

# Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion									
Generator Data		02/03/2024																							
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	
	32.86	30.76	29.85	30.26	30.60	32.21	34.88	35.95	37.26	36.75	36.39	35.79	32.75	31.70	31.99	33.41	36.93	43.58	41.74	40.95	39.38	37.24	36.59	35.85	
	1.48	1.29	1.34	1.27	1.29	1.39	1.72	2.07	2.31	2.27	2.29	2.37	2.17	2.16	2.17	2.18	2.38	3.30	3.23	3.03	2.51	2.27	2.36	2.19	
74TH STREET_GT_1 24260																									
	32.83	30.73	29.83	30.23	30.57	32.17	34.82	35.88	37.16	36.61	36.32	35.62	32.74	31.61	31.89	33.44	36.86	43.61	41.85	41.06	39.41	37.42	36.62	35.88	
	1.44	1.27	1.31	1.25	1.26	1.36	1.66	2.00	2.20	2.14	2.22	2.21	2.17	2.07	2.09	2.22	2.31	3.34	3.35	3.15	2.54	2.45	2.40	2.22	
74TH STREET_GT_2 24261																									
	32.83	30.73	29.83	30.23	30.57	32.17	34.82	35.88	37.16	36.61	36.32	35.62	32.74	31.61	31.89	33.44	36.86	43.61	41.85	41.06	39.41	37.42	36.62	35.88	
	1.44	1.27	1.31	1.25	1.26	1.36	1.66	2.00	2.20	2.14	2.22	2.21	2.17	2.07	2.09	2.22	2.31	3.34	3.35	3.15	2.54	2.45	2.40	2.22	
ADK HUDSON___FALLS 24011																									
	32.86	30.82	29.83	30.35	30.72	32.36	34.88	35.78	37.02	36.47	36.01	35.18	31.98	30.84	31.18	32.82	36.51	43.05	41.34	40.40	38.97	36.93	36.18	35.51	
	1.48	1.36	1.31	1.36	1.41	1.54	1.72	1.90	2.06	2.00	1.91	1.77	1.41	1.30	1.37	1.59	1.97	2.78	2.85	2.50	2.10	1.96	1.95	1.85	
ADK RESOURCE___RCVRY 23798																									
	33.02	30.96	29.97	30.49	30.86	32.51	35.08	35.17	36.39	35.81	35.36	34.55	31.37	30.28	30.61	32.22	35.86	42.28	40.60	39.68	38.27	36.27	35.49	34.84	
	1.63	1.50	1.45	1.51	1.55	1.69	1.92	1.29	1.43	1.34	1.26	1.14	0.79	0.74	0.81	1.00	1.31	2.01	2.12	1.78	1.40	1.29	1.27	1.18	
ADK S GLENS___FALLS 24028																									
	32.86	30.82	29.83	30.35	30.72	32.36	34.88	35.78	37.02	36.47	36.01	35.18	31.98	30.84	31.18	32.82	36.51	43.05	41.34	40.40	38.97	36.93	36.18	35.51	
	1.48	1.36	1.31	1.36	1.41	1.54	1.72	1.90	2.06	2.00	1.91	1.77	1.41	1.30	1.37	1.59	1.97	2.78	2.85	2.50	2.10	1.96	1.95	1.85	
ADK_NYS___DAM 23527																									
	32.77	30.79	29.83	30.29	30.57	32.24	34.78	35.58	36.77	36.23	35.87	35.18	32.16	31.08	31.36	32.88	36.37	42.77	40.99	40.21	38.82	36.79	36.07	35.41	
	1.38	1.33	1.31	1.31	1.26	1.42	1.62	1.69	1.82	1.76	1.77	1.77	1.59	1.54	1.55	1.65	1.83	2.50	2.50	2.31	1.95	1.82	1.85	1.75	
AIR_PRODUCTS___DRP 24190																									
	31.51	29.58	28.66	29.10	29.40	30.94	33.36	34.15	35.30	34.78	34.44	33.71	30.85	29.81	30.11	31.60	34.96	41.08	39.37	38.62	37.31	35.39	34.70	34.03	
	0.13	0.12	0.14	0.12	0.09	0.12	0.20	0.27	0.35	0.31	0.34	0.30	0.28	0.27	0.30	0.37	0.41	0.81	0.89	0.72	0.44	0.42	0.48	0.37	
AKWESSNE_115KV_BK 355683																									
	31.51	29.70	28.74	29.24	29.57	30.97	33.22	34.05	35.16	34.68	34.24	33.58	30.70	29.72	29.99	31.32	34.75	40.07	38.10	37.71	37.05	35.11	34.33	33.83	
	0.13	0.24	0.23	0.26	0.26	0.15	0.07	0.17	0.21	0.21	0.14	0.17	0.12	0.18	0.18	0.09	0.21	-0.20	-0.38	-0.19	0.18	0.14	0.10	0.17	
ALBANY_1_SOLAR 323833																									
	32.30	30.29	29.34	29.82	30.13	31.71	34.12	34.87	36.00	35.44	35.09	34.38	31.34	30.28	30.58	32.13	35.62	41.80	40.07	39.26	38.01	36.02	35.35	34.77	
	0.91	0.82	0.83	0.84	0.82	0.89	0.96	0.98	1.05	0.96	0.99	0.97	0.76	0.74	0.77	0.91	1.07	1.53	1.58	1.36	1.14	1.05	1.13	1.11	
ALBANY_2_SOLAR 323834																									
	32.26	30.29	29.31	29.79	30.10	31.68	34.12	34.87	36.00	35.44	35.05	34.35	31.34	30.28	30.58	32.13	35.58	41.76	40.03	39.26	37.97	36.02	35.35	34.74	
	0.88	0.82	0.80	0.81	0.79	0.86	0.96	0.98	1.05	0.96	0.95	0.93	0.76	0.74	0.77	0.91	1.04	1.49	1.54	1.36	1.11	1.05	1.13	1.08	
ALBANY___1 23571																									
	31.51	29.58	28.66	29.10	29.40	30.94	33.36	34.15	35.30	34.78	34.44	33.71	30.85	29.81	30.11	31.60	34.96	41.08	39.37	38.62	37.31	35.39	34.70	34.03	
	0.13	0.12	0.14	0.12	0.09	0.12	0.20	0.27	0.35	0.31	0.34	0.30	0.28	0.27	0.30	0.37	0.41	0.81	0.89	0.72	0.44	0.42	0.48	0.37	

ALBANY___2 23572	31.51 0.13 0.00	29.58 0.12 0.00	28.66 0.14 0.00	29.10 0.12 0.00	29.40 0.09 0.00	30.94 0.12 0.00	33.36 0.20 0.00	34.15 0.27 0.00	35.30 0.35 0.00	34.78 0.31 0.00	34.44 0.34 0.00	33.71 0.30 0.00	30.85 0.28 0.00	29.81 0.27 0.00	30.11 0.30 0.00	31.60 0.37 0.00	34.96 0.41 0.00	41.08 0.81 0.00	39.37 0.89 0.00	38.62 0.72 0.00	37.31 0.44 0.00	35.39 0.42 0.00	34.70 0.48 0.00	34.03 0.37 0.00
ALBANY___3 23573	31.51 0.13 0.00	29.58 0.12 0.00	28.66 0.14 0.00	29.10 0.12 0.00	29.40 0.09 0.00	30.94 0.12 0.00	33.36 0.20 0.00	34.15 0.27 0.00	35.30 0.35 0.00	34.78 0.31 0.00	34.44 0.34 0.00	33.71 0.30 0.00	30.85 0.28 0.00	29.81 0.27 0.00	30.11 0.30 0.00	31.60 0.37 0.00	34.96 0.41 0.00	41.08 0.81 0.00	39.37 0.89 0.00	38.62 0.72 0.00	37.31 0.44 0.00	35.39 0.42 0.00	34.70 0.48 0.00	34.03 0.37 0.00
ALBANY___4 23574	31.51 0.13 0.00	29.58 0.12 0.00	28.66 0.14 0.00	29.10 0.12 0.00	29.40 0.09 0.00	30.94 0.12 0.00	33.36 0.20 0.00	34.15 0.27 0.00	35.30 0.35 0.00	34.78 0.31 0.00	34.44 0.34 0.00	33.71 0.30 0.00	30.85 0.28 0.00	29.81 0.27 0.00	30.11 0.30 0.00	31.60 0.37 0.00	34.96 0.41 0.00	41.08 0.81 0.00	39.37 0.89 0.00	38.62 0.72 0.00	37.31 0.44 0.00	35.39 0.42 0.00	34.70 0.48 0.00	34.03 0.37 0.00
ALBANY___LFGE 323615	31.83 0.44 0.00	29.87 0.41 0.00	28.94 0.43 0.00	29.39 0.41 0.00	29.69 0.38 0.00	31.25 0.43 0.00	33.69 0.53 0.00	34.49 0.61 0.00	35.65 0.70 0.00	35.13 0.65 0.00	34.78 0.68 0.00	34.08 0.67 0.00	31.12 0.55 0.00	30.07 0.53 0.00	30.37 0.56 0.00	31.88 0.66 0.00	35.30 0.76 0.00	41.44 1.17 0.00	39.72 1.23 0.00	38.92 1.02 0.00	37.64 0.78 0.00	35.67 0.70 0.00	35.01 0.79 0.00	34.37 0.71 0.00
ALCOA_PA_115KV_PL-6C 55860	31.64 0.25 0.00	29.90 0.44 0.00	28.94 0.43 0.00	29.45 0.46 0.00	29.78 0.47 0.00	31.10 0.28 0.00	33.29 0.13 0.00	34.15 0.27 0.00	35.23 0.28 0.00	34.75 0.28 0.00	34.31 0.20 0.00	33.61 0.20 0.00	30.76 0.18 0.00	29.84 0.30 0.00	30.14 0.33 0.00	31.38 0.16 0.00	34.82 0.28 0.00	40.15 -0.12 0.00	38.22 -0.27 0.00	37.79 -0.11 0.00	37.16 0.29 0.00	35.18 0.21 0.00	34.43 0.21 0.00	33.96 0.30 0.00
ALCOA_RYNLDS___DRP 24188	31.64 0.25 0.00	29.90 0.44 0.00	28.94 0.43 0.00	29.45 0.46 0.00	29.78 0.47 0.00	31.10 0.28 0.00	33.29 0.13 0.00	34.15 0.27 0.00	35.23 0.28 0.00	34.75 0.28 0.00	34.31 0.20 0.00	33.61 0.20 0.00	30.76 0.18 0.00	29.84 0.30 0.00	30.14 0.33 0.00	31.38 0.16 0.00	34.82 0.28 0.00	40.15 -0.12 0.00	38.22 -0.27 0.00	37.79 -0.11 0.00	37.16 0.29 0.00	35.18 0.21 0.00	34.43 0.21 0.00	33.96 0.30 0.00
ALCOA___DSASP 323711	31.64 0.25 0.00	29.90 0.44 0.00	28.94 0.43 0.00	29.45 0.46 0.00	29.78 0.47 0.00	31.09 0.28 0.00	33.29 0.13 0.00	34.15 0.27 0.00	35.23 0.28 0.00	34.75 0.27 0.00	34.31 0.21 0.00	33.65 0.24 0.00	30.94 0.37 0.00	29.84 0.30 0.00	30.14 0.33 0.00	31.38 0.16 0.00	34.82 0.28 0.00	40.15 -0.12 0.00	38.22 -0.27 0.00	37.83 -0.08 0.00	37.16 0.29 0.00	35.18 0.21 0.00	34.40 0.17 0.00	33.96 0.30 0.00
ALLEGHENY___COGEN 23514	32.89 1.51 0.00	30.79 1.33 0.00	29.66 1.14 0.00	30.29 1.31 0.00	30.83 1.52 0.00	32.48 1.66 0.00	34.91 1.76 0.00	35.20 1.32 0.00	35.90 0.94 0.00	35.27 0.79 0.00	34.82 0.72 0.00	33.82 0.40 0.00	30.91 0.34 0.00	29.84 0.30 0.00	30.17 0.36 0.00	31.75 0.53 0.00	35.17 0.62 0.00	41.52 1.25 0.00	39.95 1.46 0.00	38.85 0.95 0.00	37.75 0.88 0.00	35.99 1.01 0.00	34.94 0.72 0.00	34.64 0.98 0.00
ALTAMONT_115KV_TB 2 55880	31.98 0.60 0.00	29.99 0.53 0.00	29.06 0.54 0.00	29.53 0.55 0.00	29.84 0.53 0.00	31.40 0.59 0.00	33.85 0.70 0.00	34.63 0.75 0.00	35.79 0.84 0.00	35.26 0.79 0.00	34.92 0.82 0.00	34.18 0.77 0.00	31.28 0.70 0.00	30.19 0.65 0.00	30.49 0.69 0.00	32.00 0.78 0.00	35.41 0.86 0.00	41.56 1.29 0.00	39.83 1.35 0.00	39.08 1.17 0.00	37.79 0.92 0.00	35.85 0.87 0.00	35.11 0.89 0.00	34.50 0.84 0.00
ALTONA_WT_PWR 323606	32.83 1.44 0.00	30.96 1.50 0.00	29.94 1.43 0.00	30.52 1.54 0.00	30.89 1.58 0.00	32.39 1.57 0.00	34.32 1.16 0.00	35.20 1.32 0.00	36.35 1.40 0.00	35.89 1.41 0.00	35.40 1.30 0.00	34.68 1.27 0.00	31.76 1.19 0.00	30.57 1.03 0.00	30.82 1.01 0.00	32.25 1.03 0.00	35.82 1.28 0.00	41.28 1.01 0.00	39.22 0.73 0.00	38.66 0.76 0.00	37.97 1.11 0.00	35.92 0.94 0.00	35.08 0.86 0.00	35.04 1.38 0.00
AMERICAN_REF_FUEL 24010	29.50 -1.88 0.00	27.78 -1.68 0.00	26.69 -1.83 0.00	27.30 -1.68 0.00	27.76 -1.55 0.00	29.18 -1.63 0.00	31.07 -2.09 0.00	30.73 -3.15 0.00	31.15 -3.81 0.00	30.85 -3.62 0.00	30.69 -3.41 0.00	29.77 -3.64 0.00	27.79 -2.78 0.00	26.82 -2.72 0.00	26.98 -2.83 0.00	28.17 -3.06 0.00	30.36 -4.18 0.00	35.56 -4.71 0.00	34.41 -4.08 0.00	33.12 -4.78 0.00	32.15 -4.72 0.00	30.88 -4.09 0.00	30.01 -4.21 0.00	30.33 -3.33 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.32 -0.06 0.00	29.52 0.06 0.00	28.34 -0.17 0.00	29.01 0.03 0.00	29.46 0.15 0.00	31.00 0.19 0.00	33.22 0.07 0.00	32.90 -0.98 0.00	33.42 -1.54 0.00	33.09 -1.38 0.00	32.91 -1.19 0.00	31.91 -1.50 0.00	29.69 -0.89 0.00	28.65 -0.89 0.00	28.79 -1.01 0.00	30.07 -1.15 0.00	32.51 -2.04 0.00	38.26 -2.01 0.00	37.02 -1.46 0.00	35.63 -2.27 0.00	34.58 -2.29 0.00	33.19 -1.78 0.00	32.21 -2.02 0.00	32.45 -1.21 0.00
ARTHUR KILL_GT_1 23520	32.83 1.44 0.00	30.67 1.21 0.00	29.80 1.28 0.00	30.17 1.19 0.00	30.54 1.23 0.00	32.08 1.26 0.00	34.81 1.66 0.00	35.71 1.83 0.00	36.81 1.85 0.00	36.37 1.89 0.00	35.94 1.84 0.00	35.58 2.17 0.00	32.54 1.90 -0.07	31.35 1.80 -0.01	31.75 1.88 -0.07	45.89 2.09 -12.58	36.74 2.14 -0.06	43.44 3.10 -0.07	53.41 3.19 -11.73	41.13 2.99 -0.24	39.34 2.47 0.00	39.39 2.27 -2.14	36.62 2.33 -0.07	44.24 2.19 -8.39
ARTHUR_KILL_2 23512	32.73 1.35 0.00	30.58 1.12 0.00	29.71 1.20 0.00	30.08 1.10 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.72 1.56 0.00	35.61 1.73 0.00	36.70 1.75 0.00	36.26 1.79 0.00	35.87 1.77 0.00	35.49 2.07 0.00	32.44 1.80 -0.07	31.26 1.71 -0.01	31.66 1.79 -0.07	45.80 2.00 -12.58	36.64 2.04 -0.06	43.32 2.98 -0.07	53.30 3.08 -11.73	41.02 2.88 -0.24	39.19 2.32 0.00	39.25 2.13 -2.14	36.51 2.22 -0.07	44.14 2.09 -8.39
ARTHUR_KILL_3 23513	32.48 1.10 0.01	30.40 0.94 0.01	29.53 1.02 0.01	29.93 0.96 0.01	30.24 0.94 0.01	31.83 1.02 0.01	34.44 1.29 0.01	35.58 1.69 0.00	36.84 1.89 0.00	36.37 1.89 0.00	36.01 1.91 0.00	35.52 2.11 0.00	32.51 1.87 -0.07	31.38 1.83 -0.01	31.73 1.85 -0.07	45.74 1.94 -12.58	36.61 2.00 -0.06	43.28 2.94 -0.07	53.11 2.89 -11.74	40.84 2.69 -0.24	39.08 2.21 0.00	39.10 1.99 -2.13	36.37 2.09 -0.06	43.96 1.92 -8.38

ARTHUR_KILL_COGEN 323718	32.83 1.44 0.00	30.67 1.21 0.00	29.80 1.28 0.00	30.17 1.19 0.00	30.54 1.23 0.00	32.08 1.26 0.00	34.81 1.66 0.00	35.71 1.83 0.00	36.81 1.85 0.00	36.37 1.89 0.00	35.94 1.84 0.00	35.58 2.17 0.00	32.54 1.90 -0.07	31.35 1.80 -0.01	31.75 1.88 -0.07	45.89 2.09 -12.58	36.74 2.14 -0.06	43.44 3.10 -0.07	53.41 3.19 -11.73	41.13 2.99 -0.24	39.34 2.47 0.00	39.39 2.27 -2.14	36.62 2.33 -0.07	44.24 2.19 -8.39
ASHOKAN____ 23654	32.48 1.10 0.00	30.40 0.94 0.00	29.40 0.88 0.00	29.88 0.90 0.00	30.07 0.76 0.00	31.68 0.86 0.00	34.19 1.03 0.00	34.49 0.61 0.00	35.69 0.74 0.00	34.99 0.52 0.00	34.51 0.41 0.00	33.85 0.43 0.00	30.70 0.12 0.00	29.57 0.03 0.00	29.93 0.12 0.00	31.60 0.38 0.00	35.27 0.73 0.00	41.56 1.29 0.00	39.91 1.42 0.00	39.15 1.25 0.00	37.72 0.85 0.00	35.78 0.80 0.00	35.22 0.99 0.00	34.64 0.98 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.94 0.96 0.00	30.31 1.00 0.00	31.83 1.02 0.00	34.39 1.23 0.00	35.54 1.66 0.00	36.66 1.71 0.01	36.22 1.76 0.01	35.83 1.74 0.01	35.49 2.07 0.00	32.45 1.87 -0.01	31.35 1.80 -0.01	31.63 1.82 -0.01	33.19 1.97 0.00	36.58 2.04 0.00	43.22 2.94 -0.01	41.46 2.96 -0.01	40.64 2.73 -0.01	39.16 2.29 0.00	37.07 2.10 0.00	36.46 2.22 -0.01	35.72 2.05 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.94 0.96 0.00	30.31 1.00 0.00	31.83 1.02 0.00	34.39 1.23 0.00	35.54 1.66 0.00	36.66 1.71 0.01	36.22 1.76 0.01	35.83 1.74 0.01	35.49 2.07 0.00	32.45 1.87 -0.01	31.35 1.80 -0.01	31.63 1.82 -0.01	33.19 1.97 0.00	36.58 2.04 0.00	43.22 2.94 -0.01	41.46 2.96 -0.01	40.64 2.73 -0.01	39.16 2.29 0.00	37.07 2.10 0.00	36.46 2.22 -0.01	35.72 2.05 -0.01
ASTORIA_GT2_1 24094	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT2_2 24095	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT2_3 24096	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT2_4 24097	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT3_1 24098	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT3_2 24099	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT3_3 24100	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT3_4 24101	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT4_1 24102	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT4_2 24103	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT4_3 24104	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00

ASTORIA_GT4_4 24105	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.48 1.59 0.00	36.67 1.71 0.00	36.16 1.69 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.44 1.87 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.04 2.18 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.75 2.09 0.00
ASTORIA_GT_1 23523	32.70 1.32 0.00	30.52 1.06 0.00	29.66 1.14 0.00	30.00 1.01 0.00	30.36 1.05 0.00	31.90 1.08 0.00	34.49 1.33 0.00	35.61 1.73 0.00	36.76 1.82 0.01	36.29 1.83 0.01	35.93 1.84 0.01	35.58 2.17 0.00	32.51 1.93 -0.01	31.41 1.86 -0.01	31.72 1.91 -0.01	33.28 2.06 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.53 3.04 -0.01	40.75 2.84 -0.01	39.23 2.36 0.00	37.18 2.20 0.00	36.53 2.29 -0.01	35.79 2.12 -0.01
ASTORIA_GT_10 24110	32.74 1.35 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.91 1.96 0.00	36.40 1.93 0.00	36.08 1.98 0.00	35.38 1.97 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.32 2.09 0.00	36.69 2.14 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.19 2.32 0.00	37.31 2.34 0.00	36.55 2.33 0.00	35.81 2.15 0.00
ASTORIA_GT_11 24225	32.74 1.35 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.91 1.96 0.00	36.40 1.93 0.00	36.08 1.98 0.00	35.38 1.97 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.32 2.09 0.00	36.69 2.14 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.19 2.32 0.00	37.31 2.34 0.00	36.55 2.33 0.00	35.81 2.15 0.00
ASTORIA_GT_12 24226	32.74 1.35 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.91 1.96 0.00	36.40 1.93 0.00	36.08 1.98 0.00	35.38 1.97 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.32 2.09 0.00	36.69 2.14 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.19 2.32 0.00	37.31 2.34 0.00	36.55 2.33 0.00	35.81 2.15 0.00
ASTORIA_GT_13 24227	32.74 1.35 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.91 1.96 0.00	36.40 1.93 0.00	36.08 1.98 0.00	35.38 1.97 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.32 2.09 0.00	36.69 2.14 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.19 2.32 0.00	37.31 2.34 0.00	36.55 2.33 0.00	35.81 2.15 0.00
ASTORIA_GT_5 24106	32.70 1.32 0.00	30.52 1.06 0.00	29.65 1.14 0.00	30.00 1.01 0.00	30.37 1.06 0.00	31.93 1.11 0.00	34.48 1.33 0.00	35.54 1.66 0.00	36.74 1.78 0.00	36.23 1.76 0.00	35.91 1.81 0.00	35.22 1.80 0.00	32.50 1.93 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.25 2.03 0.00	36.65 2.11 0.00	43.33 3.06 0.00	41.58 3.08 -0.02	40.80 2.88 -0.02	39.12 2.25 0.00	37.31 2.34 0.00	36.52 2.29 0.00	35.78 2.12 0.00
ASTORIA_GT_7 24107	32.70 1.32 0.00	30.52 1.06 0.00	29.65 1.14 0.00	30.00 1.01 0.00	30.37 1.06 0.00	31.93 1.11 0.00	34.48 1.33 0.00	35.54 1.66 0.00	36.74 1.78 0.00	36.23 1.76 0.00	35.91 1.81 0.00	35.22 1.80 0.00	32.50 1.93 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.25 2.03 0.00	36.65 2.11 0.00	43.33 3.06 0.00	41.58 3.08 -0.02	40.80 2.88 -0.02	39.12 2.25 0.00	37.31 2.34 0.00	36.52 2.29 0.00	35.78 2.12 0.00
ASTORIA_GT_8 24108	32.70 1.32 0.00	30.52 1.06 0.00	29.65 1.14 0.00	30.00 1.01 0.00	30.37 1.06 0.00	31.93 1.11 0.00	34.48 1.33 0.00	35.54 1.66 0.00	36.74 1.78 0.00	36.23 1.76 0.00	35.91 1.81 0.00	35.22 1.80 0.00	32.50 1.93 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.25 2.03 0.00	36.65 2.11 0.00	43.33 3.06 0.00	41.58 3.08 -0.02	40.80 2.88 -0.02	39.12 2.25 0.00	37.31 2.34 0.00	36.52 2.29 0.00	35.78 2.12 0.00
ASTORIA___2 24149	32.64 1.26 0.00	30.46 1.00 0.00	29.60 1.08 0.00	29.97 0.99 0.00	30.31 1.00 0.00	31.87 1.05 0.00	34.42 1.26 0.00	35.54 1.66 0.00	36.69 1.75 0.01	36.22 1.76 0.01	35.87 1.77 0.01	35.52 2.11 0.00	32.45 1.87 -0.01	31.35 1.80 -0.01	31.66 1.85 -0.01	33.22 2.00 0.00	36.62 2.07 0.00	43.26 2.98 -0.01	41.46 2.96 -0.01	40.67 2.77 -0.01	39.16 2.29 0.00	37.11 2.13 0.00	36.46 2.22 -0.01	35.72 2.05 -0.01
ASTORIA___3 23516	32.73 1.35 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.91 1.96 0.00	36.47 2.00 0.00	36.08 1.98 0.00	35.69 2.27 0.00	32.60 2.02 -0.01	31.47 1.92 -0.01	31.78 1.97 -0.01	33.35 2.12 0.00	36.72 2.18 0.00	43.42 3.14 -0.01	41.66 3.16 -0.02	40.88 2.96 -0.02	39.30 2.43 0.00	37.21 2.24 0.00	36.56 2.33 -0.01	35.82 2.16 -0.01
ASTORIA___4 23517	32.74 1.35 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.91 1.96 0.00	36.40 1.93 0.00	36.08 1.98 0.00	35.38 1.97 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.32 2.09 0.00	36.69 2.14 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.19 2.32 0.00	37.31 2.34 0.00	36.55 2.33 0.00	35.81 2.15 0.00
ASTORIA___5 23518	32.73 1.35 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.91 1.96 0.00	36.47 2.00 0.00	36.08 1.98 0.00	35.69 2.27 0.00	32.60 2.02 -0.01	31.47 1.92 -0.01	31.78 1.97 -0.01	33.35 2.12 0.00	36.72 2.18 0.00	43.42 3.14 -0.01	41.66 3.16 -0.02	40.88 2.96 -0.02	39.30 2.43 0.00	37.21 2.24 0.00	36.56 2.33 -0.01	35.82 2.16 -0.01
AST_ENERGY_2_CC3 323677	32.61 1.22 0.00	30.49 1.03 0.00	29.62 1.11 0.00	30.02 1.04 0.00	30.34 1.03 0.00	31.93 1.11 0.00	34.55 1.39 0.00	35.61 1.73 0.00	36.88 1.92 0.00	36.40 1.93 0.00	36.04 1.94 0.00	35.55 2.14 0.00	32.48 1.90 -0.01	31.41 1.86 -0.01	31.69 1.88 -0.01	33.19 1.97 0.00	36.62 2.07 0.00	43.26 2.98 -0.01	41.47 2.96 -0.02	40.68 2.77 -0.02	39.12 2.25 0.00	37.00 2.03 0.00	36.35 2.12 -0.01	35.65 1.99 -0.01
AST_ENERGY_2_CC4 323678	32.61 1.22 0.00	30.49 1.03 0.00	29.62 1.11 0.00	30.02 1.04 0.00	30.34 1.03 0.00	31.93 1.11 0.00	34.55 1.39 0.00	35.61 1.73 0.00	36.88 1.92 0.00	36.40 1.93 0.00	36.04 1.94 0.00	35.55 2.14 0.00	32.48 1.90 -0.01	31.41 1.86 -0.01	31.69 1.88 -0.01	33.19 1.97 0.00	36.62 2.07 0.00	43.26 2.98 -0.01	41.47 2.96 -0.02	40.68 2.77 -0.02	39.12 2.25 0.00	37.00 2.03 0.00	36.35 2.12 -0.01	35.65 1.99 -0.01

ATHENS_STG_1 23668	32.14 0.75 0.00	30.17 0.71 0.00	29.23 0.71 0.00	29.68 0.69 0.00	29.99 0.67 0.00	31.56 0.74 0.00	34.05 0.90 0.00	34.90 1.02 0.00	36.07 1.12 0.00	35.57 1.10 0.00	35.19 1.09 0.00	34.55 1.14 0.00	31.58 1.01 0.00	30.51 0.97 0.00	30.82 1.01 0.00	32.29 1.06 0.00	35.68 1.14 0.00	41.96 1.69 0.00	40.22 1.73 0.00	39.46 1.55 0.00	38.12 1.25 0.00	36.12 1.15 0.00	35.42 1.20 0.00	34.77 1.11 0.00
ATHENS_STG_2 23670	32.14 0.75 0.00	30.17 0.71 0.00	29.23 0.71 0.00	29.68 0.69 0.00	29.99 0.67 0.00	31.56 0.74 0.00	34.05 0.90 0.00	34.90 1.02 0.00	36.07 1.12 0.00	35.57 1.10 0.00	35.19 1.09 0.00	34.55 1.14 0.00	31.58 1.01 0.00	30.51 0.97 0.00	30.82 1.01 0.00	32.29 1.06 0.00	35.68 1.14 0.00	41.96 1.69 0.00	40.22 1.73 0.00	39.46 1.55 0.00	38.12 1.25 0.00	36.12 1.15 0.00	35.42 1.20 0.00	34.77 1.11 0.00
ATHENS_STG_3 23677	32.14 0.75 0.00	30.17 0.71 0.00	29.23 0.71 0.00	29.68 0.69 0.00	29.99 0.67 0.00	31.56 0.74 0.00	34.05 0.90 0.00	34.90 1.02 0.00	36.07 1.12 0.00	35.57 1.10 0.00	35.19 1.09 0.00	34.55 1.14 0.00	31.58 1.01 0.00	30.51 0.97 0.00	30.82 1.01 0.00	32.29 1.06 0.00	35.68 1.14 0.00	41.96 1.69 0.00	40.22 1.73 0.00	39.46 1.55 0.00	38.12 1.25 0.00	36.12 1.15 0.00	35.42 1.20 0.00	34.77 1.11 0.00
AUBURN___LFGE 323710	31.42 0.03 0.00	29.43 -0.03 0.00	28.46 -0.06 0.00	28.95 -0.03 0.00	29.34 0.03 0.00	30.91 0.09 0.00	33.26 0.10 0.00	33.71 -0.17 0.00	34.71 -0.24 0.00	34.23 -0.24 0.00	33.86 -0.24 0.00	33.15 -0.27 0.00	30.27 -0.31 0.00	29.22 -0.32 0.00	29.45 -0.36 0.00	30.91 -0.31 0.00	34.20 -0.35 0.00	40.03 -0.24 0.00	38.37 -0.12 0.00	37.67 -0.23 0.00	36.54 -0.33 0.00	34.66 -0.31 0.00	33.85 -0.38 0.00	33.39 -0.27 0.00
BABYLON_RES_REC 323704	34.91 2.07 -1.45	32.91 1.89 -1.56	31.16 1.91 -0.74	32.98 1.86 -2.14	34.40 1.85 -3.25	34.85 1.97 -2.06	35.44 2.29 0.00	40.47 2.64 -3.94	40.50 2.87 -2.68	41.17 2.79 -3.91	41.06 2.83 -4.13	39.28 2.87 -2.99	38.60 2.60 -5.43	38.62 2.54 -6.53	38.26 2.56 -5.89	39.31 2.72 -5.37	43.04 2.97 -5.52	52.95 4.07 -8.61	54.12 4.00 -11.63	53.24 3.79 -11.55	49.10 3.28 -8.95	42.83 3.01 -4.85	41.45 2.98 -4.25	39.38 2.79 -2.92
BABYLON___69_KV_BK2 356345	35.32 2.48 -1.45	33.29 2.27 -1.56	31.54 2.28 -0.74	33.36 2.23 -2.14	34.78 2.23 -3.25	35.28 2.40 -2.06	35.88 2.72 0.00	40.91 3.08 -3.94	40.92 3.29 -2.68	41.59 3.21 -3.91	41.54 3.31 -4.13	39.58 3.17 -2.99	39.00 2.89 -5.43	38.97 2.92 -6.53	39.68 3.09 -5.89	43.52 3.45 -5.37	53.55 4.67 -5.52	54.73 4.62 -8.61	53.85 4.40 -11.63	49.66 3.83 -11.55	43.42 3.60 -8.95	41.93 3.46 -4.85	39.78 3.20 -4.25	
BALL_HILL_WT_PWR 323825	30.85 -0.53 0.00	29.05 -0.41 0.00	27.91 -0.60 0.00	28.55 -0.43 0.00	28.99 -0.32 0.00	30.51 -0.31 0.00	32.63 -0.53 0.00	32.36 -1.52 0.00	32.86 -2.10 0.00	32.54 -1.93 0.00	32.33 -1.77 0.00	31.41 -2.00 0.00	29.20 -1.38 0.00	28.21 -1.33 0.00	28.35 -1.46 0.00	29.60 -1.62 0.00	31.99 -2.56 0.00	37.61 -2.66 0.00	36.37 -2.12 0.00	35.06 -2.84 0.00	33.99 -2.88 0.00	32.63 -2.34 0.00	31.69 -2.53 0.00	31.91 -1.75 0.00
BARON_WINDS___WT_PWR 323822	32.33 0.94 0.00	30.32 0.85 0.00	29.25 0.74 0.00	29.82 0.84 0.00	30.25 0.94 0.00	31.87 1.05 0.00	34.32 1.16 0.00	34.60 0.71 0.00	35.44 0.49 0.00	34.95 0.48 0.00	34.58 0.48 0.00	33.71 0.30 0.00	30.91 0.34 0.00	29.87 0.33 0.00	30.11 0.30 0.00	31.60 0.38 0.00	34.82 0.28 0.00	40.88 0.60 0.00	39.33 0.85 0.00	38.39 0.49 0.00	37.24 0.37 0.00	35.50 0.53 0.00	34.53 0.31 0.00	34.23 0.57 0.00
BARRETT_IC_1 23704	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT_IC_10 23701	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT_IC_11 23702	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT_IC_12 23703	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT_IC_2 23705	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT_IC_3 23706	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT_IC_4 23707	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92

BARRETT_IC_5 23708	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT_IC_6 23709	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT_IC_7 23710	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.57 -2.14	34.11 1.55 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.13 -3.94	39.98 2.34 -2.68	40.66 2.28 -3.91	40.49 2.25 -4.13	38.67 2.27 -2.99	38.17 2.17 -5.43	38.14 2.07 -6.53	37.78 2.09 -5.89	38.81 2.22 -5.37	42.42 2.35 -5.52	52.19 3.30 -8.61	53.46 3.35 -11.63	52.56 3.11 -11.55	48.37 2.54 -8.95	42.23 2.41 -4.85	40.87 2.40 -4.25	38.81 2.22 -2.92
BARRETT_IC_8 23711	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT_IC_9 23700	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT___1 23545	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BARRETT___2 23546	34.56 1.73 -1.45	32.59 1.56 -1.56	30.85 1.60 -0.74	32.69 1.56 -2.14	34.08 1.52 -3.25	34.54 1.66 -2.06	35.08 1.92 0.00	39.96 2.14 -3.94	39.98 2.34 -2.68	40.69 2.31 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.20 2.13 -6.53	37.84 2.15 -5.89	38.84 2.25 -5.37	42.45 2.38 -5.52	52.22 3.34 -8.61	53.42 3.31 -11.63	52.56 3.11 -11.55	48.40 2.58 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
BATAVIA__115KV_TB1 55881	30.76 -0.63 0.00	28.90 -0.56 0.00	27.77 -0.74 0.00	28.40 -0.58 0.00	28.90 -0.41 0.00	30.39 -0.43 0.00	32.46 -0.70 0.00	32.16 -1.73 0.00	32.68 -2.27 0.00	32.47 -2.00 0.00	32.05 -2.05 0.00	31.74 -1.67 0.00	29.14 -1.44 0.00	28.03 -1.51 0.00	28.17 -1.64 0.00	29.35 -1.87 0.00	31.95 -2.59 0.00	37.37 -2.90 0.00	35.91 -2.58 0.00	34.94 -2.96 0.00	33.92 -2.95 0.00	32.17 -2.80 0.00	31.38 -2.84 0.00	31.78 -1.88 0.00
BAYONEEC___CTG1 323682	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.06 1.07 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.58 2.17 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.51 3.00 -0.02	40.76 2.84 -0.02	39.19 2.32 0.00	37.07 2.10 0.00	36.39 2.16 -0.01	35.69 2.02 -0.01
BAYONEEC___CTG10 323750	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.06 1.07 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.58 2.17 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.51 3.00 -0.02	40.76 2.84 -0.02	39.19 2.32 0.00	37.07 2.10 0.00	36.39 2.16 -0.01	35.69 2.02 -0.01
BAYONEEC___CTG2 323683	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.06 1.07 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.58 2.17 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.51 3.00 -0.02	40.76 2.84 -0.02	39.19 2.32 0.00	37.07 2.10 0.00	36.39 2.16 -0.01	35.69 2.02 -0.01
BAYONEEC___CTG3 323684	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.06 1.07 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.58 2.17 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.51 3.00 -0.02	40.76 2.84 -0.02	39.19 2.32 0.00	37.07 2.10 0.00	36.39 2.16 -0.01	35.69 2.02 -0.01
BAYONEEC___CTG4 323685	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.06 1.07 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.58 2.17 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.51 3.00 -0.02	40.76 2.84 -0.02	39.19 2.32 0.00	37.07 2.10 0.00	36.39 2.16 -0.01	35.69 2.02 -0.01
BAYONEEC___CTG5 323686	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.06 1.07 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.58 2.17 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.51 3.00 -0.02	40.76 2.84 -0.02	39.19 2.32 0.00	37.07 2.10 0.00	36.39 2.16 -0.01	35.69 2.02 -0.01
BAYONEEC___CTG6 323687	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.06 1.07 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.58 2.17 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.51 3.00 -0.02	40.76 2.84 -0.02	39.19 2.32 0.00	37.07 2.10 0.00	36.39 2.16 -0.01	35.69 2.02 -0.01

BAYONEEC___CTG7 323688	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.06 1.07 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.58 2.17 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.51 3.00 -0.02	40.76 2.84 -0.02	39.19 2.32 0.00	37.07 2.10 0.00	36.39 2.16 -0.01	35.69 2.02 -0.01
BAYONEEC___CTG8 323689	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.06 1.07 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.58 2.17 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.51 3.00 -0.02	40.76 2.84 -0.02	39.19 2.32 0.00	37.07 2.10 0.00	36.39 2.16 -0.01	35.69 2.02 -0.01
BAYONEEC___CTG9 323749	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.06 1.07 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.58 2.17 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.34 3.06 -0.01	41.51 3.00 -0.02	40.76 2.84 -0.02	39.19 2.32 0.00	37.07 2.10 0.00	36.39 2.16 -0.01	35.69 2.02 -0.01
BEACON___LESR 323632	32.08 0.69 0.00	30.11 0.65 0.00	29.17 0.66 0.00	29.62 0.64 0.00	29.93 0.62 0.00	31.53 0.71 0.00	33.99 0.83 0.00	34.83 0.95 0.00	36.00 1.05 0.00	35.47 1.00 0.00	35.09 0.99 0.00	34.38 0.97 0.00	31.34 0.76 0.00	30.31 0.77 0.00	30.58 0.77 0.00	32.13 0.91 0.00	35.62 1.07 0.00	41.88 1.61 0.00	40.14 1.65 0.00	39.34 1.44 0.00	38.01 1.14 0.00	36.02 1.05 0.00	35.32 1.09 0.00	34.70 1.04 0.00
BEAVER RIVER___HYD 24048	30.98 -0.41 0.00	29.11 -0.35 0.00	28.17 -0.34 0.00	28.66 -0.32 0.00	29.07 -0.24 0.00	30.48 -0.34 0.00	32.69 -0.46 0.00	33.48 -0.41 0.00	34.46 -0.49 0.00	33.99 -0.48 0.00	33.52 -0.58 0.00	32.74 -0.67 0.00	29.96 -0.61 0.00	28.98 -0.56 0.00	29.24 -0.57 0.00	30.63 -0.59 0.00	34.20 -0.35 0.00	39.95 -0.32 0.00	38.26 -0.23 0.00	37.56 -0.34 0.00	36.61 -0.26 0.00	34.66 -0.32 0.00	33.82 -0.41 0.00	33.32 -0.34 0.00
BEEBEE_GT_13 23619	30.57 -0.82 0.00	28.67 -0.80 0.00	27.60 -0.91 0.00	28.20 -0.78 0.00	28.64 -0.67 0.00	30.11 -0.71 0.00	32.26 -0.90 0.00	32.32 -1.56 0.00	33.03 -1.92 0.00	32.75 -1.72 0.00	32.40 -1.71 0.00	31.94 -1.47 0.00	29.26 -1.31 0.00	28.18 -1.36 0.00	28.38 -1.43 0.00	29.63 -1.59 0.00	32.44 -2.11 0.00	37.93 -2.34 0.00	36.41 -2.08 0.00	35.55 -2.35 0.00	34.51 -2.36 0.00	32.73 -2.24 0.00	31.97 -2.26 0.00	31.98 -1.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.02 1.63 0.00	30.82 1.36 0.00	29.94 1.43 0.00	30.32 1.33 0.00	30.69 1.38 0.00	32.27 1.45 0.00	34.98 1.82 0.00	35.98 2.10 0.00	37.19 2.24 0.00	36.68 2.21 0.00	36.35 2.25 0.00	35.65 2.24 0.00	32.92 2.29 -0.06	31.70 2.16 0.00	32.07 2.21 -0.06	46.20 2.40 -12.58	37.05 2.45 -0.06	43.87 3.54 -0.06	53.80 3.58 -11.73	41.51 3.37 -0.24	39.52 2.65 0.00	39.81 2.69 -2.14	36.95 2.67 -0.06	44.50 2.46 -8.38
BETHLEHEM___GRP 23843	31.51 0.13 0.00	29.58 0.12 0.00	28.66 0.14 0.00	29.10 0.12 0.00	29.40 0.09 0.00	30.94 0.12 0.00	33.36 0.20 0.00	34.15 0.27 0.00	35.30 0.35 0.00	34.78 0.31 0.00	34.44 0.34 0.00	33.71 0.30 0.00	30.85 0.28 0.00	29.81 0.27 0.00	30.11 0.30 0.00	31.60 0.37 0.00	34.96 0.41 0.00	41.08 0.81 0.00	39.37 0.89 0.00	38.62 0.72 0.00	37.31 0.44 0.00	35.39 0.42 0.00	34.70 0.48 0.00	34.03 0.37 0.00
BETHLEHEM___GS1 323560	31.51 0.13 0.00	29.58 0.12 0.00	28.66 0.14 0.00	29.10 0.12 0.00	29.40 0.09 0.00	30.94 0.12 0.00	33.36 0.20 0.00	34.15 0.27 0.00	35.30 0.35 0.00	34.78 0.31 0.00	34.44 0.34 0.00	33.78 0.37 0.00	30.85 0.27 0.00	29.84 0.30 0.00	30.11 0.30 0.00	31.57 0.34 0.00	34.96 0.42 0.00	41.03 0.76 0.00	39.30 0.81 0.00	38.54 0.64 0.00	37.27 0.41 0.00	35.32 0.35 0.00	34.67 0.44 0.00	34.03 0.37 0.00
BETHLEHEM___GS2 323561	31.51 0.13 0.00	29.58 0.12 0.00	28.66 0.14 0.00	29.10 0.12 0.00	29.40 0.09 0.00	30.94 0.12 0.00	33.36 0.20 0.00	34.15 0.27 0.00	35.30 0.35 0.00	34.78 0.31 0.00	34.44 0.34 0.00	33.78 0.37 0.00	30.85 0.27 0.00	29.84 0.30 0.00	30.11 0.30 0.00	31.57 0.34 0.00	34.96 0.42 0.00	41.03 0.76 0.00	39.30 0.81 0.00	38.54 0.64 0.00	37.27 0.41 0.00	35.32 0.35 0.00	34.67 0.44 0.00	34.03 0.37 0.00
BETHLEHEM___GS3 323562	31.51 0.13 0.00	29.58 0.12 0.00	28.66 0.14 0.00	29.10 0.12 0.00	29.40 0.09 0.00	30.94 0.12 0.00	33.36 0.20 0.00	34.15 0.27 0.00	35.30 0.35 0.00	34.78 0.31 0.00	34.44 0.34 0.00	33.78 0.37 0.00	30.85 0.27 0.00	29.84 0.30 0.00	30.11 0.30 0.00	31.57 0.34 0.00	34.96 0.42 0.00	41.03 0.76 0.00	39.30 0.81 0.00	38.54 0.64 0.00	37.27 0.41 0.00	35.32 0.35 0.00	34.67 0.44 0.00	34.03 0.37 0.00
BETHLEHEM___STEEL 23779	30.70 -0.69 0.00	28.90 -0.56 0.00	27.77 -0.74 0.00	28.40 -0.58 0.00	28.84 -0.47 0.00	30.29 -0.52 0.00	32.46 -0.70 0.00	31.95 -1.93 0.00	32.44 -2.52 0.00	32.23 -2.24 0.00	31.92 -2.18 0.00	31.61 -1.80 0.00	29.08 -1.50 0.00	28.00 -1.54 0.00	28.14 -1.67 0.00	29.29 -1.94 0.00	31.64 -2.90 0.00	36.93 -3.34 0.00	35.56 -2.93 0.00	34.57 -3.34 0.00	33.55 -3.32 0.00	31.86 -3.11 0.00	31.11 -3.11 0.00	31.61 -2.05 0.00
BETHLHEM_115KV_TB1 79974	31.61 0.22 0.00	29.67 0.21 0.00	28.74 0.23 0.00	29.19 0.20 0.00	29.49 0.18 0.00	31.03 0.22 0.00	33.46 0.30 0.00	34.26 0.37 0.00	35.41 0.45 0.00	34.89 0.41 0.00	34.54 0.44 0.00	33.81 0.40 0.00	30.94 0.37 0.00	29.89 0.35 0.00	30.17 0.36 0.00	31.66 0.44 0.00	35.06 0.52 0.00	41.16 0.89 0.00	39.45 0.96 0.00	38.70 0.80 0.00	37.38 0.52 0.00	35.46 0.49 0.00	34.77 0.55 0.00	34.13 0.47 0.00
BETHPAGE_CC_5 323564	34.75 1.91 -1.45	32.76 1.74 -1.56	31.02 1.77 -0.74	32.84 1.71 -2.14	34.26 1.70 -3.25	34.69 1.82 -2.06	35.28 2.12 0.00	40.30 2.47 -3.94	40.33 2.69 -2.68	41.03 2.65 -3.91	40.90 2.66 -4.13	39.14 2.74 -2.99	38.47 2.48 -5.43	38.50 2.42 -6.53	38.14 2.44 -5.89	39.15 2.56 -5.37	42.86 2.80 -5.52	52.71 3.83 -8.61	53.89 3.77 -11.63	52.98 3.53 -11.55	48.85 3.02 -8.95	42.62 2.80 -4.85	41.24 2.77 -4.25	39.18 2.59 -2.92
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.88 -0.50 0.00	29.08 -0.38 0.00	27.94 -0.57 0.00	28.58 -0.41 0.00	29.02 -0.29 0.00	30.48 -0.34 0.00	32.66 -0.50 0.00	32.16 -1.73 0.00	32.65 -2.31 0.00	32.44 -2.03 0.00	32.12 -1.98 0.00	31.81 -1.60 0.00	29.26 -1.31 0.00	28.18 -1.36 0.00	28.32 -1.49 0.00	29.48 -1.75 0.00	31.85 -2.69 0.00	37.21 -3.06 0.00	35.83 -2.66 0.00	34.83 -3.07 0.00	33.77 -3.10 0.00	32.10 -2.87 0.00	31.32 -2.91 0.00	31.84 -1.82 0.00

