.30 0.00	30.12 0.36 0.00	36.35 0.29 0.00	38.89 0.76 0.00	39.30 0.96 0.00	38.09 0.60 0.00	37.70 0.56 0.00	36.84 0.51 0.00	35.24 0.49 0.00	35.37 0.45 0.00	34.25 0.37 0.00	34.85 0.41 0.00	37.57 0.41 0.00	40.21 0.67 0.00	39.34 0.50 0.00	37.17 0.26 0.00	35.88 0.32 0.00	34.00 0.27 0.00	30.11 0.21 0.00	30.27 0.18 0.00
ALBANY___LFGE 323615	32.05 0.72 0.00	29.28 0.63 0.00	28.12 0.60 0.00	27.41 0.59 0.00	27.59 0.54 0.00	30.42 0.65 0.00	36.71 0.65 0.00	39.43 1.30 0.00	39.77 1.42 0.00	38.50 1.01 0.00	38.11 0.96 0.00	37.24 0.91 0.00	35.59 0.83 0.00	35.71 0.80 0.00	34.66 0.78 0.00	35.19 0.76 0.00	37.98 0.82 0.00	40.60 1.07 0.00	39.73 0.89 0.00	37.58 0.67 0.00	36.21 0.64 0.00	34.31 0.57 0.00	30.41 0.51 0.00	30.55 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	31.39 0.06 0.00	28.88 0.23 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.27 0.22 0.00	29.97 0.21 0.00	36.10 0.04 0.00	38.06 -0.08 0.00	38.04 -0.31 0.00	37.60 0.11 0.00	37.33 0.19 0.00	36.51 0.18 0.00	34.96 0.21 0.00	35.12 0.21 0.00	34.12 0.24 0.00	34.68 0.24 0.00	37.20 0.04 0.00	39.10 -0.43 0.00	38.52 -0.31 0.00	37.10 0.18 0.00	35.74 0.18 0.00	33.84 0.10 0.00	30.23 0.33 0.00	30.52 0.42 0.00
ALCOA_RYNLDS___DRP 24188	31.39 0.06 0.00	28.88 0.23 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.27 0.22 0.00	29.97 0.21 0.00	36.10 0.04 0.00	38.06 -0.08 0.00	38.04 -0.31 0.00	37.60 0.11 0.00	37.33 0.19 0.00	36.51 0.18 0.00	34.96 0.21 0.00	35.12 0.21 0.00	34.12 0.24 0.00	34.68 0.24 0.00	37.20 0.04 0.00	39.10 -0.43 0.00	38.52 -0.31 0.00	37.10 0.18 0.00	35.74 0.18 0.00	33.84 0.10 0.00	30.23 0.33 0.00	30.52 0.42 0.00
ALCOA___DSASP 323711	31.39 0.06 0.00	28.88 0.23 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.27 0.22 0.00	29.97 0.21 0.00	36.10 0.04 0.00	37.82 -0.31 0.00	38.08 -0.27 0.00	37.60 0.11 0.00	37.33 0.19 0.00	36.51 0.18 0.00	34.97 0.21 0.00	35.12 0.21 0.00	34.12 0.24 0.00	34.68 0.24 0.00	37.16 0.00 0.00	39.06 -0.47 0.00	38.52 -0.31 0.00	37.10 0.19 0.00	35.74 0.18 0.00	33.84 0.10 0.00	30.23 0.33 0.00	30.52 0.42 0.00
ALLEGHENY___COGEN 23514	31.74 0.41 0.00	28.68 0.03 0.00	27.46 -0.05 0.00	26.74 -0.08 0.00	27.11 0.05 0.00	29.91 0.15 0.00	36.74 0.68 0.00	38.36 0.23 0.00	38.38 0.04 0.00	37.72 0.23 0.00	36.85 -0.30 0.00	36.11 -0.22 0.00	34.51 -0.24 0.00	34.91 0.00 0.00	33.98 0.10 0.00	34.71 0.27 0.00	38.24 1.08 0.00	40.96 1.42 0.00	40.39 1.55 0.00	37.58 0.67 0.00	36.21 0.64 0.00	34.27 0.54 0.00	30.59 0.69 0.00	30.73 0.63 0.00
ALTAMONT_115KV_TB 2 55880	32.11 0.78 0.00	29.40 0.74 0.00	28.23 0.72 0.00	27.52 0.70 0.00	27.73 0.68 0.00	30.51 0.74 0.00	36.89 0.83 0.00	39.43 1.30 0.00	39.80 1.46 0.00	38.58 1.09 0.00	38.18 1.04 0.00	37.31 0.98 0.00	35.69 0.94 0.00	35.85 0.94 0.00	34.73 0.85 0.00	35.29 0.86 0.00	38.13 0.97 0.00	40.72 1.19 0.00	39.88 1.05 0.00	37.73 0.81 0.00	36.38 0.82 0.00	34.48 0.74 0.00	30.50 0.60 0.00	30.70 0.60 0.00
ALTONA_WT_PWR 323606	31.71 0.38 0.00	29.05 0.40 0.00	27.87 0.36 0.00	27.17 0.35 0.00	27.38 0.33 0.00	30.09 0.33 0.00	35.92 -0.14 0.00	37.56 -0.57 0.00	37.89 -0.46 0.00	37.38 -0.11 0.00	37.18 0.04 0.00	36.33 0.00 0.00	34.83 0.07 0.00	34.98 0.07 0.00	34.09 0.20 0.00	34.85 0.41 0.00	37.53 0.37 0.00	39.54 0.00 0.00	38.95 0.12 0.00	37.58 0.67 0.00	36.28 0.71 0.00	34.31 0.57 0.00	30.62 0.72 0.00	31.27 1.17 0.00
AMERICAN_REF_FUEL 24010	28.86 -2.48 0.00	26.10 -2.55 0.00	24.96 -2.56 0.00	24.41 -2.41 0.00	24.84 -2.22 0.00	27.23 -2.53 0.00	33.14 -2.92 0.00	34.09 -4.04 0.00	33.90 -4.45 0.00	33.44 -4.05 0.00	32.65 -4.50 0.00	32.11 -4.21 0.00	30.76 -4.00 0.00	31.32 -3.60 0.00	30.39 -3.49 0.00	30.92 -3.51 0.00	33.89 -3.27 0.00	36.29 -3.24 0.00	35.69 -3.14 0.00	33.11 -3.80 0.00	32.01 -3.56 0.00	30.39 -3.34 0.00	27.57 -2.33 0.00	27.93 -2.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.98 -1.35 0.00	26.94 -1.72 0.00	25.75 -1.76 0.00	25.21 -1.61 0.00	25.54 -1.51 0.00	28.04 -1.73 0.00	34.40 -1.66 0.00	35.69 -2.44 0.00	35.35 -2.99 0.00	34.86 -2.63 0.00	33.76 -3.38 0.00	33.28 -3.05 0.00	31.91 -2.85 0.00	32.54 -2.38 0.00	31.71 -2.17 0.00	32.37 -2.07 0.00	35.68 -1.49 0.00	38.31 -1.23 0.00	37.79 -1.05 0.00	34.99 -1.92 0.00	33.86 -1.71 0.00	32.25 -1.48 0.00	29.22 -0.69 0.00	29.61 -0.48 0.00
ARTHUR KILL_GT_1 23520	32.99 1.66 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.24 1.42 0.00	28.43 1.38 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.35 3.16 -0.06	41.58 3.18 -0.06	39.85 2.36 0.00	39.69 2.49 -0.06	50.70 2.58 -11.79	47.04 2.50 -9.78	60.48 2.41 -23.16	36.29 2.20 -0.21	36.59 2.10 -0.06	44.98 2.71 -5.11	42.61 3.00 -0.07	58.83 2.87 -17.12	39.26 2.29 -0.06	37.84 2.06 -0.21	35.81 2.02 -0.06	31.46 1.55 0.00	31.69 1.59 0.00
ARTHUR_KILL_2 23512	32.90 1.57 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.13 1.37 0.00	37.90 1.84 0.00	41.24 3.05 -0.06	41.43 3.03 -0.06	39.74 2.25 0.00	39.58 2.38 -0.06	50.59 2.47 -11.79	46.93 2.40 -9.78	60.38 2.30 -23.16	36.20 2.10 -0.21	36.49 2.00 -0.06	44.83 2.56 -5.11	42.46 2.85 -0.07	58.67 2.72 -17.12	39.11 2.14 -0.06	37.73 1.95 -0.21	35.71 1.92 -0.06	31.37 1.46 0.00	31.60 1.50 0.00
ARTHUR_KILL_3 23513	32.68 1.35 0.00	29.94 1.29 0.01	28.80 1.29 0.01	28.08 1.26 0.00	28.27 1.22 0.00	31.16 1.40 0.00	37.93 1.87 0.00	41.28 3.09 -0.06	41.55 3.14 -0.06	39.89 2.40 0.00	39.69 2.49 -0.06	50.52 2.40 -11.80	46.87 2.33 -9.79	60.32 2.24 -23.17	36.27 2.17 -0.22	36.60 2.10 -0.06	44.77 2.49 -5.12	42.50 2.88 -0.08	58.52 2.56 -17.13	39.19 2.21 -0.06	37.67 1.88 -0.22	35.65 1.85 -0.06	31.34 1.44 0.00	31.42 1.32 0.00

ARTHUR_KILL_COGEN 323718	32.99 1.66 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.24 1.42 0.00	28.43 1.38 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.35 3.16 -0.06	41.58 3.18 -0.06	39.85 2.36 0.00	39.69 2.49 -0.06	50.70 2.58 -11.79	47.04 2.50 -9.78	60.48 2.41 -23.16	36.29 2.20 -0.21	36.59 2.10 -0.06	44.98 2.71 -5.11	42.61 3.00 -0.07	58.83 2.87 -17.12	39.26 2.29 -0.06	37.84 2.06 -0.21	35.81 2.02 -0.06	31.46 1.55 0.00	31.69 1.59 0.00
ASHOKAN____ 23654	32.93 1.60 0.00	30.09 1.43 0.00	28.92 1.40 0.00	28.16 1.34 0.00	28.30 1.25 0.00	31.31 1.55 0.00	38.08 2.02 0.00	40.61 2.48 0.00	40.99 2.64 0.00	39.29 1.80 0.00	38.85 1.71 0.00	37.89 1.56 0.00	36.08 1.32 0.00	36.27 1.36 0.00	35.24 1.36 0.00	35.81 1.38 0.00	39.06 1.89 0.00	41.95 2.41 0.00	40.89 2.06 0.00	38.50 1.59 0.00	37.02 1.46 0.00	35.22 1.48 0.00	31.16 1.26 0.00	31.24 1.14 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.84 1.50 0.00	30.14 1.49 0.00	29.03 1.51 0.00	28.22 1.39 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.87 0.00	41.17 3.05 0.01	41.48 3.14 0.01	39.84 2.36 0.01	39.63 2.49 0.01	38.82 2.50 0.01	37.18 2.43 0.01	37.24 2.34 0.01	36.11 2.24 0.01	36.56 2.14 0.01	39.81 2.64 -0.01	42.55 3.00 -0.01	41.60 2.76 -0.01	39.20 2.29 0.00	37.51 1.95 0.01	35.76 2.02 0.00	31.40 1.49 0.00	31.72 1.62 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.84 1.50 0.00	30.14 1.49 0.00	29.03 1.51 0.00	28.22 1.39 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.87 0.00	41.17 3.05 0.01	41.48 3.14 0.01	39.84 2.36 0.01	39.63 2.49 0.01	38.82 2.50 0.01	37.18 2.43 0.01	37.24 2.34 0.01	36.11 2.24 0.01	36.56 2.14 0.01	39.81 2.64 -0.01	42.55 3.00 -0.01	41.60 2.76 -0.01	39.20 2.29 0.00	37.51 1.95 0.01	35.76 2.02 0.00	31.40 1.49 0.00	31.72 1.62 0.00
ASTORIA_GT2_1 24094	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT2_2 24095	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT2_3 24096	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT2_4 24097	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT3_1 24098	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT3_2 24099	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT3_3 24100	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT3_4 24101	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT4_1 24102	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT4_2 24103	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT4_3 24104	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00

ASTORIA_GT4_4 24105	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.91 2.78 0.00	41.41 3.07 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.83 2.51 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.64 2.20 0.00	39.85 2.68 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.75 1.66 0.00
ASTORIA_GT_1 23523	32.90 1.57 0.00	30.20 1.55 0.00	29.08 1.57 0.00	28.27 1.45 0.00	28.46 1.41 0.00	31.28 1.52 0.00	38.01 1.95 0.00	41.29 3.16 0.01	41.56 3.22 0.01	39.96 2.47 0.01	39.74 2.60 0.01	38.90 2.58 0.01	37.25 2.50 0.01	37.31 2.41 0.01	36.18 2.31 0.01	36.66 2.24 0.01	39.92 2.75 -0.01	42.67 3.12 -0.01	41.71 2.87 -0.01	39.31 2.40 0.00	37.62 2.06 0.01	35.83 2.09 0.00	31.46 1.55 0.00	31.78 1.68 0.00
ASTORIA_GT_10 24110	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	40.99 2.86 0.00	41.49 3.14 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.22 2.34 0.00	36.67 2.24 0.00	39.82 2.64 -0.02	42.64 3.08 -0.02	41.65 2.80 -0.02	39.24 2.33 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.43 1.53 0.00	31.60 1.50 0.00
ASTORIA_GT_11 24225	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	40.99 2.86 0.00	41.49 3.14 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.22 2.34 0.00	36.67 2.24 0.00	39.82 2.64 -0.02	42.64 3.08 -0.02	41.65 2.80 -0.02	39.24 2.33 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.43 1.53 0.00	31.60 1.50 0.00
ASTORIA_GT_12 24226	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	40.99 2.86 0.00	41.49 3.14 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.22 2.34 0.00	36.67 2.24 0.00	39.82 2.64 -0.02	42.64 3.08 -0.02	41.65 2.80 -0.02	39.24 2.33 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.43 1.53 0.00	31.60 1.50 0.00
ASTORIA_GT_13 24227	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	40.99 2.86 0.00	41.49 3.14 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.22 2.34 0.00	36.67 2.24 0.00	39.82 2.64 -0.02	42.64 3.08 -0.02	41.65 2.80 -0.02	39.24 2.33 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.43 1.53 0.00	31.60 1.50 0.00
ASTORIA_GT_5 24106	32.90 1.57 0.00	30.20 1.55 0.00	29.08 1.57 0.00	28.32 1.50 0.00	28.46 1.41 0.00	31.28 1.52 0.00	38.01 1.95 0.00	40.99 2.86 0.00	41.49 3.14 0.00	39.96 2.47 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.71 2.27 0.00	39.93 2.75 -0.02	42.68 3.12 -0.02	41.72 2.87 -0.02	39.31 2.40 0.00	37.66 2.10 0.00	35.83 2.09 0.00	31.46 1.55 0.00	31.78 1.69 0.00
ASTORIA_GT_7 24107	32.90 1.57 0.00	30.20 1.55 0.00	29.08 1.57 0.00	28.32 1.50 0.00	28.46 1.41 0.00	31.28 1.52 0.00	38.01 1.95 0.00	40.99 2.86 0.00	41.49 3.14 0.00	39.96 2.47 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.71 2.27 0.00	39.93 2.75 -0.02	42.68 3.12 -0.02	41.72 2.87 -0.02	39.31 2.40 0.00	37.66 2.10 0.00	35.83 2.09 0.00	31.46 1.55 0.00	31.78 1.69 0.00
ASTORIA_GT_8 24108	32.90 1.57 0.00	30.20 1.55 0.00	29.08 1.57 0.00	28.32 1.50 0.00	28.46 1.41 0.00	31.28 1.52 0.00	38.01 1.95 0.00	40.99 2.86 0.00	41.49 3.14 0.00	39.96 2.47 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.71 2.27 0.00	39.93 2.75 -0.02	42.68 3.12 -0.02	41.72 2.87 -0.02	39.31 2.40 0.00	37.66 2.10 0.00	35.83 2.09 0.00	31.46 1.55 0.00	31.78 1.69 0.00
ASTORIA___2 24149	32.84 1.50 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.24 1.42 0.00	28.41 1.35 0.00	31.25 1.49 0.00	37.93 1.87 0.00	41.21 3.09 0.01	41.48 3.14 0.01	39.88 2.40 0.01	39.66 2.53 0.01	38.82 2.50 0.01	37.18 2.43 0.01	37.24 2.34 0.01	36.11 2.24 0.01	36.60 2.17 0.01	39.85 2.68 -0.01	42.59 3.04 -0.01	41.60 2.76 -0.01	39.24 2.33 0.00	37.55 1.99 0.01	35.76 2.02 0.00	31.43 1.52 0.00	31.75 1.65 0.00
ASTORIA___3 23516	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.19 1.37 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.29 3.16 0.00	41.60 3.26 0.00	39.96 2.47 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.32 2.41 0.00	36.19 2.31 0.00	36.64 2.21 0.00	39.86 2.68 -0.02	42.64 3.09 -0.02	41.65 2.80 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.76 2.02 0.00	31.43 1.52 0.00	31.60 1.50 0.00
ASTORIA___4 23517	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	40.99 2.86 0.00	41.49 3.14 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.22 2.34 0.00	36.67 2.24 0.00	39.82 2.64 -0.02	42.64 3.08 -0.02	41.65 2.80 -0.02	39.24 2.33 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.43 1.53 0.00	31.60 1.50 0.00
ASTORIA___5 23518	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.19 1.37 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.29 3.16 0.00	41.60 3.26 0.00	39.96 2.47 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.32 2.41 0.00	36.19 2.31 0.00	36.64 2.21 0.00	39.86 2.68 -0.02	42.64 3.09 -0.02	41.65 2.80 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.76 2.02 0.00	31.43 1.52 0.00	31.60 1.50 0.00
AST_ENERGY_2_CC3 323677	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.01 1.95 0.00	41.29 3.16 0.00	41.57 3.22 0.00	39.96 2.47 0.00	39.71 2.56 0.00	38.80 2.47 0.00	37.15 2.40 0.00	37.25 2.34 0.00	36.12 2.24 0.00	36.60 2.17 0.00	39.74 2.56 -0.02	42.52 2.97 -0.02	41.53 2.68 -0.02	39.20 2.29 0.00	37.52 1.95 0.00	35.66 1.92 0.00	31.40 1.49 0.00	31.51 1.41 0.00
AST_ENERGY_2_CC4 323678	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.01 1.95 0.00	41.29 3.16 0.00	41.57 3.22 0.00	39.96 2.47 0.00	39.71 2.56 0.00	38.80 2.47 0.00	37.15 2.40 0.00	37.25 2.34 0.00	36.12 2.24 0.00	36.60 2.17 0.00	39.74 2.56 -0.02	42.52 2.97 -0.02	41.53 2.68 -0.02	39.20 2.29 0.00	37.52 1.95 0.00	35.66 1.92 0.00	31.40 1.49 0.00	31.51 1.41 0.00

ATHENS_STG_1 23668	32.36 1.03 0.00	29.63 0.97 0.00	28.45 0.94 0.00	27.76 0.94 0.00	27.95 0.89 0.00	30.74 0.98 0.00	37.18 1.12 0.00	39.92 1.79 0.00	40.19 1.84 0.00	38.84 1.35 0.00	38.52 1.38 0.00	37.63 1.31 0.00	36.01 1.25 0.00	36.10 1.19 0.00	35.00 1.12 0.00	35.57 1.13 0.00	38.46 1.30 0.00	41.12 1.58 0.00	40.23 1.40 0.00	37.98 1.07 0.00	36.56 0.99 0.00	34.75 1.01 0.00	30.68 0.78 0.00	30.85 0.75 0.00
ATHENS_STG_2 23670	32.36 1.03 0.00	29.63 0.97 0.00	28.45 0.94 0.00	27.76 0.94 0.00	27.95 0.89 0.00	30.74 0.98 0.00	37.18 1.12 0.00	39.92 1.79 0.00	40.19 1.84 0.00	38.84 1.35 0.00	38.52 1.38 0.00	37.63 1.31 0.00	36.01 1.25 0.00	36.10 1.19 0.00	35.00 1.12 0.00	35.57 1.13 0.00	38.46 1.30 0.00	41.12 1.58 0.00	40.23 1.40 0.00	37.98 1.07 0.00	36.56 0.99 0.00	34.75 1.01 0.00	30.68 0.78 0.00	30.85 0.75 0.00
ATHENS_STG_3 23677	32.36 1.03 0.00	29.63 0.97 0.00	28.45 0.94 0.00	27.76 0.94 0.00	27.95 0.89 0.00	30.74 0.98 0.00	37.18 1.12 0.00	39.92 1.79 0.00	40.19 1.84 0.00	38.84 1.35 0.00	38.52 1.38 0.00	37.63 1.31 0.00	36.01 1.25 0.00	36.10 1.19 0.00	35.00 1.12 0.00	35.57 1.13 0.00	38.46 1.30 0.00	41.12 1.58 0.00	40.23 1.40 0.00	37.98 1.07 0.00	36.56 0.99 0.00	34.75 1.01 0.00	30.68 0.78 0.00	30.85 0.75 0.00
AUBURN___LFGE 323710	31.17 -0.16 0.00	28.42 -0.23 0.00	27.29 -0.22 0.00	26.58 -0.24 0.00	26.86 -0.19 0.00	29.64 -0.12 0.00	36.10 0.04 0.00	37.98 -0.15 0.00	38.38 0.04 0.00	37.38 -0.11 0.00	37.00 -0.15 0.00	36.22 -0.11 0.00	34.65 -0.10 0.00	34.81 -0.10 0.00	33.85 -0.03 0.00	34.37 -0.07 0.00	37.27 0.11 0.00	39.85 0.32 0.00	39.14 0.31 0.00	36.84 -0.07 0.00	35.42 -0.14 0.00	33.60 -0.13 0.00	29.78 -0.12 0.00	29.94 -0.15 0.00
BABYLON_RES_REC 323704	36.53 2.38 -2.82	33.11 2.18 -2.28	31.20 2.15 -1.54	29.89 2.09 -0.98	29.82 2.06 -0.71	33.74 2.32 -1.66	42.68 2.99 -3.63	49.10 4.16 -6.81	48.73 4.14 -6.24	41.85 3.38 -0.99	42.80 3.49 -2.16	39.56 3.23 0.00	39.42 3.20 -1.47	39.42 3.14 -1.37	40.15 3.05 -3.22	39.45 3.03 -1.98	42.00 3.46 -1.38	53.20 4.03 -9.63	50.72 3.73 -8.16	44.57 3.21 -4.44	41.07 2.92 -2.59	38.36 2.80 -1.83	37.37 2.27 -5.19	32.23 2.14 0.00
BABYLON___69_KV_BK2 356345	36.91 2.76 -2.82	33.46 2.52 -2.28	31.53 2.48 -1.54	30.27 2.47 -0.98	30.17 2.41 -0.71	34.10 2.68 -1.66	43.22 3.53 -3.63	49.37 4.42 -6.81	49.23 4.64 -6.24	42.38 3.90 -0.99	43.32 4.01 -2.16	40.03 3.71 0.00	39.87 3.65 -1.47	39.95 3.67 -1.37	40.66 3.56 -3.22	39.93 3.51 -1.98	42.52 3.98 -1.38	53.83 4.67 -9.63	51.34 4.35 -8.16	45.16 3.80 -4.44	41.64 3.49 -2.59	38.80 3.24 -1.83	37.76 2.66 -5.19	32.59 2.50 0.00
BALL_HILL_WT_PWR 323825	29.98 -1.35 0.00	27.05 -1.60 0.00	25.89 -1.62 0.00	25.32 -1.50 0.00	25.70 -1.35 0.00	28.18 -1.58 0.00	34.47 -1.59 0.00	35.73 -2.40 0.00	35.47 -2.88 0.00	34.94 -2.55 0.00	34.10 -3.05 0.00	33.57 -2.76 0.00	32.15 -2.61 0.00	32.71 -2.20 0.00	31.78 -2.10 0.00	32.33 -2.10 0.00	35.53 -1.63 0.00	38.07 -1.46 0.00	37.47 -1.36 0.00	34.70 -2.21 0.00	33.54 -2.03 0.00	31.88 -1.86 0.00	28.83 -1.08 0.00	29.19 -0.90 0.00
BARON_WINDS___WT_PWR 323822	30.74 -0.60 0.00	27.82 -0.83 0.00	26.63 -0.88 0.00	26.02 -0.80 0.00	26.35 -0.70 0.00	28.99 -0.77 0.00	35.37 -0.69 0.00	37.10 -1.03 0.00	37.00 -1.34 0.00	36.21 -1.27 0.00	35.66 -1.49 0.00	35.06 -1.27 0.00	33.54 -1.22 0.00	33.93 -0.98 0.00	33.00 -0.88 0.00	33.57 -0.86 0.00	36.72 -0.44 0.00	39.30 -0.24 0.00	38.64 -0.19 0.00	36.07 -0.85 0.00	34.78 -0.78 0.00	33.02 -0.71 0.00	29.57 -0.33 0.00	29.88 -0.21 0.00
BARRETT_IC_1 23704	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT_IC_10 23701	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT_IC_11 23702	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT_IC_12 23703	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT_IC_2 23705	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT_IC_3 23706	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT_IC_4 23707	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00

BARRETT_IC_5 23708	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT_IC_6 23709	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT_IC_7 23710	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.68 1.88 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.15 3.20 -6.81	48.08 3.49 -6.24	41.48 3.00 -0.99	42.17 2.86 -2.16	39.16 2.83 0.00	38.97 2.75 -1.47	39.04 2.76 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.02 3.03 -8.16	43.94 2.58 -4.44	40.57 2.42 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT_IC_8 23711	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT_IC_9 23700	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT___1 23545	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BARRETT___2 23546	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.25 2.56 -3.63	48.42 3.47 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.17 2.86 -2.16	39.16 2.84 0.00	38.97 2.75 -1.47	38.97 2.69 -1.37	39.64 2.54 -3.22	38.96 2.55 -1.98	41.44 2.90 -1.38	52.45 3.28 -9.63	50.03 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.92 2.36 -1.83	37.04 1.94 -5.19	32.02 1.93 0.00
BATAVIA___115KV_TB1 55881	30.23 -1.10 0.00	27.28 -1.38 0.00	26.11 -1.40 0.00	25.43 -1.39 0.00	25.86 -1.19 0.00	28.48 -1.28 0.00	34.83 -1.23 0.00	35.73 -2.40 0.00	36.35 -1.99 0.00	35.43 -2.06 0.00	34.66 -2.49 0.00	34.00 -2.32 0.00	32.53 -2.22 0.00	32.75 -2.16 0.00	32.19 -1.69 0.00	32.64 -1.79 0.00	35.82 -1.34 0.00	38.15 -1.38 0.00	37.78 -1.05 0.00	34.99 -1.92 0.00	33.47 -2.10 0.00	32.08 -1.65 0.00	28.92 -0.99 0.00	29.16 -0.93 0.00
BAYONEEC___CTG1 323682	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.51 1.41 0.00
BAYONEEC___CTG10 323750	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.51 1.41 0.00
BAYONEEC___CTG2 323683	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.51 1.41 0.00
BAYONEEC___CTG3 323684	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.51 1.41 0.00
BAYONEEC___CTG4 323685	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.51 1.41 0.00
BAYONEEC___CTG5 323686	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.51 1.41 0.00
BAYONEEC___CTG6 323687	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.51 1.41 0.00

BAYONEEC___CTG7 323688	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.51 1.41 0.00
BAYONEEC___CTG8 323689	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.51 1.41 0.00
BAYONEEC___CTG9 323749	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.51 1.41 0.00
BEACON___LESR 323632	32.36 1.03 0.00	29.54 0.89 0.00	28.37 0.85 0.00	27.63 0.80 0.00	27.84 0.79 0.00	30.72 0.95 0.00	37.11 1.05 0.00	39.85 1.72 0.00	40.22 1.88 0.00	38.91 1.42 0.00	38.52 1.38 0.00	37.63 1.31 0.00	35.94 1.18 0.00	36.03 1.12 0.00	34.97 1.08 0.00	35.54 1.10 0.00	38.35 1.19 0.00	41.04 1.50 0.00	40.11 1.28 0.00	37.91 1.00 0.00	36.56 0.99 0.00	34.61 0.88 0.00	30.68 0.78 0.00	30.82 0.72 0.00
BEAVER RIVER___HYD 24048	30.49 -0.84 0.00	27.82 -0.83 0.00	26.69 -0.82 0.00	25.99 -0.83 0.00	26.27 -0.79 0.00	28.99 -0.77 0.00	35.37 -0.69 0.00	37.45 -0.69 0.00	37.62 -0.73 0.00	36.82 -0.67 0.00	36.51 -0.63 0.00	35.75 -0.58 0.00	34.13 -0.62 0.00	34.28 -0.63 0.00	33.48 -0.41 0.00	34.02 -0.41 0.00	36.79 -0.37 0.00	39.54 0.00 0.00	38.79 -0.04 0.00	36.80 -0.11 0.00	35.49 -0.07 0.00	33.46 -0.27 0.00	29.66 -0.24 0.00	29.85 -0.24 0.00
BEEBEE_GT_13 23619	30.23 -1.10 0.00	27.42 -1.23 0.00	26.28 -1.24 0.00	25.56 -1.26 0.00	25.97 -1.08 0.00	28.57 -1.19 0.00	34.87 -1.19 0.00	36.19 -1.94 0.00	36.73 -1.61 0.00	35.84 -1.65 0.00	35.21 -1.93 0.00	34.55 -1.78 0.00	33.05 -1.70 0.00	33.20 -1.71 0.00	32.49 -1.39 0.00	32.95 -1.48 0.00	35.94 -1.23 0.00	38.27 -1.27 0.00	37.78 -1.05 0.00	35.29 -1.62 0.00	33.82 -1.74 0.00	32.28 -1.45 0.00	28.92 -0.99 0.00	29.10 -0.99 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.15 1.82 0.00	30.32 1.66 0.00	29.17 1.65 0.00	28.43 1.61 0.00	28.57 1.52 0.00	31.43 1.67 0.00	38.30 2.24 0.00	41.43 3.24 -0.06	41.93 3.53 -0.06	40.30 2.81 0.00	40.14 2.93 -0.06	51.10 2.98 -11.79	47.39 2.85 -9.78	60.94 2.86 -23.16	36.77 2.68 -0.21	37.04 2.55 -0.06	45.32 3.05 -5.11	43.09 3.48 -0.07	59.18 3.22 -17.12	39.66 2.69 -0.06	38.23 2.45 -0.21	36.19 2.40 -0.06	31.70 1.79 0.00	31.90 1.81 0.00
BETHLEHEM___GRP 23843	31.77 0.44 0.00	29.00 0.34 0.00	27.87 0.36 0.00	27.17 0.35 0.00	27.35 0.30 0.00	30.12 0.36 0.00	36.35 0.29 0.00	38.89 0.76 0.00	39.30 0.96 0.00	38.09 0.60 0.00	37.70 0.56 0.00	36.84 0.51 0.00	35.24 0.49 0.00	35.37 0.45 0.00	34.25 0.37 0.00	34.85 0.41 0.00	37.57 0.41 0.00	40.21 0.67 0.00	39.34 0.50 0.00	37.17 0.26 0.00	35.88 0.32 0.00	34.00 0.27 0.00	30.11 0.21 0.00	30.27 0.18 0.00
BETHLEHEM___GS1 323560	31.77 0.44 0.00	29.00 0.35 0.00	27.87 0.36 0.00	27.15 0.32 0.00	27.35 0.30 0.00	30.12 0.36 0.00	36.35 0.29 0.00	39.04 0.91 0.00	39.34 1.00 0.00	38.09 0.60 0.00	37.70 0.56 0.00	36.84 0.51 0.00	35.24 0.49 0.00	35.33 0.42 0.00	34.29 0.41 0.00	34.85 0.41 0.00	37.57 0.41 0.00	40.21 0.67 0.00	39.34 0.50 0.00	37.17 0.26 0.00	35.85 0.28 0.00	34.00 0.27 0.00	30.11 0.21 0.00	30.28 0.18 0.00
BETHLEHEM___GS2 323561	31.77 0.44 0.00	29.00 0.35 0.00	27.87 0.36 0.00	27.15 0.32 0.00	27.35 0.30 0.00	30.12 0.36 0.00	36.35 0.29 0.00	39.04 0.91 0.00	39.34 1.00 0.00	38.09 0.60 0.00	37.70 0.56 0.00	36.84 0.51 0.00	35.24 0.49 0.00	35.33 0.42 0.00	34.29 0.41 0.00	34.85 0.41 0.00	37.57 0.41 0.00	40.21 0.67 0.00	39.34 0.50 0.00	37.17 0.26 0.00	35.85 0.28 0.00	34.00 0.27 0.00	30.11 0.21 0.00	30.28 0.18 0.00
BETHLEHEM___GS3 323562	31.77 0.44 0.00	29.00 0.35 0.00	27.87 0.36 0.00	27.15 0.32 0.00	27.35 0.30 0.00	30.12 0.36 0.00	36.35 0.29 0.00	39.04 0.91 0.00	39.34 1.00 0.00	38.09 0.60 0.00	37.70 0.56 0.00	36.84 0.51 0.00	35.24 0.49 0.00	35.33 0.42 0.00	34.29 0.41 0.00	34.85 0.41 0.00	37.57 0.41 0.00	40.21 0.67 0.00	39.34 0.50 0.00	37.17 0.26 0.00	35.85 0.28 0.00	34.00 0.27 0.00	30.11 0.21 0.00	30.28 0.18 0.00
BETHLEHEM___STEEL 23779	29.95 -1.38 0.00	26.99 -1.66 0.00	25.84 -1.68 0.00	25.16 -1.66 0.00	25.62 -1.43 0.00	28.13 -1.64 0.00	34.36 -1.69 0.00	35.20 -2.94 0.00	35.74 -2.61 0.00	34.75 -2.74 0.00	34.02 -3.12 0.00	33.49 -2.83 0.00	32.05 -2.71 0.00	32.29 -2.62 0.00	31.81 -2.07 0.00	32.23 -2.20 0.00	35.34 -1.82 0.00	37.68 -1.86 0.00	37.28 -1.55 0.00	34.51 -2.40 0.00	33.00 -2.56 0.00	31.71 -2.02 0.00	28.71 -1.20 0.00	29.07 -1.02 0.00
BETHLHEM_115KV_TB1 79974	31.86 0.53 0.00	29.08 0.43 0.00	27.95 0.44 0.00	27.25 0.43 0.00	27.43 0.38 0.00	30.21 0.45 0.00	36.46 0.40 0.00	39.01 0.88 0.00	39.42 1.07 0.00	38.20 0.71 0.00	37.81 0.67 0.00	36.95 0.62 0.00	35.35 0.59 0.00	35.47 0.56 0.00	34.36 0.47 0.00	34.95 0.52 0.00	37.68 0.52 0.00	40.33 0.79 0.00	39.45 0.62 0.00	37.28 0.37 0.00	35.99 0.43 0.00	34.11 0.37 0.00	30.20 0.30 0.00	30.36 0.27 0.00
BETHPAGE_CC_5 323564	36.37 2.22 -2.82	33.00 2.06 -2.28	31.06 2.01 -1.54	29.76 1.96 -0.98	29.71 1.95 -0.71	33.59 2.17 -1.66	42.50 2.81 -3.63	48.87 3.93 -6.81	48.54 3.95 -6.24	41.70 3.22 -0.99	42.58 3.27 -2.16	39.41 3.09 0.00	39.25 3.02 -1.47	39.25 2.97 -1.37	39.98 2.88 -3.22	39.27 2.86 -1.98	41.81 3.27 -1.38	52.96 3.80 -9.63	50.49 3.50 -8.16	44.38 3.03 -4.44	40.85 2.70 -2.59	38.19 2.63 -1.83	37.22 2.12 -5.19	32.11 2.02 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.05 -1.28 0.00	27.08 -1.58 0.00	25.92 -1.60 0.00	25.24 -1.58 0.00	25.70 -1.35 0.00	28.22 -1.55 0.00	34.51 -1.55 0.00	35.35 -2.78 0.00	35.85 -2.49 0.00	34.90 -2.59 0.00	34.14 -3.01 0.00	33.60 -2.72 0.00	32.18 -2.57 0.00	32.43 -2.48 0.00	31.95 -1.93 0.00	32.37 -2.07 0.00	35.49 -1.67 0.00	37.88 -1.66 0.00	37.47 -1.36 0.00	34.66 -2.25 0.00	33.18 -2.38 0.00	31.85 -1.89 0.00	28.83 -1.08 0.00	29.22 -0.87 0.00

BINGHAMTON___COGEN 23790	31.49 0.16 0.00	28.68 0.03 0.00	27.54 0.03 0.00	26.85 0.03 0.00	27.14 0.08 0.00	29.85 0.09 0.00	36.38 0.32 0.00	38.28 0.15 0.00	38.65 0.31 0.00	37.56 0.07 0.00	37.18 0.04 0.00	36.44 0.11 0.00	34.83 0.07 0.00	34.98 0.07 0.00	34.05 0.17 0.00	34.57 0.14 0.00	37.50 0.33 0.00	40.13 0.59 0.00	39.38 0.54 0.00	36.99 0.07 0.00	35.56 0.00 0.00	33.80 0.07 0.00	30.02 0.12 0.00	30.27 0.18 0.00
BIXINCNT_115KV_LOAD 355685	29.98 -1.35 0.00	26.96 -1.69 0.00	25.78 -1.73 0.00	25.13 -1.69 0.00	25.48 -1.57 0.00	28.01 -1.76 0.00	34.22 -1.84 0.00	35.08 -3.05 0.00	35.58 -2.76 0.00	34.64 -2.85 0.00	33.95 -3.19 0.00	33.42 -2.91 0.00	32.08 -2.68 0.00	32.33 -2.58 0.00	31.85 -2.03 0.00	32.37 -2.07 0.00	35.71 -1.45 0.00	38.11 -1.42 0.00	37.67 -1.16 0.00	34.92 -1.99 0.00	33.47 -2.10 0.00	32.15 -1.59 0.00	29.19 -0.72 0.00	29.64 -0.45 0.00
BLACK RIVER___HYD 24047	30.55 -0.78 0.00	27.85 -0.80 0.00	26.72 -0.80 0.00	26.02 -0.80 0.00	26.30 -0.76 0.00	29.05 -0.71 0.00	35.52 -0.54 0.00	37.63 -0.50 0.00	37.77 -0.57 0.00	36.93 -0.56 0.00	36.66 -0.48 0.00	35.89 -0.43 0.00	34.24 -0.52 0.00	34.42 -0.49 0.00	33.51 -0.37 0.00	34.09 -0.34 0.00	36.98 -0.18 0.00	39.81 0.28 0.00	39.07 0.23 0.00	36.88 -0.04 0.00	35.56 0.00 0.00	33.50 -0.23 0.00	29.63 -0.27 0.00	29.76 -0.33 0.00
BLACKRVR_115KV_TB2 79977	30.55 -0.78 0.00	27.85 -0.80 0.00	26.72 -0.80 0.00	25.99 -0.83 0.00	26.30 -0.76 0.00	29.05 -0.71 0.00	35.52 -0.54 0.00	37.60 -0.53 0.00	37.77 -0.58 0.00	36.93 -0.56 0.00	36.66 -0.48 0.00	35.89 -0.44 0.00	34.23 -0.52 0.00	34.39 -0.52 0.00	33.54 -0.34 0.00	34.09 -0.34 0.00	36.98 -0.19 0.00	39.85 0.32 0.00	39.07 0.23 0.00	36.88 -0.04 0.00	35.53 -0.04 0.00	33.50 -0.24 0.00	29.63 -0.27 0.00	29.76 -0.33 0.00
BLISS_WT_PWR 323608	29.86 -1.47 0.00	26.79 -1.86 0.00	25.62 -1.90 0.00	25.08 -1.74 0.00	25.35 -1.70 0.00	27.83 -1.93 0.00	33.97 -2.09 0.00	35.23 -2.90 0.00	34.97 -3.37 0.00	34.45 -3.04 0.00	33.73 -3.42 0.00	33.20 -3.12 0.00	31.91 -2.85 0.00	32.43 -2.48 0.00	31.54 -2.34 0.00	32.27 -2.17 0.00	35.68 -1.49 0.00	38.15 -1.38 0.00	37.51 -1.32 0.00	34.88 -2.03 0.00	33.75 -1.81 0.00	32.12 -1.62 0.00	29.18 -0.72 0.00	29.61 -0.48 0.00
BLUESTONE___WT_PWR 323821	33.31 1.98 0.00	30.32 1.66 0.00	29.11 1.60 0.00	28.35 1.53 0.00	28.68 1.62 0.00	31.64 1.88 0.00	38.80 2.74 0.00	41.18 3.05 0.00	41.26 2.91 0.00	40.19 2.70 0.00	39.78 2.64 0.00	39.09 2.76 0.00	37.29 2.54 0.00	37.46 2.55 0.00	36.35 2.47 0.00	36.91 2.48 0.00	40.14 2.97 0.00	43.21 3.68 0.00	42.33 3.50 0.00	39.65 2.73 0.00	38.27 2.70 0.00	36.10 2.36 0.00	32.00 2.09 0.00	32.14 2.05 0.00
BLUE_CIRC_CHEM_DRP 24182	32.24 0.91 0.00	29.48 0.83 0.00	28.31 0.80 0.00	27.60 0.78 0.00	27.78 0.73 0.00	30.60 0.83 0.00	36.92 0.87 0.00	39.39 1.26 0.00	39.80 1.46 0.00	38.58 1.09 0.00	38.18 1.04 0.00	37.35 1.02 0.00	35.69 0.94 0.00	35.85 0.94 0.00	34.73 0.85 0.00	35.29 0.86 0.00	38.09 0.93 0.00	40.68 1.15 0.00	39.84 1.01 0.00	37.69 0.78 0.00	36.38 0.82 0.00	34.48 0.74 0.00	30.56 0.66 0.00	30.73 0.63 0.00
BOC_GAS_DRP 24189	32.02 0.69 0.00	29.28 0.63 0.00	28.15 0.63 0.00	27.44 0.62 0.00	27.65 0.60 0.00	30.39 0.63 0.00	36.74 0.69 0.00	39.24 1.11 0.00	39.61 1.27 0.00	38.43 0.94 0.00	38.04 0.89 0.00	37.20 0.87 0.00	35.59 0.83 0.00	35.71 0.80 0.00	34.59 0.71 0.00	35.16 0.72 0.00	37.98 0.82 0.00	40.56 1.03 0.00	39.69 0.85 0.00	37.54 0.63 0.00	36.24 0.68 0.00	34.34 0.61 0.00	30.38 0.48 0.00	30.58 0.48 0.00
BOONVILLE_115KV_TB1 79983	31.58 0.25 0.00	28.80 0.14 0.00	27.65 0.14 0.00	26.93 0.11 0.00	27.19 0.14 0.00	30.00 0.24 0.00	36.56 0.50 0.00	38.67 0.53 0.00	38.92 0.58 0.00	37.98 0.49 0.00	37.63 0.48 0.00	36.84 0.51 0.00	35.17 0.42 0.00	35.30 0.38 0.00	34.39 0.51 0.00	34.99 0.55 0.00	37.87 0.71 0.00	40.72 1.19 0.00	39.92 1.09 0.00	37.73 0.81 0.00	36.35 0.78 0.00	34.38 0.64 0.00	30.44 0.54 0.00	30.61 0.51 0.00
BORALEX_4TH_BRANCH 23824	33.05 1.72 0.00	30.23 1.58 0.00	29.03 1.51 0.00	28.32 1.50 0.00	28.54 1.49 0.00	31.43 1.67 0.00	38.04 1.98 0.00	40.69 2.55 0.00	41.07 2.72 0.00	39.70 2.21 0.00	39.22 2.08 0.00	38.29 1.96 0.00	36.63 1.88 0.00	36.80 1.89 0.00	35.54 1.66 0.00	36.26 1.83 0.00	39.02 1.86 0.00	41.95 2.41 0.00	41.01 2.17 0.00	38.65 1.73 0.00	37.48 1.92 0.00	35.49 1.75 0.00	31.31 1.41 0.00	31.54 1.44 0.00
BOWLINE___1 23526	32.65 1.32 0.00	29.89 1.23 0.00	28.72 1.21 0.00	28.03 1.21 0.00	28.22 1.16 0.00	31.07 1.31 0.00	37.75 1.70 0.00	40.84 2.71 0.00	41.07 2.72 0.00	39.55 2.06 0.00	39.26 2.12 0.00	38.32 2.00 0.00	36.70 1.95 0.00	36.76 1.85 0.00	35.64 1.76 0.00	36.19 1.76 0.00	39.21 2.04 0.00	41.99 2.45 0.00	41.01 2.17 0.00	38.72 1.81 0.00	37.17 1.60 0.00	35.32 1.59 0.00	31.13 1.23 0.00	31.27 1.17 0.00
BOWLINE___2 23595	32.65 1.32 0.00	29.89 1.23 0.00	28.72 1.21 0.00	28.03 1.21 0.00	28.22 1.16 0.00	31.07 1.31 0.00	37.79 1.73 0.00	40.84 2.71 0.00	41.07 2.72 0.00	39.55 2.06 0.00	39.26 2.12 0.00	38.32 2.00 0.00	36.70 1.95 0.00	36.76 1.85 0.00	35.64 1.76 0.00	36.19 1.76 0.00	39.21 2.04 0.00	41.99 2.45 0.00	41.01 2.17 0.00	38.72 1.81 0.00	37.17 1.60 0.00	35.32 1.59 0.00	31.13 1.23 0.00	31.27 1.17 0.00
BRADY___115KV_TB2 356060	31.52 0.19 0.00	29.00 0.34 0.00	27.82 0.30 0.00	27.12 0.30 0.00	27.35 0.30 0.00	30.12 0.36 0.00	36.35 0.29 0.00	38.40 0.27 0.00	38.35 0.00 0.00	37.94 0.45 0.00	37.66 0.52 0.00	36.84 0.51 0.00	35.28 0.52 0.00	35.43 0.52 0.00	34.46 0.58 0.00	34.95 0.52 0.00	37.46 0.30 0.00	39.38 -0.16 0.00	38.79 -0.04 0.00	37.36 0.44 0.00	35.99 0.43 0.00	34.04 0.30 0.00	30.41 0.51 0.00	30.70 0.60 0.00
BRANSCOMB___SOLAR 323811	32.77 1.44 0.00	30.00 1.35 0.00	28.81 1.29 0.00	28.03 1.21 0.00	28.24 1.19 0.00	31.19 1.43 0.00	37.79 1.73 0.00	40.57 2.44 0.00	40.88 2.53 0.00	39.51 2.02 0.00	39.11 1.97 0.00	38.25 1.92 0.00	36.49 1.74 0.00	36.59 1.68 0.00	35.47 1.59 0.00	36.09 1.65 0.00	39.09 1.93 0.00	41.83 2.29 0.00	41.01 2.17 0.00	38.80 1.88 0.00	37.41 1.85 0.00	35.39 1.65 0.00	31.31 1.41 0.00	31.45 1.36 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.81 2.66 -2.82	33.40 2.46 -2.28	31.47 2.42 -1.54	30.21 2.41 -0.98	30.12 2.35 -0.71	34.04 2.62 -1.66	43.11 3.43 -3.63	49.25 4.31 -6.81	49.11 4.52 -6.24	42.26 3.79 -0.99	43.21 3.90 -2.16	39.92 3.60 0.00	39.73 3.51 -1.47	39.81 3.53 -1.37	40.52 3.42 -3.22	39.79 3.37 -1.98	42.37 3.83 -1.38	53.64 4.47 -9.63	51.15 4.16 -8.16	44.97 3.62 -4.44	41.49 3.34 -2.59	38.70 3.14 -1.83	37.67 2.57 -5.19	32.53 2.44 0.00



BRISTLHL_115KV_TB1 79998	30.52 -0.81 0.00	27.82 -0.83 0.00	26.74 -0.77 0.00	26.02 -0.80 0.00	26.30 -0.76 0.00	28.96 -0.80 0.00	35.19 -0.87 0.00	37.10 -1.03 0.00	37.43 -0.92 0.00	36.48 -1.01 0.00	36.14 -1.00 0.00	35.38 -0.94 0.00	33.82 -0.94 0.00	33.97 -0.94 0.00	33.03 -0.85 0.00	33.54 -0.90 0.00	36.31 -0.85 0.00	38.78 -0.75 0.00	38.10 -0.74 0.00	35.92 -1.00 0.00	34.57 -1.00 0.00	32.82 -0.91 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00
BROOKHAVEN___DRP 24191	36.53 2.38 -2.82	33.17 2.23 -2.28	31.28 2.23 -1.54	30.11 2.31 -0.98	29.98 2.22 -0.71	33.80 2.38 -1.66	42.89 3.21 -3.63	48.95 4.00 -6.81	48.85 4.26 -6.24	41.93 3.45 -0.99	43.06 3.75 -2.16	39.56 3.23 0.00	39.39 3.16 -1.47	39.46 3.18 -1.37	40.32 3.22 -3.22	39.44 3.03 -1.98	41.96 3.42 -1.38	53.28 4.11 -9.63	50.84 3.84 -8.16	44.57 3.21 -4.44	41.28 3.13 -2.59	38.39 2.83 -1.83	37.40 2.30 -5.19	32.26 2.17 0.00
BROOKLYN_NAVY_YARD 23515	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.14 1.31 0.00	28.33 1.27 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.64 3.30 0.00	40.04 2.55 0.00	39.78 2.64 0.00	38.87 2.54 0.00	37.22 2.47 0.00	37.32 2.41 0.00	36.19 2.31 0.00	36.67 2.24 0.00	39.82 2.64 -0.02	42.64 3.09 -0.02	41.61 2.76 -0.02	39.31 2.40 0.00	37.63 2.06 0.00	35.72 1.99 0.00	31.43 1.52 0.00	31.51 1.41 0.00
BROOKLYN___ARMY_DRP 323595	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
BROOKVLE_69_KV_TB1 55790	36.47 2.32 -2.82	33.06 2.12 -2.28	31.12 2.06 -1.54	29.84 2.04 -0.98	29.74 1.97 -0.71	33.65 2.23 -1.66	42.57 2.88 -3.63	48.64 3.70 -6.81	48.58 3.99 -6.24	41.85 3.37 -0.99	42.69 3.38 -2.16	39.56 3.23 0.00	39.39 3.16 -1.47	39.42 3.14 -1.37	40.08 2.98 -3.22	39.38 2.96 -1.98	41.88 3.34 -1.38	52.88 3.72 -9.63	50.41 3.42 -8.16	44.38 3.03 -4.44	41.00 2.85 -2.59	38.26 2.70 -1.83	37.28 2.18 -5.19	32.17 2.08 0.00
BROOME_2_LFGE 323671	31.46 0.13 0.00	28.68 0.03 0.00	27.54 0.03 0.00	26.88 0.05 0.00	27.14 0.08 0.00	29.85 0.09 0.00	36.38 0.32 0.00	38.51 0.38 0.00	38.58 0.23 0.00	37.60 0.11 0.00	37.18 0.04 0.00	36.44 0.11 0.00	34.83 0.07 0.00	35.05 0.14 0.00	34.02 0.14 0.00	34.57 0.14 0.00	37.53 0.37 0.00	40.13 0.59 0.00	39.38 0.54 0.00	37.02 0.11 0.00	35.64 0.07 0.00	33.84 0.10 0.00	30.02 0.12 0.00	30.28 0.18 0.00
BROOME___LFGE 323600	31.46 0.13 0.00	28.68 0.03 0.00	27.54 0.03 0.00	26.88 0.05 0.00	27.14 0.08 0.00	29.85 0.09 0.00	36.38 0.32 0.00	38.51 0.38 0.00	38.58 0.23 0.00	37.60 0.11 0.00	37.18 0.04 0.00	36.44 0.11 0.00	34.83 0.07 0.00	35.05 0.14 0.00	34.02 0.14 0.00	34.57 0.14 0.00	37.53 0.37 0.00	40.13 0.59 0.00	39.38 0.54 0.00	37.02 0.11 0.00	35.64 0.07 0.00	33.84 0.10 0.00	30.02 0.12 0.00	30.28 0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	30.42 -0.91 0.00	27.85 -0.80 0.00	26.74 -0.77 0.00	26.04 -0.78 0.00	26.30 -0.76 0.00	28.99 -0.77 0.00	35.30 -0.76 0.00	37.41 -0.72 0.00	37.46 -0.88 0.00	36.85 -0.64 0.00	36.59 -0.56 0.00	35.78 -0.54 0.00	34.20 -0.56 0.00	34.39 -0.52 0.00	33.47 -0.41 0.00	33.99 -0.45 0.00	36.49 -0.67 0.00	38.78 -0.75 0.00	38.10 -0.74 0.00	36.40 -0.52 0.00	35.07 -0.50 0.00	33.13 -0.61 0.00	29.45 -0.45 0.00	29.76 -0.33 0.00
BROWNSV1_27_KV_LOAD 356125	33.12 1.79 0.00	30.32 1.66 0.00	29.17 1.65 0.00	28.46 1.64 0.00	28.60 1.54 0.00	31.55 1.79 0.00	38.44 2.38 0.00	41.45 3.32 0.00	41.95 3.60 0.00	40.45 2.96 0.00	40.15 3.01 0.00	39.27 2.94 0.00	37.61 2.85 0.00	37.74 2.83 0.00	36.56 2.68 0.00	37.05 2.62 0.00	40.23 3.05 -0.02	43.07 3.52 -0.02	42.07 3.22 -0.02	39.72 2.81 0.00	38.05 2.49 0.00	36.10 2.36 0.00	31.76 1.85 0.00	31.84 1.75 0.00
BURROWS___LYONSDAL 23803	31.33 0.00 0.00	28.57 -0.09 0.00	27.40 -0.11 0.00	26.69 -0.13 0.00	26.97 -0.08 0.00	29.76 0.00 0.00	36.28 0.22 0.00	38.40 0.27 0.00	38.58 0.23 0.00	37.68 0.19 0.00	37.37 0.22 0.00	36.55 0.22 0.00	34.90 0.14 0.00	35.05 0.14 0.00	34.19 0.30 0.00	34.74 0.31 0.00	37.65 0.48 0.00	40.48 0.95 0.00	39.73 0.89 0.00	37.54 0.63 0.00	36.20 0.64 0.00	34.21 0.47 0.00	30.29 0.39 0.00	30.46 0.36 0.00
CAITHNESS_CC_1 323624	36.50 2.35 -2.82	33.14 2.21 -2.28	31.25 2.20 -1.54	29.97 2.17 -0.98	29.90 2.14 -0.71	33.77 2.35 -1.66	42.82 3.14 -3.63	49.18 4.23 -6.81	48.85 4.26 -6.24	41.85 3.38 -0.99	42.95 3.64 -2.16	39.53 3.20 0.00	39.35 3.13 -1.47	39.35 3.07 -1.37	40.25 3.15 -3.22	39.41 2.99 -1.98	41.96 3.42 -1.38	53.24 4.07 -9.63	50.76 3.77 -8.16	44.53 3.18 -4.44	41.17 3.02 -2.59	38.36 2.80 -1.83	37.37 2.27 -5.19	32.23 2.14 0.00
CALPINE BETH_PAGE_GT4 24209	36.31 2.16 -2.82	32.91 1.98 -2.28	30.98 1.93 -1.54	29.73 1.93 -0.98	29.63 1.87 -0.71	33.53 2.11 -1.66	42.39 2.70 -3.63	48.45 3.51 -6.81	48.35 3.76 -6.24	41.63 3.15 -0.99	42.47 3.16 -2.16	39.34 3.02 0.00	39.18 2.95 -1.47	39.25 2.97 -1.37	39.88 2.78 -3.22	39.17 2.75 -1.98	41.70 3.16 -1.38	52.85 3.68 -9.63	50.37 3.38 -8.16	44.27 2.92 -4.44	40.82 2.67 -2.59	38.12 2.56 -1.83	37.16 2.06 -5.19	32.05 1.96 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.31 2.16 -2.82	32.91 1.98 -2.28	30.98 1.93 -1.54	29.70 1.90 -0.98	29.63 1.87 -0.71	33.53 2.11 -1.66	42.39 2.71 -3.63	48.76 3.81 -6.81	48.42 3.83 -6.24	41.59 3.11 -0.99	42.46 3.16 -2.16	39.34 3.01 0.00	39.18 2.95 -1.47	39.18 2.90 -1.37	39.88 2.78 -3.22	39.17 2.76 -1.98	41.70 3.16 -1.38	52.85 3.68 -9.63	50.37 3.38 -8.16	44.27 2.92 -4.44	40.78 2.63 -2.59	38.09 2.53 -1.83	37.16 2.06 -5.19	32.05 1.95 0.00
CALPINE_BP_GT1 23823	36.31 2.16 -2.82	32.91 1.98 -2.28	30.98 1.93 -1.54	29.70 1.90 -0.98	29.63 1.87 -0.71	33.53 2.11 -1.66	42.39 2.71 -3.63	48.76 3.81 -6.81	48.42 3.83 -6.24	41.59 3.11 -0.99	42.46 3.16 -2.16	39.34 3.01 0.00	39.18 2.95 -1.47	39.18 2.90 -1.37	39.88 2.78 -3.22	39.17 2.76 -1.98	41.70 3.16 -1.38	52.85 3.68 -9.63	50.37 3.38 -8.16	44.27 2.92 -4.44	40.78 2.63 -2.59	38.09 2.53 -1.83	37.16 2.06 -5.19	32.05 1.95 0.00
CALSPAN___DRP 24200	29.95 -1.38 0.00	26.99 -1.66 0.00	25.84 -1.68 0.00	25.16 -1.66 0.00	25.62 -1.43 0.00	28.13 -1.64 0.00	34.36 -1.69 0.00	35.20 -2.94 0.00	35.74 -2.61 0.00	34.75 -2.74 0.00	34.02 -3.12 0.00	33.49 -2.83 0.00	32.05 -2.71 0.00	32.29 -2.62 0.00	31.81 -2.07 0.00	32.23 -2.20 0.00	35.34 -1.82 0.00	37.68 -1.86 0.00	37.28 -1.55 0.00	34.51 -2.40 0.00	33.00 -2.56 0.00	31.71 -2.02 0.00	28.71 -1.20 0.00	29.07 -1.02 0.00