BINGHAMTON___COGEN 23790	31.73 0.35 0.00	29.79 0.32 0.00	28.77 0.26 0.00	29.27 0.29 0.00	29.66 0.35 0.00	31.22 0.40 0.00	33.62 0.46 0.00	34.05 0.17 0.00	35.02 0.07 0.00	34.54 0.07 0.00	34.17 0.07 0.00	33.48 0.07 0.00	30.63 0.06 0.00	29.60 0.06 0.00	29.84 0.03 0.00	31.26 0.03 0.00	34.47 -0.07 0.00	40.47 0.20 0.00	38.79 0.31 0.00	38.01 0.11 0.00	36.87 0.00 0.00	35.01 0.03 0.00	34.19 -0.03 0.00	33.76 0.10 0.00
BIXINCNT_115KV_LOAD 355685	31.54 0.16 0.00	29.73 0.27 0.00	28.57 0.06 0.00	29.24 0.26 0.00	29.66 0.35 0.00	31.19 0.37 0.00	33.46 0.30 0.00	33.00 -0.88 0.00	33.56 -1.40 0.00	33.33 -1.14 0.00	33.01 -1.09 0.00	32.54 -0.87 0.00	29.93 -0.64 0.00	28.86 -0.68 0.00	29.00 -0.80 0.00	30.16 -1.06 0.00	32.68 -1.87 0.00	38.30 -1.97 0.00	36.83 -1.65 0.00	35.74 -2.16 0.00	34.66 -2.21 0.00	32.94 -2.03 0.00	32.17 -2.05 0.00	32.55 -1.11 0.00
BLACK RIVER___HYD 24047	30.92 -0.47 0.00	28.99 -0.47 0.00	28.06 -0.46 0.00	28.58 -0.41 0.00	28.99 -0.32 0.00	30.42 -0.40 0.00	32.69 -0.46 0.00	33.41 -0.47 0.00	34.33 -0.63 0.00	33.85 -0.62 0.00	33.38 -0.72 0.00	32.61 -0.80 0.00	29.81 -0.76 0.00	28.86 -0.68 0.00	29.12 -0.68 0.00	30.54 -0.69 0.00	34.20 -0.35 0.00	40.03 -0.24 0.00	38.41 -0.08 0.00	37.64 -0.26 0.00	36.61 -0.26 0.00	34.73 -0.24 0.00	33.85 -0.38 0.00	33.29 -0.37 0.00
BLACKRVR_115KV_TB2 79977	30.92 -0.47 0.00	28.99 -0.47 0.00	28.06 -0.46 0.00	28.58 -0.41 0.00	28.99 -0.32 0.00	30.42 -0.40 0.00	32.69 -0.46 0.00	33.41 -0.47 0.00	34.33 -0.63 0.00	33.85 -0.62 0.00	33.38 -0.72 0.00	32.61 -0.80 0.00	29.78 -0.79 0.00	28.86 -0.68 0.00	29.12 -0.69 0.00	30.54 -0.69 0.00	34.20 -0.35 0.00	39.99 -0.28 0.00	38.37 -0.12 0.00	37.60 -0.30 0.00	36.61 -0.26 0.00	34.69 -0.28 0.00	33.85 -0.38 0.00	33.29 -0.37 0.00
BLISS_WT_PWR 323608	31.54 0.16 0.00	29.73 0.26 0.00	28.60 0.09 0.00	29.24 0.26 0.00	29.69 0.38 0.00	31.25 0.43 0.00	33.49 0.33 0.00	33.21 -0.68 0.00	33.73 -1.22 0.00	33.40 -1.07 0.00	33.21 -0.89 0.00	32.21 -1.20 0.00	29.93 -0.64 0.00	28.89 -0.65 0.00	29.03 -0.78 0.00	30.35 -0.87 0.00	32.85 -1.69 0.00	38.62 -1.65 0.00	37.33 -1.15 0.00	35.89 -2.01 0.00	34.80 -2.06 0.00	33.40 -1.57 0.00	32.44 -1.78 0.00	32.65 -1.01 0.00
BLUESTONE___WT_PWR 323821	33.49 2.10 0.00	31.38 1.91 0.00	30.34 1.83 0.00	30.92 1.94 0.00	31.42 2.11 0.00	33.04 2.22 0.00	35.58 2.42 0.00	36.25 2.37 0.00	37.19 2.24 0.00	36.71 2.24 0.00	36.18 2.08 0.00	35.22 1.80 0.00	32.07 1.50 0.00	31.08 1.54 0.00	31.36 1.55 0.00	32.94 1.72 0.00	36.76 2.21 0.00	43.29 3.02 0.00	41.72 3.23 0.00	40.71 2.80 0.00	39.49 2.62 0.00	37.45 2.48 0.00	36.48 2.26 0.00	35.92 2.26 0.00
BLUE_CIRC_CHEM_DRP 24182	32.08 0.69 0.00	30.11 0.65 0.00	29.14 0.63 0.00	29.62 0.64 0.00	29.93 0.62 0.00	31.50 0.68 0.00	33.92 0.76 0.00	34.70 0.81 0.00	35.83 0.87 0.00	35.30 0.83 0.00	34.92 0.82 0.00	34.21 0.80 0.00	31.28 0.70 0.00	30.19 0.65 0.00	30.49 0.69 0.00	32.00 0.78 0.00	35.44 0.90 0.00	41.60 1.33 0.00	39.83 1.35 0.00	39.08 1.17 0.00	37.79 0.92 0.00	35.88 0.91 0.00	35.18 0.96 0.00	34.57 0.91 0.00
BOC_GAS_DRP 24189	31.83 0.44 0.00	29.87 0.41 0.00	28.94 0.43 0.00	29.39 0.41 0.00	29.69 0.38 0.00	31.25 0.43 0.00	33.69 0.53 0.00	34.49 0.61 0.00	35.62 0.66 0.00	35.13 0.65 0.00	34.78 0.68 0.00	34.05 0.63 0.00	31.19 0.61 0.00	30.10 0.56 0.00	30.40 0.60 0.00	31.88 0.66 0.00	35.27 0.73 0.00	41.40 1.13 0.00	39.64 1.15 0.00	38.92 1.02 0.00	37.64 0.77 0.00	35.71 0.73 0.00	34.98 0.75 0.00	34.33 0.67 0.00
BOONVILLE_115KV_TB1 79983	31.79 0.41 0.00	29.84 0.38 0.00	28.88 0.37 0.00	29.39 0.41 0.00	29.78 0.47 0.00	31.31 0.49 0.00	33.69 0.53 0.00	34.43 0.54 0.00	35.44 0.49 0.00	34.99 0.52 0.00	34.51 0.41 0.00	33.75 0.33 0.00	30.79 0.21 0.00	29.81 0.27 0.00	30.08 0.27 0.00	31.54 0.31 0.00	35.10 0.55 0.00	41.04 0.77 0.00	39.33 0.85 0.00	38.58 0.68 0.00	37.50 0.63 0.00	35.53 0.56 0.00	34.70 0.48 0.00	34.13 0.47 0.00
BORALEX_4TH_BRANCH 23824	32.77 1.38 0.00	30.79 1.33 0.00	29.83 1.31 0.00	30.29 1.30 0.00	30.57 1.26 0.00	32.24 1.42 0.00	34.78 1.62 0.00	35.65 1.76 0.00	36.81 1.85 0.00	36.26 1.79 0.00	35.91 1.81 0.00	35.18 1.77 0.00	32.19 1.62 0.00	31.11 1.57 0.00	31.39 1.58 0.00	32.91 1.69 0.00	36.41 1.87 0.00	42.85 2.58 0.00	41.07 2.58 0.00	40.29 2.39 0.00	38.86 1.99 0.00	36.86 1.89 0.00	36.14 1.92 0.00	35.48 1.82 0.00
BOWLINE___1 23526	32.36 0.97 0.00	30.34 0.88 0.00	29.43 0.91 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.74 0.92 0.00	34.32 1.16 0.00	35.31 1.42 0.00	36.53 1.57 0.00	36.02 1.55 0.00	35.67 1.57 0.00	35.08 1.67 0.00	32.04 1.47 0.00	30.99 1.45 0.00	31.27 1.46 0.00	32.75 1.53 0.00	36.17 1.62 0.00	42.73 2.46 0.00	40.91 2.43 0.00	40.17 2.27 0.00	38.67 1.81 0.00	36.62 1.64 0.00	35.90 1.68 0.00	35.18 1.52 0.00
BOWLINE___2 23595	32.36 0.97 0.00	30.34 0.88 0.00	29.43 0.91 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.74 0.92 0.00	34.32 1.16 0.00	35.31 1.42 0.00	36.53 1.57 0.00	36.02 1.55 0.00	35.67 1.57 0.00	35.08 1.67 0.00	32.04 1.47 0.00	30.99 1.45 0.00	31.27 1.46 0.00	32.75 1.53 0.00	36.17 1.62 0.00	42.73 2.46 0.00	40.91 2.43 0.00	40.17 2.27 0.00	38.67 1.81 0.00	36.62 1.64 0.00	35.90 1.68 0.00	35.18 1.52 0.00
BRADY___115KV_TB2 356060	31.73 0.35 0.00	30.02 0.56 0.00	29.06 0.54 0.00	29.59 0.61 0.00	29.96 0.64 0.00	31.22 0.40 0.00	33.39 0.23 0.00	34.29 0.41 0.00	35.37 0.42 0.00	34.85 0.38 0.00	34.41 0.31 0.00	33.68 0.27 0.00	30.79 0.21 0.00	29.89 0.35 0.00	30.19 0.39 0.00	31.44 0.22 0.00	34.99 0.45 0.00	40.35 0.08 0.00	38.41 -0.08 0.00	37.98 0.08 0.00	37.35 0.48 0.00	35.36 0.38 0.00	34.53 0.31 0.00	34.13 0.47 0.00
BRANSCOMB___SOLAR 323811	32.64 1.26 0.00	30.64 1.18 0.00	29.66 1.14 0.00	30.14 1.16 0.00	30.48 1.17 0.00	32.11 1.29 0.00	34.61 1.46 0.00	35.10 1.22 0.00	36.28 1.33 0.00	35.71 1.24 0.00	35.29 1.19 0.00	34.51 1.10 0.00	31.46 0.89 0.00	30.37 0.83 0.00	30.67 0.86 0.00	32.22 1.00 0.00	35.82 1.28 0.00	42.16 1.89 0.00	40.45 1.96 0.00	39.61 1.71 0.00	38.27 1.40 0.00	36.27 1.29 0.00	35.52 1.30 0.00	34.87 1.21 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.19 2.35 -1.45	33.21 2.18 -1.56	31.45 2.20 -0.74	33.27 2.14 -2.14	34.70 2.14 -3.25	35.19 2.31 -2.06	35.78 2.62 0.00	40.77 2.95 -3.94	40.82 3.18 -2.68	41.48 3.10 -3.91	41.44 3.21 -4.13	39.51 3.11 -2.99	38.90 2.90 -5.43	38.88 2.81 -6.53	38.53 2.83 -5.89	39.62 3.03 -5.37	43.42 3.35 -5.52	53.39 4.51 -8.61	54.58 4.46 -11.63	53.70 4.24 -11.55	49.51 3.69 -8.95	43.32 3.50 -4.85	41.86 3.39 -4.25	39.71 3.13 -2.92



BRISTLHL_115KV_TB1 79998	30.66 -0.72 0.00	28.73 -0.74 0.00	27.77 -0.74 0.00	28.23 -0.75 0.00	28.58 -0.73 0.00	30.08 -0.74 0.00	32.36 -0.80 0.00	32.87 -1.02 0.00	33.87 -1.08 0.00	33.44 -1.03 0.00	33.08 -1.02 0.00	32.38 -1.04 0.00	29.60 -0.98 0.00	28.57 -0.97 0.00	28.79 -1.01 0.00	30.23 -1.00 0.00	33.44 -1.11 0.00	39.10 -1.17 0.00	37.45 -1.04 0.00	36.80 -1.10 0.00	35.69 -1.18 0.00	33.85 -1.12 0.00	33.13 -1.10 0.00	32.65 -1.01 0.00
BROOKHAVEN___DRP 24191	35.16 2.32 -1.45	33.24 2.21 -1.56	31.48 2.22 -0.74	33.30 2.17 -2.14	34.67 2.11 -3.25	35.25 2.37 -2.06	35.78 2.62 0.00	40.81 2.98 -3.94	40.85 3.22 -2.68	41.48 3.10 -3.91	41.47 3.24 -4.13	39.48 3.07 -2.99	38.87 2.87 -5.43	38.85 2.78 -6.53	38.53 2.83 -5.89	39.59 3.00 -5.37	43.38 3.32 -5.52	53.27 4.39 -8.61	54.39 4.27 -11.63	53.73 4.28 -11.55	49.51 3.69 -8.95	43.32 3.50 -4.85	41.86 3.39 -4.25	39.68 3.10 -2.92
BROOKLYN_NAVY_YARD 23515	32.61 1.22 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.02 1.04 0.00	30.36 1.05 0.00	31.96 1.14 0.00	34.58 1.42 0.00	35.68 1.79 0.00	36.98 2.03 0.00	36.51 2.03 0.00	36.15 2.05 0.00	35.62 2.20 0.00	32.57 1.99 -0.01	31.47 1.92 -0.01	31.78 1.97 -0.01	33.25 2.03 0.00	36.72 2.18 0.00	43.38 3.10 -0.01	41.58 3.08 -0.02	40.80 2.88 -0.02	39.23 2.36 0.00	37.11 2.13 0.00	36.42 2.19 -0.01	35.69 2.02 -0.01
BROOKLYN___ARMY_DRP 323595	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
BROOKVLE_69_KV_TB1 55790	34.81 1.98 -1.45	32.82 1.80 -1.56	31.05 1.80 -0.74	32.90 1.77 -2.14	34.31 1.76 -3.25	34.76 1.88 -2.06	35.35 2.19 0.00	40.33 2.51 -3.94	40.36 2.73 -2.68	41.03 2.65 -3.91	40.96 2.73 -4.13	39.04 2.64 -2.99	38.54 2.54 -5.43	38.50 2.42 -6.53	38.11 2.41 -5.89	39.15 2.56 -5.37	42.86 2.80 -5.52	52.55 3.66 -8.61	53.81 3.69 -11.63	52.90 3.45 -11.55	48.70 2.88 -8.95	42.62 2.80 -4.85	41.28 2.81 -4.25	39.18 2.59 -2.92
BROOME_2_LFGE 323671	31.73 0.35 0.00	29.79 0.32 0.00	28.77 0.26 0.00	29.27 0.29 0.00	29.66 0.35 0.00	31.22 0.40 0.00	33.62 0.46 0.00	34.09 0.20 0.00	35.02 0.07 0.00	34.58 0.10 0.00	34.20 0.10 0.00	33.45 0.03 0.00	30.60 0.03 0.00	29.60 0.06 0.00	29.84 0.03 0.00	31.29 0.06 0.00	34.51 -0.03 0.00	40.51 0.24 0.00	38.91 0.42 0.00	38.05 0.15 0.00	36.91 0.04 0.00	35.08 0.11 0.00	34.22 0.00 0.00	33.80 0.14 0.00
BROOME___LFGE 323600	31.73 0.35 0.00	29.79 0.32 0.00	28.77 0.26 0.00	29.27 0.29 0.00	29.66 0.35 0.00	31.22 0.40 0.00	33.62 0.46 0.00	34.09 0.20 0.00	35.02 0.07 0.00	34.58 0.10 0.00	34.20 0.10 0.00	33.45 0.03 0.00	30.60 0.03 0.00	29.60 0.06 0.00	29.84 0.03 0.00	31.29 0.06 0.00	34.51 -0.03 0.00	40.51 0.24 0.00	38.91 0.42 0.00	38.05 0.15 0.00	36.91 0.04 0.00	35.08 0.11 0.00	34.22 0.00 0.00	33.80 0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	30.85 -0.53 0.00	29.11 -0.35 0.00	28.14 -0.37 0.00	28.66 -0.32 0.00	29.05 -0.26 0.00	30.32 -0.49 0.00	32.43 -0.73 0.00	33.27 -0.61 0.00	34.29 -0.66 0.00	33.82 -0.65 0.00	33.32 -0.78 0.00	32.61 -0.80 0.00	29.75 -0.83 0.00	28.89 -0.65 0.00	29.18 -0.63 0.00	30.44 -0.78 0.00	33.99 -0.55 0.00	39.42 -0.85 0.00	37.68 -0.81 0.00	37.11 -0.80 0.00	36.28 -0.59 0.00	34.38 -0.59 0.00	33.54 -0.68 0.00	33.16 -0.50 0.00
BROWNSV1_27_KV_LOAD 356125	32.96 1.57 0.00	30.82 1.36 0.00	29.91 1.40 0.00	30.32 1.33 0.00	30.66 1.35 0.00	32.27 1.45 0.00	34.95 1.79 0.00	36.02 2.13 0.00	37.30 2.34 0.00	36.78 2.31 0.00	36.45 2.35 0.00	35.75 2.34 0.00	32.87 2.29 0.00	31.73 2.19 0.00	32.04 2.24 0.00	33.57 2.34 0.00	37.03 2.49 0.00	43.81 3.54 0.00	42.04 3.54 -0.02	41.25 3.34 -0.02	39.60 2.73 0.00	37.56 2.59 0.00	36.79 2.57 0.00	36.02 2.36 0.00
BURROWS___LYONSDAL 23803	31.64 0.25 0.00	29.70 0.24 0.00	28.74 0.23 0.00	29.24 0.26 0.00	29.66 0.35 0.00	31.16 0.34 0.00	33.49 0.33 0.00	34.26 0.37 0.00	35.27 0.31 0.00	34.78 0.31 0.00	34.31 0.20 0.00	33.55 0.13 0.00	30.60 0.03 0.00	29.66 0.12 0.00	29.93 0.12 0.00	31.35 0.12 0.00	34.92 0.38 0.00	40.83 0.56 0.00	39.14 0.65 0.00	38.39 0.49 0.00	37.35 0.48 0.00	35.39 0.42 0.00	34.57 0.34 0.00	34.00 0.34 0.00
CAITHNESS_CC_1 323624	35.06 2.23 -1.45	33.15 2.12 -1.56	31.39 2.14 -0.74	33.22 2.09 -2.14	34.67 2.11 -3.25	35.12 2.25 -2.06	35.68 2.52 0.00	40.74 2.91 -3.94	40.75 3.11 -2.68	41.41 3.03 -3.91	41.37 3.14 -4.13	39.54 3.14 -2.99	38.81 2.81 -5.43	38.79 2.72 -6.53	38.47 2.77 -5.89	39.49 2.90 -5.37	43.31 3.25 -5.52	53.15 4.27 -8.61	54.27 4.16 -11.63	53.58 4.13 -11.55	49.40 3.58 -8.95	43.14 3.32 -4.85	41.76 3.29 -4.25	39.62 3.03 -2.92
CALPINE BETH_PAGE_GT4 24209	34.66 1.82 -1.45	32.68 1.65 -1.56	30.94 1.68 -0.74	32.78 1.65 -2.14	34.17 1.61 -3.25	34.63 1.76 -2.06	35.21 2.06 0.00	40.20 2.37 -3.94	40.22 2.59 -2.68	40.90 2.52 -3.91	40.79 2.56 -4.13	38.91 2.51 -2.99	38.38 2.38 -5.43	38.38 2.30 -6.53	38.02 2.32 -5.89	39.03 2.44 -5.37	42.73 2.66 -5.52	52.59 3.70 -8.61	53.81 3.69 -11.63	52.90 3.45 -11.55	48.70 2.88 -8.95	42.55 2.73 -4.85	41.14 2.67 -4.25	39.04 2.46 -2.92
CALPINE_BETH_PAGE_GT_4 323586	34.66 1.82 -1.45	32.67 1.65 -1.56	30.94 1.68 -0.74	32.78 1.65 -2.14	34.17 1.61 -3.25	34.63 1.76 -2.06	35.21 2.06 0.00	40.20 2.37 -3.94	40.22 2.59 -2.68	40.93 2.55 -3.91	40.79 2.56 -4.13	39.08 2.67 -2.99	38.39 2.39 -5.43	38.41 2.33 -6.53	38.05 2.35 -5.89	39.06 2.47 -5.37	42.76 2.70 -5.52	52.59 3.70 -8.61	53.77 3.66 -11.63	52.86 3.41 -11.55	48.73 2.91 -8.95	42.48 2.66 -4.85	41.14 2.67 -4.25	39.08 2.49 -2.92
CALPINE_BP_GT1 23823	34.66 1.82 -1.45	32.67 1.65 -1.56	30.94 1.68 -0.74	32.78 1.65 -2.14	34.17 1.61 -3.25	34.63 1.76 -2.06	35.21 2.06 0.00	40.20 2.37 -3.94	40.22 2.59 -2.68	40.93 2.55 -3.91	40.79 2.56 -4.13	39.08 2.67 -2.99	38.39 2.39 -5.43	38.41 2.33 -6.53	38.05 2.35 -5.89	39.06 2.47 -5.37	42.76 2.70 -5.52	52.59 3.70 -8.61	53.77 3.66 -11.63	52.86 3.41 -11.55	48.73 2.91 -8.95	42.48 2.66 -4.85	41.14 2.67 -4.25	39.08 2.49 -2.92
CALSPAN___DRP 24200	30.70 -0.69 0.00	28.90 -0.56 0.00	27.77 -0.74 0.00	28.40 -0.58 0.00	28.84 -0.47 0.00	30.29 -0.52 0.00	32.46 -0.70 0.00	31.95 -1.93 0.00	32.44 -2.52 0.00	32.23 -2.24 0.00	31.92 -2.18 0.00	31.61 -1.80 0.00	29.08 -1.50 0.00	28.00 -1.54 0.00	28.14 -1.67 0.00	29.29 -1.94 0.00	31.64 -2.90 0.00	36.93 -3.34 0.00	35.56 -2.93 0.00	34.57 -3.34 0.00	33.55 -3.32 0.00	31.86 -3.11 0.00	31.11 -3.11 0.00	31.61 -2.05 0.00

CALVERTON___SOLAR 323806	35.29 2.45 -1.45	33.38 2.36 -1.56	31.59 2.34 -0.74	33.42 2.29 -2.14	34.90 2.35 -3.25	35.37 2.50 -2.06	35.94 2.79 0.00	41.01 3.18 -3.94	41.03 3.39 -2.68	41.66 3.28 -3.91	41.64 3.41 -4.13	39.74 3.34 -2.99	39.00 3.00 -5.43	39.00 2.93 -6.53	38.68 2.98 -5.89	39.74 3.15 -5.37	43.59 3.53 -5.52	53.43 4.55 -8.61	54.54 4.42 -11.63	53.88 4.43 -11.55	49.69 3.87 -8.95	43.42 3.60 -4.85	42.00 3.53 -4.25	39.85 3.26 -2.92
CANDIGU_WT_PWR 323617	32.33 0.94 0.00	30.32 0.85 0.00	29.25 0.74 0.00	29.82 0.84 0.00	30.25 0.94 0.00	31.87 1.05 0.00	34.32 1.16 0.00	34.60 0.71 0.00	35.44 0.49 0.00	34.95 0.48 0.00	34.58 0.48 0.00	33.71 0.30 0.00	30.91 0.34 0.00	29.87 0.33 0.00	30.11 0.30 0.00	31.60 0.38 0.00	34.82 0.28 0.00	40.88 0.60 0.00	39.33 0.85 0.00	38.39 0.49 0.00	37.24 0.37 0.00	35.50 0.53 0.00	34.53 0.31 0.00	34.23 0.57 0.00
CARR STREET_E_SYR 24060	30.95 -0.44 0.00	28.99 -0.47 0.00	28.03 -0.48 0.00	28.52 -0.46 0.00	28.87 -0.44 0.00	30.39 -0.43 0.00	32.59 -0.56 0.00	33.00 -0.88 0.00	33.98 -0.98 0.00	33.54 -0.93 0.00	33.18 -0.92 0.00	32.44 -0.97 0.00	29.69 -0.89 0.00	28.71 -0.83 0.00	28.91 -0.89 0.00	30.32 -0.91 0.00	33.54 -1.00 0.00	39.27 -1.01 0.00	37.64 -0.85 0.00	36.92 -0.99 0.00	35.80 -1.07 0.00	34.03 -0.94 0.00	33.23 -0.99 0.00	32.75 -0.91 0.00
CARTHAGE___PAPER 23857	30.88 -0.50 0.00	29.02 -0.44 0.00	28.09 -0.43 0.00	28.61 -0.38 0.00	29.02 -0.29 0.00	30.42 -0.40 0.00	32.66 -0.50 0.00	33.44 -0.44 0.00	34.39 -0.56 0.00	33.92 -0.55 0.00	33.45 -0.65 0.00	32.68 -0.74 0.00	29.87 -0.70 0.00	28.92 -0.62 0.00	29.18 -0.63 0.00	30.57 -0.66 0.00	34.20 -0.35 0.00	39.95 -0.32 0.00	38.30 -0.19 0.00	37.56 -0.34 0.00	36.61 -0.26 0.00	34.66 -0.32 0.00	33.82 -0.41 0.00	33.26 -0.40 0.00
CASSADAGA_WT_PWR 323784	31.67 0.28 0.00	29.84 0.38 0.00	28.66 0.14 0.00	29.33 0.35 0.00	29.78 0.47 0.00	31.34 0.52 0.00	33.62 0.46 0.00	33.34 -0.54 0.00	33.83 -1.12 0.00	33.54 -0.93 0.00	33.35 -0.75 0.00	32.34 -1.07 0.00	30.05 -0.52 0.00	29.01 -0.53 0.00	29.12 -0.68 0.00	30.44 -0.78 0.00	32.92 -1.62 0.00	38.78 -1.49 0.00	37.53 -0.96 0.00	36.12 -1.78 0.00	35.03 -1.84 0.00	33.64 -1.33 0.00	32.65 -1.57 0.00	32.85 -0.81 0.00
CE_DUNWOOD___DRP 24194	32.55 1.16 0.00	30.49 1.03 0.00	29.60 1.08 0.00	30.03 1.04 0.00	30.31 1.00 0.00	31.93 1.11 0.00	34.52 1.36 0.00	35.51 1.63 0.00	36.77 1.82 0.00	36.23 1.76 0.00	35.91 1.81 0.00	35.18 1.77 0.00	32.29 1.71 0.00	31.19 1.65 0.00	31.48 1.67 0.00	33.00 1.78 0.00	36.44 1.90 0.00	43.05 2.78 0.00	41.30 2.81 0.00	40.48 2.58 0.00	38.93 2.06 0.00	36.93 1.96 0.00	36.18 1.95 0.00	35.41 1.75 0.00
CE_MILLWOOD___DRP 24193	32.52 1.13 0.00	30.49 1.03 0.00	29.57 1.05 0.00	30.00 1.01 0.00	30.28 0.97 0.00	31.90 1.08 0.00	34.48 1.33 0.00	35.48 1.59 0.00	36.74 1.78 0.00	36.20 1.72 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.26 1.68 0.00	31.14 1.60 0.00	31.42 1.61 0.00	32.94 1.72 0.00	36.37 1.83 0.00	42.97 2.70 0.00	41.22 2.73 0.00	40.44 2.54 0.00	38.90 2.03 0.00	36.89 1.92 0.00	36.11 1.88 0.00	35.34 1.68 0.00
CE_NYC2_DRP 24202	32.74 1.35 0.00	30.61 1.15 0.00	29.74 1.23 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.05 1.23 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.95 1.99 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.59 2.02 0.00	31.49 1.95 0.00	31.77 1.97 0.00	33.35 2.12 0.00	36.72 2.18 0.00	43.41 3.14 0.00	41.70 3.19 -0.02	40.91 2.99 -0.02	39.23 2.36 0.00	37.35 2.38 0.00	36.55 2.33 0.00	35.81 2.15 0.00
CE_NYC_DRP 24195	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.15 2.05 0.00	35.45 2.04 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.74 1.94 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.84 2.92 -0.02	39.23 2.36 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
CHAFFEE___LFGE 323603	30.79 -0.60 0.00	28.99 -0.47 0.00	27.83 -0.68 0.00	28.49 -0.49 0.00	28.93 -0.38 0.00	30.45 -0.37 0.00	32.56 -0.60 0.00	32.22 -1.66 0.00	32.72 -2.24 0.00	32.40 -2.07 0.00	32.19 -1.91 0.00	31.24 -2.17 0.00	29.11 -1.47 0.00	28.09 -1.45 0.00	28.23 -1.58 0.00	29.51 -1.72 0.00	31.85 -2.69 0.00	37.41 -2.86 0.00	36.22 -2.27 0.00	34.87 -3.03 0.00	33.81 -3.06 0.00	32.45 -2.52 0.00	31.52 -2.70 0.00	31.81 -1.85 0.00
CHATEAUG_35_KV_LOAD 355732	32.64 1.26 0.00	30.79 1.33 0.00	29.77 1.25 0.00	30.35 1.36 0.00	30.69 1.38 0.00	32.20 1.39 0.00	34.22 1.06 0.00	35.14 1.25 0.00	36.28 1.33 0.00	35.78 1.31 0.00	35.33 1.23 0.00	34.58 1.17 0.00	31.61 1.04 0.00	30.51 0.97 0.00	30.79 0.98 0.00	32.22 1.00 0.00	35.79 1.24 0.00	41.24 0.97 0.00	39.18 0.69 0.00	38.62 0.72 0.00	37.97 1.11 0.00	35.92 0.94 0.00	35.08 0.86 0.00	34.94 1.28 0.00
CHATEAUG_WT_PWR 323614	32.58 1.19 0.00	30.76 1.29 0.00	29.74 1.23 0.00	30.32 1.33 0.00	30.66 1.35 0.00	32.17 1.35 0.00	34.15 0.99 0.00	35.04 1.15 0.00	36.18 1.22 0.00	35.68 1.21 0.00	35.22 1.12 0.00	34.51 1.10 0.00	31.61 1.04 0.00	30.43 0.89 0.00	30.70 0.89 0.00	32.10 0.87 0.00	35.62 1.07 0.00	41.08 0.81 0.00	38.99 0.50 0.00	38.47 0.57 0.00	37.79 0.92 0.00	35.74 0.77 0.00	34.91 0.68 0.00	34.84 1.18 0.00
CHAT_HIGH_FALL_HYD 323578	32.64 1.26 0.00	30.79 1.33 0.00	29.77 1.25 0.00	30.35 1.36 0.00	30.69 1.38 0.00	32.20 1.39 0.00	34.22 1.06 0.00	35.14 1.25 0.00	36.28 1.33 0.00	35.78 1.31 0.00	35.33 1.23 0.00	34.58 1.17 0.00	31.61 1.04 0.00	30.51 0.97 0.00	30.79 0.98 0.00	32.22 1.00 0.00	35.79 1.24 0.00	41.24 0.97 0.00	39.18 0.69 0.00	38.62 0.72 0.00	37.97 1.11 0.00	35.92 0.94 0.00	35.08 0.86 0.00	34.94 1.28 0.00
CHAUTAUQUA___LFGE 323629	31.13 -0.25 0.00	29.32 -0.15 0.00	28.17 -0.34 0.00	28.81 -0.17 0.00	29.25 -0.06 0.00	30.79 -0.03 0.00	32.96 -0.20 0.00	32.66 -1.22 0.00	33.17 -1.78 0.00	32.85 -1.62 0.00	32.67 -1.43 0.00	31.67 -1.74 0.00	29.47 -1.10 0.00	28.48 -1.06 0.00	28.61 -1.19 0.00	29.88 -1.34 0.00	32.26 -2.28 0.00	37.98 -2.29 0.00	36.76 -1.73 0.00	35.36 -2.54 0.00	34.33 -2.54 0.00	32.94 -2.03 0.00	31.96 -2.26 0.00	32.21 -1.45 0.00
CHERRYST_13_KV_LD 356241	32.77 1.38 0.00	30.64 1.18 0.00	29.77 1.25 0.00	30.17 1.19 0.00	30.48 1.17 0.00	32.11 1.29 0.00	34.75 1.59 0.00	35.81 1.93 0.00	37.09 2.13 0.00	36.54 2.07 0.00	36.25 2.15 0.00	35.55 2.14 0.00	32.68 2.11 0.00	31.55 2.01 0.00	31.83 2.03 0.00	33.35 2.12 0.00	36.79 2.25 0.00	43.49 3.22 0.00	41.77 3.27 -0.02	40.95 3.03 -0.02	39.34 2.47 0.00	37.31 2.34 0.00	36.55 2.33 0.00	35.78 2.12 0.00

CHESTROR_138KV_BK263 355645	32.26 0.88 0.00	30.26 0.80 0.00	29.34 0.83 0.00	29.77 0.78 0.00	30.04 0.73 0.00	31.65 0.83 0.00	34.19 1.03 0.00	35.04 1.15 0.00	36.28 1.33 0.00	35.71 1.24 0.00	35.36 1.26 0.00	34.65 1.24 0.00	31.77 1.19 0.00	30.69 1.15 0.00	30.97 1.16 0.00	32.47 1.25 0.00	35.89 1.35 0.00	42.32 2.05 0.00	40.60 2.12 0.00	39.83 1.93 0.00	38.38 1.51 0.00	36.41 1.43 0.00	35.66 1.44 0.00	34.91 1.25 0.00
CH_MIDHUDSON___DRP 24192	32.58 1.19 0.00	30.55 1.09 0.00	29.63 1.11 0.00	30.06 1.07 0.00	30.31 1.00 0.00	31.93 1.11 0.00	34.48 1.33 0.00	35.34 1.46 0.00	36.60 1.64 0.00	36.02 1.55 0.00	35.67 1.57 0.00	34.95 1.54 0.00	32.04 1.47 0.00	30.93 1.39 0.00	31.21 1.40 0.00	32.75 1.53 0.00	36.20 1.66 0.00	42.73 2.46 0.00	40.95 2.46 0.00	40.21 2.31 0.00	38.71 1.84 0.00	36.72 1.75 0.00	35.97 1.75 0.00	35.28 1.62 0.00
CH_MISC_IPPS 23765	32.70 1.32 0.00	30.67 1.21 0.00	29.71 1.20 0.00	30.17 1.19 0.00	30.40 1.09 0.00	32.02 1.20 0.00	34.58 1.42 0.00	35.41 1.53 0.00	36.67 1.71 0.00	36.13 1.65 0.00	35.74 1.64 0.00	35.12 1.70 0.00	32.04 1.47 0.00	30.93 1.39 0.00	31.27 1.46 0.00	32.78 1.56 0.00	36.30 1.76 0.00	42.81 2.54 0.00	41.03 2.54 0.00	40.29 2.39 0.00	38.78 1.92 0.00	36.75 1.78 0.00	36.04 1.81 0.00	35.38 1.72 0.00
CH_RES_BVR_FALLS 23983	31.35 -0.03 0.00	29.49 0.03 0.00	28.54 0.03 0.00	29.04 0.06 0.00	29.37 0.06 0.00	30.82 0.00 0.00	33.09 -0.07 0.00	33.85 -0.03 0.00	34.95 0.00 0.00	34.47 0.00 0.00	34.10 0.00 0.00	33.45 0.03 0.00	30.64 0.06 0.00	29.57 0.03 0.00	29.84 0.03 0.00	31.22 0.00 0.00	34.58 0.03 0.00	40.07 -0.20 0.00	38.18 -0.31 0.00	37.71 -0.19 0.00	36.87 0.00 0.00	34.94 -0.03 0.00	34.19 -0.03 0.00	33.66 0.00 0.00
CH_RES_NIAGARA 23895	29.22 -2.17 0.00	27.55 -1.91 0.00	26.43 -2.08 0.00	27.07 -1.91 0.00	27.46 -1.85 0.00	28.91 -1.91 0.00	30.84 -2.32 0.00	30.50 -3.39 0.00	30.90 -4.05 0.00	30.61 -3.86 0.00	30.45 -3.65 0.00	29.57 -3.84 0.00	27.61 -2.97 0.00	26.65 -2.89 0.00	26.80 -3.01 0.00	27.98 -3.25 0.00	30.12 -4.42 0.00	35.28 -4.99 0.00	34.14 -4.35 0.00	32.86 -5.04 0.00	31.89 -4.98 0.00	30.63 -4.34 0.00	29.78 -4.45 0.00	30.13 -3.53 0.00
CH_RES_SYRACUSE 23985	31.17 -0.22 0.00	29.20 -0.27 0.00	28.23 -0.29 0.00	28.69 -0.29 0.00	29.05 -0.26 0.00	30.60 -0.21 0.00	32.89 -0.27 0.00	33.41 -0.47 0.00	34.39 -0.56 0.00	33.92 -0.55 0.00	33.59 -0.51 0.00	32.81 -0.60 0.00	30.02 -0.55 0.00	28.98 -0.56 0.00	29.24 -0.57 0.00	30.69 -0.53 0.00	33.92 -0.62 0.00	39.75 -0.52 0.00	38.10 -0.38 0.00	37.33 -0.57 0.00	36.24 -0.63 0.00	34.45 -0.52 0.00	33.64 -0.58 0.00	33.16 -0.50 0.00
CLINTON_WT_PWR 323605	32.58 1.19 0.00	30.76 1.29 0.00	29.74 1.23 0.00	30.32 1.33 0.00	30.66 1.35 0.00	32.17 1.35 0.00	34.15 0.99 0.00	35.04 1.15 0.00	36.18 1.22 0.00	35.68 1.21 0.00	35.22 1.12 0.00	34.51 1.10 0.00	31.61 1.04 0.00	30.43 0.89 0.00	30.70 0.89 0.00	32.10 0.87 0.00	35.62 1.07 0.00	41.08 0.81 0.00	38.99 0.50 0.00	38.47 0.57 0.00	37.79 0.92 0.00	35.74 0.77 0.00	34.91 0.68 0.00	34.84 1.18 0.00
CLINTON___LFGE 323618	33.14 1.76 0.00	31.29 1.83 0.00	30.22 1.71 0.00	30.84 1.86 0.00	31.21 1.90 0.00	32.76 1.94 0.00	34.65 1.49 0.00	35.58 1.69 0.00	36.74 1.78 0.00	36.26 1.79 0.00	35.77 1.67 0.00	35.02 1.60 0.00	32.07 1.50 0.00	30.84 1.30 0.00	31.12 1.31 0.00	32.57 1.34 0.00	36.20 1.66 0.00	41.76 1.49 0.00	39.68 1.19 0.00	39.08 1.18 0.00	38.42 1.55 0.00	36.30 1.33 0.00	35.42 1.20 0.00	35.41 1.75 0.00
COBBLENY_34_KV_TB1 80064	30.79 -0.60 0.00	28.99 -0.47 0.00	27.83 -0.68 0.00	28.49 -0.49 0.00	28.93 -0.38 0.00	30.39 -0.43 0.00	32.56 -0.60 0.00	32.05 -1.83 0.00	32.54 -2.41 0.00	32.33 -2.14 0.00	32.02 -2.08 0.00	31.71 -1.70 0.00	29.17 -1.41 0.00	28.09 -1.45 0.00	28.23 -1.58 0.00	29.35 -1.87 0.00	31.75 -2.80 0.00	37.09 -3.18 0.00	35.72 -2.77 0.00	34.72 -3.18 0.00	33.66 -3.21 0.00	32.00 -2.97 0.00	31.21 -3.01 0.00	31.71 -1.95 0.00
COFFEEN___115KV_TB3 355620	31.04 -0.35 0.00	29.14 -0.32 0.00	28.17 -0.34 0.00	28.72 -0.26 0.00	29.16 -0.15 0.00	30.57 -0.25 0.00	32.86 -0.30 0.00	33.58 -0.30 0.00	34.46 -0.49 0.00	34.02 -0.45 0.00	33.52 -0.58 0.00	32.74 -0.67 0.00	29.87 -0.70 0.00	28.98 -0.56 0.00	29.27 -0.54 0.00	30.66 -0.56 0.00	34.41 -0.14 0.00	40.27 0.00 0.00	38.68 0.19 0.00	37.86 -0.04 0.00	36.87 0.00 0.00	34.94 -0.03 0.00	34.05 -0.17 0.00	33.46 -0.20 0.00
COLDSPRG_115KV_BK1 355956	32.14 0.75 0.00	30.29 0.82 0.00	29.08 0.57 0.00	29.74 0.75 0.00	30.22 0.91 0.00	31.77 0.96 0.00	34.15 0.99 0.00	33.71 -0.17 0.00	34.26 -0.70 0.00	34.02 -0.45 0.00	33.69 -0.41 0.00	33.18 -0.23 0.00	30.54 -0.03 0.00	29.42 -0.12 0.00	29.54 -0.27 0.00	30.76 -0.47 0.00	33.30 -1.24 0.00	39.14 -1.13 0.00	37.72 -0.77 0.00	36.61 -1.29 0.00	35.50 -1.36 0.00	33.78 -1.19 0.00	32.92 -1.30 0.00	33.26 -0.40 0.00
COLONIE_LFGE___ 323577	32.33 0.94 0.00	30.34 0.88 0.00	29.40 0.88 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.77 0.96 0.00	34.25 1.09 0.00	35.00 1.12 0.00	36.18 1.22 0.00	35.64 1.17 0.00	35.26 1.16 0.00	34.55 1.14 0.00	31.55 0.98 0.00	30.49 0.95 0.00	30.79 0.98 0.00	32.29 1.06 0.00	35.75 1.21 0.00	42.04 1.77 0.00	40.26 1.77 0.00	39.49 1.59 0.00	38.16 1.29 0.00	36.16 1.19 0.00	35.45 1.23 0.00	34.84 1.18 0.00
COOPERNY_115KV_TB1 80082	32.05 0.66 0.00	30.05 0.59 0.00	29.14 0.63 0.00	29.56 0.58 0.00	29.90 0.59 0.00	31.47 0.65 0.00	33.95 0.80 0.00	34.80 0.91 0.00	35.97 1.01 0.00	35.44 0.97 0.00	35.06 0.95 0.00	34.35 0.94 0.00	31.49 0.92 0.00	30.43 0.89 0.00	30.70 0.89 0.00	32.16 0.94 0.00	35.58 1.04 0.00	41.88 1.61 0.00	40.14 1.65 0.00	39.38 1.48 0.00	38.01 1.14 0.00	36.09 1.12 0.00	35.32 1.10 0.00	34.64 0.98 0.00
COPENHAGEN_WT_PWR 323753	30.85 -0.53 0.00	28.96 -0.50 0.00	28.00 -0.51 0.00	28.52 -0.46 0.00	28.96 -0.35 0.00	30.36 -0.46 0.00	32.63 -0.53 0.00	33.34 -0.54 0.00	34.26 -0.70 0.00	33.82 -0.66 0.00	33.35 -0.75 0.00	32.58 -0.83 0.00	29.78 -0.80 0.00	28.83 -0.71 0.00	29.09 -0.72 0.00	30.51 -0.72 0.00	34.09 -0.45 0.00	39.91 -0.36 0.00	38.33 -0.15 0.00	37.52 -0.38 0.00	36.54 -0.33 0.00	34.62 -0.35 0.00	33.78 -0.45 0.00	33.22 -0.44 0.00
CORNELL_____ 23752	32.17 0.78 0.00	30.14 0.68 0.00	29.11 0.60 0.00	29.65 0.67 0.00	30.04 0.73 0.00	31.65 0.83 0.00	34.09 0.93 0.00	34.53 0.64 0.00	35.55 0.59 0.00	35.02 0.55 0.00	34.54 0.44 0.00	33.78 0.37 0.00	30.85 0.28 0.00	29.81 0.27 0.00	30.08 0.27 0.00	31.60 0.37 0.00	35.03 0.48 0.00	41.08 0.81 0.00	39.41 0.92 0.00	38.66 0.76 0.00	37.50 0.63 0.00	35.57 0.59 0.00	34.70 0.48 0.00	34.23 0.57 0.00