CALVERTON___SOLAR 323806	36.62 2.47 -2.82	33.25 2.32 -2.28	31.36 2.31 -1.54	30.08 2.28 -0.98	30.01 2.24 -0.71	33.89 2.47 -1.66	43.00 3.32 -3.63	49.33 4.38 -6.81	49.04 4.45 -6.24	41.96 3.49 -0.99	43.17 3.86 -2.16	39.63 3.31 0.00	39.46 3.23 -1.47	39.49 3.21 -1.37	40.42 3.32 -3.22	39.51 3.10 -1.98	42.07 3.53 -1.38	53.40 4.23 -9.63	50.96 3.96 -8.16	44.64 3.28 -4.44	41.35 3.20 -2.59	38.49 2.93 -1.83	37.46 2.36 -5.19	32.32 2.23 0.00
CANDIGU_WT_PWR 323617	30.74 -0.60 0.00	27.82 -0.83 0.00	26.63 -0.88 0.00	26.02 -0.80 0.00	26.35 -0.70 0.00	28.99 -0.77 0.00	35.37 -0.69 0.00	37.10 -1.03 0.00	37.00 -1.34 0.00	36.21 -1.27 0.00	35.66 -1.49 0.00	35.06 -1.27 0.00	33.54 -1.22 0.00	33.93 -0.98 0.00	33.00 -0.88 0.00	33.57 -0.86 0.00	36.72 -0.44 0.00	39.30 -0.24 0.00	38.64 -0.19 0.00	36.07 -0.85 0.00	34.78 -0.78 0.00	33.02 -0.71 0.00	29.57 -0.33 0.00	29.88 -0.21 0.00
CARR STREET_E_SYR 24060	30.80 -0.53 0.00	28.08 -0.57 0.00	26.96 -0.55 0.00	26.29 -0.54 0.00	26.54 -0.51 0.00	29.14 -0.63 0.00	35.34 -0.72 0.00	37.37 -0.76 0.00	37.54 -0.81 0.00	36.63 -0.86 0.00	36.29 -0.85 0.00	35.53 -0.80 0.00	33.99 -0.76 0.00	34.18 -0.73 0.00	33.17 -0.71 0.00	33.68 -0.76 0.00	36.49 -0.67 0.00	38.98 -0.55 0.00	38.25 -0.58 0.00	36.07 -0.85 0.00	34.75 -0.82 0.00	32.92 -0.81 0.00	29.18 -0.72 0.00	29.34 -0.75 0.00
CARTHAGE___PAPER 23857	30.49 -0.84 0.00	27.79 -0.86 0.00	26.66 -0.85 0.00	25.96 -0.86 0.00	26.27 -0.79 0.00	28.99 -0.77 0.00	35.45 -0.61 0.00	37.52 -0.61 0.00	37.66 -0.69 0.00	36.85 -0.64 0.00	36.55 -0.60 0.00	35.75 -0.58 0.00	34.09 -0.66 0.00	34.28 -0.63 0.00	33.41 -0.47 0.00	33.99 -0.45 0.00	36.83 -0.34 0.00	39.58 0.04 0.00	38.87 0.04 0.00	36.80 -0.11 0.00	35.49 -0.07 0.00	33.43 -0.30 0.00	29.60 -0.30 0.00	29.76 -0.33 0.00
CASSADAGA_WT_PWR 323784	30.33 -1.00 0.00	27.25 -1.40 0.00	26.03 -1.49 0.00	25.48 -1.34 0.00	25.81 -1.24 0.00	28.34 -1.43 0.00	34.83 -1.23 0.00	36.19 -1.94 0.00	35.81 -2.53 0.00	35.35 -2.14 0.00	33.99 -3.16 0.00	33.46 -2.87 0.00	32.11 -2.64 0.00	32.71 -2.20 0.00	31.95 -1.93 0.00	32.61 -1.83 0.00	36.01 -1.15 0.00	38.70 -0.83 0.00	38.17 -0.66 0.00	35.29 -1.62 0.00	34.14 -1.42 0.00	32.52 -1.21 0.00	29.46 -0.45 0.00	29.88 -0.21 0.00
CE_DUNWOOD___DRP 24194	32.84 1.50 0.00	30.06 1.40 0.00	28.89 1.38 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.25 1.49 0.00	37.97 1.91 0.00	40.84 2.71 0.00	41.26 2.91 0.00	39.81 2.32 0.00	39.52 2.38 0.00	38.62 2.29 0.00	36.95 2.19 0.00	37.11 2.20 0.00	35.91 2.03 0.00	36.43 2.00 0.00	39.47 2.30 0.00	42.30 2.77 0.00	41.32 2.49 0.00	38.98 2.07 0.00	37.45 1.88 0.00	35.56 1.82 0.00	31.31 1.41 0.00	31.45 1.35 0.00
CE_MILLWOOD___DRP 24193	32.80 1.47 0.00	30.00 1.35 0.00	28.83 1.32 0.00	28.16 1.34 0.00	28.33 1.27 0.00	31.19 1.43 0.00	37.90 1.84 0.00	40.72 2.59 0.00	41.18 2.84 0.00	39.74 2.25 0.00	39.45 2.30 0.00	38.54 2.22 0.00	36.88 2.12 0.00	37.04 2.13 0.00	35.85 1.97 0.00	36.36 1.93 0.00	39.39 2.23 0.00	42.22 2.69 0.00	41.24 2.41 0.00	38.91 1.99 0.00	37.38 1.81 0.00	35.49 1.75 0.00	31.25 1.35 0.00	31.39 1.29 0.00
CE_NYC2_DRP 24202	32.87 1.54 0.00	30.09 1.43 0.00	28.97 1.46 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.07 2.94 0.00	41.57 3.22 0.00	40.04 2.55 0.00	39.78 2.64 0.00	38.94 2.62 0.00	37.29 2.54 0.00	37.46 2.55 0.00	36.25 2.37 0.00	36.71 2.27 0.00	39.89 2.71 -0.02	42.68 3.12 -0.02	41.68 2.83 -0.02	39.28 2.36 0.00	37.70 2.13 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.60 1.50 0.00
CE_NYC_DRP 24195	32.84 1.50 0.00	30.06 1.40 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.07 2.94 0.00	41.57 3.22 0.00	40.08 2.59 0.00	39.78 2.64 0.00	38.91 2.58 0.00	37.22 2.47 0.00	37.39 2.48 0.00	36.22 2.34 0.00	36.71 2.27 0.00	39.82 2.64 -0.02	42.64 3.08 -0.02	41.61 2.76 -0.02	39.31 2.40 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.46 1.55 0.00	31.54 1.44 0.00
CHAFFEE___LFGE 323603	29.98 -1.35 0.00	27.05 -1.60 0.00	25.89 -1.62 0.00	25.32 -1.50 0.00	25.68 -1.38 0.00	28.18 -1.58 0.00	34.47 -1.59 0.00	35.69 -2.44 0.00	35.39 -2.95 0.00	34.90 -2.59 0.00	34.14 -3.01 0.00	33.60 -2.73 0.00	32.18 -2.57 0.00	32.75 -2.16 0.00	31.78 -2.10 0.00	32.33 -2.10 0.00	35.53 -1.63 0.00	38.07 -1.46 0.00	37.44 -1.40 0.00	34.66 -2.25 0.00	33.50 -2.06 0.00	31.81 -1.92 0.00	28.77 -1.14 0.00	29.13 -0.96 0.00
CHATEAUG_35_KV_LOAD 355732	31.58 0.25 0.00	28.94 0.29 0.00	27.76 0.25 0.00	27.04 0.21 0.00	27.27 0.22 0.00	29.97 0.21 0.00	35.88 -0.18 0.00	37.75 -0.38 0.00	37.73 -0.61 0.00	37.34 -0.15 0.00	37.11 -0.04 0.00	36.26 -0.07 0.00	34.72 -0.03 0.00	34.91 0.00 0.00	34.02 0.14 0.00	34.78 0.34 0.00	37.50 0.33 0.00	39.46 -0.08 0.00	38.87 0.04 0.00	37.54 0.63 0.00	36.20 0.64 0.00	34.24 0.51 0.00	30.56 0.66 0.00	31.12 1.02 0.00
CHATEAUG_WT_PWR 323614	31.52 0.19 0.00	28.91 0.26 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.24 0.19 0.00	29.91 0.15 0.00	35.77 -0.29 0.00	37.41 -0.73 0.00	37.73 -0.62 0.00	37.27 -0.22 0.00	37.07 -0.07 0.00	36.22 -0.11 0.00	34.69 -0.07 0.00	34.88 -0.03 0.00	33.98 0.10 0.00	34.71 0.27 0.00	37.39 0.22 0.00	39.34 -0.20 0.00	38.79 -0.04 0.00	37.43 0.52 0.00	36.10 0.53 0.00	34.17 0.44 0.00	30.47 0.57 0.00	31.06 0.96 0.00
CHAT_HIGH_FALL_HYD 323578	31.58 0.25 0.00	28.94 0.29 0.00	27.76 0.25 0.00	27.04 0.21 0.00	27.27 0.22 0.00	29.97 0.21 0.00	35.88 -0.18 0.00	37.75 -0.38 0.00	37.73 -0.61 0.00	37.34 -0.15 0.00	37.11 -0.04 0.00	36.26 -0.07 0.00	34.72 -0.03 0.00	34.91 0.00 0.00	34.02 0.14 0.00	34.78 0.34 0.00	37.50 0.33 0.00	39.46 -0.08 0.00	38.87 0.04 0.00	37.54 0.63 0.00	36.20 0.64 0.00	34.24 0.51 0.00	30.56 0.66 0.00	31.12 1.02 0.00
CHAUTAUQUA___LFGE 323629	30.11 -1.22 0.00	27.11 -1.55 0.00	25.95 -1.57 0.00	25.37 -1.45 0.00	25.73 -1.33 0.00	28.25 -1.52 0.00	34.62 -1.44 0.00	35.88 -2.25 0.00	35.55 -2.80 0.00	35.05 -2.44 0.00	34.14 -3.01 0.00	33.60 -2.73 0.00	32.22 -2.54 0.00	32.82 -2.09 0.00	31.88 -2.00 0.00	32.47 -1.96 0.00	35.75 -1.41 0.00	38.35 -1.19 0.00	37.79 -1.05 0.00	34.96 -1.96 0.00	33.79 -1.78 0.00	32.15 -1.58 0.00	29.07 -0.84 0.00	29.46 -0.63 0.00
CHERRYST_13_KV_LD 356241	32.93 1.60 0.00	30.12 1.46 0.00	29.00 1.49 0.00	28.30 1.48 0.00	28.43 1.38 0.00	31.37 1.61 0.00	38.19 2.13 0.00	41.18 3.05 0.00	41.68 3.34 0.00	40.19 2.70 0.00	39.93 2.79 0.00	39.02 2.69 0.00	37.36 2.61 0.00	37.53 2.62 0.00	36.32 2.44 0.00	36.81 2.38 0.00	39.93 2.75 -0.02	42.79 3.24 -0.02	41.72 2.87 -0.02	39.42 2.51 0.00	37.77 2.20 0.00	35.83 2.09 0.00	31.52 1.61 0.00	31.63 1.53 0.00

CHESTROR_138KV_BK263 355645	32.52 1.19 0.00	29.74 1.09 0.00	28.59 1.07 0.00	27.92 1.10 0.00	28.08 1.03 0.00	30.92 1.16 0.00	37.57 1.51 0.00	40.23 2.10 0.00	40.65 2.30 0.00	39.25 1.76 0.00	38.93 1.78 0.00	38.04 1.71 0.00	36.39 1.63 0.00	36.55 1.64 0.00	35.37 1.49 0.00	35.91 1.48 0.00	38.87 1.71 0.00	41.67 2.13 0.00	40.74 1.90 0.00	38.43 1.51 0.00	36.95 1.39 0.00	35.12 1.38 0.00	30.98 1.08 0.00	31.09 0.99 0.00
CH_MIDHUDSON___DRP 24192	32.87 1.54 0.00	30.06 1.40 0.00	28.92 1.40 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.25 1.49 0.00	37.93 1.88 0.00	40.61 2.48 0.00	41.07 2.72 0.00	39.63 2.14 0.00	39.30 2.15 0.00	38.36 2.03 0.00	36.70 1.95 0.00	36.87 1.96 0.00	35.68 1.80 0.00	36.22 1.79 0.00	39.21 2.04 0.00	42.07 2.53 0.00	41.09 2.25 0.00	38.72 1.81 0.00	37.31 1.74 0.00	35.42 1.69 0.00	31.22 1.32 0.00	31.36 1.26 0.00
CH_MISC_IPPS 23765	32.99 1.66 0.00	30.17 1.52 0.00	29.00 1.48 0.00	28.30 1.47 0.00	28.46 1.41 0.00	31.37 1.61 0.00	38.11 2.05 0.00	41.07 2.94 0.00	41.34 2.99 0.00	39.78 2.29 0.00	39.45 2.30 0.00	38.54 2.22 0.00	36.84 2.09 0.00	36.94 2.02 0.00	35.81 1.93 0.00	36.36 1.93 0.00	39.43 2.27 0.00	42.30 2.77 0.00	41.28 2.45 0.00	38.91 1.99 0.00	37.41 1.85 0.00	35.59 1.85 0.00	31.37 1.46 0.00	31.48 1.39 0.00
CH_RES_BVR_FALLS 23983	30.86 -0.47 0.00	28.25 -0.40 0.00	27.10 -0.41 0.00	26.39 -0.43 0.00	26.62 -0.43 0.00	29.29 -0.48 0.00	35.37 -0.69 0.00	37.22 -0.92 0.00	37.46 -0.88 0.00	36.85 -0.64 0.00	36.59 -0.56 0.00	35.78 -0.54 0.00	34.27 -0.49 0.00	34.46 -0.45 0.00	33.51 -0.37 0.00	34.09 -0.34 0.00	36.75 -0.41 0.00	38.90 -0.63 0.00	38.33 -0.51 0.00	36.73 -0.18 0.00	35.42 -0.14 0.00	33.60 -0.13 0.00	29.87 -0.03 0.00	30.12 0.03 0.00
CH_RES_NIAGARA 23895	28.79 -2.54 0.00	25.87 -2.78 0.00	24.87 -2.64 0.00	24.38 -2.44 0.00	24.62 -2.43 0.00	27.00 -2.77 0.00	32.92 -3.14 0.00	33.82 -4.31 0.00	33.63 -4.72 0.00	33.21 -4.27 0.00	32.39 -4.75 0.00	31.89 -4.43 0.00	30.55 -4.21 0.00	31.11 -3.80 0.00	30.19 -3.69 0.00	30.71 -3.72 0.00	33.63 -3.53 0.00	36.02 -3.52 0.00	35.38 -3.46 0.00	32.85 -4.06 0.00	31.76 -3.80 0.00	30.16 -3.58 0.00	27.36 -2.54 0.00	27.72 -2.38 0.00
CH_RES_SYRACUSE 23985	30.99 -0.34 0.00	28.25 -0.40 0.00	27.13 -0.39 0.00	26.45 -0.38 0.00	26.70 -0.35 0.00	29.41 -0.36 0.00	35.77 -0.29 0.00	37.79 -0.34 0.00	37.96 -0.38 0.00	37.08 -0.41 0.00	36.74 -0.41 0.00	35.96 -0.36 0.00	34.41 -0.35 0.00	34.60 -0.31 0.00	33.58 -0.31 0.00	34.09 -0.34 0.00	36.94 -0.22 0.00	39.46 -0.08 0.00	38.72 -0.12 0.00	36.51 -0.41 0.00	35.17 -0.39 0.00	33.33 -0.40 0.00	29.55 -0.36 0.00	29.70 -0.39 0.00
CLINTON_WT_PWR 323605	31.52 0.19 0.00	28.91 0.26 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.24 0.19 0.00	29.91 0.15 0.00	35.77 -0.29 0.00	37.41 -0.73 0.00	37.73 -0.62 0.00	37.27 -0.22 0.00	37.07 -0.07 0.00	36.22 -0.11 0.00	34.69 -0.07 0.00	34.88 -0.03 0.00	33.98 0.10 0.00	34.71 0.27 0.00	37.39 0.22 0.00	39.34 -0.20 0.00	38.79 -0.04 0.00	37.43 0.52 0.00	36.10 0.53 0.00	34.17 0.44 0.00	30.47 0.57 0.00	31.06 0.96 0.00
CLINTON___LFGE 323618	32.05 0.72 0.00	29.37 0.72 0.00	28.15 0.63 0.00	27.44 0.62 0.00	27.68 0.62 0.00	30.42 0.65 0.00	36.28 0.22 0.00	37.90 -0.23 0.00	38.23 -0.11 0.00	37.72 0.23 0.00	37.55 0.41 0.00	36.65 0.33 0.00	35.14 0.38 0.00	35.33 0.42 0.00	34.39 0.51 0.00	35.19 0.76 0.00	37.94 0.78 0.00	39.93 0.40 0.00	39.38 0.54 0.00	37.98 1.07 0.00	36.63 1.07 0.00	34.61 0.88 0.00	30.89 0.99 0.00	31.54 1.44 0.00
COBBLENY_34_KV_TB1 80064	30.02 -1.32 0.00	27.05 -1.60 0.00	25.89 -1.62 0.00	25.21 -1.61 0.00	25.67 -1.38 0.00	28.19 -1.58 0.00	34.47 -1.59 0.00	35.31 -2.82 0.00	35.85 -2.49 0.00	34.87 -2.62 0.00	34.14 -3.01 0.00	33.60 -2.72 0.00	32.18 -2.57 0.00	32.40 -2.51 0.00	31.92 -1.97 0.00	32.30 -2.13 0.00	35.45 -1.71 0.00	37.84 -1.70 0.00	37.44 -1.40 0.00	34.62 -2.29 0.00	33.11 -2.45 0.00	31.78 -1.96 0.00	28.77 -1.14 0.00	29.13 -0.96 0.00
COFFEEN___115KV_TB3 355620	30.70 -0.63 0.00	27.97 -0.69 0.00	26.83 -0.69 0.00	26.13 -0.70 0.00	26.43 -0.62 0.00	29.20 -0.57 0.00	35.73 -0.32 0.00	37.83 -0.31 0.00	38.00 -0.35 0.00	37.15 -0.34 0.00	36.88 -0.26 0.00	36.07 -0.25 0.00	34.41 -0.35 0.00	34.56 -0.35 0.00	33.71 -0.17 0.00	34.26 -0.17 0.00	37.24 0.07 0.00	40.17 0.63 0.00	39.38 0.54 0.00	37.14 0.22 0.00	35.78 0.21 0.00	33.70 -0.03 0.00	29.81 -0.09 0.00	29.94 -0.15 0.00
COLDSPRG_115KV_BK1 355956	30.86 -0.47 0.00	27.77 -0.89 0.00	26.55 -0.96 0.00	25.88 -0.94 0.00	26.35 -0.70 0.00	28.96 -0.80 0.00	35.59 -0.47 0.00	36.61 -1.53 0.00	37.00 -1.34 0.00	36.06 -1.42 0.00	35.10 -2.04 0.00	34.55 -1.78 0.00	33.09 -1.67 0.00	33.38 -1.54 0.00	32.90 -0.98 0.00	33.33 -1.10 0.00	36.72 -0.45 0.00	39.30 -0.24 0.00	38.91 0.08 0.00	35.84 -1.07 0.00	34.32 -1.24 0.00	32.96 -0.78 0.00	29.81 -0.09 0.00	30.21 0.12 0.00
COLONIE_LFGE___ 323577	32.55 1.22 0.00	29.77 1.12 0.00	28.59 1.07 0.00	27.87 1.05 0.00	28.08 1.03 0.00	30.92 1.16 0.00	37.39 1.33 0.00	40.15 2.02 0.00	40.45 2.11 0.00	39.14 1.65 0.00	38.70 1.56 0.00	37.82 1.49 0.00	36.18 1.43 0.00	36.27 1.36 0.00	35.14 1.25 0.00	35.74 1.31 0.00	38.61 1.45 0.00	41.32 1.78 0.00	40.43 1.59 0.00	38.20 1.29 0.00	36.88 1.32 0.00	34.95 1.21 0.00	30.92 1.02 0.00	31.09 0.99 0.00
COOPERNY_115KV_TB1 80082	32.21 0.88 0.00	29.46 0.80 0.00	28.31 0.80 0.00	27.63 0.80 0.00	27.84 0.78 0.00	30.63 0.86 0.00	37.18 1.12 0.00	39.69 1.56 0.00	40.07 1.73 0.00	38.80 1.31 0.00	38.48 1.34 0.00	37.64 1.31 0.00	36.01 1.25 0.00	36.17 1.26 0.00	35.03 1.15 0.00	35.57 1.14 0.00	38.46 1.30 0.00	41.20 1.66 0.00	40.31 1.48 0.00	38.06 1.14 0.00	36.63 1.07 0.00	34.78 1.05 0.00	30.71 0.81 0.00	30.88 0.78 0.00
COPENHAGEN_WT_PWR 323753	30.52 -0.81 0.00	27.82 -0.83 0.00	26.69 -0.82 0.00	25.99 -0.83 0.00	26.27 -0.79 0.00	29.02 -0.74 0.00	35.48 -0.58 0.00	37.56 -0.57 0.00	37.69 -0.65 0.00	36.85 -0.64 0.00	36.59 -0.56 0.00	35.82 -0.51 0.00	34.17 -0.59 0.00	34.35 -0.56 0.00	33.44 -0.44 0.00	33.99 -0.45 0.00	36.90 -0.26 0.00	39.69 0.16 0.00	38.95 0.12 0.00	36.77 -0.15 0.00	35.46 -0.11 0.00	33.40 -0.34 0.00	29.57 -0.33 0.00	29.70 -0.39 0.00
CORNELL_____ 23752	31.93 0.60 0.00	29.08 0.43 0.00	27.93 0.41 0.00	27.20 0.38 0.00	27.51 0.46 0.00	30.33 0.57 0.00	37.00 0.94 0.00	38.97 0.84 0.00	39.34 1.00 0.00	38.20 0.71 0.00	37.81 0.67 0.00	37.05 0.73 0.00	35.45 0.70 0.00	35.54 0.63 0.00	34.59 0.71 0.00	35.19 0.76 0.00	38.24 1.08 0.00	40.92 1.38 0.00	40.19 1.36 0.00	37.76 0.85 0.00	36.31 0.75 0.00	34.44 0.71 0.00	30.50 0.60 0.00	30.70 0.60 0.00

CORONA V_69_KV_TB1 355595	36.31 2.16 -2.82	32.91 1.98 -2.28	30.98 1.93 -1.54	29.70 1.90 -0.98	29.60 1.84 -0.71	33.50 2.08 -1.66	42.35 2.67 -3.63	48.38 3.43 -6.81	48.31 3.72 -6.24	41.59 3.11 -0.99	42.43 3.12 -2.16	39.34 3.02 0.00	39.14 2.92 -1.47	39.21 2.93 -1.37	39.84 2.74 -3.22	39.13 2.72 -1.98	41.66 3.12 -1.38	52.77 3.60 -9.63	50.30 3.30 -8.16	44.20 2.84 -4.44	40.78 2.63 -2.59	38.09 2.53 -1.83	37.13 2.03 -5.19	32.05 1.96 0.00
CORTLAND_115KV_TB3 80093	31.61 0.28 0.00	28.83 0.17 0.00	27.68 0.17 0.00	26.96 0.13 0.00	27.27 0.22 0.00	30.03 0.27 0.00	36.56 0.50 0.00	38.59 0.46 0.00	38.92 0.58 0.00	37.83 0.34 0.00	37.48 0.33 0.00	36.69 0.36 0.00	35.10 0.35 0.00	35.23 0.31 0.00	34.25 0.37 0.00	34.81 0.38 0.00	37.76 0.59 0.00	40.41 0.87 0.00	39.65 0.82 0.00	37.32 0.41 0.00	35.88 0.32 0.00	34.07 0.34 0.00	30.17 0.27 0.00	30.36 0.27 0.00
COXSACKIE__GT 23611	33.34 2.01 0.00	30.40 1.75 0.00	29.22 1.71 0.00	28.46 1.64 0.00	28.60 1.54 0.00	31.70 1.93 0.00	38.48 2.42 0.00	40.91 2.78 0.00	41.34 2.99 0.00	39.63 2.14 0.00	39.11 1.97 0.00	38.14 1.82 0.00	36.36 1.60 0.00	36.55 1.64 0.00	35.51 1.63 0.00	36.16 1.72 0.00	39.39 2.23 0.00	42.26 2.73 0.00	41.24 2.41 0.00	38.87 1.96 0.00	37.45 1.88 0.00	35.49 1.75 0.00	31.52 1.61 0.00	31.57 1.47 0.00
CPV_VALLEY__CC1 323721	32.30 0.97 0.00	29.54 0.89 0.00	28.39 0.88 0.00	27.71 0.88 0.00	27.89 0.84 0.00	30.72 0.95 0.00	37.29 1.23 0.00	40.11 1.98 0.00	40.38 2.03 0.00	38.95 1.46 0.00	38.63 1.49 0.00	37.74 1.42 0.00	36.15 1.39 0.00	36.20 1.29 0.00	35.14 1.25 0.00	35.67 1.24 0.00	38.61 1.45 0.00	41.36 1.82 0.00	40.43 1.59 0.00	38.13 1.22 0.00	36.67 1.10 0.00	34.88 1.15 0.00	30.77 0.87 0.00	30.91 0.81 0.00
CPV_VALLEY__CC2 323722	32.30 0.97 0.00	29.54 0.89 0.00	28.39 0.88 0.00	27.71 0.88 0.00	27.89 0.84 0.00	30.72 0.95 0.00	37.29 1.23 0.00	40.11 1.98 0.00	40.38 2.03 0.00	38.95 1.46 0.00	38.63 1.49 0.00	37.74 1.42 0.00	36.15 1.39 0.00	36.20 1.29 0.00	35.14 1.25 0.00	35.67 1.24 0.00	38.61 1.45 0.00	41.36 1.82 0.00	40.43 1.59 0.00	38.13 1.22 0.00	36.67 1.10 0.00	34.88 1.15 0.00	30.77 0.87 0.00	30.91 0.81 0.00
CRESCENT__HYD 24018	32.55 1.22 0.00	29.77 1.12 0.00	28.59 1.07 0.00	27.87 1.05 0.00	28.08 1.03 0.00	30.92 1.16 0.00	37.39 1.33 0.00	40.15 2.02 0.00	40.45 2.11 0.00	39.14 1.65 0.00	38.70 1.56 0.00	37.82 1.49 0.00	36.18 1.43 0.00	36.27 1.36 0.00	35.14 1.25 0.00	35.74 1.31 0.00	38.61 1.45 0.00	41.32 1.78 0.00	40.43 1.59 0.00	38.20 1.29 0.00	36.88 1.32 0.00	34.95 1.21 0.00	30.92 1.02 0.00	31.09 0.99 0.00
CRICKET__VALLEY_CC1 323756	32.80 1.47 0.00	30.00 1.35 0.00	28.83 1.32 0.00	28.14 1.31 0.00	28.33 1.27 0.00	31.13 1.37 0.00	37.68 1.62 0.00	40.65 2.52 0.00	40.88 2.53 0.00	39.44 1.95 0.00	39.08 1.93 0.00	38.14 1.82 0.00	36.53 1.77 0.00	36.62 1.71 0.00	35.51 1.63 0.00	35.99 1.55 0.00	38.87 1.71 0.00	41.71 2.17 0.00	40.74 1.90 0.00	38.39 1.48 0.00	36.99 1.42 0.00	35.22 1.48 0.00	31.04 1.14 0.00	31.24 1.14 0.00
CRICKET__VALLEY_CC2 323757	32.80 1.47 0.00	30.00 1.35 0.00	28.83 1.32 0.00	28.14 1.31 0.00	28.33 1.27 0.00	31.13 1.37 0.00	37.68 1.62 0.00	40.65 2.52 0.00	40.88 2.53 0.00	39.44 1.95 0.00	39.08 1.93 0.00	38.14 1.82 0.00	36.53 1.77 0.00	36.62 1.71 0.00	35.51 1.63 0.00	35.99 1.55 0.00	38.87 1.71 0.00	41.71 2.17 0.00	40.74 1.90 0.00	38.39 1.48 0.00	36.99 1.42 0.00	35.22 1.48 0.00	31.04 1.14 0.00	31.24 1.14 0.00
CRICKET__VALLEY_CC3 323758	32.80 1.47 0.00	30.00 1.35 0.00	28.83 1.32 0.00	28.14 1.31 0.00	28.33 1.27 0.00	31.13 1.37 0.00	37.68 1.62 0.00	40.65 2.52 0.00	40.88 2.53 0.00	39.44 1.95 0.00	39.08 1.93 0.00	38.14 1.82 0.00	36.53 1.77 0.00	36.62 1.71 0.00	35.51 1.63 0.00	35.99 1.55 0.00	38.87 1.71 0.00	41.71 2.17 0.00	40.74 1.90 0.00	38.39 1.48 0.00	36.99 1.42 0.00	35.22 1.48 0.00	31.04 1.14 0.00	31.24 1.14 0.00
CRUCIBLE_METL_DRP 24180	30.99 -0.34 0.00	28.25 -0.40 0.00	27.13 -0.39 0.00	26.42 -0.40 0.00	26.70 -0.35 0.00	29.41 -0.36 0.00	35.77 -0.29 0.00	37.67 -0.46 0.00	38.04 -0.31 0.00	37.08 -0.41 0.00	36.74 -0.41 0.00	35.96 -0.36 0.00	34.41 -0.35 0.00	34.53 -0.38 0.00	33.58 -0.30 0.00	34.09 -0.34 0.00	36.94 -0.22 0.00	39.42 -0.12 0.00	38.72 -0.12 0.00	36.51 -0.41 0.00	35.14 -0.43 0.00	33.33 -0.40 0.00	29.54 -0.36 0.00	29.70 -0.39 0.00
DAHOWA__HYDRO 323763	32.84 1.50 0.00	30.03 1.38 0.00	28.83 1.32 0.00	28.08 1.26 0.00	28.27 1.22 0.00	31.25 1.49 0.00	37.86 1.80 0.00	40.65 2.52 0.00	41.03 2.68 0.00	39.63 2.14 0.00	39.22 2.08 0.00	38.36 2.03 0.00	36.56 1.81 0.00	36.62 1.71 0.00	35.54 1.66 0.00	36.16 1.72 0.00	39.21 2.04 0.00	41.99 2.45 0.00	41.16 2.33 0.00	38.98 2.07 0.00	37.55 1.99 0.00	35.52 1.79 0.00	31.43 1.52 0.00	31.54 1.44 0.00
DANC__LFGE 323619	30.42 -0.91 0.00	27.74 -0.92 0.00	26.63 -0.88 0.00	25.94 -0.88 0.00	26.22 -0.84 0.00	28.90 -0.86 0.00	35.27 -0.79 0.00	37.33 -0.80 0.00	37.46 -0.88 0.00	36.63 -0.86 0.00	36.33 -0.82 0.00	35.53 -0.80 0.00	33.92 -0.83 0.00	34.11 -0.80 0.00	33.17 -0.71 0.00	33.75 -0.69 0.00	36.61 -0.56 0.00	39.26 -0.27 0.00	38.52 -0.31 0.00	36.36 -0.55 0.00	35.07 -0.50 0.00	33.09 -0.64 0.00	29.31 -0.60 0.00	29.43 -0.66 0.00
DANSKAMMER__1 23586	32.99 1.66 0.00	30.17 1.52 0.00	29.00 1.48 0.00	28.30 1.47 0.00	28.46 1.41 0.00	31.37 1.61 0.00	38.11 2.05 0.00	41.07 2.94 0.00	41.34 2.99 0.00	39.78 2.29 0.00	39.45 2.30 0.00	38.54 2.22 0.00	36.84 2.09 0.00	36.94 2.02 0.00	35.81 1.93 0.00	36.36 1.93 0.00	39.43 2.27 0.00	42.30 2.77 0.00	41.28 2.45 0.00	38.91 1.99 0.00	37.41 1.85 0.00	35.59 1.85 0.00	31.37 1.46 0.00	31.48 1.39 0.00
DANSKAMMER__2 23589	32.99 1.66 0.00	30.17 1.52 0.00	29.00 1.48 0.00	28.30 1.47 0.00	28.46 1.41 0.00	31.37 1.61 0.00	38.11 2.05 0.00	41.07 2.94 0.00	41.34 2.99 0.00	39.78 2.29 0.00	39.45 2.30 0.00	38.54 2.22 0.00	36.84 2.09 0.00	36.94 2.02 0.00	35.81 1.93 0.00	36.36 1.93 0.00	39.43 2.27 0.00	42.30 2.77 0.00	41.28 2.45 0.00	38.91 1.99 0.00	37.41 1.85 0.00	35.59 1.85 0.00	31.37 1.46 0.00	31.48 1.39 0.00
DANSKAMMER__3 23590	32.99 1.66 0.00	30.17 1.52 0.00	29.00 1.48 0.00	28.30 1.47 0.00	28.46 1.41 0.00	31.37 1.61 0.00	38.11 2.05 0.00	41.07 2.94 0.00	41.34 2.99 0.00	39.78 2.29 0.00	39.45 2.30 0.00	38.54 2.22 0.00	36.84 2.09 0.00	36.94 2.02 0.00	35.81 1.93 0.00	36.36 1.93 0.00	39.43 2.27 0.00	42.30 2.77 0.00	41.28 2.45 0.00	38.91 1.99 0.00	37.41 1.85 0.00	35.59 1.85 0.00	31.37 1.46 0.00	31.48 1.39 0.00

DANSKAMMER___4 23591	32.99 1.66 0.00	30.17 1.52 0.00	29.00 1.48 0.00	28.30 1.47 0.00	28.46 1.41 0.00	31.37 1.61 0.00	38.11 2.05 0.00	41.07 2.94 0.00	41.34 2.99 0.00	39.78 2.29 0.00	39.45 2.30 0.00	38.54 2.22 0.00	36.84 2.09 0.00	36.94 2.02 0.00	35.81 1.93 0.00	36.36 1.93 0.00	39.43 2.27 0.00	42.30 2.77 0.00	41.28 2.45 0.00	38.91 1.99 0.00	37.41 1.85 0.00	35.59 1.85 0.00	31.37 1.46 0.00	31.48 1.39 0.00
DANSKAMMER___DIESEL 23592	32.99 1.66 0.00	30.17 1.52 0.00	29.00 1.49 0.00	28.32 1.50 0.00	28.46 1.41 0.00	31.37 1.61 0.00	38.11 2.06 0.00	40.80 2.67 0.00	41.26 2.91 0.00	39.78 2.29 0.00	39.45 2.30 0.00	38.54 2.22 0.00	36.84 2.09 0.00	37.01 2.09 0.00	35.81 1.93 0.00	36.36 1.93 0.00	39.43 2.27 0.00	42.30 2.77 0.00	41.28 2.45 0.00	38.94 2.03 0.00	37.45 1.88 0.00	35.59 1.86 0.00	31.37 1.47 0.00	31.48 1.38 0.00
DARBY___SOLAR 323810	32.80 1.47 0.00	30.00 1.35 0.00	28.81 1.29 0.00	28.06 1.23 0.00	28.24 1.19 0.00	31.19 1.43 0.00	37.79 1.73 0.00	40.57 2.44 0.00	40.95 2.61 0.00	39.59 2.10 0.00	39.15 2.00 0.00	38.29 1.96 0.00	36.53 1.77 0.00	36.62 1.71 0.00	35.51 1.63 0.00	36.12 1.69 0.00	39.13 1.97 0.00	41.87 2.33 0.00	41.05 2.21 0.00	38.83 1.92 0.00	37.45 1.88 0.00	35.42 1.69 0.00	31.34 1.44 0.00	31.48 1.39 0.00
DASHVILLE___HYD 23610	32.71 1.38 0.00	29.94 1.29 0.00	28.81 1.29 0.00	28.11 1.29 0.00	28.27 1.22 0.00	31.13 1.37 0.00	37.83 1.77 0.00	40.46 2.33 0.00	40.88 2.53 0.00	39.40 1.91 0.00	39.11 1.97 0.00	38.18 1.85 0.00	36.49 1.74 0.00	36.66 1.75 0.00	35.47 1.59 0.00	36.02 1.58 0.00	39.06 1.90 0.00	41.91 2.37 0.00	40.89 2.06 0.00	38.54 1.62 0.00	37.09 1.53 0.00	35.29 1.55 0.00	31.07 1.17 0.00	31.21 1.11 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.34 3.20 -2.82	33.91 2.98 -2.28	32.00 2.94 -1.54	30.78 2.98 -0.98	30.69 2.92 -0.71	34.57 3.15 -1.66	43.98 4.29 -3.63	50.02 5.07 -6.81	50.00 5.41 -6.24	42.90 4.42 -0.99	44.10 4.79 -2.16	40.47 4.14 0.00	40.29 4.07 -1.47	40.37 4.08 -1.37	41.27 4.17 -3.22	40.37 3.96 -1.98	43.00 4.46 -1.38	54.47 5.30 -9.63	52.04 5.05 -8.16	45.64 4.28 -4.44	42.28 4.13 -2.59	39.30 3.74 -1.83	38.18 3.08 -5.19	33.01 2.92 0.00
DELAWARE___LFGE 323621	32.30 0.97 0.00	29.57 0.92 0.00	28.39 0.88 0.00	27.68 0.86 0.00	27.92 0.87 0.00	30.72 0.95 0.00	37.36 1.30 0.00	39.69 1.56 0.00	40.07 1.73 0.00	38.91 1.42 0.00	38.56 1.41 0.00	37.74 1.42 0.00	36.08 1.32 0.00	36.20 1.29 0.00	35.13 1.25 0.00	35.64 1.21 0.00	38.57 1.41 0.00	41.35 1.82 0.00	40.50 1.67 0.00	38.17 1.26 0.00	36.74 1.17 0.00	34.88 1.15 0.00	30.86 0.96 0.00	31.00 0.90 0.00
DERFIELD_115KV_TB7 355931	31.43 0.09 0.00	28.71 0.06 0.00	27.60 0.08 0.00	26.90 0.08 0.00	27.11 0.05 0.00	29.82 0.06 0.00	36.17 0.11 0.00	38.28 0.15 0.00	38.54 0.19 0.00	37.56 0.07 0.00	37.22 0.07 0.00	36.40 0.07 0.00	34.83 0.07 0.00	34.98 0.07 0.00	33.95 0.07 0.00	34.50 0.07 0.00	37.27 0.11 0.00	39.81 0.28 0.00	39.07 0.23 0.00	37.02 0.11 0.00	35.67 0.11 0.00	33.84 0.10 0.00	29.96 0.06 0.00	30.15 0.06 0.00
DOGLEVILLE___HYD 23807	32.05 0.72 0.00	29.28 0.63 0.00	28.12 0.60 0.00	27.41 0.59 0.00	27.65 0.59 0.00	30.39 0.63 0.00	36.82 0.76 0.00	39.01 0.88 0.00	39.19 0.84 0.00	38.20 0.71 0.00	37.81 0.67 0.00	36.98 0.65 0.00	35.35 0.59 0.00	35.50 0.59 0.00	34.49 0.61 0.00	35.05 0.62 0.00	37.91 0.74 0.00	40.56 1.03 0.00	39.76 0.93 0.00	37.69 0.78 0.00	36.31 0.75 0.00	34.48 0.74 0.00	30.56 0.66 0.00	30.73 0.63 0.00
DUNKIRK___115KV_TB_200 55889	30.11 -1.22 0.00	27.11 -1.55 0.00	25.95 -1.57 0.00	25.29 -1.53 0.00	25.73 -1.33 0.00	28.25 -1.52 0.00	34.58 -1.48 0.00	35.50 -2.63 0.00	35.97 -2.38 0.00	35.02 -2.47 0.00	34.17 -2.97 0.00	33.64 -2.69 0.00	32.22 -2.54 0.00	32.47 -2.44 0.00	32.02 -1.86 0.00	32.44 -2.00 0.00	35.64 -1.52 0.00	38.07 -1.46 0.00	37.71 -1.13 0.00	34.85 -2.07 0.00	33.36 -2.20 0.00	32.05 -1.69 0.00	29.01 -0.90 0.00	29.40 -0.69 0.00
DUNKIRK___1 23563	30.11 -1.22 0.00	27.11 -1.55 0.00	25.95 -1.57 0.00	25.29 -1.53 0.00	25.73 -1.33 0.00	28.25 -1.52 0.00	34.58 -1.48 0.00	35.50 -2.63 0.00	35.97 -2.38 0.00	35.02 -2.47 0.00	34.17 -2.97 0.00	33.64 -2.69 0.00	32.22 -2.54 0.00	32.47 -2.44 0.00	32.02 -1.86 0.00	32.44 -2.00 0.00	35.64 -1.52 0.00	38.07 -1.46 0.00	37.71 -1.13 0.00	34.85 -2.07 0.00	33.36 -2.20 0.00	32.05 -1.69 0.00	29.01 -0.90 0.00	29.40 -0.69 0.00
DUNKIRK___2 23564	30.11 -1.22 0.00	27.11 -1.55 0.00	25.95 -1.57 0.00	25.29 -1.53 0.00	25.73 -1.33 0.00	28.25 -1.52 0.00	34.58 -1.48 0.00	35.50 -2.63 0.00	35.97 -2.38 0.00	35.02 -2.47 0.00	34.17 -2.97 0.00	33.64 -2.69 0.00	32.22 -2.54 0.00	32.47 -2.44 0.00	32.02 -1.86 0.00	32.44 -2.00 0.00	35.64 -1.52 0.00	38.07 -1.46 0.00	37.71 -1.13 0.00	34.85 -2.07 0.00	33.36 -2.20 0.00	32.05 -1.69 0.00	29.01 -0.90 0.00	29.40 -0.69 0.00
DUNKIRK___3 23565	30.08 -1.25 0.00	27.11 -1.55 0.00	25.95 -1.57 0.00	25.29 -1.53 0.00	25.73 -1.33 0.00	28.28 -1.49 0.00	34.58 -1.48 0.00	35.46 -2.67 0.00	35.97 -2.38 0.00	34.98 -2.51 0.00	34.21 -2.93 0.00	33.64 -2.69 0.00	32.22 -2.54 0.00	32.47 -2.44 0.00	31.98 -1.90 0.00	32.40 -2.03 0.00	35.56 -1.60 0.00	37.99 -1.54 0.00	37.59 -1.24 0.00	34.77 -2.14 0.00	33.29 -2.28 0.00	31.95 -1.79 0.00	28.92 -0.99 0.00	29.28 -0.81 0.00
DUNKIRK___4 23566	30.05 -1.28 0.00	27.08 -1.58 0.00	25.92 -1.60 0.00	25.24 -1.58 0.00	25.67 -1.38 0.00	28.22 -1.55 0.00	34.54 -1.51 0.00	35.39 -2.75 0.00	35.89 -2.45 0.00	34.94 -2.55 0.00	34.14 -3.01 0.00	33.60 -2.72 0.00	32.18 -2.57 0.00	32.43 -2.48 0.00	31.95 -1.93 0.00	32.37 -2.07 0.00	35.56 -1.60 0.00	37.99 -1.54 0.00	37.59 -1.24 0.00	34.74 -2.18 0.00	33.25 -2.31 0.00	31.95 -1.79 0.00	28.92 -0.99 0.00	29.31 -0.78 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.90 1.57 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.41 1.35 0.00	31.31 1.55 0.00	38.04 1.98 0.00	40.91 2.78 0.00	41.37 3.03 0.00	39.93 2.44 0.00	39.60 2.45 0.00	38.73 2.40 0.00	37.05 2.29 0.00	37.22 2.30 0.00	36.02 2.13 0.00	36.53 2.10 0.00	39.58 2.42 0.00	42.42 2.89 0.00	41.44 2.60 0.00	39.09 2.18 0.00	37.56 1.99 0.00	35.66 1.92 0.00	31.40 1.50 0.00	31.51 1.41 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.77 1.44 0.00	29.97 1.32 0.00	28.81 1.29 0.00	28.14 1.31 0.00	28.27 1.22 0.00	31.16 1.40 0.00	37.90 1.84 0.00	40.53 2.40 0.00	40.99 2.65 0.00	39.55 2.06 0.00	39.22 2.08 0.00	38.29 1.96 0.00	36.60 1.84 0.00	36.76 1.85 0.00	35.61 1.73 0.00	36.16 1.72 0.00	39.17 2.01 0.00	42.03 2.49 0.00	41.01 2.17 0.00	38.69 1.77 0.00	37.24 1.67 0.00	35.39 1.65 0.00	31.19 1.29 0.00	31.30 1.20 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.80 1.47 0.00	30.09 1.43 0.00	28.97 1.46 0.00	28.22 1.39 0.00	28.35 1.30 0.00	31.16 1.40 0.00	37.86 1.80 0.00	40.84 2.71 0.00	41.34 2.99 0.00	39.81 2.32 0.00	39.60 2.45 0.00	38.76 2.43 0.00	37.12 2.36 0.00	37.25 2.34 0.00	36.08 2.20 0.00	36.53 2.10 0.00	39.67 2.49 -0.02	42.48 2.93 -0.02	41.53 2.68 -0.02	39.13 2.21 0.00	37.52 1.96 0.00	35.69 1.96 0.00	31.34 1.44 0.00	31.63 1.53 0.00
E179THST_13_KV_LOAD 356214	32.93 1.60 0.00	30.17 1.52 0.00	29.05 1.54 0.00	28.30 1.48 0.00	28.43 1.38 0.00	31.28 1.52 0.00	38.04 1.98 0.00	41.03 2.90 0.00	41.53 3.18 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.94 2.62 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.71 2.27 0.00	39.89 2.71 -0.02	42.68 3.12 -0.02	41.72 2.87 -0.02	39.31 2.40 0.00	37.70 2.13 0.00	35.83 2.09 0.00	31.49 1.58 0.00	31.75 1.66 0.00
EAST HAMPTON___GT 23717	37.66 3.51 -2.82	34.20 3.27 -2.28	32.27 3.22 -1.54	30.94 3.14 -0.98	30.90 3.14 -0.71	34.87 3.45 -1.66	44.37 4.69 -3.63	50.78 5.83 -6.81	50.46 5.87 -6.24	43.28 4.80 -0.99	44.51 5.20 -2.16	40.87 4.54 0.00	40.67 4.45 -1.47	40.68 4.40 -1.37	41.61 4.51 -3.22	40.72 4.30 -1.98	43.48 4.94 -1.38	54.98 5.81 -9.63	52.51 5.51 -8.16	46.08 4.73 -4.44	42.63 4.48 -2.59	39.64 4.08 -1.83	38.47 3.38 -5.19	33.32 3.22 0.00
EAST RIVER___6 23660	32.68 1.35 0.00	29.91 1.26 0.00	28.78 1.27 0.00	28.03 1.21 0.00	28.22 1.16 0.00	31.13 1.37 0.00	37.93 1.87 0.00	41.26 3.13 0.00	41.57 3.22 0.00	39.96 2.47 0.00	39.71 2.56 0.00	38.83 2.50 0.00	37.15 2.40 0.00	37.25 2.34 0.00	36.12 2.24 0.00	36.60 2.17 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.20 2.29 0.00	37.48 1.92 0.00	35.62 1.89 0.00	31.31 1.41 0.00	31.42 1.32 0.00
EAST RIVER___7 23524	32.68 1.35 0.00	29.91 1.26 0.00	28.78 1.27 0.00	28.03 1.21 0.00	28.22 1.16 0.00	31.13 1.37 0.00	37.93 1.87 0.00	41.26 3.13 0.00	41.57 3.22 0.00	39.96 2.47 0.00	39.71 2.56 0.00	38.83 2.50 0.00	37.15 2.40 0.00	37.25 2.34 0.00	36.12 2.24 0.00	36.60 2.17 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.20 2.29 0.00	37.48 1.92 0.00	35.62 1.89 0.00	31.31 1.41 0.00	31.42 1.32 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.84 1.50 0.00	30.06 1.40 0.00	28.89 1.38 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.25 1.49 0.00	37.97 1.91 0.00	40.84 2.71 0.00	41.26 2.91 0.00	39.81 2.32 0.00	39.52 2.38 0.00	38.62 2.29 0.00	36.95 2.19 0.00	37.11 2.20 0.00	35.91 2.03 0.00	36.43 2.00 0.00	39.47 2.30 0.00	42.30 2.77 0.00	41.32 2.49 0.00	38.98 2.07 0.00	37.45 1.88 0.00	35.56 1.82 0.00	31.31 1.41 0.00	31.45 1.35 0.00
EAST_HAMPTON___DIESEL 23722	37.66 3.51 -2.82	34.20 3.27 -2.28	32.27 3.22 -1.54	30.94 3.14 -0.98	30.90 3.14 -0.71	34.87 3.45 -1.66	44.37 4.69 -3.63	50.78 5.83 -6.81	50.46 5.87 -6.24	43.32 4.84 -0.99	44.51 5.20 -2.16	40.87 4.54 0.00	40.67 4.45 -1.47	40.71 4.43 -1.37	41.61 4.51 -3.22	40.72 4.30 -1.98	43.48 4.94 -1.38	54.98 5.81 -9.63	52.55 5.55 -8.16	46.08 4.73 -4.44	42.63 4.48 -2.59	39.64 4.08 -1.83	38.47 3.38 -5.19	33.32 3.22 0.00
EAST_PULASKI___ESR 323781	30.42 -0.91 0.00	27.77 -0.89 0.00	26.63 -0.88 0.00	25.94 -0.89 0.00	26.22 -0.84 0.00	28.90 -0.86 0.00	35.19 -0.87 0.00	37.14 -0.99 0.00	37.43 -0.92 0.00	36.51 -0.97 0.00	36.18 -0.97 0.00	35.42 -0.91 0.00	33.85 -0.90 0.00	34.00 -0.91 0.00	33.07 -0.81 0.00	33.57 -0.86 0.00	36.42 -0.74 0.00	38.94 -0.59 0.00	38.25 -0.58 0.00	36.10 -0.81 0.00	34.75 -0.82 0.00	32.89 -0.84 0.00	29.13 -0.78 0.00	29.28 -0.81 0.00
EAST_RIVER___1 323558	32.84 1.50 0.00	30.06 1.40 0.00	28.94 1.43 0.00	28.19 1.37 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.37 3.24 0.00	41.64 3.30 0.00	40.07 2.58 0.00	39.78 2.64 0.00	38.91 2.58 0.00	37.22 2.47 0.00	37.32 2.41 0.00	36.19 2.31 0.00	36.71 2.27 0.00	39.86 2.68 -0.02	42.64 3.09 -0.02	41.61 2.76 -0.02	39.31 2.40 0.00	37.59 2.03 0.00	35.72 1.99 0.00	31.46 1.55 0.00	31.54 1.44 0.00
EAST_RIVER___2 323559	32.68 1.35 0.00	29.91 1.26 0.00	28.78 1.27 0.00	28.03 1.21 0.00	28.22 1.16 0.00	31.13 1.37 0.00	37.93 1.87 0.00	41.26 3.13 0.00	41.57 3.22 0.00	39.96 2.47 0.00	39.71 2.56 0.00	38.83 2.50 0.00	37.15 2.40 0.00	37.25 2.34 0.00	36.12 2.24 0.00	36.60 2.17 0.00	39.78 2.60 -0.02	42.55 3.00 -0.02	41.53 2.68 -0.02	39.20 2.29 0.00	37.48 1.92 0.00	35.62 1.89 0.00	31.31 1.41 0.00	31.42 1.32 0.00
EAST___DELAWARE_HYD 23607	32.52 1.19 0.00	29.74 1.09 0.00	28.59 1.07 0.00	27.90 1.07 0.00	28.06 1.00 0.00	30.96 1.19 0.00	37.75 1.70 0.00	40.54 2.40 0.00	40.80 2.46 0.00	39.21 1.73 0.00	38.93 1.78 0.00	38.00 1.67 0.00	35.38 0.63 0.00	35.47 0.56 0.00	34.42 0.54 0.00	34.92 0.48 0.00	37.98 0.82 0.00	40.80 1.26 0.00	39.76 0.93 0.00	37.47 0.55 0.00	36.95 1.39 0.00	35.18 1.45 0.00	30.98 1.07 0.00	31.09 0.99 0.00
EIGHT_POINT___WT_PWR 323820	31.05 -0.28 0.00	28.08 -0.57 0.00	26.85 -0.66 0.00	26.21 -0.62 0.00	26.57 -0.49 0.00	29.23 -0.53 0.00	35.77 -0.29 0.00	37.48 -0.65 0.00	37.39 -0.96 0.00	36.63 -0.86 0.00	36.10 -1.04 0.00	35.49 -0.83 0.00	33.99 -0.76 0.00	34.42 -0.49 0.00	33.51 -0.37 0.00	34.12 -0.31 0.00	37.39 0.22 0.00	40.05 0.51 0.00	39.42 0.58 0.00	36.69 -0.22 0.00	35.39 -0.18 0.00	33.57 -0.17 0.00	30.08 0.18 0.00	30.40 0.30 0.00
ELBRIDGE_115KV_TB2 80188	30.83 -0.50 0.00	28.11 -0.54 0.00	26.99 -0.52 0.00	26.29 -0.54 0.00	26.57 -0.49 0.00	29.26 -0.51 0.00	35.59 -0.47 0.00	37.48 -0.65 0.00	37.81 -0.54 0.00	36.85 -0.64 0.00	36.51 -0.63 0.00	35.71 -0.62 0.00	34.17 -0.59 0.00	34.32 -0.59 0.00	33.37 -0.51 0.00	33.88 -0.55 0.00	36.72 -0.45 0.00	39.22 -0.32 0.00	38.52 -0.31 0.00	36.32 -0.59 0.00	34.92 -0.64 0.00	33.16 -0.57 0.00	29.39 -0.51 0.00	29.58 -0.51 0.00
ELEC_TRO_TEK 24086	36.19 2.04 -2.82	32.80 1.86 -2.28	30.87 1.82 -1.54	29.60 1.80 -0.98	29.52 1.76 -0.71	33.38 1.96 -1.66	42.21 2.52 -3.63	48.26 3.32 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.28 2.97 -2.16	39.20 2.87 0.00	39.00 2.78 -1.47	39.07 2.79 -1.37	39.71 2.61 -3.22	39.00 2.58 -1.98	41.48 2.94 -1.38	52.61 3.44 -9.63	50.14 3.15 -8.16	44.05 2.69 -4.44	40.64 2.49 -2.59	37.95 2.40 -1.83	37.01 1.91 -5.19	31.93 1.84 0.00
ELLENBURG_WT_PWR 323604	31.52 0.19 0.00	28.91 0.26 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.24 0.19 0.00	29.91 0.15 0.00	35.77 -0.29 0.00	37.41 -0.73 0.00	37.73 -0.62 0.00	37.27 -0.22 0.00	37.07 -0.07 0.00	36.22 -0.11 0.00	34.69 -0.07 0.00	34.88 -0.03 0.00	33.98 0.10 0.00	34.71 0.27 0.00	37.39 0.22 0.00	39.34 -0.20 0.00	38.79 -0.04 0.00	37.43 0.52 0.00	36.10 0.53 0.00	34.17 0.44 0.00	30.47 0.57 0.00	31.06 0.96 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.70 -1.63 0.00	26.76 -1.89 0.00	25.64 -1.87 0.00	24.97 -1.85 0.00	25.43 -1.62 0.00	27.92 -1.85 0.00	34.11 -1.95 0.00	34.89 -3.24 0.00	35.43 -2.91 0.00	34.45 -3.04 0.00	33.73 -3.42 0.00	33.17 -3.16 0.00	31.77 -2.99 0.00	32.01 -2.90 0.00	31.51 -2.37 0.00	31.92 -2.51 0.00	35.01 -2.16 0.00	37.32 -2.21 0.00	36.89 -1.94 0.00	34.18 -2.73 0.00	32.68 -2.88 0.00	31.41 -2.33 0.00	28.44 -1.47 0.00	28.80 -1.29 0.00
EMPIRE_CC_1 323656	32.27 0.94 0.00	29.51 0.86 0.00	28.37 0.85 0.00	27.66 0.83 0.00	27.86 0.81 0.00	30.66 0.89 0.00	36.89 0.83 0.00	39.62 1.49 0.00	39.92 1.57 0.00	38.58 1.09 0.00	38.18 1.04 0.00	37.31 0.98 0.00	35.69 0.94 0.00	35.78 0.87 0.00	34.59 0.71 0.00	35.19 0.76 0.00	37.94 0.78 0.00	40.64 1.11 0.00	39.73 0.89 0.00	37.61 0.70 0.00	36.31 0.75 0.00	34.44 0.71 0.00	30.59 0.69 0.00	30.79 0.69 0.00
EMPIRE_CC_2 323658	32.27 0.94 0.00	29.51 0.86 0.00	28.37 0.85 0.00	27.66 0.83 0.00	27.86 0.81 0.00	30.66 0.89 0.00	36.89 0.83 0.00	39.62 1.49 0.00	39.92 1.57 0.00	38.58 1.09 0.00	38.18 1.04 0.00	37.31 0.98 0.00	35.69 0.94 0.00	35.78 0.87 0.00	34.59 0.71 0.00	35.19 0.76 0.00	37.94 0.78 0.00	40.64 1.11 0.00	39.73 0.89 0.00	37.61 0.70 0.00	36.31 0.75 0.00	34.44 0.71 0.00	30.59 0.69 0.00	30.79 0.69 0.00
ENORWICH_115KV_TB1 80156	33.87 2.54 0.00	30.83 2.18 0.00	29.58 2.06 0.00	28.78 1.96 0.00	29.16 2.11 0.00	32.20 2.44 0.00	39.59 3.53 0.00	41.79 3.66 0.00	42.10 3.76 0.00	40.86 3.37 0.00	40.41 3.27 0.00	39.78 3.45 0.00	37.95 3.20 0.00	37.98 3.07 0.00	37.03 3.15 0.00	37.57 3.13 0.00	41.03 3.86 0.00	44.32 4.78 0.00	43.42 4.58 0.00	40.57 3.65 0.00	39.05 3.49 0.00	36.87 3.14 0.00	32.65 2.75 0.00	32.80 2.71 0.00
ERIE_ST__34_KV_TB1-2 80199	30.33 -1.00 0.00	27.31 -1.35 0.00	26.14 -1.38 0.00	25.48 -1.34 0.00	25.94 -1.11 0.00	28.48 -1.28 0.00	34.83 -1.23 0.00	35.73 -2.40 0.00	36.24 -2.11 0.00	35.28 -2.21 0.00	34.51 -2.64 0.00	33.97 -2.36 0.00	32.53 -2.22 0.00	32.78 -2.13 0.00	32.26 -1.63 0.00	32.68 -1.76 0.00	35.86 -1.30 0.00	38.31 -1.23 0.00	37.90 -0.93 0.00	34.99 -1.92 0.00	33.47 -2.10 0.00	32.12 -1.62 0.00	29.07 -0.84 0.00	29.46 -0.63 0.00
ERIE_WT_PWR 323693	29.95 -1.38 0.00	26.99 -1.66 0.00	25.83 -1.68 0.00	25.27 -1.56 0.00	25.65 -1.41 0.00	28.16 -1.61 0.00	34.40 -1.66 0.00	35.58 -2.55 0.00	35.32 -3.03 0.00	34.83 -2.66 0.00	34.02 -3.12 0.00	33.49 -2.83 0.00	32.08 -2.68 0.00	32.68 -2.24 0.00	31.71 -2.17 0.00	32.27 -2.17 0.00	35.45 -1.71 0.00	37.95 -1.58 0.00	37.36 -1.48 0.00	34.59 -2.32 0.00	33.43 -2.13 0.00	31.74 -1.99 0.00	28.74 -1.17 0.00	29.10 -0.99 0.00
ESPRGFLD_115KV_TB1 80157	32.74 1.41 0.00	29.97 1.32 0.00	28.75 1.24 0.00	28.00 1.18 0.00	28.27 1.22 0.00	31.22 1.46 0.00	38.11 2.06 0.00	40.38 2.25 0.00	40.76 2.42 0.00	39.51 2.02 0.00	39.11 1.97 0.00	38.29 1.96 0.00	36.56 1.81 0.00	36.69 1.78 0.00	35.61 1.73 0.00	36.19 1.76 0.00	39.21 2.04 0.00	42.07 2.53 0.00	41.24 2.41 0.00	38.83 1.92 0.00	37.34 1.78 0.00	35.49 1.75 0.00	31.37 1.47 0.00	31.48 1.38 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.86 0.53 0.00	29.05 0.40 0.00	27.90 0.39 0.00	27.17 0.35 0.00	27.49 0.43 0.00	30.27 0.51 0.00	36.92 0.87 0.00	38.93 0.80 0.00	39.27 0.92 0.00	38.13 0.64 0.00	37.74 0.59 0.00	36.98 0.65 0.00	35.38 0.63 0.00	35.50 0.59 0.00	34.53 0.64 0.00	35.12 0.69 0.00	38.13 0.97 0.00	40.84 1.30 0.00	40.11 1.28 0.00	37.69 0.78 0.00	36.24 0.68 0.00	34.38 0.64 0.00	30.47 0.57 0.00	30.64 0.54 0.00
ETNA____115KV_TB2 80207	31.86 0.53 0.00	29.05 0.40 0.00	27.90 0.39 0.00	27.17 0.35 0.00	27.49 0.43 0.00	30.27 0.51 0.00	36.92 0.87 0.00	38.93 0.80 0.00	39.27 0.92 0.00	38.13 0.64 0.00	37.74 0.59 0.00	36.98 0.65 0.00	35.38 0.63 0.00	35.50 0.59 0.00	34.53 0.64 0.00	35.12 0.69 0.00	38.13 0.97 0.00	40.84 1.30 0.00	40.11 1.28 0.00	37.69 0.78 0.00	36.24 0.68 0.00	34.38 0.64 0.00	30.47 0.57 0.00	30.64 0.54 0.00
EUCLID__115KV_TB2 356179	30.61 -0.72 0.00	27.94 -0.72 0.00	26.83 -0.69 0.00	26.13 -0.70 0.00	26.40 -0.65 0.00	29.05 -0.71 0.00	35.27 -0.79 0.00	37.18 -0.95 0.00	37.50 -0.84 0.00	36.55 -0.94 0.00	36.22 -0.93 0.00	35.46 -0.87 0.00	33.89 -0.87 0.00	34.04 -0.87 0.00	33.10 -0.78 0.00	33.61 -0.83 0.00	36.38 -0.78 0.00	38.86 -0.67 0.00	38.17 -0.66 0.00	35.99 -0.92 0.00	34.64 -0.92 0.00	32.89 -0.84 0.00	29.16 -0.75 0.00	29.31 -0.78 0.00
E_CANADA_CAP_HY 24051	32.93 1.60 0.00	30.14 1.49 0.00	28.94 1.43 0.00	28.16 1.34 0.00	28.41 1.35 0.00	31.43 1.67 0.00	38.33 2.27 0.00	40.76 2.63 0.00	41.07 2.72 0.00	39.66 2.17 0.00	39.22 2.08 0.00	38.32 2.00 0.00	36.56 1.81 0.00	36.69 1.78 0.00	35.64 1.76 0.00	36.26 1.82 0.00	39.21 2.04 0.00	42.03 2.49 0.00	41.24 2.41 0.00	38.87 1.96 0.00	37.38 1.81 0.00	35.66 1.92 0.00	31.55 1.64 0.00	31.60 1.50 0.00
E_CANADA_MHWK_HY 24050	32.05 0.72 0.00	29.28 0.63 0.00	28.12 0.60 0.00	27.41 0.59 0.00	27.65 0.59 0.00	30.39 0.63 0.00	36.82 0.76 0.00	39.01 0.88 0.00	39.19 0.84 0.00	38.20 0.71 0.00	37.81 0.67 0.00	36.98 0.65 0.00	35.35 0.59 0.00	35.50 0.59 0.00	34.49 0.61 0.00	35.05 0.62 0.00	37.91 0.74 0.00	40.56 1.03 0.00	39.76 0.93 0.00	37.69 0.78 0.00	36.31 0.75 0.00	34.48 0.74 0.00	30.56 0.66 0.00	30.73 0.63 0.00
E_FISHKILL__LBMP 23776	32.71 1.38 0.00	29.94 1.29 0.00	28.78 1.27 0.00	28.08 1.26 0.00	28.24 1.19 0.00	31.10 1.34 0.00	37.72 1.66 0.00	40.46 2.33 0.00	40.91 2.57 0.00	39.51 2.02 0.00	39.19 2.04 0.00	38.25 1.93 0.00	36.63 1.88 0.00	36.76 1.85 0.00	35.58 1.69 0.00	36.12 1.69 0.00	39.10 1.93 0.00	41.87 2.33 0.00	40.93 2.10 0.00	38.61 1.70 0.00	37.20 1.64 0.00	35.29 1.55 0.00	31.10 1.20 0.00	31.27 1.17 0.00
FALCON__SEABRD_CC1 323796	31.99 0.66 0.00	29.31 0.66 0.00	28.09 0.58 0.00	27.39 0.56 0.00	27.62 0.57 0.00	30.36 0.60 0.00	36.06 0.00 0.00	37.71 -0.42 0.00	38.04 -0.31 0.00	37.53 0.04 0.00	37.37 0.22 0.00	36.47 0.15 0.00	34.97 0.21 0.00	35.16 0.25 0.00	34.22 0.34 0.00	34.98 0.55 0.00	37.72 0.56 0.00	39.69 0.16 0.00	39.14 0.31 0.00	37.76 0.85 0.00	36.42 0.85 0.00	34.44 0.71 0.00	30.71 0.81 0.00	31.51 1.41 0.00
FALCON__SEABRD_CC2 323797	31.99 0.66 0.00	29.31 0.66 0.00	28.09 0.58 0.00	27.39 0.56 0.00	27.62 0.57 0.00	30.36 0.60 0.00	36.06 0.00 0.00	37.71 -0.42 0.00	38.04 -0.31 0.00	37.53 0.04 0.00	37.37 0.22 0.00	36.47 0.15 0.00	34.97 0.21 0.00	35.16 0.25 0.00	34.22 0.34 0.00	34.98 0.55 0.00	37.72 0.56 0.00	39.69 0.16 0.00	39.14 0.31 0.00	37.76 0.85 0.00	36.42 0.85 0.00	34.44 0.71 0.00	30.71 0.81 0.00	31.51 1.41 0.00