CORONA_69_KV_TB1 355595	34.66 1.82 -1.45	32.68 1.65 -1.56	30.91 1.65 -0.74	32.75 1.62 -2.14	34.17 1.61 -3.25	34.63 1.76 -2.06	35.18 2.02 0.00	40.13 2.30 -3.94	40.15 2.52 -2.68	40.83 2.45 -3.91	40.72 2.49 -4.13	38.84 2.44 -2.99	38.32 2.32 -5.43	38.32 2.25 -6.53	37.96 2.27 -5.89	38.96 2.37 -5.37	42.62 2.56 -5.52	52.47 3.58 -8.61	53.73 3.62 -11.63	52.82 3.37 -11.55	48.62 2.80 -8.95	42.48 2.66 -4.85	41.07 2.60 -4.25	38.97 2.39 -2.92
CORTLAND_115KV_TB3 80093	31.79 0.41 0.00	29.82 0.35 0.00	28.83 0.31 0.00	29.33 0.35 0.00	29.69 0.38 0.00	31.28 0.46 0.00	33.65 0.50 0.00	34.15 0.27 0.00	35.16 0.21 0.00	34.68 0.21 0.00	34.27 0.17 0.00	33.51 0.10 0.00	30.63 0.06 0.00	29.60 0.06 0.00	29.87 0.06 0.00	31.32 0.09 0.00	34.68 0.14 0.00	40.67 0.40 0.00	38.99 0.50 0.00	38.24 0.34 0.00	37.09 0.22 0.00	35.18 0.21 0.00	34.36 0.14 0.00	33.86 0.20 0.00
COXSACKIE___GT 23611	33.24 1.85 0.00	31.11 1.65 0.00	30.05 1.54 0.00	30.58 1.59 0.00	30.78 1.46 0.00	32.45 1.63 0.00	34.98 1.82 0.00	35.24 1.36 0.00	36.46 1.50 0.00	35.75 1.28 0.00	35.26 1.16 0.00	34.48 1.07 0.00	31.25 0.67 0.00	30.13 0.59 0.00	30.49 0.69 0.00	32.25 1.03 0.00	36.03 1.48 0.00	42.36 2.09 0.00	40.68 2.19 0.00	39.87 1.97 0.00	38.45 1.58 0.00	36.51 1.54 0.00	35.87 1.64 0.00	35.31 1.65 0.00
CPV_VALLEY___CC1 323721	32.05 0.66 0.00	30.05 0.59 0.00	29.14 0.63 0.00	29.56 0.58 0.00	29.87 0.56 0.00	31.43 0.62 0.00	33.95 0.79 0.00	34.83 0.95 0.00	36.04 1.08 0.00	35.54 1.07 0.00	35.16 1.06 0.00	34.55 1.14 0.00	31.58 1.01 0.00	30.54 1.00 0.00	30.82 1.01 0.00	32.29 1.06 0.00	35.68 1.14 0.00	42.04 1.77 0.00	40.26 1.77 0.00	39.53 1.63 0.00	38.12 1.25 0.00	36.12 1.15 0.00	35.42 1.20 0.00	34.70 1.04 0.00
CPV_VALLEY___CC2 323722	32.05 0.66 0.00	30.05 0.59 0.00	29.14 0.63 0.00	29.56 0.58 0.00	29.87 0.56 0.00	31.43 0.62 0.00	33.95 0.79 0.00	34.83 0.95 0.00	36.04 1.08 0.00	35.54 1.07 0.00	35.16 1.06 0.00	34.55 1.14 0.00	31.58 1.01 0.00	30.54 1.00 0.00	30.82 1.01 0.00	32.29 1.06 0.00	35.68 1.14 0.00	42.04 1.77 0.00	40.26 1.77 0.00	39.53 1.63 0.00	38.12 1.25 0.00	36.12 1.15 0.00	35.42 1.20 0.00	34.70 1.04 0.00
CRESCENT___HYD 24018	32.33 0.94 0.00	30.34 0.88 0.00	29.40 0.88 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.77 0.96 0.00	34.25 1.09 0.00	35.00 1.12 0.00	36.18 1.22 0.00	35.64 1.17 0.00	35.26 1.16 0.00	34.55 1.14 0.00	31.55 0.98 0.00	30.49 0.95 0.00	30.79 0.98 0.00	32.29 1.06 0.00	35.75 1.21 0.00	42.04 1.77 0.00	40.26 1.77 0.00	39.49 1.59 0.00	38.16 1.29 0.00	36.16 1.19 0.00	35.45 1.23 0.00	34.84 1.18 0.00
CRICKET___VALLEY_CC1 323756	32.42 1.03 0.00	30.40 0.94 0.00	29.51 1.00 0.00	29.94 0.96 0.00	30.22 0.91 0.00	31.80 0.99 0.00	34.39 1.23 0.00	35.27 1.39 0.00	36.49 1.54 0.00	35.99 1.52 0.00	35.64 1.54 0.00	35.05 1.64 0.00	32.01 1.44 0.00	30.96 1.42 0.00	31.24 1.43 0.00	32.72 1.50 0.00	36.17 1.62 0.00	42.56 2.29 0.00	40.80 2.31 0.00	40.02 2.12 0.00	38.60 1.73 0.00	36.58 1.61 0.00	35.90 1.68 0.00	35.21 1.55 0.00
CRICKET___VALLEY_CC2 323757	32.42 1.03 0.00	30.40 0.94 0.00	29.51 1.00 0.00	29.94 0.96 0.00	30.22 0.91 0.00	31.80 0.99 0.00	34.39 1.23 0.00	35.27 1.39 0.00	36.49 1.54 0.00	35.99 1.52 0.00	35.64 1.54 0.00	35.05 1.64 0.00	32.01 1.44 0.00	30.96 1.42 0.00	31.24 1.43 0.00	32.72 1.50 0.00	36.17 1.62 0.00	42.56 2.29 0.00	40.80 2.31 0.00	40.02 2.12 0.00	38.60 1.73 0.00	36.58 1.61 0.00	35.90 1.68 0.00	35.21 1.55 0.00
CRICKET___VALLEY_CC3 323758	32.42 1.03 0.00	30.40 0.94 0.00	29.51 1.00 0.00	29.94 0.96 0.00	30.22 0.91 0.00	31.80 0.99 0.00	34.39 1.23 0.00	35.27 1.39 0.00	36.49 1.54 0.00	35.99 1.52 0.00	35.64 1.54 0.00	35.05 1.64 0.00	32.01 1.44 0.00	30.96 1.42 0.00	31.24 1.43 0.00	32.72 1.50 0.00	36.17 1.62 0.00	42.56 2.29 0.00	40.80 2.31 0.00	40.02 2.12 0.00	38.60 1.73 0.00	36.58 1.61 0.00	35.90 1.68 0.00	35.21 1.55 0.00
CRUCIBLE_METL_DRP 24180	31.17 -0.22 0.00	29.20 -0.27 0.00	28.23 -0.29 0.00	28.69 -0.29 0.00	29.05 -0.26 0.00	30.57 -0.25 0.00	32.89 -0.27 0.00	33.38 -0.51 0.00	34.39 -0.56 0.00	33.92 -0.55 0.00	33.56 -0.55 0.00	32.84 -0.57 0.00	30.02 -0.55 0.00	28.98 -0.56 0.00	29.24 -0.57 0.00	30.66 -0.56 0.00	33.92 -0.62 0.00	39.71 -0.56 0.00	38.03 -0.46 0.00	37.33 -0.57 0.00	36.24 -0.63 0.00	34.38 -0.59 0.00	33.61 -0.62 0.00	33.12 -0.54 0.00
DAHOWA___HYDRO 323763	32.70 1.32 0.00	30.70 1.24 0.00	29.71 1.20 0.00	30.20 1.22 0.00	30.57 1.26 0.00	32.17 1.35 0.00	34.72 1.56 0.00	35.10 1.22 0.00	36.28 1.33 0.00	35.71 1.24 0.00	35.29 1.19 0.00	34.51 1.10 0.00	31.40 0.83 0.00	30.34 0.80 0.00	30.64 0.83 0.00	32.22 1.00 0.00	35.79 1.24 0.00	42.16 1.89 0.00	40.45 1.96 0.00	39.61 1.71 0.00	38.23 1.36 0.00	36.23 1.26 0.00	35.49 1.27 0.00	34.84 1.18 0.00
DANC___LFGE 323619	30.76 -0.63 0.00	28.81 -0.65 0.00	27.89 -0.63 0.00	28.37 -0.61 0.00	28.78 -0.53 0.00	30.20 -0.62 0.00	32.46 -0.70 0.00	33.11 -0.78 0.00	34.05 -0.91 0.00	33.58 -0.90 0.00	33.21 -0.89 0.00	32.48 -0.94 0.00	29.69 -0.89 0.00	28.71 -0.83 0.00	28.94 -0.87 0.00	30.35 -0.87 0.00	33.78 -0.76 0.00	39.55 -0.72 0.00	37.95 -0.54 0.00	37.18 -0.72 0.00	36.17 -0.70 0.00	34.34 -0.63 0.00	33.54 -0.68 0.00	32.99 -0.67 0.00
DANSKAMMER___1 23586	32.70 1.32 0.00	30.67 1.21 0.00	29.71 1.20 0.00	30.17 1.19 0.00	30.40 1.09 0.00	32.02 1.20 0.00	34.58 1.42 0.00	35.41 1.53 0.00	36.67 1.71 0.00	36.13 1.65 0.00	35.74 1.64 0.00	35.12 1.70 0.00	32.04 1.47 0.00	30.93 1.39 0.00	31.27 1.46 0.00	32.78 1.56 0.00	36.30 1.76 0.00	42.81 2.54 0.00	41.03 2.54 0.00	40.29 2.39 0.00	38.78 1.92 0.00	36.75 1.78 0.00	36.04 1.81 0.00	35.38 1.72 0.00
DANSKAMMER___2 23589	32.70 1.32 0.00	30.67 1.21 0.00	29.71 1.20 0.00	30.17 1.19 0.00	30.40 1.09 0.00	32.02 1.20 0.00	34.58 1.42 0.00	35.41 1.53 0.00	36.67 1.71 0.00	36.13 1.65 0.00	35.74 1.64 0.00	35.12 1.70 0.00	32.04 1.47 0.00	30.93 1.39 0.00	31.27 1.46 0.00	32.78 1.56 0.00	36.30 1.76 0.00	42.81 2.54 0.00	41.03 2.54 0.00	40.29 2.39 0.00	38.78 1.92 0.00	36.75 1.78 0.00	36.04 1.81 0.00	35.38 1.72 0.00
DANSKAMMER___3 23590	32.70 1.32 0.00	30.67 1.21 0.00	29.71 1.20 0.00	30.17 1.19 0.00	30.40 1.09 0.00	32.02 1.20 0.00	34.58 1.42 0.00	35.41 1.53 0.00	36.67 1.71 0.00	36.13 1.65 0.00	35.74 1.64 0.00	35.12 1.70 0.00	32.04 1.47 0.00	30.93 1.39 0.00	31.27 1.46 0.00	32.78 1.56 0.00	36.30 1.76 0.00	42.81 2.54 0.00	41.03 2.54 0.00	40.29 2.39 0.00	38.78 1.92 0.00	36.75 1.78 0.00	36.04 1.81 0.00	35.38 1.72 0.00

DANSKAMMER___4 23591	32.70 1.32 0.00	30.67 1.21 0.00	29.71 1.20 0.00	30.17 1.19 0.00	30.40 1.09 0.00	32.02 1.20 0.00	34.58 1.42 0.00	35.41 1.53 0.00	36.67 1.71 0.00	36.13 1.65 0.00	35.74 1.64 0.00	35.12 1.70 0.00	32.04 1.47 0.00	30.93 1.39 0.00	31.27 1.46 0.00	32.78 1.56 0.00	36.30 1.76 0.00	42.81 2.54 0.00	41.03 2.54 0.00	40.29 2.39 0.00	38.78 1.92 0.00	36.75 1.78 0.00	36.04 1.81 0.00	35.38 1.72 0.00
DANSKAMMER___DIESEL 23592	32.70 1.32 0.00	30.67 1.21 0.00	29.71 1.20 0.00	30.17 1.19 0.00	30.39 1.08 0.00	32.02 1.20 0.00	34.58 1.43 0.00	35.41 1.52 0.00	36.67 1.71 0.00	36.09 1.62 0.00	35.70 1.60 0.00	34.98 1.57 0.00	32.04 1.47 0.00	30.93 1.39 0.00	31.24 1.43 0.00	32.79 1.56 0.00	36.27 1.73 0.00	42.81 2.54 0.00	41.07 2.58 0.00	40.29 2.39 0.00	38.79 1.92 0.00	36.79 1.82 0.00	36.07 1.85 0.00	35.34 1.68 0.00
DARBY___SOLAR 323810	32.64 1.26 0.00	30.64 1.18 0.00	29.66 1.14 0.00	30.17 1.19 0.00	30.51 1.20 0.00	32.11 1.29 0.00	34.65 1.49 0.00	35.10 1.22 0.00	36.28 1.33 0.00	35.71 1.24 0.00	35.29 1.19 0.00	34.55 1.14 0.00	31.46 0.89 0.00	30.40 0.86 0.00	30.70 0.89 0.00	32.25 1.03 0.00	35.82 1.28 0.00	42.16 1.89 0.00	40.45 1.96 0.00	39.57 1.67 0.00	38.23 1.36 0.00	36.23 1.26 0.00	35.52 1.30 0.00	34.87 1.21 0.00
DASHVILLE___HYD 23610	32.30 0.91 0.00	30.26 0.80 0.00	29.34 0.83 0.00	29.77 0.78 0.00	30.01 0.70 0.00	31.59 0.77 0.00	34.15 0.99 0.00	34.93 1.05 0.00	36.18 1.22 0.00	35.61 1.14 0.00	35.23 1.13 0.00	34.55 1.14 0.00	31.64 1.07 0.00	30.54 1.00 0.00	30.85 1.04 0.00	32.38 1.16 0.00	35.82 1.28 0.00	42.28 2.01 0.00	40.53 2.04 0.00	39.80 1.90 0.00	38.27 1.40 0.00	36.34 1.36 0.00	35.63 1.40 0.00	34.91 1.25 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.91 3.08 -1.45	33.94 2.92 -1.56	32.13 2.88 -0.74	34.00 2.87 -2.14	35.40 2.84 -3.25	36.02 3.14 -2.06	36.61 3.45 0.00	41.69 3.86 -3.94	41.69 4.05 -2.68	42.31 3.93 -3.91	42.33 4.09 -4.13	40.24 3.84 -2.99	39.55 3.55 -5.43	39.50 3.43 -6.53	39.16 3.46 -5.89	40.31 3.72 -5.37	44.25 4.18 -5.52	54.32 5.44 -8.61	55.43 5.31 -11.63	54.76 5.31 -11.55	50.43 4.61 -8.95	44.19 4.37 -4.85	42.68 4.21 -4.25	40.42 3.84 -2.92
DELAWARE___LFGE 323621	32.36 0.97 0.00	30.35 0.88 0.00	29.37 0.86 0.00	29.88 0.90 0.00	30.22 0.91 0.00	31.80 0.99 0.00	34.28 1.13 0.00	35.04 1.15 0.00	36.14 1.19 0.00	35.64 1.17 0.00	35.23 1.13 0.00	34.48 1.07 0.00	31.52 0.95 0.00	30.49 0.95 0.00	30.76 0.95 0.00	32.22 1.00 0.00	35.72 1.17 0.00	41.96 1.69 0.00	40.26 1.77 0.00	39.49 1.59 0.00	38.20 1.33 0.00	36.23 1.26 0.00	35.42 1.20 0.00	34.80 1.14 0.00
DERFIELD_115KV_TB7 355931	31.42 0.03 0.00	29.46 0.00 0.00	28.51 0.00 0.00	28.98 0.00 0.00	29.31 0.00 0.00	30.85 0.03 0.00	33.19 0.03 0.00	33.95 0.07 0.00	35.02 0.07 0.00	34.54 0.07 0.00	34.17 0.07 0.00	33.48 0.07 0.00	30.63 0.06 0.00	29.60 0.06 0.00	29.87 0.06 0.00	31.29 0.06 0.00	34.61 0.07 0.00	40.47 0.20 0.00	38.76 0.27 0.00	38.09 0.19 0.00	36.94 0.07 0.00	35.08 0.10 0.00	34.33 0.10 0.00	33.73 0.07 0.00
DOGLEVILLE___HYD 23807	31.29 -0.09 0.00	29.37 -0.09 0.00	28.43 -0.09 0.00	28.87 -0.12 0.00	29.22 -0.09 0.00	30.73 -0.09 0.00	33.09 -0.07 0.00	33.85 -0.03 0.00	34.95 0.00 0.00	34.51 0.03 0.00	34.10 0.00 0.00	33.41 0.00 0.00	30.51 -0.06 0.00	29.48 -0.06 0.00	29.75 -0.06 0.00	31.16 -0.06 0.00	34.51 -0.03 0.00	40.31 0.04 0.00	38.60 0.12 0.00	37.94 0.04 0.00	36.87 0.00 0.00	34.97 0.00 0.00	34.26 0.03 0.00	33.66 0.00 0.00
DUNKIRK___115KV_TB_200 55889	31.04 -0.35 0.00	29.26 -0.21 0.00	28.09 -0.43 0.00	28.75 -0.23 0.00	29.19 -0.12 0.00	30.66 -0.15 0.00	32.89 -0.27 0.00	32.39 -1.49 0.00	32.89 -2.06 0.00	32.71 -1.76 0.00	32.40 -1.71 0.00	32.01 -1.40 0.00	29.47 -1.10 0.00	28.39 -1.15 0.00	28.53 -1.28 0.00	29.66 -1.56 0.00	32.06 -2.49 0.00	37.53 -2.74 0.00	36.18 -2.31 0.00	35.13 -2.77 0.00	34.07 -2.80 0.00	32.38 -2.59 0.00	31.59 -2.64 0.00	32.04 -1.62 0.00
DUNKIRK___1 23563	31.04 -0.35 0.00	29.26 -0.21 0.00	28.09 -0.43 0.00	28.75 -0.23 0.00	29.19 -0.12 0.00	30.66 -0.15 0.00	32.89 -0.27 0.00	32.39 -1.49 0.00	32.89 -2.06 0.00	32.71 -1.76 0.00	32.40 -1.71 0.00	32.01 -1.40 0.00	29.47 -1.10 0.00	28.39 -1.15 0.00	28.53 -1.28 0.00	29.66 -1.56 0.00	32.06 -2.49 0.00	37.53 -2.74 0.00	36.18 -2.31 0.00	35.13 -2.77 0.00	34.07 -2.80 0.00	32.38 -2.59 0.00	31.59 -2.64 0.00	32.04 -1.62 0.00
DUNKIRK___2 23564	31.04 -0.35 0.00	29.26 -0.21 0.00	28.09 -0.43 0.00	28.75 -0.23 0.00	29.19 -0.12 0.00	30.66 -0.15 0.00	32.89 -0.27 0.00	32.39 -1.49 0.00	32.89 -2.06 0.00	32.71 -1.76 0.00	32.40 -1.71 0.00	32.01 -1.40 0.00	29.47 -1.10 0.00	28.39 -1.15 0.00	28.53 -1.28 0.00	29.66 -1.56 0.00	32.06 -2.49 0.00	37.53 -2.74 0.00	36.18 -2.31 0.00	35.13 -2.77 0.00	34.07 -2.80 0.00	32.38 -2.59 0.00	31.59 -2.64 0.00	32.04 -1.62 0.00
DUNKIRK___3 23565	30.95 -0.44 0.00	29.17 -0.29 0.00	28.00 -0.51 0.00	28.64 -0.35 0.00	29.11 -0.21 0.00	30.57 -0.25 0.00	32.79 -0.36 0.00	32.32 -1.56 0.00	32.86 -2.10 0.00	32.61 -1.86 0.00	32.29 -1.81 0.00	31.94 -1.47 0.00	29.38 -1.19 0.00	28.33 -1.21 0.00	28.47 -1.34 0.00	29.60 -1.62 0.00	32.02 -2.52 0.00	37.49 -2.78 0.00	36.10 -2.39 0.00	35.10 -2.80 0.00	34.03 -2.84 0.00	32.35 -2.62 0.00	31.55 -2.67 0.00	31.94 -1.72 0.00
DUNKIRK___4 23566	30.95 -0.44 0.00	29.17 -0.29 0.00	28.00 -0.51 0.00	28.64 -0.35 0.00	29.11 -0.21 0.00	30.57 -0.25 0.00	32.76 -0.40 0.00	32.29 -1.59 0.00	32.79 -2.17 0.00	32.58 -1.90 0.00	32.26 -1.84 0.00	31.91 -1.50 0.00	29.35 -1.22 0.00	28.30 -1.24 0.00	28.41 -1.40 0.00	29.57 -1.65 0.00	31.95 -2.59 0.00	37.41 -2.86 0.00	36.02 -2.46 0.00	34.98 -2.92 0.00	33.96 -2.91 0.00	32.24 -2.73 0.00	31.49 -2.74 0.00	31.91 -1.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.58 1.19 0.00	30.52 1.06 0.00	29.63 1.11 0.00	30.06 1.07 0.00	30.34 1.03 0.00	31.96 1.14 0.00	34.58 1.43 0.00	35.58 1.69 0.00	36.88 1.92 0.00	36.30 1.83 0.00	35.98 1.88 0.00	35.28 1.87 0.00	32.38 1.80 0.00	31.25 1.71 0.00	31.54 1.73 0.00	33.07 1.84 0.00	36.51 1.97 0.00	43.13 2.86 0.00	41.41 2.93 0.00	40.59 2.69 0.00	39.01 2.14 0.00	37.00 2.03 0.00	36.24 2.02 0.00	35.48 1.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.45 1.07 0.00	30.40 0.94 0.00	29.48 0.97 0.00	29.91 0.93 0.00	30.19 0.88 0.00	31.77 0.96 0.00	34.35 1.19 0.00	35.17 1.29 0.00	36.42 1.47 0.00	35.85 1.38 0.00	35.50 1.40 0.00	34.78 1.37 0.00	31.86 1.28 0.00	30.78 1.24 0.00	31.06 1.25 0.00	32.60 1.37 0.00	36.03 1.49 0.00	42.53 2.26 0.00	40.80 2.31 0.00	40.02 2.12 0.00	38.53 1.66 0.00	36.58 1.61 0.00	35.83 1.61 0.00	35.07 1.41 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.77 1.38 0.00	30.61 1.15 0.00	29.74 1.23 0.00	30.11 1.13 0.00	30.45 1.14 0.00	31.99 1.17 0.00	34.55 1.39 0.00	35.58 1.69 0.00	36.77 1.82 0.00	36.23 1.76 0.00	35.94 1.84 0.00	35.25 1.84 0.00	32.47 1.90 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.62 2.07 0.00	43.29 3.02 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.12 2.25 0.00	37.31 2.34 0.00	36.59 2.36 0.00	35.85 2.19 0.00
E179THST_13_KV_LOAD 356214	32.89 1.51 0.00	30.73 1.27 0.00	29.83 1.31 0.00	30.20 1.22 0.00	30.57 1.26 0.00	32.11 1.29 0.00	34.68 1.53 0.00	35.75 1.86 0.00	36.91 1.96 0.00	36.40 1.93 0.00	36.08 1.98 0.00	35.42 2.00 0.00	32.62 2.05 0.00	31.55 2.01 0.00	31.86 2.06 0.00	33.41 2.19 0.00	36.79 2.25 0.00	43.49 3.22 0.00	41.74 3.23 -0.02	40.91 2.99 -0.02	39.27 2.40 0.00	37.49 2.52 0.00	36.72 2.50 0.00	35.98 2.32 0.00
EAST HAMPTON___GT 23717	36.26 3.42 -1.45	34.30 3.27 -1.56	32.48 3.22 -0.74	34.37 3.25 -2.14	35.84 3.28 -3.25	36.39 3.51 -2.06	37.04 3.88 0.00	42.13 4.30 -3.94	42.15 4.51 -2.68	42.79 4.41 -3.91	42.77 4.54 -4.13	40.74 4.34 -2.99	39.88 3.88 -5.43	39.86 3.78 -6.53	39.54 3.85 -5.89	40.68 4.09 -5.37	44.73 4.66 -5.52	54.92 6.04 -8.61	55.96 5.85 -11.63	55.25 5.80 -11.55	50.98 5.16 -8.95	44.57 4.76 -4.85	43.09 4.62 -4.25	40.86 4.28 -2.92
EAST RIVER___6 23660	32.58 1.19 0.00	30.49 1.03 0.00	29.60 1.08 0.00	30.00 1.01 0.00	30.34 1.03 0.00	31.93 1.11 0.00	34.55 1.39 0.00	35.64 1.76 0.00	36.91 1.96 0.00	36.44 1.96 0.00	36.08 1.98 0.00	35.58 2.17 0.00	32.51 1.93 -0.01	31.44 1.89 -0.01	31.72 1.91 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.30 3.02 -0.01	41.51 3.00 -0.02	40.72 2.80 -0.02	39.16 2.29 0.00	37.03 2.06 0.00	36.39 2.16 -0.01	35.65 1.99 -0.01
EAST RIVER___7 23524	32.58 1.19 0.00	30.49 1.03 0.00	29.60 1.08 0.00	30.00 1.01 0.00	30.34 1.03 0.00	31.93 1.11 0.00	34.55 1.39 0.00	35.64 1.76 0.00	36.91 1.96 0.00	36.44 1.96 0.00	36.08 1.98 0.00	35.58 2.17 0.00	32.51 1.93 -0.01	31.44 1.89 -0.01	31.72 1.91 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.30 3.02 -0.01	41.51 3.00 -0.02	40.72 2.80 -0.02	39.16 2.29 0.00	37.03 2.06 0.00	36.39 2.16 -0.01	35.65 1.99 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.55 1.16 0.00	30.49 1.03 0.00	29.60 1.08 0.00	30.03 1.04 0.00	30.31 1.00 0.00	31.93 1.11 0.00	34.52 1.36 0.00	35.51 1.63 0.00	36.77 1.82 0.00	36.23 1.76 0.00	35.91 1.81 0.00	35.18 1.77 0.00	32.29 1.71 0.00	31.19 1.65 0.00	31.48 1.67 0.00	33.00 1.78 0.00	36.44 1.90 0.00	43.05 2.78 0.00	41.30 2.81 0.00	40.48 2.58 0.00	38.93 2.06 0.00	36.93 1.96 0.00	36.18 1.95 0.00	35.41 1.75 0.00
EAST_HAMPTON___DIESEL 23722	36.29 3.45 -1.45	34.30 3.27 -1.56	32.48 3.22 -0.74	34.37 3.25 -2.14	35.84 3.28 -3.25	36.39 3.51 -2.06	37.04 3.88 0.00	42.16 4.34 -3.94	42.15 4.51 -2.68	42.79 4.41 -3.91	42.77 4.54 -4.13	40.74 4.34 -2.99	39.91 3.91 -5.43	39.86 3.78 -6.53	39.54 3.85 -5.89	40.68 4.09 -5.37	44.73 4.66 -5.52	54.92 6.04 -8.61	56.00 5.89 -11.63	55.29 5.83 -11.55	50.98 5.16 -8.95	44.61 4.79 -4.85	43.09 4.62 -4.25	40.86 4.28 -2.92
EAST_PULASKI___ESR 323781	30.70 -0.69 0.00	28.78 -0.68 0.00	27.83 -0.68 0.00	28.32 -0.67 0.00	28.67 -0.64 0.00	30.11 -0.71 0.00	32.39 -0.76 0.00	32.97 -0.91 0.00	33.94 -1.01 0.00	33.47 -1.00 0.00	33.15 -0.95 0.00	32.48 -0.94 0.00	29.66 -0.92 0.00	28.68 -0.86 0.00	28.88 -0.92 0.00	30.29 -0.94 0.00	33.58 -0.97 0.00	39.30 -0.97 0.00	37.64 -0.85 0.00	36.95 -0.95 0.00	35.87 -1.00 0.00	34.06 -0.91 0.00	33.33 -0.89 0.00	32.82 -0.84 0.00
EAST_RIVER___1 323558	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.75 1.86 0.00	37.02 2.06 0.00	36.54 2.07 0.00	36.15 2.05 0.00	35.65 2.24 0.00	32.60 2.02 -0.01	31.50 1.95 -0.01	31.81 2.00 -0.01	33.28 2.06 0.00	36.72 2.18 0.00	43.38 3.10 -0.01	41.58 3.08 -0.02	40.80 2.88 -0.02	39.26 2.40 0.00	37.14 2.17 0.00	36.46 2.22 -0.01	35.76 2.09 -0.01
EAST_RIVER___2 323559	32.58 1.19 0.00	30.49 1.03 0.00	29.60 1.08 0.00	30.00 1.01 0.00	30.34 1.03 0.00	31.93 1.11 0.00	34.55 1.39 0.00	35.64 1.76 0.00	36.91 1.96 0.00	36.44 1.96 0.00	36.08 1.98 0.00	35.58 2.17 0.00	32.51 1.93 -0.01	31.44 1.89 -0.01	31.72 1.91 -0.01	33.22 2.00 0.00	36.65 2.11 0.00	43.30 3.02 -0.01	41.51 3.00 -0.02	40.72 2.80 -0.02	39.16 2.29 0.00	37.03 2.06 0.00	36.39 2.16 -0.01	35.65 1.99 -0.01
EAST___DELAWARE_HYD 23607	32.05 0.66 0.00	29.99 0.53 0.00	29.08 0.57 0.00	29.51 0.52 0.00	29.75 0.44 0.00	31.34 0.52 0.00	33.86 0.70 0.00	34.60 0.71 0.00	35.79 0.84 0.00	35.23 0.76 0.00	34.78 0.68 0.00	34.21 0.80 0.00	31.15 0.58 0.00	30.10 0.56 0.00	30.43 0.63 0.00	31.94 0.72 0.00	35.44 0.90 0.00	41.84 1.57 0.00	40.10 1.62 0.00	39.38 1.48 0.00	37.94 1.07 0.00	35.95 0.98 0.00	35.25 1.03 0.00	34.57 0.91 0.00
EIGHT_POINT___WT_PWR 323820	33.02 1.63 0.00	30.93 1.47 0.00	29.88 1.37 0.00	30.46 1.48 0.00	30.89 1.58 0.00	32.57 1.76 0.00	35.11 1.96 0.00	35.34 1.46 0.00	36.25 1.29 0.00	35.68 1.21 0.00	35.29 1.19 0.00	34.38 0.97 0.00	31.46 0.89 0.00	30.40 0.86 0.00	30.67 0.86 0.00	32.22 1.00 0.00	35.58 1.04 0.00	41.80 1.53 0.00	40.26 1.77 0.00	39.26 1.36 0.00	38.12 1.25 0.00	36.33 1.36 0.00	35.32 1.09 0.00	34.97 1.31 0.00
ELBRIDGE_115KV_TB2 80188	31.01 -0.38 0.00	29.05 -0.41 0.00	28.09 -0.43 0.00	28.58 -0.41 0.00	28.93 -0.38 0.00	30.45 -0.37 0.00	32.76 -0.40 0.00	33.24 -0.64 0.00	34.22 -0.73 0.00	33.78 -0.69 0.00	33.38 -0.72 0.00	32.71 -0.70 0.00	29.90 -0.67 0.00	28.86 -0.68 0.00	29.12 -0.69 0.00	30.54 -0.69 0.00	33.75 -0.79 0.00	39.51 -0.77 0.00	37.87 -0.62 0.00	37.18 -0.72 0.00	36.06 -0.81 0.00	34.20 -0.77 0.00	33.44 -0.79 0.00	32.99 -0.67 0.00
ELEC_TRO_TEK 24086	34.53 1.69 -1.45	32.56 1.53 -1.56	30.82 1.57 -0.74	32.66 1.54 -2.14	34.05 1.49 -3.25	34.51 1.63 -2.06	35.05 1.89 0.00	40.03 2.20 -3.94	40.05 2.41 -2.68	40.72 2.34 -3.91	40.62 2.39 -4.13	38.74 2.34 -2.99	38.26 2.26 -5.43	38.23 2.16 -6.53	37.87 2.18 -5.89	38.87 2.28 -5.37	42.52 2.45 -5.52	52.35 3.46 -8.61	53.58 3.46 -11.63	52.67 3.22 -11.55	48.51 2.69 -8.95	42.37 2.55 -4.85	40.97 2.50 -4.25	38.87 2.29 -2.92
ELLENBURG_WT_PWR 323604	32.58 1.19 0.00	30.76 1.29 0.00	29.74 1.23 0.00	30.32 1.33 0.00	30.66 1.35 0.00	32.17 1.35 0.00	34.15 0.99 0.00	35.04 1.15 0.00	36.18 1.22 0.00	35.68 1.21 0.00	35.22 1.12 0.00	34.51 1.10 0.00	31.61 1.04 0.00	30.43 0.89 0.00	30.70 0.89 0.00	32.10 0.87 0.00	35.62 1.07 0.00	41.08 0.81 0.00	38.99 0.50 0.00	38.47 0.57 0.00	37.79 0.92 0.00	35.74 0.77 0.00	34.91 0.68 0.00	34.84 1.18 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.38 -1.00 0.00	28.64 -0.82 0.00	27.49 -1.03 0.00	28.11 -0.87 0.00	28.58 -0.73 0.00	30.02 -0.80 0.00	32.10 -1.06 0.00	31.61 -2.27 0.00	32.09 -2.87 0.00	31.92 -2.55 0.00	31.58 -2.52 0.00	31.31 -2.11 0.00	28.77 -1.80 0.00	27.74 -1.80 0.00	27.87 -1.94 0.00	29.01 -2.22 0.00	31.33 -3.21 0.00	36.57 -3.70 0.00	35.22 -3.27 0.00	34.22 -3.68 0.00	33.22 -3.65 0.00	31.54 -3.43 0.00	30.80 -3.42 0.00	31.30 -2.36 0.00
EMPIRE_CC_1 323656	31.98 0.59 0.00	30.05 0.59 0.00	29.11 0.60 0.00	29.56 0.58 0.00	29.84 0.53 0.00	31.43 0.62 0.00	33.86 0.70 0.00	34.63 0.74 0.00	35.79 0.84 0.00	35.27 0.79 0.00	34.95 0.85 0.00	34.28 0.87 0.00	31.37 0.79 0.00	30.31 0.77 0.00	30.61 0.81 0.00	32.10 0.87 0.00	35.44 0.90 0.00	41.60 1.33 0.00	39.83 1.35 0.00	39.08 1.18 0.00	37.75 0.88 0.00	35.81 0.84 0.00	35.22 0.99 0.00	34.57 0.91 0.00
EMPIRE_CC_2 323658	31.98 0.59 0.00	30.05 0.59 0.00	29.11 0.60 0.00	29.56 0.58 0.00	29.84 0.53 0.00	31.43 0.62 0.00	33.86 0.70 0.00	34.63 0.74 0.00	35.79 0.84 0.00	35.27 0.79 0.00	34.95 0.85 0.00	34.28 0.87 0.00	31.37 0.79 0.00	30.31 0.77 0.00	30.61 0.81 0.00	32.10 0.87 0.00	35.44 0.90 0.00	41.60 1.33 0.00	39.83 1.35 0.00	39.08 1.18 0.00	37.75 0.88 0.00	35.81 0.84 0.00	35.22 0.99 0.00	34.57 0.91 0.00
ENORWICH_115KV_TB1 80156	34.09 2.70 0.00	31.91 2.45 0.00	30.85 2.34 0.00	31.48 2.49 0.00	31.98 2.67 0.00	33.65 2.84 0.00	36.21 3.05 0.00	36.83 2.95 0.00	37.72 2.76 0.00	37.23 2.76 0.00	36.56 2.46 0.00	35.58 2.17 0.00	32.35 1.77 0.00	31.28 1.74 0.00	31.60 1.79 0.00	33.22 2.00 0.00	37.27 2.73 0.00	43.98 3.70 0.00	42.37 3.89 0.00	41.39 3.49 0.00	40.19 3.32 0.00	38.01 3.04 0.00	37.03 2.81 0.00	36.45 2.79 0.00
ERIE_ST__34_KV_TB1-2 80199	31.26 -0.13 0.00	29.46 0.00 0.00	28.29 -0.23 0.00	28.92 -0.06 0.00	29.40 0.09 0.00	30.88 0.06 0.00	33.12 -0.03 0.00	32.60 -1.29 0.00	33.10 -1.85 0.00	32.89 -1.59 0.00	32.57 -1.53 0.00	32.21 -1.20 0.00	29.63 -0.95 0.00	28.57 -0.97 0.00	28.67 -1.13 0.00	29.85 -1.37 0.00	32.30 -2.25 0.00	37.81 -2.46 0.00	36.41 -2.08 0.00	35.36 -2.54 0.00	34.29 -2.58 0.00	32.59 -2.38 0.00	31.79 -2.43 0.00	32.28 -1.38 0.00
ERIE_WT_PWR 323693	30.73 -0.66 0.00	28.93 -0.53 0.00	27.77 -0.74 0.00	28.43 -0.55 0.00	28.87 -0.44 0.00	30.39 -0.43 0.00	32.46 -0.70 0.00	32.16 -1.73 0.00	32.61 -2.34 0.00	32.30 -2.17 0.00	32.12 -1.98 0.00	31.17 -2.24 0.00	29.05 -1.53 0.00	28.03 -1.51 0.00	28.17 -1.64 0.00	29.41 -1.81 0.00	31.78 -2.76 0.00	37.29 -2.98 0.00	36.10 -2.39 0.00	34.76 -3.15 0.00	33.70 -3.17 0.00	32.38 -2.59 0.00	31.45 -2.77 0.00	31.71 -1.95 0.00
ESPRGFLD_115KV_TB1 80157	33.33 1.95 0.00	31.26 1.80 0.00	30.25 1.74 0.00	30.78 1.80 0.00	31.22 1.91 0.00	32.88 2.06 0.00	35.45 2.29 0.00	36.12 2.24 0.00	37.23 2.27 0.00	36.71 2.24 0.00	36.18 2.08 0.00	35.35 1.94 0.00	32.22 1.65 0.00	31.14 1.60 0.00	31.45 1.64 0.00	33.04 1.81 0.00	36.79 2.25 0.00	43.33 3.06 0.00	41.64 3.16 0.00	40.71 2.80 0.00	39.38 2.51 0.00	37.38 2.41 0.00	36.52 2.29 0.00	35.88 2.22 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.11 0.72 0.00	30.08 0.62 0.00	29.08 0.57 0.00	29.59 0.61 0.00	29.98 0.67 0.00	31.59 0.77 0.00	34.02 0.86 0.00	34.46 0.58 0.00	35.48 0.52 0.00	34.95 0.48 0.00	34.51 0.41 0.00	33.75 0.33 0.00	30.82 0.24 0.00	29.75 0.21 0.00	30.05 0.24 0.00	31.54 0.31 0.00	34.96 0.41 0.00	41.00 0.72 0.00	39.33 0.85 0.00	38.58 0.68 0.00	37.42 0.55 0.00	35.50 0.52 0.00	34.63 0.41 0.00	34.17 0.50 0.00
ETNA____115KV_TB2 80207	32.11 0.72 0.00	30.08 0.62 0.00	29.08 0.57 0.00	29.59 0.61 0.00	29.98 0.67 0.00	31.59 0.77 0.00	34.02 0.86 0.00	34.46 0.58 0.00	35.48 0.52 0.00	34.95 0.48 0.00	34.51 0.41 0.00	33.75 0.33 0.00	30.82 0.24 0.00	29.75 0.21 0.00	30.05 0.24 0.00	31.54 0.31 0.00	34.96 0.41 0.00	41.00 0.72 0.00	39.33 0.85 0.00	38.58 0.68 0.00	37.42 0.55 0.00	35.50 0.52 0.00	34.63 0.41 0.00	34.17 0.50 0.00
EUCLID__115KV_TB2 356179	30.79 -0.60 0.00	28.84 -0.62 0.00	27.89 -0.63 0.00	28.35 -0.64 0.00	28.69 -0.62 0.00	30.20 -0.62 0.00	32.46 -0.70 0.00	32.97 -0.91 0.00	33.94 -1.01 0.00	33.51 -0.97 0.00	33.11 -0.99 0.00	32.48 -0.94 0.00	29.69 -0.89 0.00	28.65 -0.89 0.00	28.91 -0.89 0.00	30.29 -0.94 0.00	33.51 -1.04 0.00	39.18 -1.09 0.00	37.52 -0.96 0.00	36.84 -1.06 0.00	35.76 -1.11 0.00	33.92 -1.05 0.00	33.16 -1.06 0.00	32.72 -0.94 0.00
E_CANADA_CAP_HY 24051	33.74 2.36 0.00	31.67 2.21 0.00	30.62 2.11 0.00	31.16 2.17 0.00	31.57 2.26 0.00	33.28 2.47 0.00	35.88 2.72 0.00	36.49 2.61 0.00	37.65 2.69 0.00	37.06 2.59 0.00	36.52 2.42 0.00	35.65 2.24 0.00	32.41 1.83 0.00	31.34 1.80 0.00	31.66 1.85 0.00	33.35 2.12 0.00	37.20 2.66 0.00	43.85 3.58 0.00	42.18 3.70 0.00	41.16 3.26 0.00	39.78 2.91 0.00	37.87 2.90 0.00	37.03 2.81 0.00	36.35 2.69 0.00
E_CANADA_MHWK_HY 24050	31.29 -0.09 0.00	29.37 -0.09 0.00	28.43 -0.09 0.00	28.87 -0.12 0.00	29.22 -0.09 0.00	30.73 -0.09 0.00	33.09 -0.07 0.00	33.85 -0.03 0.00	34.95 0.00 0.00	34.51 0.03 0.00	34.10 0.00 0.00	33.41 0.00 0.00	30.51 -0.06 0.00	29.48 -0.06 0.00	29.75 -0.06 0.00	31.16 -0.06 0.00	34.51 -0.03 0.00	40.31 0.04 0.00	38.60 0.12 0.00	37.94 0.04 0.00	36.87 0.00 0.00	34.97 0.00 0.00	34.26 0.03 0.00	33.66 0.00 0.00
E_FISHKILL__LBMP 23776	32.42 1.04 0.00	30.40 0.94 0.00	29.48 0.97 0.00	29.91 0.93 0.00	30.22 0.91 0.00	31.80 0.99 0.00	34.35 1.19 0.00	35.31 1.42 0.00	36.53 1.57 0.00	35.99 1.52 0.00	35.67 1.57 0.00	34.95 1.54 0.00	32.04 1.47 0.00	30.96 1.42 0.00	31.24 1.43 0.00	32.75 1.53 0.00	36.17 1.62 0.00	42.69 2.42 0.00	40.91 2.42 0.00	40.14 2.24 0.00	38.64 1.77 0.00	36.69 1.71 0.00	35.94 1.71 0.00	35.17 1.51 0.00
FALCON__SEABRD_CC1 323796	33.08 1.69 0.00	31.23 1.77 0.00	30.17 1.65 0.00	30.78 1.80 0.00	31.16 1.85 0.00	32.67 1.85 0.00	34.45 1.29 0.00	35.37 1.49 0.00	36.53 1.57 0.00	36.02 1.55 0.00	35.57 1.47 0.00	34.82 1.40 0.00	31.89 1.31 0.00	30.66 1.12 0.00	30.94 1.13 0.00	32.38 1.16 0.00	35.96 1.42 0.00	41.48 1.21 0.00	39.37 0.89 0.00	38.85 0.95 0.00	38.16 1.29 0.00	36.06 1.09 0.00	35.22 0.99 0.00	35.34 1.68 0.00
FALCON__SEABRD_CC2 323797	33.08 1.69 0.00	31.23 1.77 0.00	30.17 1.65 0.00	30.78 1.80 0.00	31.16 1.85 0.00	32.67 1.85 0.00	34.45 1.29 0.00	35.37 1.49 0.00	36.53 1.57 0.00	36.02 1.55 0.00	35.57 1.47 0.00	34.82 1.40 0.00	31.89 1.31 0.00	30.66 1.12 0.00	30.94 1.13 0.00	32.38 1.16 0.00	35.96 1.42 0.00	41.48 1.21 0.00	39.37 0.89 0.00	38.85 0.95 0.00	38.16 1.29 0.00	36.06 1.09 0.00	35.22 0.99 0.00	35.34 1.68 0.00