FAR ROCKAWAY___4 23548	36.56 2.41 -2.82	33.14 2.21 -2.28	31.20 2.15 -1.54	29.92 2.12 -0.98	29.82 2.06 -0.71	33.74 2.32 -1.66	42.68 2.99 -3.63	48.76 3.81 -6.81	48.65 4.06 -6.24	41.93 3.45 -0.99	42.76 3.45 -2.16	39.67 3.34 0.00	39.46 3.23 -1.47	39.53 3.25 -1.37	40.15 3.05 -3.22	39.44 3.03 -1.98	42.00 3.46 -1.38	53.20 4.03 -9.63	50.76 3.77 -8.16	44.60 3.25 -4.44	41.10 2.95 -2.59	38.39 2.83 -1.83	37.40 2.30 -5.19	32.29 2.20 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.90 1.57 0.00	30.12 1.46 0.00	28.97 1.46 0.00	28.27 1.45 0.00	28.43 1.38 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.14 3.01 0.00	41.60 3.26 0.00	40.11 2.62 0.00	39.86 2.71 0.00	38.94 2.62 0.00	37.29 2.54 0.00	37.46 2.55 0.00	36.25 2.37 0.00	36.74 2.31 0.00	39.85 2.68 -0.02	42.71 3.16 -0.02	41.68 2.83 -0.02	39.35 2.44 0.00	37.73 2.17 0.00	35.83 2.09 0.00	31.49 1.58 0.00	31.60 1.50 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.90 1.57 0.00	30.12 1.46 0.00	28.97 1.46 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.11 2.97 0.00	41.60 3.26 0.00	40.11 2.62 0.00	39.82 2.67 0.00	38.94 2.62 0.00	37.29 2.54 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.74 2.31 0.00	39.85 2.68 -0.02	42.67 3.12 -0.02	41.68 2.83 -0.02	39.35 2.44 0.00	37.73 2.17 0.00	35.79 2.06 0.00	31.49 1.58 0.00	31.60 1.50 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.41 1.35 0.00	31.31 1.55 0.00	38.11 2.06 0.00	41.07 2.94 0.00	41.57 3.22 0.00	40.08 2.59 0.00	39.78 2.64 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.39 2.48 0.00	36.22 2.34 0.00	36.71 2.27 0.00	39.82 2.64 -0.02	42.64 3.08 -0.02	41.61 2.76 -0.02	39.31 2.40 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.46 1.55 0.00	31.57 1.47 0.00
FARRAGUT___LBMP 323566	32.84 1.50 0.00	30.06 1.40 0.00	28.92 1.40 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.07 2.94 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.78 2.64 0.00	38.87 2.54 0.00	37.22 2.47 0.00	37.39 2.48 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.57 2.72 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.72 1.99 0.00	31.43 1.53 0.00	31.54 1.44 0.00
FENNER___WINDPWR 24204	31.83 0.50 0.00	29.05 0.40 0.00	27.90 0.39 0.00	27.17 0.35 0.00	27.46 0.41 0.00	30.27 0.51 0.00	36.85 0.79 0.00	39.01 0.88 0.00	39.15 0.81 0.00	38.16 0.68 0.00	37.81 0.67 0.00	37.02 0.69 0.00	35.38 0.63 0.00	35.54 0.63 0.00	34.52 0.64 0.00	35.12 0.69 0.00	38.05 0.89 0.00	40.72 1.18 0.00	39.96 1.13 0.00	37.65 0.74 0.00	36.31 0.75 0.00	34.34 0.61 0.00	30.41 0.51 0.00	30.61 0.51 0.00
FIBERTEK___ENERGY 23856	30.99 -0.34 0.00	28.25 -0.40 0.00	27.13 -0.39 0.00	26.42 -0.40 0.00	26.70 -0.35 0.00	29.41 -0.36 0.00	35.77 -0.29 0.00	37.67 -0.46 0.00	38.04 -0.31 0.00	37.08 -0.41 0.00	36.74 -0.41 0.00	35.96 -0.36 0.00	34.41 -0.35 0.00	34.53 -0.38 0.00	33.58 -0.30 0.00	34.09 -0.34 0.00	36.94 -0.22 0.00	39.42 -0.12 0.00	38.72 -0.12 0.00	36.51 -0.41 0.00	35.14 -0.43 0.00	33.33 -0.40 0.00	29.54 -0.36 0.00	29.70 -0.39 0.00
FITZPATRICK___ 23598	30.14 -1.19 0.00	27.54 -1.12 0.00	26.44 -1.07 0.00	25.75 -1.07 0.00	26.00 -1.06 0.00	28.60 -1.16 0.00	34.73 -1.33 0.00	36.72 -1.41 0.00	36.89 -1.46 0.00	36.03 -1.46 0.00	35.66 -1.49 0.00	34.91 -1.42 0.00	33.40 -1.36 0.00	33.58 -1.33 0.00	32.59 -1.29 0.00	33.13 -1.31 0.00	35.83 -1.34 0.00	38.27 -1.27 0.00	37.55 -1.28 0.00	35.51 -1.40 0.00	34.21 -1.35 0.00	32.42 -1.32 0.00	28.77 -1.14 0.00	28.92 -1.17 0.00
FLOWRFLD_69_KV_BK1 356044	36.69 2.54 -2.82	33.28 2.35 -2.28	31.34 2.28 -1.54	30.11 2.31 -0.98	29.98 2.22 -0.71	33.89 2.47 -1.66	42.86 3.17 -3.63	48.99 4.04 -6.81	48.85 4.26 -6.24	42.00 3.52 -0.99	42.99 3.68 -2.16	39.71 3.38 0.00	39.53 3.30 -1.47	39.60 3.32 -1.37	40.32 3.22 -3.22	39.58 3.17 -1.98	42.11 3.57 -1.38	53.44 4.27 -9.63	50.99 4.00 -8.16	44.75 3.40 -4.44	41.32 3.17 -2.59	38.53 2.97 -1.83	37.52 2.42 -5.19	32.35 2.26 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.05 1.72 0.00	30.23 1.58 0.00	29.05 1.54 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.40 1.64 0.00	38.19 2.13 0.00	40.88 2.75 0.00	41.34 2.99 0.00	39.85 2.36 0.00	39.52 2.38 0.00	38.58 2.25 0.00	36.88 2.12 0.00	37.04 2.13 0.00	35.88 2.00 0.00	36.43 2.00 0.00	39.50 2.34 0.00	42.38 2.85 0.00	41.36 2.52 0.00	38.98 2.07 0.00	37.52 1.96 0.00	35.66 1.92 0.00	31.40 1.50 0.00	31.51 1.41 0.00
FORT ORANGE___ 23900	32.14 0.81 0.00	29.37 0.72 0.00	28.20 0.69 0.00	27.47 0.64 0.00	27.68 0.62 0.00	30.51 0.74 0.00	36.60 0.54 0.00	39.27 1.14 0.00	39.61 1.26 0.00	38.28 0.79 0.00	37.89 0.74 0.00	37.02 0.69 0.00	35.38 0.63 0.00	35.47 0.56 0.00	34.42 0.54 0.00	34.98 0.55 0.00	37.79 0.63 0.00	40.37 0.83 0.00	39.49 0.66 0.00	37.36 0.44 0.00	36.03 0.46 0.00	34.14 0.41 0.00	30.47 0.57 0.00	30.61 0.51 0.00
FORT_DRUM_COGEN 23780	30.55 -0.78 0.00	27.85 -0.80 0.00	26.72 -0.80 0.00	25.99 -0.83 0.00	26.30 -0.76 0.00	29.05 -0.71 0.00	35.52 -0.54 0.00	37.60 -0.53 0.00	37.77 -0.58 0.00	36.93 -0.56 0.00	36.66 -0.48 0.00	35.89 -0.44 0.00	34.23 -0.52 0.00	34.39 -0.52 0.00	33.51 -0.37 0.00	34.09 -0.34 0.00	36.98 -0.19 0.00	39.81 0.28 0.00	39.03 0.19 0.00	36.88 -0.04 0.00	35.53 -0.04 0.00	33.50 -0.24 0.00	29.63 -0.27 0.00	29.79 -0.30 0.00
FOX_HILLS___ESR 323835	32.99 1.66 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.30 1.48 0.00	28.43 1.38 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.12 2.94 -0.06	41.58 3.18 -0.06	40.00 2.51 0.00	39.80 2.60 -0.06	50.81 2.69 -11.79	47.11 2.57 -9.78	60.66 2.58 -23.16	36.47 2.37 -0.21	36.76 2.27 -0.06	45.02 2.75 -5.11	42.69 3.08 -0.07	58.87 2.91 -17.12	39.33 2.36 -0.06	37.95 2.17 -0.21	35.92 2.13 -0.06	31.49 1.58 0.00	31.72 1.63 0.00
FPL_FAR_ROCK_GT1 24212	36.56 2.41 -2.82	33.14 2.21 -2.28	31.20 2.15 -1.54	29.89 2.09 -0.98	29.82 2.06 -0.71	33.74 2.32 -1.66	42.68 2.99 -3.63	49.03 4.08 -6.81	48.73 4.14 -6.24	41.92 3.45 -0.99	42.76 3.46 -2.16	39.67 3.34 0.00	39.46 3.23 -1.47	39.46 3.18 -1.37	40.15 3.05 -3.22	39.45 3.03 -1.98	42.03 3.49 -1.38	53.20 4.03 -9.63	50.72 3.73 -8.16	44.61 3.25 -4.44	41.07 2.92 -2.59	38.36 2.80 -1.83	37.40 2.30 -5.19	32.29 2.20 0.00
FPL_FAR_ROCK_GT2 23815	36.56 2.41 -2.82	33.14 2.21 -2.28	31.20 2.15 -1.54	29.89 2.09 -0.98	29.82 2.06 -0.71	33.74 2.32 -1.66	42.68 2.99 -3.63	49.03 4.08 -6.81	48.73 4.14 -6.24	41.92 3.45 -0.99	42.76 3.46 -2.16	39.67 3.34 0.00	39.46 3.23 -1.47	39.46 3.18 -1.37	40.15 3.05 -3.22	39.45 3.03 -1.98	42.03 3.49 -1.38	53.20 4.03 -9.63	50.72 3.73 -8.16	44.61 3.25 -4.44	41.07 2.92 -2.59	38.36 2.80 -1.83	37.40 2.30 -5.19	32.29 2.20 0.00



FRANKLIN_FALL_HYD 24054	31.71 0.38 0.00	29.11 0.46 0.00	27.90 0.39 0.00	27.20 0.38 0.00	27.43 0.38 0.00	30.18 0.42 0.00	36.24 0.18 0.00	38.21 0.08 0.00	38.19 -0.15 0.00	37.75 0.26 0.00	37.55 0.41 0.00	36.65 0.33 0.00	35.10 0.35 0.00	35.30 0.38 0.00	34.36 0.47 0.00	35.05 0.62 0.00	37.65 0.48 0.00	39.58 0.04 0.00	39.03 0.19 0.00	37.65 0.74 0.00	36.31 0.75 0.00	34.31 0.57 0.00	30.62 0.72 0.00	31.12 1.02 0.00
FREEPORT_EQUS_GT1 23764	36.41 2.26 -2.82	33.00 2.06 -2.28	31.06 2.01 -1.54	29.78 1.98 -0.98	29.71 1.95 -0.71	33.62 2.20 -1.66	42.50 2.81 -3.63	48.87 3.93 -6.81	48.54 3.95 -6.24	41.70 3.22 -0.99	42.58 3.27 -2.16	39.45 3.12 0.00	39.28 3.06 -1.47	39.28 3.00 -1.37	39.98 2.88 -3.22	39.27 2.86 -1.98	41.85 3.31 -1.38	53.00 3.83 -9.63	50.53 3.53 -8.16	44.42 3.06 -4.44	40.89 2.74 -2.59	38.22 2.66 -1.83	37.25 2.15 -5.19	32.14 2.05 0.00
FREEPORT___CT2 23818	36.41 2.26 -2.82	33.00 2.06 -2.28	31.06 2.01 -1.54	29.78 1.98 -0.98	29.71 1.95 -0.71	33.62 2.20 -1.66	42.50 2.81 -3.63	48.87 3.93 -6.81	48.54 3.95 -6.24	41.70 3.22 -0.99	42.58 3.27 -2.16	39.45 3.12 0.00	39.28 3.06 -1.47	39.28 3.00 -1.37	39.98 2.88 -3.22	39.27 2.86 -1.98	41.85 3.31 -1.38	53.00 3.83 -9.63	50.53 3.53 -8.16	44.42 3.06 -4.44	40.89 2.74 -2.59	38.22 2.66 -1.83	37.25 2.15 -5.19	32.14 2.05 0.00
FRESHKLS_33_KV_LOAD 356253	32.99 1.66 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.30 1.48 0.00	28.43 1.38 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.05 2.86 -0.06	41.47 3.07 -0.06	39.85 2.36 0.00	39.69 2.49 -0.06	50.70 2.58 -11.79	47.04 2.50 -9.78	60.55 2.48 -23.16	36.36 2.27 -0.21	36.63 2.13 -0.06	44.95 2.68 -5.11	42.61 3.00 -0.07	58.83 2.87 -17.12	39.26 2.29 -0.06	37.88 2.10 -0.21	35.85 2.06 -0.06	31.46 1.55 0.00	31.69 1.59 0.00
FULTON COGEN____ 23766	30.52 -0.81 0.00	27.82 -0.83 0.00	26.74 -0.77 0.00	26.02 -0.80 0.00	26.30 -0.76 0.00	28.96 -0.80 0.00	35.19 -0.87 0.00	37.10 -1.03 0.00	37.43 -0.92 0.00	36.48 -1.01 0.00	36.14 -1.00 0.00	35.38 -0.94 0.00	33.82 -0.94 0.00	33.97 -0.94 0.00	33.03 -0.85 0.00	33.54 -0.90 0.00	36.31 -0.85 0.00	38.78 -0.75 0.00	38.10 -0.74 0.00	35.92 -1.00 0.00	34.57 -1.00 0.00	32.82 -0.91 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00
FULTON___LFGE 323630	34.40 3.07 0.00	31.49 2.84 0.00	30.18 2.67 0.00	29.34 2.52 0.00	29.57 2.52 0.00	32.86 3.10 0.00	40.06 4.00 0.00	42.71 4.57 0.00	43.10 4.75 0.00	41.46 3.97 0.00	40.97 3.83 0.00	40.00 3.67 0.00	38.02 3.27 0.00	38.19 3.28 0.00	37.20 3.32 0.00	37.95 3.51 0.00	41.32 4.16 0.00	44.32 4.78 0.00	43.53 4.70 0.00	40.97 4.06 0.00	39.44 3.88 0.00	37.28 3.54 0.00	32.98 3.08 0.00	32.89 2.80 0.00
G.F.CEMENT___DRP 24184	32.93 1.60 0.00	30.12 1.46 0.00	28.92 1.40 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.37 1.61 0.00	38.04 1.98 0.00	40.72 2.59 0.00	41.26 2.91 0.00	39.89 2.40 0.00	39.48 2.34 0.00	38.62 2.29 0.00	36.77 2.02 0.00	36.87 1.96 0.00	35.74 1.86 0.00	36.33 1.89 0.00	39.50 2.34 0.00	42.30 2.77 0.00	41.51 2.68 0.00	39.39 2.47 0.00	37.98 2.42 0.00	35.83 2.09 0.00	31.70 1.79 0.00	31.81 1.72 0.00
GARDENVILLE___LBMP 24039	29.83 -1.50 0.00	26.88 -1.78 0.00	25.75 -1.76 0.00	25.08 -1.74 0.00	25.51 -1.54 0.00	28.04 -1.73 0.00	34.26 -1.80 0.00	35.08 -3.05 0.00	35.62 -2.72 0.00	34.64 -2.85 0.00	33.88 -3.27 0.00	33.35 -2.98 0.00	31.94 -2.82 0.00	32.19 -2.72 0.00	31.68 -2.20 0.00	32.09 -2.34 0.00	35.19 -1.97 0.00	37.56 -1.98 0.00	37.12 -1.71 0.00	34.37 -2.55 0.00	32.90 -2.67 0.00	31.58 -2.16 0.00	28.59 -1.32 0.00	28.95 -1.14 0.00
GARDNVLA_35_KV_LD 355827	29.98 -1.35 0.00	27.02 -1.63 0.00	25.86 -1.65 0.00	25.21 -1.61 0.00	25.65 -1.41 0.00	28.19 -1.58 0.00	34.44 -1.62 0.00	35.27 -2.86 0.00	35.81 -2.53 0.00	34.83 -2.66 0.00	34.10 -3.05 0.00	33.57 -2.76 0.00	32.11 -2.64 0.00	32.36 -2.55 0.00	31.88 -2.00 0.00	32.30 -2.13 0.00	35.42 -1.75 0.00	37.80 -1.74 0.00	37.40 -1.44 0.00	34.59 -2.33 0.00	33.07 -2.49 0.00	31.78 -1.96 0.00	28.77 -1.14 0.00	29.13 -0.96 0.00
GELCKHM___115KV_LOAD 80723	30.74 -0.60 0.00	28.05 -0.60 0.00	26.94 -0.58 0.00	26.23 -0.59 0.00	26.51 -0.54 0.00	29.17 -0.60 0.00	35.45 -0.61 0.00	37.37 -0.76 0.00	37.73 -0.61 0.00	36.74 -0.75 0.00	36.40 -0.74 0.00	35.64 -0.69 0.00	34.10 -0.66 0.00	34.25 -0.66 0.00	33.31 -0.58 0.00	33.81 -0.62 0.00	36.61 -0.56 0.00	39.06 -0.47 0.00	38.37 -0.47 0.00	36.21 -0.70 0.00	34.82 -0.75 0.00	33.06 -0.67 0.00	29.30 -0.60 0.00	29.46 -0.63 0.00
GENERAL___MILLS 23808	29.95 -1.38 0.00	26.99 -1.66 0.00	25.84 -1.68 0.00	25.16 -1.66 0.00	25.62 -1.43 0.00	28.13 -1.64 0.00	34.36 -1.69 0.00	35.20 -2.94 0.00	35.74 -2.61 0.00	34.75 -2.74 0.00	34.02 -3.12 0.00	33.49 -2.83 0.00	32.05 -2.71 0.00	32.29 -2.62 0.00	31.81 -2.07 0.00	32.23 -2.20 0.00	35.34 -1.82 0.00	37.68 -1.86 0.00	37.28 -1.55 0.00	34.51 -2.40 0.00	33.00 -2.56 0.00	31.71 -2.02 0.00	28.71 -1.20 0.00	29.07 -1.02 0.00
GE_PLASTICS___DRP 24183	32.05 0.72 0.00	29.31 0.66 0.00	28.15 0.63 0.00	27.44 0.62 0.00	27.65 0.60 0.00	30.42 0.65 0.00	36.74 0.69 0.00	39.24 1.11 0.00	39.65 1.30 0.00	38.43 0.94 0.00	38.04 0.89 0.00	37.16 0.84 0.00	35.56 0.80 0.00	35.71 0.80 0.00	34.56 0.68 0.00	35.16 0.72 0.00	37.94 0.78 0.00	40.56 1.03 0.00	39.69 0.85 0.00	37.54 0.63 0.00	36.20 0.64 0.00	34.31 0.57 0.00	30.41 0.51 0.00	30.58 0.48 0.00
GILBOA___1 23756	32.11 0.78 0.00	29.49 0.83 0.00	28.31 0.80 0.00	27.60 0.78 0.00	27.84 0.79 0.00	30.51 0.74 0.00	36.96 0.90 0.00	39.58 1.45 0.00	39.80 1.46 0.00	38.58 1.09 0.00	38.22 1.08 0.00	37.34 1.02 0.00	35.73 0.97 0.00	35.85 0.94 0.00	34.76 0.88 0.00	35.33 0.89 0.00	38.20 1.04 0.00	40.84 1.30 0.00	39.96 1.13 0.00	37.76 0.85 0.00	36.35 0.78 0.00	34.54 0.81 0.00	30.53 0.63 0.00	30.70 0.60 0.00
GILBOA___2 23757	32.11 0.78 0.00	29.49 0.83 0.00	28.31 0.80 0.00	27.60 0.78 0.00	27.84 0.79 0.00	30.51 0.74 0.00	36.96 0.90 0.00	39.58 1.45 0.00	39.80 1.46 0.00	38.58 1.09 0.00	38.22 1.08 0.00	37.34 1.02 0.00	35.73 0.97 0.00	35.85 0.94 0.00	34.76 0.88 0.00	35.33 0.89 0.00	38.20 1.04 0.00	40.84 1.30 0.00	39.96 1.13 0.00	37.76 0.85 0.00	36.35 0.78 0.00	34.54 0.81 0.00	30.53 0.63 0.00	30.70 0.60 0.00
GILBOA___3 23758	32.11 0.78 0.00	29.49 0.83 0.00	28.31 0.80 0.00	27.60 0.78 0.00	27.84 0.79 0.00	30.51 0.74 0.00	36.96 0.90 0.00	39.58 1.45 0.00	39.80 1.46 0.00	38.58 1.09 0.00	38.22 1.08 0.00	37.34 1.02 0.00	35.73 0.97 0.00	35.85 0.94 0.00	34.76 0.88 0.00	35.33 0.89 0.00	38.20 1.04 0.00	40.84 1.30 0.00	39.96 1.13 0.00	37.76 0.85 0.00	36.35 0.78 0.00	34.54 0.81 0.00	30.53 0.63 0.00	30.70 0.60 0.00

GILBOA___4 23759	32.11 0.78 0.00	29.49 0.83 0.00	28.31 0.80 0.00	27.60 0.78 0.00	27.84 0.79 0.00	30.51 0.74 0.00	36.96 0.90 0.00	39.58 1.45 0.00	39.80 1.46 0.00	38.58 1.09 0.00	38.22 1.08 0.00	37.34 1.02 0.00	35.73 0.97 0.00	35.85 0.94 0.00	34.76 0.88 0.00	35.33 0.89 0.00	38.20 1.04 0.00	40.84 1.30 0.00	39.96 1.13 0.00	37.76 0.85 0.00	36.35 0.78 0.00	34.54 0.81 0.00	30.53 0.63 0.00	30.70 0.60 0.00
GILBOA____ 23599	32.11 0.78 0.00	29.48 0.83 0.00	28.31 0.80 0.00	27.63 0.80 0.00	27.84 0.78 0.00	30.51 0.74 0.00	36.96 0.90 0.00	39.43 1.30 0.00	39.80 1.46 0.00	38.58 1.09 0.00	38.22 1.08 0.00	37.35 1.02 0.00	35.73 0.97 0.00	35.89 0.98 0.00	34.76 0.88 0.00	35.33 0.90 0.00	38.20 1.04 0.00	40.84 1.30 0.00	39.96 1.13 0.00	37.76 0.85 0.00	36.42 0.85 0.00	34.54 0.81 0.00	30.53 0.63 0.00	30.70 0.60 0.00
GINNA____ 23603	28.92 -2.41 0.00	26.28 -2.38 0.00	25.18 -2.34 0.00	24.57 -2.25 0.00	24.86 -2.19 0.00	27.38 -2.38 0.00	33.43 -2.63 0.00	34.97 -3.16 0.00	35.09 -3.26 0.00	34.49 -3.00 0.00	33.95 -3.19 0.00	33.28 -3.05 0.00	31.84 -2.92 0.00	32.15 -2.76 0.00	31.20 -2.68 0.00	31.71 -2.72 0.00	34.56 -2.60 0.00	36.85 -2.69 0.00	36.23 -2.60 0.00	33.96 -2.95 0.00	32.72 -2.85 0.00	31.03 -2.70 0.00	27.66 -2.24 0.00	27.81 -2.29 0.00
GLEN PARK____ 23778	30.61 -0.72 0.00	27.88 -0.77 0.00	26.74 -0.77 0.00	26.04 -0.78 0.00	26.35 -0.70 0.00	29.11 -0.65 0.00	35.63 -0.43 0.00	37.71 -0.42 0.00	37.85 -0.50 0.00	37.00 -0.49 0.00	36.74 -0.41 0.00	35.96 -0.36 0.00	34.30 -0.45 0.00	34.46 -0.45 0.00	33.58 -0.31 0.00	34.16 -0.28 0.00	37.13 -0.04 0.00	39.97 0.44 0.00	39.22 0.39 0.00	36.99 0.07 0.00	35.71 0.14 0.00	33.60 -0.13 0.00	29.72 -0.18 0.00	29.85 -0.24 0.00
GLENDALE_27_KV_LOAD 356172	32.99 1.66 0.00	30.20 1.55 0.00	29.05 1.54 0.00	28.32 1.50 0.00	28.49 1.43 0.00	31.37 1.61 0.00	38.19 2.13 0.00	41.26 3.13 0.00	41.76 3.41 0.00	40.23 2.74 0.00	39.97 2.82 0.00	39.13 2.80 0.00	37.47 2.71 0.00	37.63 2.72 0.00	36.42 2.54 0.00	36.88 2.44 0.00	40.08 2.90 -0.02	42.87 3.32 -0.02	41.92 3.07 -0.02	39.50 2.58 0.00	37.88 2.31 0.00	35.96 2.23 0.00	31.58 1.67 0.00	31.75 1.66 0.00
GLENWOOD_IC_1_G5 23712	36.34 2.19 -2.82	32.94 2.01 -2.28	31.01 1.95 -1.54	29.76 1.96 -0.98	29.66 1.89 -0.71	33.56 2.14 -1.66	42.43 2.74 -3.63	48.49 3.55 -6.81	48.42 3.83 -6.24	41.70 3.22 -0.99	42.54 3.23 -2.16	39.42 3.09 0.00	39.25 3.02 -1.47	39.28 3.00 -1.37	39.95 2.85 -3.22	39.24 2.82 -1.98	41.74 3.20 -1.38	52.57 3.40 -9.63	50.10 3.11 -8.16	44.16 2.81 -4.44	40.85 2.70 -2.59	38.16 2.60 -1.83	37.19 2.09 -5.19	32.08 1.99 0.00
GLENWOOD_IC_2_G1 23688	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.32 2.63 -3.63	48.64 3.70 -6.81	48.35 3.76 -6.24	41.55 3.07 -0.99	42.43 3.12 -2.16	39.31 2.98 0.00	39.11 2.88 -1.47	39.11 2.83 -1.37	39.81 2.71 -3.22	39.10 2.69 -1.98	41.62 3.08 -1.38	52.69 3.52 -9.63	50.22 3.22 -8.16	44.13 2.77 -4.44	40.68 2.53 -2.59	38.02 2.46 -1.83	37.10 2.00 -5.19	31.99 1.90 0.00
GLENWOOD_IC_3_G1 23689	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.32 2.63 -3.63	48.64 3.70 -6.81	48.35 3.76 -6.24	41.55 3.07 -0.99	42.43 3.12 -2.16	39.31 2.98 0.00	39.11 2.88 -1.47	39.11 2.83 -1.37	39.81 2.71 -3.22	39.10 2.69 -1.98	41.62 3.08 -1.38	52.69 3.52 -9.63	50.22 3.22 -8.16	44.13 2.77 -4.44	40.68 2.53 -2.59	38.02 2.46 -1.83	37.10 2.00 -5.19	31.99 1.90 0.00
GLENWOOD___4 23550	36.34 2.19 -2.82	32.94 2.01 -2.28	31.01 1.95 -1.54	29.76 1.96 -0.98	29.66 1.89 -0.71	33.56 2.14 -1.66	42.43 2.74 -3.63	48.49 3.55 -6.81	48.42 3.83 -6.24	41.70 3.22 -0.99	42.54 3.23 -2.16	39.42 3.09 0.00	39.25 3.02 -1.47	39.28 3.00 -1.37	39.95 2.85 -3.22	39.24 2.82 -1.98	41.74 3.20 -1.38	52.69 3.52 -9.63	50.22 3.22 -8.16	44.24 2.88 -4.44	40.85 2.70 -2.59	38.16 2.60 -1.83	37.19 2.09 -5.19	32.08 1.99 0.00
GLENWOOD___5 23614	36.34 2.19 -2.82	32.94 2.01 -2.28	31.01 1.95 -1.54	29.76 1.96 -0.98	29.66 1.89 -0.71	33.56 2.14 -1.66	42.43 2.74 -3.63	48.49 3.55 -6.81	48.42 3.83 -6.24	41.70 3.22 -0.99	42.54 3.23 -2.16	39.42 3.09 0.00	39.25 3.02 -1.47	39.28 3.00 -1.37	39.95 2.85 -3.22	39.24 2.82 -1.98	41.74 3.20 -1.38	52.69 3.52 -9.63	50.22 3.22 -8.16	44.24 2.88 -4.44	40.85 2.70 -2.59	38.16 2.60 -1.83	37.19 2.09 -5.19	32.08 1.99 0.00
GLOBAL GREEN_PORT_GT1 23814	37.56 3.42 -2.82	34.12 3.18 -2.28	32.19 3.14 -1.54	30.86 3.06 -0.98	30.82 3.06 -0.71	34.78 3.36 -1.66	44.27 4.58 -3.63	50.66 5.72 -6.81	50.34 5.75 -6.24	43.16 4.69 -0.99	44.40 5.09 -2.16	40.76 4.43 0.00	40.57 4.34 -1.47	40.61 4.33 -1.37	41.54 4.44 -3.22	40.61 4.20 -1.98	43.37 4.83 -1.38	54.86 5.69 -9.63	52.43 5.44 -8.16	45.97 4.61 -4.44	42.56 4.41 -2.59	39.54 3.98 -1.83	38.39 3.29 -5.19	33.22 3.13 0.00
GLOBE___DSASP 323697	28.61 -2.73 0.00	25.82 -2.84 0.00	24.74 -2.78 0.00	24.09 -2.74 0.00	24.54 -2.52 0.00	26.94 -2.83 0.00	32.85 -3.21 0.00	33.44 -4.69 0.00	34.05 -4.29 0.00	33.07 -4.42 0.00	32.32 -4.83 0.00	31.82 -4.50 0.00	30.45 -4.31 0.00	30.65 -4.26 0.00	30.19 -3.69 0.00	30.58 -3.86 0.00	33.48 -3.68 0.00	35.62 -3.91 0.00	35.26 -3.57 0.00	32.71 -4.21 0.00	31.26 -4.30 0.00	30.06 -3.68 0.00	27.30 -2.60 0.00	27.66 -2.44 0.00
GOETHSLN___LBMP 323567	32.68 1.35 0.00	29.91 1.26 0.00	28.78 1.27 0.00	28.11 1.29 0.00	28.24 1.19 0.00	31.16 1.40 0.00	37.90 1.84 0.00	40.88 2.75 0.00	41.37 3.03 0.00	39.89 2.40 0.00	39.63 2.49 0.00	38.73 2.40 0.00	37.05 2.29 0.00	37.22 2.30 0.00	36.05 2.17 0.00	36.53 2.10 0.00	39.63 2.45 -0.02	42.44 2.89 -0.02	41.41 2.56 -0.02	39.13 2.21 0.00	37.48 1.92 0.00	35.62 1.89 0.00	31.31 1.41 0.00	31.42 1.32 0.00
GOLAH___69_KV_TB 1_2 80279	30.45 -0.88 0.00	27.62 -1.03 0.00	26.44 -1.07 0.00	25.70 -1.13 0.00	26.11 -0.95 0.00	28.75 -1.01 0.00	34.98 -1.08 0.00	36.15 -1.98 0.00	36.73 -1.61 0.00	35.80 -1.69 0.00	35.10 -2.04 0.00	34.37 -1.96 0.00	32.88 -1.88 0.00	33.03 -1.89 0.00	32.36 -1.52 0.00	32.82 -1.62 0.00	35.79 -1.38 0.00	38.11 -1.42 0.00	37.67 -1.16 0.00	35.18 -1.73 0.00	33.68 -1.88 0.00	32.15 -1.59 0.00	28.80 -1.11 0.00	29.13 -0.96 0.00
GOODYEAR_LAKE_HYD 323669	32.55 1.22 0.00	29.77 1.12 0.00	28.59 1.07 0.00	27.87 1.05 0.00	28.14 1.08 0.00	30.98 1.22 0.00	37.75 1.69 0.00	40.08 1.94 0.00	40.45 2.11 0.00	39.29 1.80 0.00	38.93 1.78 0.00	38.11 1.78 0.00	36.42 1.67 0.00	36.55 1.64 0.00	35.47 1.59 0.00	35.98 1.55 0.00	38.98 1.82 0.00	41.83 2.29 0.00	40.97 2.14 0.00	38.57 1.66 0.00	37.13 1.56 0.00	35.22 1.48 0.00	31.13 1.23 0.00	31.30 1.20 0.00

GOUDEY___1 345031	31.49 0.16 0.00	28.68 0.03 0.00	27.54 0.03 0.00	26.85 0.03 0.00	27.16 0.11 0.00	29.85 0.09 0.00	36.38 0.32 0.00	38.25 0.11 0.00	38.65 0.31 0.00	37.56 0.07 0.00	37.14 0.00 0.00	36.40 0.07 0.00	34.79 0.03 0.00	34.98 0.07 0.00	34.05 0.17 0.00	34.54 0.10 0.00	37.50 0.33 0.00	40.09 0.55 0.00	39.38 0.54 0.00	36.99 0.07 0.00	35.56 0.00 0.00	33.80 0.07 0.00	30.05 0.15 0.00	30.27 0.18 0.00
GOUDEY___7 23579	31.52 0.19 0.00	28.71 0.06 0.00	27.54 0.03 0.00	26.88 0.05 0.00	27.16 0.11 0.00	29.88 0.12 0.00	36.42 0.36 0.00	38.28 0.15 0.00	38.69 0.35 0.00	37.60 0.11 0.00	37.18 0.04 0.00	36.44 0.11 0.00	34.83 0.07 0.00	35.02 0.10 0.00	34.08 0.20 0.00	34.61 0.17 0.00	37.53 0.37 0.00	40.17 0.63 0.00	39.42 0.58 0.00	37.02 0.11 0.00	35.60 0.04 0.00	33.84 0.10 0.00	30.08 0.18 0.00	30.30 0.21 0.00
GOUDEY___8 23580	31.49 0.16 0.00	28.68 0.03 0.00	27.54 0.03 0.00	26.85 0.03 0.00	27.16 0.11 0.00	29.85 0.09 0.00	36.38 0.32 0.00	38.25 0.11 0.00	38.65 0.31 0.00	37.56 0.07 0.00	37.14 0.00 0.00	36.40 0.07 0.00	34.79 0.03 0.00	34.98 0.07 0.00	34.05 0.17 0.00	34.54 0.10 0.00	37.50 0.33 0.00	40.09 0.55 0.00	39.38 0.54 0.00	36.99 0.07 0.00	35.56 0.00 0.00	33.80 0.07 0.00	30.05 0.15 0.00	30.27 0.18 0.00
GOWANUS_GT1_1 24077	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
GOWANUS_GT1_2 24078	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
GOWANUS_GT1_3 24079	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
GOWANUS_GT1_4 24080	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
GOWANUS_GT1_5 24084	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00																	

GOWANUS_GT2_5 24118	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
GOWANUS_GT2_6 24119	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
GOWANUS_GT2_7 24120	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
GOWANUS_GT2_8 24121	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
GOWANUS_GT3_1 24122	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
GOWANUS_GT3_2 24123	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
GOWANUS_GT3_3 24124	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
GOWANUS_GT3_4 24125	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 																			

GOWANUS_GT4_4 24133	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
GOWANUS_GT4_5 24134	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
GOWANUS_GT4_6 24135	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
GOWANUS_GT4_7 24136	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
GOWANUS_GT4_8 24137	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
GREENBSH_115KV_TB3 55895	31.96 0.63 0.00	29.20 0.54 0.00	28.04 0.52 0.00	27.33 0.51 0.00	27.54 0.49 0.00	30.30 0.54 0.00	36.56 0.50 0.00	39.08 0.95 0.00	39.53 1.19 0.00	38.28 0.79 0.00	37.89 0.74 0.00	37.02 0.69 0.00	35.42 0.66 0.00	35.54 0.63 0.00	34.42 0.54 0.00	35.02 0.59 0.00	37.76 0.59 0.00	40.41 0.87 0.00	39.49 0.66 0.00	37.36 0.44 0.00	36.06 0.50 0.00	34.17 0.44 0.00	30.29 0.39 0.00	30.46 0.36 0.00
GREENDGE_115KV_TB5 80291	31.36 0.03 0.00	28.45 -0.20 0.00	27.29 -0.22 0.00	26.58 -0.24 0.00	26.95 -0.11 0.00	29.73 -0.03 0.00	36.13 0.07 0.00	37.79 -0.34 0.00	38.23 -0.12 0.00	37.15 -0.34 0.00	36.81 -0.33 0.00	36.22 -0.11 0.00	34.62 -0.14 0.00	34.77 -0.14 0.00	33.98 0.10 0.00	34.50 0.07 0.00	37.35 0.19 0.00	39.97 0.43 0.00	39.38 0.54 0.00	36.91 0.00 0.00	35.53 -0.04 0.00	33.80 0.07 0.00	30.08 0.18 0.00	30.27 0.18 0.00
GREENIDGE___3 23582	31.36 0.03 0.00	28.45 -0.20 0.00	27.29 -0.22 0.00	26.58 -0.24 0.00	26.95 -0.11 0.00	29.73 -0.03 0.00	36.13 0.07 0.00	37.79 -0.34 0.00	38.23 -0.12 0.00	37.15 -0.34 0.00	36.81 -0.33 0.00	36.22 -0.11 0.00	34.62 -0.14 0.00	34.77 -0.14 0.00	33.98 0.10 0.00	34.50 0.07 0.00	37.35 0.19 0.00	39.97 0.43 0.00	39.38 0.54 0.00	36.91 0.00 0.00	35.53 -0.04 0.00	33.80 0.07 0.00	30.08 0.18 0.00	30.27 0.18 0.00
GREENIDGE___4 23583	31.33 0.00 0.00	28.45 -0.20 0.00	27.29 -0.22 0.00	26.61 -0.22 0.00	26.95 -0.11 0.00	29.73 -0.03 0.00	36.13 0.07 0.00	38.02 -0.11 0.00	38.04 -0.31 0.00	37.15 -0.34 0.00	36.81 -0.33 0.00	36.22 -0.11 0.00	34.62 -0.14 0.00	34.91 0.00 0.00	33.92 0.03 0.00	34.50 0.07 0.00	37.39 0.22 0.00	40.05 0.51 0.00	39.34 0.50 0.00	36.99 0.07 0.00	35.71 0.14 0.00	33.80 0.07 0.00	30.08 0.18 0.00	30.28 0.18 0.00
GREENLWN_69_KV_BK 3 55738	36.15 2.01 -2.82	32.77 1.83 -2.28	30.84 1.79 -1.54	29.60 1.80 -0.98	29.50 1.73 -0.71	33.35 1.93 -1.66	41.88 2.20 -3.63	47.92 2.97 -6.81	47.81 3.22 -6.24	41.18 2.70 -0.99	41.95 2.64 -2.16	38.94 2.62 0.00	38.80 2.57 -1.47	38.86 2.58 -1.37	39.44 2.34 -3.22	38.79 2.38 -1.98	41.14 2.60 -1.38	52.29 3.12 -9.63	49.83 2.83 -8.16	43.76 2.40 -4.44	40.36 2.20 -2.59	37.82 2.26 -1.83	36.95 1.85 -5.19	31.87 1.78 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00
GRISSOM___SOLAR 323813	34.40 3.07 0.00	31.49 2.84 0.00	30.18 2.67 0.00	29.34 2.52 0.00	29.57 2.52 0.00	32.86 3.10 0.00	40.06 4.00 0.00	42.71 4.57 0.00	43.10 4.75 0.00	41.46 3.97 0.00	40.97 3.83 0.00	40.00 3.67 0.00	38.02 3.27 0.00	38.19 3.28 0.00	37.20 3.32 0.00	37.95 3.51 0.00	41.32 4.16 0.00	44.32 4.78 0.00	43.53 4.70 0.00	40.97 4.06 0.00	39.44 3.88 0.00	37.28 3.54 0.00	32.98 3.08 0.00	32.89 2.80 0.00
GROVEVILLE___HYD 323602	33.05 1.72 0.00	30.23 1.58 0.00	29.05 1.54 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.40 1.64 0.00	38.19 2.13 0.00	40.88 2.75 0.00	41.34 2.99 0.00	39.85 2.36 0.00	39.52 2.38 0.00	38.58 2.25 0.00	36.88 2.12 0.00	37.04 2.13 0.00	35.88 2.00 0.00	36.43 2.00 0.00	39.50 2.34 0.00	42.38 2.85 0.00	41.36 2.52 0.00	38.98 2.07 0.00	37.52 1.96 0.00	35.66 1.92 0.00	31.40 1.50 0.00	31.51 1.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.99 -0.34 0.00	28.25 -0.40 0.00	27.13 -0.39 0.00	26.42 -0.40 0.00	26.70 -0.35 0.00	29.41 -0.36 0.00	35.77 -0.29 0.00	37.67 -0.46 0.00	38.04 -0.31 0.00	37.08 -0.41 0.00	36.74 -0.41 0.00	35.96 -0.36 0.00	34.41 -0.35 0.00	34.53 -0.38 0.00	33.58 -0.30 0.00	34.09 -0.34 0.00	36.94 -0.22 0.00	39.42 -0.12 0.00	38.72 -0.12 0.00	36.51 -0.41 0.00	35.14 -0.43 0.00	33.33 -0.40 0.00	29.54 -0.36 0.00	29.70 -0.39 0.00
HAMLTNNY_34_KV_TB 80303	31.02 -0.31 0.00	28.28 -0.37 0.00	27.16 -0.36 0.00	26.45 -0.38 0.00	26.73 -0.32 0.00	29.44 -0.33 0.00	35.81 -0.25 0.00	37.71 -0.42 0.00	38.08 -0.27 0.00	37.08 -0.41 0.00	36.74 -0.41 0.00	35.96 -0.36 0.00	34.41 -0.35 0.00	34.56 -0.35 0.00	33.61 -0.27 0.00	34.12 -0.31 0.00	36.98 -0.19 0.00	39.50 -0.04 0.00	38.83 0.00 0.00	36.54 -0.37 0.00	35.17 -0.39 0.00	33.40 -0.34 0.00	29.60 -0.30 0.00	29.76 -0.33 0.00

HAMPSHIRE___PAPER_HYD 323593	30.42 -0.91 0.00	27.85 -0.80 0.00	26.74 -0.77 0.00	26.04 -0.78 0.00	26.30 -0.76 0.00	28.99 -0.77 0.00	35.30 -0.76 0.00	37.26 -0.88 0.00	37.46 -0.88 0.00	36.85 -0.64 0.00	36.59 -0.56 0.00	35.78 -0.54 0.00	34.20 -0.56 0.00	34.39 -0.52 0.00	33.48 -0.41 0.00	33.99 -0.45 0.00	36.46 -0.71 0.00	38.75 -0.79 0.00	38.09 -0.74 0.00	36.40 -0.52 0.00	35.07 -0.50 0.00	33.13 -0.61 0.00	29.46 -0.45 0.00	29.76 -0.33 0.00
HARDSCRABBLE_WT_PWR 323673	31.93 0.59 0.00	29.17 0.52 0.00	28.01 0.50 0.00	27.31 0.48 0.00	27.54 0.49 0.00	30.27 0.51 0.00	36.67 0.61 0.00	38.82 0.69 0.00	39.00 0.65 0.00	38.01 0.52 0.00	37.66 0.52 0.00	36.84 0.51 0.00	35.21 0.45 0.00	35.33 0.42 0.00	34.36 0.47 0.00	34.92 0.48 0.00	37.76 0.59 0.00	40.37 0.83 0.00	39.61 0.78 0.00	37.50 0.59 0.00	36.17 0.60 0.00	34.34 0.61 0.00	30.41 0.51 0.00	30.61 0.51 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.74 1.41 0.00	29.94 1.29 0.00	28.78 1.27 0.00	28.11 1.29 0.00	28.27 1.22 0.00	31.16 1.40 0.00	37.90 1.84 0.00	40.61 2.48 0.00	41.03 2.68 0.00	39.59 2.10 0.00	39.26 2.12 0.00	38.36 2.03 0.00	36.70 1.95 0.00	36.87 1.96 0.00	35.71 1.83 0.00	36.22 1.79 0.00	39.28 2.12 0.00	42.11 2.57 0.00	41.12 2.29 0.00	38.80 1.88 0.00	37.27 1.71 0.00	35.39 1.65 0.00	31.19 1.29 0.00	31.30 1.20 0.00
HARSNRAD_115KV_TB1 81005	29.39 -1.94 0.00	26.48 -2.18 0.00	25.37 -2.15 0.00	24.70 -2.12 0.00	25.16 -1.89 0.00	27.62 -2.14 0.00	33.72 -2.34 0.00	34.39 -3.74 0.00	34.97 -3.37 0.00	34.00 -3.49 0.00	33.24 -3.90 0.00	32.73 -3.60 0.00	31.32 -3.44 0.00	31.52 -3.39 0.00	31.07 -2.81 0.00	31.47 -2.96 0.00	34.49 -2.68 0.00	36.73 -2.81 0.00	36.35 -2.49 0.00	33.67 -3.25 0.00	32.19 -3.38 0.00	30.93 -2.80 0.00	28.05 -1.85 0.00	28.38 -1.72 0.00
HARZA MOOSE___RIVER 24016	31.33 0.00 0.00	28.57 -0.09 0.00	27.40 -0.11 0.00	26.69 -0.13 0.00	26.97 -0.08 0.00	29.76 0.00 0.00	36.28 0.22 0.00	38.40 0.27 0.00	38.58 0.23 0.00	37.68 0.19 0.00	37.37 0.22 0.00	36.55 0.22 0.00	34.90 0.14 0.00	35.05 0.14 0.00	34.19 0.30 0.00	34.74 0.31 0.00	37.65 0.48 0.00	40.48 0.95 0.00	39.73 0.89 0.00	37.54 0.63 0.00	36.20 0.64 0.00	34.21 0.47 0.00	30.29 0.39 0.00	30.46 0.36 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.77 -0.56 0.00	28.08 -0.57 0.00	26.96 -0.55 0.00	26.26 -0.56 0.00	26.54 -0.51 0.00	29.20 -0.57 0.00	35.45 -0.61 0.00	37.37 -0.76 0.00	37.69 -0.65 0.00	36.74 -0.75 0.00	36.40 -0.74 0.00	35.64 -0.69 0.00	34.10 -0.66 0.00	34.21 -0.70 0.00	33.27 -0.61 0.00	33.78 -0.65 0.00	36.57 -0.59 0.00	39.06 -0.47 0.00	38.37 -0.47 0.00	36.18 -0.74 0.00	34.78 -0.78 0.00	33.03 -0.71 0.00	29.27 -0.63 0.00	29.43 -0.66 0.00
HELLGATE_13_KV_LD 55870	32.84 1.50 0.00	30.09 1.43 0.00	28.97 1.46 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.03 2.90 0.00	41.49 3.14 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.67 2.24 0.00	39.85 2.68 -0.02	42.64 3.08 -0.02	41.65 2.80 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.60 1.50 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.84 1.50 0.00	30.09 1.43 0.00	28.97 1.46 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.03 2.90 0.00	41.49 3.14 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.67 2.24 0.00	39.85 2.68 -0.02	42.64 3.08 -0.02	41.65 2.80 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.79 2.06 0.00	31.43 1.53 0.00	31.60 1.50 0.00
HEMPSTEAD___ 23647	36.25 2.10 -2.82	32.85 1.92 -2.28	30.95 1.90 -1.54	29.65 1.85 -0.98	29.58 1.81 -0.71	33.47 2.05 -1.66	42.32 2.63 -3.63	48.69 3.74 -6.81	48.35 3.76 -6.24	41.55 3.07 -0.99	42.43 3.12 -2.16	39.31 2.98 0.00	39.11 2.88 -1.47	39.11 2.83 -1.37	39.81 2.71 -3.22	39.10 2.69 -1.98	41.66 3.12 -1.38	52.73 3.56 -9.63	50.22 3.22 -8.16	44.16 2.80 -4.44	40.71 2.56 -2.59	38.06 2.50 -1.83	37.10 2.00 -5.19	31.99 1.90 0.00
HEWLETT__69_KV_BK3 55828	36.40 2.26 -2.82	33.00 2.06 -2.28	31.06 2.01 -1.54	29.78 1.98 -0.98	29.71 1.95 -0.71	33.62 2.20 -1.66	42.50 2.81 -3.63	48.53 3.58 -6.81	48.46 3.87 -6.24	41.74 3.26 -0.99	42.58 3.27 -2.16	39.49 3.16 0.00	39.28 3.06 -1.47	39.35 3.07 -1.37	39.98 2.88 -3.22	39.27 2.86 -1.98	41.81 3.27 -1.38	52.96 3.80 -9.63	50.49 3.49 -8.16	44.38 3.03 -4.44	40.92 2.77 -2.59	38.22 2.67 -1.83	37.25 2.15 -5.19	32.17 2.08 0.00
HICKLING___1 23621	31.39 0.06 0.00	28.48 -0.17 0.00	27.32 -0.19 0.00	26.64 -0.19 0.00	27.00 -0.05 0.00	29.73 -0.03 0.00	36.31 0.25 0.00	37.86 -0.27 0.00	38.35 0.00 0.00	37.23 -0.26 0.00	36.81 -0.33 0.00	36.11 -0.22 0.00	34.55 -0.21 0.00	34.74 -0.17 0.00	33.95 0.07 0.00	34.43 0.00 0.00	37.46 0.30 0.00	40.09 0.55 0.00	39.45 0.62 0.00	36.80 -0.11 0.00	35.32 -0.25 0.00	33.67 -0.07 0.00	30.05 0.15 0.00	30.36 0.27 0.00
HICKLING___2 23622	31.39 0.06 0.00	28.48 -0.17 0.00	27.32 -0.19 0.00	26.64 -0.19 0.00	27.00 -0.05 0.00	29.73 -0.03 0.00	36.31 0.25 0.00	37.86 -0.27 0.00	38.35 0.00 0.00	37.23 -0.26 0.00	36.81 -0.33 0.00	36.11 -0.22 0.00	34.55 -0.21 0.00	34.74 -0.17 0.00	33.95 0.07 0.00	34.43 0.00 0.00	37.46 0.30 0.00	40.09 0.55 0.00	39.45 0.62 0.00	36.80 -0.11 0.00	35.32 -0.25 0.00	33.67 -0.07 0.00	30.05 0.15 0.00	30.36 0.27 0.00
HIGH FALLS___HY 23754	32.96 1.63 0.00	30.14 1.49 0.00	29.00 1.49 0.00	28.30 1.48 0.00	28.46 1.41 0.00	31.37 1.61 0.00	38.26 2.20 0.00	40.88 2.75 0.00	41.30 2.95 0.00	39.78 2.29 0.00	39.48 2.34 0.00	38.54 2.22 0.00	36.60 1.84 0.00	36.76 1.85 0.00	35.61 1.73 0.00	36.12 1.69 0.00	39.28 2.12 0.00	42.18 2.65 0.00	41.16 2.33 0.00	38.76 1.85 0.00	37.52 1.96 0.00	35.72 1.99 0.00	31.40 1.50 0.00	31.51 1.41 0.00
HILLBURN___GT 23639	32.71 1.38 0.00	29.91 1.26 0.00	28.75 1.24 0.00	28.08 1.26 0.00	28.27 1.22 0.00	31.13 1.37 0.00	37.86 1.80 0.00	40.99 2.86 0.00	41.22 2.88 0.00	39.66 2.17 0.00	39.37 2.23 0.00	38.47 2.14 0.00	36.81 2.05 0.00	36.90 1.99 0.00	35.78 1.90 0.00	36.29 1.86 0.00	39.35 2.19 0.00	42.14 2.61 0.00	41.16 2.33 0.00	38.83 1.92 0.00	37.27 1.71 0.00	35.39 1.65 0.00	31.19 1.28 0.00	31.33 1.23 0.00
HILLSIDE_115KV_TB1 80332	31.05 -0.28 0.00	28.20 -0.46 0.00	27.05 -0.47 0.00	26.39 -0.43 0.00	26.76 -0.30 0.00	29.44 -0.33 0.00	35.88 -0.18 0.00	37.52 -0.61 0.00	37.92 -0.42 0.00	36.85 -0.64 0.00	36.40 -0.74 0.00	35.71 -0.62 0.00	34.13 -0.63 0.00	34.32 -0.59 0.00	33.51 -0.37 0.00	33.99 -0.45 0.00	36.94 -0.22 0.00	39.54 0.00 0.00	38.87 0.04 0.00	36.36 -0.55 0.00	34.89 -0.68 0.00	33.26 -0.47 0.00	29.66 -0.24 0.00	29.97 -0.12 0.00