FAR ROCKAWAY___4 23548	34.94 2.10 -1.45	32.91 1.89 -1.56	31.14 1.88 -0.74	33.01 1.88 -2.14	34.43 1.88 -3.25	34.88 2.00 -2.06	35.45 2.29 0.00	40.40 2.58 -3.94	40.43 2.80 -2.68	41.14 2.76 -3.91	41.03 2.80 -4.13	39.14 2.74 -2.99	38.60 2.60 -5.43	38.56 2.48 -6.53	38.20 2.50 -5.89	39.21 2.62 -5.37	42.93 2.87 -5.52	52.87 3.99 -8.61	54.12 4.00 -11.63	53.20 3.75 -11.55	48.96 3.13 -8.95	42.79 2.97 -4.85	41.35 2.87 -4.25	39.24 2.66 -2.92
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.70 1.32 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.05 1.23 0.00	34.68 1.53 0.00	35.75 1.86 0.00	37.02 2.06 0.00	36.47 2.00 0.00	36.18 2.08 0.00	35.48 2.07 0.00	32.62 2.05 0.00	31.49 1.95 0.00	31.77 1.97 0.00	33.28 2.06 0.00	36.72 2.18 0.00	43.41 3.14 0.00	41.70 3.19 -0.02	40.87 2.96 -0.02	39.27 2.40 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.71 2.05 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.70 1.32 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.05 1.23 0.00	34.68 1.53 0.00	35.75 1.86 0.00	37.02 2.06 0.00	36.47 2.00 0.00	36.18 2.08 0.00	35.48 2.07 0.00	32.59 2.02 0.00	31.49 1.95 0.00	31.77 1.97 0.00	33.28 2.06 0.00	36.72 2.18 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.27 2.40 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.71 2.05 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.15 2.05 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.74 1.94 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.84 2.92 -0.02	39.23 2.36 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
FARRAGUT___LBMP 323566	32.64 1.26 0.00	30.55 1.09 0.00	29.65 1.14 0.00	30.06 1.07 0.00	30.39 1.08 0.00	31.99 1.17 0.00	34.62 1.46 0.00	35.68 1.80 0.00	36.95 1.99 0.00	36.40 1.93 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.53 1.96 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.65 2.11 0.00	43.33 3.06 0.00	41.58 3.08 -0.02	40.80 2.88 -0.02	39.19 2.32 0.00	37.17 2.20 0.00	36.41 2.19 0.00	35.65 1.99 0.00
FENNER___WINDPWR 24204	31.92 0.53 0.00	29.93 0.47 0.00	28.97 0.45 0.00	29.48 0.49 0.00	29.87 0.56 0.00	31.47 0.65 0.00	33.86 0.70 0.00	34.46 0.58 0.00	35.48 0.53 0.00	34.99 0.52 0.00	34.54 0.44 0.00	33.75 0.33 0.00	30.82 0.24 0.00	29.81 0.27 0.00	30.11 0.30 0.00	31.57 0.34 0.00	35.03 0.48 0.00	41.00 0.73 0.00	39.33 0.85 0.00	38.54 0.64 0.00	37.42 0.55 0.00	35.50 0.53 0.00	34.67 0.44 0.00	34.13 0.47 0.00
FIBERTEK___ENERGY 23856	31.17 -0.22 0.00	29.20 -0.27 0.00	28.23 -0.29 0.00	28.69 -0.29 0.00	29.05 -0.26 0.00	30.57 -0.25 0.00	32.89 -0.27 0.00	33.38 -0.51 0.00	34.39 -0.56 0.00	33.92 -0.55 0.00	33.56 -0.55 0.00	32.84 -0.57 0.00	30.02 -0.55 0.00	28.98 -0.56 0.00	29.24 -0.57 0.00	30.66 -0.56 0.00	33.92 -0.62 0.00	39.71 -0.56 0.00	38.03 -0.46 0.00	37.33 -0.57 0.00	36.24 -0.63 0.00	34.38 -0.59 0.00	33.61 -0.62 0.00	33.12 -0.54 0.00
FITZPATRICK___ 23598	30.32 -1.07 0.00	28.43 -1.03 0.00	27.49 -1.03 0.00	27.94 -1.04 0.00	28.26 -1.05 0.00	29.74 -1.08 0.00	31.97 -1.19 0.00	32.53 -1.36 0.00	33.52 -1.43 0.00	33.06 -1.41 0.00	32.70 -1.40 0.00	32.01 -1.40 0.00	29.29 -1.28 0.00	28.30 -1.24 0.00	28.56 -1.25 0.00	29.91 -1.31 0.00	33.09 -1.45 0.00	38.70 -1.57 0.00	37.06 -1.42 0.00	36.35 -1.56 0.00	35.32 -1.55 0.00	33.54 -1.44 0.00	32.79 -1.44 0.00	32.28 -1.38 0.00
FLOWRFLD_69_KV_BK1 356044	35.13 2.29 -1.45	33.18 2.15 -1.56	31.39 2.14 -0.74	33.24 2.12 -2.14	34.64 2.08 -3.25	35.16 2.28 -2.06	35.71 2.55 0.00	40.77 2.95 -3.94	40.78 3.15 -2.68	41.41 3.03 -3.91	41.37 3.14 -4.13	39.44 3.04 -2.99	38.87 2.87 -5.43	38.82 2.75 -6.53	38.50 2.80 -5.89	39.56 2.97 -5.37	43.31 3.25 -5.52	53.27 4.39 -8.61	54.46 4.35 -11.63	53.62 4.17 -11.55	49.40 3.58 -8.95	43.18 3.36 -4.85	41.72 3.25 -4.25	39.61 3.03 -2.92
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.77 1.38 0.00	30.70 1.24 0.00	29.77 1.25 0.00	30.20 1.22 0.00	30.45 1.14 0.00	32.08 1.26 0.00	34.65 1.49 0.00	35.44 1.56 0.00	36.74 1.78 0.00	36.13 1.65 0.00	35.74 1.64 0.00	35.05 1.64 0.00	32.07 1.50 0.00	30.96 1.42 0.00	31.27 1.46 0.00	32.82 1.59 0.00	36.31 1.76 0.00	42.89 2.62 0.00	41.10 2.62 0.00	40.36 2.46 0.00	38.82 1.95 0.00	36.86 1.89 0.00	36.11 1.88 0.00	35.38 1.72 0.00
FORT ORANGE___ 23900	31.89 0.50 0.00	29.93 0.47 0.00	29.00 0.48 0.00	29.45 0.46 0.00	29.75 0.44 0.00	31.31 0.49 0.00	33.76 0.60 0.00	34.53 0.64 0.00	35.69 0.74 0.00	35.13 0.65 0.00	34.75 0.65 0.00	34.08 0.67 0.00	31.09 0.52 0.00	30.04 0.50 0.00	30.34 0.54 0.00	31.85 0.62 0.00	35.30 0.76 0.00	41.48 1.21 0.00	39.76 1.27 0.00	38.96 1.06 0.00	37.68 0.81 0.00	35.71 0.74 0.00	35.04 0.82 0.00	34.40 0.74 0.00
FORT_DRUM_COGEN 23780	30.92 -0.47 0.00	28.99 -0.47 0.00	28.06 -0.46 0.00	28.58 -0.41 0.00	29.02 -0.29 0.00	30.42 -0.40 0.00	32.69 -0.46 0.00	33.41 -0.47 0.00	34.33 -0.63 0.00	33.85 -0.62 0.00	33.38 -0.72 0.00	32.64 -0.77 0.00	29.78 -0.79 0.00	28.89 -0.65 0.00	29.15 -0.66 0.00	30.54 -0.69 0.00	34.20 -0.35 0.00	39.99 -0.28 0.00	38.37 -0.12 0.00	37.60 -0.30 0.00	36.61 -0.26 0.00	34.69 -0.28 0.00	33.85 -0.38 0.00	33.29 -0.37 0.00
FOX_HILLS___ESR 323835	32.83 1.44 0.00	30.67 1.21 0.00	29.80 1.28 0.00	30.17 1.19 0.00	30.54 1.23 0.00	32.11 1.29 0.00	34.82 1.66 0.00	35.75 1.86 0.00	36.91 1.96 0.00	36.40 1.93 0.00	36.04 1.94 0.00	35.35 1.94 0.00	32.65 2.02 -0.06	31.43 1.89 0.00	31.80 1.94 -0.06	45.95 2.15 -12.58	36.78 2.18 -0.06	43.51 3.18 -0.06	53.49 3.27 -11.73	41.17 3.03 -0.24	39.19 2.32 0.00	39.53 2.41 -2.14	36.68 2.40 -0.06	44.26 2.22 -8.38
FPL_FAR_ROCK_GT1 24212	34.94 2.10 -1.45	32.91 1.89 -1.56	31.14 1.88 -0.74	33.01 1.88 -2.14	34.43 1.88 -3.25	34.88 2.00 -2.06	35.44 2.29 0.00	40.43 2.61 -3.94	40.44 2.80 -2.68	41.21 2.83 -3.91	41.03 2.80 -4.13	39.28 2.87 -2.99	38.60 2.60 -5.43	38.58 2.51 -6.53	38.23 2.53 -5.89	39.24 2.65 -5.37	42.97 2.90 -5.52	52.87 3.99 -8.61	54.08 3.97 -11.63	53.17 3.72 -11.55	48.99 3.17 -8.95	42.72 2.90 -4.85	41.35 2.88 -4.25	39.28 2.69 -2.92
FPL_FAR_ROCK_GT2 23815	34.94 2.10 -1.45	32.91 1.89 -1.56	31.14 1.88 -0.74	33.01 1.88 -2.14	34.43 1.88 -3.25	34.88 2.00 -2.06	35.44 2.29 0.00	40.43 2.61 -3.94	40.44 2.80 -2.68	41.21 2.83 -3.91	41.03 2.80 -4.13	39.28 2.87 -2.99	38.60 2.60 -5.43	38.58 2.51 -6.53	38.23 2.53 -5.89	39.24 2.65 -5.37	42.97 2.90 -5.52	52.87 3.99 -8.61	54.08 3.97 -11.63	53.17 3.72 -11.55	48.99 3.17 -8.95	42.72 2.90 -4.85	41.35 2.88 -4.25	39.28 2.69 -2.92



FRANKLIN_FALL_HYD 24054	32.61 1.22 0.00	30.79 1.33 0.00	29.77 1.25 0.00	30.35 1.36 0.00	30.72 1.41 0.00	32.17 1.36 0.00	34.22 1.06 0.00	35.14 1.25 0.00	36.32 1.36 0.00	35.82 1.34 0.00	35.33 1.23 0.00	34.62 1.20 0.00	31.61 1.04 0.00	30.51 0.97 0.00	30.79 0.98 0.00	32.22 1.00 0.00	35.82 1.28 0.00	41.32 1.05 0.00	39.26 0.77 0.00	38.70 0.80 0.00	38.09 1.22 0.00	35.99 1.01 0.00	35.11 0.89 0.00	34.94 1.28 0.00
FREEPORT_EQUS_GT1 23764	34.78 1.95 -1.45	32.79 1.77 -1.56	31.02 1.77 -0.74	32.87 1.74 -2.14	34.28 1.73 -3.25	34.72 1.85 -2.06	35.31 2.15 0.00	40.30 2.47 -3.94	40.29 2.66 -2.68	41.03 2.65 -3.91	40.90 2.66 -4.13	39.14 2.74 -2.99	38.47 2.48 -5.43	38.47 2.39 -6.53	38.14 2.44 -5.89	39.15 2.56 -5.37	42.86 2.80 -5.52	52.71 3.83 -8.61	53.89 3.77 -11.63	53.01 3.56 -11.55	48.85 3.02 -8.95	42.58 2.76 -4.85	41.24 2.77 -4.25	39.18 2.59 -2.92
FREEPORT___CT2 23818	34.78 1.95 -1.45	32.79 1.77 -1.56	31.02 1.77 -0.74	32.87 1.74 -2.14	34.28 1.73 -3.25	34.72 1.85 -2.06	35.31 2.15 0.00	40.30 2.47 -3.94	40.29 2.66 -2.68	41.03 2.65 -3.91	40.90 2.66 -4.13	39.14 2.74 -2.99	38.47 2.48 -5.43	38.47 2.39 -6.53	38.14 2.44 -5.89	39.15 2.56 -5.37	42.86 2.80 -5.52	52.71 3.83 -8.61	53.89 3.77 -11.63	53.01 3.56 -11.55	48.85 3.02 -8.95	42.58 2.76 -4.85	41.24 2.77 -4.25	39.18 2.59 -2.92
FRESHKLS_33_KV_LOAD 356253	32.83 1.44 0.00	30.67 1.21 0.00	29.80 1.28 0.00	30.17 1.19 0.00	30.54 1.23 0.00	32.11 1.29 0.00	34.82 1.66 0.00	35.68 1.80 0.00	36.81 1.85 0.00	36.30 1.83 0.00	35.94 1.84 0.00	35.25 1.84 0.00	32.53 1.90 -0.06	31.34 1.80 0.00	31.71 1.85 -0.06	45.89 2.09 -12.58	36.71 2.11 -0.06	43.43 3.10 -0.06	53.45 3.23 -11.73	41.13 2.99 -0.24	39.15 2.29 0.00	39.49 2.38 -2.14	36.61 2.33 -0.06	44.19 2.15 -8.38
FULTON COGEN____ 23766	30.66 -0.72 0.00	28.73 -0.74 0.00	27.77 -0.74 0.00	28.23 -0.75 0.00	28.58 -0.73 0.00	30.08 -0.74 0.00	32.36 -0.80 0.00	32.87 -1.02 0.00	33.87 -1.08 0.00	33.44 -1.03 0.00	33.08 -1.02 0.00	32.38 -1.04 0.00	29.60 -0.98 0.00	28.57 -0.97 0.00	28.79 -1.01 0.00	30.23 -1.00 0.00	33.44 -1.11 0.00	39.10 -1.17 0.00	37.45 -1.04 0.00	36.80 -1.10 0.00	35.69 -1.18 0.00	33.85 -1.12 0.00	33.13 -1.10 0.00	32.65 -1.01 0.00
FULTON___LFGE 323630	34.99 3.61 0.00	32.85 3.39 0.00	31.73 3.22 0.00	32.31 3.33 0.00	32.77 3.46 0.00	34.55 3.73 0.00	37.30 4.14 0.00	38.05 4.17 0.00	39.32 4.37 0.00	38.61 4.13 0.00	37.99 3.89 0.00	36.99 3.58 0.00	33.45 2.87 0.00	32.38 2.84 0.00	32.76 2.95 0.00	34.66 3.43 0.00	38.83 4.28 0.00	45.87 5.60 0.00	44.22 5.74 0.00	43.02 5.11 0.00	41.51 4.65 0.00	39.41 4.44 0.00	38.54 4.31 0.00	37.83 4.17 0.00
G.F.CEMENT___DRP 24184	32.86 1.48 0.00	30.82 1.36 0.00	29.83 1.31 0.00	30.35 1.36 0.00	30.72 1.41 0.00	32.36 1.54 0.00	34.88 1.72 0.00	35.78 1.90 0.00	37.02 2.06 0.00	36.47 2.00 0.00	36.01 1.91 0.00	35.18 1.77 0.00	31.98 1.41 0.00	30.84 1.30 0.00	31.18 1.37 0.00	32.82 1.59 0.00	36.51 1.97 0.00	43.05 2.78 0.00	41.34 2.85 0.00	40.40 2.50 0.00	38.97 2.10 0.00	36.93 1.96 0.00	36.18 1.95 0.00	35.51 1.85 0.00
GARDENVILLE___LBMP 24039	30.57 -0.82 0.00	28.78 -0.68 0.00	27.66 -0.86 0.00	28.29 -0.70 0.00	28.72 -0.59 0.00	30.17 -0.65 0.00	32.33 -0.83 0.00	31.82 -2.07 0.00	32.30 -2.66 0.00	32.09 -2.38 0.00	31.78 -2.32 0.00	31.47 -1.94 0.00	28.95 -1.62 0.00	27.92 -1.62 0.00	28.02 -1.79 0.00	29.16 -2.06 0.00	31.50 -3.04 0.00	36.81 -3.46 0.00	35.45 -3.04 0.00	34.45 -3.45 0.00	33.44 -3.43 0.00	31.75 -3.22 0.00	31.01 -3.22 0.00	31.51 -2.15 0.00
GARDNVLA_35_KV_LD 355827	30.76 -0.63 0.00	28.96 -0.50 0.00	27.80 -0.71 0.00	28.46 -0.52 0.00	28.90 -0.41 0.00	30.36 -0.46 0.00	32.49 -0.66 0.00	31.99 -1.90 0.00	32.47 -2.48 0.00	32.27 -2.21 0.00	31.95 -2.15 0.00	31.64 -1.77 0.00	29.11 -1.47 0.00	28.06 -1.48 0.00	28.17 -1.64 0.00	29.32 -1.90 0.00	31.68 -2.87 0.00	37.01 -3.26 0.00	35.64 -2.85 0.00	34.64 -3.26 0.00	33.59 -3.28 0.00	31.93 -3.04 0.00	31.14 -3.08 0.00	31.67 -1.99 0.00
GELCKHM___115KV_LOAD 80723	30.92 -0.47 0.00	28.96 -0.50 0.00	28.00 -0.51 0.00	28.49 -0.49 0.00	28.81 -0.50 0.00	30.32 -0.49 0.00	32.63 -0.53 0.00	33.10 -0.78 0.00	34.12 -0.84 0.00	33.64 -0.83 0.00	33.28 -0.82 0.00	32.61 -0.80 0.00	29.81 -0.76 0.00	28.80 -0.74 0.00	29.03 -0.77 0.00	30.44 -0.78 0.00	33.65 -0.90 0.00	39.38 -0.89 0.00	37.72 -0.77 0.00	37.03 -0.87 0.00	35.95 -0.92 0.00	34.10 -0.87 0.00	33.33 -0.89 0.00	32.85 -0.81 0.00
GENERAL___MILLS 23808	30.70 -0.69 0.00	28.90 -0.56 0.00	27.77 -0.74 0.00	28.40 -0.58 0.00	28.84 -0.47 0.00	30.29 -0.52 0.00	32.46 -0.70 0.00	31.95 -1.93 0.00	32.44 -2.52 0.00	32.23 -2.24 0.00	31.92 -2.18 0.00	31.61 -1.80 0.00	29.08 -1.50 0.00	28.00 -1.54 0.00	28.14 -1.67 0.00	29.29 -1.94 0.00	31.64 -2.90 0.00	36.93 -3.34 0.00	35.56 -2.93 0.00	34.57 -3.34 0.00	33.55 -3.32 0.00	31.86 -3.11 0.00	31.11 -3.11 0.00	31.61 -2.05 0.00
GE_PLASTICS___DRP 24183	31.86 0.47 0.00	29.87 0.41 0.00	28.94 0.43 0.00	29.42 0.43 0.00	29.72 0.41 0.00	31.28 0.46 0.00	33.69 0.53 0.00	34.49 0.61 0.00	35.62 0.66 0.00	35.09 0.62 0.00	34.75 0.65 0.00	34.05 0.63 0.00	31.15 0.58 0.00	30.07 0.53 0.00	30.37 0.57 0.00	31.88 0.66 0.00	35.27 0.73 0.00	41.40 1.13 0.00	39.68 1.19 0.00	38.92 1.02 0.00	37.64 0.77 0.00	35.71 0.73 0.00	35.01 0.79 0.00	34.37 0.71 0.00
GILBOA___1 23756	32.01 0.63 0.00	30.02 0.56 0.00	29.08 0.57 0.00	29.53 0.55 0.00	29.87 0.56 0.00	31.43 0.62 0.00	33.89 0.73 0.00	34.66 0.78 0.00	35.83 0.87 0.00	35.30 0.83 0.00	34.95 0.85 0.00	34.28 0.87 0.00	31.34 0.76 0.00	30.28 0.74 0.00	30.55 0.75 0.00	32.03 0.81 0.00	35.41 0.86 0.00	41.60 1.33 0.00	39.83 1.35 0.00	39.11 1.21 0.00	37.83 0.96 0.00	35.85 0.87 0.00	35.11 0.89 0.00	34.50 0.84 0.00
GILBOA___2 23757	32.01 0.63 0.00	30.02 0.56 0.00	29.08 0.57 0.00	29.53 0.55 0.00	29.87 0.56 0.00	31.43 0.62 0.00	33.89 0.73 0.00	34.66 0.78 0.00	35.83 0.87 0.00	35.30 0.83 0.00	34.95 0.85 0.00	34.28 0.87 0.00	31.34 0.76 0.00	30.28 0.74 0.00	30.55 0.75 0.00	32.03 0.81 0.00	35.41 0.86 0.00	41.60 1.33 0.00	39.83 1.35 0.00	39.11 1.21 0.00	37.83 0.96 0.00	35.85 0.87 0.00	35.11 0.89 0.00	34.50 0.84 0.00
GILBOA___3 23758	32.01 0.63 0.00	30.02 0.56 0.00	29.08 0.57 0.00	29.53 0.55 0.00	29.87 0.56 0.00	31.43 0.62 0.00	33.89 0.73 0.00	34.66 0.78 0.00	35.83 0.87 0.00	35.30 0.83 0.00	34.95 0.85 0.00	34.28 0.87 0.00	31.34 0.76 0.00	30.28 0.74 0.00	30.55 0.75 0.00	32.03 0.81 0.00	35.41 0.86 0.00	41.60 1.33 0.00	39.83 1.35 0.00	39.11 1.21 0.00	37.83 0.96 0.00	35.85 0.87 0.00	35.11 0.89 0.00	34.50 0.84 0.00

GILBOA___4 23759	32.01 0.63 0.00	30.02 0.56 0.00	29.08 0.57 0.00	29.53 0.55 0.00	29.87 0.56 0.00	31.43 0.62 0.00	33.89 0.73 0.00	34.66 0.78 0.00	35.83 0.87 0.00	35.30 0.83 0.00	34.95 0.85 0.00	34.28 0.87 0.00	31.34 0.76 0.00	30.28 0.74 0.00	30.55 0.75 0.00	32.03 0.81 0.00	35.41 0.86 0.00	41.60 1.33 0.00	39.83 1.35 0.00	39.11 1.21 0.00	37.83 0.96 0.00	35.85 0.87 0.00	35.11 0.89 0.00	34.50 0.84 0.00
GILBOA____ 23599	32.01 0.63 0.00	30.02 0.56 0.00	29.08 0.57 0.00	29.53 0.55 0.00	29.87 0.56 0.00	31.43 0.62 0.00	33.89 0.73 0.00	34.66 0.78 0.00	35.83 0.87 0.00	35.30 0.83 0.00	34.95 0.85 0.00	34.25 0.84 0.00	31.34 0.76 0.00	30.28 0.74 0.00	30.55 0.75 0.00	32.04 0.81 0.00	35.41 0.86 0.00	41.60 1.33 0.00	39.87 1.39 0.00	39.15 1.25 0.00	37.83 0.96 0.00	35.88 0.91 0.00	35.15 0.92 0.00	34.50 0.84 0.00
GINNA____ 23603	29.19 -2.20 0.00	27.37 -2.09 0.00	26.37 -2.14 0.00	26.90 -2.09 0.00	27.35 -1.96 0.00	28.78 -2.03 0.00	30.84 -2.32 0.00	31.14 -2.74 0.00	31.88 -3.08 0.00	31.51 -2.96 0.00	31.24 -2.86 0.00	30.44 -2.97 0.00	28.01 -2.57 0.00	27.00 -2.54 0.00	27.18 -2.62 0.00	28.48 -2.75 0.00	31.33 -3.21 0.00	36.73 -3.54 0.00	35.29 -3.19 0.00	34.34 -3.56 0.00	33.37 -3.50 0.00	31.79 -3.18 0.00	30.97 -3.25 0.00	30.73 -2.93 0.00
GLEN PARK____ 23778	30.95 -0.44 0.00	29.05 -0.41 0.00	28.09 -0.43 0.00	28.64 -0.35 0.00	29.05 -0.26 0.00	30.48 -0.34 0.00	32.76 -0.40 0.00	33.48 -0.41 0.00	34.39 -0.56 0.00	33.92 -0.55 0.00	33.42 -0.68 0.00	32.65 -0.77 0.00	29.84 -0.73 0.00	28.92 -0.62 0.00	29.18 -0.63 0.00	30.57 -0.66 0.00	34.30 -0.24 0.00	40.15 -0.12 0.00	38.56 0.08 0.00	37.75 -0.15 0.00	36.76 -0.11 0.00	34.83 -0.14 0.00	33.95 -0.27 0.00	33.36 -0.30 0.00
GLENDALE_27_KV_LOAD 356172	32.86 1.48 0.00	30.70 1.24 0.00	29.83 1.31 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.33 0.00	34.78 1.62 0.00	35.85 1.97 0.00	37.09 2.13 0.00	36.57 2.10 0.00	36.25 2.15 0.00	35.55 2.14 0.00	32.74 2.17 0.00	31.61 2.07 0.00	31.92 2.12 0.00	33.50 2.28 0.00	36.89 2.35 0.00	43.61 3.34 0.00	41.89 3.39 -0.02	41.10 3.18 -0.02	39.38 2.51 0.00	37.49 2.52 0.00	36.72 2.50 0.00	35.98 2.32 0.00
GLENWOOD_IC_1_G5 23712	34.72 -1.45 -1.45	32.71 1.68 -1.56	30.97 1.71 -0.74	32.81 1.68 -2.14	34.23 1.67 -3.25	34.66 1.79 -2.06	35.25 2.09 0.00	40.23 2.41 -3.94	40.26 2.62 -2.68	40.93 2.55 -3.91	40.83 2.59 -4.13	38.94 2.54 -2.99	38.41 2.42 -5.43	38.38 2.30 -6.53	38.02 2.32 -5.89	39.06 2.47 -5.37	42.73 2.66 -5.52	52.27 3.38 -8.61	53.50 3.39 -11.63	52.64 3.18 -11.55	48.44 2.62 -8.95	42.41 2.59 -4.85	41.18 2.70 -4.25	39.08 2.49 -2.92
GLENWOOD_IC_2_G1 23688	34.62 1.79 -1.45	32.65 1.62 -1.56	30.88 1.62 -0.74	32.72 1.59 -2.14	34.14 1.58 -3.25	34.57 1.69 -2.06	35.15 1.99 0.00	40.13 2.31 -3.94	40.16 2.52 -2.68	40.86 2.48 -3.91	40.72 2.49 -4.13	39.01 2.61 -2.99	38.32 2.32 -5.43	38.35 2.27 -6.53	37.99 2.30 -5.89	38.99 2.40 -5.37	42.66 2.59 -5.52	52.39 3.50 -8.61	53.58 3.47 -11.63	52.71 3.26 -11.55	48.55 2.73 -8.95	42.37 2.55 -4.85	41.07 2.60 -4.25	39.01 2.42 -2.92
GLENWOOD_IC_3_G1 23689	34.62 1.79 -1.45	32.65 1.62 -1.56	30.88 1.62 -0.74	32.72 1.59 -2.14	34.14 1.58 -3.25	34.57 1.69 -2.06	35.15 1.99 0.00	40.13 2.31 -3.94	40.16 2.52 -2.68	40.86 2.48 -3.91	40.72 2.49 -4.13	39.01 2.61 -2.99	38.32 2.32 -5.43	38.35 2.27 -6.53	37.99 2.30 -5.89	38.99 2.40 -5.37	42.66 2.59 -5.52	52.39 3.50 -8.61	53.58 3.47 -11.63	52.71 3.26 -11.55	48.55 2.73 -8.95	42.37 2.55 -4.85	41.07 2.60 -4.25	39.01 2.42 -2.92
GLENWOOD___4 23550	34.72 1.88 -1.45	32.71 1.68 -1.56	30.97 1.71 -0.74	32.81 1.68 -2.14	34.23 1.67 -3.25	34.66 1.79 -2.06	35.25 2.09 0.00	40.23 2.41 -3.94	40.26 2.62 -2.68	40.93 2.55 -3.91	40.83 2.59 -4.13	38.94 2.54 -2.99	38.41 2.42 -5.43	38.38 2.30 -6.53	38.02 2.32 -5.89	39.06 2.47 -5.37	42.73 2.66 -5.52	52.39 3.50 -8.61	53.62 3.50 -11.63	52.71 3.26 -11.55	48.51 2.69 -8.95	42.48 2.66 -4.85	41.18 2.70 -4.25	39.08 2.49 -2.92
GLENWOOD___5 23614	34.72 1.88 -1.45	32.71 1.68 -1.56	30.97 1.71 -0.74	32.81 1.68 -2.14	34.23 1.67 -3.25	34.66 1.79 -2.06	35.25 2.09 0.00	40.23 2.41 -3.94	40.26 2.62 -2.68	40.93 2.55 -3.91	40.83 2.59 -4.13	38.94 2.54 -2.99	38.41 2.42 -5.43	38.38 2.30 -6.53	38.02 2.32 -5.89	39.06 2.47 -5.37	42.73 2.66 -5.52	52.39 3.50 -8.61	53.62 3.50 -11.63	52.71 3.26 -11.55	48.51 2.69 -8.95	42.48 2.66 -4.85	41.18 2.70 -4.25	39.08 2.49 -2.92
GLOBAL GREEN_PORT_GT1 23814	36.23 3.39 -1.45	34.24 3.21 -1.56	32.45 3.19 -0.74	34.32 3.19 -2.14	35.81 3.25 -3.25	36.33 3.45 -2.06	36.97 3.81 0.00	42.09 4.27 -3.94	42.11 4.48 -2.68	42.76 4.38 -3.91	42.74 4.50 -4.13	40.71 4.31 -2.99	39.85 3.85 -5.43	39.83 3.75 -6.53	39.48 3.79 -5.89	40.62 4.03 -5.37	44.70 4.63 -5.52	54.84 5.96 -8.61	55.93 5.81 -11.63	55.21 5.76 -11.55	50.91 5.09 -8.95	44.54 4.72 -4.85	43.02 4.55 -4.25	40.83 4.24 -2.92
GLOBE___DSASP 323697	29.16 -2.23 0.00	27.46 -2.00 0.00	26.35 -2.17 0.00	26.98 -2.00 0.00	27.41 -1.91 0.00	28.78 -2.03 0.00	30.77 -2.39 0.00	30.22 -3.66 0.00	30.65 -4.30 0.00	30.51 -3.96 0.00	30.18 -3.92 0.00	30.00 -3.41 0.00	27.58 -3.00 0.00	26.59 -2.95 0.00	26.71 -3.10 0.00	27.76 -3.47 0.00	29.95 -4.59 0.00	34.83 -5.44 0.00	33.52 -4.96 0.00	32.63 -5.27 0.00	31.67 -5.20 0.00	30.04 -4.93 0.00	29.36 -4.86 0.00	29.99 -3.67 0.00
GOETHSLN___LBMP 323567	32.48 1.10 0.00	30.40 0.94 0.00	29.51 1.00 0.00	29.91 0.93 0.00	30.25 0.94 0.00	31.83 1.02 0.00	34.45 1.29 0.00	35.54 1.66 0.00	36.84 1.89 0.00	36.30 1.83 0.00	35.98 1.88 0.00	35.28 1.87 0.00	32.44 1.87 0.00	31.31 1.77 0.00	31.60 1.79 0.00	33.13 1.90 0.00	36.51 1.97 0.00	43.17 2.90 0.00	41.43 2.93 -0.02	40.65 2.73 -0.02	39.04 2.18 0.00	37.07 2.10 0.00	36.31 2.09 0.00	35.51 1.85 0.00
GOLAH___69_KV_TB 1_2 80279	30.48 -0.91 0.00	28.61 -0.85 0.00	27.57 -0.94 0.00	28.17 -0.81 0.00	28.64 -0.67 0.00	30.17 -0.65 0.00	32.30 -0.86 0.00	32.22 -1.66 0.00	32.93 -2.03 0.00	32.71 -1.76 0.00	32.33 -1.77 0.00	31.94 -1.47 0.00	29.23 -1.35 0.00	28.15 -1.39 0.00	28.29 -1.52 0.00	29.54 -1.69 0.00	32.30 -2.25 0.00	37.73 -2.54 0.00	36.25 -2.23 0.00	35.32 -2.58 0.00	34.29 -2.58 0.00	32.52 -2.45 0.00	31.73 -2.50 0.00	31.88 -1.78 0.00
GOODYEAR_LAKE_HYD 323669	32.77 1.38 0.00	30.73 1.27 0.00	29.74 1.23 0.00	30.26 1.28 0.00	30.63 1.32 0.00	32.24 1.42 0.00	34.78 1.62 0.00	35.51 1.63 0.00	36.60 1.64 0.00	36.09 1.62 0.00	35.64 1.53 0.00	34.85 1.44 0.00	31.83 1.25 0.00	30.78 1.24 0.00	31.06 1.25 0.00	32.57 1.34 0.00	36.17 1.62 0.00	42.57 2.30 0.00	40.87 2.39 0.00	39.99 2.08 0.00	38.71 1.84 0.00	36.72 1.75 0.00	35.87 1.64 0.00	35.24 1.58 0.00

GOUDEY___1 345031	31.76 0.38 0.00	29.82 0.35 0.00	28.80 0.29 0.00	29.33 0.35 0.00	29.69 0.38 0.00	31.25 0.43 0.00	33.65 0.50 0.00	34.05 0.17 0.00	35.02 0.07 0.00	34.54 0.07 0.00	34.17 0.07 0.00	33.48 0.07 0.00	30.67 0.09 0.00	29.60 0.06 0.00	29.84 0.03 0.00	31.26 0.03 0.00	34.47 -0.07 0.00	40.47 0.20 0.00	38.79 0.31 0.00	38.01 0.11 0.00	36.87 0.00 0.00	35.01 0.03 0.00	34.19 -0.03 0.00	33.76 0.10 0.00
GOUDEY___7 23579	31.79 0.41 0.00	29.84 0.38 0.00	28.83 0.31 0.00	29.36 0.38 0.00	29.72 0.41 0.00	31.28 0.46 0.00	33.69 0.53 0.00	34.09 0.20 0.00	35.06 0.10 0.00	34.58 0.10 0.00	34.20 0.10 0.00	33.51 0.10 0.00	30.67 0.09 0.00	29.63 0.09 0.00	29.87 0.06 0.00	31.29 0.06 0.00	34.51 -0.03 0.00	40.51 0.24 0.00	38.83 0.35 0.00	38.05 0.15 0.00	36.91 0.04 0.00	35.04 0.07 0.00	34.22 0.00 0.00	33.79 0.13 0.00
GOUDEY___8 23580	31.76 0.38 0.00	29.82 0.35 0.00	28.80 0.29 0.00	29.33 0.35 0.00	29.69 0.38 0.00	31.25 0.43 0.00	33.65 0.50 0.00	34.05 0.17 0.00	35.02 0.07 0.00	34.54 0.07 0.00	34.17 0.07 0.00	33.48 0.07 0.00	30.67 0.09 0.00	29.60 0.06 0.00	29.84 0.03 0.00	31.26 0.03 0.00	34.47 -0.07 0.00	40.47 0.20 0.00	38.79 0.31 0.00	38.01 0.11 0.00	36.87 0.00 0.00	35.01 0.03 0.00	34.19 -0.03 0.00	33.76 0.10 0.00
GOWANUS_GT1_1 24077	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT1_2 24078	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT1_3 24079	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT1_4 24080	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT1_5 24084	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT1_6 24111	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT1_7 24112	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT1_8 24113	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT2_1 24114	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT2_2 24115	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT2_3 24116	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT2_4 24117	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39

GOWANUS_GT2_5 24118	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT2_6 24119	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT2_7 24120	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT2_8 24121	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT3_1 24122	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT3_2 24123	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT3_3 24124	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT3_4 24125	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT3_5 24126	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT3_6 24127	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT3_7 24128	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT3_8 24129	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
GOWANUS_GT4_1 24130	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT4_2 24131	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT4_3 24132	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38

GOWANUS_GT4_4 24133	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT4_5 24134	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT4_6 24135	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT4_7 24136	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GOWANUS_GT4_8 24137	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GREENBSH_115KV_TB3 55895	31.70 0.31 0.00	29.76 0.29 0.00	28.83 0.31 0.00	29.27 0.29 0.00	29.57 0.26 0.00	31.13 0.31 0.00	33.56 0.40 0.00	34.36 0.47 0.00	35.48 0.52 0.00	34.99 0.52 0.00	34.65 0.55 0.00	33.91 0.50 0.00	31.03 0.46 0.00	29.95 0.41 0.00	30.25 0.45 0.00	31.76 0.53 0.00	35.13 0.59 0.00	41.28 1.01 0.00	39.56 1.08 0.00	38.81 0.91 0.00	37.50 0.63 0.00	35.57 0.59 0.00	34.87 0.65 0.00	34.23 0.57 0.00
GREENDGE_115KV_TB5 80291	32.11 0.72 0.00	30.08 0.62 0.00	29.06 0.54 0.00	29.59 0.61 0.00	30.04 0.73 0.00	31.65 0.83 0.00	34.09 0.93 0.00	34.32 0.44 0.00	35.20 0.24 0.00	34.71 0.24 0.00	34.31 0.20 0.00	33.58 0.17 0.00	30.70 0.12 0.00	29.60 0.06 0.00	29.84 0.03 0.00	31.32 0.09 0.00	34.58 0.03 0.00	40.31 0.04 0.00	38.72 0.23 0.00	37.94 0.04 0.00	36.91 0.04 0.00	35.15 0.17 0.00	34.26 0.03 0.00	33.96 0.30 0.00
GREENIDGE___3 23582	32.11 0.72 0.00	30.08 0.62 0.00	29.06 0.54 0.00	29.59 0.61 0.00	30.04 0.73 0.00	31.65 0.83 0.00	34.09 0.93 0.00	34.32 0.44 0.00	35.20 0.24 0.00	34.71 0.24 0.00	34.31 0.20 0.00	33.58 0.17 0.00	30.70 0.12 0.00	29.60 0.06 0.00	29.84 0.03 0.00	31.32 0.09 0.00	34.58 0.03 0.00	40.31 0.04 0.00	38.72 0.23 0.00	37.94 0.04 0.00	36.91 0.04 0.00	35.15 0.17 0.00	34.26 0.03 0.00	33.96 0.30 0.00
GREENIDGE___4 23583	32.11 0.72 0.00	30.08 0.62 0.00	29.05 0.54 0.00	29.59 0.61 0.00	30.04 0.73 0.00	31.65 0.83 0.00	34.08 0.93 0.00	34.36 0.47 0.00	35.23 0.28 0.00	34.75 0.27 0.00	34.34 0.24 0.00	33.45 0.03 0.00	30.67 0.09 0.00	29.63 0.09 0.00	29.87 0.06 0.00	31.35 0.13 0.00	34.65 0.10 0.00	40.43 0.16 0.00	38.87 0.38 0.00	37.98 0.08 0.00	37.02 0.15 0.00	35.29 0.31 0.00	34.36 0.14 0.00	34.00 0.34 0.00
GREENLWN_69_KV_BK 3 55738	34.56 1.73 -1.45	32.62 1.59 -1.56	30.85 1.60 -0.74	32.69 1.57 -2.14	34.11 1.55 -3.25	34.54 1.66 -2.06	35.11 1.96 0.00	40.09 2.27 -3.94	40.12 2.48 -2.68	40.72 2.34 -3.91	40.49 2.25 -4.13	38.77 2.37 -2.99	38.29 2.29 -5.43	38.29 2.22 -6.53	37.93 2.24 -5.89	38.93 2.34 -5.37	42.35 2.28 -5.52	52.15 3.26 -8.61	53.39 3.27 -11.63	52.48 3.03 -11.55	48.33 2.51 -8.95	42.16 2.34 -4.85	40.87 2.40 -4.25	38.87 2.29 -2.92
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38
GRISSOM___SOLAR 323813	34.99 3.61 0.00	32.85 3.39 0.00	31.73 3.22 0.00	32.31 3.33 0.00	32.77 3.46 0.00	34.55 3.73 0.00	37.30 4.14 0.00	38.05 4.17 0.00	39.32 4.37 0.00	38.61 4.13 0.00	37.99 3.89 0.00	36.99 3.58 0.00	33.45 2.87 0.00	32.38 2.84 0.00	32.76 2.95 0.00	34.66 3.43 0.00	38.83 4.28 0.00	45.87 5.60 0.00	44.22 5.74 0.00	43.02 5.11 0.00	41.51 4.65 0.00	39.41 4.44 0.00	38.54 4.31 0.00	37.83 4.17 0.00
GROVEVILLE___HYD 323602	32.77 1.38 0.00	30.70 1.24 0.00	29.77 1.25 0.00	30.20 1.22 0.00	30.45 1.14 0.00	32.08 1.26 0.00	34.65 1.49 0.00	35.44 1.56 0.00	36.74 1.78 0.00	36.13 1.65 0.00	35.74 1.64 0.00	35.05 1.64 0.00	32.07 1.50 0.00	30.96 1.42 0.00	31.27 1.46 0.00	32.82 1.59 0.00	36.31 1.76 0.00	42.89 2.62 0.00	41.10 2.62 0.00	40.36 2.46 0.00	38.82 1.95 0.00	36.86 1.89 0.00	36.11 1.88 0.00	35.38 1.72 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.17 -0.22 0.00	29.20 -0.27 0.00	28.23 -0.29 0.00	28.69 -0.29 0.00	29.05 -0.26 0.00	30.57 -0.25 0.00	32.89 -0.27 0.00	33.38 -0.51 0.00	34.39 -0.56 0.00	33.92 -0.55 0.00	33.56 -0.55 0.00	32.84 -0.57 0.00	30.02 -0.55 0.00	28.98 -0.56 0.00	29.24 -0.57 0.00	30.66 -0.56 0.00	33.92 -0.62 0.00	39.71 -0.56 0.00	38.03 -0.46 0.00	37.33 -0.57 0.00	36.24 -0.63 0.00	34.38 -0.59 0.00	33.61 -0.62 0.00	33.12 -0.54 0.00
HAMLTNNY_34_KV_TB 80303	31.20 -0.19 0.00	29.23 -0.24 0.00	28.26 -0.26 0.00	28.75 -0.23 0.00	29.11 -0.21 0.00	30.63 -0.18 0.00	32.96 -0.20 0.00	33.44 -0.44 0.00	34.43 -0.52 0.00	33.95 -0.52 0.00	33.59 -0.51 0.00	32.91 -0.50 0.00	30.05 -0.52 0.00	29.01 -0.53 0.00	29.27 -0.54 0.00	30.69 -0.53 0.00	33.92 -0.62 0.00	39.71 -0.56 0.00	38.06 -0.42 0.00	37.37 -0.53 0.00	36.24 -0.63 0.00	34.38 -0.59 0.00	33.61 -0.62 0.00	33.16 -0.50 0.00

HAMPSHIRE___PAPER_HYD 323593	30.85 -0.53 0.00	29.11 -0.35 0.00	28.14 -0.37 0.00	28.66 -0.32 0.00	29.05 -0.26 0.00	30.32 -0.49 0.00	32.43 -0.73 0.00	33.24 -0.64 0.00	34.29 -0.67 0.00	33.82 -0.66 0.00	33.32 -0.78 0.00	32.61 -0.80 0.00	29.90 -0.67 0.00	28.89 -0.65 0.00	29.18 -0.63 0.00	30.44 -0.78 0.00	33.99 -0.55 0.00	39.42 -0.85 0.00	37.68 -0.81 0.00	37.10 -0.80 0.00	36.28 -0.59 0.00	34.38 -0.59 0.00	33.54 -0.68 0.00	33.16 -0.50 0.00
HARDSCRABBLE_WT_PWR 323673	31.32 -0.06 0.00	29.40 -0.06 0.00	28.46 -0.06 0.00	28.90 -0.09 0.00	29.25 -0.06 0.00	30.76 -0.06 0.00	33.12 -0.03 0.00	33.88 0.00 0.00	34.99 0.03 0.00	34.54 0.07 0.00	34.17 0.07 0.00	33.48 0.07 0.00	30.57 0.00 0.00	29.54 0.00 0.00	29.78 -0.03 0.00	31.19 -0.03 0.00	34.54 0.00 0.00	40.35 0.08 0.00	38.60 0.12 0.00	37.98 0.08 0.00	36.87 0.00 0.00	35.01 0.04 0.00	34.29 0.07 0.00	33.69 0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.48 1.10 0.00	30.43 0.97 0.00	29.51 1.00 0.00	29.94 0.96 0.00	30.22 0.91 0.00	31.83 1.02 0.00	34.42 1.26 0.00	35.27 1.39 0.00	36.49 1.54 0.00	35.92 1.45 0.00	35.57 1.47 0.00	34.85 1.44 0.00	31.95 1.38 0.00	30.84 1.30 0.00	31.15 1.34 0.00	32.66 1.44 0.00	36.10 1.55 0.00	42.65 2.38 0.00	40.91 2.42 0.00	40.14 2.24 0.00	38.64 1.77 0.00	36.65 1.68 0.00	35.90 1.68 0.00	35.14 1.48 0.00
HARSNRAD_115KV_TB1 81005	29.94 -1.44 0.00	28.20 -1.27 0.00	27.09 -1.43 0.00	27.71 -1.28 0.00	28.17 -1.14 0.00	29.59 -1.23 0.00	31.57 -1.59 0.00	31.04 -2.85 0.00	31.49 -3.46 0.00	31.33 -3.14 0.00	31.00 -3.10 0.00	30.77 -2.64 0.00	28.28 -2.29 0.00	27.24 -2.30 0.00	27.36 -2.44 0.00	28.48 -2.75 0.00	30.74 -3.80 0.00	35.84 -4.43 0.00	34.52 -3.96 0.00	33.54 -4.36 0.00	32.56 -4.31 0.00	30.88 -4.09 0.00	30.19 -4.04 0.00	30.77 -2.89 0.00
HARZA MOOSE___RIVER 24016	31.64 0.25 0.00	29.70 0.24 0.00	28.74 0.23 0.00	29.24 0.26 0.00	29.66 0.35 0.00	31.16 0.34 0.00	33.49 0.33 0.00	34.26 0.37 0.00	35.27 0.31 0.00	34.78 0.31 0.00	34.31 0.20 0.00	33.55 0.13 0.00	30.60 0.03 0.00	29.66 0.12 0.00	29.93 0.12 0.00	31.35 0.12 0.00	34.92 0.38 0.00	40.83 0.56 0.00	39.14 0.65 0.00	38.39 0.49 0.00	37.35 0.48 0.00	35.39 0.42 0.00	34.57 0.34 0.00	34.00 0.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.95 -0.44 0.00	28.99 -0.47 0.00	28.03 -0.48 0.00	28.52 -0.46 0.00	28.87 -0.44 0.00	30.39 -0.43 0.00	32.63 -0.53 0.00	33.10 -0.78 0.00	34.08 -0.87 0.00	33.64 -0.83 0.00	33.25 -0.85 0.00	32.58 -0.84 0.00	29.78 -0.79 0.00	28.77 -0.77 0.00	29.00 -0.80 0.00	30.41 -0.81 0.00	33.61 -0.93 0.00	39.34 -0.93 0.00	37.72 -0.77 0.00	37.03 -0.87 0.00	35.91 -0.96 0.00	34.06 -0.91 0.00	33.30 -0.92 0.00	32.85 -0.81 0.00
HELLGATE_13_KV_LD 55870	32.74 1.35 0.00	30.61 1.15 0.00	29.74 1.23 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.91 1.96 0.00	36.40 1.93 0.00	36.08 1.98 0.00	35.38 1.97 0.00	32.59 2.02 0.00	31.49 1.95 0.00	31.77 1.97 0.00	33.35 2.12 0.00	36.72 2.18 0.00	43.41 3.14 0.00	41.70 3.19 -0.02	40.87 2.96 -0.02	39.19 2.32 0.00	37.35 2.38 0.00	36.59 2.36 0.00	35.81 2.15 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.74 1.35 0.00	30.61 1.15 0.00	29.74 1.23 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.91 1.96 0.00	36.40 1.93 0.00	36.08 1.98 0.00	35.38 1.97 0.00	32.59 2.02 0.00	31.49 1.95 0.00	31.77 1.97 0.00	33.35 2.12 0.00	36.72 2.18 0.00	43.41 3.14 0.00	41.70 3.19 -0.02	40.87 2.96 -0.02	39.19 2.32 0.00	37.35 2.38 0.00	36.59 2.36 0.00	35.81 2.15 0.00
HEMPSTEAD____ 23647	34.62 1.79 -1.45	32.62 1.59 -1.56	30.88 1.62 -0.74	32.72 1.59 -2.14	34.14 1.58 -3.25	34.57 1.69 -2.06	35.15 1.99 0.00	40.13 2.31 -3.94	40.16 2.52 -2.68	40.86 2.48 -3.91	40.72 2.49 -4.13	39.01 2.61 -2.99	38.32 2.32 -5.43	38.35 2.27 -6.53	37.99 2.30 -5.89	38.99 2.40 -5.37	42.66 2.59 -5.52	52.43 3.54 -8.61	53.62 3.50 -11.63	52.71 3.26 -11.55	48.59 2.77 -8.95	42.37 2.55 -4.85	41.07 2.60 -4.25	39.01 2.42 -2.92
HEWLETT__69_KV_BK3 55828	34.78 1.95 -1.45	32.79 1.77 -1.56	31.02 1.77 -0.74	32.87 1.74 -2.14	34.29 1.73 -3.25	34.72 1.85 -2.06	35.31 2.16 0.00	40.23 2.41 -3.94	40.26 2.62 -2.68	40.97 2.59 -3.91	40.83 2.59 -4.13	38.97 2.57 -2.99	38.45 2.45 -5.43	38.41 2.33 -6.53	38.05 2.35 -5.89	39.09 2.50 -5.37	42.76 2.69 -5.52	52.63 3.75 -8.61	53.89 3.77 -11.63	52.98 3.52 -11.55	48.77 2.95 -8.95	42.62 2.80 -4.85	41.21 2.74 -4.25	39.11 2.52 -2.92
HICKLING___1 23621	32.30 0.91 0.00	30.29 0.82 0.00	29.25 0.74 0.00	29.79 0.81 0.00	30.22 0.91 0.00	31.83 1.02 0.00	34.28 1.13 0.00	34.46 0.58 0.00	35.34 0.38 0.00	34.85 0.38 0.00	34.48 0.38 0.00	33.75 0.33 0.00	30.91 0.34 0.00	29.84 0.30 0.00	30.05 0.24 0.00	31.51 0.28 0.00	34.68 0.14 0.00	40.71 0.44 0.00	39.06 0.58 0.00	38.24 0.34 0.00	37.09 0.22 0.00	35.29 0.31 0.00	34.40 0.17 0.00	34.10 0.44 0.00
HICKLING___2 23622	32.30 0.91 0.00	30.29 0.82 0.00	29.25 0.74 0.00	29.79 0.81 0.00	30.22 0.91 0.00	31.83 1.02 0.00	34.28 1.13 0.00	34.46 0.58 0.00	35.34 0.38 0.00	34.85 0.38 0.00	34.48 0.38 0.00	33.75 0.33 0.00	30.91 0.34 0.00	29.84 0.30 0.00	30.05 0.24 0.00	31.51 0.28 0.00	34.68 0.14 0.00	40.71 0.44 0.00	39.06 0.58 0.00	38.24 0.34 0.00	37.09 0.22 0.00	35.29 0.31 0.00	34.40 0.17 0.00	34.10 0.44 0.00
HIGH FALLS___HY 23754	32.67 1.29 0.00	30.58 1.12 0.00	29.65 1.14 0.00	30.08 1.10 0.00	30.34 1.03 0.00	31.96 1.14 0.00	34.55 1.39 0.00	35.27 1.39 0.00	36.53 1.57 0.00	35.89 1.41 0.00	35.50 1.40 0.00	34.82 1.40 0.00	31.89 1.31 0.00	30.78 1.24 0.00	31.09 1.28 0.00	32.63 1.41 0.00	36.13 1.59 0.00	42.69 2.42 0.00	40.95 2.46 0.00	40.21 2.31 0.00	38.68 1.81 0.00	36.72 1.75 0.00	35.97 1.75 0.00	35.24 1.58 0.00
HILLBURN___GT 23639	32.42 1.03 0.00	30.40 0.94 0.00	29.48 0.97 0.00	29.91 0.93 0.00	30.19 0.88 0.00	31.77 0.96 0.00	34.39 1.23 0.00	35.34 1.46 0.00	36.60 1.64 0.00	36.06 1.59 0.00	35.70 1.60 0.00	35.12 1.70 0.00	32.07 1.50 0.00	31.02 1.48 0.00	31.30 1.49 0.00	32.78 1.56 0.00	36.24 1.69 0.00	42.77 2.50 0.00	40.99 2.50 0.00	40.21 2.31 0.00	38.75 1.88 0.00	36.68 1.71 0.00	35.97 1.74 0.00	35.21 1.55 0.00
HILLSIDE_115KV_TB1 80332	31.73 0.35 0.00	29.79 0.32 0.00	28.74 0.23 0.00	29.30 0.32 0.00	29.72 0.41 0.00	31.28 0.46 0.00	33.65 0.50 0.00	33.88 0.00 0.00	34.74 -0.21 0.00	34.30 -0.17 0.00	33.93 -0.17 0.00	33.25 -0.17 0.00	30.48 -0.09 0.00	29.42 -0.12 0.00	29.66 -0.15 0.00	31.04 -0.19 0.00	34.13 -0.41 0.00	40.07 -0.20 0.00	38.45 -0.04 0.00	37.60 -0.30 0.00	36.46 -0.41 0.00	34.69 -0.28 0.00	33.85 -0.38 0.00	33.53 -0.13 0.00

HISHELDN_WT_PWR 323625	30.38 -1.01 0.00	28.61 -0.86 0.00	27.49 -1.03 0.00	28.11 -0.87 0.00	28.55 -0.76 0.00	30.05 -0.77 0.00	32.10 -1.06 0.00	31.78 -2.10 0.00	32.26 -2.69 0.00	31.96 -2.51 0.00	31.75 -2.35 0.00	30.84 -2.57 0.00	28.71 -1.87 0.00	27.74 -1.80 0.00	27.87 -1.94 0.00	29.10 -2.12 0.00	31.43 -3.11 0.00	36.89 -3.38 0.00	35.68 -2.81 0.00	34.34 -3.56 0.00	33.33 -3.54 0.00	32.00 -2.97 0.00	31.11 -3.11 0.00	31.37 -2.29 0.00
HOLTSVILLE_IC_1 23690	35.06 2.23 -1.45	33.12 2.09 -1.56	31.36 2.11 -0.74	33.19 2.06 -2.14	34.64 2.08 -3.25	35.10 2.22 -2.06	35.65 2.49 0.00	40.70 2.88 -3.94	40.71 3.08 -2.68	41.38 3.00 -3.91	41.34 3.10 -4.13	39.51 3.11 -2.99	38.78 2.78 -5.43	38.79 2.72 -6.53	38.47 2.77 -5.89	39.49 2.90 -5.37	43.28 3.21 -5.52	53.19 4.31 -8.61	54.31 4.20 -11.63	53.55 4.09 -11.55	49.40 3.58 -8.95	43.11 3.29 -4.85	41.72 3.25 -4.25	39.62 3.03 -2.92
HOLTSVILLE_IC_10 23699	35.22 2.38 -1.45	33.26 2.24 -1.56	31.51 2.25 -0.74	33.33 2.20 -2.14	34.78 2.23 -3.25	35.25 2.37 -2.06	35.84 2.68 0.00	40.88 3.05 -3.94	40.89 3.25 -2.68	41.59 3.21 -3.91	41.54 3.31 -4.13	39.68 3.28 -2.99	38.93 2.94 -5.43	38.94 2.86 -6.53	38.62 2.92 -5.89	39.65 3.06 -5.37	43.49 3.42 -5.52	53.43 4.55 -8.61	54.54 4.42 -11.63	53.77 4.32 -11.55	49.62 3.80 -8.95	43.32 3.50 -4.85	41.89 3.42 -4.25	39.78 3.20 -2.92
HOLTSVILLE_IC_2 23691	35.06 2.23 -1.45	33.12 2.09 -1.56	31.36 2.11 -0.74	33.19 2.06 -2.14	34.64 2.08 -3.25	35.10 2.22 -2.06	35.65 2.49 0.00	40.70 2.88 -3.94	40.71 3.08 -2.68	41.38 3.00 -3.91	41.34 3.10 -4.13	39.51 3.11 -2.99	38.78 2.78 -5.43	38.79 2.72 -6.53	38.47 2.77 -5.89	39.49 2.90 -5.37	43.28 3.21 -5.52	53.19 4.31 -8.61	54.31 4.20 -11.63	53.55 4.09 -11.55	49.40 3.58 -8.95	43.11 3.29 -4.85	41.72 3.25 -4.25	39.62 3.03 -2.92
HOLTSVILLE_IC_3 23692	35.06 2.23 -1.45	33.12 2.09 -1.56	31.36 2.11 -0.74	33.19 2.06 -2.14	34.64 2.08 -3.25	35.10 2.22 -2.06	35.65 2.49 0.00	40.70 2.88 -3.94	40.71 3.08 -2.68	41.38 3.00 -3.91	41.34 3.10 -4.13	39.51 3.11 -2.99	38.78 2.78 -5.43	38.79 2.72 -6.53	38.47 2.77 -5.89	39.49 2.90 -5.37	43.28 3.21 -5.52	53.19 4.31 -8.61	54.31 4.20 -11.63	53.55 4.09 -11.55	49.40 3.58 -8.95	43.11 3.29 -4.85	41.72 3.25 -4.25	39.62 3.03 -2.92
HOLTSVILLE_IC_4 23693	35.06 2.23 -1.45	33.12 2.09 -1.56	31.36 2.11 -0.74	33.19 2.06 -2.14	34.64 2.08 -3.25	35.10 2.22 -2.06	35.65 2.49 0.00	40.70 2.88 -3.94	40.71 3.08 -2.68	41.38 3.00 -3.91	41.34 3.10 -4.13	39.51 3.11 -2.99	38.78 2.78 -5.43	38.79 2.72 -6.53	38.47 2.77 -5.89	39.49 2.90 -5.37	43.28 3.21 -5.52	53.19 4.31 -8.61	54.31 4.20 -11.63	53.55 4.09 -11.55	49.40 3.58 -8.95	43.11 3.29 -4.85	41.72 3.25 -4.25	39.62 3.03 -2.92
HOLTSVILLE_IC_5 23694	35.06 2.23 -1.45	33.12 2.09 -1.56	31.36 2.11 -0.74	33.19 2.06 -2.14	34.64 2.08 -3.25	35.10 2.22 -2.06	35.65 2.49 0.00	40.70 2.88 -3.94	40.71 3.08 -2.68	41.38 3.00 -3.91	41.34 3.10 -4.13	39.51 3.11 -2.99	38.78 2.78 -5.43	38.79 2.72 -6.53	38.47 2.77 -5.89	39.49 2.90 -5.37	43.28 3.21 -5.52	53.19 4.31 -8.61	54.31 4.20 -11.63	53.55 4.09 -11.55	49.40 3.58 -8.95	43.11 3.29 -4.85	41.72 3.25 -4.25	39.62 3.03 -2.92
HOLTSVILLE_IC_6 23695	35.22 2.38 -1.45	33.26 2.24 -1.56	31.51 2.25 -0.74	33.33 2.20 -2.14	34.78 2.23 -3.25	35.25 2.37 -2.06	35.84 2.68 0.00	40.88 3.05 -3.94	40.89 3.25 -2.68	41.59 3.21 -3.91	41.54 3.31 -4.13	39.68 3.28 -2.99	38.93 2.94 -5.43	38.94 2.86 -6.53	38.62 2.92 -5.89	39.65 3.06 -5.37	43.49 3.42 -5.52	53.43 4.55 -8.61	54.54 4.42 -11.63	53.77 4.32 -11.55	49.62 3.80 -8.95	43.32 3.50 -4.85	41.89 3.42 -4.25	39.78 3.20 -2.92
HOLTSVILLE_IC_7 23696	35.22 2.38 -1.45	33.26 2.24 -1.56	31.51 2.25 -0.74	33.33 2.20 -2.14	34.78 2.23 -3.25	35.25 2.37 -2.06	35.84 2.68 0.00	40.88 3.05 -3.94	40.89 3.25 -2.68	41.59 3.21 -3.91	41.54 3.31 -4.13	39.68 3.28 -2.99	38.93 2.94 -5.43	38.94 2.86 -6.53	38.62 2.92 -5.89	39.65 3.06 -5.37	43.49 3.42 -5.52	53.43 4.55 -8.61	54.54 4.42 -11.63	53.77 4.32 -11.55	49.62 3.80 -8.95	43.32 3.50 -4.85	41.89 3.42 -4.25	39.78 3.20 -2.92
HOLTSVILLE_IC_8 23697	35.22 2.38 -1.45	33.26 2.24 -1.56	31.51 2.25 -0.74	33.33 2.20 -2.14	34.78 2.23 -3.25	35.25 2.37 -2.06	35.84 2.68 0.00	40.88 3.05 -3.94	40.89 3.25 -2.68	41.59 3.21 -3.91	41.54 3.31 -4.13	39.68 3.28 -2.99	38.93 2.94 -5.43	38.94 2.86 -6.53	38.62 2.92 -5.89	39.65 3.06 -5.37	43.49 3.42 -5.52	53.43 4.55 -8.61	54.54 4.42 -11.63	53.77 4.32 -11.55	49.62 3.80 -8.95	43.32 3.50 -4.85	41.89 3.42 -4.25	39.78 3.20 -2.92
HOLTSVILLE_IC_9 23698	35.22 2.38 -1.45	33.26 2.24 -1.56	31.51 2.25 -0.74	33.33 2.20 -2.14	34.78 2.23 -3.25	35.25 2.37 -2.06	35.84 2.68 0.00	40.88 3.05 -3.94	40.89 3.25 -2.68	41.59 3.21 -3.91	41.54 3.31 -4.13	39.68 3.28 -2.99	38.93 2.94 -5.43	38.94 2.86 -6.53	38.62 2.92 -5.89	39.65 3.06 -5.37	43.49 3.42 -5.52	53.43 4.55 -8.61	54.54 4.42 -11.63	53.77 4.32 -11.55	49.62 3.80 -8.95	43.32 3.50 -4.85	41.89 3.42 -4.25	39.78 3.20 -2.92
HOMER_HL_115KV_TB2 355744	31.73 0.35 0.00	29.90 0.44 0.00	28.74 0.23 0.00	29.39 0.41 0.00	29.87 0.56 0.00	31.37 0.55 0.00	33.75 0.60 0.00	33.34 -0.54 0.00	33.87 -1.08 0.00	33.58 -0.90 0.00	33.28 -0.82 0.00	32.78 -0.63 0.00	30.18 -0.40 0.00	29.13 -0.41 0.00	29.27 -0.54 0.00	30.44 -0.78 0.00	32.95 -1.59 0.00	38.78 -1.49 0.00	37.29 -1.19 0.00	36.20 -1.71 0.00	35.10 -1.77 0.00	33.47 -1.50 0.00	32.62 -1.61 0.00	32.85 -0.81 0.00
HOWARD_WT_PWR 323690	33.05 1.66 0.00	30.96 1.50 0.00	29.88 1.37 0.00	30.46 1.48 0.00	30.92 1.61 0.00	32.60 1.79 0.00	35.11 1.96 0.00	35.34 1.46 0.00	36.21 1.26 0.00	35.68 1.21 0.00	35.29 1.19 0.00	34.35 0.93 0.00	31.46 0.89 0.00	30.40 0.86 0.00	30.64 0.83 0.00	32.19 0.97 0.00	35.55 1.00 0.00	41.76 1.49 0.00	40.22 1.73 0.00	39.23 1.33 0.00	38.08 1.21 0.00	36.30 1.33 0.00	35.32 1.09 0.00	34.97 1.31 0.00
HQ_GEN_CEDARS 23644	31.57 0.19 0.00	29.93 0.47 0.00	28.94 0.43 0.00	29.45 0.46 0.00	29.81 0.50 0.00	31.03 0.22 0.00	33.22 0.07 0.00	34.05 0.17 0.00	35.16 0.21 0.00	34.68 0.21 0.00	34.24 0.14 0.00	33.55 0.13 0.00	30.67 0.09 0.00	29.84 0.30 0.00	30.11 0.30 0.00	31.32 0.09 0.00	34.75 0.21 0.00	40.07 -0.20 0.00	38.10 -0.38 0.00	37.71 -0.19 0.00	37.05 0.18 0.00	35.11 0.14 0.00	34.33 0.10 0.00	33.90 0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	31.58 0.19 0.00	29.93 0.47 0.00	28.94 0.43 0.00	29.45 0.46 0.00	29.81 0.50 0.00	31.04 0.22 0.00	33.22 0.07 0.00	34.05 0.17 0.00	35.17 0.21 0.00	34.68 0.21 0.00	34.24 0.14 0.00	33.55 0.13 0.00	30.94 0.37 0.00	29.84 0.30 0.00	30.11 0.30 0.00	31.78 0.09 -0.46	35.12 0.21 -0.37	39.24 -0.20 0.83	38.10 -0.38 0.00	37.75 -0.15 0.00	37.05 0.19 0.00	35.11 0.14 0.00	34.33 0.10 0.00	33.90 0.24 0.00

HQ_GEN_IMPORT 323601	31.48 0.09 0.00	29.61 0.15 0.00	28.63 0.11 0.00	29.13 0.15 0.00	29.46 0.15 0.00	30.91 0.09 0.00	33.19 0.03 0.00	33.99 0.10 0.00	35.09 0.14 0.00	34.61 0.14 0.00	34.20 0.10 0.00	33.51 0.10 0.00	30.73 0.15 0.00	29.66 0.12 0.00	29.93 0.12 0.00	31.78 0.09 -0.46	36.50 0.14 -1.82	37.75 -0.24 2.28	38.14 -0.35 0.00	37.75 -0.15 0.00	36.98 0.11 0.00	35.08 0.11 0.00	34.29 0.07 0.00	33.76 0.10 0.00
HQ_GEN_WHEEL 23651	31.48 0.09 0.00	29.61 0.15 0.00	28.63 0.11 0.00	29.13 0.15 0.00	29.46 0.15 0.00	30.91 0.09 0.00	33.19 0.03 0.00	33.99 0.10 0.00	35.09 0.14 0.00	34.61 0.14 0.00	34.20 0.10 0.00	33.51 0.10 0.00	30.73 0.15 0.00	29.66 0.12 0.00	29.93 0.12 0.00	31.78 0.09 -0.46	36.50 0.14 -1.82	37.75 -0.24 2.28	38.14 -0.35 0.00	37.75 -0.15 0.00	36.98 0.11 0.00	35.08 0.11 0.00	34.29 0.07 0.00	33.76 0.10 0.00
HUDSON AVE_GT_3 23810	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	37.02 2.06 0.00	36.47 2.00 0.00	36.15 2.05 0.00	35.45 2.04 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.74 1.94 0.00	33.28 2.06 0.00	36.72 2.18 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.27 2.40 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.71 2.05 0.00
HUDSON AVE_GT_4 23540	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	37.02 2.06 0.00	36.47 2.00 0.00	36.15 2.05 0.00	35.45 2.04 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.74 1.94 0.00	33.28 2.06 0.00	36.72 2.18 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.27 2.40 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.71 2.05 0.00
HUDSON AVE_GT_5 23657	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	37.02 2.06 0.00	36.47 2.00 0.00	36.15 2.05 0.00	35.45 2.04 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.74 1.94 0.00	33.28 2.06 0.00	36.72 2.18 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.27 2.40 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.71 2.05 0.00
HUDSON_AVE_10 24168	32.61 1.22 0.00	30.52 1.06 0.00	29.63 1.11 0.00	30.03 1.04 0.00	30.37 1.06 0.00	31.96 1.14 0.00	34.58 1.43 0.00	35.68 1.80 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.84 2.92 -0.02	39.23 2.36 0.00	37.21 2.24 0.00	36.41 2.19 0.00	35.65 1.99 0.00
HUDSON___115KV_TB 4 355613	32.42 1.04 0.00	30.40 0.94 0.00	29.43 0.91 0.00	29.91 0.93 0.00	30.19 0.88 0.00	31.80 0.99 0.00	34.28 1.13 0.00	34.93 1.05 0.00	36.11 1.15 0.00	35.51 1.03 0.00	35.09 0.99 0.00	34.31 0.90 0.00	31.28 0.70 0.00	30.19 0.65 0.00	30.49 0.69 0.00	32.13 0.91 0.00	35.68 1.14 0.00	41.96 1.69 0.00	40.26 1.77 0.00	39.45 1.55 0.00	38.12 1.25 0.00	36.16 1.19 0.00	35.46 1.23 0.00	34.84 1.18 0.00
HUNTER MOUNT___DRP 323613	32.61 1.22 0.00	30.58 1.12 0.00	29.54 1.03 0.00	30.06 1.07 0.00	30.31 1.00 0.00	31.93 1.11 0.00	34.42 1.26 0.00	34.93 1.05 0.00	36.11 1.15 0.00	35.47 1.00 0.00	34.99 0.89 0.00	34.25 0.84 0.00	31.15 0.58 0.00	30.04 0.50 0.00	30.37 0.57 0.00	32.04 0.81 0.00	35.65 1.11 0.00	41.92 1.65 0.00	40.26 1.77 0.00	39.45 1.55 0.00	38.09 1.22 0.00	36.13 1.15 0.00	35.49 1.27 0.00	34.91 1.25 0.00
HUNTINGTON_RES_REC 323705	34.81 1.98 -1.45	32.85 1.83 -1.56	31.11 1.85 -0.74	32.93 1.80 -2.14	34.34 1.79 -3.25	34.82 1.94 -2.06	35.38 2.22 0.00	40.43 2.61 -3.94	40.44 2.80 -2.68	41.10 2.72 -3.91	40.90 2.66 -4.13	39.21 2.81 -2.99	38.54 2.54 -5.43	38.56 2.48 -6.53	38.23 2.53 -5.89	39.21 2.62 -5.37	42.83 2.76 -5.52	52.71 3.83 -8.61	53.85 3.73 -11.63	53.01 3.56 -11.55	48.88 3.06 -8.95	42.62 2.80 -4.85	41.28 2.81 -4.25	39.28 2.69 -2.92
HUNTLEY___63 23557	30.13 -1.26 0.00	28.37 -1.09 0.00	27.23 -1.28 0.00	27.88 -1.10 0.00	28.31 -1.00 0.00	29.74 -1.08 0.00	31.80 -1.36 0.00	31.27 -2.61 0.00	31.74 -3.22 0.00	31.58 -2.90 0.00	31.24 -2.86 0.00	30.97 -2.44 0.00	28.49 -2.08 0.00	27.44 -2.10 0.00	27.57 -2.24 0.00	28.66 -2.56 0.00	30.95 -3.59 0.00	36.12 -4.15 0.00	34.79 -3.69 0.00	33.81 -4.09 0.00	32.81 -4.06 0.00	31.16 -3.81 0.00	30.43 -3.80 0.00	31.00 -2.66 0.00
HUNTLEY___64 23558	30.13 -1.26 0.00	28.37 -1.09 0.00	27.23 -1.28 0.00	27.88 -1.10 0.00	28.31 -1.00 0.00	29.74 -1.08 0.00	31.80 -1.36 0.00	31.27 -2.61 0.00	31.74 -3.22 0.00	31.58 -2.90 0.00	31.24 -2.86 0.00	30.97 -2.44 0.00	28.49 -2.08 0.00	27.44 -2.10 0.00	27.57 -2.24 0.00	28.66 -2.56 0.00	30.95 -3.59 0.00	36.12 -4.15 0.00	34.79 -3.69 0.00	33.81 -4.09 0.00	32.81 -4.06 0.00	31.16 -3.81 0.00	30.43 -3.80 0.00	31.00 -2.66 0.00
HUNTLEY___65 23559	30.13 -1.26 0.00	28.37 -1.09 0.00	27.23 -1.28 0.00	27.88 -1.10 0.00	28.31 -1.00 0.00	29.74 -1.08 0.00	31.80 -1.36 0.00	31.27 -2.61 0.00	31.74 -3.22 0.00	31.58 -2.90 0.00	31.24 -2.86 0.00	30.97 -2.44 0.00	28.49 -2.08 0.00	27.44 -2.10 0.00	27.57 -2.24 0.00	28.66 -2.56 0.00	30.95 -3.59 0.00	36.12 -4.15 0.00	34.79 -3.69 0.00	33.81 -4.09 0.00	32.81 -4.06 0.00	31.16 -3.81 0.00	30.43 -3.80 0.00	31.00 -2.66 0.00
HUNTLEY___66 23560	30.13 -1.26 0.00	28.37 -1.09 0.00	27.23 -1.28 0.00	27.88 -1.10 0.00	28.31 -1.00 0.00	29.74 -1.08 0.00	31.80 -1.36 0.00	31.27 -2.61 0.00	31.74 -3.22 0.00	31.58 -2.90 0.00	31.24 -2.86 0.00	30.97 -2.44 0.00	28.49 -2.08 0.00	27.44 -2.10 0.00	27.57 -2.24 0.00	28.66 -2.56 0.00	30.95 -3.59 0.00	36.12 -4.15 0.00	34.79 -3.69 0.00	33.81 -4.09 0.00	32.81 -4.06 0.00	31.16 -3.81 0.00	30.43 -3.80 0.00	31.00 -2.66 0.00
HUNTLEY___67 23561	30.13 -1.26 0.00	28.37 -1.09 0.00	27.23 -1.28 0.00	27.88 -1.10 0.00	28.31 -1.00 0.00	29.74 -1.08 0.00	31.80 -1.36 0.00	31.31 -2.58 0.00	31.77 -3.18 0.00	31.61 -2.86 0.00	31.27 -2.83 0.00	31.01 -2.41 0.00	28.53 -2.05 0.00	27.50 -2.04 0.00	27.63 -2.18 0.00	28.73 -2.50 0.00	31.02 -3.52 0.00	36.16 -4.11 0.00	34.83 -3.66 0.00	33.88 -4.02 0.00	32.89 -3.98 0.00	31.19 -3.78 0.00	30.49 -3.73 0.00	31.03 -2.63 0.00
HUNTLEY___68 23562	30.13 -1.26 0.00	28.37 -1.09 0.00	27.23 -1.28 0.00	27.88 -1.10 0.00	28.31 -1.00 0.00	29.74 -1.08 0.00	31.80 -1.36 0.00	31.31 -2.58 0.00	31.77 -3.18 0.00	31.61 -2.86 0.00	31.27 -2.83 0.00	31.01 -2.41 0.00	28.53 -2.05 0.00	27.50 -2.04 0.00	27.63 -2.18 0.00	28.73 -2.50 0.00	31.02 -3.52 0.00	36.16 -4.11 0.00	34.83 -3.66 0.00	33.88 -4.02 0.00	32.89 -3.98 0.00	31.19 -3.78 0.00	30.49 -3.73 0.00	31.03 -2.63 0.00



HYLAND___LFGE 323620	33.05 1.66 0.00	30.91 1.44 0.00	29.77 1.25 0.00	30.40 1.42 0.00	30.95 1.64 0.00	32.64 1.82 0.00	35.08 1.92 0.00	35.37 1.49 0.00	36.04 1.08 0.00	35.40 0.93 0.00	34.89 0.78 0.00	33.88 0.47 0.00	30.94 0.37 0.00	29.90 0.36 0.00	30.22 0.42 0.00	31.85 0.62 0.00	35.34 0.80 0.00	41.72 1.45 0.00	40.18 1.69 0.00	39.04 1.14 0.00	37.94 1.07 0.00	36.16 1.19 0.00	35.11 0.89 0.00	34.81 1.15 0.00
INDECK___CORINTH 23802	32.64 1.26 0.00	30.61 1.15 0.00	29.62 1.11 0.00	30.14 1.16 0.00	30.51 1.20 0.00	32.14 1.32 0.00	34.68 1.53 0.00	34.46 0.58 0.00	35.62 0.66 0.00	35.06 0.59 0.00	34.61 0.51 0.00	33.85 0.43 0.00	30.79 0.22 0.00	29.72 0.18 0.00	30.04 0.24 0.00	31.60 0.38 0.00	35.13 0.59 0.00	41.40 1.13 0.00	39.72 1.23 0.00	38.85 0.95 0.00	37.49 0.63 0.00	35.53 0.56 0.00	34.81 0.58 0.00	34.13 0.47 0.00
INDECK___ILION 23567	31.45 0.06 0.00	29.52 0.06 0.00	28.57 0.06 0.00	29.04 0.06 0.00	29.37 0.06 0.00	30.88 0.06 0.00	33.26 0.10 0.00	34.02 0.14 0.00	35.09 0.14 0.00	34.64 0.17 0.00	34.24 0.14 0.00	33.55 0.13 0.00	30.67 0.09 0.00	29.63 0.09 0.00	29.90 0.09 0.00	31.32 0.09 0.00	34.68 0.14 0.00	40.55 0.28 0.00	38.83 0.35 0.00	38.17 0.27 0.00	37.05 0.18 0.00	35.15 0.17 0.00	34.40 0.17 0.00	33.79 0.13 0.00
INDECK___OLEAN 23982	31.73 0.35 0.00	29.90 0.44 0.00	28.77 0.26 0.00	29.39 0.41 0.00	29.87 0.56 0.00	31.40 0.58 0.00	33.76 0.60 0.00	33.48 -0.41 0.00	34.01 -0.94 0.00	33.64 -0.83 0.00	33.42 -0.68 0.00	32.51 -0.90 0.00	30.12 -0.46 0.00	29.13 -0.41 0.00	29.27 -0.54 0.00	30.57 -0.66 0.00	33.09 -1.45 0.00	38.98 -1.29 0.00	37.68 -0.81 0.00	36.35 -1.56 0.00	35.25 -1.62 0.00	33.82 -1.15 0.00	32.82 -1.40 0.00	32.95 -0.71 0.00
INDECK___OSWEGO 23783	30.51 -0.88 0.00	28.58 -0.88 0.00	27.63 -0.88 0.00	28.08 -0.90 0.00	28.43 -0.88 0.00	29.92 -0.89 0.00	32.16 -0.99 0.00	32.73 -1.15 0.00	33.73 -1.22 0.00	33.26 -1.21 0.00	32.91 -1.19 0.00	32.21 -1.20 0.00	29.47 -1.10 0.00	28.48 -1.06 0.00	28.71 -1.10 0.00	30.10 -1.12 0.00	33.30 -1.24 0.00	38.98 -1.29 0.00	37.37 -1.12 0.00	36.65 -1.25 0.00	35.58 -1.29 0.00	33.78 -1.19 0.00	33.03 -1.20 0.00	32.52 -1.14 0.00
INDECK___YERKES 23781	30.16 -1.22 0.00	28.40 -1.06 0.00	27.26 -1.25 0.00	27.91 -1.07 0.00	28.34 -0.97 0.00	29.83 -0.99 0.00	31.83 -1.33 0.00	31.51 -2.37 0.00	31.95 -3.01 0.00	31.65 -2.83 0.00	31.44 -2.66 0.00	30.51 -2.91 0.00	28.46 -2.11 0.00	27.47 -2.07 0.00	27.60 -2.21 0.00	28.82 -2.40 0.00	31.09 -3.45 0.00	36.48 -3.79 0.00	35.33 -3.16 0.00	34.00 -3.90 0.00	33.00 -3.87 0.00	31.68 -3.29 0.00	30.77 -3.46 0.00	31.07 -2.59 0.00
INDIAN POINT_GT_1 24139	32.52 1.13 0.00	30.49 1.03 0.00	29.57 1.05 0.00	30.00 1.01 0.00	30.28 0.97 0.00	31.87 1.05 0.00	34.45 1.29 0.00	35.48 1.59 0.00	36.77 1.82 0.00	36.20 1.72 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.22 1.65 0.00	31.11 1.57 0.00	31.42 1.61 0.00	32.94 1.72 0.00	36.37 1.83 0.00	43.01 2.74 0.00	41.22 2.73 0.00	40.44 2.54 0.00	38.90 2.03 0.00	36.89 1.92 0.00	36.11 1.88 0.00	35.34 1.68 0.00
INDIAN POINT_GT_2 23659	32.52 1.13 0.00	30.49 1.03 0.00	29.57 1.05 0.00	30.00 1.01 0.00	30.28 0.97 0.00	31.87 1.05 0.00	34.45 1.29 0.00	35.48 1.59 0.00	36.77 1.82 0.00	36.20 1.72 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.22 1.65 0.00	31.11 1.57 0.00	31.42 1.61 0.00	32.94 1.72 0.00	36.37 1.83 0.00	43.01 2.74 0.00	41.22 2.73 0.00	40.44 2.54 0.00	38.90 2.03 0.00	36.89 1.92 0.00	36.11 1.88 0.00	35.34 1.68 0.00
INDIAN POINT_GT_3 24019	32.52 1.13 0.00	30.49 1.03 0.00	29.57 1.05 0.00	30.00 1.01 0.00	30.28 0.97 0.00	31.87 1.05 0.00	34.45 1.29 0.00	35.48 1.59 0.00	36.77 1.82 0.00	36.20 1.72 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.22 1.65 0.00	31.11 1.57 0.00	31.42 1.61 0.00	32.94 1.72 0.00	36.37 1.83 0.00	43.01 2.74 0.00	41.22 2.73 0.00	40.44 2.54 0.00	38.90 2.03 0.00	36.89 1.92 0.00	36.11 1.88 0.00	35.34 1.68 0.00
INDIAN POINT___2 23530	32.42 1.03 0.00	30.38 0.91 0.00	29.48 0.97 0.00	29.88 0.90 0.00	30.19 0.88 0.00	31.77 0.96 0.00	34.39 1.23 0.00	35.37 1.49 0.00	36.60 1.64 0.00	36.09 1.62 0.00	35.74 1.64 0.00	35.15 1.74 0.00	32.13 1.56 0.00	31.05 1.51 0.00	31.36 1.55 0.00	32.82 1.59 0.00	36.27 1.73 0.00	42.81 2.54 0.00	41.03 2.54 0.00	40.25 2.35 0.00	38.75 1.88 0.00	36.68 1.71 0.00	35.97 1.74 0.00	35.24 1.58 0.00
INDIAN POINT___3 23531	32.45 1.07 0.00	30.40 0.94 0.00	29.51 1.00 0.00	29.91 0.93 0.00	30.22 0.91 0.00	31.83 1.02 0.00	34.42 1.26 0.00	35.37 1.49 0.00	36.63 1.68 0.00	36.09 1.62 0.00	35.74 1.64 0.00	35.05 1.64 0.00	32.16 1.59 0.00	31.05 1.51 0.00	31.33 1.52 0.00	32.85 1.62 0.00	36.27 1.73 0.00	42.85 2.58 0.00	41.10 2.62 0.00	40.29 2.39 0.00	38.79 1.92 0.00	36.79 1.82 0.00	36.00 1.78 0.00	35.24 1.58 0.00
INGHAM_C_115KV_TB7 356103	31.29 -0.09 0.00	29.37 -0.09 0.00	28.43 -0.09 0.00	28.87 -0.12 0.00	29.22 -0.09 0.00	30.73 -0.09 0.00	33.09 -0.07 0.00	33.85 -0.03 0.00	34.95 0.00 0.00	34.51 0.03 0.00	34.10 0.00 0.00	33.41 0.00 0.00	30.54 -0.03 0.00	29.48 -0.06 0.00	29.75 -0.06 0.00	31.16 -0.06 0.00	34.51 -0.03 0.00	40.31 0.04 0.00	38.60 0.12 0.00	37.94 0.04 0.00	36.87 0.00 0.00	34.97 0.00 0.00	34.26 0.03 0.00	33.66 0.00 0.00
IP CORINTH___1 23988	32.64 1.26 0.00	30.61 1.15 0.00	29.63 1.11 0.00	30.14 1.16 0.00	30.51 1.20 0.00	32.14 1.33 0.00	34.68 1.53 0.00	35.58 1.69 0.00	36.81 1.85 0.00	36.23 1.76 0.00	35.81 1.71 0.00	34.95 1.54 0.00	31.80 1.22 0.00	30.66 1.12 0.00	31.00 1.19 0.00	32.63 1.41 0.00	36.27 1.73 0.00	42.77 2.50 0.00	41.07 2.58 0.00	40.14 2.24 0.00	38.75 1.88 0.00	36.72 1.75 0.00	35.94 1.71 0.00	35.28 1.62 0.00
IP___TICONDEROGA 23804	33.90 2.51 0.00	31.76 2.30 0.00	30.68 2.17 0.00	31.24 2.26 0.00	31.68 2.37 0.00	33.41 2.59 0.00	36.04 2.88 0.00	37.00 3.12 0.00	38.31 3.36 0.00	37.71 3.24 0.00	37.20 3.10 0.00	36.22 2.81 0.00	32.78 2.20 0.00	31.61 2.07 0.00	31.98 2.18 0.00	33.72 2.50 0.00	37.65 3.11 0.00	44.54 4.27 0.00	42.84 4.35 0.00	41.73 3.83 0.00	40.22 3.36 0.00	38.08 3.11 0.00	37.30 3.08 0.00	36.62 2.96 0.00
ISLIP_RES_REC 323679	35.38 2.54 -1.45	33.41 2.39 -1.56	31.62 2.37 -0.74	33.45 2.32 -2.14	34.90 2.35 -3.25	35.40 2.53 -2.06	35.97 2.82 0.00	41.04 3.22 -3.94	41.07 3.43 -2.68	41.76 3.38 -3.91	41.68 3.44 -4.13	39.81 3.41 -2.99	39.06 3.06 -5.43	39.06 2.98 -6.53	38.74 3.04 -5.89	39.78 3.19 -5.37	43.66 3.59 -5.52	53.67 4.79 -8.61	54.77 4.66 -11.63	54.00 4.55 -11.55	49.80 3.98 -8.95	43.49 3.67 -4.85	42.06 3.59 -4.25	39.92 3.33 -2.92