HISHELDN_WT_PWR 323625	29.86 -1.47 0.00	26.94 -1.72 0.00	25.75 -1.76 0.00	25.19 -1.64 0.00	25.51 -1.54 0.00	28.01 -1.76 0.00	34.22 -1.84 0.00	35.50 -2.63 0.00	35.32 -3.03 0.00	34.72 -2.77 0.00	34.02 -3.12 0.00	33.53 -2.80 0.00	32.11 -2.64 0.00	32.68 -2.24 0.00	31.75 -2.13 0.00	32.33 -2.10 0.00	35.45 -1.71 0.00	37.99 -1.54 0.00	37.40 -1.44 0.00	34.77 -2.14 0.00	33.57 -1.99 0.00	31.88 -1.86 0.00	28.77 -1.14 0.00	29.13 -0.96 0.00
HOLTSVILLE_IC_1 23690	36.59 2.45 -2.82	33.20 2.26 -2.28	31.28 2.23 -1.54	30.00 2.20 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.86 3.17 -3.63	49.22 4.27 -6.81	48.88 4.29 -6.24	41.92 3.45 -0.99	42.99 3.68 -2.16	39.60 3.27 0.00	39.46 3.23 -1.47	39.46 3.18 -1.37	40.28 3.18 -3.22	39.48 3.06 -1.98	42.03 3.49 -1.38	53.32 4.15 -9.63	50.84 3.85 -8.16	44.61 3.25 -4.44	41.21 3.06 -2.59	38.43 2.87 -1.83	37.43 2.33 -5.19	32.29 2.20 0.00
HOLTSVILLE_IC_10 23699	36.72 2.57 -2.82	33.31 2.38 -2.28	31.42 2.37 -1.54	30.11 2.31 -0.98	30.06 2.30 -0.71	33.98 2.56 -1.66	43.07 3.39 -3.63	49.44 4.50 -6.81	49.11 4.52 -6.24	42.11 3.64 -0.99	43.17 3.86 -2.16	39.78 3.45 0.00	39.63 3.41 -1.47	39.63 3.35 -1.37	40.49 3.39 -3.22	39.69 3.27 -1.98	42.26 3.72 -1.38	53.56 4.39 -9.63	51.11 4.11 -8.16	44.82 3.47 -4.44	41.42 3.27 -2.59	38.60 3.04 -1.83	37.58 2.48 -5.19	32.41 2.32 0.00
HOLTSVILLE_IC_2 23691	36.59 2.45 -2.82	33.20 2.26 -2.28	31.28 2.23 -1.54	30.00 2.20 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.86 3.17 -3.63	49.22 4.27 -6.81	48.88 4.29 -6.24	41.92 3.45 -0.99	42.99 3.68 -2.16	39.60 3.27 0.00	39.46 3.23 -1.47	39.46 3.18 -1.37	40.28 3.18 -3.22	39.48 3.06 -1.98	42.03 3.49 -1.38	53.32 4.15 -9.63	50.84 3.85 -8.16	44.61 3.25 -4.44	41.21 3.06 -2.59	38.43 2.87 -1.83	37.43 2.33 -5.19	32.29 2.20 0.00
HOLTSVILLE_IC_3 23692	36.59 2.45 -2.82	33.20 2.26 -2.28	31.28 2.23 -1.54	30.00 2.20 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.86 3.17 -3.63	49.22 4.27 -6.81	48.88 4.29 -6.24	41.92 3.45 -0.99	42.99 3.68 -2.16	39.60 3.27 0.00	39.46 3.23 -1.47	39.46 3.18 -1.37	40.28 3.18 -3.22	39.48 3.06 -1.98	42.03 3.49 -1.38	53.32 4.15 -9.63	50.84 3.85 -8.16	44.61 3.25 -4.44	41.21 3.06 -2.59	38.43 2.87 -1.83	37.43 2.33 -5.19	32.29 2.20 0.00
HOLTSVILLE_IC_4 23693	36.59 2.45 -2.82	33.20 2.26 -2.28	31.28 2.23 -1.54	30.00 2.20 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.86 3.17 -3.63	49.22 4.27 -6.81	48.88 4.29 -6.24	41.92 3.45 -0.99	42.99 3.68 -2.16	39.60 3.27 0.00	39.46 3.23 -1.47	39.46 3.18 -1.37	40.28 3.18 -3.22	39.48 3.06 -1.98	42.03 3.49 -1.38	53.32 4.15 -9.63	50.84 3.85 -8.16	44.61 3.25 -4.44	41.21 3.06 -2.59	38.43 2.87 -1.83	37.43 2.33 -5.19	32.29 2.20 0.00
HOLTSVILLE_IC_5 23694	36.59 2.45 -2.82	33.20 2.26 -2.28	31.28 2.23 -1.54	30.00 2.20 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.86 3.17 -3.63	49.22 4.27 -6.81	48.88 4.29 -6.24	41.92 3.45 -0.99	42.99 3.68 -2.16	39.60 3.27 0.00	39.46 3.23 -1.47	39.46 3.18 -1.37	40.28 3.18 -3.22	39.48 3.06 -1.98	42.03 3.49 -1.38	53.32 4.15 -9.63	50.84 3.85 -8.16	44.61 3.25 -4.44	41.21 3.06 -2.59	38.43 2.87 -1.83	37.43 2.33 -5.19	32.29 2.20 0.00
HOLTSVILLE_IC_6 23695	36.72 2.57 -2.82	33.31 2.38 -2.28	31.42 2.37 -1.54	30.11 2.31 -0.98	30.06 2.30 -0.71	33.98 2.56 -1.66	43.07 3.39 -3.63	49.44 4.50 -6.81	49.11 4.52 -6.24	42.11 3.64 -0.99	43.17 3.86 -2.16	39.78 3.45 0.00	39.63 3.41 -1.47	39.63 3.35 -1.37	40.49 3.39 -3.22	39.69 3.27 -1.98	42.26 3.72 -1.38	53.56 4.39 -9.63	51.11 4.11 -8.16	44.82 3.47 -4.44	41.42 3.27 -2.59	38.60 3.04 -1.83	37.58 2.48 -5.19	32.41 2.32 0.00
HOLTSVILLE_IC_7 23696	36.72 2.57 -2.82	33.31 2.38 -2.28	31.42 2.37 -1.54	30.11 2.31 -0.98	30.06 2.30 -0.71	33.98 2.56 -1.66	43.07 3.39 -3.63	49.44 4.50 -6.81	49.11 4.52 -6.24	42.11 3.64 -0.99	43.17 3.86 -2.16	39.78 3.45 0.00	39.63 3.41 -1.47	39.63 3.35 -1.37	40.49 3.39 -3.22	39.69 3.27 -1.98	42.26 3.72 -1.38	53.56 4.39 -9.63	51.11 4.11 -8.16	44.82 3.47 -4.44	41.42 3.27 -2.59	38.60 3.04 -1.83	37.58 2.48 -5.19	32.41 2.32 0.00
HOLTSVILLE_IC_8 23697	36.72 2.57 -2.82	33.31 2.38 -2.28	31.42 2.37 -1.54	30.11 2.31 -0.98	30.06 2.30 -0.71	33.98 2.56 -1.66	43.07 3.39 -3.63	49.44 4.50 -6.81	49.11 4.52 -6.24	42.11 3.64 -0.99	43.17 3.86 -2.16	39.78 3.45 0.00	39.63 3.41 -1.47	39.63 3.35 -1.37	40.49 3.39 -3.22	39.69 3.27 -1.98	42.26 3.72 -1.38	53.56 4.39 -9.63	51.11 4.11 -8.16	44.82 3.47 -4.44	41.42 3.27 -2.59	38.60 3.04 -1.83	37.58 2.48 -5.19	32.41 2.32 0.00
HOLTSVILLE_IC_9 23698	36.72 2.57 -2.82	33.31 2.38 -2.28	31.42 2.37 -1.54	30.11 2.31 -0.98	30.06 2.30 -0.71	33.98 2.56 -1.66	43.07 3.39 -3.63	49.44 4.50 -6.81	49.11 4.52 -6.24	42.11 3.64 -0.99	43.17 3.86 -2.16	39.78 3.45 0.00	39.63 3.41 -1.47	39.63 3.35 -1.37	40.49 3.39 -3.22	39.69 3.27 -1.98	42.26 3.72 -1.38	53.56 4.39 -9.63	51.11 4.11 -8.16	44.82 3.47 -4.44	41.42 3.27 -2.59	38.60 3.04 -1.83	37.58 2.48 -5.19	32.41 2.32 0.00
HOMER_HL_115KV_TB2 355744	30.55 -0.78 0.00	27.54 -1.12 0.00	26.36 -1.16 0.00	25.78 -1.05 0.00	26.22 -0.84 0.00	28.78 -0.98 0.00	35.23 -0.83 0.00	36.22 -1.91 0.00	36.66 -1.69 0.00	35.61 -1.87 0.00	34.92 -2.23 0.00	34.33 -2.00 0.00	32.84 -1.91 0.00	33.13 -1.78 0.00	32.53 -1.36 0.00	32.92 -1.52 0.00	36.09 -1.08 0.00	38.67 -0.87 0.00	38.17 -0.66 0.00	35.29 -1.62 0.00	33.75 -1.81 0.00	32.39 -1.35 0.00	29.27 -0.63 0.00	29.73 -0.36 0.00
HOWARD_WT_PWR 323690	31.08 -0.25 0.00	28.05 -0.60 0.00	26.85 -0.66 0.00	26.21 -0.62 0.00	26.57 -0.49 0.00	29.23 -0.53 0.00	35.77 -0.29 0.00	37.48 -0.65 0.00	37.39 -0.96 0.00	36.63 -0.86 0.00	36.10 -1.04 0.00	35.53 -0.80 0.00	33.99 -0.76 0.00	34.46 -0.45 0.00	33.54 -0.34 0.00	34.16 -0.28 0.00	37.42 0.26 0.00	40.13 0.59 0.00	39.45 0.62 0.00	36.73 -0.18 0.00	35.42 -0.14 0.00	33.60 -0.13 0.00	30.11 0.21 0.00	30.43 0.33 0.00
HQ_GEN_CEDARS 23644	31.33 0.00 0.00	28.88 0.23 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.24 0.19 0.00	29.97 0.21 0.00	36.06 0.00 0.00	38.02 -0.11 0.00	37.96 -0.38 0.00	37.56 0.07 0.00	37.29 0.15 0.00	36.47 0.15 0.00	34.93 0.17 0.00	35.12 0.21 0.00	34.08 0.20 0.00	34.64 0.21 0.00	37.13 -0.04 0.00	38.98 -0.55 0.00	38.41 -0.43 0.00	37.02 0.11 0.00	35.67 0.11 0.00	33.77 0.03 0.00	30.23 0.33 0.00	30.55 0.45 0.00
HQ_GEN_CEDARS_PROXY 323590	31.33 0.00 0.00	28.88 0.23 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.24 0.19 0.00	29.97 0.21 0.00	36.06 0.00 0.00	37.75 -0.38 0.00	38.04 -0.31 0.00	37.56 0.08 0.00	37.29 0.15 0.00	36.47 0.15 0.00	34.93 0.17 0.00	35.12 0.21 0.00	34.09 0.20 0.00	34.86 0.21 -0.21	36.88 -0.07 0.21	38.94 -0.59 0.00	38.41 -0.43 0.00	37.02 0.11 0.00	35.67 0.11 0.00	33.77 0.03 0.00	30.23 0.33 0.00	30.55 0.45 0.00

HQ_GEN_IMPORT 323601	31.33 0.00 0.00	28.68 0.03 0.00	27.54 0.03 0.00	26.85 0.03 0.00	27.08 0.03 0.00	29.79 0.03 0.00	35.99 -0.07 0.00	37.75 -0.38 0.00	37.75 -0.38 0.21	37.66 -0.04 -0.21	37.14 0.00 0.00	36.33 0.00 0.00	34.76 0.00 0.00	34.91 0.00 0.00	33.92 0.03 0.00	34.68 0.03 -0.21	37.75 -0.11 -0.70	38.11 -0.52 0.91	37.75 -0.35 0.73	37.68 0.04 -0.73	35.60 0.04 0.00	33.77 0.03 0.00	29.99 0.09 0.00	30.21 0.12 0.00
HQ_GEN_WHEEL 23651	31.33 0.00 0.00	28.68 0.03 0.00	27.54 0.03 0.00	26.85 0.03 0.00	27.08 0.03 0.00	29.79 0.03 0.00	35.99 -0.07 0.00	37.75 -0.38 0.00	37.75 -0.38 0.21	37.66 -0.04 -0.21	37.14 0.00 0.00	36.33 0.00 0.00	34.76 0.00 0.00	34.91 0.00 0.00	33.92 0.03 0.00	34.68 0.03 -0.21	37.75 -0.11 -0.70	38.11 -0.52 0.91	37.75 -0.35 0.73	37.68 0.04 -0.73	35.60 0.04 0.00	33.77 0.03 0.00	29.99 0.09 0.00	30.21 0.12 0.00
HUDSON AVE_GT_3 23810	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.41 1.35 0.00	31.31 1.55 0.00	38.11 2.06 0.00	41.11 2.97 0.00	41.60 3.26 0.00	40.11 2.62 0.00	39.82 2.67 0.00	38.94 2.62 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.74 2.31 0.00	39.85 2.68 -0.02	42.67 3.12 -0.02	41.65 2.80 -0.02	39.35 2.44 0.00	37.70 2.13 0.00	35.79 2.06 0.00	31.49 1.58 0.00	31.60 1.50 0.00
HUDSON AVE_GT_4 23540	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.41 1.35 0.00	31.31 1.55 0.00	38.11 2.06 0.00	41.11 2.97 0.00	41.60 3.26 0.00	40.11 2.62 0.00	39.82 2.67 0.00	38.94 2.62 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.74 2.31 0.00	39.85 2.68 -0.02	42.67 3.12 -0.02	41.65 2.80 -0.02	39.35 2.44 0.00	37.70 2.13 0.00	35.79 2.06 0.00	31.49 1.58 0.00	31.60 1.50 0.00
HUDSON AVE_GT_5 23657	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.41 1.35 0.00	31.31 1.55 0.00	38.11 2.06 0.00	41.11 2.97 0.00	41.60 3.26 0.00	40.11 2.62 0.00	39.82 2.67 0.00	38.94 2.62 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.74 2.31 0.00	39.85 2.68 -0.02	42.67 3.12 -0.02	41.65 2.80 -0.02	39.35 2.44 0.00	37.70 2.13 0.00	35.79 2.06 0.00	31.49 1.58 0.00	31.60 1.50 0.00
HUDSON_AVE_10 24168	32.80 1.47 0.00	30.00 1.35 0.00	28.89 1.38 0.00	28.19 1.37 0.00	28.33 1.27 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.07 2.94 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.78 2.64 0.00	38.87 2.54 0.00	37.22 2.47 0.00	37.39 2.48 0.00	36.22 2.34 0.00	36.71 2.27 0.00	39.82 2.64 -0.02	42.64 3.08 -0.02	41.65 2.80 -0.02	39.31 2.40 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.43 1.53 0.00	31.51 1.41 0.00
HUDSON___115KV_TB 4 355613	32.62 1.28 0.00	29.80 1.15 0.00	28.61 1.10 0.00	27.87 1.05 0.00	28.05 1.00 0.00	30.98 1.22 0.00	37.36 1.30 0.00	39.81 1.68 0.00	40.30 1.96 0.00	38.91 1.42 0.00	38.48 1.34 0.00	37.56 1.24 0.00	35.87 1.11 0.00	36.03 1.12 0.00	34.93 1.05 0.00	35.54 1.10 0.00	38.46 1.30 0.00	41.16 1.62 0.00	40.27 1.44 0.00	38.06 1.14 0.00	36.70 1.14 0.00	34.71 0.98 0.00	30.89 0.99 0.00	31.03 0.93 0.00
HUNTER MOUNT___DRP 323613	32.77 1.44 0.00	29.91 1.26 0.00	28.75 1.24 0.00	28.00 1.18 0.00	28.16 1.11 0.00	31.13 1.37 0.00	37.61 1.55 0.00	40.00 1.87 0.00	40.49 2.15 0.00	39.06 1.57 0.00	38.59 1.45 0.00	37.67 1.34 0.00	35.94 1.18 0.00	36.10 1.19 0.00	35.03 1.15 0.00	35.67 1.24 0.00	38.65 1.49 0.00	41.39 1.86 0.00	40.46 1.63 0.00	38.24 1.33 0.00	36.84 1.28 0.00	34.88 1.15 0.00	31.01 1.11 0.00	31.12 1.02 0.00
HUNTINGTON_RES_REC 323705	36.43 2.29 -2.82	33.03 2.09 -2.28	31.12 2.06 -1.54	29.81 2.01 -0.98	29.71 1.95 -0.71	33.59 2.17 -1.66	42.35 2.67 -3.63	48.69 3.74 -6.81	48.35 3.76 -6.24	41.55 3.07 -0.99	42.43 3.12 -2.16	39.27 2.94 0.00	39.11 2.88 -1.47	39.11 2.83 -1.37	39.84 2.74 -3.22	39.13 2.72 -1.98	41.62 3.08 -1.38	52.85 3.68 -9.63	50.37 3.38 -8.16	44.24 2.88 -4.44	40.75 2.59 -2.59	38.16 2.60 -1.83	37.22 2.12 -5.19	32.08 1.99 0.00
HUNTLEY___63 23557	29.51 -1.82 0.00	26.59 -2.06 0.00	25.48 -2.04 0.00	24.81 -2.01 0.00	25.24 -1.81 0.00	27.74 -2.02 0.00	33.86 -2.20 0.00	34.59 -3.55 0.00	35.16 -3.18 0.00	34.23 -3.26 0.00	33.47 -3.68 0.00	32.95 -3.38 0.00	31.52 -3.23 0.00	31.77 -3.14 0.00	31.31 -2.57 0.00	31.68 -2.75 0.00	34.78 -2.38 0.00	37.05 -2.49 0.00	36.66 -2.17 0.00	33.89 -3.03 0.00	32.43 -3.13 0.00	31.14 -2.60 0.00	28.23 -1.67 0.00	28.59 -1.50 0.00
HUNTLEY___64 23558	29.51 -1.82 0.00	26.59 -2.06 0.00	25.48 -2.04 0.00	24.81 -2.01 0.00	25.24 -1.81 0.00	27.74 -2.02 0.00	33.86 -2.20 0.00	34.59 -3.55 0.00	35.16 -3.18 0.00	34.23 -3.26 0.00	33.47 -3.68 0.00	32.95 -3.38 0.00	31.52 -3.23 0.00	31.77 -3.14 0.00	31.31 -2.57 0.00	31.68 -2.75 0.00	34.78 -2.38 0.00	37.05 -2.49 0.00	36.66 -2.17 0.00	33.89 -3.03 0.00	32.43 -3.13 0.00	31.14 -2.60 0.00	28.23 -1.67 0.00	28.59 -1.50 0.00
HUNTLEY___65 23559	29.51 -1.82 0.00	26.59 -2.06 0.00	25.48 -2.04 0.00	24.81 -2.01 0.00	25.24 -1.81 0.00	27.74 -2.02 0.00	33.86 -2.20 0.00	34.59 -3.55 0.00	35.16 -3.18 0.00	34.23 -3.26 0.00	33.47 -3.68 0.00	32.95 -3.38 0.00	31.52 -3.23 0.00	31.77 -3.14 0.00	31.31 -2.57 0.00	31.68 -2.75 0.00	34.78 -2.38 0.00	37.05 -2.49 0.00	36.66 -2.17 0.00	33.89 -3.03 0.00	32.43 -3.13 0.00	31.14 -2.60 0.00	28.23 -1.67 0.00	28.59 -1.50 0.00
HUNTLEY___66 23560	29.51 -1.82 0.00	26.59 -2.06 0.00	25.48 -2.04 0.00	24.81 -2.01 0.00	25.24 -1.81 0.00	27.74 -2.02 0.00	33.86 -2.20 0.00	34.59 -3.55 0.00	35.16 -3.18 0.00	34.23 -3.26 0.00	33.47 -3.68 0.00	32.95 -3.38 0.00	31.52 -3.23 0.00	31.77 -3.14 0.00	31.31 -2.57 0.00	31.68 -2.75 0.00	34.78 -2.38 0.00	37.05 -2.49 0.00	36.66 -2.17 0.00	33.89 -3.03 0.00	32.43 -3.13 0.00	31.14 -2.60 0.00	28.23 -1.67 0.00	28.59 -1.50 0.00
HUNTLEY___67 23561	29.48 -1.85 0.00	26.59 -2.06 0.00	25.45 -2.06 0.00	24.81 -2.01 0.00	25.24 -1.81 0.00	27.74 -2.02 0.00	33.82 -2.24 0.00	34.59 -3.55 0.00	35.16 -3.18 0.00	34.19 -3.30 0.00	33.43 -3.71 0.00	32.88 -3.45 0.00	31.49 -3.27 0.00	31.70 -3.21 0.00	31.20 -2.68 0.00	31.61 -2.82 0.00	34.64 -2.53 0.00	36.93 -2.61 0.00	36.50 -2.33 0.00	33.85 -3.06 0.00	32.36 -3.20 0.00	31.10 -2.63 0.00	28.20 -1.70 0.00	28.56 -1.53 0.00
HUNTLEY___68 23562	29.48 -1.85 0.00	26.59 -2.06 0.00	25.45 -2.06 0.00	24.81 -2.01 0.00	25.24 -1.81 0.00	27.74 -2.02 0.00	33.82 -2.24 0.00	34.59 -3.55 0.00	35.16 -3.18 0.00	34.19 -3.30 0.00	33.43 -3.71 0.00	32.88 -3.45 0.00	31.49 -3.27 0.00	31.70 -3.21 0.00	31.20 -2.68 0.00	31.61 -2.82 0.00	34.64 -2.53 0.00	36.93 -2.61 0.00	36.50 -2.33 0.00	33.85 -3.06 0.00	32.36 -3.20 0.00	31.10 -2.63 0.00	28.20 -1.70 0.00	28.56 -1.53 0.00



HYLAND___LFGE 323620	31.86 0.53 0.00	28.80 0.14 0.00	27.57 0.06 0.00	26.82 0.00 0.00	27.22 0.16 0.00	30.03 0.27 0.00	36.92 0.86 0.00	38.55 0.42 0.00	38.54 0.19 0.00	37.86 0.37 0.00	36.92 -0.22 0.00	36.18 -0.14 0.00	34.58 -0.17 0.00	34.98 0.07 0.00	34.05 0.17 0.00	34.85 0.41 0.00	38.43 1.26 0.00	41.20 1.66 0.00	40.66 1.83 0.00	37.80 0.88 0.00	36.38 0.82 0.00	34.44 0.71 0.00	30.74 0.84 0.00	30.85 0.75 0.00
INDECK___CORINTH 23802	32.71 1.38 0.00	29.94 1.29 0.00	28.72 1.21 0.00	27.98 1.15 0.00	28.16 1.11 0.00	31.16 1.40 0.00	37.79 1.73 0.00	40.61 2.48 0.00	41.07 2.72 0.00	39.66 2.17 0.00	39.22 2.08 0.00	38.36 2.03 0.00	36.53 1.77 0.00	36.59 1.68 0.00	35.54 1.66 0.00	36.09 1.65 0.00	39.35 2.19 0.00	42.10 2.57 0.00	41.36 2.52 0.00	39.28 2.36 0.00	37.84 2.28 0.00	35.72 1.99 0.00	31.61 1.70 0.00	31.72 1.62 0.00
INDECK___ILION 23567	31.77 0.44 0.00	29.03 0.37 0.00	27.87 0.36 0.00	27.17 0.35 0.00	27.41 0.35 0.00	30.15 0.39 0.00	36.53 0.47 0.00	38.67 0.53 0.00	38.92 0.58 0.00	37.94 0.45 0.00	37.59 0.45 0.00	36.76 0.44 0.00	35.14 0.38 0.00	35.30 0.38 0.00	34.25 0.37 0.00	34.81 0.38 0.00	37.65 0.48 0.00	40.29 0.75 0.00	39.49 0.66 0.00	37.43 0.52 0.00	36.06 0.50 0.00	34.21 0.47 0.00	30.29 0.39 0.00	30.49 0.39 0.00
INDECK___OLEAN 23982	30.55 -0.78 0.00	27.54 -1.12 0.00	26.36 -1.15 0.00	25.83 -0.99 0.00	26.22 -0.84 0.00	28.78 -0.98 0.00	35.23 -0.83 0.00	36.72 -1.41 0.00	36.35 -2.00 0.00	35.65 -1.84 0.00	34.92 -2.23 0.00	34.33 -2.00 0.00	32.88 -1.88 0.00	33.34 -1.57 0.00	32.39 -1.49 0.00	32.95 -1.48 0.00	36.20 -0.97 0.00	38.78 -0.75 0.00	38.14 -0.70 0.00	35.33 -1.59 0.00	34.07 -1.49 0.00	32.42 -1.32 0.00	29.27 -0.63 0.00	29.73 -0.36 0.00
INDECK___OSWEGO 23783	30.33 -1.00 0.00	27.68 -0.97 0.00	26.58 -0.94 0.00	25.88 -0.94 0.00	26.13 -0.92 0.00	28.78 -0.98 0.00	34.98 -1.08 0.00	36.99 -1.14 0.00	37.16 -1.19 0.00	36.29 -1.20 0.00	35.95 -1.19 0.00	35.16 -1.16 0.00	33.64 -1.11 0.00	33.83 -1.08 0.00	32.83 -1.05 0.00	33.37 -1.07 0.00	36.12 -1.04 0.00	38.63 -0.91 0.00	37.90 -0.93 0.00	35.77 -1.14 0.00	34.46 -1.10 0.00	32.65 -1.08 0.00	28.94 -0.96 0.00	29.10 -0.99 0.00
INDECK___YERKES 23781	29.58 -1.75 0.00	26.62 -2.03 0.00	25.53 -1.98 0.00	24.97 -1.85 0.00	25.30 -1.76 0.00	27.77 -1.99 0.00	33.90 -2.16 0.00	34.97 -3.16 0.00	34.70 -3.64 0.00	34.30 -3.19 0.00	33.51 -3.64 0.00	32.99 -3.34 0.00	31.56 -3.20 0.00	32.19 -2.72 0.00	31.20 -2.68 0.00	31.75 -2.69 0.00	34.86 -2.30 0.00	37.32 -2.21 0.00	36.74 -2.10 0.00	34.00 -2.92 0.00	32.86 -2.70 0.00	31.20 -2.53 0.00	28.26 -1.64 0.00	28.59 -1.50 0.00
INDIAN POINT_GT_1 24139	32.74 1.41 0.00	29.97 1.32 0.00	28.81 1.29 0.00	28.14 1.31 0.00	28.30 1.24 0.00	31.16 1.40 0.00	37.86 1.80 0.00	40.69 2.55 0.00	41.14 2.80 0.00	39.70 2.21 0.00	39.41 2.27 0.00	38.47 2.14 0.00	36.84 2.09 0.00	36.97 2.06 0.00	35.78 1.90 0.00	36.33 1.89 0.00	39.32 2.16 0.00	42.15 2.61 0.00	41.16 2.33 0.00	38.87 1.96 0.00	37.34 1.78 0.00	35.45 1.72 0.00	31.22 1.32 0.00	31.36 1.26 0.00
INDIAN POINT_GT_2 23659	32.74 1.41 0.00	29.97 1.32 0.00	28.81 1.29 0.00	28.14 1.31 0.00	28.30 1.24 0.00	31.16 1.40 0.00	37.86 1.80 0.00	40.69 2.55 0.00	41.14 2.80 0.00	39.70 2.21 0.00	39.41 2.27 0.00	38.47 2.14 0.00	36.84 2.09 0.00	36.97 2.06 0.00	35.78 1.90 0.00	36.33 1.89 0.00	39.32 2.16 0.00	42.15 2.61 0.00	41.16 2.33 0.00	38.87 1.96 0.00	37.34 1.78 0.00	35.45 1.72 0.00	31.22 1.32 0.00	31.36 1.26 0.00
INDIAN POINT_GT_3 24019	32.74 1.41 0.00	29.97 1.32 0.00	28.81 1.29 0.00	28.14 1.31 0.00	28.30 1.24 0.00	31.16 1.40 0.00	37.86 1.80 0.00	40.69 2.55 0.00	41.14 2.80 0.00	39.70 2.21 0.00	39.41 2.27 0.00	38.47 2.14 0.00	36.84 2.09 0.00	36.97 2.06 0.00	35.78 1.90 0.00	36.33 1.89 0.00	39.32 2.16 0.00	42.15 2.61 0.00	41.16 2.33 0.00	38.87 1.96 0.00	37.34 1.78 0.00	35.45 1.72 0.00	31.22 1.32 0.00	31.36 1.26 0.00
INDIAN POINT___2 23530	32.71 1.38 0.00	29.91 1.26 0.00	28.78 1.27 0.00	28.06 1.23 0.00	28.27 1.22 0.00	31.13 1.37 0.00	37.83 1.77 0.00	40.91 2.78 0.00	41.14 2.80 0.00	39.63 2.14 0.00	39.34 2.19 0.00	38.43 2.11 0.00	36.77 2.02 0.00	36.83 1.92 0.00	35.74 1.86 0.00	36.26 1.82 0.00	39.28 2.12 0.00	42.07 2.53 0.00	41.08 2.25 0.00	38.80 1.88 0.00	37.20 1.64 0.00	35.39 1.65 0.00	31.19 1.28 0.00	31.33 1.23 0.00
INDIAN POINT___3 23531	32.74 1.41 0.00	29.94 1.29 0.00	28.78 1.27 0.00	28.11 1.29 0.00	28.27 1.22 0.00	31.16 1.40 0.00	37.86 1.80 0.00	40.65 2.52 0.00	41.11 2.76 0.00	39.66 2.17 0.00	39.34 2.19 0.00	38.44 2.11 0.00	36.77 2.02 0.00	36.94 2.02 0.00	35.74 1.86 0.00	36.29 1.86 0.00	39.28 2.12 0.00	42.11 2.57 0.00	41.12 2.29 0.00	38.80 1.88 0.00	37.31 1.74 0.00	35.42 1.69 0.00	31.22 1.32 0.00	31.33 1.23 0.00
INGHAM_C_115KV_TB7 356103	32.05 0.72 0.00	29.28 0.63 0.00	28.12 0.61 0.00	27.41 0.59 0.00	27.65 0.60 0.00	30.39 0.63 0.00	36.82 0.76 0.00	38.93 0.80 0.00	39.19 0.84 0.00	38.20 0.71 0.00	37.81 0.67 0.00	36.98 0.65 0.00	35.35 0.59 0.00	35.50 0.59 0.00	34.49 0.61 0.00	35.05 0.62 0.00	37.91 0.74 0.00	40.56 1.03 0.00	39.77 0.93 0.00	37.69 0.78 0.00	36.31 0.75 0.00	34.48 0.74 0.00	30.56 0.66 0.00	30.73 0.63 0.00
IP CORINTH___1 23988	32.71 1.38 0.00	29.94 1.29 0.00	28.72 1.21 0.00	27.98 1.15 0.00	28.16 1.11 0.00	31.16 1.40 0.00	37.79 1.73 0.00	40.46 2.33 0.00	40.99 2.65 0.00	39.66 2.17 0.00	39.22 2.08 0.00	38.36 2.03 0.00	36.53 1.77 0.00	36.62 1.71 0.00	35.51 1.63 0.00	36.12 1.69 0.00	39.36 2.19 0.00	42.11 2.57 0.00	41.36 2.52 0.00	39.31 2.40 0.00	37.88 2.31 0.00	35.72 1.99 0.00	31.61 1.70 0.00	31.72 1.63 0.00
IP___TICONDEROGA 23804	33.74 2.41 0.00	30.86 2.21 0.00	29.63 2.12 0.00	28.78 1.96 0.00	28.97 1.92 0.00	32.20 2.44 0.00	39.09 3.03 0.00	41.94 3.81 0.00	42.64 4.29 0.00	41.13 3.64 0.00	40.71 3.57 0.00	39.82 3.49 0.00	37.78 3.02 0.00	37.81 2.90 0.00	36.76 2.88 0.00	37.33 2.89 0.00	40.66 3.49 0.00	43.53 3.99 0.00	42.79 3.96 0.00	40.57 3.65 0.00	39.09 3.52 0.00	36.70 2.97 0.00	32.50 2.60 0.00	32.53 2.44 0.00
ISLIP_RES_REC 323679	36.84 2.69 -2.82	33.46 2.52 -2.28	31.53 2.48 -1.54	30.24 2.44 -0.98	30.17 2.41 -0.71	34.10 2.68 -1.66	43.26 3.57 -3.63	49.67 4.73 -6.81	49.34 4.75 -6.24	42.34 3.86 -0.99	43.40 4.09 -2.16	40.00 3.67 0.00	39.80 3.58 -1.47	39.84 3.56 -1.37	40.69 3.59 -3.22	39.86 3.44 -1.98	42.48 3.94 -1.38	53.83 4.66 -9.63	51.34 4.35 -8.16	45.08 3.73 -4.44	41.60 3.45 -2.59	38.77 3.21 -1.83	37.73 2.63 -5.19	32.56 2.47 0.00

JAMAICA__27_KV_LOAD 355505	32.93 1.60 0.00	30.12 1.46 0.00	28.97 1.46 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.37 1.61 0.00	38.30 2.24 0.00	41.37 3.24 0.00	41.87 3.53 0.00	40.34 2.85 0.00	40.08 2.93 0.00	39.20 2.87 0.00	37.54 2.78 0.00	37.67 2.76 0.00	36.49 2.61 0.00	36.98 2.55 0.00	40.15 2.97 -0.02	43.07 3.52 -0.02	42.07 3.22 -0.02	39.72 2.81 0.00	38.02 2.45 0.00	36.03 2.29 0.00	31.64 1.73 0.00	31.69 1.59 0.00
JANIS__SOLAR 323808	32.90 1.57 0.00	29.94 1.29 0.00	28.75 1.24 0.00	28.00 1.18 0.00	28.33 1.27 0.00	31.28 1.52 0.00	38.33 2.27 0.00	40.57 2.44 0.00	40.57 2.22 0.00	39.44 1.95 0.00	38.93 1.78 0.00	38.25 1.92 0.00	36.53 1.77 0.00	36.69 1.78 0.00	35.64 1.76 0.00	36.33 1.89 0.00	39.65 2.49 0.00	42.66 3.12 0.00	41.82 2.99 0.00	39.20 2.29 0.00	37.77 2.21 0.00	35.66 1.92 0.00	31.58 1.67 0.00	31.75 1.65 0.00
JARVIS____ 23743	31.43 0.09 0.00	28.71 0.06 0.00	27.60 0.08 0.00	26.88 0.05 0.00	27.11 0.05 0.00	29.85 0.09 0.00	36.17 0.11 0.00	38.32 0.19 0.00	38.54 0.19 0.00	37.56 0.08 0.00	37.22 0.07 0.00	36.40 0.07 0.00	34.83 0.07 0.00	34.98 0.07 0.00	33.95 0.07 0.00	34.50 0.07 0.00	37.27 0.11 0.00	39.81 0.28 0.00	39.07 0.23 0.00	37.02 0.11 0.00	35.67 0.11 0.00	33.84 0.10 0.00	29.96 0.06 0.00	30.15 0.06 0.00
JENNISON____1 23625	33.12 1.79 0.00	30.17 1.52 0.00	28.94 1.43 0.00	28.19 1.37 0.00	28.54 1.49 0.00	31.46 1.70 0.00	38.55 2.49 0.00	40.72 2.59 0.00	41.07 2.72 0.00	39.93 2.44 0.00	39.52 2.38 0.00	38.83 2.51 0.00	37.05 2.29 0.00	37.15 2.23 0.00	36.15 2.27 0.00	36.67 2.24 0.00	39.88 2.71 0.00	42.94 3.40 0.00	42.06 3.22 0.00	39.39 2.47 0.00	37.91 2.35 0.00	35.89 2.16 0.00	31.82 1.91 0.00	31.96 1.87 0.00
JENNISON____2 23626	33.12 1.79 0.00	30.17 1.52 0.00	28.94 1.43 0.00	28.19 1.37 0.00	28.54 1.49 0.00	31.46 1.70 0.00	38.55 2.49 0.00	40.72 2.59 0.00	41.07 2.72 0.00	39.93 2.44 0.00	39.52 2.38 0.00	38.83 2.51 0.00	37.05 2.29 0.00	37.15 2.23 0.00	36.15 2.27 0.00	36.67 2.24 0.00	39.88 2.71 0.00	42.94 3.40 0.00	42.06 3.22 0.00	39.39 2.47 0.00	37.91 2.35 0.00	35.89 2.16 0.00	31.82 1.91 0.00	31.96 1.87 0.00
JERICOHO_RISE_WT_PWR 323719	31.46 0.13 0.00	28.83 0.17 0.00	27.65 0.14 0.00	26.96 0.13 0.00	27.16 0.11 0.00	29.85 0.09 0.00	35.73 -0.33 0.00	37.37 -0.76 0.00	37.66 -0.69 0.00	37.23 -0.26 0.00	37.03 -0.11 0.00	36.18 -0.14 0.00	34.65 -0.10 0.00	34.84 -0.07 0.00	33.92 0.03 0.00	34.68 0.24 0.00	37.31 0.15 0.00	39.26 -0.27 0.00	38.72 -0.12 0.00	37.39 0.48 0.00	36.06 0.50 0.00	34.14 0.41 0.00	30.44 0.54 0.00	31.00 0.90 0.00
KATONAH__115KV_46KV_TB4 355592	32.99 1.66 0.00	30.20 1.55 0.00	29.03 1.51 0.00	28.35 1.53 0.00	28.43 1.38 0.00	31.34 1.58 0.00	38.01 1.95 0.00	40.88 2.75 0.00	41.34 2.99 0.00	39.89 2.40 0.00	39.67 2.53 0.00	38.73 2.40 0.00	37.02 2.26 0.00	37.11 2.20 0.00	35.95 2.07 0.00	36.50 2.07 0.00	39.50 2.34 0.00	42.38 2.85 0.00	41.40 2.56 0.00	39.02 2.10 0.00	37.52 1.96 0.00	35.62 1.89 0.00	31.34 1.44 0.00	31.48 1.38 0.00
KCE_NY_1 323755	32.87 1.53 0.00	30.09 1.43 0.00	28.89 1.38 0.00	28.14 1.31 0.00	28.33 1.27 0.00	31.28 1.52 0.00	37.86 1.80 0.00	40.65 2.52 0.00	41.03 2.68 0.00	39.66 2.17 0.00	39.26 2.12 0.00	38.36 2.03 0.00	36.63 1.88 0.00	36.69 1.78 0.00	35.61 1.73 0.00	36.19 1.76 0.00	39.21 2.04 0.00	41.91 2.37 0.00	41.08 2.25 0.00	38.87 1.96 0.00	37.48 1.92 0.00	35.45 1.72 0.00	31.37 1.46 0.00	31.51 1.41 0.00
KCE_NY_6_ESR 323823	29.95 -1.38 0.00	26.99 -1.66 0.00	25.83 -1.68 0.00	25.27 -1.56 0.00	25.65 -1.41 0.00	28.16 -1.61 0.00	34.40 -1.66 0.00	35.58 -2.55 0.00	35.32 -3.03 0.00	34.83 -2.66 0.00	34.02 -3.12 0.00	33.49 -2.83 0.00	32.08 -2.68 0.00	32.68 -2.24 0.00	31.71 -2.17 0.00	32.27 -2.17 0.00	35.45 -1.71 0.00	37.95 -1.58 0.00	37.36 -1.48 0.00	34.59 -2.32 0.00	33.43 -2.13 0.00	31.74 -1.99 0.00	28.74 -1.17 0.00	29.10 -0.99 0.00
KEDC_PORT_JEFF_GT2 24210	36.69 2.54 -2.82	33.28 2.35 -2.28	31.39 2.34 -1.54	30.08 2.28 -0.98	30.04 2.27 -0.71	33.92 2.50 -1.66	43.00 3.32 -3.63	49.37 4.42 -6.81	49.04 4.45 -6.24	42.08 3.60 -0.99	43.10 3.79 -2.16	39.74 3.41 0.00	39.56 3.34 -1.47	39.60 3.32 -1.37	40.42 3.32 -3.22	39.62 3.20 -1.98	42.22 3.68 -1.38	53.52 4.35 -9.63	51.03 4.04 -8.16	44.79 3.43 -4.44	41.35 3.20 -2.59	38.56 3.00 -1.83	37.55 2.45 -5.19	32.38 2.29 0.00
KEDC_PORT_JEFF_GT3 24211	36.69 2.54 -2.82	33.28 2.35 -2.28	31.39 2.34 -1.54	30.08 2.28 -0.98	30.04 2.27 -0.71	33.92 2.50 -1.66	43.00 3.32 -3.63	49.37 4.42 -6.81	49.04 4.45 -6.24	42.08 3.60 -0.99	43.10 3.79 -2.16	39.74 3.41 0.00	39.56 3.34 -1.47	39.60 3.32 -1.37	40.42 3.32 -3.22	39.62 3.20 -1.98	42.22 3.68 -1.38	53.52 4.35 -9.63	51.03 4.04 -8.16	44.79 3.43 -4.44	41.35 3.20 -2.59	38.56 3.00 -1.83	37.55 2.45 -5.19	32.38 2.29 0.00
KEDC_GLWD_GT4 24219	36.34 2.19 -2.82	32.94 2.01 -2.28	31.01 1.95 -1.54	29.73 1.93 -0.98	29.66 1.89 -0.71	33.56 2.14 -1.66	42.42 2.74 -3.63	48.80 3.85 -6.81	48.50 3.91 -6.24	41.66 3.18 -0.99	42.54 3.23 -2.16	39.41 3.09 0.00	39.25 3.02 -1.47	39.25 2.97 -1.37	39.95 2.85 -3.22	39.24 2.82 -1.98	41.77 3.23 -1.38	52.57 3.40 -9.63	50.10 3.11 -8.16	44.16 2.80 -4.44	40.82 2.67 -2.59	38.16 2.60 -1.83	37.19 2.09 -5.19	32.08 1.99 0.00
KEDC_GLWD_GT5 24220	36.34 2.19 -2.82	32.94 2.01 -2.28	31.01 1.95 -1.54	29.73 1.93 -0.98	29.66 1.89 -0.71	33.56 2.14 -1.66	42.42 2.74 -3.63	48.80 3.85 -6.81	48.50 3.91 -6.24	41.66 3.18 -0.99	42.54 3.23 -2.16	39.41 3.09 0.00	39.25 3.02 -1.47	39.25 2.97 -1.37	39.95 2.85 -3.22	39.24 2.82 -1.98	41.77 3.23 -1.38	52.57 3.40 -9.63	50.10 3.11 -8.16	44.16 2.80 -4.44	40.82 2.67 -2.59	38.16 2.60 -1.83	37.19 2.09 -5.19	32.08 1.99 0.00
KENSICO____ 23655	32.84 1.50 0.00	30.06 1.40 0.00	28.89 1.38 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.25 1.49 0.00	37.97 1.91 0.00	40.84 2.71 0.00	41.26 2.91 0.00	39.81 2.32 0.00	39.52 2.38 0.00	38.62 2.29 0.00	36.95 2.19 0.00	37.11 2.20 0.00	35.91 2.03 0.00	36.43 2.00 0.00	39.47 2.30 0.00	42.30 2.77 0.00	41.32 2.49 0.00	38.98 2.07 0.00	37.45 1.88 0.00	35.56 1.82 0.00	31.31 1.41 0.00	31.45 1.35 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.96 1.63 0.00	30.14 1.49 0.00	29.00 1.49 0.00	28.30 1.48 0.00	28.43 1.38 0.00	31.37 1.61 0.00	38.26 2.20 0.00	40.84 2.71 0.00	41.30 2.95 0.00	39.78 2.29 0.00	39.45 2.30 0.00	38.51 2.18 0.00	36.49 1.74 0.00	36.66 1.75 0.00	35.51 1.63 0.00	36.05 1.62 0.00	39.17 2.01 0.00	42.11 2.57 0.00	41.05 2.21 0.00	38.69 1.77 0.00	37.48 1.92 0.00	35.69 1.96 0.00	31.40 1.50 0.00	31.48 1.38 0.00

KIAC_JFK_GT1 23816	32.84 1.50 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.19 1.37 0.00	28.33 1.27 0.00	31.28 1.52 0.00	38.19 2.13 0.00	41.22 3.09 0.00	41.72 3.37 0.00	40.23 2.74 0.00	39.97 2.82 0.00	39.05 2.72 0.00	37.40 2.64 0.00	37.56 2.65 0.00	36.39 2.51 0.00	36.88 2.44 0.00	40.00 2.82 -0.02	42.91 3.36 -0.02	41.88 3.03 -0.02	39.57 2.66 0.00	37.88 2.31 0.00	35.89 2.16 0.00	31.52 1.61 0.00	31.60 1.50 0.00
KIAC_JFK_GT2 23817	32.84 1.50 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.19 1.37 0.00	28.33 1.27 0.00	31.28 1.52 0.00	38.19 2.13 0.00	41.22 3.09 0.00	41.72 3.37 0.00	40.23 2.74 0.00	39.97 2.82 0.00	39.05 2.72 0.00	37.40 2.64 0.00	37.56 2.65 0.00	36.39 2.51 0.00	36.88 2.44 0.00	40.00 2.82 -0.02	42.91 3.36 -0.02	41.88 3.03 -0.02	39.57 2.66 0.00	37.88 2.31 0.00	35.89 2.16 0.00	31.52 1.61 0.00	31.60 1.50 0.00
KIAC_JFK____ 323774	32.84 1.50 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.14 1.31 0.00	28.33 1.27 0.00	31.28 1.52 0.00	38.19 2.13 0.00	41.52 3.39 0.00	41.83 3.49 0.00	40.22 2.74 0.00	39.97 2.82 0.00	39.05 2.73 0.00	37.40 2.64 0.00	37.49 2.58 0.00	36.35 2.47 0.00	36.84 2.41 0.00	40.00 2.82 -0.02	42.91 3.36 -0.02	41.88 3.03 -0.02	39.57 2.66 0.00	37.84 2.28 0.00	35.90 2.16 0.00	31.52 1.61 0.00	31.60 1.50 0.00
KINTIGH____ 23543	29.36 -1.97 0.00	26.53 -2.12 0.00	25.45 -2.06 0.00	24.78 -2.04 0.00	25.21 -1.84 0.00	27.71 -2.05 0.00	33.79 -2.27 0.00	34.70 -3.43 0.00	35.28 -3.07 0.00	34.30 -3.19 0.00	33.62 -3.53 0.00	33.02 -3.31 0.00	31.63 -3.13 0.00	31.80 -3.11 0.00	31.24 -2.64 0.00	31.64 -2.79 0.00	34.56 -2.60 0.00	36.81 -2.73 0.00	36.39 -2.45 0.00	33.85 -3.06 0.00	32.40 -3.17 0.00	31.07 -2.67 0.00	28.05 -1.85 0.00	28.32 -1.78 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.05 0.72 0.00	29.37 0.72 0.00	28.15 0.63 0.00	27.44 0.62 0.00	27.68 0.62 0.00	30.42 0.65 0.00	36.28 0.22 0.00	38.17 0.04 0.00	38.19 -0.15 0.00	37.71 0.22 0.00	37.55 0.41 0.00	36.65 0.33 0.00	35.14 0.38 0.00	35.33 0.42 0.00	34.39 0.51 0.00	35.19 0.76 0.00	37.94 0.78 0.00	39.97 0.43 0.00	39.38 0.54 0.00	37.98 1.07 0.00	36.63 1.07 0.00	34.61 0.88 0.00	30.89 0.99 0.00	31.54 1.44 0.00
LACHUTE____HYDRO 323717	33.74 2.41 0.00	30.86 2.21 0.00	29.63 2.12 0.00	28.78 1.96 0.00	28.98 1.92 0.00	32.20 2.44 0.00	39.09 3.03 0.00	42.10 3.97 0.00	42.68 4.33 0.00	41.12 3.64 0.00	40.71 3.57 0.00	39.82 3.49 0.00	37.78 3.02 0.00	37.81 2.90 0.00	36.76 2.88 0.00	37.33 2.89 0.00	40.66 3.49 0.00	43.57 4.03 0.00	42.80 3.96 0.00	40.57 3.66 0.00	39.05 3.49 0.00	36.70 2.97 0.00	32.50 2.60 0.00	32.53 2.44 0.00
LAWRNCV_115KV_TB1 80681	30.86 -0.47 0.00	28.42 -0.23 0.00	27.27 -0.25 0.00	26.58 -0.24 0.00	26.84 -0.22 0.00	29.53 -0.24 0.00	35.77 -0.29 0.00	37.83 -0.31 0.00	37.77 -0.58 0.00	37.38 -0.11 0.00	37.14 0.00 0.00	36.33 0.00 0.00	34.79 0.03 0.00	34.98 0.07 0.00	33.98 0.10 0.00	34.43 0.00 0.00	36.72 -0.45 0.00	38.51 -1.03 0.00	37.94 -0.89 0.00	36.54 -0.37 0.00	35.24 -0.32 0.00	33.30 -0.44 0.00	29.78 -0.12 0.00	30.18 0.09 0.00
LEDERLE____ 23769	32.80 1.47 0.00	30.00 1.35 0.00	28.83 1.32 0.00	28.16 1.34 0.00	28.33 1.27 0.00	31.22 1.46 0.00	37.97 1.91 0.00	40.80 2.67 0.00	41.26 2.91 0.00	39.78 2.29 0.00	39.48 2.34 0.00	38.54 2.22 0.00	36.88 2.12 0.00	37.04 2.13 0.00	35.85 1.97 0.00	36.40 1.96 0.00	39.39 2.23 0.00	42.26 2.73 0.00	41.28 2.45 0.00	38.94 2.03 0.00	37.41 1.85 0.00	35.52 1.79 0.00	31.28 1.38 0.00	31.39 1.29 0.00
LIGHTHSE_115KV_TB6 355974	30.39 -0.94 0.00	27.71 -0.95 0.00	26.61 -0.91 0.00	25.91 -0.91 0.00	26.19 -0.87 0.00	28.87 -0.89 0.00	35.16 -0.90 0.00	37.14 -0.99 0.00	37.39 -0.96 0.00	36.48 -1.01 0.00	36.14 -1.00 0.00	35.38 -0.94 0.00	33.82 -0.94 0.00	33.97 -0.94 0.00	33.03 -0.85 0.00	33.57 -0.86 0.00	36.38 -0.78 0.00	38.98 -0.55 0.00	38.25 -0.58 0.00	36.10 -0.81 0.00	34.75 -0.82 0.00	32.89 -0.84 0.00	29.13 -0.78 0.00	29.28 -0.81 0.00
LINDEN COGEN____ 23786	32.68 1.35 0.00	29.91 1.26 0.01	28.77 1.27 0.01	28.06 1.23 0.00	28.24 1.19 0.00	31.13 1.37 0.00	37.90 1.84 0.00	41.18 3.05 0.00	41.45 3.10 0.00	39.85 2.36 0.00	39.60 2.45 0.00	38.69 2.36 0.00	37.05 2.29 0.00	37.15 2.24 0.00	36.02 2.14 0.00	36.50 2.07 0.00	39.63 2.45 -0.02	42.40 2.85 -0.02	41.37 2.52 -0.02	39.09 2.18 0.00	37.41 1.85 0.00	35.59 1.85 0.00	31.31 1.41 0.00	31.39 1.29 0.00
LINDHRST_69_KV_BK1 356055	36.72 2.57 -2.82	33.28 2.35 -2.28	31.34 2.28 -1.54	30.08 2.28 -0.98	29.98 2.22 -0.71	33.92 2.50 -1.66	42.93 3.25 -3.63	49.06 4.12 -6.81	48.92 4.33 -6.24	42.11 3.64 -0.99	43.02 3.71 -2.16	39.82 3.49 0.00	39.63 3.41 -1.47	39.70 3.42 -1.37	40.39 3.29 -3.22	39.69 3.27 -1.98	42.26 3.72 -1.38	53.52 4.35 -9.63	51.03 4.04 -8.16	44.86 3.51 -4.44	41.39 3.24 -2.59	38.60 3.04 -1.83	37.55 2.45 -5.19	32.41 2.32 0.00
LIPA_MISC_IPP 23656	36.53 2.38 -2.82	33.17 2.23 -2.28	31.28 2.23 -1.54	30.11 2.31 -0.98	29.98 2.22 -0.71	33.80 2.38 -1.66	42.89 3.21 -3.63	48.95 4.00 -6.81	48.85 4.26 -6.24	41.93 3.45 -0.99	43.06 3.75 -2.16	39.56 3.23 0.00	39.39 3.16 -1.47	39.46 3.18 -1.37	40.32 3.22 -3.22	39.44 3.03 -1.98	41.96 3.42 -1.38	53.28 4.11 -9.63	50.84 3.84 -8.16	44.57 3.21 -4.44	41.28 3.13 -2.59	38.39 2.83 -1.83	37.40 2.30 -5.19	32.26 2.17 0.00
LISF__SOLAR 323691	36.59 2.45 -2.82	33.23 2.29 -2.28	31.33 2.28 -1.54	30.05 2.25 -0.98	29.98 2.22 -0.71	33.86 2.44 -1.66	42.97 3.28 -3.63	49.29 4.35 -6.81	48.96 4.37 -6.24	41.92 3.45 -0.99	43.10 3.79 -2.16	39.60 3.27 0.00	39.42 3.20 -1.47	39.46 3.18 -1.37	40.39 3.29 -3.22	39.51 3.10 -1.98	42.03 3.49 -1.38	53.36 4.19 -9.63	50.91 3.92 -8.16	44.61 3.25 -4.44	41.31 3.16 -2.59	38.46 2.90 -1.83	37.43 2.33 -5.19	32.29 2.20 0.00
LITTLE FALLS____HYD 24013	32.05 0.72 0.00	29.28 0.63 0.00	28.12 0.61 0.00	27.41 0.59 0.00	27.65 0.60 0.00	30.39 0.63 0.00	36.82 0.76 0.00	38.93 0.80 0.00	39.19 0.84 0.00	38.20 0.71 0.00	37.81 0.67 0.00	36.98 0.65 0.00	35.35 0.59 0.00	35.50 0.59 0.00	34.49 0.61 0.00	35.05 0.62 0.00	37.91 0.74 0.00	40.56 1.03 0.00	39.77 0.93 0.00	37.69 0.78 0.00	36.31 0.75 0.00	34.48 0.74 0.00	30.56 0.66 0.00	30.73 0.63 0.00
LITTLRIV_115KV_TB1 356100	31.21 -0.13 0.00	28.71 0.06 0.00	27.54 0.03 0.00	26.85 0.03 0.00	27.11 0.05 0.00	29.85 0.09 0.00	36.24 0.18 0.00	38.36 0.23 0.00	38.31 -0.04 0.00	37.94 0.45 0.00	37.70 0.56 0.00	36.87 0.54 0.00	35.35 0.59 0.00	35.54 0.63 0.00	34.53 0.64 0.00	34.99 0.55 0.00	37.24 0.07 0.00	39.10 -0.43 0.00	38.52 -0.31 0.00	37.10 0.18 0.00	35.78 0.21 0.00	33.77 0.03 0.00	30.20 0.30 0.00	30.55 0.45 0.00

LI_NEWBRDGE___DRP 323616	36.09 1.94 -2.82	32.71 1.78 -2.28	30.81 1.76 -1.54	29.54 1.74 -0.98	29.44 1.68 -0.71	33.32 1.90 -1.66	42.10 2.42 -3.63	48.15 3.20 -6.81	48.04 3.45 -6.24	41.33 2.85 -0.99	42.17 2.86 -2.16	39.05 2.72 0.00	38.90 2.68 -1.47	38.93 2.65 -1.37	39.61 2.51 -3.22	38.89 2.48 -1.98	41.36 2.82 -1.38	52.49 3.32 -9.63	50.02 3.03 -8.16	43.94 2.58 -4.44	40.53 2.38 -2.59	37.85 2.29 -1.83	36.92 1.82 -5.19	31.84 1.75 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.39 -1.94 0.00	26.48 -2.18 0.00	25.37 -2.15 0.00	24.70 -2.12 0.00	25.16 -1.89 0.00	27.65 -2.11 0.00	33.72 -2.34 0.00	34.39 -3.74 0.00	35.01 -3.34 0.00	34.04 -3.45 0.00	33.24 -3.90 0.00	32.73 -3.60 0.00	31.32 -3.44 0.00	31.52 -3.39 0.00	31.07 -2.81 0.00	31.47 -2.96 0.00	34.52 -2.64 0.00	36.77 -2.77 0.00	36.39 -2.45 0.00	33.70 -3.21 0.00	32.22 -3.34 0.00	30.93 -2.80 0.00	28.05 -1.85 0.00	28.38 -1.72 0.00
LOCKPORT___CC1 323769	29.33 -2.01 0.00	26.47 -2.18 0.00	25.34 -2.17 0.00	24.78 -2.04 0.00	25.19 -1.87 0.00	27.62 -2.14 0.00	33.72 -2.34 0.00	34.70 -3.43 0.00	34.51 -3.83 0.00	34.04 -3.45 0.00	33.25 -3.90 0.00	32.73 -3.60 0.00	31.31 -3.44 0.00	31.91 -3.00 0.00	30.97 -2.91 0.00	31.51 -2.93 0.00	34.56 -2.60 0.00	37.00 -2.53 0.00	36.39 -2.45 0.00	33.74 -3.17 0.00	32.61 -2.95 0.00	30.97 -2.77 0.00	28.05 -1.85 0.00	28.38 -1.71 0.00
LOCKPORT___CC2 323770	29.33 -2.01 0.00	26.47 -2.18 0.00	25.34 -2.17 0.00	24.78 -2.04 0.00	25.19 -1.87 0.00	27.62 -2.14 0.00	33.72 -2.34 0.00	34.70 -3.43 0.00	34.51 -3.83 0.00	34.04 -3.45 0.00	33.25 -3.90 0.00	32.73 -3.60 0.00	31.31 -3.44 0.00	31.91 -3.00 0.00	30.97 -2.91 0.00	31.51 -2.93 0.00	34.56 -2.60 0.00	37.00 -2.53 0.00	36.39 -2.45 0.00	33.74 -3.17 0.00	32.61 -2.95 0.00	30.97 -2.77 0.00	28.05 -1.85 0.00	28.38 -1.71 0.00
LOCKPORT___CC3 323771	29.33 -2.01 0.00	26.47 -2.18 0.00	25.34 -2.17 0.00	24.78 -2.04 0.00	25.19 -1.87 0.00	27.62 -2.14 0.00	33.72 -2.34 0.00	34.70 -3.43 0.00	34.51 -3.83 0.00	34.04 -3.45 0.00	33.25 -3.90 0.00	32.73 -3.60 0.00	31.31 -3.44 0.00	31.91 -3.00 0.00	30.97 -2.91 0.00	31.51 -2.93 0.00	34.56 -2.60 0.00	37.00 -2.53 0.00	36.39 -2.45 0.00	33.74 -3.17 0.00	32.61 -2.95 0.00	30.97 -2.77 0.00	28.05 -1.85 0.00	28.38 -1.71 0.00
LONG_LAKE_PHOENIX 24014	30.52 -0.81 0.00	27.82 -0.83 0.00	26.74 -0.77 0.00	26.02 -0.80 0.00	26.30 -0.76 0.00	28.96 -0.80 0.00	35.19 -0.87 0.00	37.10 -1.03 0.00	37.43 -0.92 0.00	36.48 -1.01 0.00	36.14 -1.00 0.00	35.38 -0.94 0.00	33.82 -0.94 0.00	33.97 -0.94 0.00	33.03 -0.85 0.00	33.54 -0.90 0.00	36.31 -0.85 0.00	38.78 -0.75 0.00	38.10 -0.74 0.00	35.92 -1.00 0.00	34.57 -1.00 0.00	32.82 -0.91 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00
LOVETT___3 23632	32.68 1.35 0.00	29.89 1.23 0.00	28.72 1.21 0.00	28.06 1.23 0.00	28.24 1.19 0.00	31.10 1.34 0.00	37.79 1.73 0.00	40.57 2.44 0.00	41.03 2.68 0.00	39.59 2.10 0.00	39.26 2.12 0.00	38.36 2.03 0.00	36.74 1.98 0.00	36.87 1.96 0.00	35.71 1.83 0.00	36.22 1.79 0.00	39.21 2.04 0.00	42.03 2.49 0.00	41.05 2.21 0.00	38.76 1.85 0.00	37.24 1.67 0.00	35.35 1.62 0.00	31.16 1.26 0.00	31.27 1.17 0.00
LOVETT___4 23642	32.68 1.35 0.00	29.89 1.23 0.00	28.72 1.21 0.00	28.06 1.23 0.00	28.24 1.19 0.00	31.10 1.34 0.00	37.79 1.73 0.00	40.57 2.44 0.00	41.03 2.68 0.00	39.59 2.10 0.00	39.26 2.12 0.00	38.36 2.03 0.00	36.74 1.98 0.00	36.87 1.96 0.00	35.71 1.83 0.00	36.22 1.79 0.00	39.21 2.04 0.00	42.03 2.49 0.00	41.05 2.21 0.00	38.76 1.85 0.00	37.24 1.67 0.00	35.35 1.62 0.00	31.16 1.26 0.00	31.27 1.17 0.00
LOVETT___5 23593	32.68 1.35 0.00	29.89 1.23 0.00	28.72 1.21 0.00	28.06 1.23 0.00	28.24 1.19 0.00	31.10 1.34 0.00	37.79 1.73 0.00	40.57 2.44 0.00	41.03 2.68 0.00	39.59 2.10 0.00	39.26 2.12 0.00	38.36 2.03 0.00	36.74 1.98 0.00	36.87 1.96 0.00	35.71 1.83 0.00	36.22 1.79 0.00	39.21 2.04 0.00	42.03 2.49 0.00	41.05 2.21 0.00	38.76 1.85 0.00	37.24 1.67 0.00	35.35 1.62 0.00	31.16 1.26 0.00	31.27 1.17 0.00
LOWER RAQUET___HYD 24057	30.70 -0.63 0.00	28.28 -0.37 0.00	27.13 -0.39 0.00	26.45 -0.38 0.00	26.70 -0.35 0.00	29.38 -0.39 0.00	35.66 -0.40 0.00	37.52 -0.61 0.00	37.77 -0.57 0.00	37.34 -0.15 0.00	37.07 -0.07 0.00	36.29 -0.04 0.00	34.76 0.00 0.00	34.91 0.00 0.00	33.95 0.07 0.00	34.40 -0.03 0.00	36.57 -0.60 0.00	38.31 -1.23 0.00	37.79 -1.05 0.00	36.40 -0.52 0.00	35.10 -0.46 0.00	33.16 -0.57 0.00	29.66 -0.24 0.00	30.06 -0.03 0.00
LOWER___HUDSON 24059	32.55 1.22 0.00	29.77 1.12 0.00	28.59 1.07 0.00	27.87 1.05 0.00	28.08 1.03 0.00	30.92 1.16 0.00	37.39 1.33 0.00	40.15 2.02 0.00	40.45 2.11 0.00	39.14 1.65 0.00	38.70 1.56 0.00	37.82 1.49 0.00	36.18 1.43 0.00	36.27 1.36 0.00	35.14 1.25 0.00	35.74 1.31 0.00	38.61 1.45 0.00	41.32 1.78 0.00	40.43 1.59 0.00	38.20 1.29 0.00	36.88 1.32 0.00	34.95 1.21 0.00	30.92 1.02 0.00	31.09 0.99 0.00
LOWVILLE_115KV_TB2 356335	30.86 -0.47 0.00	28.11 -0.54 0.00	26.96 -0.55 0.00	26.26 -0.56 0.00	26.54 -0.51 0.00	29.32 -0.45 0.00	35.77 -0.29 0.00	37.86 -0.27 0.00	38.00 -0.35 0.00	37.15 -0.34 0.00	36.85 -0.30 0.00	36.04 -0.29 0.00	34.41 -0.35 0.00	34.56 -0.35 0.00	33.78 -0.10 0.00	34.40 -0.03 0.00	37.24 0.07 0.00	40.17 0.63 0.00	39.42 0.58 0.00	37.28 0.37 0.00	35.92 0.36 0.00	33.94 0.20 0.00	30.05 0.15 0.00	30.24 0.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.87 1.54 0.00	30.06 1.40 0.00	28.86 1.35 0.00	28.11 1.29 0.00	28.30 1.24 0.00	31.25 1.49 0.00	37.86 1.80 0.00	40.46 2.33 0.00	40.95 2.61 0.00	39.63 2.14 0.00	39.22 2.08 0.00	38.36 2.03 0.00	36.60 1.84 0.00	36.73 1.82 0.00	35.58 1.69 0.00	36.19 1.76 0.00	39.17 2.01 0.00	41.87 2.33 0.00	41.05 2.21 0.00	38.83 1.92 0.00	37.48 1.92 0.00	35.42 1.69 0.00	31.37 1.47 0.00	31.51 1.41 0.00
LUTHERNY_35_KV_BK2 355980	32.87 1.54 0.00	30.09 1.43 0.00	28.89 1.38 0.00	28.14 1.31 0.00	28.33 1.27 0.00	31.28 1.52 0.00	37.86 1.80 0.00	40.50 2.36 0.00	40.99 2.65 0.00	39.66 2.17 0.00	39.26 2.12 0.00	38.36 2.03 0.00	36.63 1.88 0.00	36.73 1.82 0.00	35.58 1.69 0.00	36.19 1.76 0.00	39.17 2.01 0.00	41.91 2.37 0.00	41.09 2.25 0.00	38.87 1.96 0.00	37.52 1.96 0.00	35.45 1.72 0.00	31.37 1.47 0.00	31.51 1.41 0.00
LWR___OSWEGATCHIE_HYD 23850	30.42 -0.91 0.00	27.85 -0.80 0.00	26.74 -0.77 0.00	26.04 -0.78 0.00	26.30 -0.76 0.00	28.99 -0.77 0.00	35.30 -0.76 0.00	37.41 -0.72 0.00	37.46 -0.88 0.00	36.85 -0.64 0.00	36.59 -0.56 0.00	35.78 -0.54 0.00	34.20 -0.56 0.00	34.39 -0.52 0.00	33.47 -0.41 0.00	33.99 -0.45 0.00	36.49 -0.67 0.00	38.78 -0.75 0.00	38.10 -0.74 0.00	36.40 -0.52 0.00	35.07 -0.50 0.00	33.13 -0.61 0.00	29.45 -0.45 0.00	29.76 -0.33 0.00

LYONS_FALL_HYD 23570	31.33 0.00 0.00	28.57 -0.09 0.00	27.40 -0.11 0.00	26.69 -0.13 0.00	26.97 -0.08 0.00	29.76 0.00 0.00	36.28 0.22 0.00	38.43 0.30 0.00	38.58 0.23 0.00	37.68 0.19 0.00	37.37 0.22 0.00	36.55 0.22 0.00	34.90 0.14 0.00	35.05 0.14 0.00	34.19 0.30 0.00	34.74 0.31 0.00	37.64 0.48 0.00	40.48 0.95 0.00	39.73 0.89 0.00	37.54 0.63 0.00	36.21 0.64 0.00	34.21 0.47 0.00	30.29 0.39 0.00	30.46 0.36 0.00
MADISON___COUNTY_LFGE 323628	32.02 0.69 0.00	29.23 0.57 0.00	28.06 0.55 0.00	27.33 0.51 0.00	27.62 0.57 0.00	30.48 0.71 0.00	37.14 1.08 0.00	39.20 1.07 0.00	39.50 1.15 0.00	38.43 0.94 0.00	38.11 0.97 0.00	37.31 0.98 0.00	35.62 0.87 0.00	35.75 0.84 0.00	34.80 0.91 0.00	35.36 0.93 0.00	38.31 1.15 0.00	41.04 1.50 0.00	40.23 1.40 0.00	37.95 1.03 0.00	36.56 1.00 0.00	34.61 0.88 0.00	30.62 0.72 0.00	30.82 0.72 0.00
MALONE___115KV_TB1 356076	31.71 0.38 0.00	29.11 0.46 0.00	27.90 0.39 0.00	27.20 0.38 0.00	27.43 0.38 0.00	30.18 0.42 0.00	36.24 0.18 0.00	38.21 0.08 0.00	38.19 -0.15 0.00	37.75 0.26 0.00	37.55 0.41 0.00	36.65 0.33 0.00	35.10 0.35 0.00	35.30 0.38 0.00	34.36 0.47 0.00	35.05 0.62 0.00	37.65 0.48 0.00	39.58 0.04 0.00	39.03 0.19 0.00	37.65 0.74 0.00	36.31 0.75 0.00	34.31 0.57 0.00	30.62 0.72 0.00	31.12 1.02 0.00
MAPLEWOD_115KV_TB3 80458	32.52 1.19 0.00	29.74 1.09 0.00	28.56 1.05 0.00	27.84 1.02 0.00	28.05 1.00 0.00	30.92 1.16 0.00	37.36 1.30 0.00	39.96 1.83 0.00	40.42 2.07 0.00	39.10 1.61 0.00	38.70 1.56 0.00	37.82 1.49 0.00	36.15 1.39 0.00	36.31 1.40 0.00	34.86 0.98 0.00	35.47 1.03 0.00	38.28 1.11 0.00	40.96 1.42 0.00	40.08 1.24 0.00	37.87 0.96 0.00	36.60 1.03 0.00	34.61 0.88 0.00	30.65 0.75 0.00	30.82 0.72 0.00
MAPLE_RIDGE_WT_1 323574	30.70 -0.63 0.00	28.11 -0.55 0.00	26.96 -0.55 0.00	26.26 -0.56 0.00	26.48 -0.57 0.00	29.11 -0.65 0.00	35.23 -0.83 0.00	37.10 -1.03 0.00	37.35 -1.00 0.00	36.70 -0.79 0.00	36.40 -0.74 0.00	35.64 -0.69 0.00	34.13 -0.62 0.00	34.32 -0.59 0.00	33.37 -0.51 0.00	34.02 -0.41 0.00	36.68 -0.48 0.00	38.94 -0.59 0.00	38.33 -0.51 0.00	36.66 -0.26 0.00	35.35 -0.21 0.00	33.57 -0.17 0.00	29.84 -0.06 0.00	30.09 0.00 0.00
MAPLE_RIDGE_WT_2 323611	30.70 -0.63 0.00	28.11 -0.55 0.00	26.96 -0.55 0.00	26.26 -0.56 0.00	26.48 -0.57 0.00	29.11 -0.65 0.00	35.23 -0.83 0.00	37.10 -1.03 0.00	37.35 -1.00 0.00	36.70 -0.79 0.00	36.40 -0.74 0.00	35.64 -0.69 0.00	34.13 -0.62 0.00	34.32 -0.59 0.00	33.37 -0.51 0.00	34.02 -0.41 0.00	36.68 -0.48 0.00	38.94 -0.59 0.00	38.33 -0.51 0.00	36.66 -0.26 0.00	35.35 -0.21 0.00	33.57 -0.17 0.00	29.84 -0.06 0.00	30.09 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	31.49 0.16 0.00	28.88 0.23 0.00	27.71 0.19 0.00	26.98 0.16 0.00	27.22 0.16 0.00	29.88 0.12 0.00	35.73 -0.33 0.00	37.37 -0.76 0.00	37.69 -0.65 0.00	37.23 -0.26 0.00	37.03 -0.11 0.00	36.18 -0.14 0.00	34.65 -0.10 0.00	34.84 -0.07 0.00	33.95 0.07 0.00	34.68 0.24 0.00	37.35 0.19 0.00	39.30 -0.24 0.00	38.79 -0.04 0.00	37.39 0.48 0.00	36.10 0.53 0.00	34.14 0.41 0.00	30.47 0.57 0.00	31.06 0.96 0.00
MARSHVLE_115KV_TB1 80742	33.02 1.69 0.00	30.23 1.58 0.00	29.00 1.49 0.00	28.24 1.42 0.00	28.49 1.43 0.00	31.55 1.79 0.00	38.44 2.38 0.00	40.76 2.63 0.00	41.18 2.84 0.00	39.81 2.32 0.00	39.37 2.23 0.00	38.47 2.14 0.00	36.70 1.95 0.00	36.83 1.92 0.00	35.74 1.86 0.00	36.40 1.96 0.00	39.36 2.19 0.00	42.22 2.69 0.00	41.44 2.60 0.00	39.05 2.14 0.00	37.56 1.99 0.00	35.79 2.06 0.00	31.64 1.73 0.00	31.69 1.59 0.00
MARSH_HILL_WT_PWR 323713	31.05 -0.28 0.00	28.08 -0.57 0.00	26.85 -0.66 0.00	26.21 -0.62 0.00	26.57 -0.49 0.00	29.23 -0.53 0.00	35.77 -0.29 0.00	37.48 -0.65 0.00	37.39 -0.96 0.00	36.63 -0.86 0.00	36.10 -1.04 0.00	35.49 -0.83 0.00	33.99 -0.76 0.00	34.42 -0.49 0.00	33.51 -0.37 0.00	34.12 -0.31 0.00	37.39 0.22 0.00	40.05 0.51 0.00	39.42 0.58 0.00	36.69 -0.22 0.00	35.39 -0.18 0.00	33.57 -0.17 0.00	30.08 0.18 0.00	30.40 0.30 0.00
MCINTYRE_115KV_TB2 80467	31.58 0.25 0.00	29.08 0.43 0.00	27.87 0.36 0.00	27.17 0.35 0.00	27.43 0.38 0.00	30.21 0.45 0.00	36.56 0.50 0.00	38.67 0.53 0.00	38.58 0.23 0.00	38.24 0.75 0.00	38.00 0.85 0.00	37.13 0.80 0.00	35.56 0.80 0.00	35.75 0.84 0.00	34.76 0.88 0.00	35.23 0.79 0.00	37.65 0.48 0.00	39.54 0.00 0.00	38.95 0.12 0.00	37.54 0.63 0.00	36.20 0.64 0.00	34.17 0.44 0.00	30.56 0.66 0.00	30.85 0.75 0.00
MECO_____69_KV_BK1 80468	34.40 3.07 0.00	31.49 2.84 0.00	30.18 2.67 0.00	29.34 2.52 0.00	29.57 2.52 0.00	32.86 3.10 0.00	40.06 4.00 0.00	42.55 4.42 0.00	43.06 4.72 0.00	41.46 3.97 0.00	40.97 3.83 0.00	40.00 3.67 0.00	38.02 3.27 0.00	38.19 3.28 0.00	37.17 3.29 0.00	37.95 3.51 0.00	41.29 4.13 0.00	44.32 4.78 0.00	43.53 4.70 0.00	40.97 4.06 0.00	39.41 3.84 0.00	37.28 3.54 0.00	32.98 3.08 0.00	32.89 2.80 0.00
MENANDS___115KV_TB5 355628	32.15 0.81 0.00	29.34 0.69 0.00	28.20 0.69 0.00	27.49 0.67 0.00	27.68 0.62 0.00	30.48 0.71 0.00	36.78 0.72 0.00	39.35 1.22 0.00	39.80 1.46 0.00	38.54 1.05 0.00	38.15 1.00 0.00	37.27 0.94 0.00	35.66 0.90 0.00	35.78 0.87 0.00	34.66 0.78 0.00	35.26 0.83 0.00	38.02 0.85 0.00	40.68 1.15 0.00	39.84 1.01 0.00	37.65 0.74 0.00	36.38 0.82 0.00	34.44 0.71 0.00	30.50 0.60 0.00	30.67 0.57 0.00
MG INDUSTRY___DRP 24185	32.24 0.91 0.00	29.48 0.83 0.00	28.31 0.80 0.00	27.60 0.78 0.00	27.78 0.73 0.00	30.60 0.83 0.00	36.92 0.87 0.00	39.39 1.26 0.00	39.80 1.46 0.00	38.58 1.09 0.00	38.18 1.04 0.00	37.35 1.02 0.00	35.69 0.94 0.00	35.85 0.94 0.00	34.73 0.85 0.00	35.29 0.86 0.00	38.09 0.93 0.00	40.68 1.15 0.00	39.84 1.01 0.00	37.69 0.78 0.00	36.38 0.82 0.00	34.48 0.74 0.00	30.56 0.66 0.00	30.73 0.63 0.00
MID___OSWEGATCHIE_HYD 23849	30.42 -0.91 0.00	27.85 -0.80 0.00	26.74 -0.77 0.00	26.04 -0.78 0.00	26.30 -0.76 0.00	28.99 -0.77 0.00	35.30 -0.76 0.00	37.41 -0.72 0.00	37.46 -0.88 0.00	36.85 -0.64 0.00	36.59 -0.56 0.00	35.78 -0.54 0.00	34.20 -0.56 0.00	34.39 -0.52 0.00	33.47 -0.41 0.00	33.99 -0.45 0.00	36.49 -0.67 0.00	38.78 -0.75 0.00	38.10 -0.74 0.00	36.40 -0.52 0.00	35.07 -0.50 0.00	33.13 -0.61 0.00	29.45 -0.45 0.00	29.76 -0.33 0.00
MID___RAQUETTE_HYD 23851	30.70 -0.63 0.00	28.28 -0.37 0.00	27.13 -0.39 0.00	26.45 -0.38 0.00	26.70 -0.35 0.00	29.38 -0.39 0.00	35.66 -0.40 0.00	37.79 -0.34 0.00	37.73 -0.61 0.00	37.34 -0.15 0.00	37.07 -0.07 0.00	36.29 -0.04 0.00	34.76 0.00 0.00	34.95 0.03 0.00	33.95 0.07 0.00	34.40 -0.03 0.00	36.57 -0.59 0.00	38.35 -1.19 0.00	37.78 -1.05 0.00	36.40 -0.52 0.00	35.10 -0.46 0.00	33.16 -0.57 0.00	29.66 -0.24 0.00	30.06 -0.03 0.00

MILLIKEN___1 23584	31.86 0.53 0.00	29.03 0.37 0.00	27.87 0.36 0.00	27.14 0.32 0.00	27.46 0.41 0.00	30.27 0.51 0.00	36.89 0.83 0.00	38.86 0.72 0.00	39.23 0.88 0.00	38.13 0.64 0.00	37.74 0.59 0.00	36.98 0.65 0.00	35.35 0.59 0.00	35.47 0.56 0.00	34.53 0.64 0.00	35.09 0.65 0.00	38.09 0.93 0.00	40.80 1.27 0.00	40.08 1.24 0.00	37.65 0.74 0.00	36.20 0.64 0.00	34.34 0.61 0.00	30.44 0.54 0.00	30.61 0.51 0.00
MILLIKEN___2 23585	31.86 0.53 0.00	29.03 0.37 0.00	27.87 0.36 0.00	27.14 0.32 0.00	27.46 0.41 0.00	30.27 0.51 0.00	36.89 0.83 0.00	38.86 0.72 0.00	39.23 0.88 0.00	38.13 0.64 0.00	37.74 0.59 0.00	36.98 0.65 0.00	35.35 0.59 0.00	35.47 0.56 0.00	34.53 0.64 0.00	35.09 0.65 0.00	38.09 0.93 0.00	40.80 1.27 0.00	40.08 1.24 0.00	37.65 0.74 0.00	36.20 0.64 0.00	34.34 0.61 0.00	30.44 0.54 0.00	30.61 0.51 0.00
MILLIKEN___DIESEL 23629	31.86 0.53 0.00	29.03 0.37 0.00	27.87 0.36 0.00	27.14 0.32 0.00	27.46 0.41 0.00	30.27 0.51 0.00	36.89 0.83 0.00	38.86 0.72 0.00	39.23 0.88 0.00	38.13 0.64 0.00	37.74 0.59 0.00	36.98 0.65 0.00	35.35 0.59 0.00	35.47 0.56 0.00	34.53 0.64 0.00	35.09 0.65 0.00	38.09 0.93 0.00	40.80 1.27 0.00	40.08 1.24 0.00	37.65 0.74 0.00	36.20 0.64 0.00	34.34 0.61 0.00	30.44 0.54 0.00	30.61 0.51 0.00
MILLSEAT___LFGE 323607	29.89 -1.44 0.00	26.99 -1.66 0.00	25.83 -1.68 0.00	25.24 -1.58 0.00	25.65 -1.41 0.00	28.18 -1.58 0.00	34.44 -1.62 0.00	35.58 -2.55 0.00	35.43 -2.92 0.00	34.98 -2.51 0.00	34.17 -2.97 0.00	33.57 -2.76 0.00	32.15 -2.61 0.00	32.71 -2.20 0.00	31.71 -2.17 0.00	32.30 -2.13 0.00	35.45 -1.71 0.00	37.95 -1.58 0.00	37.36 -1.48 0.00	34.62 -2.29 0.00	33.43 -2.13 0.00	31.71 -2.02 0.00	28.62 -1.28 0.00	28.89 -1.20 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.80 1.47 0.00	30.00 1.35 0.00	28.83 1.32 0.00	28.16 1.34 0.00	28.33 1.27 0.00	31.19 1.43 0.00	37.90 1.84 0.00	40.72 2.59 0.00	41.18 2.84 0.00	39.74 2.25 0.00	39.45 2.30 0.00	38.54 2.22 0.00	36.88 2.12 0.00	37.04 2.13 0.00	35.85 1.97 0.00	36.36 1.93 0.00	39.39 2.23 0.00	42.22 2.69 0.00	41.24 2.41 0.00	38.91 1.99 0.00	37.38 1.81 0.00	35.49 1.75 0.00	31.25 1.35 0.00	31.39 1.29 0.00
MILLWOOD_13_KV_LOAD 356217	32.87 1.54 0.00	30.06 1.40 0.00	28.92 1.40 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.25 1.49 0.00	37.97 1.91 0.00	40.84 2.71 0.00	41.30 2.95 0.00	39.85 2.36 0.00	39.56 2.41 0.00	38.65 2.32 0.00	36.98 2.22 0.00	37.11 2.20 0.00	35.95 2.07 0.00	36.47 2.03 0.00	39.47 2.30 0.00	42.34 2.81 0.00	41.36 2.52 0.00	39.02 2.10 0.00	37.45 1.88 0.00	35.56 1.82 0.00	31.31 1.41 0.00	31.45 1.35 0.00
MODEL_CITY_ENERGY 24167	28.98 -2.35 0.00	26.19 -2.46 0.00	25.04 -2.48 0.00	24.49 -2.33 0.00	24.92 -2.14 0.00	27.35 -2.41 0.00	33.28 -2.78 0.00	34.24 -3.89 0.00	34.05 -4.29 0.00	33.63 -3.86 0.00	32.80 -4.35 0.00	32.29 -4.03 0.00	30.93 -3.82 0.00	31.49 -3.42 0.00	30.56 -3.32 0.00	31.09 -3.34 0.00	34.12 -3.05 0.00	36.49 -3.04 0.00	35.88 -2.95 0.00	33.30 -3.62 0.00	32.18 -3.38 0.00	30.56 -3.17 0.00	27.69 -2.21 0.00	28.05 -2.05 0.00
MODERN_LFGE___ 323580	28.98 -2.35 0.00	26.19 -2.46 0.00	25.04 -2.48 0.00	24.49 -2.33 0.00	24.92 -2.14 0.00	27.35 -2.41 0.00	33.28 -2.78 0.00	34.24 -3.89 0.00	34.05 -4.29 0.00	33.63 -3.86 0.00	32.80 -4.35 0.00	32.29 -4.03 0.00	30.93 -3.82 0.00	31.49 -3.42 0.00	30.56 -3.32 0.00	31.09 -3.34 0.00	34.12 -3.05 0.00	36.49 -3.04 0.00	35.88 -2.95 0.00	33.30 -3.62 0.00	32.18 -3.38 0.00	30.56 -3.17 0.00	27.69 -2.21 0.00	28.05 -2.05 0.00
MOHAWK_PAPER___DRP 24187	32.52 1.19 0.00	29.74 1.09 0.00	28.56 1.05 0.00	27.84 1.02 0.00	28.05 1.00 0.00	30.92 1.16 0.00	37.36 1.30 0.00	39.96 1.83 0.00	40.42 2.07 0.00	39.10 1.61 0.00	38.70 1.56 0.00	37.82 1.49 0.00	36.15 1.39 0.00	36.31 1.40 0.00	34.86 0.98 0.00	35.47 1.03 0.00	38.28 1.11 0.00	40.96 1.42 0.00	40.08 1.24 0.00	37.87 0.96 0.00	36.60 1.03 0.00	34.61 0.88 0.00	30.65 0.75 0.00	30.82 0.72 0.00
MOHICAN__35_KV_115KV_LD 80490	32.93 1.60 0.00	30.12 1.46 0.00	28.92 1.40 0.00	28.16 1.34 0.00	28.35 1.30 0.00	31.37 1.61 0.00	38.04 1.98 0.00	40.72 2.59 0.00	41.26 2.91 0.00	39.89 2.40 0.00	39.48 2.34 0.00	38.62 2.29 0.00	36.77 2.02 0.00	36.87 1.96 0.00	35.74 1.86 0.00	36.33 1.89 0.00	39.50 2.34 0.00	42.30 2.77 0.00	41.51 2.68 0.00	39.39 2.47 0.00	37.98 2.42 0.00	35.83 2.09 0.00	31.70 1.79 0.00	31.81 1.72 0.00
MONGAUP___HYD 23641	32.52 1.19 0.00	29.74 1.09 0.00	28.59 1.07 0.00	27.87 1.05 0.00	28.06 1.00 0.00	30.96 1.19 0.00	37.72 1.66 0.00	40.38 2.25 0.00	40.65 2.30 0.00	39.10 1.61 0.00	38.78 1.63 0.00	37.85 1.53 0.00	36.15 1.39 0.00	36.27 1.36 0.00	35.24 1.36 0.00	35.78 1.34 0.00	38.91 1.75 0.00	41.75 2.21 0.00	40.77 1.94 0.00	38.43 1.51 0.00	36.92 1.35 0.00	35.15 1.42 0.00	30.98 1.07 0.00	31.06 0.96 0.00
MONTAUK___DIESEL 23721	37.66 3.51 -2.82	34.20 3.27 -2.28	32.27 3.22 -1.54	31.05 3.25 -0.98	30.93 3.17 -0.71	34.87 3.45 -1.66	44.37 4.69 -3.63	50.48 5.53 -6.81	50.42 5.83 -6.24	43.31 4.84 -0.99	44.51 5.20 -2.16	40.87 4.54 0.00	40.67 4.45 -1.47	40.75 4.47 -1.37	41.64 4.54 -3.22	40.72 4.30 -1.98	43.44 4.91 -1.38	54.94 5.77 -9.63	52.51 5.51 -8.16	46.08 4.72 -4.44	42.67 4.52 -2.59	39.64 4.08 -1.83	38.48 3.38 -5.19	33.31 3.22 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.33 -1.00 0.00	27.25 -1.40 0.00	26.03 -1.49 0.00	25.40 -1.42 0.00	25.78 -1.27 0.00	28.33 -1.43 0.00	34.83 -1.23 0.00	35.77 -2.36 0.00	36.20 -2.15 0.00	35.32 -2.17 0.00	33.99 -3.16 0.00	33.46 -2.87 0.00	32.08 -2.68 0.00	32.40 -2.51 0.00	32.05 -1.83 0.00	32.57 -1.86 0.00	35.94 -1.23 0.00	38.51 -1.03 0.00	38.17 -0.66 0.00	35.22 -1.70 0.00	33.79 -1.78 0.00	32.49 -1.25 0.00	29.45 -0.45 0.00	29.88 -0.21 0.00
MORTIMER_115KV_TB3 55949	30.20 -1.13 0.00	27.39 -1.26 0.00	26.25 -1.27 0.00	25.54 -1.29 0.00	25.94 -1.11 0.00	28.54 -1.22 0.00	34.83 -1.23 0.00	36.15 -1.98 0.00	36.70 -1.65 0.00	35.76 -1.72 0.00	35.18 -1.97 0.00	34.51 -1.82 0.00	32.98 -1.77 0.00	33.17 -1.75 0.00	32.46 -1.42 0.00	32.92 -1.52 0.00	35.90 -1.26 0.00	38.23 -1.30 0.00	37.71 -1.13 0.00	35.25 -1.66 0.00	33.79 -1.78 0.00	32.25 -1.48 0.00	28.89 -1.02 0.00	29.07 -1.02 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.41 1.35 0.00	31.31 1.55 0.00	38.08 2.02 0.00	41.03 2.90 0.00	41.49 3.14 0.00	40.04 2.55 0.00	39.74 2.60 0.00	38.87 2.54 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.57 2.72 -0.02	39.24 2.33 0.00	37.66 2.10 0.00	35.72 1.99 0.00	31.43 1.53 0.00	31.57 1.47 0.00

MUNSVILLE_WIND_PWR 323609	34.09 2.76 0.00	31.03 2.38 0.00	29.77 2.26 0.00	28.97 2.15 0.00	29.33 2.27 0.00	32.41 2.65 0.00	39.88 3.82 0.00	42.29 4.16 0.00	42.30 3.95 0.00	41.17 3.68 0.00	40.71 3.57 0.00	40.11 3.78 0.00	38.23 3.48 0.00	38.33 3.42 0.00	37.27 3.39 0.00	37.84 3.41 0.00	41.36 4.20 0.00	44.67 5.14 0.00	43.77 4.93 0.00	40.90 3.99 0.00	39.48 3.91 0.00	37.14 3.41 0.00	32.89 2.99 0.00	33.05 2.95 0.00
N SALMON___HYD 24042	31.71 0.38 0.00	29.11 0.46 0.00	27.90 0.39 0.00	27.20 0.38 0.00	27.43 0.38 0.00	30.18 0.42 0.00	36.24 0.18 0.00	37.94 -0.19 0.00	38.27 -0.08 0.00	37.75 0.26 0.00	37.55 0.41 0.00	36.65 0.33 0.00	35.10 0.35 0.00	35.30 0.38 0.00	34.36 0.47 0.00	35.05 0.62 0.00	37.64 0.48 0.00	39.54 0.00 0.00	39.03 0.20 0.00	37.65 0.74 0.00	36.31 0.75 0.00	34.31 0.57 0.00	30.62 0.72 0.00	31.12 1.02 0.00
N.AKRON___115KV_KNAPP 355671	29.95 -1.38 0.00	26.99 -1.66 0.00	25.86 -1.65 0.00	25.19 -1.64 0.00	25.62 -1.43 0.00	28.19 -1.58 0.00	34.44 -1.62 0.00	35.27 -2.86 0.00	35.89 -2.45 0.00	34.94 -2.55 0.00	34.17 -2.97 0.00	33.57 -2.76 0.00	32.11 -2.64 0.00	32.33 -2.58 0.00	31.81 -2.07 0.00	32.23 -2.20 0.00	35.38 -1.78 0.00	37.68 -1.86 0.00	37.28 -1.55 0.00	34.55 -2.36 0.00	33.04 -2.53 0.00	31.68 -2.06 0.00	28.62 -1.29 0.00	28.92 -1.17 0.00
N.BELMOR_69_KV_BK1 55787	36.37 2.22 -2.82	32.97 2.03 -2.28	31.03 1.98 -1.54	29.76 1.96 -0.98	29.69 1.92 -0.71	33.56 2.14 -1.66	42.46 2.78 -3.63	48.53 3.58 -6.81	48.42 3.83 -6.24	41.66 3.19 -0.99	42.54 3.23 -2.16	39.42 3.09 0.00	39.21 2.99 -1.47	39.28 3.00 -1.37	39.95 2.85 -3.22	39.24 2.82 -1.98	41.77 3.23 -1.38	52.92 3.76 -9.63	50.45 3.46 -8.16	44.35 2.99 -4.44	40.89 2.74 -2.59	38.19 2.63 -1.83	37.22 2.12 -5.19	32.11 2.02 0.00
N.E_GEN_SANDY PD 24062	33.20 1.41 -0.46	32.10 1.32 -2.13	30.80 1.27 -2.02	30.30 1.23 -2.24	31.60 1.22 -3.33	35.00 1.34 -3.90	41.70 1.55 -4.09	47.20 2.33 -6.74	46.20 2.38 -5.48	39.33 1.84 0.00	38.93 1.78 0.00	38.00 1.67 0.00	36.39 1.63 0.00	36.48 1.57 0.00	35.34 1.46 0.00	36.13 1.48 -0.21	38.55 1.60 0.21	41.80 2.02 -0.25	40.62 1.79 0.00	38.28 1.37 0.00	37.22 1.39 -0.27	35.15 1.42 0.00	31.01 1.11 0.00	31.21 1.11 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.71 1.38 0.00	29.91 1.26 0.00	28.78 1.27 0.00	28.11 1.29 0.00	28.27 1.22 0.00	31.13 1.37 0.00	37.86 1.80 0.00	40.65 2.52 0.00	41.11 2.76 0.00	39.63 2.14 0.00	39.34 2.19 0.00	38.44 2.11 0.00	36.77 2.02 0.00	36.94 2.02 0.00	35.74 1.86 0.00	36.26 1.83 0.00	39.28 2.12 0.00	42.11 2.57 0.00	41.12 2.29 0.00	38.80 1.88 0.00	37.27 1.71 0.00	35.39 1.65 0.00	31.19 1.29 0.00	31.33 1.23 0.00
N.QUEENS_27_KV_LOAD 356247	32.90 1.57 0.00	30.20 1.55 0.00	29.08 1.57 0.00	28.32 1.50 0.00	28.46 1.41 0.00	31.28 1.52 0.00	38.01 1.95 0.00	40.99 2.86 0.00	41.49 3.14 0.00	39.96 2.47 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.71 2.27 0.00	39.93 2.75 -0.02	42.68 3.12 -0.02	41.72 2.87 -0.02	39.31 2.40 0.00	37.66 2.10 0.00	35.83 2.09 0.00	31.46 1.55 0.00	31.78 1.69 0.00
N.TROY___115KV_TB1 355778	32.55 1.22 0.00	29.77 1.12 0.00	28.59 1.07 0.00	27.87 1.05 0.00	28.08 1.03 0.00	30.92 1.16 0.00	37.39 1.33 0.00	40.00 1.87 0.00	40.42 2.07 0.00	39.14 1.65 0.00	38.70 1.56 0.00	37.82 1.49 0.00	36.18 1.42 0.00	36.31 1.40 0.00	35.10 1.22 0.00	35.74 1.31 0.00	38.57 1.41 0.00	41.31 1.78 0.00	40.43 1.59 0.00	38.21 1.29 0.00	36.92 1.35 0.00	34.95 1.21 0.00	30.92 1.02 0.00	31.09 0.99 0.00
NARROWS_GT1_1 24228	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT1_2 24229	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT1_3 24230	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT1_4 24231	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT1_5 24232	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT1_6 24233	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT1_7 24234	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00

NARROWS_GT1_8 24235	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT2_1 24236	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT2_2 24237	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT2_3 24238	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT2_4 24239	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT2_5 24240	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT2_6 24241	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT2_7 24242	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NARROWS_GT2_8 24243	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.17 2.90 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.77 1.44 0.00	29.91 1.26 0.00	28.75 1.24 0.00	28.00 1.18 0.00	28.16 1.11 0.00	31.13 1.37 0.00	37.61 1.55 0.00	40.00 1.87 0.00	40.49 2.15 0.00	39.06 1.57 0.00	38.59 1.45 0.00	37.67 1.34 0.00	35.94 1.18 0.00	36.10 1.19 0.00	35.03 1.15 0.00	35.67 1.24 0.00	38.65 1.49 0.00	41.39 1.86 0.00	40.46 1.63 0.00	38.24 1.33 0.00	36.84 1.28 0.00	34.88 1.15 0.00	31.01 1.11 0.00	31.12 1.02 0.00
NCHELSEA_115KV_TR2 355582	32.99 1.66 0.00	30.20 1.55 0.00	29.03 1.51 0.00	28.32 1.50 0.00	28.46 1.41 0.00	31.37 1.61 0.00	38.15 2.09 0.00	40.80 2.67 0.00	41.26 2.91 0.00	39.81 2.32 0.00	39.48 2.34 0.00	38.54 2.22 0.00	36.84 2.09 0.00	37.01 2.09 0.00	35.81 1.93 0.00	36.40 1.96 0.00	39.43 2.27 0.00	42.30 2.77 0.00	41.32 2.49 0.00	38.94 2.03 0.00	37.48 1.92 0.00	35.62 1.89 0.00	31.37 1.47 0.00	31.48 1.38 0.00
NEG CAPITAL___MECHNVIL 23645	32.93 1.60 0.00	30.11 1.46 0.00	28.92 1.40 0.00	28.16 1.34 0.00	28.38 1.33 0.00	31.31 1.55 0.00	37.93 1.87 0.00	40.73 2.59 0.00	41.11 2.76 0.00	39.74 2.25 0.00	39.34 2.19 0.00	38.43 2.11 0.00	36.67 1.91 0.00	36.76 1.85 0.00	35.68 1.79 0.00	36.26 1.82 0.00	39.24 2.08 0.00	41.99 2.45 0.00	41.12 2.29 0.00	38.91 1.99 0.00	37.48 1.92 0.00	35.49 1.75 0.00	31.40 1.49 0.00	31.54 1.44 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.83 -1.50 0.00	27.08 -1.58 0.00	26.00 -1.51 0.00	25.35 -1.48 0.00	25.65 -1.41 0.00	28.25 -1.52 0.00	34.47 -1.59 0.00	36.11 -2.02 0.00	36.20 -2.15 0.00	35.54 -1.95 0.00	35.03 -2.12 0.00	34.33 -2.00 0.00	32.84 -1.91 0.00	33.20 -1.71 0.00	32.19 -1.69 0.00	32.71 -1.72 0.00	35.64 -1.53 0.00	38.03 -1.50 0.00	37.40 -1.44 0.00	35.03 -1.88 0.00	33.75 -1.81 0.00	31.98 -1.76 0.00	28.53 -1.38 0.00	28.71 -1.38 0.00
NEG CENTRAL___DRP 24199	31.14 -0.19 0.00	28.34 -0.32 0.00	27.18 -0.33 0.00	26.47 -0.35 0.00	26.81 -0.24 0.00	29.55 -0.21 0.00	35.99 -0.07 0.00	37.79 -0.34 0.00	38.19 -0.15 0.00	37.15 -0.34 0.00	36.77 -0.37 0.00	36.04 -0.29 0.00	34.48 -0.28 0.00	34.63 -0.28 0.00	33.75 -0.14 0.00	34.26 -0.17 0.00	37.16 0.00 0.00	39.73 0.20 0.00	39.11 0.27 0.00	36.73 -0.18 0.00	35.32 -0.25 0.00	33.53 -0.20 0.00	29.78 -0.12 0.00	29.97 -0.12 0.00
NEG CENTRAL___INDECK 23768	31.49 0.16 0.00	28.45 -0.20 0.00	27.27 -0.25 0.00	26.55 -0.27 0.00	26.92 -0.13 0.00	29.67 -0.09 0.00	36.42 0.36 0.00	38.02 -0.11 0.00	38.04 -0.31 0.00	37.38 -0.11 0.00	36.62 -0.52 0.00	35.93 -0.40 0.00	34.37 -0.38 0.00	34.77 -0.14 0.00	33.81 -0.07 0.00	34.47 0.03 0.00	37.87 0.70 0.00	40.52 0.99 0.00	39.96 1.13 0.00	37.17 0.26 0.00	35.82 0.25 0.00	33.94 0.20 0.00	30.29 0.39 0.00	30.48 0.39 0.00



NEG CENTRAL___SENECA 23627	31.27 -0.06 0.00	28.40 -0.26 0.00	27.24 -0.28 0.00	26.53 -0.30 0.00	26.89 -0.16 0.00	29.67 -0.09 0.00	36.17 0.11 0.00	37.83 -0.31 0.00	38.27 -0.08 0.00	37.23 -0.26 0.00	36.85 -0.30 0.00	36.15 -0.18 0.00	34.58 -0.17 0.00	34.74 -0.17 0.00	33.92 0.03 0.00	34.40 -0.03 0.00	37.35 0.19 0.00	39.93 0.40 0.00	39.34 0.50 0.00	36.88 -0.04 0.00	35.46 -0.11 0.00	33.70 -0.03 0.00	29.96 0.06 0.00	30.15 0.06 0.00
NEG CENTRAL___STATE_STREET 24147	31.17 -0.16 0.00	28.42 -0.23 0.00	27.29 -0.22 0.00	26.58 -0.24 0.00	26.86 -0.19 0.00	29.64 -0.12 0.00	36.10 0.04 0.00	37.98 -0.15 0.00	38.38 0.04 0.00	37.38 -0.11 0.00	37.00 -0.15 0.00	36.22 -0.11 0.00	34.65 -0.10 0.00	34.81 -0.10 0.00	33.85 -0.03 0.00	34.37 -0.07 0.00	37.27 0.11 0.00	39.85 0.32 0.00	39.14 0.31 0.00	36.84 -0.07 0.00	35.42 -0.14 0.00	33.60 -0.13 0.00	29.78 -0.12 0.00	29.94 -0.15 0.00
NEG MILLWOOD___DRP 24198	33.15 1.82 0.00	30.32 1.66 0.00	29.14 1.62 0.00	28.46 1.64 0.00	28.54 1.49 0.00	31.46 1.70 0.00	38.19 2.13 0.00	41.03 2.90 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.78 2.64 0.00	38.83 2.51 0.00	37.12 2.36 0.00	37.22 2.30 0.00	36.05 2.17 0.00	36.60 2.17 0.00	39.65 2.49 0.00	42.58 3.04 0.00	41.59 2.76 0.00	39.17 2.25 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.46 1.55 0.00	31.57 1.47 0.00
NEG NORTH_FLCN_SEA 23793	31.99 0.66 0.00	29.31 0.66 0.00	28.09 0.58 0.00	27.39 0.56 0.00	27.62 0.57 0.00	30.36 0.60 0.00	36.06 0.00 0.00	37.98 -0.15 0.00	37.96 -0.38 0.00	37.53 0.04 0.00	37.37 0.22 0.00	36.47 0.15 0.00	34.96 0.21 0.00	35.16 0.24 0.00	34.22 0.34 0.00	34.99 0.55 0.00	37.72 0.56 0.00	39.73 0.20 0.00	39.14 0.31 0.00	37.76 0.85 0.00	36.42 0.85 0.00	34.44 0.71 0.00	30.71 0.81 0.00	31.51 1.41 0.00
NEG NORTH_KES_CHATEGAY 23792	31.58 0.25 0.00	28.94 0.29 0.00	27.76 0.25 0.00	27.04 0.21 0.00	27.27 0.22 0.00	29.97 0.21 0.00	35.88 -0.18 0.00	37.75 -0.38 0.00	37.73 -0.61 0.00	37.34 -0.15 0.00	37.11 -0.04 0.00	36.26 -0.07 0.00	34.72 -0.03 0.00	34.91 0.00 0.00	34.02 0.14 0.00	34.78 0.34 0.00	37.50 0.33 0.00	39.46 -0.08 0.00	38.87 0.04 0.00	37.54 0.63 0.00	36.20 0.64 0.00	34.24 0.51 0.00	30.56 0.66 0.00	31.12 1.02 0.00
NEG NORTH___ALICE_FALLS 23915	32.05 0.72 0.00	29.37 0.72 0.00	28.15 0.63 0.00	27.44 0.62 0.00	27.68 0.62 0.00	30.42 0.65 0.00	36.28 0.22 0.00	38.17 0.04 0.00	38.19 -0.15 0.00	37.71 0.22 0.00	37.55 0.41 0.00	36.65 0.33 0.00	35.14 0.38 0.00	35.33 0.42 0.00	34.39 0.51 0.00	35.19 0.76 0.00	37.94 0.78 0.00	39.97 0.43 0.00	39.38 0.54 0.00	37.98 1.07 0.00	36.63 1.07 0.00	34.61 0.88 0.00	30.89 0.99 0.00	31.54 1.44 0.00
NEG NORTH___LWR_SARANAC 23913	32.05 0.72 0.00	29.37 0.72 0.00	28.15 0.63 0.00	27.44 0.62 0.00	27.68 0.62 0.00	30.42 0.65 0.00	36.28 0.22 0.00	38.17 0.04 0.00	38.19 -0.15 0.00	37.71 0.22 0.00	37.55 0.41 0.00	36.65 0.33 0.00	35.14 0.38 0.00	35.33 0.42 0.00	34.39 0.51 0.00	35.19 0.76 0.00	37.94 0.78 0.00	39.97 0.43 0.00	39.38 0.54 0.00	37.98 1.07 0.00	36.63 1.07 0.00	34.61 0.88 0.00	30.89 0.99 0.00	31.54 1.44 0.00
NEG NORTH___PLATTSBURG 23628	32.05 0.72 0.00	29.37 0.72 0.00	28.15 0.63 0.00	27.44 0.62 0.00	27.68 0.62 0.00	30.42 0.65 0.00	36.28 0.22 0.00	37.90 -0.23 0.00	38.23 -0.11 0.00	37.72 0.23 0.00	37.55 0.41 0.00	36.65 0.33 0.00	35.14 0.38 0.00	35.33 0.42 0.00	34.39 0.51 0.00	35.19 0.76 0.00	37.94 0.78 0.00	39.93 0.40 0.00	39.38 0.54 0.00	37.98 1.07 0.00	36.63 1.07 0.00	34.61 0.88 0.00	30.89 0.99 0.00	31.54 1.44 0.00
NEG WEST_LEA_LOCKPORT 23791	29.39 -1.94 0.00	26.48 -2.18 0.00	25.37 -2.15 0.00	24.70 -2.12 0.00	25.16 -1.89 0.00	27.62 -2.14 0.00	33.72 -2.34 0.00	34.39 -3.74 0.00	34.97 -3.37 0.00	34.00 -3.49 0.00	33.24 -3.90 0.00	32.73 -3.60 0.00	31.32 -3.44 0.00	31.52 -3.39 0.00	31.07 -2.81 0.00	31.47 -2.96 0.00	34.49 -2.68 0.00	36.73 -2.81 0.00	36.35 -2.49 0.00	33.67 -3.25 0.00	32.19 -3.38 0.00	30.93 -2.80 0.00	28.05 -1.85 0.00	28.38 -1.72 0.00
NEG WEST___LANCASTR 23811	30.45 -0.88 0.00	27.45 -1.20 0.00	26.28 -1.24 0.00	25.64 -1.18 0.00	26.08 -0.97 0.00	28.63 -1.13 0.00	35.01 -1.05 0.00	35.92 -2.21 0.00	36.43 -1.92 0.00	35.43 -2.06 0.00	34.69 -2.45 0.00	34.15 -2.18 0.00	32.67 -2.09 0.00	32.92 -1.99 0.00	32.39 -1.49 0.00	32.78 -1.65 0.00	35.94 -1.23 0.00	38.43 -1.11 0.00	37.98 -0.85 0.00	35.10 -1.81 0.00	33.61 -1.96 0.00	32.25 -1.48 0.00	29.16 -0.75 0.00	29.58 -0.51 0.00
NEG_PENN_ALLEGHNY 23528	31.55 0.22 0.00	28.74 0.09 0.00	27.60 0.08 0.00	26.93 0.11 0.00	27.22 0.16 0.00	29.94 0.18 0.00	36.49 0.43 0.00	38.59 0.46 0.00	38.69 0.34 0.00	37.72 0.23 0.00	37.29 0.15 0.00	36.55 0.22 0.00	34.93 0.17 0.00	35.16 0.25 0.00	34.15 0.27 0.00	34.68 0.24 0.00	37.64 0.48 0.00	40.25 0.71 0.00	39.49 0.66 0.00	37.10 0.19 0.00	35.74 0.18 0.00	33.90 0.17 0.00	30.11 0.21 0.00	30.33 0.24 0.00
NEG___GEN_MONROE 24207	30.45 -0.88 0.00	27.62 -1.03 0.00	26.44 -1.07 0.00	25.70 -1.13 0.00	26.11 -0.95 0.00	28.75 -1.01 0.00	34.98 -1.08 0.00	36.15 -1.98 0.00	36.73 -1.61 0.00	35.80 -1.69 0.00	35.10 -2.04 0.00	34.37 -1.96 0.00	32.88 -1.88 0.00	33.03 -1.89 0.00	32.36 -1.52 0.00	32.82 -1.62 0.00	35.79 -1.38 0.00	38.11 -1.42 0.00	37.67 -1.16 0.00	35.18 -1.73 0.00	33.68 -1.88 0.00	32.15 -1.59 0.00	28.80 -1.11 0.00	29.13 -0.96 0.00
NEPA___ENERGY 23901	30.14 -1.19 0.00	27.16 -1.49 0.00	26.03 -1.49 0.00	25.43 -1.39 0.00	25.86 -1.19 0.00	28.36 -1.40 0.00	34.69 -1.37 0.00	35.65 -2.48 0.00	36.16 -2.19 0.00	35.13 -2.36 0.00	34.36 -2.79 0.00	33.79 -2.54 0.00	32.36 -2.40 0.00	32.61 -2.30 0.00	32.05 -1.83 0.00	32.47 -1.96 0.00	35.56 -1.60 0.00	38.07 -1.46 0.00	37.59 -1.24 0.00	34.81 -2.10 0.00	33.29 -2.28 0.00	31.98 -1.75 0.00	28.92 -0.99 0.00	29.31 -0.78 0.00
NEVERSINK___HYD 23608	32.68 1.35 0.00	29.89 1.23 0.00	28.75 1.24 0.00	28.03 1.21 0.00	28.19 1.14 0.00	31.10 1.34 0.00	37.93 1.87 0.00	40.69 2.56 0.00	40.99 2.64 0.00	39.40 1.91 0.00	39.11 1.97 0.00	38.18 1.85 0.00	35.45 0.69 0.00	35.54 0.63 0.00	34.49 0.61 0.00	34.98 0.55 0.00	38.05 0.89 0.00	40.88 1.34 0.00	39.84 1.01 0.00	37.54 0.63 0.00	37.17 1.60 0.00	35.39 1.65 0.00	31.16 1.26 0.00	31.24 1.14 0.00
NEWKRMKL_115KV_TB1 55635	31.99 0.66 0.00	29.20 0.54 0.00	28.04 0.52 0.00	27.33 0.51 0.00	27.54 0.49 0.00	30.33 0.57 0.00	36.60 0.54 0.00	39.16 1.03 0.00	39.61 1.27 0.00	38.39 0.90 0.00	38.00 0.85 0.00	37.13 0.80 0.00	35.49 0.73 0.00	35.64 0.73 0.00	34.53 0.64 0.00	35.09 0.65 0.00	37.87 0.71 0.00	40.48 0.95 0.00	39.61 0.78 0.00	37.47 0.55 0.00	36.17 0.60 0.00	34.24 0.51 0.00	30.32 0.42 0.00	30.49 0.39 0.00