JAMAICA__27_KV_LOAD 355505	32.80 1.41 0.00	30.64 1.18 0.00	29.77 1.25 0.00	30.17 1.19 0.00	30.51 1.20 0.00	32.14 1.33 0.00	34.82 1.66 0.00	35.92 2.03 0.00	37.26 2.31 0.00	36.71 2.24 0.00	36.39 2.28 0.00	35.68 2.27 0.00	32.81 2.23 0.00	31.67 2.13 0.00	31.95 2.15 0.00	33.50 2.28 0.00	37.00 2.45 0.00	43.77 3.50 0.00	42.04 3.54 -0.02	41.25 3.34 -0.02	39.56 2.69 0.00	37.52 2.55 0.00	36.69 2.46 0.00	35.92 2.26 0.00
JANIS__SOLAR 323808	33.14 1.76 0.00	31.02 1.56 0.00	30.00 1.48 0.00	30.58 1.59 0.00	31.01 1.70 0.00	32.67 1.85 0.00	35.18 2.02 0.00	35.71 1.83 0.00	36.63 1.68 0.00	36.02 1.55 0.00	35.43 1.33 0.00	34.41 1.00 0.00	31.37 0.79 0.00	30.34 0.80 0.00	30.67 0.86 0.00	32.32 1.09 0.00	36.13 1.59 0.00	42.52 2.25 0.00	40.95 2.47 0.00	39.98 2.08 0.00	38.82 1.95 0.00	36.86 1.89 0.00	35.87 1.64 0.00	35.34 1.68 0.00
JARVIS____ 23743	31.42 0.03 0.00	29.46 0.00 0.00	28.51 0.00 0.00	28.98 0.00 0.00	29.31 0.00 0.00	30.85 0.03 0.00	33.19 0.03 0.00	33.95 0.07 0.00	35.02 0.07 0.00	34.54 0.07 0.00	34.17 0.07 0.00	33.48 0.07 0.00	30.60 0.03 0.00	29.60 0.06 0.00	29.87 0.06 0.00	31.29 0.06 0.00	34.61 0.07 0.00	40.47 0.20 0.00	38.76 0.27 0.00	38.09 0.19 0.00	36.94 0.07 0.00	35.04 0.07 0.00	34.33 0.10 0.00	33.73 0.07 0.00
JENNISON____1 23625	33.33 1.95 0.00	31.23 1.77 0.00	30.20 1.68 0.00	30.78 1.80 0.00	31.24 1.93 0.00	32.85 2.03 0.00	35.38 2.22 0.00	35.98 2.10 0.00	36.95 1.99 0.00	36.47 2.00 0.00	35.91 1.81 0.00	35.05 1.64 0.00	31.95 1.38 0.00	30.90 1.36 0.00	31.18 1.37 0.00	32.72 1.50 0.00	36.51 1.97 0.00	42.97 2.70 0.00	41.34 2.85 0.00	40.40 2.50 0.00	39.19 2.32 0.00	37.14 2.17 0.00	36.24 2.02 0.00	35.68 2.02 0.00
JENNISON____2 23626	33.33 1.95 0.00	31.23 1.77 0.00	30.20 1.68 0.00	30.78 1.80 0.00	31.24 1.93 0.00	32.85 2.03 0.00	35.38 2.22 0.00	35.98 2.10 0.00	36.95 1.99 0.00	36.47 2.00 0.00	35.91 1.81 0.00	35.05 1.64 0.00	31.95 1.38 0.00	30.90 1.36 0.00	31.18 1.37 0.00	32.72 1.50 0.00	36.51 1.97 0.00	42.97 2.70 0.00	41.34 2.85 0.00	40.40 2.50 0.00	39.19 2.32 0.00	37.14 2.17 0.00	36.24 2.02 0.00	35.68 2.02 0.00
JERICOHO_RISE_WT_PWR 323719	32.51 1.13 0.00	30.67 1.21 0.00	29.66 1.14 0.00	30.23 1.25 0.00	30.60 1.29 0.00	32.08 1.26 0.00	34.08 0.93 0.00	35.00 1.12 0.00	36.14 1.19 0.00	35.64 1.17 0.00	35.19 1.09 0.00	34.48 1.07 0.00	31.58 1.01 0.00	30.40 0.86 0.00	30.67 0.86 0.00	32.10 0.87 0.00	35.62 1.07 0.00	41.03 0.76 0.00	38.95 0.46 0.00	38.47 0.57 0.00	37.79 0.92 0.00	35.78 0.80 0.00	34.94 0.72 0.00	34.77 1.11 0.00
KATONAH__115KV_46KV_TB4 355592	32.70 1.32 0.00	30.67 1.21 0.00	29.74 1.23 0.00	30.20 1.22 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.55 1.39 0.00	35.61 1.73 0.00	36.95 1.99 0.00	36.37 1.90 0.00	35.98 1.88 0.00	35.25 1.84 0.00	32.29 1.71 0.00	31.14 1.60 0.00	31.48 1.67 0.00	32.97 1.75 0.00	36.48 1.93 0.00	43.13 2.86 0.00	41.34 2.85 0.00	40.55 2.65 0.00	39.04 2.18 0.00	37.03 2.06 0.00	36.21 1.99 0.00	35.44 1.78 0.00
KCE_NY_1 323755	32.73 1.35 0.00	30.73 1.27 0.00	29.74 1.23 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.21 1.39 0.00	34.72 1.56 0.00	35.27 1.39 0.00	36.46 1.50 0.00	35.89 1.41 0.00	35.47 1.37 0.00	34.71 1.30 0.00	31.64 1.07 0.00	30.54 1.00 0.00	30.85 1.04 0.00	32.44 1.22 0.00	35.99 1.45 0.00	42.32 2.05 0.00	40.60 2.12 0.00	39.76 1.86 0.00	38.42 1.55 0.00	36.41 1.43 0.00	35.69 1.47 0.00	35.04 1.38 0.00
KCE_NY_6_ESR 323823	30.73 -0.66 0.00	28.93 -0.53 0.00	27.77 -0.74 0.00	28.43 -0.55 0.00	28.87 -0.44 0.00	30.39 -0.43 0.00	32.46 -0.70 0.00	32.16 -1.73 0.00	32.61 -2.34 0.00	32.30 -2.17 0.00	32.12 -1.98 0.00	31.17 -2.24 0.00	29.05 -1.53 0.00	28.03 -1.51 0.00	28.17 -1.64 0.00	29.41 -1.81 0.00	31.78 -2.76 0.00	37.29 -2.98 0.00	36.10 -2.39 0.00	34.76 -3.15 0.00	33.70 -3.17 0.00	32.38 -2.59 0.00	31.45 -2.77 0.00	31.71 -1.95 0.00
KEDC_PORT_JEFF_GT2 24210	35.19 2.36 -1.45	33.24 2.21 -1.56	31.48 2.23 -0.74	33.30 2.17 -2.14	34.76 2.20 -3.25	35.22 2.34 -2.06	35.78 2.62 0.00	40.84 3.01 -3.94	40.85 3.21 -2.68	41.55 3.17 -3.91	41.48 3.24 -4.13	39.64 3.24 -2.99	38.93 2.94 -5.43	38.91 2.84 -6.53	38.59 2.89 -5.89	39.62 3.03 -5.37	43.45 3.39 -5.52	53.39 4.51 -8.61	54.50 4.39 -11.63	53.73 4.28 -11.55	49.54 3.72 -8.95	43.25 3.43 -4.85	41.86 3.39 -4.25	39.75 3.16 -2.92
KEDC_PORT_JEFF_GT3 24211	35.19 2.36 -1.45	33.24 2.21 -1.56	31.48 2.23 -0.74	33.30 2.17 -2.14	34.76 2.20 -3.25	35.22 2.34 -2.06	35.78 2.62 0.00	40.84 3.01 -3.94	40.85 3.21 -2.68	41.55 3.17 -3.91	41.48 3.24 -4.13	39.64 3.24 -2.99	38.93 2.94 -5.43	38.91 2.84 -6.53	38.59 2.89 -5.89	39.62 3.03 -5.37	43.45 3.39 -5.52	53.39 4.51 -8.61	54.50 4.39 -11.63	53.73 4.28 -11.55	49.54 3.72 -8.95	43.25 3.43 -4.85	41.86 3.39 -4.25	39.75 3.16 -2.92
KEDC_GLWD_GT4 24219	34.72 1.88 -1.45	32.70 1.68 -1.56	30.96 1.71 -0.74	32.81 1.68 -2.14	34.23 1.67 -3.25	34.66 1.79 -2.06	35.25 2.09 0.00	40.23 2.41 -3.94	40.26 2.62 -2.68	41.00 2.62 -3.91	40.86 2.63 -4.13	39.11 2.71 -2.99	38.41 2.41 -5.43	38.44 2.36 -6.53	38.08 2.39 -5.89	39.09 2.50 -5.37	42.76 2.70 -5.52	52.27 3.38 -8.61	53.46 3.35 -11.63	52.60 3.14 -11.55	48.48 2.66 -8.95	42.37 2.55 -4.85	41.17 2.70 -4.25	39.11 2.53 -2.92
KEDC_GLWD_GT5 24220	34.72 1.88 -1.45	32.70 1.68 -1.56	30.96 1.71 -0.74	32.81 1.68 -2.14	34.23 1.67 -3.25	34.66 1.79 -2.06	35.25 2.09 0.00	40.23 2.41 -3.94	40.26 2.62 -2.68	41.00 2.62 -3.91	40.86 2.63 -4.13	39.11 2.71 -2.99	38.41 2.41 -5.43	38.44 2.36 -6.53	38.08 2.39 -5.89	39.09 2.50 -5.37	42.76 2.70 -5.52	52.27 3.38 -8.61	53.46 3.35 -11.63	52.60 3.14 -11.55	48.48 2.66 -8.95	42.37 2.55 -4.85	41.17 2.70 -4.25	39.11 2.53 -2.92
KENSICO____ 23655	32.55 1.16 0.00	30.49 1.03 0.00	29.60 1.08 0.00	30.03 1.04 0.00	30.31 1.00 0.00	31.93 1.11 0.00	34.52 1.36 0.00	35.51 1.63 0.00	36.77 1.82 0.00	36.23 1.76 0.00	35.91 1.81 0.00	35.18 1.77 0.00	32.29 1.71 0.00	31.19 1.65 0.00	31.48 1.67 0.00	33.00 1.78 0.00	36.44 1.90 0.00	43.05 2.78 0.00	41.30 2.81 0.00	40.48 2.58 0.00	38.93 2.06 0.00	36.93 1.96 0.00	36.18 1.95 0.00	35.41 1.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.64 1.26 0.00	30.58 1.12 0.00	29.63 1.11 0.00	30.08 1.10 0.00	30.31 1.00 0.00	31.93 1.11 0.00	34.52 1.36 0.00	35.24 1.36 0.00	36.49 1.54 0.00	35.85 1.38 0.00	35.46 1.36 0.00	34.75 1.34 0.00	31.80 1.22 0.00	30.69 1.15 0.00	31.03 1.22 0.00	32.57 1.34 0.00	36.10 1.55 0.00	42.65 2.38 0.00	40.91 2.42 0.00	40.18 2.27 0.00	38.64 1.77 0.00	36.69 1.71 0.00	35.94 1.71 0.00	35.21 1.55 0.00

KIAC_JFK_GT1 23816	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.05 1.23 0.00	34.72 1.56 0.00	35.81 1.93 0.00	37.12 2.17 0.00	36.61 2.14 0.00	36.28 2.18 0.00	35.58 2.17 0.00	32.71 2.14 0.00	31.58 2.04 0.00	31.86 2.06 0.00	33.41 2.19 0.00	36.86 2.31 0.00	43.61 3.34 0.00	41.89 3.39 -0.02	41.10 3.18 -0.02	39.45 2.58 0.00	37.38 2.41 0.00	36.59 2.36 0.00	35.81 2.15 0.00
KIAC_JFK_GT2 23817	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.05 1.23 0.00	34.72 1.56 0.00	35.81 1.93 0.00	37.12 2.17 0.00	36.61 2.14 0.00	36.28 2.18 0.00	35.58 2.17 0.00	32.71 2.14 0.00	31.58 2.04 0.00	31.86 2.06 0.00	33.41 2.19 0.00	36.86 2.31 0.00	43.61 3.34 0.00	41.89 3.39 -0.02	41.10 3.18 -0.02	39.45 2.58 0.00	37.38 2.41 0.00	36.59 2.36 0.00	35.81 2.15 0.00
KIAC_JFK____ 323774	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.72 1.56 0.00	35.85 1.96 0.00	37.16 2.20 0.00	36.68 2.21 0.00	36.29 2.18 0.00	35.79 2.37 0.00	32.72 2.14 -0.01	31.61 2.07 -0.01	31.93 2.12 -0.01	33.44 2.22 0.00	36.89 2.35 0.00	43.66 3.38 -0.01	41.85 3.35 -0.02	41.06 3.14 -0.02	39.45 2.58 0.00	37.28 2.31 0.00	36.59 2.36 -0.01	35.85 2.19 -0.01
KINTIGH____ 23543	29.79 -1.60 0.00	28.02 -1.44 0.00	26.92 -1.60 0.00	27.53 -1.45 0.00	27.96 -1.35 0.00	29.37 -1.45 0.00	31.43 -1.72 0.00	31.17 -2.71 0.00	31.74 -3.22 0.00	31.51 -2.96 0.00	31.17 -2.93 0.00	30.87 -2.54 0.00	28.34 -2.23 0.00	27.32 -2.22 0.00	27.48 -2.32 0.00	28.63 -2.59 0.00	31.05 -3.49 0.00	36.20 -4.07 0.00	34.79 -3.69 0.00	33.92 -3.98 0.00	32.92 -3.94 0.00	31.26 -3.71 0.00	30.53 -3.70 0.00	30.87 -2.79 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.14 1.76 0.00	31.29 1.83 0.00	30.22 1.71 0.00	30.84 1.85 0.00	31.22 1.91 0.00	32.76 1.94 0.00	34.65 1.49 0.00	35.58 1.69 0.00	36.74 1.78 0.00	36.26 1.79 0.00	35.77 1.67 0.00	35.05 1.64 0.00	31.98 1.41 0.00	30.84 1.30 0.00	31.12 1.31 0.00	32.57 1.34 0.00	36.20 1.66 0.00	41.76 1.49 0.00	39.68 1.19 0.00	39.04 1.14 0.00	38.42 1.55 0.00	36.27 1.29 0.00	35.42 1.20 0.00	35.41 1.75 0.00
LACHUTE____HYDRO 323717	33.90 2.51 0.00	31.76 2.30 0.00	30.68 2.17 0.00	31.25 2.26 0.00	31.68 2.37 0.00	33.41 2.59 0.00	36.04 2.88 0.00	36.19 2.31 0.00	37.44 2.48 0.00	36.85 2.38 0.00	36.35 2.25 0.00	35.42 2.00 0.00	32.01 1.44 0.00	30.90 1.36 0.00	31.27 1.46 0.00	33.00 1.78 0.00	36.82 2.28 0.00	43.53 3.26 0.00	41.87 3.39 0.00	40.78 2.88 0.00	39.34 2.47 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.78 2.12 0.00
LAWRNCV_115KV_TB1 80681	31.26 -0.13 0.00	29.61 0.15 0.00	28.63 0.11 0.00	29.16 0.17 0.00	29.52 0.21 0.00	30.66 -0.15 0.00	32.73 -0.43 0.00	33.61 -0.27 0.00	34.67 -0.28 0.00	34.20 -0.28 0.00	33.73 -0.38 0.00	33.05 -0.37 0.00	30.18 -0.40 0.00	29.33 -0.21 0.00	29.63 -0.18 0.00	30.82 -0.41 0.00	34.30 -0.24 0.00	39.55 -0.72 0.00	37.60 -0.89 0.00	37.18 -0.72 0.00	36.57 -0.29 0.00	34.62 -0.35 0.00	33.85 -0.38 0.00	33.56 -0.10 0.00
LEDERLE____ 23769	32.52 1.13 0.00	30.46 1.00 0.00	29.57 1.05 0.00	29.97 0.99 0.00	30.28 0.97 0.00	31.87 1.05 0.00	34.48 1.33 0.00	35.41 1.52 0.00	36.67 1.71 0.00	36.09 1.62 0.00	35.77 1.67 0.00	35.05 1.64 0.00	32.16 1.59 0.00	31.05 1.51 0.00	31.33 1.52 0.00	32.85 1.62 0.00	36.27 1.73 0.00	42.89 2.62 0.00	41.14 2.66 0.00	40.36 2.46 0.00	38.82 1.95 0.00	36.82 1.85 0.00	36.07 1.85 0.00	35.28 1.62 0.00
LIGHTHSE_115KV_TB6 355974	30.70 -0.69 0.00	28.78 -0.68 0.00	27.83 -0.68 0.00	28.32 -0.67 0.00	28.67 -0.64 0.00	30.11 -0.71 0.00	32.39 -0.76 0.00	32.97 -0.91 0.00	33.91 -1.05 0.00	33.47 -1.00 0.00	33.11 -0.99 0.00	32.48 -0.94 0.00	29.66 -0.92 0.00	28.68 -0.86 0.00	28.88 -0.92 0.00	30.29 -0.94 0.00	33.58 -0.97 0.00	39.30 -0.97 0.00	37.68 -0.81 0.00	36.95 -0.95 0.00	35.91 -0.96 0.00	34.10 -0.87 0.00	33.37 -0.86 0.00	32.85 -0.81 0.00
LINDEN COGEN____ 23786	32.48 1.10 0.01	30.37 0.91 0.01	29.50 1.00 0.01	29.90 0.93 0.01	30.21 0.91 0.01	31.80 0.99 0.01	34.41 1.26 0.01	35.54 1.66 0.00	36.84 1.89 0.00	36.33 1.86 0.00	35.98 1.87 0.00	35.49 2.07 0.00	32.42 1.83 -0.01	31.35 1.80 -0.01	31.63 1.82 -0.01	33.13 1.90 0.00	36.51 1.97 0.00	43.18 2.90 -0.01	41.35 2.85 -0.02	40.61 2.69 -0.02	39.04 2.17 0.00	36.93 1.96 0.00	36.29 2.05 -0.01	35.55 1.88 -0.01
LINDHRST_69_KV_BK1 356055	35.10 2.26 -1.45	33.09 2.06 -1.56	31.31 2.05 -0.74	33.16 2.03 -2.14	34.58 2.02 -3.25	35.06 2.19 -2.06	35.64 2.49 0.00	40.64 2.81 -3.94	40.68 3.04 -2.68	41.34 2.96 -3.91	41.27 3.03 -4.13	39.34 2.94 -2.99	38.78 2.78 -5.43	38.76 2.69 -6.53	38.41 2.71 -5.89	39.46 2.87 -5.37	43.24 3.18 -5.52	53.23 4.35 -8.61	54.42 4.31 -11.63	53.54 4.09 -11.55	49.32 3.50 -8.95	43.14 3.32 -4.85	41.69 3.22 -4.25	39.55 2.96 -2.92
LIPA_MISC_IPP 23656	35.16 2.32 -1.45	33.24 2.21 -1.56	31.48 2.22 -0.74	33.30 2.17 -2.14	34.67 2.11 -3.25	35.25 2.37 -2.06	35.78 2.62 0.00	40.81 2.98 -3.94	40.85 3.22 -2.68	41.48 3.10 -3.91	41.47 3.24 -4.13	39.48 3.07 -2.99	38.87 2.87 -5.43	38.85 2.78 -6.53	38.53 2.83 -5.89	39.59 3.00 -5.37	43.38 3.32 -5.52	53.27 4.39 -8.61	54.39 4.27 -11.63	53.73 4.28 -11.55	49.51 3.69 -8.95	43.32 3.50 -4.85	41.86 3.39 -4.25	39.68 3.10 -2.92
LISF____SOLAR 323691	35.22 2.38 -1.45	33.33 2.30 -1.56	31.54 2.28 -0.74	33.36 2.23 -2.14	34.81 2.26 -3.25	35.31 2.43 -2.06	35.84 2.68 0.00	40.91 3.08 -3.94	40.92 3.28 -2.68	41.59 3.21 -3.91	41.58 3.34 -4.13	39.68 3.28 -2.99	38.93 2.94 -5.43	38.94 2.86 -6.53	38.62 2.92 -5.89	39.65 3.06 -5.37	43.49 3.42 -5.52	53.35 4.47 -8.61	54.46 4.35 -11.63	53.81 4.36 -11.55	49.62 3.80 -8.95	43.35 3.53 -4.85	41.93 3.46 -4.25	39.78 3.20 -2.92
LITTLE FALLS____HYD 24013	31.29 -0.09 0.00	29.37 -0.09 0.00	28.43 -0.09 0.00	28.87 -0.12 0.00	29.22 -0.09 0.00	30.73 -0.09 0.00	33.09 -0.07 0.00	33.85 -0.03 0.00	34.95 0.00 0.00	34.51 0.03 0.00	34.10 0.00 0.00	33.41 0.00 0.00	30.54 -0.03 0.00	29.48 -0.06 0.00	29.75 -0.06 0.00	31.16 -0.06 0.00	34.51 -0.03 0.00	40.31 0.04 0.00	38.60 0.12 0.00	37.94 0.04 0.00	36.87 0.00 0.00	34.97 0.00 0.00	34.26 0.03 0.00	33.66 0.00 0.00
LITTLRIV_115KV_TB1 356100	31.54 0.16 0.00	29.87 0.41 0.00	28.88 0.37 0.00	29.42 0.43 0.00	29.81 0.50 0.00	30.97 0.15 0.00	33.06 -0.10 0.00	33.98 0.10 0.00	35.06 0.10 0.00	34.58 0.10 0.00	34.07 -0.03 0.00	33.35 -0.07 0.00	30.45 -0.12 0.00	29.63 0.09 0.00	29.90 0.09 0.00	31.13 -0.09 0.00	34.72 0.17 0.00	39.99 -0.28 0.00	38.06 -0.42 0.00	37.64 -0.27 0.00	37.05 0.18 0.00	35.04 0.07 0.00	34.22 0.00 0.00	33.90 0.24 0.00

LI_NEWBRDGE___DRP 323616	34.47 1.63 -1.45	32.50 1.47 -1.56	30.74 1.48 -0.74	32.58 1.45 -2.14	33.99 1.44 -3.25	34.42 1.54 -2.06	34.98 1.82 0.00	39.96 2.13 -3.94	39.98 2.34 -2.68	40.62 2.24 -3.91	40.52 2.28 -4.13	38.67 2.27 -2.99	38.17 2.17 -5.43	38.14 2.07 -6.53	37.81 2.12 -5.89	38.81 2.22 -5.37	42.45 2.38 -5.52	52.23 3.34 -8.61	53.46 3.35 -11.63	52.60 3.15 -11.55	48.40 2.58 -8.95	42.27 2.45 -4.85	40.90 2.43 -4.25	38.81 2.22 -2.92
LOCKPORT_115KV_TB60_63_64 80432	29.97 -1.41 0.00	28.22 -1.24 0.00	27.09 -1.43 0.00	27.74 -1.25 0.00	28.17 -1.14 0.00	29.59 -1.23 0.00	31.57 -1.59 0.00	31.04 -2.85 0.00	31.49 -3.46 0.00	31.33 -3.14 0.00	31.00 -3.10 0.00	30.77 -2.64 0.00	28.28 -2.29 0.00	27.24 -2.30 0.00	27.36 -2.44 0.00	28.48 -2.75 0.00	30.74 -3.80 0.00	35.84 -4.43 0.00	34.52 -3.96 0.00	33.58 -4.32 0.00	32.56 -4.31 0.00	30.91 -4.06 0.00	30.19 -4.04 0.00	30.77 -2.89 0.00
LOCKPORT___CC1 323769	29.94 -1.44 0.00	28.20 -1.27 0.00	27.09 -1.42 0.00	27.71 -1.27 0.00	28.17 -1.14 0.00	29.65 -1.17 0.00	31.57 -1.59 0.00	31.24 -2.64 0.00	31.67 -3.29 0.00	31.37 -3.10 0.00	31.20 -2.90 0.00	30.27 -3.14 0.00	28.22 -2.35 0.00	27.24 -2.30 0.00	27.39 -2.41 0.00	28.60 -2.62 0.00	30.85 -3.70 0.00	36.20 -4.07 0.00	35.02 -3.46 0.00	33.69 -4.21 0.00	32.70 -4.17 0.00	31.40 -3.57 0.00	30.53 -3.70 0.00	30.83 -2.83 0.00
LOCKPORT___CC2 323770	29.94 -1.44 0.00	28.20 -1.27 0.00	27.09 -1.42 0.00	27.71 -1.27 0.00	28.17 -1.14 0.00	29.65 -1.17 0.00	31.57 -1.59 0.00	31.24 -2.64 0.00	31.67 -3.29 0.00	31.37 -3.10 0.00	31.20 -2.90 0.00	30.27 -3.14 0.00	28.22 -2.35 0.00	27.24 -2.30 0.00	27.39 -2.41 0.00	28.60 -2.62 0.00	30.85 -3.70 0.00	36.20 -4.07 0.00	35.02 -3.46 0.00	33.69 -4.21 0.00	32.70 -4.17 0.00	31.40 -3.57 0.00	30.53 -3.70 0.00	30.83 -2.83 0.00
LOCKPORT___CC3 323771	29.94 -1.44 0.00	28.20 -1.27 0.00	27.09 -1.42 0.00	27.71 -1.27 0.00	28.17 -1.14 0.00	29.65 -1.17 0.00	31.57 -1.59 0.00	31.24 -2.64 0.00	31.67 -3.29 0.00	31.37 -3.10 0.00	31.20 -2.90 0.00	30.27 -3.14 0.00	28.22 -2.35 0.00	27.24 -2.30 0.00	27.39 -2.41 0.00	28.60 -2.62 0.00	30.85 -3.70 0.00	36.20 -4.07 0.00	35.02 -3.46 0.00	33.69 -4.21 0.00	32.70 -4.17 0.00	31.40 -3.57 0.00	30.53 -3.70 0.00	30.83 -2.83 0.00
LONG_LAKE_PHOENIX 24014	30.66 -0.72 0.00	28.73 -0.74 0.00	27.77 -0.74 0.00	28.23 -0.75 0.00	28.58 -0.73 0.00	30.08 -0.74 0.00	32.36 -0.80 0.00	32.87 -1.02 0.00	33.87 -1.08 0.00	33.44 -1.03 0.00	33.08 -1.02 0.00	32.38 -1.04 0.00	29.60 -0.98 0.00	28.57 -0.97 0.00	28.79 -1.01 0.00	30.23 -1.00 0.00	33.44 -1.11 0.00	39.10 -1.17 0.00	37.45 -1.04 0.00	36.80 -1.10 0.00	35.69 -1.18 0.00	33.85 -1.12 0.00	33.13 -1.10 0.00	32.65 -1.01 0.00
LOVETT___3 23632	32.39 1.00 0.00	30.35 0.88 0.00	29.45 0.94 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.77 0.96 0.00	34.35 1.19 0.00	35.31 1.42 0.00	36.56 1.61 0.00	35.99 1.52 0.00	35.67 1.57 0.00	34.95 1.54 0.00	32.07 1.50 0.00	30.99 1.45 0.00	31.27 1.46 0.00	32.75 1.53 0.00	36.17 1.62 0.00	42.73 2.46 0.00	40.99 2.50 0.00	40.21 2.31 0.00	38.68 1.81 0.00	36.72 1.75 0.00	35.94 1.71 0.00	35.14 1.48 0.00
LOVETT___4 23642	32.39 1.00 0.00	30.35 0.88 0.00	29.45 0.94 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.77 0.96 0.00	34.35 1.19 0.00	35.31 1.42 0.00	36.56 1.61 0.00	35.99 1.52 0.00	35.67 1.57 0.00	34.95 1.54 0.00	32.07 1.50 0.00	30.99 1.45 0.00	31.27 1.46 0.00	32.75 1.53 0.00	36.17 1.62 0.00	42.73 2.46 0.00	40.99 2.50 0.00	40.21 2.31 0.00	38.68 1.81 0.00	36.72 1.75 0.00	35.94 1.71 0.00	35.14 1.48 0.00
LOVETT___5 23593	32.39 1.00 0.00	30.35 0.88 0.00	29.45 0.94 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.77 0.96 0.00	34.35 1.19 0.00	35.31 1.42 0.00	36.56 1.61 0.00	35.99 1.52 0.00	35.67 1.57 0.00	34.95 1.54 0.00	32.07 1.50 0.00	30.99 1.45 0.00	31.27 1.46 0.00	32.75 1.53 0.00	36.17 1.62 0.00	42.73 2.46 0.00	40.99 2.50 0.00	40.21 2.31 0.00	38.68 1.81 0.00	36.72 1.75 0.00	35.94 1.71 0.00	35.14 1.48 0.00
LOWER RAQUET___HYD 24057	31.13 -0.25 0.00	29.49 0.03 0.00	28.54 0.03 0.00	29.04 0.06 0.00	29.43 0.12 0.00	30.54 -0.28 0.00	32.56 -0.60 0.00	33.44 -0.44 0.00	34.54 -0.42 0.00	34.02 -0.45 0.00	33.55 -0.55 0.00	32.88 -0.54 0.00	30.27 -0.31 0.00	29.19 -0.35 0.00	29.48 -0.33 0.00	30.66 -0.56 0.00	34.16 -0.38 0.00	39.35 -0.92 0.00	37.45 -1.04 0.00	37.07 -0.83 0.00	36.43 -0.44 0.00	34.45 -0.52 0.00	33.68 -0.55 0.00	33.46 -0.20 0.00
LOWER___HUDSON 24059	32.33 0.94 0.00	30.34 0.88 0.00	29.40 0.88 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.77 0.96 0.00	34.25 1.09 0.00	35.00 1.12 0.00	36.18 1.22 0.00	35.64 1.17 0.00	35.26 1.16 0.00	34.55 1.14 0.00	31.55 0.98 0.00	30.49 0.95 0.00	30.79 0.98 0.00	32.29 1.06 0.00	35.75 1.21 0.00	42.04 1.77 0.00	40.26 1.77 0.00	39.49 1.59 0.00	38.16 1.29 0.00	36.16 1.19 0.00	35.45 1.23 0.00	34.84 1.18 0.00
LOWVILLE_115KV_TB2 356335	31.39 0.00 0.00	29.46 0.00 0.00	28.51 0.00 0.00	29.04 0.06 0.00	29.43 0.12 0.00	30.88 0.06 0.00	33.19 0.03 0.00	33.95 0.07 0.00	34.95 0.00 0.00	34.47 0.00 0.00	34.00 -0.10 0.00	33.21 -0.20 0.00	30.30 -0.28 0.00	29.36 -0.18 0.00	29.66 -0.15 0.00	31.07 -0.16 0.00	34.68 0.14 0.00	40.51 0.24 0.00	38.83 0.35 0.00	38.09 0.19 0.00	37.09 0.22 0.00	35.11 0.14 0.00	34.26 0.03 0.00	33.73 0.07 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.70 1.32 0.00	30.70 1.24 0.00	29.71 1.20 0.00	30.20 1.22 0.00	30.54 1.23 0.00	32.17 1.36 0.00	34.68 1.53 0.00	35.54 1.66 0.00	36.74 1.78 0.00	36.16 1.69 0.00	35.77 1.67 0.00	34.98 1.57 0.00	31.89 1.31 0.00	30.78 1.24 0.00	31.09 1.28 0.00	32.66 1.44 0.00	36.27 1.73 0.00	42.65 2.38 0.00	40.91 2.42 0.00	40.10 2.20 0.00	38.71 1.84 0.00	36.72 1.75 0.00	35.97 1.75 0.00	35.31 1.65 0.00
LUTHERNY_35_KV_BK2 355980	32.74 1.35 0.00	30.73 1.27 0.00	29.74 1.23 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.20 1.39 0.00	34.72 1.56 0.00	35.54 1.66 0.00	36.74 1.78 0.00	36.20 1.72 0.00	35.77 1.67 0.00	34.98 1.57 0.00	31.92 1.35 0.00	30.81 1.27 0.00	31.12 1.31 0.00	32.69 1.47 0.00	36.27 1.73 0.00	42.69 2.42 0.00	40.95 2.46 0.00	40.10 2.20 0.00	38.75 1.88 0.00	36.72 1.75 0.00	36.00 1.78 0.00	35.34 1.68 0.00
LWR___OSWEGATCHIE_HYD 23850	30.85 -0.53 0.00	29.11 -0.35 0.00	28.14 -0.37 0.00	28.66 -0.32 0.00	29.05 -0.26 0.00	30.32 -0.49 0.00	32.43 -0.73 0.00	33.27 -0.61 0.00	34.29 -0.66 0.00	33.82 -0.65 0.00	33.32 -0.78 0.00	32.61 -0.80 0.00	29.75 -0.83 0.00	28.89 -0.65 0.00	29.18 -0.63 0.00	30.44 -0.78 0.00	33.99 -0.55 0.00	39.42 -0.85 0.00	37.68 -0.81 0.00	37.11 -0.80 0.00	36.28 -0.59 0.00	34.38 -0.59 0.00	33.54 -0.68 0.00	33.16 -0.50 0.00

LYONS_FALL_HYD 23570	31.64 0.25 0.00	29.70 0.23 0.00	28.74 0.23 0.00	29.24 0.26 0.00	29.66 0.35 0.00	31.16 0.34 0.00	33.49 0.33 0.00	34.26 0.37 0.00	35.27 0.31 0.00	34.78 0.31 0.00	34.31 0.21 0.00	33.55 0.13 0.00	30.64 0.06 0.00	29.66 0.12 0.00	29.93 0.12 0.00	31.35 0.13 0.00	34.92 0.38 0.00	40.88 0.60 0.00	39.18 0.69 0.00	38.39 0.49 0.00	37.35 0.48 0.00	35.39 0.42 0.00	34.57 0.34 0.00	34.00 0.34 0.00
MADISON___COUNTY_LFGE 323628	32.11 0.72 0.00	30.11 0.65 0.00	29.14 0.63 0.00	29.65 0.67 0.00	30.04 0.73 0.00	31.65 0.83 0.00	34.05 0.90 0.00	34.70 0.81 0.00	35.72 0.77 0.00	35.23 0.76 0.00	34.75 0.65 0.00	33.95 0.53 0.00	31.00 0.43 0.00	29.98 0.44 0.00	30.28 0.48 0.00	31.76 0.53 0.00	35.27 0.73 0.00	41.28 1.01 0.00	39.56 1.08 0.00	38.81 0.91 0.00	37.68 0.81 0.00	35.71 0.73 0.00	34.87 0.65 0.00	34.33 0.67 0.00
MALONE___115KV_TB1 356076	32.61 1.22 0.00	30.79 1.33 0.00	29.77 1.25 0.00	30.35 1.36 0.00	30.72 1.41 0.00	32.17 1.36 0.00	34.22 1.06 0.00	35.14 1.25 0.00	36.32 1.36 0.00	35.82 1.34 0.00	35.33 1.23 0.00	34.62 1.20 0.00	31.61 1.04 0.00	30.51 0.97 0.00	30.79 0.98 0.00	32.22 1.00 0.00	35.82 1.28 0.00	41.32 1.05 0.00	39.26 0.77 0.00	38.70 0.80 0.00	38.09 1.22 0.00	35.99 1.01 0.00	35.11 0.89 0.00	34.94 1.28 0.00
MAPLEWOD_115KV_TB3 80458	32.11 0.72 0.00	30.11 0.65 0.00	29.17 0.66 0.00	29.65 0.67 0.00	29.96 0.64 0.00	31.53 0.71 0.00	33.99 0.83 0.00	34.80 0.91 0.00	35.97 1.01 0.00	35.44 0.97 0.00	35.09 0.99 0.00	34.35 0.94 0.00	31.40 0.83 0.00	30.31 0.77 0.00	30.61 0.80 0.00	32.16 0.94 0.00	35.58 1.04 0.00	41.84 1.57 0.00	40.10 1.62 0.00	39.30 1.40 0.00	37.97 1.11 0.00	36.02 1.05 0.00	35.32 1.10 0.00	34.67 1.01 0.00
MAPLE RIDGE_WT_1 323574	31.32 -0.06 0.00	29.46 0.00 0.00	28.51 0.00 0.00	28.98 0.00 0.00	29.31 0.00 0.00	30.79 -0.03 0.00	33.06 -0.10 0.00	33.85 -0.03 0.00	34.92 -0.03 0.00	34.47 0.00 0.00	34.10 0.00 0.00	33.41 0.00 0.00	30.60 0.03 0.00	29.57 0.03 0.00	29.84 0.03 0.00	31.22 0.00 0.00	34.58 0.03 0.00	40.11 -0.16 0.00	38.26 -0.23 0.00	37.75 -0.15 0.00	36.83 -0.04 0.00	34.94 -0.03 0.00	34.19 -0.03 0.00	33.66 0.00 0.00
MAPLE RIDGE_WT_2 323611	31.32 -0.06 0.00	29.46 0.00 0.00	28.51 0.00 0.00	28.98 0.00 0.00	29.31 0.00 0.00	30.79 -0.03 0.00	33.06 -0.10 0.00	33.85 -0.03 0.00	34.92 -0.03 0.00	34.47 0.00 0.00	34.10 0.00 0.00	33.41 0.00 0.00	30.60 0.03 0.00	29.57 0.03 0.00	29.84 0.03 0.00	31.22 0.00 0.00	34.58 0.03 0.00	40.11 -0.16 0.00	38.26 -0.23 0.00	37.75 -0.15 0.00	36.83 -0.04 0.00	34.94 -0.03 0.00	34.19 -0.03 0.00	33.66 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	32.58 1.19 0.00	30.76 1.29 0.00	29.71 1.20 0.00	30.29 1.31 0.00	30.66 1.35 0.00	32.17 1.35 0.00	34.15 0.99 0.00	35.04 1.15 0.00	36.18 1.22 0.00	35.68 1.21 0.00	35.22 1.12 0.00	34.51 1.10 0.00	31.61 1.04 0.00	30.43 0.89 0.00	30.70 0.89 0.00	32.10 0.87 0.00	35.65 1.11 0.00	41.08 0.81 0.00	39.03 0.54 0.00	38.51 0.60 0.00	37.83 0.96 0.00	35.78 0.80 0.00	34.94 0.72 0.00	34.84 1.18 0.00
MARSHVLE_115KV_TB1 80742	33.80 2.42 0.00	31.73 2.27 0.00	30.68 2.17 0.00	31.24 2.26 0.00	31.66 2.34 0.00	33.34 2.53 0.00	35.98 2.82 0.00	36.63 2.74 0.00	37.82 2.87 0.00	37.19 2.72 0.00	36.66 2.56 0.00	35.79 2.37 0.00	32.53 1.96 0.00	31.43 1.89 0.00	31.77 1.97 0.00	33.47 2.25 0.00	37.34 2.80 0.00	44.06 3.79 0.00	42.34 3.85 0.00	41.35 3.45 0.00	39.93 3.06 0.00	38.01 3.04 0.00	37.13 2.91 0.00	36.49 2.83 0.00
MARSH_HILL_WT_PWR 323713	33.02 1.63 0.00	30.93 1.47 0.00	29.88 1.37 0.00	30.46 1.48 0.00	30.89 1.58 0.00	32.57 1.76 0.00	35.11 1.96 0.00	35.34 1.46 0.00	36.25 1.29 0.00	35.68 1.21 0.00	35.29 1.19 0.00	34.38 0.97 0.00	31.46 0.89 0.00	30.40 0.86 0.00	30.67 0.86 0.00	32.22 1.00 0.00	35.58 1.04 0.00	41.80 1.53 0.00	40.26 1.77 0.00	39.26 1.36 0.00	38.12 1.25 0.00	36.33 1.36 0.00	35.32 1.09 0.00	34.97 1.31 0.00
MCINTYRE_115KV_TB2 80467	31.79 0.41 0.00	30.11 0.65 0.00	29.14 0.63 0.00	29.68 0.70 0.00	30.04 0.73 0.00	31.28 0.46 0.00	33.46 0.30 0.00	34.39 0.51 0.00	35.44 0.49 0.00	34.95 0.48 0.00	34.44 0.34 0.00	33.71 0.30 0.00	30.79 0.21 0.00	29.95 0.41 0.00	30.22 0.42 0.00	31.47 0.25 0.00	35.13 0.59 0.00	40.47 0.20 0.00	38.49 0.00 0.00	38.05 0.15 0.00	37.50 0.63 0.00	35.46 0.49 0.00	34.63 0.41 0.00	34.23 0.57 0.00
MECO_____69_KV_BK1 80468	35.00 3.61 0.00	32.85 3.39 0.00	31.74 3.22 0.00	32.32 3.33 0.00	32.77 3.46 0.00	34.55 3.73 0.00	37.30 4.14 0.00	38.08 4.20 0.00	39.39 4.44 0.00	38.64 4.17 0.00	38.02 3.92 0.00	37.05 3.64 0.00	33.54 2.97 0.00	32.43 2.89 0.00	32.82 3.01 0.00	34.72 3.50 0.00	38.86 4.32 0.00	45.91 5.64 0.00	44.26 5.77 0.00	43.09 5.19 0.00	41.55 4.68 0.00	39.45 4.48 0.00	38.57 4.35 0.00	37.87 4.21 0.00
MENANDS___115KV_TB5 355628	31.92 0.53 0.00	29.96 0.50 0.00	29.03 0.51 0.00	29.48 0.49 0.00	29.78 0.47 0.00	31.37 0.55 0.00	33.79 0.63 0.00	34.63 0.75 0.00	35.76 0.80 0.00	35.23 0.76 0.00	34.89 0.78 0.00	34.18 0.77 0.00	31.28 0.70 0.00	30.19 0.65 0.00	30.49 0.69 0.00	32.00 0.78 0.00	35.41 0.86 0.00	41.60 1.33 0.00	39.87 1.39 0.00	39.11 1.21 0.00	37.75 0.88 0.00	35.81 0.84 0.00	35.15 0.92 0.00	34.50 0.84 0.00
MG INDUSTRY___DRP 24185	32.08 0.69 0.00	30.11 0.65 0.00	29.14 0.63 0.00	29.62 0.64 0.00	29.93 0.62 0.00	31.50 0.68 0.00	33.92 0.76 0.00	34.70 0.81 0.00	35.83 0.87 0.00	35.30 0.83 0.00	34.92 0.82 0.00	34.21 0.80 0.00	31.28 0.70 0.00	30.19 0.65 0.00	30.49 0.69 0.00	32.00 0.78 0.00	35.44 0.90 0.00	41.60 1.33 0.00	39.83 1.35 0.00	39.08 1.17 0.00	37.79 0.92 0.00	35.88 0.91 0.00	35.18 0.96 0.00	34.57 0.91 0.00
MID___OSWEGATCHIE_HYD 23849	30.85 -0.53 0.00	29.11 -0.35 0.00	28.14 -0.37 0.00	28.66 -0.32 0.00	29.05 -0.26 0.00	30.32 -0.49 0.00	32.43 -0.73 0.00	33.27 -0.61 0.00	34.29 -0.66 0.00	33.82 -0.65 0.00	33.32 -0.78 0.00	32.61 -0.80 0.00	29.75 -0.83 0.00	28.89 -0.65 0.00	29.18 -0.63 0.00	30.44 -0.78 0.00	33.99 -0.55 0.00	39.42 -0.85 0.00	37.68 -0.81 0.00	37.11 -0.80 0.00	36.28 -0.59 0.00	34.38 -0.59 0.00	33.54 -0.68 0.00	33.16 -0.50 0.00
MID___RAQUETTE_HYD 23851	31.14 -0.25 0.00	29.49 0.03 0.00	28.54 0.03 0.00	29.04 0.06 0.00	29.43 0.12 0.00	30.54 -0.28 0.00	32.56 -0.60 0.00	33.44 -0.44 0.00	34.53 -0.42 0.00	34.06 -0.41 0.00	33.59 -0.51 0.00	32.88 -0.53 0.00	30.02 -0.55 0.00	29.19 -0.35 0.00	29.48 -0.33 0.00	30.66 -0.56 0.00	34.16 -0.38 0.00	39.38 -0.89 0.00	37.45 -1.04 0.00	37.03 -0.87 0.00	36.43 -0.44 0.00	34.48 -0.49 0.00	33.68 -0.55 0.00	33.46 -0.20 0.00