NEWTON___FALLS_HYD 23847	30.42 -0.91 0.00	27.85 -0.80 0.00	26.74 -0.77 0.00	26.04 -0.78 0.00	26.30 -0.76 0.00	28.99 -0.77 0.00	35.30 -0.76 0.00	37.41 -0.72 0.00	37.46 -0.88 0.00	36.85 -0.64 0.00	36.59 -0.56 0.00	35.78 -0.54 0.00	34.20 -0.56 0.00	34.39 -0.52 0.00	33.47 -0.41 0.00	33.99 -0.45 0.00	36.49 -0.67 0.00	38.78 -0.75 0.00	38.10 -0.74 0.00	36.40 -0.52 0.00	35.07 -0.50 0.00	33.13 -0.61 0.00	29.45 -0.45 0.00	29.76 -0.33 0.00
NGRID_A1_DSASP 323792	28.79 -2.54 0.00	25.87 -2.78 0.00	24.87 -2.64 0.00	24.38 -2.44 0.00	24.62 -2.43 0.00	27.00 -2.77 0.00	32.92 -3.14 0.00	33.82 -4.31 0.00	33.63 -4.72 0.00	33.21 -4.27 0.00	32.39 -4.75 0.00	31.89 -4.43 0.00	30.55 -4.21 0.00	31.11 -3.80 0.00	30.19 -3.69 0.00	30.71 -3.72 0.00	33.63 -3.53 0.00	36.02 -3.52 0.00	35.38 -3.46 0.00	32.85 -4.06 0.00	31.76 -3.80 0.00	30.16 -3.58 0.00	27.36 -2.54 0.00	27.72 -2.38 0.00
NGRID_A2_DSASP 323793	28.79 -2.54 0.00	25.87 -2.78 0.00	24.87 -2.64 0.00	24.38 -2.44 0.00	24.62 -2.43 0.00	27.00 -2.77 0.00	32.92 -3.14 0.00	33.82 -4.31 0.00	33.63 -4.72 0.00	33.21 -4.27 0.00	32.39 -4.75 0.00	31.89 -4.43 0.00	30.55 -4.21 0.00	31.11 -3.80 0.00	30.19 -3.69 0.00	30.71 -3.72 0.00	33.63 -3.53 0.00	36.02 -3.52 0.00	35.38 -3.46 0.00	32.85 -4.06 0.00	31.76 -3.80 0.00	30.16 -3.58 0.00	27.36 -2.54 0.00	27.72 -2.38 0.00
NGRID_A4_DSASP 323807	28.79 -2.54 0.00	25.87 -2.78 0.00	24.87 -2.64 0.00	24.38 -2.44 0.00	24.62 -2.43 0.00	27.00 -2.77 0.00	32.92 -3.14 0.00	33.82 -4.31 0.00	33.63 -4.72 0.00	33.21 -4.27 0.00	32.39 -4.75 0.00	31.89 -4.43 0.00	30.55 -4.21 0.00	31.11 -3.80 0.00	30.19 -3.69 0.00	30.71 -3.72 0.00	33.63 -3.53 0.00	36.02 -3.52 0.00	35.38 -3.46 0.00	32.85 -4.06 0.00	31.76 -3.80 0.00	30.16 -3.58 0.00	27.36 -2.54 0.00	27.72 -2.38 0.00
NIAGARA_115E_LBMP 323715	28.79 -2.54 0.00	26.05 -2.61 0.00	24.87 -2.64 0.00	24.36 -2.47 0.00	24.78 -2.27 0.00	27.17 -2.59 0.00	33.07 -2.99 0.00	33.98 -4.16 0.00	33.78 -4.56 0.00	33.37 -4.12 0.00	32.54 -4.61 0.00	32.04 -4.29 0.00	30.69 -4.07 0.00	31.25 -3.67 0.00	30.32 -3.56 0.00	30.85 -3.58 0.00	33.82 -3.34 0.00	36.21 -3.32 0.00	35.57 -3.26 0.00	33.04 -3.88 0.00	31.94 -3.63 0.00	30.33 -3.41 0.00	27.48 -2.42 0.00	27.84 -2.26 0.00
NIAGARA_115W_LBMP 323714	28.73 -2.60 0.00	25.82 -2.84 0.00	24.82 -2.70 0.00	24.33 -2.49 0.00	24.54 -2.52 0.00	26.94 -2.83 0.00	32.85 -3.21 0.00	33.75 -4.38 0.00	33.55 -4.79 0.00	33.10 -4.39 0.00	32.32 -4.83 0.00	31.82 -4.51 0.00	30.45 -4.31 0.00	31.03 -3.88 0.00	30.09 -3.79 0.00	30.61 -3.82 0.00	33.56 -3.60 0.00	35.90 -3.64 0.00	35.26 -3.57 0.00	32.78 -4.13 0.00	31.69 -3.88 0.00	30.09 -3.64 0.00	27.30 -2.60 0.00	27.66 -2.44 0.00
NIAGARA_230_LBMP 323716	29.11 -2.22 0.00	26.25 -2.41 0.00	25.18 -2.34 0.00	24.65 -2.17 0.00	25.00 -2.06 0.00	27.41 -2.35 0.00	33.43 -2.63 0.00	34.36 -3.78 0.00	34.20 -4.14 0.00	33.74 -3.75 0.00	32.95 -4.20 0.00	32.40 -3.92 0.00	31.04 -3.72 0.00	31.59 -3.32 0.00	30.63 -3.25 0.00	31.16 -3.27 0.00	34.12 -3.05 0.00	36.53 -3.01 0.00	35.88 -2.95 0.00	33.37 -3.54 0.00	32.22 -3.34 0.00	30.63 -3.10 0.00	27.75 -2.15 0.00	28.11 -1.99 0.00
NIAGARA___115KV_198_GIBSON 55903	28.61 -2.73 0.00	25.82 -2.84 0.00	24.74 -2.78 0.00	24.09 -2.74 0.00	24.54 -2.52 0.00	26.94 -2.83 0.00	32.85 -3.21 0.00	33.44 -4.69 0.00	34.05 -4.29 0.00	33.07 -4.42 0.00	32.32 -4.83 0.00	31.82 -4.50 0.00	30.45 -4.31 0.00	30.65 -4.26 0.00	30.19 -3.69 0.00	30.58 -3.86 0.00	33.48 -3.68 0.00	35.62 -3.91 0.00	35.26 -3.57 0.00	32.71 -4.21 0.00	31.26 -4.30 0.00	30.06 -3.68 0.00	27.30 -2.60 0.00	27.66 -2.44 0.00
NIAGARA____ 23760	29.11 -2.22 0.00	26.25 -2.41 0.00	25.18 -2.34 0.00	24.65 -2.17 0.00	25.00 -2.06 0.00	27.41 -2.35 0.00	33.43 -2.63 0.00	34.36 -3.78 0.00	34.20 -4.14 0.00	33.74 -3.75 0.00	32.95 -4.20 0.00	32.40 -3.92 0.00	31.04 -3.72 0.00	31.59 -3.32 0.00	30.63 -3.25 0.00	31.16 -3.27 0.00	34.12 -3.05 0.00	36.53 -3.01 0.00	35.88 -2.95 0.00	33.37 -3.54 0.00	32.22 -3.34 0.00	30.63 -3.10 0.00	27.75 -2.15 0.00	28.11 -1.99 0.00
NINE_MILE_1 23575	30.14 -1.19 0.00	27.54 -1.12 0.00	26.41 -1.10 0.00	25.75 -1.07 0.00	26.00 -1.06 0.00	28.60 -1.16 0.00	34.73 -1.33 0.00	36.72 -1.41 0.00	36.89 -1.46 0.00	36.03 -1.46 0.00	35.66 -1.49 0.00	34.91 -1.42 0.00	33.40 -1.36 0.00	33.58 -1.33 0.00	32.59 -1.29 0.00	33.13 -1.31 0.00	35.83 -1.34 0.00	38.27 -1.27 0.00	37.55 -1.28 0.00	35.51 -1.40 0.00	34.21 -1.35 0.00	32.42 -1.32 0.00	28.77 -1.14 0.00	28.92 -1.17 0.00
NINE_MILE_2 23744	30.14 -1.19 0.00	27.54 -1.12 0.00	26.44 -1.07 0.00	25.75 -1.07 0.00	26.00 -1.06 0.00	28.60 -1.16 0.00	34.73 -1.33 0.00	36.72 -1.41 0.00	36.89 -1.46 0.00	36.03 -1.46 0.00	35.66 -1.49 0.00	34.91 -1.42 0.00	33.40 -1.36 0.00	33.58 -1.33 0.00	32.59 -1.29 0.00	33.13 -1.31 0.00	35.83 -1.34 0.00	38.27 -1.27 0.00	37.55 -1.28 0.00	35.51 -1.40 0.00	34.21 -1.35 0.00	32.42 -1.32 0.00	28.77 -1.14 0.00	28.92 -1.17 0.00
NM_CAPITAL___DRP 24208	32.05 0.72 0.00	29.26 0.60 0.00	28.12 0.61 0.00	27.41 0.59 0.00	27.60 0.54 0.00	30.39 0.63 0.00	36.67 0.61 0.00	39.24 1.11 0.00	39.69 1.34 0.00	38.43 0.94 0.00	38.04 0.89 0.00	37.16 0.84 0.00	35.56 0.80 0.00	35.68 0.77 0.00	34.56 0.68 0.00	35.16 0.72 0.00	37.91 0.74 0.00	40.56 1.03 0.00	39.73 0.89 0.00	37.54 0.63 0.00	36.28 0.71 0.00	34.34 0.61 0.00	30.41 0.51 0.00	30.58 0.48 0.00
NM_CENTRAL___DRP 24181	30.80 -0.53 0.00	28.11 -0.54 0.00	26.99 -0.52 0.00	26.29 -0.54 0.00	26.57 -0.49 0.00	29.23 -0.54 0.00	35.48 -0.58 0.00	37.41 -0.72 0.00	37.73 -0.61 0.00	36.78 -0.71 0.00	36.44 -0.71 0.00	35.67 -0.65 0.00	34.13 -0.63 0.00	34.25 -0.66 0.00	33.31 -0.58 0.00	33.81 -0.62 0.00	36.61 -0.56 0.00	39.10 -0.43 0.00	38.41 -0.43 0.00	36.21 -0.70 0.00	34.82 -0.75 0.00	33.06 -0.67 0.00	29.30 -0.60 0.00	29.46 -0.63 0.00
NM_FRONTIER___DRP 24179	28.61 -2.73 0.00	25.82 -2.84 0.00	24.74 -2.78 0.00	24.09 -2.74 0.00	24.54 -2.52 0.00	26.94 -2.83 0.00	32.85 -3.21 0.00	33.44 -4.69 0.00	34.05 -4.29 0.00	33.07 -4.42 0.00	32.32 -4.83 0.00	31.82 -4.50 0.00	30.45 -4.31 0.00	30.65 -4.26 0.00	30.19 -3.69 0.00	30.58 -3.86 0.00	33.48 -3.68 0.00	35.62 -3.91 0.00	35.26 -3.57 0.00	32.71 -4.21 0.00	31.26 -4.30 0.00	30.06 -3.68 0.00	27.30 -2.60 0.00	27.66 -2.44 0.00
NM_ST_REGIS___HYD 24053	30.92 -0.41 0.00	28.45 -0.20 0.00	27.29 -0.22 0.00	26.61 -0.21 0.00	26.86 -0.19 0.00	29.55 -0.21 0.00	35.77 -0.29 0.00	37.86 -0.27 0.00	37.81 -0.54 0.00	37.41 -0.07 0.00	37.18 0.04 0.00	36.36 0.04 0.00	34.86 0.10 0.00	35.02 0.10 0.00	34.05 0.17 0.00	34.57 0.14 0.00	36.87 -0.30 0.00	38.67 -0.87 0.00	38.10 -0.74 0.00	36.73 -0.18 0.00	35.42 -0.14 0.00	33.46 -0.27 0.00	29.90 0.00 0.00	30.33 0.24 0.00

NORTHPORT___1 23551	36.56 2.41 -2.82	33.20 2.26 -2.28	31.28 2.23 -1.54	30.02 2.23 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.79 3.10 -3.63	49.18 4.23 -6.81	48.77 4.18 -6.24	41.85 3.38 -0.99	42.80 3.49 -2.16	39.56 3.23 0.00	39.39 3.16 -1.47	39.42 3.14 -1.37	40.15 3.05 -3.22	39.45 3.03 -1.98	42.00 3.46 -1.38	53.16 3.99 -9.63	50.64 3.65 -8.16	44.53 3.18 -4.44	41.10 2.95 -2.59	38.39 2.83 -1.83	37.40 2.30 -5.19	32.26 2.17 0.00
NORTHPORT___2 23552	36.56 2.41 -2.82	33.20 2.26 -2.28	31.28 2.23 -1.54	30.02 2.23 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.79 3.10 -3.63	49.18 4.23 -6.81	48.77 4.18 -6.24	41.85 3.38 -0.99	42.80 3.49 -2.16	39.56 3.23 0.00	39.39 3.16 -1.47	39.42 3.14 -1.37	40.15 3.05 -3.22	39.45 3.03 -1.98	42.00 3.46 -1.38	53.16 3.99 -9.63	50.64 3.65 -8.16	44.53 3.18 -4.44	41.10 2.95 -2.59	38.39 2.83 -1.83	37.40 2.30 -5.19	32.26 2.17 0.00
NORTHPORT___3 23553	36.06 1.91 -2.82	32.68 1.75 -2.28	30.76 1.71 -1.54	29.49 1.69 -0.98	29.42 1.65 -0.71	33.27 1.85 -1.66	41.70 2.02 -3.63	48.00 3.05 -6.81	47.66 3.07 -6.24	41.03 2.55 -0.99	41.76 2.45 -2.16	38.76 2.43 0.00	38.62 2.40 -1.47	38.62 2.34 -1.37	39.27 2.17 -3.22	38.62 2.21 -1.98	40.95 2.41 -1.38	52.05 2.88 -9.63	49.60 2.60 -8.16	43.53 2.18 -4.44	40.07 1.92 -2.59	37.69 2.13 -1.83	36.86 1.76 -5.19	31.78 1.68 0.00
NORTHPORT___4 23650	36.06 1.91 -2.82	32.68 1.75 -2.28	30.76 1.71 -1.54	29.49 1.69 -0.98	29.42 1.65 -0.71	33.27 1.85 -1.66	41.70 2.02 -3.63	48.00 3.05 -6.81	47.66 3.07 -6.24	41.03 2.55 -0.99	41.76 2.45 -2.16	38.76 2.43 0.00	38.62 2.40 -1.47	38.62 2.34 -1.37	39.27 2.17 -3.22	38.62 2.21 -1.98	40.95 2.41 -1.38	52.05 2.88 -9.63	49.60 2.60 -8.16	43.53 2.18 -4.44	40.07 1.92 -2.59	37.69 2.13 -1.83	36.86 1.76 -5.19	31.78 1.68 0.00
NORTHPORT___IC 23718	36.56 2.41 -2.82	33.20 2.26 -2.28	31.28 2.23 -1.54	30.02 2.23 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.79 3.10 -3.63	49.18 4.23 -6.81	48.77 4.18 -6.24	41.85 3.38 -0.99	42.80 3.49 -2.16	39.56 3.23 0.00	39.39 3.16 -1.47	39.42 3.14 -1.37	40.15 3.05 -3.22	39.45 3.03 -1.98	42.00 3.46 -1.38	53.16 3.99 -9.63	50.64 3.65 -8.16	44.53 3.18 -4.44	41.10 2.95 -2.59	38.39 2.83 -1.83	37.40 2.30 -5.19	32.26 2.17 0.00
NORTH___COUNTRY_ESR 323785	31.46 0.13 0.00	28.83 0.17 0.00	27.65 0.14 0.00	26.96 0.13 0.00	27.16 0.11 0.00	29.85 0.09 0.00	35.73 -0.33 0.00	37.37 -0.76 0.00	37.66 -0.69 0.00	37.23 -0.26 0.00	37.03 -0.11 0.00	36.18 -0.14 0.00	34.65 -0.10 0.00	34.84 -0.07 0.00	33.92 0.03 0.00	34.68 0.24 0.00	37.31 0.15 0.00	39.26 -0.27 0.00	38.72 -0.12 0.00	37.39 0.48 0.00	36.06 0.50 0.00	34.14 0.41 0.00	30.44 0.54 0.00	31.00 0.90 0.00
NPX_GEN_1385_PROXY 323591	36.91 2.76 -2.82	33.60 2.67 -2.28	31.69 2.64 -1.54	30.75 2.95 -0.98	30.55 2.79 -0.71	34.31 2.89 -1.66	43.40 3.71 -3.63	49.94 4.99 -6.81	49.07 4.48 -6.24	42.00 3.52 -0.99	42.84 3.53 -2.16	39.71 3.38 0.00	39.53 3.30 -1.47	39.53 3.25 -1.37	40.28 3.18 -3.22	39.90 3.27 -2.19	41.93 3.60 -1.16	53.28 4.11 -9.63	50.53 3.53 -8.16	44.64 3.28 -4.44	41.35 3.20 -2.59	38.63 3.07 -1.83	37.61 2.51 -5.19	32.50 2.41 0.00
NPX_GEN_CSC 323557	36.50 2.35 -2.82	33.14 2.21 -2.28	31.28 2.23 -1.54	30.00 2.20 -0.98	29.93 2.17 -0.71	33.80 2.38 -1.66	42.89 3.21 -3.63	49.18 4.23 -6.81	48.92 4.33 -6.24	41.81 3.34 -0.99	43.10 3.79 -2.16	39.45 3.12 0.00	39.32 3.09 -1.47	39.32 3.04 -1.37	40.32 3.22 -3.22	39.59 2.96 -2.19	41.67 3.35 -1.16	53.16 3.99 -9.63	50.76 3.77 -8.16	44.42 3.06 -4.44	41.24 3.09 -2.59	38.36 2.80 -1.83	37.34 2.24 -5.19	32.20 2.11 0.00
NSINS_S_GLNS_FALLS 23858	32.90 1.57 0.00	30.09 1.43 0.00	28.89 1.38 0.00	28.11 1.29 0.00	28.30 1.24 0.00	31.34 1.58 0.00	38.01 1.95 0.00	40.69 2.55 0.00	41.22 2.88 0.00	39.89 2.40 0.00	39.45 2.30 0.00	38.58 2.25 0.00	36.74 1.98 0.00	36.83 1.92 0.00	35.71 1.83 0.00	36.29 1.86 0.00	39.50 2.34 0.00	42.30 2.77 0.00	41.51 2.68 0.00	39.42 2.51 0.00	37.98 2.42 0.00	35.83 2.09 0.00	31.73 1.82 0.00	31.81 1.72 0.00
NUCOR_STEEL___DRP 24197	31.21 -0.13 0.00	28.45 -0.20 0.00	27.32 -0.19 0.00	26.58 -0.24 0.00	26.89 -0.16 0.00	29.61 -0.15 0.00	36.06 0.00 0.00	37.94 -0.19 0.00	38.31 -0.04 0.00	37.30 -0.19 0.00	36.92 -0.22 0.00	36.15 -0.18 0.00	34.58 -0.17 0.00	34.74 -0.17 0.00	33.78 -0.10 0.00	34.30 -0.14 0.00	37.20 0.04 0.00	39.77 0.24 0.00	39.07 0.23 0.00	36.77 -0.15 0.00	35.39 -0.18 0.00	33.60 -0.13 0.00	29.78 -0.12 0.00	29.94 -0.15 0.00
NUMBER_THREE_WT_PWR 323818	30.80 -0.53 0.00	28.02 -0.63 0.00	26.91 -0.61 0.00	26.21 -0.62 0.00	26.48 -0.57 0.00	29.23 -0.53 0.00	35.66 -0.40 0.00	37.75 -0.38 0.00	37.92 -0.42 0.00	37.08 -0.41 0.00	36.77 -0.37 0.00	35.96 -0.36 0.00	34.34 -0.42 0.00	34.49 -0.42 0.00	33.71 -0.17 0.00	34.33 -0.10 0.00	37.16 0.00 0.00	40.05 0.51 0.00	39.34 0.50 0.00	37.21 0.29 0.00	35.88 0.32 0.00	33.87 0.14 0.00	29.99 0.09 0.00	30.18 0.09 0.00
NYISO_LBMP_REFERENCE 24008	31.33 0.00 0.00	28.65 0.00 0.00	27.51 0.00 0.00	26.82 0.00 0.00	27.05 0.00 0.00	29.76 0.00 0.00	36.06 0.00 0.00	38.13 0.00 0.00	38.35 0.00 0.00	37.49 0.00 0.00	37.14 0.00 0.00	36.33 0.00 0.00	34.76 0.00 0.00	34.91 0.00 0.00	33.88 0.00 0.00	34.43 0.00 0.00	37.16 0.00 0.00	39.54 0.00 0.00	38.83 0.00 0.00	36.91 0.00 0.00	35.56 0.00 0.00	33.73 0.00 0.00	29.90 0.00 0.00	30.09 0.00 0.00
NYPA_BRENTWD___GT 24164	36.81 2.66 -2.82	33.40 2.46 -2.28	31.47 2.42 -1.54	30.19 2.39 -0.98	30.12 2.35 -0.71	34.04 2.62 -1.66	43.11 3.43 -3.63	49.52 4.57 -6.81	49.15 4.56 -6.24	42.23 3.75 -0.99	43.21 3.90 -2.16	39.93 3.60 0.00	39.73 3.51 -1.47	39.74 3.46 -1.37	40.52 3.42 -3.22	39.79 3.38 -1.98	42.40 3.86 -1.38	53.67 4.51 -9.63	51.15 4.16 -8.16	44.98 3.62 -4.44	41.46 3.31 -2.59	38.70 3.14 -1.83	37.67 2.57 -5.19	32.53 2.44 0.00
NYPA_GOWANUS___GT5 24156	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.13 2.86 -5.11	42.85 3.24 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00
NYPA_GOWANUS___GT6 24157	33.02 1.69 0.00	30.23 1.57 0.00	29.08 1.57 0.00	28.30 1.47 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.58 3.39 -0.06	41.85 3.45 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.72 2.65 -23.16	36.57 2.47 -0.21	36.86 2.37 -0.06	45.13 2.86 -5.11	42.85 3.24 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.06 2.28 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.68 0.00

NYPA_HARLEM__RVR__GT1 24160	32.84 1.50 0.00	30.14 1.49 0.00	29.00 1.48 0.00	28.22 1.39 0.00	28.41 1.35 0.00	31.22 1.46 0.00	37.93 1.87 0.00	41.17 3.05 0.01	41.48 3.14 0.01	39.84 2.36 0.01	39.63 2.49 0.01	38.82 2.50 0.01	37.18 2.43 0.01	37.24 2.34 0.01	36.11 2.24 0.01	36.56 2.14 0.01	39.81 2.64 -0.01	42.55 3.00 -0.01	41.60 2.76 -0.01	39.20 2.29 0.00	37.51 1.95 0.01	35.72 1.99 0.00	31.40 1.49 0.00	31.72 1.62 0.00
NYPA_HARLEM__RVR__GT2 24161	32.84 1.50 0.00	30.14 1.49 0.00	29.00 1.48 0.00	28.22 1.39 0.00	28.41 1.35 0.00	31.22 1.46 0.00	37.93 1.87 0.00	41.17 3.05 0.01	41.48 3.14 0.01	39.84 2.36 0.01	39.63 2.49 0.01	38.82 2.50 0.01	37.18 2.43 0.01	37.24 2.34 0.01	36.11 2.24 0.01	36.56 2.14 0.01	39.81 2.64 -0.01	42.55 3.00 -0.01	41.60 2.76 -0.01	39.20 2.29 0.00	37.51 1.95 0.01	35.72 1.99 0.00	31.40 1.49 0.00	31.72 1.62 0.00
NYPA_KENT____GT 24152	32.96 1.63 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.27 1.45 0.00	28.43 1.38 0.00	31.31 1.55 0.00	38.11 2.05 0.00	41.48 3.32 -0.03	41.75 3.38 -0.03	40.07 2.58 0.00	39.89 2.71 -0.03	45.80 2.73 -6.75	43.00 2.64 -5.60	50.72 2.55 -13.26	36.41 2.41 -0.12	36.77 2.31 -0.03	42.92 2.82 -2.93	42.79 3.20 -0.05	51.59 2.95 -9.81	39.42 2.47 -0.03	37.86 2.17 -0.12	35.93 2.16 -0.03	31.52 1.61 0.00	31.72 1.62 0.00
NYPA_POUCH1____GT 24155	32.99 1.66 0.00	30.17 1.52 0.00	29.03 1.51 0.00	28.24 1.42 0.00	28.43 1.38 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.43 3.24 -0.06	41.66 3.26 -0.06	39.96 2.47 0.00	39.80 2.60 -0.06	50.81 2.69 -11.79	47.11 2.57 -9.78	60.59 2.52 -23.16	36.43 2.34 -0.21	36.70 2.21 -0.06	45.02 2.75 -5.11	42.70 3.09 -0.07	58.83 2.87 -17.12	39.30 2.33 -0.06	37.87 2.10 -0.21	35.88 2.09 -0.06	31.49 1.58 0.00	31.72 1.62 0.00
NYPA_VERNON____GT2 24162	32.90 1.57 0.00	30.11 1.46 0.00	28.97 1.46 0.00	28.22 1.39 0.00	28.41 1.35 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.38 3.24 -0.01	41.69 3.33 -0.01	40.04 2.55 0.00	39.83 2.68 -0.01	40.69 2.65 -1.71	38.75 2.57 -1.42	40.75 2.48 -3.36	36.28 2.37 -0.03	36.71 2.27 -0.01	40.67 2.75 -0.75	42.72 3.16 -0.02	44.20 2.87 -2.50	39.32 2.40 -0.01	37.69 2.10 -0.03	35.83 2.09 -0.01	31.46 1.55 0.00	31.63 1.53 0.00
NYPA_VERNON____GT3 24163	32.90 1.57 0.00	30.11 1.46 0.00	28.97 1.46 0.00	28.22 1.39 0.00	28.41 1.35 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.38 3.24 -0.01	41.69 3.33 -0.01	40.04 2.55 0.00	39.83 2.68 -0.01	40.69 2.65 -1.71	38.75 2.57 -1.42	40.75 2.48 -3.36	36.28 2.37 -0.03	36.71 2.27 -0.01	40.67 2.75 -0.75	42.72 3.16 -0.02	44.20 2.87 -2.50	39.32 2.40 -0.01	37.69 2.10 -0.03	35.83 2.09 -0.01	31.46 1.55 0.00	31.63 1.53 0.00
NYPA__ASTORIA_CC1 323568	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.19 1.37 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.29 3.16 0.00	41.60 3.26 0.00	39.96 2.47 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.32 2.41 0.00	36.19 2.31 0.00	36.64 2.21 0.00	39.86 2.68 -0.02	42.64 3.09 -0.02	41.65 2.80 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.76 2.02 0.00	31.43 1.52 0.00	31.60 1.50 0.00
NYPA__ASTORIA_CC2 323569	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.19 1.37 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.29 3.16 0.00	41.60 3.26 0.00	39.96 2.47 0.00	39.74 2.60 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.32 2.41 0.00	36.19 2.31 0.00	36.64 2.21 0.00	39.86 2.68 -0.02	42.64 3.09 -0.02	41.65 2.80 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.76 2.02 0.00	31.43 1.52 0.00	31.60 1.50 0.00
NYPA__HOLTSVILL 23794	36.59 2.45 -2.82	33.20 2.26 -2.28	31.28 2.23 -1.54	30.00 2.20 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.86 3.17 -3.63	49.22 4.27 -6.81	48.88 4.29 -6.24	41.92 3.45 -0.99	42.99 3.68 -2.16	39.60 3.27 0.00	39.46 3.23 -1.47	39.46 3.18 -1.37	40.28 3.18 -3.22	39.48 3.06 -1.98	42.03 3.49 -1.38	53.32 4.15 -9.63	50.84 3.85 -8.16	44.61 3.25 -4.44	41.21 3.06 -2.59	38.43 2.87 -1.83	37.43 2.33 -5.19	32.29 2.20 0.00
NYPA__HELLGATE_GT1 24158	32.84 1.50 0.00	30.14 1.49 0.00	29.00 1.48 0.00	28.22 1.39 0.00	28.41 1.35 0.00	31.22 1.46 0.00	37.93 1.87 0.00	41.17 3.05 0.01	41.48 3.14 0.01	39.84 2.36 0.01	39.63 2.49 0.01	38.82 2.50 0.01	37.18 2.43 0.01	37.24 2.34 0.01	36.11 2.24 0.01	36.56 2.14 0.01	39.81 2.64 -0.01	42.55 3.00 -0.01	41.60 2.76 -0.01	39.20 2.29 0.00	37.51 1.95 0.01	35.72 1.99 0.00	31.40 1.49 0.00	31.72 1.62 0.00
NYPA__HELLGATE_GT2 24159	32.84 1.50 0.00	30.14 1.49 0.00	29.00 1.48 0.00	28.22 1.39 0.00	28.41 1.35 0.00	31.22 1.46 0.00	37.93 1.87 0.00	41.17 3.05 0.01	41.48 3.14 0.01	39.84 2.36 0.01	39.63 2.49 0.01	38.82 2.50 0.01	37.18 2.43 0.01	37.24 2.34 0.01	36.11 2.24 0.01	36.56 2.14 0.01	39.81 2.64 -0.01	42.55 3.00 -0.01	41.60 2.76 -0.01	39.20 2.29 0.00	37.51 1.95 0.01	35.72 1.99 0.00	31.40 1.49 0.00	31.72 1.62 0.00
NYS_BARGE__HYD 23848	29.33 -2.01 0.00	26.47 -2.18 0.00	25.31 -2.20 0.00	24.76 -2.06 0.00	25.19 -1.87 0.00	27.62 -2.14 0.00	33.72 -2.34 0.00	34.70 -3.43 0.00	34.51 -3.83 0.00	34.08 -3.41 0.00	33.25 -3.90 0.00	32.73 -3.60 0.00	31.35 -3.40 0.00	31.91 -3.00 0.00	30.97 -2.91 0.00	31.51 -2.93 0.00	34.60 -2.56 0.00	37.00 -2.53 0.00	36.43 -2.41 0.00	33.78 -3.14 0.00	32.61 -2.95 0.00	30.97 -2.77 0.00	28.05 -1.85 0.00	28.38 -1.71 0.00
OAK ORCHARD__HYD 24046	30.20 -1.13 0.00	27.39 -1.26 0.00	26.25 -1.27 0.00	25.62 -1.21 0.00	25.94 -1.11 0.00	28.54 -1.22 0.00	34.83 -1.23 0.00	36.34 -1.79 0.00	36.39 -1.95 0.00	35.80 -1.69 0.00	35.17 -1.97 0.00	34.51 -1.82 0.00	33.02 -1.74 0.00	33.41 -1.50 0.00	32.39 -1.49 0.00	32.95 -1.48 0.00	35.94 -1.23 0.00	38.39 -1.15 0.00	37.75 -1.09 0.00	35.29 -1.62 0.00	34.04 -1.53 0.00	32.25 -1.48 0.00	28.89 -1.02 0.00	29.07 -1.02 0.00
OAKDALE__35_KV_LOAD 356122	31.43 0.09 0.00	28.65 0.00 0.00	27.49 -0.03 0.00	26.82 0.00 0.00	27.11 0.05 0.00	29.82 0.06 0.00	36.31 0.25 0.00	38.21 0.08 0.00	38.61 0.27 0.00	37.53 0.04 0.00	37.11 -0.04 0.00	36.36 0.04 0.00	34.76 0.00 0.00	34.95 0.03 0.00	33.98 0.10 0.00	34.50 0.07 0.00	37.42 0.26 0.00	40.01 0.47 0.00	39.30 0.47 0.00	36.91 0.00 0.00	35.49 -0.07 0.00	33.77 0.03 0.00	29.99 0.09 0.00	30.21 0.12 0.00
OCC_CHEM__DRP 24175	28.70 -2.63 0.00	25.87 -2.78 0.00	24.79 -2.72 0.00	24.14 -2.68 0.00	24.59 -2.46 0.00	27.00 -2.77 0.00	32.92 -3.14 0.00	33.52 -4.61 0.00	34.13 -4.22 0.00	33.18 -4.31 0.00	32.39 -4.75 0.00	31.90 -4.43 0.00	30.52 -4.24 0.00	30.72 -4.19 0.00	30.29 -3.59 0.00	30.65 -3.79 0.00	33.56 -3.60 0.00	35.74 -3.80 0.00	35.34 -3.49 0.00	32.78 -4.13 0.00	31.33 -4.23 0.00	30.12 -3.61 0.00	27.36 -2.54 0.00	27.72 -2.38 0.00

OH_GEN_PROXY 24063	29.17 -2.16 0.00	26.30 -2.35 0.00	25.23 -2.28 0.00	24.68 -2.15 0.00	25.02 -2.03 0.00	27.47 -2.29 0.00	33.50 -2.56 0.00	34.51 -3.62 0.00	34.36 -3.99 0.00	33.85 -3.64 0.00	33.06 -4.09 0.00	32.51 -3.81 0.00	31.14 -3.62 0.00	31.70 -3.21 0.00	30.73 -3.15 0.00	31.48 -3.17 -0.21	34.01 -2.94 0.21	36.65 -2.88 0.00	36.00 -2.83 0.00	33.48 -3.43 0.00	32.33 -3.24 0.00	30.73 -3.00 0.00	27.84 -2.06 0.00	28.17 -1.93 0.00
OLIN_CORP_DRP 24177	28.95 -2.38 0.00	26.10 -2.55 0.00	25.01 -2.50 0.00	24.38 -2.44 0.00	24.81 -2.25 0.00	27.23 -2.53 0.00	33.14 -2.92 0.00	33.78 -4.35 0.00	34.40 -3.95 0.00	33.40 -4.09 0.00	32.65 -4.49 0.00	32.11 -4.21 0.00	30.72 -4.03 0.00	30.93 -3.98 0.00	30.49 -3.39 0.00	30.89 -3.55 0.00	33.82 -3.34 0.00	36.02 -3.52 0.00	35.65 -3.18 0.00	33.04 -3.88 0.00	31.58 -3.98 0.00	30.36 -3.37 0.00	27.57 -2.33 0.00	27.93 -2.17 0.00
OLIN_CORP_DSASP 323712	28.79 -2.54 0.00	25.87 -2.78 0.00	24.87 -2.64 0.00	24.38 -2.44 0.00	24.62 -2.43 0.00	27.00 -2.77 0.00	32.92 -3.14 0.00	33.82 -4.31 0.00	33.63 -4.72 0.00	33.21 -4.27 0.00	32.39 -4.75 0.00	31.89 -4.43 0.00	30.55 -4.21 0.00	31.11 -3.80 0.00	30.19 -3.69 0.00	30.71 -3.72 0.00	33.63 -3.53 0.00	36.02 -3.52 0.00	35.38 -3.46 0.00	32.85 -4.06 0.00	31.76 -3.80 0.00	30.16 -3.58 0.00	27.36 -2.54 0.00	27.72 -2.38 0.00
ONEIDA_HERK_LFGE 323681	31.58 0.25 0.00	28.83 0.17 0.00	27.65 0.14 0.00	26.96 0.13 0.00	27.22 0.16 0.00	30.03 0.27 0.00	36.56 0.50 0.00	38.74 0.61 0.00	38.88 0.54 0.00	37.98 0.49 0.00	37.63 0.48 0.00	36.84 0.51 0.00	35.17 0.42 0.00	35.33 0.42 0.00	34.39 0.51 0.00	34.95 0.52 0.00	37.87 0.70 0.00	40.68 1.15 0.00	39.88 1.05 0.00	37.72 0.81 0.00	36.38 0.82 0.00	34.37 0.64 0.00	30.44 0.54 0.00	30.61 0.51 0.00
ONEIDA___115KV_TB4 55905	32.02 0.69 0.00	29.23 0.57 0.00	28.06 0.55 0.00	27.33 0.51 0.00	27.62 0.57 0.00	30.48 0.71 0.00	37.14 1.08 0.00	39.20 1.07 0.00	39.50 1.15 0.00	38.43 0.94 0.00	38.11 0.97 0.00	37.31 0.98 0.00	35.62 0.87 0.00	35.75 0.84 0.00	34.80 0.91 0.00	35.36 0.93 0.00	38.31 1.15 0.00	41.04 1.50 0.00	40.23 1.40 0.00	37.95 1.03 0.00	36.56 1.00 0.00	34.61 0.88 0.00	30.62 0.72 0.00	30.82 0.72 0.00
ONONDAGA_REF_OCCRA 23987	31.02 -0.31 0.00	28.28 -0.37 0.00	27.16 -0.36 0.00	26.45 -0.38 0.00	26.73 -0.32 0.00	29.41 -0.36 0.00	35.77 -0.29 0.00	37.71 -0.42 0.00	38.08 -0.27 0.00	37.08 -0.41 0.00	36.74 -0.41 0.00	35.96 -0.36 0.00	34.37 -0.38 0.00	34.53 -0.38 0.00	33.58 -0.30 0.00	34.09 -0.34 0.00	36.94 -0.22 0.00	39.46 -0.08 0.00	38.76 -0.08 0.00	36.51 -0.41 0.00	35.14 -0.43 0.00	33.33 -0.40 0.00	29.54 -0.36 0.00	29.70 -0.39 0.00
ONONDAGA___COGEN 23986	30.99 -0.34 0.00	28.25 -0.40 0.00	27.13 -0.39 0.00	26.42 -0.40 0.00	26.70 -0.35 0.00	29.41 -0.36 0.00	35.77 -0.29 0.00	37.67 -0.46 0.00	38.04 -0.31 0.00	37.08 -0.41 0.00	36.74 -0.41 0.00	35.96 -0.36 0.00	34.41 -0.35 0.00	34.53 -0.38 0.00	33.58 -0.30 0.00	34.09 -0.34 0.00	36.94 -0.22 0.00	39.42 -0.12 0.00	38.72 -0.12 0.00	36.51 -0.41 0.00	35.14 -0.43 0.00	33.33 -0.40 0.00	29.54 -0.36 0.00	29.70 -0.39 0.00
ONTARIO___LFGE 23819	31.27 -0.06 0.00	28.40 -0.26 0.00	27.24 -0.28 0.00	26.58 -0.24 0.00	26.89 -0.16 0.00	29.67 -0.09 0.00	36.17 0.11 0.00	38.06 -0.08 0.00	38.12 -0.23 0.00	37.23 -0.26 0.00	36.85 -0.30 0.00	36.15 -0.18 0.00	34.58 -0.17 0.00	34.88 -0.03 0.00	33.88 0.00 0.00	34.43 0.00 0.00	37.39 0.22 0.00	40.01 0.48 0.00	39.34 0.50 0.00	36.91 0.00 0.00	35.60 0.04 0.00	33.70 -0.03 0.00	29.96 0.06 0.00	30.15 0.06 0.00
ORANGEVILLE_WT_PWR 323706	29.95 -1.38 0.00	27.05 -1.60 0.00	25.83 -1.68 0.00	25.27 -1.56 0.00	25.59 -1.46 0.00	28.10 -1.67 0.00	34.33 -1.73 0.00	35.65 -2.48 0.00	35.51 -2.84 0.00	34.90 -2.59 0.00	34.25 -2.90 0.00	33.71 -2.62 0.00	32.29 -2.47 0.00	32.85 -2.06 0.00	31.92 -1.97 0.00	32.51 -1.93 0.00	35.64 -1.53 0.00	38.19 -1.34 0.00	37.59 -1.24 0.00	34.99 -1.92 0.00	33.79 -1.78 0.00	32.08 -1.65 0.00	28.92 -0.99 0.00	29.28 -0.81 0.00
ORANGEVILLE___ESR 323794	29.95 -1.38 0.00	27.05 -1.60 0.00	25.83 -1.68 0.00	25.27 -1.56 0.00	25.59 -1.46 0.00	28.10 -1.67 0.00	34.33 -1.73 0.00	35.65 -2.48 0.00	35.51 -2.84 0.00	34.90 -2.59 0.00	34.25 -2.90 0.00	33.71 -2.62 0.00	32.29 -2.47 0.00	32.85 -2.06 0.00	31.92 -1.97 0.00	32.51 -1.93 0.00	35.64 -1.53 0.00	38.19 -1.34 0.00	37.59 -1.24 0.00	34.99 -1.92 0.00	33.79 -1.78 0.00	32.08 -1.65 0.00	28.92 -0.99 0.00	29.28 -0.81 0.00
OSWEGATCHIE___HYD 24044	30.42 -0.91 0.00	27.85 -0.80 0.00	26.74 -0.77 0.00	26.04 -0.78 0.00	26.30 -0.76 0.00	28.99 -0.77 0.00	35.30 -0.76 0.00	37.26 -0.88 0.00	37.46 -0.88 0.00	36.85 -0.64 0.00	36.59 -0.56 0.00	35.78 -0.54 0.00	34.20 -0.56 0.00	34.39 -0.52 0.00	33.48 -0.41 0.00	33.99 -0.45 0.00	36.46 -0.71 0.00	38.75 -0.79 0.00	38.09 -0.74 0.00	36.40 -0.52 0.00	35.07 -0.50 0.00	33.13 -0.61 0.00	29.46 -0.45 0.00	29.76 -0.33 0.00
OSWEGO___5 23606	30.39 -0.94 0.00	27.77 -0.89 0.00	26.63 -0.88 0.00	25.96 -0.86 0.00	26.22 -0.84 0.00	28.84 -0.92 0.00	35.05 -1.01 0.00	37.02 -1.11 0.00	37.20 -1.15 0.00	36.33 -1.16 0.00	35.95 -1.19 0.00	35.20 -1.13 0.00	33.68 -1.08 0.00	33.86 -1.05 0.00	32.87 -1.02 0.00	33.40 -1.03 0.00	36.16 -1.00 0.00	38.59 -0.95 0.00	37.90 -0.93 0.00	35.81 -1.11 0.00	34.50 -1.07 0.00	32.69 -1.05 0.00	29.01 -0.90 0.00	29.19 -0.90 0.00
OSWEGO___6 23613	30.39 -0.94 0.00	27.77 -0.89 0.00	26.63 -0.88 0.00	25.96 -0.86 0.00	26.22 -0.84 0.00	28.84 -0.92 0.00	35.05 -1.01 0.00	37.02 -1.11 0.00	37.20 -1.15 0.00	36.33 -1.16 0.00	35.95 -1.19 0.00	35.20 -1.13 0.00	33.68 -1.08 0.00	33.86 -1.05 0.00	32.87 -1.02 0.00	33.40 -1.03 0.00	36.16 -1.00 0.00	38.59 -0.95 0.00	37.90 -0.93 0.00	35.81 -1.11 0.00	34.50 -1.07 0.00	32.69 -1.05 0.00	29.01 -0.90 0.00	29.19 -0.90 0.00
OUTOKUMPU-AB___DRP 24206	29.51 -1.82 0.00	26.59 -2.06 0.00	25.48 -2.04 0.00	24.81 -2.01 0.00	25.24 -1.81 0.00	27.74 -2.02 0.00	33.86 -2.20 0.00	34.59 -3.55 0.00	35.16 -3.18 0.00	34.23 -3.26 0.00	33.47 -3.68 0.00	32.95 -3.38 0.00	31.52 -3.23 0.00	31.77 -3.14 0.00	31.31 -2.57 0.00	31.68 -2.75 0.00	34.78 -2.38 0.00	37.05 -2.49 0.00	36.66 -2.17 0.00	33.89 -3.03 0.00	32.43 -3.13 0.00	31.14 -2.60 0.00	28.23 -1.67 0.00	28.59 -1.50 0.00
OXBOW___BTM 323836	29.17 -2.16 0.00	26.25 -2.41 0.00	25.20 -2.31 0.00	24.68 -2.15 0.00	24.94 -2.11 0.00	27.38 -2.38 0.00	33.43 -2.63 0.00	34.40 -3.74 0.00	34.20 -4.14 0.00	33.78 -3.71 0.00	32.99 -4.16 0.00	32.44 -3.89 0.00	31.07 -3.69 0.00	31.67 -3.25 0.00	30.73 -3.15 0.00	31.23 -3.20 0.00	34.30 -2.86 0.00	36.69 -2.85 0.00	36.08 -2.76 0.00	33.44 -3.47 0.00	32.33 -3.24 0.00	30.70 -3.04 0.00	27.84 -2.06 0.00	28.17 -1.93 0.00

OXBOW____ 24026	29.14 -2.19 0.00	26.25 -2.41 0.00	25.15 -2.37 0.00	24.49 -2.33 0.00	24.94 -2.11 0.00	27.38 -2.38 0.00	33.43 -2.63 0.00	34.09 -4.04 0.00	34.70 -3.64 0.00	33.74 -3.75 0.00	32.98 -4.16 0.00	32.44 -3.89 0.00	31.07 -3.68 0.00	31.28 -3.63 0.00	30.83 -3.05 0.00	31.20 -3.24 0.00	34.23 -2.94 0.00	36.41 -3.12 0.00	36.08 -2.76 0.00	33.37 -3.54 0.00	31.94 -3.63 0.00	30.66 -3.07 0.00	27.84 -2.06 0.00	28.17 -1.93 0.00
OXY_CHEM_DSASP 323612	28.70 -2.63 0.00	25.87 -2.78 0.00	24.79 -2.72 0.00	24.14 -2.68 0.00	24.59 -2.46 0.00	27.00 -2.77 0.00	32.92 -3.14 0.00	33.52 -4.61 0.00	34.13 -4.22 0.00	33.18 -4.31 0.00	32.39 -4.75 0.00	31.90 -4.43 0.00	30.52 -4.24 0.00	30.72 -4.19 0.00	30.29 -3.59 0.00	30.65 -3.79 0.00	33.56 -3.60 0.00	35.74 -3.80 0.00	35.34 -3.49 0.00	32.78 -4.13 0.00	31.33 -4.23 0.00	30.12 -3.61 0.00	27.36 -2.54 0.00	27.72 -2.38 0.00
OZONE_PARK_ESR 323760	33.12 1.79 0.00	30.32 1.66 0.00	29.17 1.65 0.00	28.46 1.64 0.00	28.60 1.54 0.00	31.55 1.79 0.00	38.44 2.38 0.00	41.45 3.32 0.00	41.95 3.60 0.00	40.45 2.96 0.00	40.15 3.01 0.00	39.27 2.94 0.00	37.57 2.82 0.00	37.74 2.83 0.00	36.56 2.68 0.00	37.05 2.62 0.00	40.23 3.05 -0.02	43.07 3.52 -0.02	42.07 3.22 -0.02	39.72 2.81 0.00	38.05 2.49 0.00	36.10 2.36 0.00	31.76 1.85 0.00	31.84 1.75 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.70 -2.63 0.00	25.87 -2.78 0.00	24.79 -2.72 0.00	24.14 -2.68 0.00	24.59 -2.46 0.00	27.00 -2.77 0.00	32.92 -3.14 0.00	33.52 -4.61 0.00	34.13 -4.22 0.00	33.18 -4.31 0.00	32.39 -4.75 0.00	31.90 -4.43 0.00	30.52 -4.24 0.00	30.72 -4.19 0.00	30.29 -3.59 0.00	30.65 -3.79 0.00	33.56 -3.60 0.00	35.74 -3.80 0.00	35.34 -3.49 0.00	32.78 -4.13 0.00	31.33 -4.23 0.00	30.12 -3.61 0.00	27.36 -2.54 0.00	27.72 -2.38 0.00
PACKARD__115KV_DUPONT_184 80571	28.70 -2.63 0.00	25.87 -2.78 0.00	24.79 -2.72 0.00	24.14 -2.68 0.00	24.59 -2.46 0.00	27.00 -2.77 0.00	32.92 -3.14 0.00	33.52 -4.61 0.00	34.13 -4.22 0.00	33.18 -4.31 0.00	32.39 -4.75 0.00	31.90 -4.43 0.00	30.52 -4.24 0.00	30.72 -4.19 0.00	30.29 -3.59 0.00	30.65 -3.79 0.00	33.56 -3.60 0.00	35.74 -3.80 0.00	35.34 -3.49 0.00	32.78 -4.13 0.00	31.33 -4.23 0.00	30.12 -3.61 0.00	27.36 -2.54 0.00	27.72 -2.38 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.80 1.47 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.22 1.39 0.00	28.35 1.30 0.00	31.16 1.40 0.00	37.86 1.80 0.00	40.84 2.71 0.00	41.34 2.99 0.00	39.81 2.32 0.00	39.56 2.41 0.00	38.76 2.43 0.00	37.08 2.33 0.00	37.25 2.34 0.00	36.08 2.20 0.00	36.50 2.07 0.00	39.67 2.49 -0.02	42.48 2.93 -0.02	41.49 2.64 -0.02	39.13 2.21 0.00	37.48 1.92 0.00	35.66 1.92 0.00	31.34 1.44 0.00	31.63 1.53 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.15 1.82 0.00	30.40 1.75 0.00	29.28 1.76 0.00	28.51 1.69 0.00	28.65 1.60 0.00	31.46 1.70 0.00	38.26 2.20 0.00	41.26 3.13 0.00	41.76 3.41 0.00	40.19 2.70 0.00	39.93 2.79 0.00	39.09 2.76 0.00	37.40 2.64 0.00	37.56 2.65 0.00	36.39 2.51 0.00	36.84 2.41 0.00	40.04 2.86 -0.02	42.87 3.32 -0.02	41.88 3.03 -0.02	39.50 2.58 0.00	37.84 2.28 0.00	35.99 2.26 0.00	31.64 1.73 0.00	31.93 1.84 0.00
PATROON__115KV_TB1 80586	32.05 0.72 0.00	29.28 0.63 0.00	28.12 0.61 0.00	27.41 0.59 0.00	27.60 0.54 0.00	30.42 0.65 0.00	36.71 0.65 0.00	39.28 1.14 0.00	39.73 1.38 0.00	38.50 1.01 0.00	38.11 0.97 0.00	37.24 0.91 0.00	35.62 0.87 0.00	35.75 0.84 0.00	34.63 0.75 0.00	35.19 0.76 0.00	37.98 0.82 0.00	40.60 1.07 0.00	39.77 0.93 0.00	37.58 0.66 0.00	36.28 0.71 0.00	34.34 0.61 0.00	30.41 0.51 0.00	30.55 0.45 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.30 -1.03 0.00	27.31 -1.35 0.00	26.14 -1.38 0.00	25.48 -1.34 0.00	25.94 -1.11 0.00	28.48 -1.28 0.00	34.83 -1.23 0.00	35.73 -2.40 0.00	36.24 -2.11 0.00	35.24 -2.25 0.00	34.51 -2.64 0.00	33.97 -2.36 0.00	32.50 -2.26 0.00	32.75 -2.16 0.00	32.22 -1.66 0.00	32.64 -1.79 0.00	35.82 -1.34 0.00	38.23 -1.30 0.00	37.82 -1.01 0.00	34.96 -1.96 0.00	33.43 -2.13 0.00	32.12 -1.62 0.00	29.04 -0.87 0.00	29.43 -0.66 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.15 1.82 0.00	30.32 1.66 0.00	29.14 1.62 0.00	28.46 1.64 0.00	28.54 1.49 0.00	31.46 1.70 0.00	38.19 2.13 0.00	41.03 2.90 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.78 2.64 0.00	38.83 2.51 0.00	37.12 2.36 0.00	37.22 2.30 0.00	36.05 2.17 0.00	36.60 2.17 0.00	39.65 2.49 0.00	42.58 3.04 0.00	41.59 2.76 0.00	39.17 2.25 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.46 1.55 0.00	31.57 1.47 0.00
PEEKSKILL____ 23653	32.74 1.41 0.00	29.97 1.32 0.00	28.81 1.29 0.00	28.11 1.29 0.00	28.30 1.25 0.00	31.16 1.40 0.00	37.86 1.80 0.00	40.95 2.82 0.00	41.22 2.88 0.00	39.66 2.17 0.00	39.41 2.27 0.00	38.47 2.14 0.00	36.81 2.05 0.00	36.90 1.99 0.00	35.78 1.90 0.00	36.33 1.89 0.00	39.35 2.19 0.00	42.14 2.61 0.00	41.16 2.33 0.00	38.83 1.92 0.00	37.27 1.71 0.00	35.42 1.69 0.00	31.22 1.31 0.00	31.36 1.26 0.00
PGE MADISON__WINDPWR 24146	34.09 2.76 0.00	31.03 2.38 0.00	29.77 2.26 0.00	28.97 2.15 0.00	29.33 2.27 0.00	32.41 2.65 0.00	39.88 3.82 0.00	42.29 4.16 0.00	42.30 3.95 0.00	41.17 3.68 0.00	40.71 3.57 0.00	40.11 3.78 0.00	38.23 3.48 0.00	38.33 3.42 0.00	37.27 3.39 0.00	37.84 3.41 0.00	41.36 4.20 0.00	44.67 5.14 0.00	43.77 4.93 0.00	40.90 3.99 0.00	39.48 3.91 0.00	37.14 3.41 0.00	32.89 2.99 0.00	33.05 2.95 0.00
PIERCEFIELD__HYD 23852	30.70 -0.63 0.00	28.28 -0.37 0.00	27.13 -0.39 0.00	26.45 -0.38 0.00	26.70 -0.35 0.00	29.38 -0.39 0.00	35.66 -0.40 0.00	37.79 -0.34 0.00	37.73 -0.61 0.00	37.34 -0.15 0.00	37.07 -0.07 0.00	36.29 -0.04 0.00	34.76 0.00 0.00	34.95 0.03 0.00	33.95 0.07 0.00	34.40 -0.03 0.00	36.57 -0.59 0.00	38.35 -1.19 0.00	37.78 -1.05 0.00	36.40 -0.52 0.00	35.10 -0.46 0.00	33.16 -0.57 0.00	29.66 -0.24 0.00	30.06 -0.03 0.00
PINELAWN_CC_1 323563	36.53 2.38 -2.82	33.11 2.18 -2.28	31.20 2.15 -1.54	29.89 2.09 -0.98	29.82 2.06 -0.71	33.74 2.32 -1.66	42.68 2.99 -3.63	49.10 4.16 -6.81	48.73 4.14 -6.24	41.85 3.38 -0.99	42.80 3.49 -2.16	39.56 3.23 0.00	39.42 3.20 -1.47	39.42 3.14 -1.37	40.15 3.05 -3.22	39.45 3.03 -1.98	42.00 3.46 -1.38	53.20 4.03 -9.63	50.72 3.73 -8.16	44.57 3.21 -4.44	41.07 2.92 -2.59	38.36 2.80 -1.83	37.37 2.27 -5.19	32.23 2.14 0.00
PJM_GEN_HTP_PROXY 323702	32.84 1.50 0.00	30.06 1.40 0.00	28.92 1.40 0.00	28.19 1.37 0.00	28.38 1.33 0.00	31.31 1.55 0.00	38.08 2.02 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.04 2.55 0.00	39.74 2.60 0.00	38.83 2.50 0.00	37.19 2.43 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.85 2.21 -0.21	39.57 2.60 0.20	42.60 3.04 -0.02	41.57 2.72 -0.02	39.24 2.33 0.00	37.55 1.99 0.00	35.69 1.96 0.00	31.43 1.52 0.00	31.54 1.44 0.00