MILLIKEN___1 23584	32.08 0.69 0.00	30.05 0.59 0.00	29.03 0.51 0.00	29.56 0.58 0.00	29.96 0.64 0.00	31.56 0.74 0.00	33.95 0.80 0.00	34.43 0.54 0.00	35.44 0.49 0.00	34.92 0.45 0.00	34.48 0.38 0.00	33.71 0.30 0.00	30.79 0.21 0.00	29.72 0.18 0.00	29.99 0.18 0.00	31.51 0.28 0.00	34.92 0.38 0.00	40.95 0.68 0.00	39.26 0.77 0.00	38.51 0.61 0.00	37.35 0.48 0.00	35.43 0.45 0.00	34.60 0.38 0.00	34.13 0.47 0.00
MILLIKEN___2 23585	32.08 0.69 0.00	30.05 0.59 0.00	29.03 0.51 0.00	29.56 0.58 0.00	29.96 0.64 0.00	31.56 0.74 0.00	33.95 0.80 0.00	34.43 0.54 0.00	35.44 0.49 0.00	34.92 0.45 0.00	34.48 0.38 0.00	33.71 0.30 0.00	30.79 0.21 0.00	29.72 0.18 0.00	29.99 0.18 0.00	31.51 0.28 0.00	34.92 0.38 0.00	40.95 0.68 0.00	39.26 0.77 0.00	38.51 0.61 0.00	37.35 0.48 0.00	35.43 0.45 0.00	34.60 0.38 0.00	34.13 0.47 0.00
MILLIKEN___DIESEL 23629	32.08 0.69 0.00	30.05 0.59 0.00	29.03 0.51 0.00	29.56 0.58 0.00	29.96 0.64 0.00	31.56 0.74 0.00	33.95 0.80 0.00	34.43 0.54 0.00	35.44 0.49 0.00	34.92 0.45 0.00	34.48 0.38 0.00	33.71 0.30 0.00	30.79 0.21 0.00	29.72 0.18 0.00	29.99 0.18 0.00	31.51 0.28 0.00	34.92 0.38 0.00	40.95 0.68 0.00	39.26 0.77 0.00	38.51 0.61 0.00	37.35 0.48 0.00	35.43 0.45 0.00	34.60 0.38 0.00	34.13 0.47 0.00
MILLSEAT___LFGE 323607	30.51 -0.88 0.00	28.67 -0.79 0.00	27.54 -0.97 0.00	28.17 -0.81 0.00	28.67 -0.64 0.00	30.17 -0.65 0.00	32.16 -0.99 0.00	31.95 -1.93 0.00	32.44 -2.52 0.00	32.13 -2.35 0.00	31.88 -2.22 0.00	30.94 -2.47 0.00	28.80 -1.77 0.00	27.77 -1.77 0.00	27.90 -1.91 0.00	29.16 -2.06 0.00	31.64 -2.90 0.00	37.17 -3.10 0.00	35.91 -2.58 0.00	34.60 -3.30 0.00	33.59 -3.28 0.00	32.21 -2.76 0.00	31.28 -2.94 0.00	31.51 -2.15 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.52 1.13 0.00	30.49 1.03 0.00	29.57 1.05 0.00	30.00 1.01 0.00	30.28 0.97 0.00	31.90 1.08 0.00	34.48 1.33 0.00	35.48 1.59 0.00	36.74 1.78 0.00	36.20 1.72 0.00	35.84 1.74 0.00	35.15 1.74 0.00	32.26 1.68 0.00	31.14 1.60 0.00	31.42 1.61 0.00	32.94 1.72 0.00	36.37 1.83 0.00	42.97 2.70 0.00	41.22 2.73 0.00	40.44 2.54 0.00	38.90 2.03 0.00	36.89 1.92 0.00	36.11 1.88 0.00	35.34 1.68 0.00
MILLWOOD_13_KV_LOAD 356217	32.58 1.19 0.00	30.55 1.09 0.00	29.63 1.11 0.00	30.06 1.07 0.00	30.34 1.03 0.00	31.93 1.11 0.00	34.52 1.36 0.00	35.54 1.66 0.00	36.84 1.89 0.00	36.26 1.79 0.00	35.94 1.84 0.00	35.22 1.80 0.00	32.29 1.71 0.00	31.16 1.62 0.00	31.48 1.67 0.00	33.00 1.78 0.00	36.44 1.90 0.00	43.09 2.82 0.00	41.34 2.85 0.00	40.52 2.62 0.00	38.97 2.10 0.00	36.96 1.99 0.00	36.18 1.95 0.00	35.41 1.75 0.00
MODEL_CITY_ENERGY 24167	29.63 -1.76 0.00	27.90 -1.56 0.00	26.80 -1.71 0.00	27.42 -1.57 0.00	27.85 -1.46 0.00	29.31 -1.51 0.00	31.20 -1.96 0.00	30.87 -3.02 0.00	31.28 -3.67 0.00	30.99 -3.48 0.00	30.83 -3.27 0.00	29.90 -3.51 0.00	27.91 -2.66 0.00	26.94 -2.60 0.00	27.07 -2.74 0.00	28.29 -2.94 0.00	30.50 -4.04 0.00	35.72 -4.55 0.00	34.56 -3.93 0.00	33.28 -4.63 0.00	32.30 -4.57 0.00	31.02 -3.95 0.00	30.15 -4.07 0.00	30.46 -3.20 0.00
MODERN_LFGE___ 323580	29.63 -1.76 0.00	27.90 -1.56 0.00	26.80 -1.71 0.00	27.42 -1.57 0.00	27.85 -1.46 0.00	29.31 -1.51 0.00	31.20 -1.96 0.00	30.87 -3.02 0.00	31.28 -3.67 0.00	30.99 -3.48 0.00	30.83 -3.27 0.00	29.90 -3.51 0.00	27.91 -2.66 0.00	26.94 -2.60 0.00	27.07 -2.74 0.00	28.29 -2.94 0.00	30.50 -4.04 0.00	35.72 -4.55 0.00	34.56 -3.93 0.00	33.28 -4.63 0.00	32.30 -4.57 0.00	31.02 -3.95 0.00	30.15 -4.07 0.00	30.46 -3.20 0.00
MOHAWK_PAPER___DRP 24187	32.11 0.72 0.00	30.11 0.65 0.00	29.17 0.66 0.00	29.65 0.67 0.00	29.96 0.64 0.00	31.53 0.71 0.00	33.99 0.83 0.00	34.80 0.91 0.00	35.97 1.01 0.00	35.44 0.97 0.00	35.09 0.99 0.00	34.35 0.94 0.00	31.40 0.83 0.00	30.31 0.77 0.00	30.61 0.80 0.00	32.16 0.94 0.00	35.58 1.04 0.00	41.84 1.57 0.00	40.10 1.62 0.00	39.30 1.40 0.00	37.97 1.11 0.00	36.02 1.05 0.00	35.32 1.10 0.00	34.67 1.01 0.00
MOHICAN__35_KV_115KV_LD 80490	32.86 1.48 0.00	30.82 1.36 0.00	29.83 1.31 0.00	30.35 1.36 0.00	30.72 1.41 0.00	32.36 1.54 0.00	34.88 1.72 0.00	35.78 1.90 0.00	37.02 2.06 0.00	36.47 2.00 0.00	36.01 1.91 0.00	35.18 1.77 0.00	31.98 1.41 0.00	30.84 1.30 0.00	31.18 1.37 0.00	32.82 1.59 0.00	36.51 1.97 0.00	43.05 2.78 0.00	41.34 2.85 0.00	40.40 2.50 0.00	38.97 2.10 0.00	36.93 1.96 0.00	36.18 1.95 0.00	35.51 1.85 0.00
MONGAUP___HYD 23641	32.36 0.97 0.00	30.29 0.82 0.00	29.34 0.83 0.00	29.79 0.81 0.00	30.01 0.70 0.00	31.62 0.80 0.00	34.19 1.03 0.00	34.83 0.95 0.00	36.04 1.08 0.00	35.44 0.96 0.00	35.02 0.92 0.00	34.41 1.00 0.00	31.37 0.79 0.00	30.31 0.77 0.00	30.64 0.83 0.00	32.16 0.94 0.00	35.68 1.14 0.00	41.68 1.41 0.00	39.95 1.46 0.00	39.61 1.71 0.00	38.16 1.29 0.00	36.23 1.26 0.00	35.56 1.33 0.00	34.87 1.21 0.00
MONTAUK___DIESEL 23721	36.26 3.42 -1.45	34.30 3.27 -1.56	32.48 3.22 -0.74	34.37 3.25 -2.14	35.78 3.22 -3.25	36.39 3.51 -2.06	37.04 3.88 0.00	42.13 4.30 -3.94	42.11 4.47 -2.68	42.72 4.34 -3.91	42.74 4.50 -4.13	40.61 4.21 -2.99	39.88 3.88 -5.43	39.83 3.75 -6.53	39.48 3.79 -5.89	40.65 4.06 -5.37	44.70 4.63 -5.52	54.88 6.00 -8.61	56.00 5.89 -11.63	55.29 5.84 -11.55	50.95 5.12 -8.95	44.61 4.79 -4.85	43.09 4.62 -4.25	40.83 4.24 -2.92
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.67 0.28 0.00	29.84 0.38 0.00	28.66 0.14 0.00	29.33 0.35 0.00	29.78 0.47 0.00	31.31 0.49 0.00	33.62 0.46 0.00	33.17 -0.71 0.00	33.70 -1.26 0.00	33.47 -1.00 0.00	33.15 -0.95 0.00	32.74 -0.67 0.00	30.12 -0.46 0.00	29.01 -0.53 0.00	29.12 -0.69 0.00	30.29 -0.94 0.00	32.78 -1.76 0.00	38.46 -1.81 0.00	37.06 -1.42 0.00	35.97 -1.93 0.00	34.88 -1.99 0.00	33.19 -1.78 0.00	32.34 -1.88 0.00	32.75 -0.91 0.00
MORTIMER_115KV_TB3 55949	30.54 -0.85 0.00	28.64 -0.82 0.00	27.57 -0.94 0.00	28.17 -0.81 0.00	28.61 -0.70 0.00	30.08 -0.74 0.00	32.23 -0.93 0.00	32.29 -1.59 0.00	33.00 -1.96 0.00	32.71 -1.76 0.00	32.33 -1.77 0.00	31.91 -1.50 0.00	29.23 -1.35 0.00	28.15 -1.39 0.00	28.35 -1.46 0.00	29.60 -1.62 0.00	32.40 -2.14 0.00	37.85 -2.42 0.00	36.33 -2.16 0.00	35.51 -2.39 0.00	34.47 -2.40 0.00	32.70 -2.27 0.00	31.93 -2.29 0.00	31.94 -1.72 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.11 1.13 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.53 1.96 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.65 2.11 0.00	43.33 3.06 0.00	41.58 3.08 -0.02	40.80 2.88 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.41 2.19 0.00	35.68 2.02 0.00

MUNSVILLE_WIND_PWR 323609	34.27 2.89 0.00	32.08 2.62 0.00	31.02 2.51 0.00	31.65 2.66 0.00	32.18 2.87 0.00	33.87 3.05 0.00	36.44 3.28 0.00	37.10 3.22 0.00	37.99 3.04 0.00	37.47 3.00 0.00	36.83 2.73 0.00	35.75 2.34 0.00	32.47 1.90 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.44 2.22 0.00	37.55 3.00 0.00	44.30 4.03 0.00	42.80 4.31 0.00	41.69 3.79 0.00	40.52 3.65 0.00	38.36 3.39 0.00	37.34 3.11 0.00	36.72 3.06 0.00
N SALMON___HYD 24042	32.61 1.22 0.00	30.79 1.33 0.00	29.77 1.25 0.00	30.35 1.36 0.00	30.72 1.41 0.00	32.17 1.35 0.00	34.22 1.06 0.00	35.14 1.25 0.00	36.32 1.36 0.00	35.81 1.34 0.00	35.33 1.23 0.00	34.61 1.20 0.00	31.74 1.16 0.00	30.51 0.97 0.00	30.79 0.98 0.00	32.22 1.00 0.00	35.82 1.28 0.00	41.32 1.05 0.00	39.26 0.77 0.00	38.73 0.83 0.00	38.08 1.21 0.00	35.99 1.01 0.00	35.11 0.89 0.00	34.94 1.28 0.00
N.AKRON__115KV_KNAPP 355671	30.51 -0.88 0.00	28.67 -0.80 0.00	27.54 -0.97 0.00	28.17 -0.81 0.00	28.67 -0.64 0.00	30.11 -0.71 0.00	32.16 -0.99 0.00	31.78 -2.10 0.00	32.26 -2.69 0.00	32.06 -2.41 0.00	31.68 -2.42 0.00	31.41 -2.00 0.00	28.83 -1.74 0.00	27.77 -1.77 0.00	27.90 -1.91 0.00	29.04 -2.19 0.00	31.50 -3.04 0.00	36.81 -3.46 0.00	35.41 -3.08 0.00	34.45 -3.45 0.00	33.44 -3.43 0.00	31.72 -3.25 0.00	30.94 -3.29 0.00	31.40 -2.26 0.00
N.BELMOR_69_KV_BK1 55787	34.72 1.88 -1.45	32.73 1.71 -1.56	30.97 1.71 -0.74	32.81 1.68 -2.14	34.23 1.67 -3.25	34.69 1.82 -2.06	35.25 2.09 0.00	40.23 2.41 -3.94	40.26 2.62 -2.68	40.93 2.55 -3.91	40.83 2.59 -4.13	38.94 2.54 -2.99	38.41 2.42 -5.43	38.41 2.33 -6.53	38.05 2.35 -5.89	39.09 2.50 -5.37	42.80 2.73 -5.52	52.63 3.75 -8.61	53.89 3.77 -11.63	52.98 3.52 -11.55	48.77 2.95 -8.95	42.62 2.80 -4.85	41.21 2.74 -4.25	39.11 2.52 -2.92
N.E_GEN_SANDY PD 24062	32.42 1.03 0.00	32.68 0.97 -2.25	31.83 1.00 -2.32	29.97 0.99 0.00	30.25 0.94 0.00	31.83 1.02 0.00	35.04 1.23 -0.65	38.19 1.36 -2.95	38.20 1.47 -1.78	38.82 1.45 -2.90	41.52 1.47 -5.95	40.00 1.50 -5.08	37.41 1.34 -5.49	37.41 1.30 -6.57	37.15 1.34 -6.00	39.12 1.41 -6.49	43.04 1.52 -6.98	49.00 2.17 -6.56	49.00 2.15 -8.36	47.00 1.97 -7.13	49.06 1.62 -10.57	47.60 1.50 -11.13	42.80 1.58 -7.00	40.95 1.48 -5.81
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.42 1.04 0.00	30.40 0.94 0.00	29.48 0.97 0.00	29.91 0.93 0.00	30.19 0.88 0.00	31.80 0.99 0.00	34.38 1.23 0.00	35.34 1.46 0.00	36.60 1.64 0.00	36.02 1.55 0.00	35.67 1.57 0.00	34.98 1.57 0.00	32.07 1.50 0.00	30.99 1.45 0.00	31.27 1.46 0.00	32.79 1.56 0.00	36.20 1.66 0.00	42.77 2.50 0.00	41.03 2.54 0.00	40.25 2.35 0.00	38.71 1.84 0.00	36.76 1.78 0.00	35.97 1.75 0.00	35.17 1.51 0.00
N.QUEENS_27_KV_LOAD 356247	32.70 1.32 0.00	30.52 1.06 0.00	29.65 1.14 0.00	30.00 1.01 0.00	30.37 1.06 0.00	31.93 1.11 0.00	34.48 1.33 0.00	35.54 1.66 0.00	36.74 1.78 0.00	36.23 1.76 0.00	35.91 1.81 0.00	35.22 1.80 0.00	32.50 1.93 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.25 2.03 0.00	36.65 2.11 0.00	43.33 3.06 0.00	41.58 3.08 -0.02	40.80 2.88 -0.02	39.12 2.25 0.00	37.31 2.34 0.00	36.52 2.29 0.00	35.78 2.12 0.00
N.TROY___115KV_TB1 355778	32.33 0.94 0.00	30.35 0.88 0.00	29.40 0.88 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.77 0.96 0.00	34.25 1.09 0.00	35.10 1.22 0.00	36.25 1.29 0.00	35.71 1.24 0.00	35.36 1.26 0.00	34.62 1.20 0.00	31.64 1.07 0.00	30.57 1.03 0.00	30.85 1.04 0.00	32.38 1.16 0.00	35.86 1.31 0.00	42.16 1.89 0.00	40.41 1.92 0.00	39.61 1.71 0.00	38.27 1.40 0.00	36.30 1.33 0.00	35.59 1.37 0.00	34.94 1.28 0.00
NARROWS_GT1_1 24228	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT1_2 24229	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT1_3 24230	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT1_4 24231	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT1_5 24232	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT1_6 24233	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT1_7 24234	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39

NARROWS_GT1_8 24235	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT2_1 24236	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT2_2 24237	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT2_3 24238	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT2_4 24239	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT2_5 24240	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT2_6 24241	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT2_7 24242	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NARROWS_GT2_8 24243	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.61 1.22 0.00	30.58 1.12 0.00	29.54 1.03 0.00	30.06 1.07 0.00	30.31 1.00 0.00	31.93 1.11 0.00	34.42 1.26 0.00	34.93 1.05 0.00	36.11 1.15 0.00	35.47 1.00 0.00	34.99 0.89 0.00	34.25 0.84 0.00	31.15 0.58 0.00	30.04 0.50 0.00	30.37 0.57 0.00	32.04 0.81 0.00	35.65 1.11 0.00	41.92 1.65 0.00	40.26 1.77 0.00	39.45 1.55 0.00	38.09 1.22 0.00	36.13 1.15 0.00	35.49 1.27 0.00	34.91 1.25 0.00
NCHELSEA_115KV_TR2 355582	32.74 1.35 0.00	30.67 1.21 0.00	29.71 1.20 0.00	30.17 1.19 0.00	30.42 1.11 0.00	32.05 1.23 0.00	34.62 1.46 0.00	35.41 1.52 0.00	36.70 1.75 0.00	36.09 1.62 0.00	35.70 1.60 0.00	35.02 1.60 0.00	32.04 1.47 0.00	30.93 1.39 0.00	31.24 1.43 0.00	32.79 1.56 0.00	36.31 1.76 0.00	42.85 2.58 0.00	41.07 2.58 0.00	40.33 2.43 0.00	38.79 1.92 0.00	36.82 1.85 0.00	36.07 1.85 0.00	35.34 1.68 0.00
NEG CAPITAL___MECHNVIL 23645	32.70 1.32 0.00	30.70 1.24 0.00	29.71 1.20 0.00	30.20 1.22 0.00	30.54 1.23 0.00	32.17 1.35 0.00	34.68 1.53 0.00	35.31 1.42 0.00	36.49 1.54 0.00	35.95 1.48 0.00	35.53 1.43 0.00	34.78 1.37 0.00	31.67 1.10 0.00	30.60 1.06 0.00	30.91 1.10 0.00	32.47 1.25 0.00	36.03 1.48 0.00	42.40 2.13 0.00	40.68 2.19 0.00	39.83 1.93 0.00	38.49 1.62 0.00	36.47 1.50 0.00	35.73 1.50 0.00	35.07 1.41 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.10 -1.29 0.00	28.23 -1.24 0.00	27.23 -1.28 0.00	27.77 -1.22 0.00	28.20 -1.11 0.00	29.68 -1.14 0.00	31.83 -1.33 0.00	32.09 -1.80 0.00	32.86 -2.10 0.00	32.47 -2.00 0.00	32.16 -1.94 0.00	31.34 -2.07 0.00	28.86 -1.71 0.00	27.83 -1.71 0.00	28.02 -1.79 0.00	29.35 -1.87 0.00	32.26 -2.28 0.00	37.81 -2.46 0.00	36.33 -2.15 0.00	35.40 -2.50 0.00	34.36 -2.51 0.00	32.77 -2.20 0.00	31.93 -2.29 0.00	31.67 -1.99 0.00
NEG CENTRAL___DRP 24199	31.57 0.19 0.00	29.55 0.09 0.00	28.54 0.03 0.00	29.07 0.09 0.00	29.49 0.18 0.00	31.06 0.25 0.00	33.42 0.27 0.00	33.78 -0.10 0.00	34.71 -0.24 0.00	34.23 -0.24 0.00	33.83 -0.27 0.00	33.15 -0.27 0.00	30.30 -0.28 0.00	29.22 -0.32 0.00	29.45 -0.36 0.00	30.91 -0.31 0.00	34.16 -0.38 0.00	39.95 -0.32 0.00	38.33 -0.15 0.00	37.60 -0.30 0.00	36.50 -0.37 0.00	34.66 -0.31 0.00	33.81 -0.41 0.00	33.46 -0.20 0.00
NEG CENTRAL___INDECK 23768	32.61 1.22 0.00	30.52 1.06 0.00	29.43 0.91 0.00	30.02 1.04 0.00	30.54 1.23 0.00	32.21 1.39 0.00	34.61 1.46 0.00	34.87 0.98 0.00	35.58 0.63 0.00	35.02 0.55 0.00	34.61 0.51 0.00	33.65 0.24 0.00	30.85 0.27 0.00	29.75 0.21 0.00	30.02 0.21 0.00	31.57 0.34 0.00	34.89 0.35 0.00	41.12 0.85 0.00	39.56 1.08 0.00	38.47 0.57 0.00	37.38 0.52 0.00	35.63 0.66 0.00	34.60 0.38 0.00	34.33 0.67 0.00



NEG CENTRAL___SENECA 23627	31.89 0.50 0.00	29.87 0.41 0.00	28.83 0.31 0.00	29.39 0.41 0.00	29.81 0.50 0.00	31.40 0.59 0.00	33.82 0.66 0.00	34.05 0.17 0.00	34.95 0.00 0.00	34.47 0.00 0.00	34.07 -0.03 0.00	33.38 -0.03 0.00	30.51 -0.06 0.00	29.42 -0.12 0.00	29.66 -0.15 0.00	31.10 -0.12 0.00	34.37 -0.17 0.00	40.15 -0.12 0.00	38.56 0.08 0.00	37.79 -0.11 0.00	36.68 -0.18 0.00	34.90 -0.07 0.00	34.02 -0.21 0.00	33.73 0.07 0.00
NEG CENTRAL___STATE_STREET 24147	31.42 0.03 0.00	29.43 -0.03 0.00	28.46 -0.06 0.00	28.95 -0.03 0.00	29.34 0.03 0.00	30.91 0.09 0.00	33.26 0.10 0.00	33.71 -0.17 0.00	34.71 -0.24 0.00	34.23 -0.24 0.00	33.86 -0.24 0.00	33.15 -0.27 0.00	30.27 -0.31 0.00	29.22 -0.32 0.00	29.45 -0.36 0.00	30.91 -0.31 0.00	34.20 -0.35 0.00	40.03 -0.24 0.00	38.37 -0.12 0.00	37.67 -0.23 0.00	36.54 -0.33 0.00	34.66 -0.31 0.00	33.85 -0.38 0.00	33.39 -0.27 0.00
NEG MILLWOOD___DRP 24198	32.86 1.48 0.00	30.79 1.33 0.00	29.85 1.34 0.00	30.35 1.36 0.00	30.51 1.20 0.00	32.14 1.33 0.00	34.68 1.53 0.00	35.68 1.80 0.00	37.02 2.06 0.00	36.44 1.96 0.00	36.01 1.91 0.00	35.28 1.87 0.00	32.29 1.71 0.00	31.14 1.60 0.00	31.45 1.64 0.00	33.00 1.78 0.00	36.55 2.00 0.00	43.21 2.94 0.00	41.41 2.93 0.00	40.63 2.73 0.00	39.12 2.25 0.00	37.10 2.13 0.00	36.28 2.05 0.00	35.55 1.88 0.00
NEG NORTH_FLCN_SEA 23793	33.08 1.69 0.00	31.23 1.77 0.00	30.17 1.65 0.00	30.78 1.80 0.00	31.16 1.85 0.00	32.67 1.85 0.00	34.45 1.29 0.00	35.37 1.49 0.00	36.53 1.57 0.00	36.02 1.55 0.00	35.57 1.47 0.00	34.85 1.44 0.00	31.83 1.25 0.00	30.66 1.12 0.00	30.94 1.13 0.00	32.38 1.16 0.00	35.96 1.42 0.00	41.48 1.21 0.00	39.37 0.89 0.00	38.77 0.87 0.00	38.16 1.29 0.00	36.06 1.08 0.00	35.22 0.99 0.00	35.34 1.68 0.00
NEG NORTH_KES_CHATEGAY 23792	32.64 1.26 0.00	30.79 1.33 0.00	29.77 1.25 0.00	30.35 1.36 0.00	30.69 1.38 0.00	32.20 1.39 0.00	34.22 1.06 0.00	35.14 1.25 0.00	36.28 1.33 0.00	35.78 1.31 0.00	35.33 1.23 0.00	34.58 1.17 0.00	31.61 1.04 0.00	30.51 0.97 0.00	30.79 0.98 0.00	32.22 1.00 0.00	35.79 1.24 0.00	41.24 0.97 0.00	39.18 0.69 0.00	38.62 0.72 0.00	37.97 1.11 0.00	35.92 0.94 0.00	35.08 0.86 0.00	34.94 1.28 0.00
NEG NORTH___ALICE_FALLS 23915	33.14 1.76 0.00	31.29 1.83 0.00	30.22 1.71 0.00	30.84 1.85 0.00	31.22 1.91 0.00	32.76 1.94 0.00	34.65 1.49 0.00	35.58 1.69 0.00	36.74 1.78 0.00	36.26 1.79 0.00	35.77 1.67 0.00	35.05 1.64 0.00	31.98 1.41 0.00	30.84 1.30 0.00	31.12 1.31 0.00	32.57 1.34 0.00	36.20 1.66 0.00	41.76 1.49 0.00	39.68 1.19 0.00	39.04 1.14 0.00	38.42 1.55 0.00	36.27 1.29 0.00	35.42 1.20 0.00	35.41 1.75 0.00
NEG NORTH___LWR_SARANAC 23913	33.14 1.76 0.00	31.29 1.83 0.00	30.22 1.71 0.00	30.84 1.85 0.00	31.22 1.91 0.00	32.76 1.94 0.00	34.65 1.49 0.00	35.58 1.69 0.00	36.74 1.78 0.00	36.26 1.79 0.00	35.77 1.67 0.00	35.05 1.64 0.00	31.98 1.41 0.00	30.84 1.30 0.00	31.12 1.31 0.00	32.57 1.34 0.00	36.20 1.66 0.00	41.76 1.49 0.00	39.68 1.19 0.00	39.04 1.14 0.00	38.42 1.55 0.00	36.27 1.29 0.00	35.42 1.20 0.00	35.41 1.75 0.00
NEG NORTH___PLATTSBURG 23628	33.14 1.76 0.00	31.29 1.83 0.00	30.22 1.71 0.00	30.84 1.86 0.00	31.21 1.90 0.00	32.76 1.94 0.00	34.65 1.49 0.00	35.58 1.69 0.00	36.74 1.78 0.00	36.26 1.79 0.00	35.77 1.67 0.00	35.02 1.60 0.00	32.07 1.50 0.00	30.84 1.30 0.00	31.12 1.31 0.00	32.57 1.34 0.00	36.20 1.66 0.00	41.76 1.49 0.00	39.68 1.19 0.00	39.08 1.18 0.00	38.42 1.55 0.00	36.30 1.33 0.00	35.42 1.20 0.00	35.41 1.75 0.00
NEG WEST_LEA_LOCKPORT 23791	29.94 -1.44 0.00	28.20 -1.27 0.00	27.09 -1.43 0.00	27.71 -1.28 0.00	28.17 -1.14 0.00	29.59 -1.23 0.00	31.57 -1.59 0.00	31.04 -2.85 0.00	31.49 -3.46 0.00	31.33 -3.14 0.00	31.00 -3.10 0.00	30.77 -2.64 0.00	28.28 -2.29 0.00	27.24 -2.30 0.00	27.36 -2.44 0.00	28.48 -2.75 0.00	30.74 -3.80 0.00	35.84 -4.43 0.00	34.52 -3.96 0.00	33.54 -4.36 0.00	32.56 -4.31 0.00	30.88 -4.09 0.00	30.19 -4.04 0.00	30.77 -2.89 0.00
NEG WEST___LANCASTR 23811	31.57 0.19 0.00	29.76 0.29 0.00	28.57 0.06 0.00	29.21 0.23 0.00	29.69 0.38 0.00	31.19 0.37 0.00	33.46 0.30 0.00	32.97 -0.91 0.00	33.52 -1.43 0.00	33.27 -1.21 0.00	32.94 -1.16 0.00	32.51 -0.90 0.00	29.93 -0.64 0.00	28.86 -0.68 0.00	29.00 -0.80 0.00	30.16 -1.06 0.00	32.64 -1.90 0.00	38.26 -2.01 0.00	36.83 -1.65 0.00	35.78 -2.12 0.00	34.73 -2.14 0.00	33.05 -1.92 0.00	32.21 -2.02 0.00	32.62 -1.04 0.00
NEG_PENN_ALLEGHNY 23528	31.79 0.41 0.00	29.82 0.35 0.00	28.83 0.31 0.00	29.33 0.35 0.00	29.69 0.38 0.00	31.28 0.46 0.00	33.66 0.50 0.00	34.12 0.24 0.00	35.09 0.14 0.00	34.61 0.14 0.00	34.24 0.14 0.00	33.48 0.07 0.00	30.64 0.06 0.00	29.63 0.09 0.00	29.87 0.06 0.00	31.32 0.09 0.00	34.58 0.03 0.00	40.55 0.28 0.00	38.95 0.46 0.00	38.09 0.19 0.00	36.94 0.07 0.00	35.11 0.14 0.00	34.26 0.03 0.00	33.83 0.17 0.00
NEG___GEN_MONROE 24207	30.48 -0.91 0.00	28.61 -0.85 0.00	27.57 -0.94 0.00	28.17 -0.81 0.00	28.64 -0.67 0.00	30.17 -0.65 0.00	32.30 -0.86 0.00	32.22 -1.66 0.00	32.93 -2.03 0.00	32.71 -1.76 0.00	32.33 -1.77 0.00	31.94 -1.47 0.00	29.23 -1.35 0.00	28.15 -1.39 0.00	28.29 -1.52 0.00	29.54 -1.69 0.00	32.30 -2.25 0.00	37.73 -2.54 0.00	36.25 -2.23 0.00	35.32 -2.58 0.00	34.29 -2.58 0.00	32.52 -2.45 0.00	31.73 -2.50 0.00	31.88 -1.78 0.00
NEPA___ENERGY 23901	30.98 -0.41 0.00	29.20 -0.27 0.00	28.06 -0.46 0.00	28.66 -0.32 0.00	29.13 -0.18 0.00	30.60 -0.22 0.00	32.86 -0.30 0.00	32.49 -1.39 0.00	33.00 -1.96 0.00	32.75 -1.72 0.00	32.43 -1.67 0.00	32.01 -1.40 0.00	29.47 -1.10 0.00	28.45 -1.09 0.00	28.59 -1.22 0.00	29.73 -1.50 0.00	32.16 -2.38 0.00	37.69 -2.58 0.00	36.25 -2.23 0.00	35.25 -2.65 0.00	34.21 -2.65 0.00	32.56 -2.41 0.00	31.76 -2.46 0.00	32.01 -1.65 0.00
NEVERSINK___HYD 23608	32.26 0.88 0.00	30.23 0.76 0.00	29.28 0.77 0.00	29.74 0.75 0.00	29.99 0.67 0.00	31.56 0.74 0.00	34.12 0.96 0.00	34.83 0.95 0.00	36.04 1.08 0.00	35.47 1.00 0.00	35.02 0.92 0.00	34.45 1.04 0.00	31.37 0.79 0.00	30.31 0.77 0.00	30.61 0.81 0.00	32.16 0.94 0.00	35.68 1.14 0.00	42.08 1.81 0.00	40.37 1.89 0.00	39.65 1.74 0.00	38.19 1.33 0.00	36.19 1.22 0.00	35.49 1.27 0.00	34.81 1.15 0.00
NEWKRMKL_115KV_TB1 55635	31.73 0.35 0.00	29.79 0.32 0.00	28.86 0.34 0.00	29.30 0.32 0.00	29.60 0.29 0.00	31.16 0.34 0.00	33.59 0.43 0.00	34.39 0.51 0.00	35.55 0.59 0.00	35.02 0.55 0.00	34.68 0.58 0.00	33.95 0.53 0.00	31.06 0.49 0.00	29.98 0.44 0.00	30.28 0.48 0.00	31.79 0.56 0.00	35.20 0.66 0.00	41.36 1.09 0.00	39.64 1.15 0.00	38.89 0.99 0.00	37.57 0.70 0.00	35.60 0.63 0.00	34.94 0.72 0.00	34.27 0.61 0.00

NEWTON___FALLS_HYD 23847	30.85 -0.53 0.00	29.11 -0.35 0.00	28.14 -0.37 0.00	28.66 -0.32 0.00	29.05 -0.26 0.00	30.32 -0.49 0.00	32.43 -0.73 0.00	33.27 -0.61 0.00	34.29 -0.66 0.00	33.82 -0.65 0.00	33.32 -0.78 0.00	32.61 -0.80 0.00	29.75 -0.83 0.00	28.89 -0.65 0.00	29.18 -0.63 0.00	30.44 -0.78 0.00	33.99 -0.55 0.00	39.42 -0.85 0.00	37.68 -0.81 0.00	37.11 -0.80 0.00	36.28 -0.59 0.00	34.38 -0.59 0.00	33.54 -0.68 0.00	33.16 -0.50 0.00
NGRID_A1_DSASP 323792	29.22 -2.17 0.00	27.55 -1.91 0.00	26.43 -2.08 0.00	27.07 -1.91 0.00	27.46 -1.85 0.00	28.91 -1.91 0.00	30.84 -2.32 0.00	30.50 -3.39 0.00	30.90 -4.05 0.00	30.61 -3.86 0.00	30.45 -3.65 0.00	29.57 -3.84 0.00	27.61 -2.97 0.00	26.65 -2.89 0.00	26.80 -3.01 0.00	27.98 -3.25 0.00	30.12 -4.42 0.00	35.28 -4.99 0.00	34.14 -4.35 0.00	32.86 -5.04 0.00	31.89 -4.98 0.00	30.63 -4.34 0.00	29.78 -4.45 0.00	30.13 -3.53 0.00
NGRID_A2_DSASP 323793	29.22 -2.17 0.00	27.55 -1.91 0.00	26.43 -2.08 0.00	27.07 -1.91 0.00	27.46 -1.85 0.00	28.91 -1.91 0.00	30.84 -2.32 0.00	30.50 -3.39 0.00	30.90 -4.05 0.00	30.61 -3.86 0.00	30.45 -3.65 0.00	29.57 -3.84 0.00	27.61 -2.97 0.00	26.65 -2.89 0.00	26.80 -3.01 0.00	27.98 -3.25 0.00	30.12 -4.42 0.00	35.28 -4.99 0.00	34.14 -4.35 0.00	32.86 -5.04 0.00	31.89 -4.98 0.00	30.63 -4.34 0.00	29.78 -4.45 0.00	30.13 -3.53 0.00
NGRID_A4_DSASP 323807	29.22 -2.17 0.00	27.55 -1.91 0.00	26.43 -2.08 0.00	27.07 -1.91 0.00	27.46 -1.85 0.00	28.91 -1.91 0.00	30.84 -2.32 0.00	30.50 -3.39 0.00	30.90 -4.05 0.00	30.61 -3.86 0.00	30.45 -3.65 0.00	29.57 -3.84 0.00	27.61 -2.97 0.00	26.65 -2.89 0.00	26.80 -3.01 0.00	27.98 -3.25 0.00	30.12 -4.42 0.00	35.28 -4.99 0.00	34.14 -4.35 0.00	32.86 -5.04 0.00	31.89 -4.98 0.00	30.63 -4.34 0.00	29.78 -4.45 0.00	30.13 -3.53 0.00
NIAGARA_115E_LBMP 323715	29.44 -1.95 0.00	27.75 -1.71 0.00	26.63 -1.88 0.00	27.27 -1.71 0.00	27.70 -1.61 0.00	29.12 -1.69 0.00	30.97 -2.19 0.00	30.63 -3.25 0.00	31.07 -3.88 0.00	30.78 -3.69 0.00	30.59 -3.51 0.00	29.70 -3.71 0.00	27.70 -2.88 0.00	26.76 -2.78 0.00	26.89 -2.92 0.00	28.10 -3.12 0.00	30.26 -4.28 0.00	35.48 -4.79 0.00	34.33 -4.16 0.00	33.01 -4.89 0.00	32.08 -4.79 0.00	30.81 -4.16 0.00	29.95 -4.28 0.00	30.26 -3.40 0.00
NIAGARA_115W_LBMP 323714	29.16 -2.23 0.00	27.46 -2.00 0.00	26.37 -2.14 0.00	26.98 -2.00 0.00	27.41 -1.90 0.00	28.84 -1.97 0.00	30.77 -2.39 0.00	30.43 -3.46 0.00	30.83 -4.12 0.00	30.54 -3.93 0.00	30.38 -3.72 0.00	29.50 -3.91 0.00	27.52 -3.06 0.00	26.59 -2.95 0.00	26.71 -3.10 0.00	27.91 -3.31 0.00	30.05 -4.49 0.00	35.20 -5.08 0.00	34.02 -4.46 0.00	32.78 -5.12 0.00	31.82 -5.05 0.00	30.56 -4.41 0.00	29.71 -4.52 0.00	30.06 -3.60 0.00
NIAGARA_230_LBMP 323716	29.66 -1.73 0.00	27.93 -1.53 0.00	26.80 -1.71 0.00	27.45 -1.54 0.00	27.87 -1.44 0.00	29.34 -1.48 0.00	31.27 -1.89 0.00	30.97 -2.91 0.00	31.43 -3.53 0.00	31.13 -3.34 0.00	30.93 -3.17 0.00	30.04 -3.37 0.00	28.04 -2.54 0.00	27.06 -2.48 0.00	27.21 -2.59 0.00	28.41 -2.81 0.00	30.64 -3.90 0.00	35.88 -4.39 0.00	34.68 -3.81 0.00	33.43 -4.47 0.00	32.44 -4.43 0.00	31.16 -3.81 0.00	30.29 -3.93 0.00	30.60 -3.06 0.00
NIAGARA___115KV_198_GIBSON 55903	29.16 -2.23 0.00	27.46 -2.00 0.00	26.35 -2.17 0.00	26.98 -2.00 0.00	27.41 -1.91 0.00	28.78 -2.03 0.00	30.77 -2.39 0.00	30.22 -3.66 0.00	30.65 -4.30 0.00	30.51 -3.96 0.00	30.18 -3.92 0.00	30.00 -3.41 0.00	27.58 -3.00 0.00	26.59 -2.95 0.00	26.71 -3.10 0.00	27.76 -3.47 0.00	29.95 -4.59 0.00	34.83 -5.44 0.00	33.52 -4.96 0.00	32.63 -5.27 0.00	31.67 -5.20 0.00	30.04 -4.93 0.00	29.36 -4.86 0.00	29.99 -3.67 0.00
NIAGARA____ 23760	29.66 -1.73 0.00	27.93 -1.53 0.00	26.80 -1.71 0.00	27.45 -1.54 0.00	27.87 -1.44 0.00	29.34 -1.48 0.00	31.27 -1.89 0.00	30.97 -2.91 0.00	31.43 -3.53 0.00	31.13 -3.34 0.00	30.93 -3.17 0.00	30.04 -3.37 0.00	28.04 -2.54 0.00	27.06 -2.48 0.00	27.21 -2.59 0.00	28.41 -2.81 0.00	30.64 -3.90 0.00	35.88 -4.39 0.00	34.68 -3.81 0.00	33.43 -4.47 0.00	32.44 -4.43 0.00	31.16 -3.81 0.00	30.29 -3.93 0.00	30.60 -3.06 0.00
NINE_MILE_1 23575	30.32 -1.07 0.00	28.43 -1.03 0.00	27.49 -1.03 0.00	27.94 -1.04 0.00	28.26 -1.05 0.00	29.74 -1.08 0.00	31.97 -1.19 0.00	32.53 -1.36 0.00	33.52 -1.43 0.00	33.06 -1.41 0.00	32.70 -1.40 0.00	32.01 -1.40 0.00	29.29 -1.28 0.00	28.30 -1.24 0.00	28.56 -1.25 0.00	29.91 -1.31 0.00	33.06 -1.48 0.00	38.66 -1.61 0.00	37.02 -1.46 0.00	36.35 -1.56 0.00	35.28 -1.58 0.00	33.54 -1.44 0.00	32.79 -1.44 0.00	32.28 -1.38 0.00
NINE_MILE_2 23744	30.32 -1.07 0.00	28.43 -1.03 0.00	27.49 -1.03 0.00	27.94 -1.04 0.00	28.26 -1.05 0.00	29.74 -1.08 0.00	31.97 -1.19 0.00	32.53 -1.36 0.00	33.52 -1.43 0.00	33.06 -1.41 0.00	32.70 -1.40 0.00	32.01 -1.40 0.00	29.29 -1.28 0.00	28.30 -1.24 0.00	28.56 -1.25 0.00	29.91 -1.31 0.00	33.09 -1.45 0.00	38.66 -1.61 0.00	37.06 -1.42 0.00	36.35 -1.56 0.00	35.28 -1.58 0.00	33.54 -1.44 0.00	32.79 -1.44 0.00	32.28 -1.38 0.00
NM_CAPITAL___DRP 24208	31.86 0.47 0.00	29.87 0.41 0.00	28.94 0.43 0.00	29.42 0.43 0.00	29.72 0.41 0.00	31.28 0.46 0.00	33.72 0.56 0.00	34.53 0.64 0.00	35.65 0.70 0.00	35.16 0.69 0.00	34.82 0.72 0.00	34.08 0.67 0.00	31.19 0.61 0.00	30.10 0.56 0.00	30.40 0.60 0.00	31.91 0.69 0.00	35.30 0.76 0.00	41.52 1.25 0.00	39.76 1.27 0.00	39.00 1.10 0.00	37.68 0.81 0.00	35.74 0.77 0.00	35.05 0.82 0.00	34.40 0.74 0.00
NM_CENTRAL___DRP 24181	30.98 -0.41 0.00	29.02 -0.44 0.00	28.06 -0.46 0.00	28.55 -0.43 0.00	28.87 -0.44 0.00	30.42 -0.40 0.00	32.66 -0.50 0.00	33.10 -0.78 0.00	34.12 -0.84 0.00	33.64 -0.83 0.00	33.28 -0.82 0.00	32.61 -0.80 0.00	29.81 -0.76 0.00	28.77 -0.77 0.00	29.03 -0.77 0.00	30.44 -0.78 0.00	33.65 -0.90 0.00	39.38 -0.89 0.00	37.72 -0.77 0.00	37.03 -0.87 0.00	35.91 -0.96 0.00	34.10 -0.87 0.00	33.33 -0.89 0.00	32.85 -0.81 0.00
NM_FRONTIER___DRP 24179	29.16 -2.23 0.00	27.46 -2.00 0.00	26.35 -2.17 0.00	26.98 -2.00 0.00	27.41 -1.91 0.00	28.78 -2.03 0.00	30.77 -2.39 0.00	30.22 -3.66 0.00	30.65 -4.30 0.00	30.51 -3.96 0.00	30.18 -3.92 0.00	30.00 -3.41 0.00	27.58 -3.00 0.00	26.59 -2.95 0.00	26.71 -3.10 0.00	27.76 -3.47 0.00	29.95 -4.59 0.00	34.83 -5.44 0.00	33.52 -4.96 0.00	32.63 -5.27 0.00	31.67 -5.20 0.00	30.04 -4.93 0.00	29.36 -4.86 0.00	29.99 -3.67 0.00
NM_ST_REGIS___HYD 24053	31.54 0.16 0.00	29.84 0.38 0.00	28.86 0.34 0.00	29.39 0.41 0.00	29.75 0.44 0.00	30.97 0.15 0.00	32.99 -0.17 0.00	33.88 0.00 0.00	34.99 0.03 0.00	34.51 0.03 0.00	34.00 -0.10 0.00	33.31 -0.10 0.00	30.42 -0.15 0.00	29.51 -0.03 0.00	29.81 0.00 0.00	31.04 -0.19 0.00	34.58 0.03 0.00	39.83 -0.44 0.00	37.87 -0.62 0.00	37.41 -0.49 0.00	36.83 -0.04 0.00	34.83 -0.14 0.00	34.02 -0.21 0.00	33.79 0.13 0.00