PJM_GEN_KEystone 24065	31.30 -0.03 0.00	28.48 -0.17 0.00	27.35 -0.16 0.00	26.74 -0.08 0.00	27.00 -0.05 0.00	29.70 -0.06 0.00	36.17 0.11 0.00	38.47 0.34 0.00	38.50 0.15 0.00	37.34 -0.15 0.00	36.89 -0.26 0.00	36.11 -0.22 0.00	34.58 -0.17 0.00	34.81 -0.10 0.00	33.78 -0.10 0.00	34.51 -0.14 -0.21	37.10 0.15 0.21	39.97 0.44 0.00	39.14 0.31 0.00	36.73 -0.18 0.00	35.32 -0.25 0.00	33.60 -0.13 0.00	29.87 -0.03 0.00	30.12 0.03 0.00
PJM_GEN_NEPTUNE_PROXY 323594	36.06 1.91 -2.82	32.68 1.75 -2.28	30.79 1.73 -1.54	29.52 1.72 -0.98	29.44 1.68 -0.71	33.30 1.88 -1.66	42.06 2.38 -3.63	48.42 3.47 -6.81	48.08 3.49 -6.24	41.29 2.81 -0.99	42.17 2.86 -2.16	39.02 2.69 0.00	38.86 2.64 -1.47	38.86 2.58 -1.37	39.57 2.47 -3.22	39.07 2.45 -2.19	41.15 2.82 -1.16	52.45 3.28 -9.63	49.98 2.99 -8.16	43.90 2.55 -4.44	40.43 2.28 -2.59	37.82 2.26 -1.83	36.92 1.82 -5.19	31.81 1.71 0.00
PJM_GEN_VFT_PROXY 323633	32.68 1.35 0.00	29.91 1.26 0.01	28.77 1.27 0.01	28.06 1.23 0.00	28.24 1.19 0.00	31.13 1.37 0.00	37.90 1.84 0.00	41.18 3.05 0.00	41.45 3.10 0.00	39.85 2.36 0.00	39.60 2.45 0.00	38.69 2.36 0.00	37.05 2.29 0.00	37.15 2.24 0.00	36.02 2.14 0.00	36.71 2.07 -0.21	39.42 2.45 0.20	42.40 2.85 -0.02	41.37 2.52 -0.02	39.09 2.18 0.00	37.41 1.85 0.00	35.59 1.85 0.00	31.31 1.41 0.00	31.39 1.29 0.00
PLATSBURG_115KV_PMLD1 355749	31.96 0.63 0.00	29.28 0.63 0.00	28.06 0.55 0.00	27.36 0.54 0.00	27.60 0.54 0.00	30.33 0.57 0.00	36.10 0.04 0.00	38.02 -0.11 0.00	38.00 -0.35 0.00	37.56 0.07 0.00	37.40 0.26 0.00	36.55 0.22 0.00	35.00 0.24 0.00	35.19 0.28 0.00	34.29 0.41 0.00	35.05 0.62 0.00	37.76 0.59 0.00	39.77 0.24 0.00	39.18 0.35 0.00	37.80 0.89 0.00	36.45 0.89 0.00	34.48 0.74 0.00	30.77 0.87 0.00	31.48 1.38 0.00
PLEASANTVLY__LBMP 24000	32.71 1.38 0.00	29.94 1.29 0.00	28.78 1.27 0.00	28.08 1.26 0.00	28.24 1.19 0.00	31.10 1.34 0.00	37.72 1.66 0.00	40.42 2.29 0.00	40.88 2.53 0.00	39.48 1.99 0.00	39.15 2.01 0.00	38.22 1.89 0.00	36.60 1.84 0.00	36.73 1.82 0.00	35.54 1.66 0.00	36.09 1.65 0.00	39.02 1.86 0.00	41.83 2.29 0.00	40.85 2.02 0.00	38.57 1.66 0.00	37.16 1.60 0.00	35.29 1.55 0.00	31.10 1.20 0.00	31.24 1.14 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.87 1.54 0.00	30.06 1.40 0.00	28.92 1.40 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.28 1.52 0.00	37.97 1.91 0.00	40.80 2.67 0.00	41.26 2.91 0.00	39.81 2.32 0.00	39.48 2.34 0.00	38.58 2.25 0.00	36.91 2.15 0.00	37.08 2.16 0.00	35.88 2.00 0.00	36.43 2.00 0.00	39.43 2.27 0.00	42.26 2.73 0.00	41.28 2.45 0.00	38.98 2.07 0.00	37.45 1.88 0.00	35.56 1.82 0.00	31.31 1.41 0.00	31.45 1.35 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.93 1.60 0.00	30.14 1.49 0.00	28.97 1.46 0.00	28.27 1.45 0.00	28.43 1.38 0.00	31.31 1.55 0.00	38.04 1.98 0.00	40.69 2.55 0.00	41.14 2.80 0.00	39.70 2.21 0.00	39.34 2.19 0.00	38.44 2.11 0.00	36.74 1.98 0.00	36.90 1.99 0.00	35.71 1.83 0.00	36.26 1.83 0.00	39.32 2.16 0.00	42.15 2.61 0.00	41.16 2.33 0.00	38.83 1.92 0.00	37.38 1.81 0.00	35.52 1.79 0.00	31.28 1.38 0.00	31.42 1.32 0.00
POLETTI____ 23519	32.80 1.47 0.00	30.03 1.38 0.00	28.89 1.38 0.00	28.22 1.39 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.01 1.95 0.00	40.99 2.86 0.00	41.45 3.11 0.00	40.00 2.51 0.00	39.71 2.56 0.00	38.80 2.47 0.00	37.15 2.40 0.00	37.32 2.41 0.00	36.15 2.27 0.00	36.64 2.20 0.00	39.71 2.53 -0.02	42.52 2.97 -0.02	41.53 2.68 -0.02	39.20 2.29 0.00	37.59 2.03 0.00	35.69 1.96 0.00	31.40 1.50 0.00	31.51 1.41 0.00
POMONA____ESR 323819	32.71 1.38 0.00	29.91 1.26 0.00	28.78 1.27 0.00	28.08 1.26 0.00	28.27 1.22 0.00	31.13 1.37 0.00	37.86 1.80 0.00	40.95 2.82 0.00	41.18 2.84 0.00	39.63 2.14 0.00	39.34 2.19 0.00	38.43 2.11 0.00	36.77 2.02 0.00	36.87 1.95 0.00	35.74 1.86 0.00	36.26 1.82 0.00	39.28 2.12 0.00	42.10 2.57 0.00	41.12 2.29 0.00	38.80 1.88 0.00	37.24 1.67 0.00	35.39 1.65 0.00	31.19 1.28 0.00	31.33 1.23 0.00
PORT_JEFF_3 23555	36.69 2.54 -2.82	33.28 2.35 -2.28	31.36 2.31 -1.54	30.08 2.28 -0.98	30.04 2.27 -0.71	33.92 2.50 -1.66	43.00 3.32 -3.63	49.37 4.42 -6.81	49.04 4.45 -6.24	42.08 3.60 -0.99	43.10 3.79 -2.16	39.74 3.41 0.00	39.56 3.34 -1.47	39.60 3.32 -1.37	40.42 3.32 -3.22	39.62 3.20 -1.98	42.18 3.64 -1.38	53.48 4.31 -9.63	51.03 4.04 -8.16	44.79 3.43 -4.44	41.35 3.20 -2.59	38.56 3.00 -1.83	37.55 2.45 -5.19	32.38 2.29 0.00
PORT_JEFF_4 23616	36.69 2.54 -2.82	33.28 2.35 -2.28	31.36 2.31 -1.54	30.08 2.28 -0.98	30.04 2.27 -0.71	33.92 2.50 -1.66	43.00 3.32 -3.63	49.37 4.42 -6.81	49.04 4.45 -6.24	42.08 3.60 -0.99	43.10 3.79 -2.16	39.74 3.41 0.00	39.56 3.34 -1.47	39.60 3.32 -1.37	40.42 3.32 -3.22	39.62 3.20 -1.98	42.18 3.64 -1.38	53.48 4.31 -9.63	51.03 4.04 -8.16	44.79 3.43 -4.44	41.35 3.20 -2.59	38.56 3.00 -1.83	37.55 2.45 -5.19	32.38 2.29 0.00
PORT_JEFF_IC 23713	36.69 2.54 -2.82	33.28 2.35 -2.28	31.39 2.34 -1.54	30.08 2.28 -0.98	30.04 2.27 -0.71	33.92 2.50 -1.66	43.00 3.32 -3.63	49.37 4.42 -6.81	49.04 4.45 -6.24	42.08 3.60 -0.99	43.10 3.79 -2.16	39.74 3.41 0.00	39.56 3.34 -1.47	39.60 3.32 -1.37	40.42 3.32 -3.22	39.62 3.20 -1.98	42.22 3.68 -1.38	53.52 4.35 -9.63	51.03 4.04 -8.16	44.79 3.43 -4.44	41.35 3.20 -2.59	38.56 3.00 -1.83	37.55 2.45 -5.19	32.38 2.29 0.00
PPL PILGRIM_ST_GT1 24216	36.81 2.66 -2.82	33.40 2.46 -2.28	31.47 2.42 -1.54	30.19 2.39 -0.98	30.12 2.35 -0.71	34.04 2.62 -1.66	43.11 3.43 -3.63	49.52 4.57 -6.81	49.15 4.56 -6.24	42.23 3.75 -0.99	43.21 3.90 -2.16	39.93 3.60 0.00	39.73 3.51 -1.47	39.74 3.46 -1.37	40.52 3.42 -3.22	39.79 3.38 -1.98	42.40 3.86 -1.38	53.67 4.51 -9.63	51.15 4.16 -8.16	44.98 3.62 -4.44	41.46 3.31 -2.59	38.70 3.14 -1.83	37.67 2.57 -5.19	32.53 2.44 0.00
PPL PILGRIM_ST_GT2 24217	36.81 2.66 -2.82	33.40 2.46 -2.28	31.47 2.42 -1.54	30.19 2.39 -0.98	30.12 2.35 -0.71	34.04 2.62 -1.66	43.11 3.43 -3.63	49.52 4.57 -6.81	49.15 4.56 -6.24	42.23 3.75 -0.99	43.21 3.90 -2.16	39.93 3.60 0.00	39.73 3.51 -1.47	39.74 3.46 -1.37	40.52 3.42 -3.22	39.79 3.38 -1.98	42.40 3.86 -1.38	53.67 4.51 -9.63	51.15 4.16 -8.16	44.98 3.62 -4.44	41.46 3.31 -2.59	38.70 3.14 -1.83	37.67 2.57 -5.19	32.53 2.44 0.00

PPL_SHRM_GT3 24213	36.53 2.38 -2.82	33.17 2.24 -2.28	31.31 2.26 -1.54	30.02 2.23 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.97 3.28 -3.63	49.22 4.27 -6.81	48.96 4.37 -6.24	41.85 3.38 -0.99	43.14 3.83 -2.16	39.49 3.16 0.00	39.35 3.13 -1.47	39.35 3.07 -1.37	40.35 3.25 -3.22	39.41 2.99 -1.98	41.92 3.38 -1.38	53.24 4.07 -9.63	50.80 3.81 -8.16	44.49 3.14 -4.44	41.28 3.13 -2.59	38.39 2.83 -1.83	37.37 2.27 -5.19	32.23 2.14 0.00
PPL_SHRM_GT4 24214	36.53 2.38 -2.82	33.17 2.24 -2.28	31.31 2.26 -1.54	30.02 2.23 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.97 3.28 -3.63	49.22 4.27 -6.81	48.96 4.37 -6.24	41.85 3.38 -0.99	43.14 3.83 -2.16	39.49 3.16 0.00	39.35 3.13 -1.47	39.35 3.07 -1.37	40.35 3.25 -3.22	39.41 2.99 -1.98	41.92 3.38 -1.38	53.24 4.07 -9.63	50.80 3.81 -8.16	44.49 3.14 -4.44	41.28 3.13 -2.59	38.39 2.83 -1.83	37.37 2.27 -5.19	32.23 2.14 0.00
PROJECT___ORANGE 1 24174	30.83 -0.50 0.00	28.11 -0.54 0.00	26.99 -0.52 0.00	26.31 -0.51 0.00	26.57 -0.49 0.00	29.23 -0.54 0.00	35.52 -0.54 0.00	37.44 -0.69 0.00	37.77 -0.58 0.00	36.81 -0.67 0.00	36.48 -0.67 0.00	35.71 -0.62 0.00	34.17 -0.59 0.00	34.32 -0.59 0.00	33.34 -0.54 0.00	33.85 -0.59 0.00	36.64 -0.52 0.00	39.14 -0.40 0.00	38.44 -0.39 0.00	36.21 -0.70 0.00	34.85 -0.71 0.00	33.09 -0.64 0.00	29.33 -0.57 0.00	29.49 -0.60 0.00
PROJECT___ORANGE 2 24166	30.83 -0.50 0.00	28.11 -0.54 0.00	26.99 -0.52 0.00	26.31 -0.51 0.00	26.57 -0.49 0.00	29.23 -0.54 0.00	35.52 -0.54 0.00	37.44 -0.69 0.00	37.77 -0.58 0.00	36.81 -0.67 0.00	36.48 -0.67 0.00	35.71 -0.62 0.00	34.17 -0.59 0.00	34.32 -0.59 0.00	33.34 -0.54 0.00	33.85 -0.59 0.00	36.64 -0.52 0.00	39.14 -0.40 0.00	38.44 -0.39 0.00	36.21 -0.70 0.00	34.85 -0.71 0.00	33.09 -0.64 0.00	29.33 -0.57 0.00	29.49 -0.60 0.00
PUCKETT___SOLAR 323809	32.18 0.85 0.00	29.31 0.66 0.00	28.12 0.60 0.00	27.44 0.62 0.00	27.73 0.68 0.00	30.57 0.80 0.00	37.36 1.30 0.00	39.58 1.45 0.00	39.65 1.30 0.00	38.54 1.05 0.00	38.11 0.96 0.00	37.34 1.02 0.00	35.69 0.94 0.00	35.89 0.98 0.00	34.83 0.95 0.00	35.43 1.00 0.00	38.50 1.34 0.00	41.27 1.74 0.00	40.50 1.67 0.00	37.98 1.07 0.00	36.60 1.03 0.00	34.68 0.94 0.00	30.74 0.84 0.00	30.97 0.87 0.00
PYRITES___HYD 24023	31.39 0.06 0.00	28.88 0.23 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.27 0.22 0.00	30.03 0.27 0.00	36.46 0.40 0.00	38.59 0.46 0.00	38.54 0.19 0.00	38.20 0.71 0.00	37.96 0.82 0.00	37.13 0.80 0.00	35.62 0.87 0.00	35.82 0.91 0.00	34.80 0.91 0.00	35.23 0.79 0.00	37.50 0.33 0.00	39.38 -0.16 0.00	38.79 -0.04 0.00	37.36 0.44 0.00	36.03 0.46 0.00	34.00 0.27 0.00	30.41 0.51 0.00	30.76 0.66 0.00
QUAKERRD_115KV_BK1 80622	29.64 -1.69 0.00	26.91 -1.75 0.00	25.81 -1.71 0.00	25.13 -1.69 0.00	25.48 -1.57 0.00	28.07 -1.70 0.00	34.22 -1.84 0.00	35.65 -2.48 0.00	36.12 -2.22 0.00	35.24 -2.25 0.00	34.73 -2.41 0.00	34.04 -2.29 0.00	32.57 -2.19 0.00	32.71 -2.20 0.00	31.95 -1.93 0.00	32.44 -2.00 0.00	35.27 -1.90 0.00	37.56 -1.98 0.00	37.05 -1.79 0.00	34.70 -2.21 0.00	33.29 -2.28 0.00	31.74 -1.99 0.00	28.35 -1.55 0.00	28.50 -1.59 0.00
QUENSBRY_115KV_TB8 356137	32.90 1.57 0.00	30.09 1.43 0.00	28.89 1.38 0.00	28.11 1.29 0.00	28.30 1.24 0.00	31.34 1.58 0.00	38.01 1.95 0.00	40.72 2.59 0.00	41.26 2.91 0.00	39.93 2.44 0.00	39.52 2.38 0.00	38.62 2.29 0.00	36.77 2.02 0.00	36.87 1.96 0.00	35.74 1.86 0.00	36.33 1.89 0.00	39.58 2.42 0.00	42.34 2.81 0.00	41.59 2.76 0.00	39.50 2.58 0.00	38.05 2.49 0.00	35.89 2.16 0.00	31.76 1.85 0.00	31.84 1.75 0.00
RAMAPO___LBMP 323565	32.62 1.28 0.00	29.83 1.17 0.00	28.67 1.16 0.00	28.00 1.18 0.00	28.19 1.14 0.00	31.04 1.28 0.00	37.72 1.66 0.00	40.50 2.36 0.00	40.91 2.57 0.00	39.48 1.99 0.00	39.19 2.04 0.00	38.29 1.96 0.00	36.63 1.88 0.00	36.80 1.89 0.00	35.61 1.73 0.00	36.12 1.69 0.00	39.10 1.93 0.00	41.95 2.41 0.00	40.97 2.14 0.00	38.65 1.73 0.00	37.13 1.56 0.00	35.29 1.55 0.00	31.10 1.20 0.00	31.21 1.11 0.00
RANKINE____ 23646	29.95 -1.38 0.00	26.99 -1.66 0.00	25.84 -1.68 0.00	25.16 -1.66 0.00	25.62 -1.43 0.00	28.13 -1.64 0.00	34.36 -1.69 0.00	35.20 -2.94 0.00	35.74 -2.61 0.00	34.75 -2.74 0.00	34.02 -3.12 0.00	33.49 -2.83 0.00	32.05 -2.71 0.00	32.29 -2.62 0.00	31.81 -2.07 0.00	32.23 -2.20 0.00	35.34 -1.82 0.00	37.68 -1.86 0.00	37.28 -1.55 0.00	34.51 -2.40 0.00	33.00 -2.56 0.00	31.71 -2.02 0.00	28.71 -1.20 0.00	29.07 -1.02 0.00
RAVENSWOOD_GT2_1 24244	32.87 1.54 0.00	30.06 1.40 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.03 2.90 0.00	41.49 3.14 0.00	40.04 2.55 0.00	39.74 2.60 0.00	38.87 2.54 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.57 2.72 -0.02	39.24 2.33 0.00	37.63 2.06 0.00	35.72 1.99 0.00	31.43 1.53 0.00	31.54 1.44 0.00
RAVENSWOOD_GT2_2 24245	32.87 1.54 0.00	30.06 1.40 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.03 2.90 0.00	41.49 3.14 0.00	40.04 2.55 0.00	39.74 2.60 0.00	38.87 2.54 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.57 2.72 -0.02	39.24 2.33 0.00	37.63 2.06 0.00	35.72 1.99 0.00	31.43 1.53 0.00	31.54 1.44 0.00
RAVENSWOOD_GT2_3 24246	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.41 1.35 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.07 2.94 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.78 2.64 0.00	38.87 2.54 0.00	37.22 2.47 0.00	37.39 2.48 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.46 1.55 0.00	31.57 1.47 0.00
RAVENSWOOD_GT2_4 24247	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.41 1.35 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.07 2.94 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.78 2.64 0.00	38.87 2.54 0.00	37.22 2.47 0.00	37.39 2.48 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.46 1.55 0.00	31.57 1.47 0.00
RAVENSWOOD_GT3_1 24248	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.03 2.90 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.74 2.60 0.00	38.87 2.54 0.00	37.22 2.47 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.43 1.53 0.00	31.57 1.47 0.00



RAVENSWOOD_GT3_2 24249	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.03 2.90 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.74 2.60 0.00	38.87 2.54 0.00	37.22 2.47 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.61 2.76 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.43 1.53 0.00	31.57 1.47 0.00
RAVENSWOOD_GT3_3 24250	32.90 1.57 0.00	30.12 1.46 0.00	28.97 1.46 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.31 1.55 0.00	38.11 2.06 0.00	41.11 2.97 0.00	41.57 3.22 0.00	40.11 2.62 0.00	39.82 2.67 0.00	38.94 2.62 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.74 2.31 0.00	39.85 2.68 -0.02	42.68 3.12 -0.02	41.65 2.80 -0.02	39.31 2.40 0.00	37.70 2.13 0.00	35.79 2.06 0.00	31.49 1.58 0.00	31.60 1.50 0.00
RAVENSWOOD_GT3_4 24251	32.90 1.57 0.00	30.12 1.46 0.00	28.97 1.46 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.31 1.55 0.00	38.11 2.06 0.00	41.11 2.97 0.00	41.57 3.22 0.00	40.11 2.62 0.00	39.82 2.67 0.00	38.94 2.62 0.00	37.26 2.50 0.00	37.42 2.51 0.00	36.25 2.37 0.00	36.74 2.31 0.00	39.85 2.68 -0.02	42.68 3.12 -0.02	41.65 2.80 -0.02	39.31 2.40 0.00	37.70 2.13 0.00	35.79 2.06 0.00	31.49 1.58 0.00	31.60 1.50 0.00
RAVENSWOOD_GT_1 23729	32.90 1.57 0.00	30.12 1.46 0.00	28.97 1.46 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.11 2.97 -0.01	41.57 3.22 -0.01	40.08 2.59 0.00	39.83 2.67 -0.01	40.69 2.65 -1.71	38.75 2.57 -1.42	40.82 2.55 -3.36	36.32 2.41 -0.03	36.75 2.31 -0.01	40.63 2.71 -0.75	42.72 3.16 -0.02	44.20 2.87 -2.50	39.32 2.40 -0.01	37.76 2.17 -0.03	35.83 2.09 -0.01	31.46 1.55 0.00	31.63 1.53 0.00
RAVENSWOOD_GT_10 24258	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.03 2.90 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.74 2.60 0.00	38.87 2.54 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.57 2.72 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.72 1.99 0.00	31.43 1.53 0.00	31.54 1.44 0.00
RAVENSWOOD_GT_11 24259	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.03 2.90 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.74 2.60 0.00	38.87 2.54 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.57 2.72 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.72 1.99 0.00	31.43 1.53 0.00	31.54 1.44 0.00
RAVENSWOOD_GT_4 24252	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.31 1.55 0.00	38.08 2.02 0.00	41.04 2.90 -0.01	41.53 3.18 -0.01	40.04 2.55 0.00	39.75 2.60 -0.01	40.17 2.54 -1.30	38.27 2.43 -1.08	39.91 2.44 -2.56	36.21 2.30 -0.02	36.68 2.24 -0.01	40.31 2.56 -0.58	42.60 3.04 -0.02	43.46 2.72 -1.90	39.28 2.36 -0.01	37.65 2.06 -0.02	35.73 1.99 -0.01	31.43 1.53 0.00	31.54 1.44 0.00
RAVENSWOOD_GT_5 24254	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.31 1.55 0.00	38.08 2.02 0.00	41.04 2.90 -0.01	41.53 3.18 -0.01	40.04 2.55 0.00	39.75 2.60 -0.01	40.17 2.54 -1.30	38.27 2.43 -1.08	39.91 2.44 -2.56	36.21 2.30 -0.02	36.68 2.24 -0.01	40.31 2.56 -0.58	42.60 3.04 -0.02	43.46 2.72 -1.90	39.28 2.36 -0.01	37.65 2.06 -0.02	35.73 1.99 -0.01	31.43 1.53 0.00	31.54 1.44 0.00
RAVENSWOOD_GT_6 24253	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.31 1.55 0.00	38.08 2.02 0.00	41.04 2.90 -0.01	41.53 3.18 -0.01	40.04 2.55 0.00	39.75 2.60 -0.01	40.17 2.54 -1.30	38.27 2.43 -1.08	39.91 2.44 -2.56	36.21 2.30 -0.02	36.68 2.24 -0.01	40.31 2.56 -0.58	42.60 3.04 -0.02	43.46 2.72 -1.90	39.28 2.36 -0.01	37.65 2.06 -0.02	35.73 1.99 -0.01	31.43 1.53 0.00	31.54 1.44 0.00
RAVENSWOOD_GT_7 24255	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.31 1.55 0.00	38.08 2.02 0.00	41.04 2.90 -0.01	41.53 3.18 -0.01	40.04 2.55 0.00	39.75 2.60 -0.01	40.17 2.54 -1.30	38.27 2.43 -1.08	39.91 2.44 -2.56	36.21 2.30 -0.02	36.68 2.24 -0.01	40.31 2.56 -0.58	42.60 3.04 -0.02	43.46 2.72 -1.90	39.28 2.36 -0.01	37.65 2.06 -0.02	35.73 1.99 -0.01	31.43 1.53 0.00	31.54 1.44 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.03 2.90 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.74 2.60 0.00	38.87 2.54 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.57 2.72 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.72 1.99 0.00	31.43 1.53 0.00	31.54 1.44 0.00
RAVENSWOOD_GT_9 24257	32.87 1.54 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.24 1.42 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.03 2.90 0.00	41.53 3.18 0.00	40.04 2.55 0.00	39.74 2.60 0.00	38.87 2.54 0.00	37.19 2.43 0.00	37.35 2.44 0.00	36.19 2.30 0.00	36.67 2.24 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.57 2.72 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.72 1.99 0.00	31.43 1.53 0.00	31.54 1.44 0.00
RAVENSWOOD___1 23533	32.87 1.53 0.00	30.09 1.43 0.00	28.97 1.46 0.00	28.19 1.37 0.00	28.38 1.33 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.37 3.24 0.00	41.64 3.30 0.00	40.00 2.51 0.00	39.78 2.64 0.00	38.98 2.65 0.00	37.29 2.54 0.00	37.39 2.48 0.00	36.22 2.34 0.00	36.67 2.24 0.00	39.89 2.71 -0.02	42.67 3.12 -0.02	41.68 2.83 -0.02	39.28 2.36 0.00	37.66 2.10 0.00	35.79 2.06 0.00	31.46 1.55 0.00	31.63 1.53 0.00
RAVENSWOOD___2 23534	32.87 1.53 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.19 1.37 0.00	28.38 1.33 0.00	31.25 1.49 0.00	38.04 1.98 0.00	41.33 3.20 0.00	41.64 3.30 0.00	40.00 2.51 0.00	39.78 2.64 0.00	38.95 2.62 0.00	37.29 2.54 0.00	37.39 2.48 0.00	36.22 2.34 0.00	36.67 2.24 0.00	39.89 2.71 -0.02	42.67 3.12 -0.02	41.68 2.83 -0.02	39.28 2.36 0.00	37.63 2.06 0.00	35.79 2.06 0.00	31.43 1.52 0.00	31.60 1.50 0.00
RAVENSWOOD___3 23535	32.87 1.53 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.19 1.37 0.00	28.38 1.33 0.00	31.28 1.52 0.00	38.08 2.02 0.00	41.33 3.20 0.00	41.60 3.26 0.00	40.00 2.51 0.00	39.74 2.60 0.00	38.87 2.54 0.00	37.22 2.47 0.00	37.29 2.38 0.00	36.15 2.27 0.00	36.64 2.21 0.00	39.78 2.60 -0.02	42.60 3.04 -0.02	41.57 2.72 -0.02	39.24 2.33 0.00	37.59 2.03 0.00	35.72 1.99 0.00	31.43 1.52 0.00	31.57 1.47 0.00

RAVENSWOOD___4 23820	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.19 1.37 0.00	28.35 1.30 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.33 3.20 0.01	41.64 3.30 0.01	40.00 2.51 0.00	39.77 2.64 0.01	37.26 2.62 1.68	35.90 2.54 1.40	34.05 2.44 3.31	36.19 2.34 0.03	36.66 2.24 0.01	39.16 2.71 0.71	42.63 3.09 -0.01	39.24 2.83 2.43	39.27 2.36 0.01	37.60 2.06 0.03	35.75 2.02 0.01	31.43 1.52 0.00	31.60 1.50 0.00
RCPI_TRUST___DRP 24196	32.90 1.57 0.00	30.12 1.46 0.00	28.97 1.46 0.00	28.27 1.45 0.00	28.43 1.38 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.11 2.97 0.00	41.57 3.22 0.00	40.11 2.62 0.00	39.82 2.67 0.00	38.91 2.58 0.00	37.26 2.50 0.00	37.39 2.48 0.00	36.22 2.34 0.00	36.74 2.31 0.00	39.82 2.64 -0.02	42.64 3.08 -0.02	41.61 2.76 -0.02	39.31 2.40 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.49 1.58 0.00	31.60 1.50 0.00
RED___ROCHESTER 323720	30.36 -0.97 0.00	27.51 -1.15 0.00	26.38 -1.13 0.00	25.75 -1.07 0.00	26.08 -0.97 0.00	28.69 -1.07 0.00	35.05 -1.01 0.00	36.57 -1.57 0.00	36.62 -1.72 0.00	36.03 -1.46 0.00	35.44 -1.71 0.00	34.73 -1.60 0.00	33.23 -1.53 0.00	33.62 -1.29 0.00	32.63 -1.25 0.00	33.16 -1.27 0.00	36.20 -0.97 0.00	38.67 -0.87 0.00	38.02 -0.82 0.00	35.55 -1.37 0.00	34.25 -1.32 0.00	32.49 -1.25 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00
REGAN___SOLAR 323812	34.40 3.07 0.00	31.49 2.84 0.00	30.18 2.67 0.00	29.34 2.52 0.00	29.57 2.52 0.00	32.86 3.10 0.00	40.06 4.00 0.00	42.71 4.57 0.00	43.10 4.75 0.00	41.46 3.97 0.00	40.97 3.83 0.00	40.00 3.67 0.00	38.02 3.27 0.00	38.19 3.28 0.00	37.20 3.32 0.00	37.95 3.51 0.00	41.32 4.16 0.00	44.32 4.78 0.00	43.53 4.70 0.00	40.97 4.06 0.00	39.44 3.88 0.00	37.28 3.54 0.00	32.98 3.08 0.00	32.89 2.80 0.00
RENSSELAER___COGEN 23796	31.96 0.63 0.00	29.20 0.54 0.00	28.04 0.52 0.00	27.33 0.51 0.00	27.54 0.49 0.00	30.30 0.54 0.00	36.56 0.50 0.00	39.24 1.11 0.00	39.57 1.23 0.00	38.28 0.79 0.00	37.89 0.74 0.00	37.02 0.69 0.00	35.41 0.66 0.00	35.50 0.59 0.00	34.46 0.58 0.00	35.02 0.58 0.00	37.79 0.63 0.00	40.40 0.87 0.00	39.49 0.66 0.00	37.36 0.44 0.00	36.03 0.46 0.00	34.14 0.41 0.00	30.29 0.39 0.00	30.46 0.36 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.90 2.57 0.00	31.03 2.38 0.00	29.77 2.26 0.00	28.91 2.09 0.00	29.11 2.06 0.00	32.35 2.59 0.00	39.30 3.25 0.00	42.17 4.04 0.00	42.91 4.56 0.00	41.43 3.94 0.00	40.97 3.83 0.00	40.07 3.74 0.00	37.99 3.23 0.00	38.02 3.11 0.00	36.96 3.08 0.00	37.53 3.10 0.00	40.88 3.72 0.00	43.81 4.27 0.00	43.07 4.23 0.00	40.83 3.91 0.00	39.30 3.73 0.00	36.91 3.17 0.00	32.68 2.78 0.00	32.68 2.59 0.00
REVERE_CPPR_DRP 24186	32.18 0.85 0.00	29.34 0.69 0.00	28.17 0.66 0.00	27.44 0.62 0.00	27.73 0.68 0.00	30.60 0.83 0.00	37.32 1.26 0.00	39.47 1.33 0.00	39.69 1.34 0.00	38.69 1.20 0.00	38.37 1.23 0.00	37.56 1.24 0.00	35.87 1.11 0.00	35.99 1.08 0.00	35.07 1.19 0.00	35.60 1.17 0.00	38.61 1.45 0.00	41.47 1.94 0.00	40.66 1.83 0.00	38.32 1.40 0.00	36.92 1.35 0.00	34.92 1.18 0.00	30.92 1.02 0.00	31.06 0.96 0.00
REYNOLDS_115KV_TB3 80639	32.27 0.94 0.00	29.48 0.83 0.00	28.31 0.80 0.00	27.60 0.78 0.00	27.81 0.76 0.00	30.63 0.86 0.00	36.92 0.87 0.00	39.50 1.37 0.00	39.92 1.57 0.00	38.65 1.16 0.00	38.26 1.11 0.00	37.38 1.05 0.00	35.76 1.01 0.00	35.89 0.98 0.00	34.69 0.81 0.00	35.33 0.90 0.00	38.09 0.93 0.00	40.76 1.23 0.00	39.84 1.01 0.00	37.69 0.78 0.00	36.42 0.85 0.00	34.48 0.74 0.00	30.53 0.63 0.00	30.73 0.63 0.00
RIVERBAY____ 323610	33.15 1.82 0.00	30.40 1.75 0.00	29.28 1.76 0.00	28.51 1.69 0.00	28.65 1.60 0.00	31.46 1.70 0.00	38.26 2.20 0.00	41.26 3.13 0.00	41.76 3.41 0.00	40.19 2.70 0.00	39.93 2.79 0.00	39.09 2.76 0.00	37.40 2.64 0.00	37.56 2.65 0.00	36.39 2.51 0.00	36.84 2.41 0.00	40.04 2.86 -0.02	42.87 3.32 -0.02	41.88 3.03 -0.02	39.50 2.58 0.00	37.84 2.28 0.00	35.99 2.26 0.00	31.64 1.73 0.00	31.93 1.84 0.00
RIVERSDE_115KV_TB3 55908	32.05 0.72 0.00	29.26 0.60 0.00	28.12 0.61 0.00	27.41 0.59 0.00	27.60 0.54 0.00	30.39 0.63 0.00	36.67 0.61 0.00	39.24 1.11 0.00	39.69 1.34 0.00	38.43 0.94 0.00	38.04 0.89 0.00	37.16 0.84 0.00	35.56 0.80 0.00	35.68 0.77 0.00	34.56 0.68 0.00	35.16 0.72 0.00	37.91 0.74 0.00	40.56 1.03 0.00	39.73 0.89 0.00	37.54 0.63 0.00	36.28 0.71 0.00	34.34 0.61 0.00	30.41 0.51 0.00	30.58 0.48 0.00
ROARING___BROOK_WT_PWR 323790	30.70 -0.63 0.00	28.11 -0.55 0.00	26.96 -0.55 0.00	26.26 -0.56 0.00	26.48 -0.57 0.00	29.11 -0.65 0.00	35.23 -0.83 0.00	37.10 -1.03 0.00	37.35 -1.00 0.00	36.70 -0.79 0.00	36.40 -0.74 0.00	35.64 -0.69 0.00	34.13 -0.62 0.00	34.32 -0.59 0.00	33.37 -0.51 0.00	34.02 -0.41 0.00	36.68 -0.48 0.00	38.94 -0.59 0.00	38.33 -0.51 0.00	36.66 -0.26 0.00	35.35 -0.21 0.00	33.57 -0.17 0.00	29.84 -0.06 0.00	30.09 0.00 0.00
ROCHESRG_115KV_T4 355643	30.08 -1.25 0.00	27.25 -1.40 0.00	26.14 -1.38 0.00	25.43 -1.39 0.00	25.84 -1.22 0.00	28.42 -1.34 0.00	34.69 -1.37 0.00	35.96 -2.17 0.00	36.50 -1.84 0.00	35.58 -1.91 0.00	34.99 -2.15 0.00	34.29 -2.03 0.00	32.81 -1.95 0.00	32.99 -1.92 0.00	32.29 -1.59 0.00	32.75 -1.69 0.00	35.68 -1.49 0.00	37.99 -1.54 0.00	37.51 -1.32 0.00	35.07 -1.85 0.00	33.61 -1.96 0.00	32.08 -1.65 0.00	28.74 -1.17 0.00	28.95 -1.14 0.00
ROCHESTER_9_IC 23652	30.23 -1.10 0.00	27.42 -1.23 0.00	26.28 -1.24 0.00	25.56 -1.26 0.00	25.97 -1.08 0.00	28.57 -1.19 0.00	34.87 -1.19 0.00	36.19 -1.94 0.00	36.73 -1.61 0.00	35.84 -1.65 0.00	35.21 -1.93 0.00	34.55 -1.78 0.00	33.05 -1.70 0.00	33.20 -1.71 0.00	32.49 -1.39 0.00	32.95 -1.48 0.00	35.94 -1.23 0.00	38.27 -1.27 0.00	37.78 -1.05 0.00	35.29 -1.62 0.00	33.82 -1.74 0.00	32.28 -1.45 0.00	28.92 -0.99 0.00	29.10 -0.99 0.00
ROCKVIEW_13_KV_LD 356306	32.96 1.63 0.00	30.17 1.52 0.00	29.00 1.49 0.00	28.30 1.48 0.00	28.49 1.43 0.00	31.37 1.61 0.00	38.15 2.09 0.00	41.03 2.90 0.00	41.49 3.14 0.00	40.00 2.51 0.00	39.71 2.56 0.00	38.80 2.47 0.00	37.15 2.40 0.00	37.29 2.37 0.00	36.12 2.24 0.00	36.64 2.20 0.00	39.69 2.53 0.00	42.54 3.00 0.00	41.55 2.72 0.00	39.20 2.29 0.00	37.66 2.10 0.00	35.72 1.99 0.00	31.46 1.55 0.00	31.60 1.50 0.00
ROME____115KV_TB2 80656	32.18 0.85 0.00	29.34 0.69 0.00	28.17 0.66 0.00	27.44 0.62 0.00	27.73 0.68 0.00	30.60 0.83 0.00	37.32 1.26 0.00	39.47 1.33 0.00	39.69 1.34 0.00	38.69 1.20 0.00	38.37 1.23 0.00	37.56 1.24 0.00	35.87 1.11 0.00	35.99 1.08 0.00	35.07 1.19 0.00	35.60 1.17 0.00	38.61 1.45 0.00	41.47 1.94 0.00	40.66 1.83 0.00	38.32 1.40 0.00	36.92 1.35 0.00	34.92 1.18 0.00	30.92 1.02 0.00	31.06 0.96 0.00

ROSETON___1 23587	32.65 1.32 0.00	29.86 1.20 0.00	28.70 1.18 0.00	28.00 1.18 0.00	28.19 1.14 0.00	31.04 1.28 0.00	37.64 1.58 0.00	40.61 2.48 0.00	40.84 2.49 0.00	39.40 1.91 0.00	39.08 1.93 0.00	38.18 1.85 0.00	36.53 1.77 0.00	36.62 1.71 0.00	35.51 1.63 0.00	36.05 1.62 0.00	39.02 1.86 0.00	41.79 2.25 0.00	40.81 1.98 0.00	38.50 1.59 0.00	37.02 1.46 0.00	35.22 1.48 0.00	31.04 1.14 0.00	31.18 1.08 0.00
ROSETON___2 23588	32.65 1.32 0.00	29.86 1.20 0.00	28.70 1.18 0.00	28.00 1.18 0.00	28.19 1.14 0.00	31.04 1.28 0.00	37.64 1.58 0.00	40.61 2.48 0.00	40.84 2.49 0.00	39.40 1.91 0.00	39.08 1.93 0.00	38.18 1.85 0.00	36.53 1.77 0.00	36.62 1.71 0.00	35.51 1.63 0.00	36.05 1.62 0.00	39.02 1.86 0.00	41.79 2.25 0.00	40.81 1.98 0.00	38.50 1.59 0.00	37.02 1.46 0.00	35.22 1.48 0.00	31.04 1.14 0.00	31.18 1.08 0.00
ROTTTRDAM_115KV_TB3 80664	32.30 0.97 0.00	29.57 0.92 0.00	28.39 0.88 0.00	27.68 0.86 0.00	27.89 0.84 0.00	30.72 0.95 0.00	37.18 1.12 0.00	39.73 1.60 0.00	40.11 1.76 0.00	38.91 1.42 0.00	38.52 1.37 0.00	37.64 1.31 0.00	35.97 1.22 0.00	36.13 1.22 0.00	34.97 1.08 0.00	35.57 1.14 0.00	38.46 1.30 0.00	41.04 1.50 0.00	40.23 1.40 0.00	38.06 1.14 0.00	36.70 1.14 0.00	34.75 1.01 0.00	30.77 0.87 0.00	30.91 0.81 0.00
RUSSELL___1 23602	30.36 -0.97 0.00	27.51 -1.15 0.00	26.39 -1.13 0.00	25.67 -1.15 0.00	26.05 -1.00 0.00	28.69 -1.07 0.00	35.05 -1.01 0.00	36.34 -1.79 0.00	36.93 -1.42 0.00	36.03 -1.46 0.00	35.44 -1.71 0.00	34.73 -1.60 0.00	33.23 -1.53 0.00	33.41 -1.50 0.00	32.66 -1.22 0.00	33.16 -1.27 0.00	36.16 -1.00 0.00	38.51 -1.03 0.00	38.02 -0.82 0.00	35.51 -1.40 0.00	34.00 -1.56 0.00	32.45 -1.28 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00
RUSSELL___2 23532	30.36 -0.97 0.00	27.51 -1.15 0.00	26.39 -1.13 0.00	25.67 -1.15 0.00	26.05 -1.00 0.00	28.69 -1.07 0.00	35.05 -1.01 0.00	36.34 -1.79 0.00	36.93 -1.42 0.00	36.03 -1.46 0.00	35.44 -1.71 0.00	34.73 -1.60 0.00	33.23 -1.53 0.00	33.41 -1.50 0.00	32.66 -1.22 0.00	33.16 -1.27 0.00	36.16 -1.00 0.00	38.51 -1.03 0.00	38.02 -0.82 0.00	35.51 -1.40 0.00	34.00 -1.56 0.00	32.45 -1.28 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00
RUSSELL___3 23549	30.36 -0.97 0.00	27.51 -1.15 0.00	26.39 -1.13 0.00	25.67 -1.15 0.00	26.05 -1.00 0.00	28.69 -1.07 0.00	35.05 -1.01 0.00	36.34 -1.79 0.00	36.93 -1.42 0.00	36.03 -1.46 0.00	35.44 -1.71 0.00	34.73 -1.60 0.00	33.23 -1.53 0.00	33.41 -1.50 0.00	32.66 -1.22 0.00	33.16 -1.27 0.00	36.16 -1.00 0.00	38.51 -1.03 0.00	38.02 -0.82 0.00	35.51 -1.40 0.00	34.00 -1.56 0.00	32.45 -1.28 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00
RUSSELL___4 23556	30.36 -0.97 0.00	27.51 -1.15 0.00	26.39 -1.13 0.00	25.67 -1.15 0.00	26.05 -1.00 0.00	28.69 -1.07 0.00	35.05 -1.01 0.00	36.34 -1.79 0.00	36.93 -1.42 0.00	36.03 -1.46 0.00	35.44 -1.71 0.00	34.73 -1.60 0.00	33.23 -1.53 0.00	33.41 -1.50 0.00	32.66 -1.22 0.00	33.16 -1.27 0.00	36.16 -1.00 0.00	38.51 -1.03 0.00	38.02 -0.82 0.00	35.51 -1.40 0.00	34.00 -1.56 0.00	32.45 -1.28 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00
RUSSELL___STATION 23914	30.36 -0.97 0.00	27.51 -1.15 0.00	26.39 -1.13 0.00	25.67 -1.15 0.00	26.05 -1.00 0.00	28.69 -1.07 0.00	35.05 -1.01 0.00	36.34 -1.79 0.00	36.93 -1.42 0.00	36.03 -1.46 0.00	35.44 -1.71 0.00	34.73 -1.60 0.00	33.23 -1.53 0.00	33.41 -1.50 0.00	32.66 -1.22 0.00	33.16 -1.27 0.00	36.16 -1.00 0.00	38.51 -1.03 0.00	38.02 -0.82 0.00	35.51 -1.40 0.00	34.00 -1.56 0.00	32.45 -1.28 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00
S SALMON___HYD 24043	30.39 -0.94 0.00	27.71 -0.94 0.00	26.61 -0.91 0.00	25.91 -0.91 0.00	26.19 -0.87 0.00	28.87 -0.89 0.00	35.16 -0.90 0.00	37.22 -0.92 0.00	37.35 -1.00 0.00	36.48 -1.01 0.00	36.14 -1.00 0.00	35.38 -0.94 0.00	33.82 -0.94 0.00	34.00 -0.91 0.00	33.04 -0.85 0.00	33.57 -0.86 0.00	36.42 -0.74 0.00	38.98 -0.55 0.00	38.25 -0.58 0.00	36.10 -0.81 0.00	34.78 -0.78 0.00	32.89 -0.84 0.00	29.13 -0.78 0.00	29.28 -0.81 0.00
S.PERRY___115KV_TB1 80734	31.49 0.16 0.00	28.48 -0.17 0.00	27.27 -0.25 0.00	26.47 -0.35 0.00	26.92 -0.14 0.00	29.67 -0.09 0.00	36.42 0.36 0.00	37.75 -0.38 0.00	38.35 0.00 0.00	37.38 -0.11 0.00	36.62 -0.52 0.00	35.93 -0.40 0.00	34.37 -0.38 0.00	34.53 -0.38 0.00	33.88 0.00 0.00	34.47 0.03 0.00	37.83 0.67 0.00	40.37 0.83 0.00	39.96 1.13 0.00	37.14 0.22 0.00	35.56 0.00 0.00	33.90 0.17 0.00	30.29 0.39 0.00	30.49 0.39 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.55 -1.79 0.00	26.65 -2.01 0.00	25.51 -2.01 0.00	24.84 -1.98 0.00	25.30 -1.76 0.00	27.77 -1.99 0.00	33.93 -2.13 0.00	34.66 -3.47 0.00	35.24 -3.11 0.00	34.27 -3.22 0.00	33.50 -3.64 0.00	32.99 -3.34 0.00	31.56 -3.20 0.00	31.77 -3.14 0.00	31.31 -2.57 0.00	31.71 -2.72 0.00	34.75 -2.42 0.00	37.05 -2.49 0.00	36.62 -2.21 0.00	33.96 -2.95 0.00	32.47 -3.09 0.00	31.17 -2.56 0.00	28.26 -1.64 0.00	28.62 -1.47 0.00
SAWYER___23_KV_LOAD 55526	29.55 -1.79 0.00	26.65 -2.01 0.00	25.51 -2.01 0.00	24.84 -1.98 0.00	25.30 -1.76 0.00	27.77 -1.99 0.00	33.93 -2.13 0.00	34.66 -3.47 0.00	35.24 -3.11 0.00	34.27 -3.22 0.00	33.50 -3.64 0.00	32.99 -3.34 0.00	31.56 -3.20 0.00	31.77 -3.14 0.00	31.31 -2.57 0.00	31.71 -2.72 0.00	34.75 -2.42 0.00	37.05 -2.49 0.00	36.62 -2.21 0.00	33.96 -2.95 0.00	32.47 -3.09 0.00	31.17 -2.56 0.00	28.26 -1.64 0.00	28.62 -1.47 0.00
SELKIRK___I 23801	32.24 0.91 0.00	29.49 0.83 0.00	28.31 0.80 0.00	27.57 0.75 0.00	27.78 0.73 0.00	30.60 0.83 0.00	36.92 0.86 0.00	39.54 1.41 0.00	39.84 1.49 0.00	38.58 1.09 0.00	38.18 1.04 0.00	37.34 1.02 0.00	35.69 0.94 0.00	35.82 0.91 0.00	34.73 0.85 0.00	35.30 0.86 0.00	38.13 0.96 0.00	40.72 1.18 0.00	39.84 1.01 0.00	37.69 0.78 0.00	36.35 0.78 0.00	34.44 0.71 0.00	30.56 0.66 0.00	30.73 0.63 0.00
SELKIRK___II 23799	32.05 0.72 0.00	29.31 0.66 0.00	28.15 0.63 0.00	27.44 0.62 0.00	27.65 0.59 0.00	30.42 0.65 0.00	36.74 0.68 0.00	39.39 1.26 0.00	39.69 1.34 0.00	38.43 0.94 0.00	38.03 0.89 0.00	37.16 0.84 0.00	35.56 0.80 0.00	35.68 0.77 0.00	34.59 0.71 0.00	35.16 0.72 0.00	37.98 0.82 0.00	40.56 1.03 0.00	39.69 0.85 0.00	37.54 0.63 0.00	36.17 0.60 0.00	34.31 0.57 0.00	30.41 0.51 0.00	30.57 0.48 0.00
SENECA OSWGO___HYD 24041	30.52 -0.81 0.00	27.82 -0.83 0.00	26.74 -0.77 0.00	26.04 -0.78 0.00	26.30 -0.76 0.00	28.96 -0.80 0.00	35.19 -0.87 0.00	37.22 -0.92 0.00	37.39 -0.96 0.00	36.48 -1.01 0.00	36.14 -1.00 0.00	35.38 -0.94 0.00	33.82 -0.94 0.00	34.00 -0.91 0.00	33.00 -0.88 0.00	33.54 -0.90 0.00	36.35 -0.82 0.00	38.83 -0.71 0.00	38.09 -0.74 0.00	35.92 -0.99 0.00	34.64 -0.92 0.00	32.83 -0.91 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00

SENECA___115KV_TB3 355854	29.98 -1.35 0.00	27.02 -1.63 0.00	25.86 -1.65 0.00	25.19 -1.64 0.00	25.65 -1.41 0.00	28.16 -1.61 0.00	34.44 -1.62 0.00	35.27 -2.86 0.00	35.78 -2.57 0.00	34.83 -2.66 0.00	34.06 -3.08 0.00	33.53 -2.80 0.00	32.11 -2.64 0.00	32.36 -2.55 0.00	31.88 -2.00 0.00	32.26 -2.17 0.00	35.42 -1.75 0.00	37.76 -1.78 0.00	37.36 -1.48 0.00	34.59 -2.33 0.00	33.07 -2.49 0.00	31.74 -1.99 0.00	28.77 -1.14 0.00	29.13 -0.96 0.00
SENECA___ENERGY 23797	30.92 -0.41 0.00	28.14 -0.51 0.00	26.99 -0.52 0.00	26.31 -0.51 0.00	26.62 -0.43 0.00	29.38 -0.39 0.00	35.73 -0.33 0.00	37.68 -0.46 0.00	37.81 -0.54 0.00	36.93 -0.56 0.00	36.51 -0.63 0.00	35.75 -0.58 0.00	34.20 -0.56 0.00	34.42 -0.49 0.00	33.44 -0.44 0.00	33.99 -0.45 0.00	36.86 -0.30 0.00	39.46 -0.08 0.00	38.79 -0.04 0.00	36.47 -0.44 0.00	35.14 -0.43 0.00	33.26 -0.47 0.00	29.51 -0.39 0.00	29.70 -0.39 0.00
SHOEMAKER___GT 23640	32.46 1.13 0.00	29.68 1.03 0.00	28.53 1.02 0.00	27.82 0.99 0.00	28.03 0.97 0.00	30.87 1.10 0.00	37.46 1.40 0.00	40.27 2.13 0.00	40.49 2.15 0.00	39.06 1.57 0.00	38.74 1.60 0.00	37.85 1.53 0.00	36.22 1.46 0.00	36.31 1.40 0.00	35.24 1.36 0.00	35.78 1.34 0.00	38.76 1.60 0.00	41.51 1.98 0.00	40.58 1.75 0.00	38.28 1.37 0.00	36.81 1.24 0.00	35.02 1.28 0.00	30.89 0.99 0.00	31.03 0.93 0.00
SHOEMAKR_138KV_BK 111 55601	32.43 1.10 0.00	29.69 1.03 0.00	28.53 1.02 0.00	27.84 1.02 0.00	28.03 0.97 0.00	30.86 1.10 0.00	37.47 1.41 0.00	40.04 1.91 0.00	40.45 2.11 0.00	39.10 1.61 0.00	38.78 1.63 0.00	37.89 1.56 0.00	36.25 1.49 0.00	36.41 1.50 0.00	35.27 1.39 0.00	35.78 1.34 0.00	38.76 1.60 0.00	41.51 1.98 0.00	40.58 1.75 0.00	38.32 1.40 0.00	36.84 1.28 0.00	35.02 1.28 0.00	30.89 0.99 0.00	31.03 0.93 0.00
SHOREHAM_IC_1 23715	36.53 2.38 -2.82	33.17 2.24 -2.28	31.31 2.26 -1.54	30.02 2.23 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.97 3.28 -3.63	49.22 4.27 -6.81	48.96 4.37 -6.24	41.85 3.38 -0.99	43.14 3.83 -2.16	39.49 3.16 0.00	39.35 3.13 -1.47	39.35 3.07 -1.37	40.35 3.25 -3.22	39.41 2.99 -1.98	41.92 3.38 -1.38	53.24 4.07 -9.63	50.80 3.81 -8.16	44.49 3.14 -4.44	41.28 3.13 -2.59	38.39 2.83 -1.83	37.37 2.27 -5.19	32.23 2.14 0.00
SHOREHAM_IC_2 23716	36.53 2.38 -2.82	33.17 2.24 -2.28	31.31 2.26 -1.54	30.02 2.23 -0.98	29.96 2.19 -0.71	33.83 2.41 -1.66	42.97 3.28 -3.63	49.22 4.27 -6.81	48.96 4.37 -6.24	41.85 3.38 -0.99	43.14 3.83 -2.16	39.49 3.16 0.00	39.35 3.13 -1.47	39.35 3.07 -1.37	40.35 3.25 -3.22	39.41 2.99 -1.98	41.92 3.38 -1.38	53.24 4.07 -9.63	50.80 3.81 -8.16	44.49 3.14 -4.44	41.28 3.13 -2.59	38.39 2.83 -1.83	37.37 2.27 -5.19	32.23 2.14 0.00
SISSONVILLE____ 23735	30.70 -0.63 0.00	28.28 -0.37 0.00	27.13 -0.39 0.00	26.45 -0.38 0.00	26.70 -0.35 0.00	29.38 -0.39 0.00	35.66 -0.40 0.00	37.79 -0.34 0.00	37.73 -0.61 0.00	37.34 -0.15 0.00	37.07 -0.07 0.00	36.29 -0.04 0.00	34.76 0.00 0.00	34.95 0.03 0.00	33.95 0.07 0.00	34.40 -0.03 0.00	36.57 -0.59 0.00	38.35 -1.19 0.00	37.78 -1.05 0.00	36.40 -0.52 0.00	35.10 -0.46 0.00	33.16 -0.57 0.00	29.66 -0.24 0.00	30.06 -0.03 0.00
SITHE_IND_GS1 24169	30.11 -1.22 0.00	27.51 -1.15 0.00	26.41 -1.10 0.00	25.75 -1.07 0.00	25.97 -1.08 0.00	28.57 -1.19 0.00	34.73 -1.33 0.00	36.68 -1.45 0.00	36.85 -1.50 0.00	35.99 -1.50 0.00	35.62 -1.52 0.00	34.87 -1.45 0.00	33.36 -1.39 0.00	33.55 -1.36 0.00	32.56 -1.32 0.00	33.09 -1.34 0.00	35.79 -1.37 0.00	38.23 -1.30 0.00	37.51 -1.32 0.00	35.47 -1.44 0.00	34.18 -1.39 0.00	32.38 -1.35 0.00	28.74 -1.17 0.00	28.92 -1.17 0.00
SITHE_IND_GS2 24170	30.11 -1.22 0.00	27.51 -1.15 0.00	26.41 -1.10 0.00	25.75 -1.07 0.00	25.97 -1.08 0.00	28.57 -1.19 0.00	34.73 -1.33 0.00	36.68 -1.45 0.00	36.85 -1.50 0.00	35.99 -1.50 0.00	35.62 -1.52 0.00	34.87 -1.45 0.00	33.36 -1.39 0.00	33.55 -1.36 0.00	32.56 -1.32 0.00	33.09 -1.34 0.00	35.79 -1.37 0.00	38.23 -1.30 0.00	37.51 -1.32 0.00	35.47 -1.44 0.00	34.18 -1.39 0.00	32.38 -1.35 0.00	28.74 -1.17 0.00	28.92 -1.17 0.00
SITHE_IND_GS3 24171	30.11 -1.22 0.00	27.51 -1.15 0.00	26.41 -1.10 0.00	25.75 -1.07 0.00	25.97 -1.08 0.00	28.57 -1.19 0.00	34.73 -1.33 0.00	36.68 -1.45 0.00	36.85 -1.50 0.00	35.99 -1.50 0.00	35.62 -1.52 0.00	34.87 -1.45 0.00	33.36 -1.39 0.00	33.55 -1.36 0.00	32.56 -1.32 0.00	33.09 -1.34 0.00	35.79 -1.37 0.00	38.23 -1.30 0.00	37.51 -1.32 0.00	35.47 -1.44 0.00	34.18 -1.39 0.00	32.38 -1.35 0.00	28.74 -1.17 0.00	28.92 -1.17 0.00
SITHE_IND_GS4 24172	30.11 -1.22 0.00	27.51 -1.15 0.00	26.41 -1.10 0.00	25.75 -1.07 0.00	25.97 -1.08 0.00	28.57 -1.19 0.00	34.73 -1.33 0.00	36.68 -1.45 0.00	36.85 -1.50 0.00	35.99 -1.50 0.00	35.62 -1.52 0.00	34.87 -1.45 0.00	33.36 -1.39 0.00	33.55 -1.36 0.00	32.56 -1.32 0.00	33.09 -1.34 0.00	35.79 -1.37 0.00	38.23 -1.30 0.00	37.51 -1.32 0.00	35.47 -1.44 0.00	34.18 -1.39 0.00	32.38 -1.35 0.00	28.74 -1.17 0.00	28.92 -1.17 0.00
SITHE___BATAVIA 24024	30.23 -1.10 0.00	27.34 -1.32 0.00	26.14 -1.37 0.00	25.54 -1.29 0.00	25.94 -1.11 0.00	28.54 -1.22 0.00	34.90 -1.16 0.00	36.11 -2.02 0.00	36.01 -2.34 0.00	35.54 -1.95 0.00	34.73 -2.41 0.00	34.11 -2.22 0.00	32.63 -2.12 0.00	33.17 -1.74 0.00	32.15 -1.73 0.00	32.75 -1.69 0.00	35.97 -1.19 0.00	38.47 -1.07 0.00	37.86 -0.97 0.00	35.14 -1.77 0.00	33.93 -1.64 0.00	32.18 -1.55 0.00	28.98 -0.93 0.00	29.22 -0.87 0.00
SITHE___INDEPEND 23800	30.11 -1.22 0.00	27.51 -1.15 0.00	26.41 -1.10 0.00	25.72 -1.10 0.00	25.97 -1.08 0.00	28.60 -1.16 0.00	34.73 -1.33 0.00	36.61 -1.53 0.00	36.89 -1.46 0.00	35.99 -1.50 0.00	35.62 -1.52 0.00	34.87 -1.45 0.00	33.37 -1.39 0.00	33.51 -1.40 0.00	32.56 -1.32 0.00	33.09 -1.34 0.00	35.79 -1.38 0.00	38.19 -1.34 0.00	37.51 -1.32 0.00	35.47 -1.44 0.00	34.14 -1.42 0.00	32.39 -1.35 0.00	28.74 -1.17 0.00	28.92 -1.17 0.00
SITHE___MASSENA 23902	31.39 0.06 0.00	28.88 0.23 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.27 0.22 0.00	29.97 0.21 0.00	36.10 0.04 0.00	37.79 -0.34 0.00	38.08 -0.27 0.00	37.60 0.11 0.00	37.33 0.19 0.00	36.51 0.18 0.00	34.97 0.21 0.00	35.12 0.21 0.00	34.12 0.24 0.00	34.68 0.24 0.00	37.16 0.00 0.00	39.02 -0.52 0.00	38.52 -0.31 0.00	37.10 0.19 0.00	35.74 0.18 0.00	33.84 0.10 0.00	30.23 0.33 0.00	30.52 0.42 0.00
SITHE___OGDNSBRG 24021	31.58 0.25 0.00	29.05 0.40 0.00	27.84 0.33 0.00	27.14 0.32 0.00	27.41 0.35 0.00	30.18 0.42 0.00	36.49 0.43 0.00	38.59 0.46 0.00	38.50 0.15 0.00	38.16 0.67 0.00	37.89 0.74 0.00	37.05 0.73 0.00	35.49 0.73 0.00	35.64 0.73 0.00	34.66 0.78 0.00	35.16 0.72 0.00	37.57 0.41 0.00	39.50 -0.04 0.00	38.91 0.08 0.00	37.50 0.59 0.00	36.13 0.57 0.00	34.14 0.40 0.00	30.50 0.60 0.00	30.82 0.72 0.00

SITHE___STERLING 23777	32.02 0.69 0.00	29.23 0.57 0.00	28.06 0.55 0.00	27.33 0.51 0.00	27.62 0.57 0.00	30.48 0.71 0.00	37.14 1.08 0.00	39.31 1.18 0.00	39.46 1.11 0.00	38.46 0.97 0.00	38.11 0.96 0.00	37.31 0.98 0.00	35.63 0.87 0.00	35.78 0.87 0.00	34.80 0.92 0.00	35.36 0.93 0.00	38.32 1.15 0.00	41.04 1.50 0.00	40.23 1.40 0.00	37.95 1.03 0.00	36.60 1.03 0.00	34.61 0.88 0.00	30.62 0.72 0.00	30.82 0.72 0.00
SLEIGHT__34_KV_TB1 80719	30.42 -0.91 0.00	27.65 -1.00 0.00	26.52 -0.99 0.00	25.80 -1.02 0.00	26.16 -0.89 0.00	28.84 -0.92 0.00	35.19 -0.87 0.00	36.76 -1.37 0.00	37.27 -1.07 0.00	36.33 -1.16 0.00	35.88 -1.26 0.00	35.13 -1.20 0.00	33.61 -1.15 0.00	33.76 -1.15 0.00	32.97 -0.91 0.00	33.44 -1.00 0.00	36.35 -0.82 0.00	38.75 -0.79 0.00	38.17 -0.66 0.00	35.77 -1.14 0.00	34.32 -1.24 0.00	32.65 -1.08 0.00	29.10 -0.81 0.00	29.25 -0.84 0.00
SOUTH CAIRO___GT 23612	33.12 1.78 0.00	30.20 1.55 0.00	29.03 1.51 0.00	28.24 1.42 0.00	28.41 1.35 0.00	31.46 1.70 0.00	38.11 2.05 0.00	40.57 2.44 0.00	40.99 2.64 0.00	39.40 1.91 0.00	38.89 1.75 0.00	37.96 1.64 0.00	36.18 1.43 0.00	36.34 1.43 0.00	35.30 1.42 0.00	35.95 1.51 0.00	39.09 1.93 0.00	41.91 2.37 0.00	40.93 2.10 0.00	38.61 1.70 0.00	37.20 1.64 0.00	35.25 1.52 0.00	31.31 1.41 0.00	31.39 1.29 0.00
SOUTH HAMPTN___IC 23720	37.16 3.01 -2.82	33.74 2.81 -2.28	31.83 2.78 -1.54	30.51 2.71 -0.98	30.47 2.71 -0.71	34.40 2.98 -1.66	43.72 4.04 -3.63	50.09 5.15 -6.81	49.76 5.17 -6.24	42.68 4.20 -0.99	43.88 4.57 -2.16	40.29 3.96 0.00	40.08 3.86 -1.47	40.12 3.84 -1.37	41.03 3.93 -3.22	40.13 3.72 -1.98	42.77 4.23 -1.38	54.19 5.02 -9.63	51.73 4.74 -8.16	45.38 4.02 -4.44	42.03 3.88 -2.59	39.07 3.51 -1.83	37.97 2.87 -5.19	32.83 2.74 0.00
SOUTHDOW_115KV_TB1 355954	30.83 -0.50 0.00	27.71 -0.95 0.00	26.50 -1.02 0.00	25.83 -0.99 0.00	26.27 -0.78 0.00	28.87 -0.89 0.00	35.52 -0.54 0.00	36.53 -1.60 0.00	36.93 -1.42 0.00	36.03 -1.46 0.00	34.95 -2.19 0.00	34.40 -1.93 0.00	32.98 -1.77 0.00	33.27 -1.64 0.00	32.86 -1.02 0.00	33.30 -1.14 0.00	36.72 -0.45 0.00	39.30 -0.24 0.00	38.95 0.12 0.00	35.84 -1.07 0.00	34.36 -1.21 0.00	32.99 -0.74 0.00	29.84 -0.06 0.00	30.24 0.15 0.00
SOUTHOLD_69_KV_BK 2 55809	37.56 3.42 -2.82	34.12 3.18 -2.28	32.19 3.14 -1.54	30.96 3.17 -0.98	30.88 3.11 -0.71	34.78 3.36 -1.66	44.26 4.58 -3.63	50.36 5.41 -6.81	50.30 5.71 -6.24	43.20 4.72 -0.99	44.40 5.09 -2.16	40.76 4.43 0.00	40.57 4.34 -1.47	40.64 4.36 -1.37	41.54 4.44 -3.22	40.65 4.24 -1.98	43.33 4.79 -1.38	54.86 5.69 -9.63	52.43 5.44 -8.16	45.97 4.61 -4.44	42.60 4.45 -2.59	39.57 4.01 -1.83	38.39 3.29 -5.19	33.22 3.13 0.00
SOUTHOLD___IC 23719	37.56 3.42 -2.82	34.12 3.18 -2.28	32.19 3.14 -1.54	30.86 3.06 -0.98	30.82 3.06 -0.71	34.78 3.36 -1.66	44.27 4.58 -3.63	50.66 5.72 -6.81	50.34 5.75 -6.24	43.16 4.69 -0.99	44.40 5.09 -2.16	40.76 4.43 0.00	40.57 4.34 -1.47	40.61 4.33 -1.37	41.54 4.44 -3.22	40.61 4.20 -1.98	43.37 4.83 -1.38	54.86 5.69 -9.63	52.43 5.44 -8.16	45.97 4.61 -4.44	42.56 4.41 -2.59	39.54 3.98 -1.83	38.39 3.29 -5.19	33.22 3.13 0.00
SOUTH_FORK_WT_PWR 323839	37.66 3.51 -2.82	34.20 3.27 -2.28	32.27 3.22 -1.54	30.94 3.14 -0.98	30.90 3.14 -0.71	34.87 3.45 -1.66	44.37 4.69 -3.63	50.78 5.83 -6.81	50.46 5.87 -6.24	43.32 4.84 -0.99	44.51 5.20 -2.16	40.87 4.54 0.00	40.67 4.45 -1.47	40.71 4.43 -1.37	41.61 4.51 -3.22	40.72 4.30 -1.98	43.48 4.94 -1.38	54.98 5.81 -9.63	52.55 5.55 -8.16	46.08 4.73 -4.44	42.63 4.48 -2.59	39.64 4.08 -1.83	38.47 3.38 -5.19	33.32 3.22 0.00
SPIERFLS_115KV_TB 1 80737	32.71 1.38 0.00	29.94 1.29 0.00	28.72 1.21 0.00	27.98 1.15 0.00	28.16 1.11 0.00	31.16 1.40 0.00	37.79 1.73 0.00	40.46 2.33 0.00	40.99 2.65 0.00	39.66 2.17 0.00	39.22 2.08 0.00	38.36 2.03 0.00	36.53 1.77 0.00	36.62 1.71 0.00	35.51 1.63 0.00	36.12 1.69 0.00	39.36 2.19 0.00	42.11 2.57 0.00	41.36 2.52 0.00	39.31 2.40 0.00	37.88 2.31 0.00	35.72 1.99 0.00	31.61 1.70 0.00	31.72 1.63 0.00
ST LAWRENCE____ 23600	31.14 -0.19 0.00	28.57 -0.09 0.00	27.43 -0.08 0.00	26.74 -0.08 0.00	26.97 -0.08 0.00	29.64 -0.12 0.00	35.77 -0.29 0.00	37.48 -0.65 0.00	37.69 -0.65 0.00	37.27 -0.22 0.00	36.96 -0.18 0.00	36.15 -0.18 0.00	34.62 -0.14 0.00	34.77 -0.14 0.00	33.78 -0.10 0.00	34.33 -0.10 0.00	36.86 -0.30 0.00	38.75 -0.79 0.00	38.21 -0.62 0.00	36.80 -0.11 0.00	35.46 -0.11 0.00	33.60 -0.13 0.00	29.90 0.00 0.00	30.18 0.09 0.00
STATE_CA_115KV_115_LB 55624	32.05 0.72 0.00	29.28 0.63 0.00	28.12 0.61 0.00	27.41 0.59 0.00	27.62 0.57 0.00	30.42 0.65 0.00	36.74 0.69 0.00	39.31 1.18 0.00	39.73 1.38 0.00	38.50 1.01 0.00	38.11 0.97 0.00	37.24 0.91 0.00	35.62 0.87 0.00	35.75 0.84 0.00	34.63 0.75 0.00	35.19 0.76 0.00	37.98 0.82 0.00	40.60 1.07 0.00	39.77 0.93 0.00	37.58 0.66 0.00	36.28 0.71 0.00	34.34 0.61 0.00	30.41 0.51 0.00	30.58 0.48 0.00
STATE_ST_34_KV_LOAD 55959	31.17 -0.16 0.00	28.42 -0.23 0.00	27.29 -0.22 0.00	26.58 -0.24 0.00	26.86 -0.19 0.00	29.64 -0.12 0.00	36.10 0.04 0.00	37.98 -0.15 0.00	38.38 0.04 0.00	37.38 -0.11 0.00	37.00 -0.15 0.00	36.22 -0.11 0.00	34.65 -0.10 0.00	34.81 -0.10 0.00	33.85 -0.03 0.00	34.37 -0.07 0.00	37.27 0.11 0.00	39.85 0.32 0.00	39.14 0.31 0.00	36.84 -0.07 0.00	35.42 -0.14 0.00	33.60 -0.13 0.00	29.78 -0.12 0.00	29.94 -0.15 0.00
STATION 5_MISC_HYD 23604	30.23 -1.10 0.00	27.42 -1.23 0.00	26.28 -1.24 0.00	25.64 -1.18 0.00	25.97 -1.08 0.00	28.57 -1.19 0.00	34.87 -1.19 0.00	36.38 -1.75 0.00	36.43 -1.92 0.00	35.84 -1.65 0.00	35.21 -1.93 0.00	34.55 -1.78 0.00	33.05 -1.70 0.00	33.45 -1.46 0.00	32.43 -1.46 0.00	32.99 -1.44 0.00	35.97 -1.19 0.00	38.43 -1.11 0.00	37.79 -1.05 0.00	35.33 -1.59 0.00	34.07 -1.49 0.00	32.32 -1.42 0.00	28.92 -0.99 0.00	29.10 -0.99 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.80 -0.53 0.00	27.97 -0.69 0.00	26.83 -0.69 0.00	26.10 -0.72 0.00	26.46 -0.60 0.00	29.20 -0.57 0.00	35.63 -0.43 0.00	37.18 -0.95 0.00	37.66 -0.69 0.00	36.74 -0.75 0.00	36.22 -0.93 0.00	35.49 -0.84 0.00	33.96 -0.80 0.00	34.11 -0.80 0.00	33.31 -0.58 0.00	33.78 -0.65 0.00	36.79 -0.37 0.00	39.22 -0.32 0.00	38.68 -0.16 0.00	36.21 -0.70 0.00	34.75 -0.82 0.00	33.06 -0.67 0.00	29.48 -0.42 0.00	29.61 -0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.11 -1.22 0.00	27.31 -1.35 0.00	26.19 -1.32 0.00	25.48 -1.34 0.00	25.86 -1.19 0.00	28.48 -1.28 0.00	34.76 -1.30 0.00	36.11 -2.02 0.00	36.66 -1.69 0.00	35.76 -1.72 0.00	35.18 -1.97 0.00	34.51 -1.82 0.00	33.02 -1.74 0.00	33.17 -1.75 0.00	32.42 -1.46 0.00	32.88 -1.55 0.00	35.86 -1.30 0.00	38.19 -1.34 0.00	37.67 -1.16 0.00	35.22 -1.70 0.00	33.75 -1.81 0.00	32.22 -1.52 0.00	28.80 -1.11 0.00	28.98 -1.11 0.00

STA_56___34_KV_BUS2 355983	30.11 -1.22 0.00	27.31 -1.35 0.00	26.19 -1.32 0.00	25.48 -1.34 0.00	25.86 -1.19 0.00	28.48 -1.28 0.00	34.76 -1.30 0.00	36.11 -2.02 0.00	36.66 -1.69 0.00	35.76 -1.72 0.00	35.18 -1.97 0.00	34.51 -1.82 0.00	33.02 -1.74 0.00	33.17 -1.75 0.00	32.42 -1.46 0.00	32.88 -1.55 0.00	35.86 -1.30 0.00	38.19 -1.34 0.00	37.67 -1.16 0.00	35.22 -1.70 0.00	33.75 -1.81 0.00	32.22 -1.52 0.00	28.80 -1.11 0.00	28.98 -1.11 0.00
STA_67___115KV_BK2 355882	30.17 -1.16 0.00	27.36 -1.29 0.00	26.22 -1.29 0.00	25.51 -1.31 0.00	25.92 -1.14 0.00	28.51 -1.25 0.00	34.80 -1.26 0.00	36.11 -2.02 0.00	36.66 -1.69 0.00	35.73 -1.76 0.00	35.14 -2.01 0.00	34.48 -1.85 0.00	32.95 -1.81 0.00	33.13 -1.78 0.00	32.42 -1.46 0.00	32.88 -1.55 0.00	35.86 -1.30 0.00	38.15 -1.38 0.00	37.67 -1.16 0.00	35.22 -1.70 0.00	33.75 -1.81 0.00	32.22 -1.52 0.00	28.86 -1.05 0.00	29.04 -1.05 0.00
STA_7___115KV_9TRANS 80674	30.36 -0.97 0.00	27.51 -1.15 0.00	26.39 -1.13 0.00	25.67 -1.15 0.00	26.05 -1.00 0.00	28.69 -1.07 0.00	35.05 -1.01 0.00	36.34 -1.79 0.00	36.93 -1.42 0.00	36.03 -1.46 0.00	35.44 -1.71 0.00	34.73 -1.60 0.00	33.23 -1.53 0.00	33.41 -1.50 0.00	32.66 -1.22 0.00	33.16 -1.27 0.00	36.16 -1.00 0.00	38.51 -1.03 0.00	38.02 -0.82 0.00	35.51 -1.40 0.00	34.00 -1.56 0.00	32.45 -1.28 0.00	29.07 -0.84 0.00	29.22 -0.87 0.00
STA_82___115KV_TB1 80780	30.20 -1.13 0.00	27.36 -1.29 0.00	26.25 -1.27 0.00	25.54 -1.29 0.00	25.92 -1.14 0.00	28.54 -1.22 0.00	34.83 -1.23 0.00	36.11 -2.02 0.00	36.70 -1.65 0.00	35.76 -1.72 0.00	35.18 -1.97 0.00	34.48 -1.85 0.00	32.98 -1.77 0.00	33.13 -1.78 0.00	32.42 -1.46 0.00	32.92 -1.52 0.00	35.86 -1.30 0.00	38.19 -1.34 0.00	37.71 -1.13 0.00	35.22 -1.70 0.00	33.75 -1.81 0.00	32.22 -1.52 0.00	28.86 -1.05 0.00	29.07 -1.02 0.00
STEEL___WIND 323596	29.95 -1.38 0.00	26.99 -1.66 0.00	25.83 -1.68 0.00	25.27 -1.56 0.00	25.65 -1.41 0.00	28.16 -1.61 0.00	34.40 -1.66 0.00	35.58 -2.55 0.00	35.32 -3.03 0.00	34.83 -2.66 0.00	34.02 -3.12 0.00	33.49 -2.83 0.00	32.08 -2.68 0.00	32.68 -2.24 0.00	31.71 -2.17 0.00	32.27 -2.17 0.00	35.45 -1.71 0.00	37.95 -1.58 0.00	37.36 -1.48 0.00	34.59 -2.32 0.00	33.43 -2.13 0.00	31.74 -1.99 0.00	28.74 -1.17 0.00	29.10 -0.99 0.00
STEPHTWN_115KV_BK_2 55603	32.37 1.03 0.00	29.54 0.89 0.00	28.37 0.85 0.00	27.63 0.80 0.00	27.84 0.78 0.00	30.72 0.95 0.00	37.11 1.05 0.00	39.69 1.56 0.00	40.19 1.84 0.00	38.91 1.42 0.00	38.52 1.37 0.00	37.64 1.31 0.00	35.94 1.18 0.00	36.06 1.15 0.00	34.93 1.05 0.00	35.54 1.10 0.00	38.31 1.15 0.00	41.04 1.50 0.00	40.11 1.28 0.00	37.91 1.00 0.00	36.60 1.03 0.00	34.61 0.88 0.00	30.68 0.78 0.00	30.82 0.72 0.00
STEBUBEN_REC_LFGE 323667	31.27 -0.06 0.00	28.22 -0.43 0.00	27.02 -0.50 0.00	26.31 -0.51 0.00	26.73 -0.32 0.00	29.47 -0.30 0.00	36.06 0.00 0.00	37.44 -0.69 0.00	37.96 -0.38 0.00	36.89 -0.60 0.00	36.40 -0.74 0.00	35.78 -0.54 0.00	34.23 -0.52 0.00	34.46 -0.45 0.00	33.88 0.00 0.00	34.37 -0.07 0.00	37.61 0.45 0.00	40.29 0.75 0.00	39.77 0.93 0.00	36.91 0.00 0.00	35.42 -0.14 0.00	33.80 0.07 0.00	30.29 0.39 0.00	30.61 0.51 0.00
STILLWATER___SOLAR 323814	32.84 1.50 0.00	30.03 1.38 0.00	28.83 1.32 0.00	28.08 1.26 0.00	28.27 1.22 0.00	31.22 1.46 0.00	37.79 1.73 0.00	40.57 2.44 0.00	40.95 2.61 0.00	39.59 2.10 0.00	39.19 2.04 0.00	38.29 1.96 0.00	36.53 1.77 0.00	36.62 1.71 0.00	35.54 1.66 0.00	36.12 1.69 0.00	39.13 1.97 0.00	41.83 2.29 0.00	41.01 2.17 0.00	38.80 1.88 0.00	37.41 1.85 0.00	35.39 1.65 0.00	31.31 1.41 0.00	31.45 1.36 0.00
STONY___BROOK 24151	36.69 2.54 -2.82	33.28 2.35 -2.28	31.36 2.31 -1.54	30.05 2.25 -0.98	29.98 2.22 -0.71	33.89 2.47 -1.66	42.89 3.21 -3.63	49.29 4.35 -6.81	48.96 4.37 -6.24	42.00 3.52 -0.99	43.02 3.71 -2.16	39.71 3.38 0.00	39.53 3.30 -1.47	39.56 3.28 -1.37	40.35 3.25 -3.22	39.58 3.17 -1.98	42.14 3.60 -1.38	53.48 4.31 -9.63	50.99 4.00 -8.16	44.75 3.39 -4.44	41.28 3.13 -2.59	38.53 2.97 -1.83	37.52 2.42 -5.19	32.35 2.26 0.00
STURGEON_POOL_HYD 23609	32.77 1.44 0.00	30.00 1.35 0.00	28.86 1.35 0.00	28.19 1.37 0.00	28.33 1.27 0.00	31.19 1.43 0.00	37.90 1.84 0.00	40.57 2.44 0.00	40.99 2.65 0.00	39.55 2.06 0.00	39.22 2.08 0.00	38.29 1.96 0.00	36.60 1.84 0.00	36.80 1.89 0.00	35.61 1.73 0.00	36.12 1.69 0.00	39.17 2.01 0.00	42.03 2.49 0.00	41.01 2.17 0.00	38.65 1.73 0.00	37.20 1.64 0.00	35.39 1.65 0.00	31.16 1.26 0.00	31.27 1.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.55 1.22 0.00	29.77 1.12 0.00	28.61 1.10 0.00	27.95 1.13 0.00	28.11 1.06 0.00	30.98 1.22 0.00	37.61 1.55 0.00	40.30 2.17 0.00	40.72 2.38 0.00	39.33 1.84 0.00	39.00 1.86 0.00	38.11 1.78 0.00	36.46 1.70 0.00	36.62 1.71 0.00	35.47 1.59 0.00	35.98 1.55 0.00	38.95 1.78 0.00	41.79 2.25 0.00	40.81 1.98 0.00	38.50 1.59 0.00	37.02 1.46 0.00	35.18 1.45 0.00	31.01 1.11 0.00	31.15 1.05 0.00
SWANROAD_115KV_TB1 355699	28.95 -2.38 0.00	26.10 -2.55 0.00	25.01 -2.50 0.00	24.38 -2.44 0.00	24.81 -2.25 0.00	27.23 -2.53 0.00	33.14 -2.92 0.00	33.78 -4.35 0.00	34.36 -3.99 0.00	33.40 -4.09 0.00	32.61 -4.53 0.00	32.11 -4.21 0.00	30.72 -4.03 0.00	30.93 -3.98 0.00	30.49 -3.39 0.00	30.89 -3.55 0.00	33.86 -3.31 0.00	36.02 -3.52 0.00	35.65 -3.18 0.00	33.04 -3.88 0.00	31.58 -3.98 0.00	30.36 -3.37 0.00	27.57 -2.33 0.00	27.93 -2.17 0.00
SYNERGY___BIOGAS 323694	30.23 -1.10 0.00	27.34 -1.32 0.00	26.14 -1.37 0.00	25.54 -1.29 0.00	25.94 -1.11 0.00	28.54 -1.22 0.00	34.90 -1.16 0.00	36.11 -2.02 0.00	36.01 -2.34 0.00	35.54 -1.95 0.00	34.73 -2.41 0.00	34.11 -2.22 0.00	32.63 -2.12 0.00	33.17 -1.74 0.00	32.15 -1.73 0.00	32.75 -1.69 0.00	35.97 -1.19 0.00	38.47 -1.07 0.00	37.86 -0.97 0.00	35.14 -1.77 0.00	33.93 -1.64 0.00	32.18 -1.55 0.00	28.98 -0.93 0.00	29.22 -0.87 0.00
SYRACUSE___ENERGY_ST1 323597	30.99 -0.34 0.00	28.25 -0.40 0.00	27.13 -0.39 0.00	26.42 -0.40 0.00	26.70 -0.35 0.00	29.41 -0.36 0.00	35.77 -0.29 0.00	37.67 -0.46 0.00	38.04 -0.31 0.00	37.08 -0.41 0.00	36.74 -0.41 0.00	35.96 -0.36 0.00	34.41 -0.35 0.00	34.53 -0.38 0.00	33.58 -0.30 0.00	34.09 -0.34 0.00	36.94 -0.22 0.00	39.42 -0.12 0.00	38.72 -0.12 0.00	36.51 -0.41 0.00	35.14 -0.43 0.00	33.33 -0.40 0.00	29.54 -0.36 0.00	29.70 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	30.99 -0.34 0.00	28.25 -0.40 0.00	27.13 -0.39 0.00	26.42 -0.40 0.00	26.70 -0.35 0.00	29.41 -0.36 0.00	35.77 -0.29 0.00	37.67 -0.46 0.00	38.04 -0.31 0.00	37.08 -0.41 0.00	36.74 -0.41 0.00	35.96 -0.36 0.00	34.41 -0.35 0.00	34.53 -0.38 0.00	33.58 -0.30 0.00	34.09 -0.34 0.00	36.94 -0.22 0.00	39.42 -0.12 0.00	38.72 -0.12 0.00	36.51 -0.41 0.00	35.14 -0.43 0.00	33.33 -0.40 0.00	29.54 -0.36 0.00	29.70 -0.39 0.00

SYRACUSE___POWER 24017	30.99 -0.34 0.00	28.25 -0.40 0.00	27.13 -0.39 0.00	26.42 -0.40 0.00	26.70 -0.35 0.00	29.38 -0.39 0.00	35.70 -0.36 0.00	37.67 -0.46 0.00	38.00 -0.35 0.00	37.04 -0.45 0.00	36.70 -0.45 0.00	35.89 -0.44 0.00	34.34 -0.42 0.00	34.49 -0.42 0.00	33.54 -0.34 0.00	34.06 -0.38 0.00	36.87 -0.30 0.00	39.38 -0.16 0.00	38.68 -0.16 0.00	36.47 -0.44 0.00	35.10 -0.46 0.00	33.30 -0.44 0.00	29.51 -0.39 0.00	29.67 -0.42 0.00
TALLMAN___138KV_BK151 55660	32.68 1.35 0.00	29.89 1.23 0.00	28.72 1.21 0.00	28.08 1.26 0.00	28.24 1.19 0.00	31.10 1.34 0.00	37.83 1.77 0.00	40.61 2.48 0.00	41.07 2.72 0.00	39.63 2.14 0.00	39.30 2.15 0.00	38.40 2.07 0.00	36.74 1.98 0.00	36.90 1.99 0.00	35.71 1.83 0.00	36.22 1.79 0.00	39.24 2.08 0.00	42.07 2.53 0.00	41.09 2.25 0.00	38.80 1.88 0.00	37.24 1.67 0.00	35.35 1.62 0.00	31.16 1.26 0.00	31.30 1.20 0.00
TEALLAVE_115KV_TB7 355573	30.80 -0.53 0.00	28.11 -0.54 0.00	26.99 -0.52 0.00	26.29 -0.54 0.00	26.57 -0.49 0.00	29.23 -0.54 0.00	35.48 -0.58 0.00	37.41 -0.72 0.00	37.73 -0.61 0.00	36.78 -0.71 0.00	36.44 -0.71 0.00	35.67 -0.65 0.00	34.13 -0.63 0.00	34.25 -0.66 0.00	33.31 -0.58 0.00	33.81 -0.62 0.00	36.61 -0.56 0.00	39.10 -0.43 0.00	38.41 -0.43 0.00	36.21 -0.70 0.00	34.82 -0.75 0.00	33.06 -0.67 0.00	29.30 -0.60 0.00	29.46 -0.63 0.00
TELGRAPH_34_KV_EAST 80808	29.76 -1.57 0.00	26.85 -1.81 0.00	25.73 -1.79 0.00	25.05 -1.77 0.00	25.48 -1.57 0.00	28.04 -1.73 0.00	34.22 -1.84 0.00	35.00 -3.13 0.00	35.62 -2.72 0.00	34.68 -2.81 0.00	33.91 -3.23 0.00	33.35 -2.98 0.00	31.91 -2.85 0.00	32.12 -2.79 0.00	31.61 -2.27 0.00	32.02 -2.41 0.00	35.12 -2.04 0.00	37.40 -2.13 0.00	37.01 -1.83 0.00	34.29 -2.62 0.00	32.79 -2.77 0.00	31.47 -2.26 0.00	28.44 -1.47 0.00	28.74 -1.35 0.00
TEMPLE___115KV_TB 2 55572	30.83 -0.50 0.00	28.11 -0.54 0.00	26.99 -0.52 0.00	26.31 -0.51 0.00	26.57 -0.49 0.00	29.23 -0.54 0.00	35.52 -0.54 0.00	37.44 -0.69 0.00	37.77 -0.58 0.00	36.81 -0.67 0.00	36.48 -0.67 0.00	35.71 -0.62 0.00	34.17 -0.59 0.00	34.32 -0.59 0.00	33.34 -0.54 0.00	33.85 -0.59 0.00	36.64 -0.52 0.00	39.14 -0.40 0.00	38.44 -0.39 0.00	36.21 -0.70 0.00	34.85 -0.71 0.00	33.09 -0.64 0.00	29.33 -0.57 0.00	29.49 -0.60 0.00
TIANA____69_KV_BK 1 55817	37.00 2.85 -2.82	33.60 2.66 -2.28	31.69 2.64 -1.54	30.51 2.71 -0.98	30.39 2.62 -0.71	34.25 2.83 -1.66	43.54 3.86 -3.63	49.60 4.65 -6.81	49.54 4.95 -6.24	42.49 4.01 -0.99	43.69 4.38 -2.16	40.11 3.78 0.00	39.91 3.68 -1.47	39.98 3.70 -1.37	40.89 3.79 -3.22	40.00 3.58 -1.98	42.55 4.01 -1.38	53.95 4.78 -9.63	51.54 4.54 -8.16	45.19 3.84 -4.44	41.89 3.73 -2.59	38.93 3.37 -1.83	37.85 2.75 -5.19	32.68 2.59 0.00
TILDEN___115KV_TB1 80814	30.99 -0.34 0.00	28.25 -0.40 0.00	27.13 -0.39 0.00	26.42 -0.40 0.00	26.70 -0.35 0.00	29.38 -0.39 0.00	35.70 -0.36 0.00	37.67 -0.46 0.00	38.00 -0.35 0.00	37.04 -0.45 0.00	36.70 -0.45 0.00	35.89 -0.44 0.00	34.34 -0.42 0.00	34.49 -0.42 0.00	33.54 -0.34 0.00	34.06 -0.38 0.00	36.87 -0.30 0.00	39.38 -0.16 0.00	38.68 -0.16 0.00	36.47 -0.44 0.00	35.10 -0.46 0.00	33.30 -0.44 0.00	29.51 -0.39 0.00	29.67 -0.42 0.00
TRIGEN___CC 323695	36.19 2.04 -2.82	32.80 1.86 -2.28	30.87 1.82 -1.54	29.60 1.80 -0.98	29.52 1.76 -0.71	33.38 1.96 -1.66	42.21 2.52 -3.63	48.26 3.32 -6.81	48.16 3.57 -6.24	41.44 2.96 -0.99	42.28 2.97 -2.16	39.20 2.87 0.00	39.00 2.78 -1.47	39.07 2.79 -1.37	39.71 2.61 -3.22	39.00 2.58 -1.98	41.48 2.94 -1.38	52.61 3.44 -9.63	50.14 3.15 -8.16	44.05 2.69 -4.44	40.64 2.49 -2.59	37.95 2.40 -1.83	37.01 1.91 -5.19	31.93 1.84 0.00
TRINITY___115KV___ 4 BK 55933	31.96 0.63 0.00	29.20 0.54 0.00	28.04 0.52 0.00	27.33 0.51 0.00	27.54 0.49 0.00	30.30 0.54 0.00	36.60 0.54 0.00	39.12 0.99 0.00	39.57 1.23 0.00	38.31 0.82 0.00	37.96 0.82 0.00	37.09 0.76 0.00	35.45 0.70 0.00	35.61 0.70 0.00	34.46 0.58 0.00	35.05 0.62 0.00	37.83 0.67 0.00	40.45 0.91 0.00	39.61 0.78 0.00	37.43 0.52 0.00	36.17 0.60 0.00	34.24 0.51 0.00	30.32 0.42 0.00	30.49 0.39 0.00
UNION___PROCESSING_DRP 323587	30.20 -1.13 0.00	27.39 -1.26 0.00	26.25 -1.27 0.00	25.54 -1.29 0.00	25.94 -1.11 0.00	28.54 -1.22 0.00	34.83 -1.23 0.00	36.15 -1.98 0.00	36.70 -1.65 0.00	35.76 -1.72 0.00	35.18 -1.97 0.00	34.51 -1.82 0.00	32.98 -1.77 0.00	33.17 -1.75 0.00	32.46 -1.42 0.00	32.92 -1.52 0.00	35.90 -1.26 0.00	38.23 -1.30 0.00	37.71 -1.13 0.00	35.25 -1.66 0.00	33.79 -1.78 0.00	32.25 -1.48 0.00	28.89 -1.02 0.00	29.07 -1.02 0.00
UPPER HUDSON___HYD 24058	32.71 1.38 0.00	29.94 1.29 0.00	28.72 1.21 0.00	27.98 1.15 0.00	28.16 1.11 0.00	31.16 1.40 0.00	37.79 1.73 0.00	40.61 2.48 0.00	41.07 2.72 0.00	39.66 2.17 0.00	39.22 2.08 0.00	38.36 2.03 0.00	36.53 1.77 0.00	36.59 1.68 0.00	35.54 1.66 0.00	36.09 1.65 0.00	39.35 2.19 0.00	42.10 2.57 0.00	41.36 2.52 0.00	39.28 2.36 0.00	37.84 2.28 0.00	35.72 1.99 0.00	31.61 1.70 0.00	31.72 1.62 0.00
UPPER RAQUET___HYD 24056	30.70 -0.63 0.00	28.28 -0.37 0.00	27.13 -0.39 0.00	26.45 -0.38 0.00	26.70 -0.35 0.00	29.38 -0.39 0.00	35.66 -0.40 0.00	37.52 -0.61 0.00	37.77 -0.57 0.00	37.34 -0.15 0.00	37.07 -0.07 0.00	36.29 -0.04 0.00	34.76 0.00 0.00	34.91 0.00 0.00	33.95 0.07 0.00	34.40 -0.03 0.00	36.57 -0.60 0.00	38.31 -1.23 0.00	37.79 -1.05 0.00	36.40 -0.52 0.00	35.10 -0.46 0.00	33.16 -0.57 0.00	29.66 -0.24 0.00	30.06 -0.03 0.00
VALLEY44_115KV_TB2 355964	30.49 -0.85 0.00	27.48 -1.17 0.00	26.30 -1.21 0.00	25.72 -1.10 0.00	26.16 -0.89 0.00	28.72 -1.04 0.00	35.12 -0.94 0.00	36.11 -2.02 0.00	36.54 -1.80 0.00	35.50 -1.99 0.00	34.84 -2.30 0.00	34.26 -2.07 0.00	32.78 -1.98 0.00	33.03 -1.89 0.00	32.46 -1.42 0.00	32.85 -1.58 0.00	35.97 -1.19 0.00	38.55 -0.99 0.00	38.06 -0.78 0.00	35.18 -1.73 0.00	33.64 -1.92 0.00	32.28 -1.45 0.00	29.19 -0.72 0.00	29.64 -0.45 0.00
VALLEY___115KV_TB 1-4 80826	31.90 0.56 0.00	29.14 0.49 0.00	27.95 0.44 0.00	27.25 0.43 0.00	27.49 0.43 0.00	30.24 0.48 0.00	36.64 0.58 0.00	38.74 0.61 0.00	39.00 0.65 0.00	38.01 0.52 0.00	37.66 0.52 0.00	36.84 0.51 0.00	35.21 0.45 0.00	35.37 0.45 0.00	34.36 0.47 0.00	34.92 0.48 0.00	37.72 0.56 0.00	40.37 0.83 0.00	39.57 0.74 0.00	37.47 0.55 0.00	36.13 0.57 0.00	34.31 0.57 0.00	30.38 0.48 0.00	30.58 0.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.18 1.85 0.00	30.32 1.66 0.00	29.11 1.60 0.00	28.35 1.53 0.00	28.62 1.57 0.00	31.52 1.76 0.00	38.44 2.38 0.00	40.84 2.71 0.00	41.26 2.91 0.00	40.11 2.62 0.00	39.78 2.64 0.00	38.98 2.65 0.00	37.22 2.47 0.00	37.32 2.41 0.00	36.22 2.34 0.00	36.71 2.27 0.00	39.73 2.56 0.00	42.70 3.16 0.00	41.78 2.95 0.00	39.31 2.40 0.00	37.91 2.35 0.00	35.89 2.16 0.00	31.79 1.88 0.00	31.93 1.84 0.00

VISCHER___FERRY HYD 24020	32.55 1.22 0.00	29.77 1.12 0.00	28.59 1.07 0.00	27.87 1.05 0.00	28.08 1.03 0.00	30.92 1.16 0.00	37.39 1.33 0.00	40.15 2.02 0.00	40.45 2.11 0.00	39.14 1.65 0.00	38.70 1.56 0.00	37.82 1.49 0.00	36.18 1.43 0.00	36.27 1.36 0.00	35.14 1.25 0.00	35.74 1.31 0.00	38.61 1.45 0.00	41.32 1.78 0.00	40.43 1.59 0.00	38.20 1.29 0.00	36.88 1.32 0.00	34.95 1.21 0.00	30.92 1.02 0.00	31.09 0.99 0.00
V_A_10_SYNC_DSASP 323832	29.36 -1.97 0.00	26.53 -2.12 0.00	25.45 -2.06 0.00	24.89 -1.93 0.00	25.24 -1.81 0.00	27.71 -2.05 0.00	33.79 -2.27 0.00	34.97 -3.16 0.00	34.89 -3.45 0.00	34.34 -3.15 0.00	33.62 -3.53 0.00	33.02 -3.31 0.00	31.63 -3.13 0.00	32.12 -2.79 0.00	31.14 -2.74 0.00	31.68 -2.76 0.00	34.63 -2.53 0.00	37.05 -2.49 0.00	36.39 -2.45 0.00	33.92 -2.99 0.00	32.75 -2.81 0.00	31.10 -2.63 0.00	28.05 -1.85 0.00	28.32 -1.78 0.00
V_CMM_10_SYNC_DSASP 323787	31.27 -0.06 0.00	28.68 0.03 0.00	27.54 0.03 0.00	26.85 0.03 0.00	27.08 0.03 0.00	29.76 0.00 0.00	35.92 -0.14 0.00	37.60 -0.53 0.00	37.85 -0.50 0.00	37.38 -0.11 0.00	37.11 -0.04 0.00	36.29 -0.04 0.00	34.76 0.00 0.00	34.91 0.00 0.00	33.92 0.03 0.00	34.47 0.03 0.00	37.01 -0.15 0.00	38.90 -0.63 0.00	38.37 -0.46 0.00	36.95 0.04 0.00	35.60 0.04 0.00	33.73 0.00 0.00	30.02 0.12 0.00	30.31 0.21 0.00
V_CMP_10_SYNC_DSASP 323788	31.96 0.63 0.00	29.28 0.63 0.00	28.06 0.55 0.00	27.36 0.54 0.00	27.59 0.54 0.00	30.33 0.56 0.00	36.10 0.04 0.00	37.75 -0.38 0.00	38.08 -0.27 0.00	37.56 0.08 0.00	37.41 0.26 0.00	36.55 0.22 0.00	35.00 0.25 0.00	35.19 0.28 0.00	34.29 0.41 0.00	35.05 0.62 0.00	37.76 0.59 0.00	39.73 0.20 0.00	39.18 0.35 0.00	37.80 0.88 0.00	36.45 0.89 0.00	34.48 0.74 0.00	30.77 0.87 0.00	31.48 1.39 0.00
V_D_10_SYNC_DSASP 323841	31.39 0.06 0.00	28.88 0.23 0.00	27.71 0.19 0.00	27.01 0.19 0.00	27.27 0.22 0.00	29.97 0.21 0.00	36.10 0.04 0.00	37.82 -0.31 0.00	38.08 -0.27 0.00	37.60 0.11 0.00	37.33 0.19 0.00	36.51 0.18 0.00	34.97 0.21 0.00	35.12 0.21 0.00	34.12 0.24 0.00	34.68 0.24 0.00	37.16 0.00 0.00	39.06 -0.47 0.00	38.52 -0.31 0.00	37.10 0.19 0.00	35.74 0.18 0.00	33.84 0.10 0.00	30.23 0.33 0.00	30.52 0.42 0.00
V_E_10_SYNC_DSASP 323830	34.09 2.76 0.00	31.03 2.38 0.00	29.77 2.26 0.00	28.97 2.15 0.00	29.33 2.27 0.00	32.41 2.65 0.00	39.88 3.82 0.00	42.29 4.16 0.00	42.30 3.95 0.00	41.17 3.68 0.00	40.71 3.57 0.00	40.11 3.78 0.00	38.23 3.48 0.00	38.33 3.42 0.00	37.27 3.39 0.00	37.84 3.41 0.00	41.36 4.20 0.00	44.67 5.14 0.00	43.77 4.93 0.00	40.90 3.99 0.00	39.48 3.91 0.00	37.14 3.41 0.00	32.89 2.99 0.00	33.05 2.95 0.00
V_F_30_NSYNC___DSASP 323816	32.87 1.53 0.00	30.06 1.40 0.00	28.86 1.35 0.00	28.11 1.29 0.00	28.30 1.25 0.00	31.25 1.49 0.00	37.86 1.80 0.00	40.61 2.48 0.00	40.99 2.64 0.00	39.63 2.14 0.00	39.22 2.08 0.00	38.36 2.03 0.00	36.60 1.84 0.00	36.69 1.78 0.00	35.57 1.69 0.00	36.16 1.72 0.00	39.17 2.01 0.00	41.87 2.33 0.00	41.05 2.21 0.00	38.83 1.92 0.00	37.45 1.88 0.00	35.42 1.69 0.00	31.37 1.46 0.00	31.51 1.41 0.00
V_F_30_SYNC_DSASP 323786	32.05 0.72 0.00	29.28 0.63 0.00	28.12 0.61 0.00	27.41 0.59 0.00	27.60 0.54 0.00	30.42 0.65 0.00	36.71 0.65 0.00	39.28 1.14 0.00	39.73 1.38 0.00	38.50 1.01 0.00	38.11 0.97 0.00	37.24 0.91 0.00	35.62 0.87 0.00	35.75 0.84 0.00	34.63 0.75 0.00	35.19 0.76 0.00	37.98 0.82 0.00	40.60 1.07 0.00	39.77 0.93 0.00	37.58 0.66 0.00	36.28 0.71 0.00	34.34 0.61 0.00	30.41 0.51 0.00	30.55 0.45 0.00
V_XM_10_SYNC_DSASP 323789	31.96 0.63 0.00	29.28 0.63 0.00	28.06 0.55 0.00	27.36 0.54 0.00	27.59 0.54 0.00	30.33 0.56 0.00	36.10 0.04 0.00	37.75 -0.38 0.00	38.08 -0.27 0.00	37.56 0.08 0.00	37.41 0.26 0.00	36.55 0.22 0.00	35.00 0.25 0.00	35.19 0.28 0.00	34.29 0.41 0.00	35.05 0.62 0.00	37.76 0.59 0.00	39.73 0.20 0.00	39.18 0.35 0.00	37.80 0.88 0.00	36.45 0.89 0.00	34.48 0.74 0.00	30.77 0.87 0.00	31.48 1.39 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.77 1.44 0.00	29.97 1.32 0.00	28.81 1.29 0.00	28.16 1.34 0.00	28.33 1.27 0.00	31.19 1.43 0.00	37.93 1.88 0.00	40.72 2.59 0.00	41.18 2.84 0.00	39.74 2.25 0.00	39.41 2.27 0.00	38.51 2.18 0.00	36.84 2.09 0.00	37.01 2.09 0.00	35.81 1.93 0.00	36.33 1.89 0.00	39.36 2.19 0.00	42.22 2.69 0.00	41.24 2.41 0.00	38.91 1.99 0.00	37.34 1.78 0.00	35.49 1.75 0.00	31.25 1.35 0.00	31.36 1.26 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.90 1.57 0.00	30.12 1.46 0.00	28.97 1.46 0.00	28.27 1.45 0.00	28.41 1.35 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.11 2.97 0.00	41.57 3.22 0.00	40.11 2.62 0.00	39.82 2.67 0.00	38.91 2.58 0.00	37.22 2.47 0.00	37.39 2.48 0.00	36.22 2.34 0.00	36.71 2.27 0.00	39.82 2.64 -0.02	42.64 3.08 -0.02	41.61 2.76 -0.02	39.31 2.40 0.00	37.66 2.10 0.00	35.76 2.02 0.00	31.46 1.55 0.00	31.57 1.47 0.00
W50THST__13_KV_LOAD 356117	33.05 1.72 0.00	30.26 1.60 0.00	29.11 1.60 0.00	28.41 1.58 0.00	28.54 1.49 0.00	31.49 1.73 0.00	38.37 2.31 0.00	41.30 3.16 0.00	41.80 3.45 0.00	40.34 2.85 0.00	40.00 2.86 0.00	39.09 2.76 0.00	37.40 2.64 0.00	37.56 2.65 0.00	36.39 2.51 0.00	36.91 2.48 0.00	40.00 2.82 -0.02	42.87 3.32 -0.02	41.80 2.95 -0.02	39.53 2.62 0.00	37.80 2.24 0.00	35.89 2.16 0.00	31.64 1.73 0.00	31.75 1.66 0.00
WADING RIVER_IC_1 23522	36.47 2.32 -2.82	33.14 2.21 -2.28	31.28 2.23 -1.54	30.00 2.20 -0.98	29.93 2.17 -0.71	33.80 2.38 -1.66	42.93 3.25 -3.63	49.18 4.23 -6.81	48.92 4.33 -6.24	41.81 3.34 -0.99	43.10 3.79 -2.16	39.45 3.12 0.00	39.32 3.09 -1.47	39.32 3.04 -1.37	40.32 3.22 -3.22	39.38 2.96 -1.98	41.85 3.31 -1.38	53.16 3.99 -9.63	50.76 3.77 -8.16	44.42 3.06 -4.44	41.24 3.09 -2.59	38.36 2.80 -1.83	37.34 2.24 -5.19	32.20 2.11 0.00
WADING RIVER_IC_2 23547	36.47 2.32 -2.82	33.14 2.21 -2.28	31.28 2.23 -1.54	30.00 2.20 -0.98	29.93 2.17 -0.71	33.80 2.38 -1.66	42.93 3.25 -3.63	49.18 4.23 -6.81	48.92 4.33 -6.24	41.81 3.34 -0.99	43.10 3.79 -2.16	39.45 3.12 0.00	39.32 3.09 -1.47	39.32 3.04 -1.37	40.32 3.22 -3.22	39.38 2.96 -1.98	41.85 3.31 -1.38	53.16 3.99 -9.63	50.76 3.77 -8.16	44.42 3.06 -4.44	41.24 3.09 -2.59	38.36 2.80 -1.83	37.34 2.24 -5.19	32.20 2.11 0.00
WADING RIVER_IC_3 23601	36.47 2.32 -2.82	33.14 2.21 -2.28	31.28 2.23 -1.54	30.00 2.20 -0.98	29.93 2.17 -0.71	33.80 2.38 -1.66	42.93 3.25 -3.63	49.18 4.23 -6.81	48.92 4.33 -6.24	41.81 3.34 -0.99	43.10 3.79 -2.16	39.45 3.12 0.00	39.32 3.09 -1.47	39.32 3.04 -1.37	40.32 3.22 -3.22	39.38 2.96 -1.98	41.85 3.31 -1.38	53.16 3.99 -9.63	50.76 3.77 -8.16	44.42 3.06 -4.44	41.24 3.09 -2.59	38.36 2.80 -1.83	37.34 2.24 -5.19	32.20 2.11 0.00



WALDENNY_12_KV_BK2 80841	29.92 -1.41 0.00	26.96 -1.69 0.00	25.81 -1.71 0.00	25.13 -1.69 0.00	25.59 -1.46 0.00	28.10 -1.67 0.00	34.33 -1.73 0.00	35.16 -2.97 0.00	35.70 -2.65 0.00	34.72 -2.77 0.00	33.99 -3.16 0.00	33.46 -2.87 0.00	32.05 -2.71 0.00	32.29 -2.62 0.00	31.78 -2.10 0.00	32.20 -2.24 0.00	35.34 -1.82 0.00	37.68 -1.86 0.00	37.28 -1.55 0.00	34.48 -2.44 0.00	32.97 -2.60 0.00	31.64 -2.09 0.00	28.68 -1.23 0.00	29.04 -1.05 0.00
WALDEN___HYDRO 24148	32.87 1.54 0.00	30.06 1.40 0.00	28.89 1.38 0.00	28.19 1.37 0.00	28.35 1.30 0.00	31.25 1.49 0.00	38.01 1.95 0.00	40.65 2.52 0.00	41.11 2.76 0.00	39.63 2.14 0.00	39.30 2.15 0.00	38.36 2.03 0.00	36.67 1.91 0.00	36.83 1.92 0.00	35.64 1.76 0.00	36.22 1.79 0.00	39.28 2.12 0.00	42.18 2.65 0.00	41.16 2.33 0.00	38.80 1.88 0.00	37.34 1.78 0.00	35.49 1.75 0.00	31.25 1.35 0.00	31.36 1.26 0.00
WARRENSBURG___ 23737	32.71 1.38 0.00	29.94 1.29 0.00	28.72 1.21 0.00	27.98 1.15 0.00	28.16 1.11 0.00	31.16 1.40 0.00	37.79 1.73 0.00	40.61 2.48 0.00	41.07 2.72 0.00	39.66 2.17 0.00	39.22 2.08 0.00	38.36 2.03 0.00	36.53 1.77 0.00	36.59 1.68 0.00	35.54 1.66 0.00	36.09 1.65 0.00	39.35 2.19 0.00	42.10 2.57 0.00	41.36 2.52 0.00	39.28 2.36 0.00	37.84 2.28 0.00	35.72 1.99 0.00	31.61 1.70 0.00	31.72 1.62 0.00
WATERSIDE___6 8 9 23538	32.84 1.50 0.00	30.09 1.43 0.00	28.94 1.43 0.00	28.22 1.39 0.00	28.38 1.33 0.00	31.22 1.46 0.00	38.01 1.95 0.00	41.02 2.90 0.01	41.52 3.18 0.01	40.00 2.51 0.00	39.77 2.64 0.01	37.26 2.62 1.68	35.90 2.54 1.40	34.12 2.51 3.31	36.22 2.37 0.03	36.70 2.27 0.01	39.13 2.68 0.71	42.63 3.08 -0.01	39.24 2.83 2.43	39.27 2.36 0.01	37.67 2.13 0.03	35.78 2.06 0.01	31.43 1.53 0.00	31.60 1.50 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.77 0.44 0.00	29.03 0.37 0.00	27.87 0.36 0.00	27.17 0.35 0.00	27.41 0.35 0.00	30.15 0.39 0.00	36.53 0.47 0.00	38.67 0.53 0.00	38.92 0.58 0.00	37.94 0.45 0.00	37.59 0.45 0.00	36.76 0.44 0.00	35.14 0.38 0.00	35.30 0.38 0.00	34.25 0.37 0.00	34.81 0.38 0.00	37.65 0.48 0.00	40.29 0.75 0.00	39.49 0.66 0.00	37.43 0.52 0.00	36.06 0.50 0.00	34.21 0.47 0.00	30.29 0.39 0.00	30.49 0.39 0.00
WATSON___69_KV_BK 1 55734	37.00 2.85 -2.82	33.54 2.61 -2.28	31.61 2.56 -1.54	30.35 2.55 -0.98	30.28 2.52 -0.71	34.19 2.77 -1.66	43.36 3.68 -3.63	49.48 4.54 -6.81	49.38 4.79 -6.24	42.49 4.01 -0.99	43.47 4.16 -2.16	40.14 3.81 0.00	39.98 3.75 -1.47	40.05 3.77 -1.37	40.76 3.66 -3.22	40.03 3.62 -1.98	42.63 4.09 -1.38	53.99 4.82 -9.63	51.50 4.50 -8.16	45.27 3.91 -4.44	41.78 3.63 -2.59	38.90 3.34 -1.83	37.85 2.75 -5.19	32.68 2.59 0.00
WDELAWARE___HYD 323627	32.55 1.22 0.00	29.77 1.12 0.00	28.62 1.10 0.00	27.92 1.10 0.00	28.08 1.03 0.00	30.98 1.22 0.00	37.79 1.73 0.00	40.54 2.40 0.00	40.84 2.49 0.00	39.25 1.76 0.00	38.96 1.82 0.00	38.04 1.71 0.00	35.38 0.63 0.00	35.47 0.56 0.00	34.42 0.54 0.00	34.95 0.52 0.00	37.98 0.82 0.00	40.80 1.26 0.00	39.76 0.93 0.00	37.50 0.59 0.00	36.99 1.42 0.00	35.22 1.48 0.00	31.01 1.11 0.00	31.12 1.02 0.00
WEST BABYLON___IC 23714	36.84 2.69 -2.82	33.40 2.46 -2.28	31.45 2.39 -1.54	30.19 2.39 -0.98	30.12 2.35 -0.71	34.04 2.62 -1.66	43.11 3.43 -3.63	49.25 4.31 -6.81	49.11 4.52 -6.24	42.26 3.79 -0.99	43.21 3.90 -2.16	39.96 3.63 0.00	39.77 3.55 -1.47	39.84 3.56 -1.37	40.56 3.46 -3.22	39.82 3.41 -1.98	42.40 3.86 -1.38	53.72 4.55 -9.63	51.23 4.23 -8.16	45.05 3.69 -4.44	41.53 3.38 -2.59	38.73 3.17 -1.83	37.70 2.60 -5.19	32.53 2.44 0.00
WEST CANADA___HYD 24049	31.43 0.09 0.00	28.71 0.06 0.00	27.60 0.08 0.00	26.88 0.05 0.00	27.11 0.05 0.00	29.85 0.09 0.00	36.17 0.11 0.00	38.32 0.19 0.00	38.54 0.19 0.00	37.56 0.08 0.00	37.22 0.07 0.00	36.40 0.07 0.00	34.83 0.07 0.00	34.98 0.07 0.00	33.95 0.07 0.00	34.50 0.07 0.00	37.27 0.11 0.00	39.81 0.28 0.00	39.07 0.23 0.00	37.02 0.11 0.00	35.67 0.11 0.00	33.84 0.10 0.00	29.96 0.06 0.00	30.15 0.06 0.00
WESTERN_NY_WIND 24143	30.23 -1.10 0.00	27.28 -1.38 0.00	26.11 -1.40 0.00	25.43 -1.39 0.00	25.86 -1.19 0.00	28.48 -1.28 0.00	34.83 -1.23 0.00	35.73 -2.40 0.00	36.35 -1.99 0.00	35.43 -2.06 0.00	34.66 -2.49 0.00	34.00 -2.32 0.00	32.53 -2.22 0.00	32.75 -2.16 0.00	32.19 -1.69 0.00	32.64 -1.79 0.00	35.82 -1.34 0.00	38.15 -1.38 0.00	37.78 -1.05 0.00	34.99 -1.92 0.00	33.47 -2.10 0.00	32.08 -1.65 0.00	28.92 -0.99 0.00	29.16 -0.93 0.00
WESTOVER___LESR 323668	31.52 0.19 0.00	28.71 0.06 0.00	27.54 0.03 0.00	26.88 0.05 0.00	27.16 0.11 0.00	29.88 0.12 0.00	36.42 0.36 0.00	38.28 0.15 0.00	38.69 0.35 0.00	37.60 0.11 0.00	37.18 0.04 0.00	36.44 0.11 0.00	34.83 0.07 0.00	35.02 0.10 0.00	34.08 0.20 0.00	34.61 0.17 0.00	37.53 0.37 0.00	40.17 0.63 0.00	39.42 0.58 0.00	37.02 0.11 0.00	35.60 0.04 0.00	33.84 0.10 0.00	30.08 0.18 0.00	30.30 0.21 0.00
WETHRSFD_WT_PWR 323626	29.98 -1.35 0.00	27.08 -1.58 0.00	25.86 -1.65 0.00	25.29 -1.53 0.00	25.65 -1.41 0.00	28.16 -1.61 0.00	34.37 -1.69 0.00	35.73 -2.40 0.00	35.58 -2.76 0.00	34.94 -2.55 0.00	34.29 -2.86 0.00	33.78 -2.54 0.00	32.36 -2.40 0.00	32.89 -2.03 0.00	31.98 -1.90 0.00	32.57 -1.86 0.00	35.71 -1.45 0.00	38.23 -1.30 0.00	37.63 -1.20 0.00	35.03 -1.88 0.00	33.82 -1.74 0.00	32.12 -1.62 0.00	28.94 -0.96 0.00	29.31 -0.78 0.00
WHAVSTOR_138KV_BK127 55557	32.68 1.35 0.00	29.89 1.23 0.00	28.72 1.21 0.00	28.06 1.23 0.00	28.24 1.19 0.00	31.10 1.34 0.00	37.79 1.73 0.00	40.57 2.44 0.00	41.03 2.68 0.00	39.59 2.10 0.00	39.26 2.12 0.00	38.36 2.03 0.00	36.74 1.98 0.00	36.87 1.96 0.00	35.71 1.83 0.00	36.22 1.79 0.00	39.21 2.04 0.00	42.03 2.49 0.00	41.05 2.21 0.00	38.76 1.85 0.00	37.24 1.67 0.00	35.35 1.62 0.00	31.16 1.26 0.00	31.27 1.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.68 1.35 0.00	29.89 1.23 0.00	28.72 1.21 0.00	28.06 1.23 0.00	28.24 1.19 0.00	31.10 1.34 0.00	37.79 1.73 0.00	40.57 2.44 0.00	41.03 2.68 0.00	39.59 2.10 0.00	39.26 2.12 0.00	38.36 2.03 0.00	36.74 1.98 0.00	36.87 1.96 0.00	35.71 1.83 0.00	36.22 1.79 0.00	39.21 2.04 0.00	42.03 2.49 0.00	41.05 2.21 0.00	38.76 1.85 0.00	37.24 1.67 0.00	35.35 1.62 0.00	31.16 1.26 0.00	31.27 1.17 0.00
WHITEHAL_115KV_TB1 80871	33.21 1.88 0.00	30.40 1.75 0.00	29.17 1.65 0.00	28.38 1.56 0.00	28.57 1.52 0.00	31.67 1.90 0.00	38.44 2.38 0.00	41.18 3.05 0.00	41.80 3.45 0.00	40.38 2.89 0.00	39.97 2.82 0.00	39.05 2.72 0.00	37.12 2.36 0.00	37.22 2.30 0.00	36.12 2.24 0.00	36.71 2.27 0.00	39.99 2.82 0.00	42.82 3.28 0.00	42.06 3.22 0.00	39.90 2.99 0.00	38.45 2.88 0.00	36.20 2.46 0.00	32.03 2.12 0.00	32.08 1.99 0.00

WHITEPLN_13_KV_LOAD 356215	33.12 1.79 0.00	30.29 1.63 0.00	29.14 1.62 0.00	28.43 1.61 0.00	28.60 1.54 0.00	31.52 1.76 0.00	38.33 2.27 0.00	41.26 3.13 0.00	41.68 3.34 0.00	40.19 2.70 0.00	39.89 2.75 0.00	38.98 2.65 0.00	37.29 2.54 0.00	37.46 2.55 0.00	36.29 2.41 0.00	36.81 2.38 0.00	39.88 2.71 0.00	42.74 3.20 0.00	41.75 2.91 0.00	39.39 2.47 0.00	37.77 2.20 0.00	35.83 2.09 0.00	31.58 1.67 0.00	31.75 1.66 0.00
WM_FLOYD_69_KV_BK2 356380	36.66 2.51 -2.82	33.28 2.35 -2.28	31.39 2.34 -1.54	30.19 2.39 -0.98	30.06 2.30 -0.71	33.92 2.50 -1.66	43.04 3.35 -3.63	49.10 4.16 -6.81	49.00 4.41 -6.24	42.08 3.60 -0.99	43.21 3.90 -2.16	39.67 3.34 0.00	39.53 3.30 -1.47	39.60 3.32 -1.37	40.45 3.35 -3.22	39.58 3.17 -1.98	42.14 3.60 -1.38	53.48 4.31 -9.63	51.03 4.04 -8.16	44.72 3.36 -4.44	41.42 3.27 -2.59	38.53 2.97 -1.83	37.52 2.42 -5.19	32.35 2.26 0.00
WOODARD__115KV_TB2 355635	30.74 -0.60 0.00	28.02 -0.63 0.00	26.91 -0.61 0.00	26.23 -0.59 0.00	26.49 -0.57 0.00	29.14 -0.63 0.00	35.41 -0.65 0.00	37.33 -0.80 0.00	37.69 -0.65 0.00	36.70 -0.79 0.00	36.36 -0.78 0.00	35.60 -0.73 0.00	34.06 -0.70 0.00	34.21 -0.70 0.00	33.24 -0.64 0.00	33.78 -0.65 0.00	36.57 -0.59 0.00	39.02 -0.51 0.00	38.33 -0.50 0.00	36.14 -0.78 0.00	34.78 -0.78 0.00	33.03 -0.71 0.00	29.27 -0.63 0.00	29.43 -0.66 0.00
YORK___WARBASSE 23770	33.02 1.69 0.00	30.23 1.58 0.00	29.08 1.57 0.00	28.35 1.53 0.00	28.49 1.43 0.00	31.34 1.58 0.00	38.15 2.09 0.00	41.28 3.09 -0.06	41.74 3.34 -0.06	40.15 2.66 0.00	39.99 2.79 -0.06	50.91 2.80 -11.79	47.25 2.71 -9.78	60.80 2.72 -23.16	36.63 2.54 -0.21	36.90 2.41 -0.06	45.13 2.86 -5.11	42.89 3.28 -0.07	58.98 3.03 -17.12	39.48 2.51 -0.06	38.09 2.31 -0.21	36.02 2.23 -0.06	31.58 1.67 0.00	31.78 1.69 0.00