NORTHPORT___1 23551	34.87 2.04 -1.45	32.91 1.89 -1.56	31.19 1.94 -0.74	32.98 1.86 -2.14	34.40 1.85 -3.25	34.88 2.00 -2.06	35.44 2.29 0.00	40.47 2.64 -3.94	40.47 2.83 -2.68	41.17 2.79 -3.91	41.13 2.90 -4.13	39.37 2.97 -2.99	38.66 2.66 -5.43	38.67 2.60 -6.53	38.32 2.62 -5.89	39.34 2.75 -5.37	43.11 3.04 -5.52	52.95 4.07 -8.61	54.08 3.97 -11.63	53.24 3.79 -11.55	49.21 3.39 -8.95	42.97 3.15 -4.85	41.55 3.08 -4.25	39.48 2.90 -2.92
NORTHPORT___2 23552	34.87 2.04 -1.45	32.91 1.89 -1.56	31.19 1.94 -0.74	32.98 1.86 -2.14	34.40 1.85 -3.25	34.88 2.00 -2.06	35.44 2.29 0.00	40.47 2.64 -3.94	40.47 2.83 -2.68	41.17 2.79 -3.91	41.13 2.90 -4.13	39.37 2.97 -2.99	38.66 2.66 -5.43	38.67 2.60 -6.53	38.32 2.62 -5.89	39.34 2.75 -5.37	43.11 3.04 -5.52	52.95 4.07 -8.61	54.08 3.97 -11.63	53.24 3.79 -11.55	49.21 3.39 -8.95	42.97 3.15 -4.85	41.55 3.08 -4.25	39.48 2.90 -2.92
NORTHPORT___3 23553	34.50 1.66 -1.45	32.56 1.53 -1.56	30.79 1.54 -0.74	32.63 1.51 -2.14	34.05 1.49 -3.25	34.48 1.60 -2.06	35.05 1.89 0.00	40.06 2.24 -3.94	40.05 2.41 -2.68	40.69 2.31 -3.91	40.38 2.15 -4.13	38.84 2.44 -2.99	38.23 2.23 -5.43	38.23 2.16 -6.53	37.93 2.24 -5.89	38.84 2.25 -5.37	42.21 2.14 -5.52	51.91 3.02 -8.61	53.12 3.00 -11.63	52.30 2.84 -11.55	48.18 2.36 -8.95	41.95 2.13 -4.85	40.73 2.26 -4.25	38.84 2.26 -2.92
NORTHPORT___4 23650	34.50 1.66 -1.45	32.56 1.53 -1.56	30.79 1.54 -0.74	32.63 1.51 -2.14	34.05 1.49 -3.25	34.48 1.60 -2.06	35.05 1.89 0.00	40.06 2.24 -3.94	40.05 2.41 -2.68	40.69 2.31 -3.91	40.38 2.15 -4.13	38.84 2.44 -2.99	38.23 2.23 -5.43	38.23 2.16 -6.53	37.93 2.24 -5.89	38.84 2.25 -5.37	42.21 2.14 -5.52	51.91 3.02 -8.61	53.12 3.00 -11.63	52.30 2.84 -11.55	48.18 2.36 -8.95	41.95 2.13 -4.85	40.73 2.26 -4.25	38.84 2.26 -2.92
NORTHPORT___IC 23718	34.87 2.04 -1.45	32.91 1.89 -1.56	31.19 1.94 -0.74	32.98 1.86 -2.14	34.40 1.85 -3.25	34.88 2.00 -2.06	35.44 2.29 0.00	40.47 2.64 -3.94	40.47 2.83 -2.68	41.17 2.79 -3.91	41.13 2.90 -4.13	39.37 2.97 -2.99	38.66 2.66 -5.43	38.67 2.60 -6.53	38.32 2.62 -5.89	39.34 2.75 -5.37	43.11 3.04 -5.52	52.95 4.07 -8.61	54.08 3.97 -11.63	53.24 3.79 -11.55	49.21 3.39 -8.95	42.97 3.15 -4.85	41.55 3.08 -4.25	39.48 2.90 -2.92
NORTH___COUNTRY_ESR 323785	32.51 1.13 0.00	30.67 1.21 0.00	29.66 1.14 0.00	30.23 1.25 0.00	30.60 1.29 0.00	32.08 1.26 0.00	34.08 0.93 0.00	35.00 1.12 0.00	36.14 1.19 0.00	35.64 1.17 0.00	35.19 1.09 0.00	34.48 1.07 0.00	31.58 1.01 0.00	30.40 0.86 0.00	30.67 0.86 0.00	32.10 0.87 0.00	35.62 1.07 0.00	41.03 0.76 0.00	38.95 0.46 0.00	38.47 0.57 0.00	37.79 0.92 0.00	35.78 0.80 0.00	34.94 0.72 0.00	34.77 1.11 0.00
NPX_GEN_1385_PROXY 323591	34.87 2.04 -1.45	33.00 1.97 -1.56	31.45 2.20 -0.74	32.98 1.86 -2.14	34.40 1.85 -3.25	34.88 2.00 -2.06	35.44 2.29 0.00	40.47 2.64 -3.94	40.47 2.83 -2.68	41.17 2.79 -3.91	41.54 3.31 -4.13	39.71 3.31 -2.99	39.00 3.00 -5.43	39.00 2.93 -6.53	38.65 2.95 -5.89	40.15 3.09 -5.83	44.03 3.59 -5.89	52.60 4.55 -7.78	54.35 4.23 -11.63	53.43 3.98 -11.55	49.99 4.16 -8.95	43.80 3.99 -4.85	42.20 3.73 -4.25	40.22 3.64 -2.92
NPX_GEN_CSC 323557	35.22 2.38 -1.45	33.35 2.33 -1.56	31.59 2.34 -0.74	33.39 2.26 -2.14	34.87 2.31 -3.25	35.34 2.47 -2.06	35.91 2.75 0.00	40.98 3.15 -3.94	40.99 3.36 -2.68	41.66 3.28 -3.91	41.61 3.38 -4.13	39.74 3.34 -2.99	39.00 3.00 -5.43	39.00 2.93 -6.53	38.68 2.98 -5.89	40.18 3.12 -5.83	43.89 3.45 -5.89	52.44 4.39 -7.78	54.31 4.20 -11.63	53.85 4.39 -11.55	49.62 3.80 -8.95	43.35 3.53 -4.85	41.93 3.46 -4.25	39.78 3.20 -2.92
NSINS_S_GLNS_FALLS 23858	32.83 1.44 0.00	30.79 1.33 0.00	29.80 1.28 0.00	30.32 1.33 0.00	30.69 1.38 0.00	32.33 1.51 0.00	34.85 1.69 0.00	35.75 1.86 0.00	36.98 2.03 0.00	36.44 1.96 0.00	35.98 1.88 0.00	35.15 1.74 0.00	31.95 1.38 0.00	30.84 1.30 0.00	31.15 1.34 0.00	32.79 1.56 0.00	36.48 1.93 0.00	43.01 2.74 0.00	41.30 2.81 0.00	40.36 2.46 0.00	38.93 2.06 0.00	36.89 1.92 0.00	36.14 1.92 0.00	35.48 1.82 0.00
NUCOR_STEEL___DRP 24197	31.42 0.03 0.00	29.43 -0.03 0.00	28.43 -0.09 0.00	28.92 -0.06 0.00	29.31 0.00 0.00	30.88 0.06 0.00	33.22 0.07 0.00	33.65 -0.24 0.00	34.64 -0.31 0.00	34.16 -0.31 0.00	33.79 -0.31 0.00	33.08 -0.33 0.00	30.24 -0.34 0.00	29.16 -0.38 0.00	29.42 -0.39 0.00	30.85 -0.37 0.00	34.13 -0.41 0.00	39.99 -0.28 0.00	38.33 -0.15 0.00	37.60 -0.30 0.00	36.50 -0.37 0.00	34.62 -0.35 0.00	33.81 -0.41 0.00	33.39 -0.27 0.00
NUMBER_THREE_WT_PWR 323818	31.32 -0.06 0.00	29.43 -0.03 0.00	28.48 -0.03 0.00	28.98 0.00 0.00	29.40 0.09 0.00	30.85 0.03 0.00	33.12 -0.03 0.00	33.92 0.03 0.00	34.88 -0.07 0.00	34.44 -0.03 0.00	33.93 -0.17 0.00	33.14 -0.27 0.00	30.30 -0.28 0.00	29.33 -0.21 0.00	29.60 -0.21 0.00	31.01 -0.22 0.00	34.61 0.07 0.00	40.43 0.16 0.00	38.76 0.27 0.00	38.02 0.11 0.00	37.02 0.15 0.00	35.08 0.11 0.00	34.22 0.00 0.00	33.66 0.00 0.00
NYISO_LBMP_REFERENCE 24008	31.39 0.00 0.00	29.46 0.00 0.00	28.51 0.00 0.00	28.98 0.00 0.00	29.31 0.00 0.00	30.82 0.00 0.00	33.16 0.00 0.00	33.88 0.00 0.00	34.95 0.00 0.00	34.47 0.00 0.00	34.10 0.00 0.00	33.41 0.00 0.00	30.57 0.00 0.00	29.54 0.00 0.00	29.81 0.00 0.00	31.22 0.00 0.00	34.54 0.00 0.00	40.27 0.00 0.00	38.49 0.00 0.00	37.90 0.00 0.00	36.87 0.00 0.00	34.97 0.00 0.00	34.22 0.00 0.00	33.66 0.00 0.00
NYPA_BRENTWD___GT 24164	35.19 2.36 -1.45	33.21 2.18 -1.56	31.45 2.20 -0.74	33.27 2.14 -2.14	34.72 2.17 -3.25	35.19 2.31 -2.06	35.78 2.62 0.00	40.81 2.98 -3.94	40.82 3.18 -2.68	41.52 3.14 -3.91	41.48 3.24 -4.13	39.64 3.24 -2.99	38.93 2.94 -5.43	38.91 2.84 -6.53	38.59 2.89 -5.89	39.62 3.03 -5.37	43.45 3.39 -5.52	53.39 4.51 -8.61	54.54 4.42 -11.63	53.70 4.24 -11.55	49.54 3.72 -8.95	43.28 3.46 -4.85	41.86 3.39 -4.25	39.75 3.16 -2.92
NYPA_GOWANUS___GT5 24156	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39
NYPA_GOWANUS___GT6 24157	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.14 1.32 0.00	34.85 1.69 0.00	35.88 2.00 0.00	37.09 2.13 0.00	36.61 2.14 0.00	36.22 2.12 0.00	35.85 2.44 0.00	32.78 2.14 -0.07	31.58 2.04 -0.01	31.96 2.09 -0.07	46.08 2.28 -12.58	36.95 2.35 -0.06	43.68 3.34 -0.07	53.61 3.39 -11.73	41.32 3.18 -0.24	39.52 2.66 0.00	39.52 2.41 -2.14	36.79 2.50 -0.07	44.40 2.36 -8.39

NYPA_HARLEM__RVR__GT1 24160	32.67 1.29 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.00 1.01 0.00	30.36 1.05 0.00	31.90 1.08 0.00	34.45 1.29 0.00	35.58 1.69 0.00	36.69 1.75 0.01	36.26 1.79 0.01	35.90 1.81 0.01	35.52 2.11 0.00	32.45 1.87 -0.01	31.35 1.80 -0.01	31.66 1.85 -0.01	33.22 2.00 0.00	36.62 2.07 0.00	43.26 2.98 -0.01	41.50 3.00 -0.01	40.67 2.77 -0.01	39.19 2.32 0.00	37.14 2.17 0.00	36.49 2.26 -0.01	35.76 2.09 -0.01
NYPA_HARLEM__RVR__GT2 24161	32.67 1.29 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.00 1.01 0.00	30.36 1.05 0.00	31.90 1.08 0.00	34.45 1.29 0.00	35.58 1.69 0.00	36.69 1.75 0.01	36.26 1.79 0.01	35.90 1.81 0.01	35.52 2.11 0.00	32.45 1.87 -0.01	31.35 1.80 -0.01	31.66 1.85 -0.01	33.22 2.00 0.00	36.62 2.07 0.00	43.26 2.98 -0.01	41.50 3.00 -0.01	40.67 2.77 -0.01	39.19 2.32 0.00	37.14 2.17 0.00	36.49 2.26 -0.01	35.76 2.09 -0.01
NYPA_KENT____GT 24152	32.83 1.44 0.00	30.67 1.21 0.00	29.80 1.28 0.00	30.17 1.19 0.00	30.54 1.23 0.00	32.11 1.29 0.00	34.78 1.62 0.00	35.81 1.93 0.00	37.02 2.06 0.00	36.57 2.10 0.00	36.18 2.08 0.00	35.79 2.37 0.00	32.72 2.11 -0.04	31.56 2.01 -0.01	31.90 2.06 -0.04	40.64 2.22 -7.20	36.85 2.28 -0.03	43.57 3.26 -0.04	48.48 3.27 -6.72	41.11 3.07 -0.14	39.45 2.58 0.00	38.54 2.34 -1.23	36.70 2.43 -0.04	40.76 2.29 -4.81
NYPA_POUCH1____GT 24155	32.83 1.44 0.00	30.67 1.21 0.00	29.80 1.28 0.00	30.17 1.19 0.00	30.54 1.23 0.00	32.11 1.29 0.00	34.81 1.66 0.00	35.78 1.90 0.00	36.91 1.96 0.00	36.47 2.00 0.00	36.08 1.98 0.00	35.69 2.27 0.00	32.66 2.02 -0.07	31.47 1.92 -0.01	31.84 1.97 -0.07	45.98 2.18 -12.58	36.81 2.21 -0.06	43.52 3.18 -0.07	53.45 3.23 -11.73	41.17 3.03 -0.24	39.38 2.51 0.00	39.42 2.31 -2.14	36.68 2.39 -0.07	44.30 2.26 -8.39
NYPA_VERNON____GT2 24162	32.77 1.38 0.00	30.64 1.18 0.00	29.74 1.23 0.00	30.14 1.16 0.00	30.48 1.17 0.00	32.05 1.23 0.00	34.68 1.53 0.00	35.78 1.90 0.00	36.98 2.03 0.00	36.54 2.07 0.00	36.15 2.05 0.00	35.72 2.30 0.00	32.64 2.05 -0.02	31.53 1.98 -0.01	31.82 2.00 -0.02	35.20 2.15 -1.82	36.80 2.24 -0.01	43.47 3.18 -0.02	43.39 3.19 -1.71	40.94 2.99 -0.05	39.34 2.47 0.00	37.55 2.27 -0.31	36.60 2.36 -0.02	37.07 2.19 -1.22
NYPA_VERNON____GT3 24163	32.77 1.38 0.00	30.64 1.18 0.00	29.74 1.23 0.00	30.14 1.16 0.00	30.48 1.17 0.00	32.05 1.23 0.00	34.68 1.53 0.00	35.78 1.90 0.00	36.98 2.03 0.00	36.54 2.07 0.00	36.15 2.05 0.00	35.72 2.30 0.00	32.64 2.05 -0.02	31.53 1.98 -0.01	31.82 2.00 -0.02	35.20 2.15 -1.82	36.80 2.24 -0.01	43.47 3.18 -0.02	43.39 3.19 -1.71	40.94 2.99 -0.05	39.34 2.47 0.00	37.55 2.27 -0.31	36.60 2.36 -0.02	37.07 2.19 -1.22
NYPA__ASTORIA_CC1 323568	32.73 1.35 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.91 1.96 0.00	36.47 2.00 0.00	36.08 1.98 0.00	35.69 2.27 0.00	32.60 2.02 -0.01	31.47 1.92 -0.01	31.78 1.97 -0.01	33.35 2.12 0.00	36.72 2.18 0.00	43.42 3.14 -0.01	41.66 3.16 -0.02	40.88 2.96 -0.02	39.30 2.43 0.00	37.21 2.24 0.00	36.56 2.33 -0.01	35.82 2.16 -0.01
NYPA__ASTORIA_CC2 323569	32.73 1.35 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.91 1.96 0.00	36.47 2.00 0.00	36.08 1.98 0.00	35.69 2.27 0.00	32.60 2.02 -0.01	31.47 1.92 -0.01	31.78 1.97 -0.01	33.35 2.12 0.00	36.72 2.18 0.00	43.42 3.14 -0.01	41.66 3.16 -0.02	40.88 2.96 -0.02	39.30 2.43 0.00	37.21 2.24 0.00	36.56 2.33 -0.01	35.82 2.16 -0.01
NYPA__HOLTSVILL 23794	35.06 2.23 -1.45	33.12 2.09 -1.56	31.36 2.11 -0.74	33.19 2.06 -2.14	34.64 2.08 -3.25	35.10 2.22 -2.06	35.65 2.49 0.00	40.70 2.88 -3.94	40.71 3.08 -2.68	41.38 3.00 -3.91	41.34 3.10 -4.13	39.51 3.11 -2.99	38.78 2.78 -5.43	38.79 2.72 -6.53	38.47 2.77 -5.89	39.49 2.90 -5.37	43.28 3.21 -5.52	53.19 4.31 -8.61	54.31 4.20 -11.63	53.55 4.09 -11.55	49.40 3.58 -8.95	43.11 3.29 -4.85	41.72 3.25 -4.25	39.62 3.03 -2.92
NYPA__HELLGATE_GT1 24158	32.67 1.29 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.00 1.01 0.00	30.36 1.05 0.00	31.90 1.08 0.00	34.45 1.29 0.00	35.58 1.69 0.00	36.69 1.75 0.01	36.26 1.79 0.01	35.90 1.81 0.01	35.52 2.11 0.00	32.45 1.87 -0.01	31.35 1.80 -0.01	31.66 1.85 -0.01	33.22 2.00 0.00	36.62 2.07 0.00	43.26 2.98 -0.01	41.50 3.00 -0.01	40.67 2.77 -0.01	39.19 2.32 0.00	37.14 2.17 0.00	36.49 2.26 -0.01	35.76 2.09 -0.01
NYPA__HELLGATE_GT2 24159	32.67 1.29 0.00	30.52 1.06 0.00	29.62 1.11 0.00	30.00 1.01 0.00	30.36 1.05 0.00	31.90 1.08 0.00	34.45 1.29 0.00	35.58 1.69 0.00	36.69 1.75 0.01	36.26 1.79 0.01	35.90 1.81 0.01	35.52 2.11 0.00	32.45 1.87 -0.01	31.35 1.80 -0.01	31.66 1.85 -0.01	33.22 2.00 0.00	36.62 2.07 0.00	43.26 2.98 -0.01	41.50 3.00 -0.01	40.67 2.77 -0.01	39.19 2.32 0.00	37.14 2.17 0.00	36.49 2.26 -0.01	35.76 2.09 -0.01
NYS_BARGE__HYD 23848	29.97 -1.41 0.00	28.20 -1.27 0.00	27.09 -1.42 0.00	27.74 -1.25 0.00	28.17 -1.14 0.00	29.65 -1.17 0.00	31.57 -1.59 0.00	31.24 -2.64 0.00	31.67 -3.29 0.00	31.37 -3.10 0.00	31.20 -2.90 0.00	30.27 -3.14 0.00	28.22 -2.35 0.00	27.24 -2.30 0.00	27.39 -2.41 0.00	28.60 -2.62 0.00	30.85 -3.70 0.00	36.20 -4.07 0.00	35.02 -3.46 0.00	33.69 -4.21 0.00	32.70 -4.17 0.00	31.40 -3.57 0.00	30.53 -3.70 0.00	30.83 -2.83 0.00
OAK_ORCHARD__HYD 24046	30.54 -0.85 0.00	28.64 -0.82 0.00	27.57 -0.94 0.00	28.17 -0.81 0.00	28.61 -0.70 0.00	30.11 -0.71 0.00	32.23 -0.93 0.00	32.43 -1.46 0.00	33.10 -1.85 0.00	32.75 -1.72 0.00	32.46 -1.64 0.00	31.61 -1.80 0.00	29.20 -1.38 0.00	28.15 -1.39 0.00	28.35 -1.46 0.00	29.66 -1.56 0.00	32.47 -2.07 0.00	38.10 -2.18 0.00	36.64 -1.85 0.00	35.59 -2.31 0.00	34.55 -2.32 0.00	32.98 -1.99 0.00	32.10 -2.12 0.00	31.98 -1.68 0.00
OAKDALE__35_KV_LOAD 356122	31.70 0.31 0.00	29.73 0.27 0.00	28.74 0.23 0.00	29.24 0.26 0.00	29.63 0.32 0.00	31.19 0.37 0.00	33.56 0.40 0.00	34.02 0.14 0.00	34.95 0.00 0.00	34.51 0.03 0.00	34.13 0.03 0.00	33.45 0.03 0.00	30.60 0.03 0.00	29.57 0.03 0.00	29.81 0.00 0.00	31.22 0.00 0.00	34.44 -0.10 0.00	40.39 0.12 0.00	38.76 0.27 0.00	37.98 0.08 0.00	36.79 -0.07 0.00	34.94 -0.03 0.00	34.16 -0.07 0.00	33.73 0.07 0.00
OCC_CHEM__DRP 24175	29.22 -2.17 0.00	27.55 -1.92 0.00	26.43 -2.08 0.00	27.07 -1.91 0.00	27.49 -1.82 0.00	28.85 -1.97 0.00	30.84 -2.32 0.00	30.29 -3.59 0.00	30.76 -4.19 0.00	30.58 -3.90 0.00	30.25 -3.85 0.00	30.07 -3.34 0.00	27.64 -2.94 0.00	26.65 -2.89 0.00	26.77 -3.04 0.00	27.85 -3.37 0.00	30.02 -4.53 0.00	34.91 -5.36 0.00	33.64 -4.85 0.00	32.71 -5.19 0.00	31.74 -5.12 0.00	30.11 -4.86 0.00	29.43 -4.79 0.00	30.06 -3.60 0.00

OH_GEN_PROXY 24063	29.69 -1.70 0.00	27.96 -1.50 0.00	26.86 -1.65 0.00	27.47 -1.51 0.00	27.90 -1.41 0.00	29.37 -1.45 0.00	31.33 -1.82 0.00	31.07 -2.81 0.00	31.53 -3.42 0.00	31.23 -3.24 0.00	31.03 -3.07 0.00	30.17 -3.24 0.00	28.13 -2.45 0.00	27.18 -2.36 0.00	27.30 -2.50 0.00	28.97 -2.72 -0.46	31.11 -3.80 -0.37	35.21 -4.23 0.83	34.83 -3.66 0.00	33.58 -4.32 0.00	32.59 -4.28 0.00	31.30 -3.67 0.00	30.39 -3.83 0.00	30.66 -3.00 0.00
OLIN_CORP_DRP 24177	29.50 -1.88 0.00	27.81 -1.65 0.00	26.69 -1.82 0.00	27.30 -1.68 0.00	27.76 -1.55 0.00	29.15 -1.66 0.00	31.07 -2.09 0.00	30.53 -3.35 0.00	30.97 -3.98 0.00	30.82 -3.65 0.00	30.49 -3.61 0.00	30.27 -3.14 0.00	27.82 -2.75 0.00	26.82 -2.72 0.00	26.95 -2.86 0.00	28.04 -3.18 0.00	30.23 -4.32 0.00	35.20 -5.07 0.00	33.91 -4.58 0.00	32.97 -4.93 0.00	32.00 -4.87 0.00	30.36 -4.62 0.00	29.67 -4.55 0.00	30.26 -3.40 0.00
OLIN_CORP_DSASP 323712	29.22 -2.17 0.00	27.55 -1.91 0.00	26.43 -2.08 0.00	27.07 -1.91 0.00	27.46 -1.85 0.00	28.91 -1.91 0.00	30.84 -2.32 0.00	30.50 -3.39 0.00	30.90 -4.05 0.00	30.61 -3.86 0.00	30.45 -3.65 0.00	29.57 -3.84 0.00	27.61 -2.97 0.00	26.65 -2.89 0.00	26.80 -3.01 0.00	27.98 -3.25 0.00	30.12 -4.42 0.00	35.28 -4.99 0.00	34.14 -4.35 0.00	32.86 -5.04 0.00	31.89 -4.98 0.00	30.63 -4.34 0.00	29.78 -4.45 0.00	30.13 -3.53 0.00
ONEIDA_HERK_LFGE 323681	31.79 0.41 0.00	29.84 0.38 0.00	28.88 0.37 0.00	29.39 0.41 0.00	29.78 0.47 0.00	31.31 0.49 0.00	33.69 0.53 0.00	34.42 0.54 0.00	35.44 0.49 0.00	34.99 0.52 0.00	34.51 0.41 0.00	33.75 0.33 0.00	30.82 0.24 0.00	29.81 0.27 0.00	30.11 0.30 0.00	31.54 0.31 0.00	35.09 0.55 0.00	41.03 0.76 0.00	39.37 0.89 0.00	38.58 0.68 0.00	37.49 0.63 0.00	35.57 0.59 0.00	34.74 0.51 0.00	34.13 0.47 0.00
ONEIDA___115KV_TB4 55905	32.11 0.72 0.00	30.11 0.65 0.00	29.14 0.63 0.00	29.65 0.67 0.00	30.04 0.73 0.00	31.65 0.83 0.00	34.05 0.90 0.00	34.70 0.81 0.00	35.72 0.77 0.00	35.23 0.76 0.00	34.75 0.65 0.00	33.95 0.53 0.00	31.00 0.43 0.00	29.98 0.44 0.00	30.28 0.48 0.00	31.76 0.53 0.00	35.27 0.73 0.00	41.28 1.01 0.00	39.56 1.08 0.00	38.81 0.91 0.00	37.68 0.81 0.00	35.71 0.73 0.00	34.87 0.65 0.00	34.33 0.67 0.00
ONONDAGA_REF_OCCRA 23987	31.20 -0.19 0.00	29.23 -0.24 0.00	28.26 -0.26 0.00	28.72 -0.26 0.00	29.08 -0.23 0.00	30.60 -0.22 0.00	32.89 -0.27 0.00	33.38 -0.51 0.00	34.39 -0.56 0.00	33.92 -0.55 0.00	33.56 -0.55 0.00	32.84 -0.57 0.00	30.02 -0.55 0.00	29.01 -0.53 0.00	29.24 -0.57 0.00	30.66 -0.56 0.00	33.92 -0.62 0.00	39.71 -0.56 0.00	38.06 -0.42 0.00	37.37 -0.53 0.00	36.24 -0.63 0.00	34.38 -0.59 0.00	33.61 -0.62 0.00	33.12 -0.54 0.00
ONONDAGA___COGEN 23986	31.17 -0.22 0.00	29.20 -0.27 0.00	28.23 -0.29 0.00	28.69 -0.29 0.00	29.05 -0.26 0.00	30.57 -0.25 0.00	32.89 -0.27 0.00	33.38 -0.51 0.00	34.39 -0.56 0.00	33.92 -0.55 0.00	33.56 -0.55 0.00	32.84 -0.57 0.00	30.02 -0.55 0.00	28.98 -0.56 0.00	29.24 -0.57 0.00	30.66 -0.56 0.00	33.92 -0.62 0.00	39.71 -0.56 0.00	38.03 -0.46 0.00	37.33 -0.57 0.00	36.24 -0.63 0.00	34.38 -0.59 0.00	33.61 -0.62 0.00	33.12 -0.54 0.00
ONTARIO___LFGE 23819	31.89 0.50 0.00	29.87 0.41 0.00	28.83 0.31 0.00	29.39 0.41 0.00	29.81 0.50 0.00	31.40 0.58 0.00	33.82 0.66 0.00	34.12 0.24 0.00	34.99 0.03 0.00	34.51 0.03 0.00	34.14 0.03 0.00	33.25 -0.17 0.00	30.48 -0.09 0.00	29.42 -0.12 0.00	29.66 -0.15 0.00	31.16 -0.06 0.00	34.41 -0.14 0.00	40.27 0.00 0.00	38.72 0.23 0.00	37.83 -0.08 0.00	36.80 -0.07 0.00	35.04 0.07 0.00	34.12 -0.10 0.00	33.76 0.10 0.00
ORANGEVILLE_WT_PWR 323706	30.38 -1.01 0.00	28.61 -0.86 0.00	27.49 -1.03 0.00	28.11 -0.87 0.00	28.55 -0.76 0.00	30.05 -0.77 0.00	32.10 -1.06 0.00	31.78 -2.10 0.00	32.26 -2.69 0.00	31.96 -2.51 0.00	31.75 -2.35 0.00	30.84 -2.57 0.00	28.71 -1.87 0.00	27.74 -1.80 0.00	27.87 -1.94 0.00	29.10 -2.12 0.00	31.43 -3.11 0.00	36.85 -3.42 0.00	35.68 -2.81 0.00	34.34 -3.56 0.00	33.33 -3.54 0.00	32.00 -2.97 0.00	31.08 -3.15 0.00	31.37 -2.29 0.00
ORANGEVILLE___ESR 323794	30.38 -1.01 0.00	28.61 -0.86 0.00	27.49 -1.03 0.00	28.11 -0.87 0.00	28.55 -0.76 0.00	30.05 -0.77 0.00	32.10 -1.06 0.00	31.78 -2.10 0.00	32.26 -2.69 0.00	31.96 -2.51 0.00	31.75 -2.35 0.00	30.84 -2.57 0.00	28.71 -1.87 0.00	27.74 -1.80 0.00	27.87 -1.94 0.00	29.10 -2.12 0.00	31.43 -3.11 0.00	36.85 -3.42 0.00	35.68 -2.81 0.00	34.34 -3.56 0.00	33.33 -3.54 0.00	32.00 -2.97 0.00	31.08 -3.15 0.00	31.37 -2.29 0.00
OSWEGATCHIE___HYD 24044	30.85 -0.53 0.00	29.11 -0.35 0.00	28.14 -0.37 0.00	28.66 -0.32 0.00	29.05 -0.26 0.00	30.32 -0.49 0.00	32.43 -0.73 0.00	33.24 -0.64 0.00	34.29 -0.67 0.00	33.82 -0.66 0.00	33.32 -0.78 0.00	32.61 -0.80 0.00	29.90 -0.67 0.00	28.89 -0.65 0.00	29.18 -0.63 0.00	30.44 -0.78 0.00	33.99 -0.55 0.00	39.42 -0.85 0.00	37.68 -0.81 0.00	37.10 -0.80 0.00	36.28 -0.59 0.00	34.38 -0.59 0.00	33.54 -0.68 0.00	33.16 -0.50 0.00
OSWEGO___5 23606	30.57 -0.82 0.00	28.67 -0.79 0.00	27.72 -0.80 0.00	28.17 -0.81 0.00	28.52 -0.79 0.00	29.99 -0.83 0.00	32.26 -0.89 0.00	32.80 -1.09 0.00	33.80 -1.15 0.00	33.33 -1.14 0.00	32.98 -1.12 0.00	32.28 -1.14 0.00	29.53 -1.04 0.00	28.54 -1.00 0.00	28.79 -1.01 0.00	30.16 -1.06 0.00	33.33 -1.21 0.00	39.02 -1.25 0.00	37.37 -1.12 0.00	36.65 -1.25 0.00	35.62 -1.25 0.00	33.82 -1.15 0.00	33.06 -1.16 0.00	32.55 -1.11 0.00
OSWEGO___6 23613	30.57 -0.82 0.00	28.67 -0.79 0.00	27.72 -0.80 0.00	28.17 -0.81 0.00	28.52 -0.79 0.00	29.99 -0.83 0.00	32.26 -0.89 0.00	32.80 -1.09 0.00	33.80 -1.15 0.00	33.33 -1.14 0.00	32.98 -1.12 0.00	32.28 -1.14 0.00	29.53 -1.04 0.00	28.54 -1.00 0.00	28.79 -1.01 0.00	30.16 -1.06 0.00	33.33 -1.21 0.00	39.02 -1.25 0.00	37.37 -1.12 0.00	36.65 -1.25 0.00	35.62 -1.25 0.00	33.82 -1.15 0.00	33.06 -1.16 0.00	32.55 -1.11 0.00
OUTOKUMPU-AB___DRP 24206	30.13 -1.26 0.00	28.37 -1.09 0.00	27.23 -1.28 0.00	27.88 -1.10 0.00	28.31 -1.00 0.00	29.74 -1.08 0.00	31.80 -1.36 0.00	31.27 -2.61 0.00	31.74 -3.22 0.00	31.58 -2.90 0.00	31.24 -2.86 0.00	30.97 -2.44 0.00	28.49 -2.08 0.00	27.44 -2.10 0.00	27.57 -2.24 0.00	28.66 -2.56 0.00	30.95 -3.59 0.00	36.12 -4.15 0.00	34.79 -3.69 0.00	33.81 -4.09 0.00	32.81 -4.06 0.00	31.16 -3.81 0.00	30.43 -3.80 0.00	31.00 -2.66 0.00
OXBOW___BTM 323836	29.69 -1.70 0.00	27.99 -1.47 0.00	26.86 -1.65 0.00	27.51 -1.48 0.00	27.90 -1.41 0.00	29.37 -1.45 0.00	31.33 -1.82 0.00	31.00 -2.88 0.00	31.43 -3.53 0.00	31.16 -3.31 0.00	30.96 -3.14 0.00	30.04 -3.37 0.00	28.04 -2.54 0.00	27.06 -2.48 0.00	27.21 -2.59 0.00	28.41 -2.81 0.00	30.60 -3.94 0.00	35.92 -4.35 0.00	34.75 -3.73 0.00	33.43 -4.47 0.00	32.44 -4.43 0.00	31.16 -3.81 0.00	30.29 -3.93 0.00	30.60 -3.06 0.00

OXBOW____ 24026	29.69 -1.69 0.00	27.99 -1.47 0.00	26.86 -1.65 0.00	27.50 -1.48 0.00	27.93 -1.38 0.00	29.34 -1.48 0.00	31.33 -1.82 0.00	30.80 -3.08 0.00	31.28 -3.67 0.00	31.09 -3.38 0.00	30.76 -3.34 0.00	30.54 -2.87 0.00	28.10 -2.48 0.00	27.06 -2.48 0.00	27.18 -2.62 0.00	28.29 -2.94 0.00	30.50 -4.04 0.00	35.56 -4.71 0.00	34.25 -4.23 0.00	33.31 -4.59 0.00	32.30 -4.57 0.00	30.67 -4.30 0.00	29.95 -4.28 0.00	30.53 -3.13 0.00
OXY_CHEM_DSASP 323612	29.22 -2.17 0.00	27.55 -1.92 0.00	26.43 -2.08 0.00	27.07 -1.91 0.00	27.49 -1.82 0.00	28.85 -1.97 0.00	30.84 -2.32 0.00	30.29 -3.59 0.00	30.76 -4.19 0.00	30.58 -3.90 0.00	30.25 -3.85 0.00	30.07 -3.34 0.00	27.64 -2.94 0.00	26.65 -2.89 0.00	26.77 -3.04 0.00	27.85 -3.37 0.00	30.02 -4.53 0.00	34.91 -5.36 0.00	33.64 -4.85 0.00	32.71 -5.19 0.00	31.74 -5.12 0.00	30.11 -4.86 0.00	29.43 -4.79 0.00	30.06 -3.60 0.00
OZONE_PARK_ESR 323760	32.96 1.57 0.00	30.82 1.36 0.00	29.91 1.40 0.00	30.32 1.33 0.00	30.66 1.35 0.00	32.27 1.45 0.00	34.95 1.79 0.00	36.02 2.13 0.00	37.30 2.34 0.00	36.78 2.31 0.00	36.45 2.35 0.00	35.75 2.34 0.00	32.87 2.29 0.00	31.73 2.19 0.00	32.01 2.21 0.00	33.57 2.34 0.00	37.03 2.49 0.00	43.81 3.54 0.00	42.04 3.54 -0.02	41.25 3.34 -0.02	39.60 2.73 0.00	37.56 2.59 0.00	36.79 2.57 0.00	36.02 2.36 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.22 -2.17 0.00	27.55 -1.92 0.00	26.43 -2.08 0.00	27.07 -1.91 0.00	27.49 -1.82 0.00	28.85 -1.97 0.00	30.84 -2.32 0.00	30.29 -3.59 0.00	30.76 -4.19 0.00	30.58 -3.90 0.00	30.25 -3.85 0.00	30.07 -3.34 0.00	27.64 -2.94 0.00	26.65 -2.89 0.00	26.77 -3.04 0.00	27.85 -3.37 0.00	30.02 -4.53 0.00	34.91 -5.36 0.00	33.64 -4.85 0.00	32.71 -5.19 0.00	31.74 -5.12 0.00	30.11 -4.86 0.00	29.43 -4.79 0.00	30.06 -3.60 0.00
PACKARD__115KV_DUPONT_184 80571	29.22 -2.17 0.00	27.55 -1.92 0.00	26.43 -2.08 0.00	27.07 -1.91 0.00	27.49 -1.82 0.00	28.85 -1.97 0.00	30.84 -2.32 0.00	30.29 -3.59 0.00	30.76 -4.19 0.00	30.58 -3.90 0.00	30.25 -3.85 0.00	30.07 -3.34 0.00	27.64 -2.94 0.00	26.65 -2.89 0.00	26.77 -3.04 0.00	27.85 -3.37 0.00	30.02 -4.53 0.00	34.91 -5.36 0.00	33.64 -4.85 0.00	32.71 -5.19 0.00	31.74 -5.12 0.00	30.11 -4.86 0.00	29.43 -4.79 0.00	30.06 -3.60 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.80 1.41 0.00	30.61 1.15 0.00	29.74 1.23 0.00	30.11 1.13 0.00	30.45 1.14 0.00	31.99 1.17 0.00	34.55 1.39 0.00	35.58 1.69 0.00	36.77 1.82 0.00	36.23 1.76 0.00	35.94 1.84 0.00	35.25 1.84 0.00	32.47 1.90 0.00	31.40 1.86 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.62 2.07 0.00	43.29 3.02 0.00	41.51 3.00 -0.02	40.72 2.80 -0.02	39.08 2.21 0.00	37.31 2.34 0.00	36.59 2.36 0.00	35.85 2.19 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.11 1.73 0.00	30.91 1.44 0.00	30.02 1.51 0.00	30.40 1.42 0.00	30.78 1.47 0.00	32.33 1.51 0.00	34.91 1.76 0.00	35.92 2.03 0.00	37.09 2.13 0.00	36.57 2.10 0.00	36.28 2.18 0.00	35.62 2.21 0.00	32.84 2.26 0.00	31.76 2.22 0.00	32.07 2.27 0.00	33.63 2.40 0.00	37.03 2.49 0.00	43.77 3.50 0.00	41.97 3.46 -0.02	41.18 3.26 -0.02	39.52 2.65 0.00	37.73 2.76 0.00	37.00 2.77 0.00	36.29 2.63 0.00
PATROON__115KV_TB1 80586	31.83 0.44 0.00	29.87 0.41 0.00	28.94 0.43 0.00	29.39 0.41 0.00	29.69 0.38 0.00	31.25 0.43 0.00	33.69 0.53 0.00	34.49 0.61 0.00	35.65 0.70 0.00	35.13 0.65 0.00	34.78 0.68 0.00	34.05 0.63 0.00	31.15 0.58 0.00	30.07 0.53 0.00	30.37 0.57 0.00	31.88 0.66 0.00	35.30 0.76 0.00	41.48 1.21 0.00	39.76 1.27 0.00	39.00 1.10 0.00	37.64 0.77 0.00	35.71 0.73 0.00	35.05 0.82 0.00	34.37 0.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.29 -0.09 0.00	29.49 0.03 0.00	28.31 -0.20 0.00	28.95 -0.03 0.00	29.43 0.12 0.00	30.91 0.09 0.00	33.16 0.00 0.00	32.63 -1.25 0.00	33.14 -1.82 0.00	32.92 -1.55 0.00	32.60 -1.50 0.00	32.21 -1.20 0.00	29.66 -0.92 0.00	28.59 -0.95 0.00	28.70 -1.10 0.00	29.88 -1.34 0.00	32.33 -2.21 0.00	37.85 -2.42 0.00	36.45 -2.04 0.00	35.40 -2.50 0.00	34.32 -2.54 0.00	32.66 -2.31 0.00	31.86 -2.36 0.00	32.31 -1.35 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.86 1.48 0.00	30.79 1.33 0.00	29.85 1.34 0.00	30.35 1.36 0.00	30.51 1.20 0.00	32.14 1.33 0.00	34.68 1.53 0.00	35.68 1.80 0.00	37.02 2.06 0.00	36.44 1.96 0.00	36.01 1.91 0.00	35.28 1.87 0.00	32.29 1.71 0.00	31.14 1.60 0.00	31.45 1.64 0.00	33.00 1.78 0.00	36.55 2.00 0.00	43.21 2.94 0.00	41.41 2.93 0.00	40.63 2.73 0.00	39.12 2.25 0.00	37.10 2.13 0.00	36.28 2.05 0.00	35.55 1.88 0.00
PEEKSKILL____ 23653	32.51 1.13 0.00	30.49 1.03 0.00	29.57 1.06 0.00	30.00 1.01 0.00	30.28 0.97 0.00	31.87 1.05 0.00	34.45 1.29 0.00	35.48 1.59 0.00	36.77 1.82 0.00	36.26 1.79 0.00	35.87 1.77 0.00	35.28 1.87 0.00	32.22 1.65 0.00	31.16 1.62 0.00	31.45 1.64 0.00	32.94 1.72 0.00	36.41 1.86 0.00	43.01 2.74 0.00	41.18 2.69 0.00	40.44 2.54 0.00	38.93 2.06 0.00	36.82 1.85 0.00	36.11 1.88 0.00	35.38 1.72 0.00
PGE MADISON__WINDPWR 24146	34.27 2.89 0.00	32.08 2.62 0.00	31.02 2.51 0.00	31.65 2.66 0.00	32.18 2.87 0.00	33.87 3.05 0.00	36.44 3.28 0.00	37.10 3.22 0.00	37.99 3.04 0.00	37.47 3.00 0.00	36.83 2.73 0.00	35.75 2.34 0.00	32.47 1.90 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.44 2.22 0.00	37.55 3.00 0.00	44.30 4.03 0.00	42.80 4.31 0.00	41.69 3.79 0.00	40.52 3.65 0.00	38.36 3.39 0.00	37.34 3.11 0.00	36.72 3.06 0.00
PIERCEFIELD__HYD 23852	31.14 -0.25 0.00	29.49 0.03 0.00	28.54 0.03 0.00	29.04 0.06 0.00	29.43 0.12 0.00	30.54 -0.28 0.00	32.56 -0.60 0.00	33.44 -0.44 0.00	34.53 -0.42 0.00	34.06 -0.41 0.00	33.59 -0.51 0.00	32.88 -0.53 0.00	30.02 -0.55 0.00	29.19 -0.35 0.00	29.48 -0.33 0.00	30.66 -0.56 0.00	34.16 -0.38 0.00	39.38 -0.89 0.00	37.45 -1.04 0.00	37.03 -0.87 0.00	36.43 -0.44 0.00	34.48 -0.49 0.00	33.68 -0.55 0.00	33.46 -0.20 0.00
PINELAWN_CC_1 323563	34.91 2.07 -1.45	32.91 1.89 -1.56	31.16 1.91 -0.74	32.98 1.86 -2.14	34.40 1.85 -3.25	34.85 1.97 -2.06	35.44 2.29 0.00	40.47 2.64 -3.94	40.50 2.87 -2.68	41.17 2.79 -3.91	41.06 2.83 -4.13	39.28 2.87 -2.99	38.60 2.60 -5.43	38.62 2.54 -6.53	38.26 2.56 -5.89	39.31 2.72 -5.37	43.04 2.97 -5.52	52.95 4.07 -8.61	54.12 4.00 -11.63	53.24 3.79 -11.55	49.10 3.28 -8.95	42.83 3.01 -4.85	41.45 2.98 -4.25	39.38 2.79 -2.92
PJM_GEN_HTP_PROXY 323702	32.64 1.26 0.00	30.55 1.09 0.00	29.66 1.14 0.00	30.06 1.07 0.00	30.40 1.09 0.00	31.96 1.14 0.00	34.61 1.46 0.00	35.68 1.79 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.08 1.98 0.00	35.55 2.14 0.00	32.54 1.96 -0.01	31.44 1.89 -0.01	31.75 1.94 -0.01	33.69 2.00 -0.46	37.02 2.11 -0.37	42.47 3.02 0.82	41.51 3.00 -0.02	40.72 2.80 -0.02	39.16 2.29 0.00	37.03 2.06 0.00	36.39 2.16 -0.01	35.65 1.99 -0.01

PJM_GEN_KEYSTONE 24065	31.48 0.09 0.00	29.55 0.09 0.00	28.57 0.06 0.00	29.07 0.09 0.00	29.43 0.12 0.00	30.97 0.15 0.00	33.36 0.20 0.00	33.85 -0.03 0.00	34.75 -0.21 0.00	34.33 -0.14 0.00	34.03 -0.07 0.00	33.35 -0.07 0.00	30.64 0.06 0.00	29.63 0.09 0.00	29.87 0.06 0.00	31.72 0.03 -0.46	34.60 -0.31 -0.37	39.48 0.04 0.83	38.76 0.27 0.00	37.79 -0.11 0.00	36.50 -0.37 0.00	34.76 -0.21 0.00	33.95 -0.27 0.00	33.56 -0.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	34.44 1.60 -1.45	32.47 1.44 -1.56	30.74 1.48 -0.74	32.55 1.42 -2.14	33.96 1.41 -3.25	34.38 1.51 -2.06	34.95 1.79 0.00	39.93 2.10 -3.94	39.94 2.31 -2.68	40.65 2.27 -3.91	40.52 2.29 -4.13	38.81 2.41 -2.99	38.17 2.17 -5.43	38.17 2.10 -6.53	37.84 2.15 -5.89	39.27 2.22 -5.83	42.82 2.38 -5.89	51.35 3.30 -7.78	53.38 3.27 -11.63	52.52 3.07 -11.55	48.44 2.62 -8.95	42.20 2.38 -4.85	40.87 2.39 -4.25	38.84 2.26 -2.92
PJM_GEN_VFT_PROXY 323633	32.48 1.10 0.01	30.37 0.91 0.01	29.50 1.00 0.01	29.90 0.93 0.01	30.21 0.91 0.01	31.80 0.99 0.01	34.41 1.26 0.01	35.54 1.66 0.00	36.84 1.89 0.00	36.33 1.86 0.00	35.98 1.87 0.00	35.49 2.07 0.00	32.42 1.83 -0.01	31.35 1.80 -0.01	31.63 1.82 -0.01	33.59 1.90 -0.46	36.88 1.97 -0.37	42.35 2.90 0.82	41.35 2.85 -0.02	40.61 2.69 -0.02	39.04 2.17 0.00	36.93 1.96 0.00	36.29 2.05 -0.01	35.55 1.88 -0.01
PLATSBRG_115KV_PMLD1 355749	33.05 1.66 0.00	31.20 1.74 0.00	30.14 1.63 0.00	30.75 1.77 0.00	31.13 1.82 0.00	32.64 1.82 0.00	34.52 1.36 0.00	35.41 1.52 0.00	36.56 1.61 0.00	36.06 1.59 0.00	35.60 1.50 0.00	34.88 1.47 0.00	31.86 1.28 0.00	30.72 1.18 0.00	30.97 1.16 0.00	32.41 1.19 0.00	35.99 1.45 0.00	41.52 1.25 0.00	39.41 0.92 0.00	38.85 0.95 0.00	38.20 1.33 0.00	36.09 1.12 0.00	35.25 1.03 0.00	35.31 1.65 0.00
PLEASANTVLY___LBMP 24000	32.42 1.04 0.00	30.40 0.94 0.00	29.48 0.97 0.00	29.91 0.93 0.00	30.19 0.88 0.00	31.80 0.99 0.00	34.35 1.19 0.00	35.27 1.39 0.00	36.53 1.57 0.00	35.99 1.52 0.00	35.64 1.53 0.00	34.92 1.50 0.00	32.04 1.47 0.00	30.93 1.39 0.00	31.21 1.40 0.00	32.72 1.50 0.00	36.17 1.62 0.00	42.65 2.38 0.00	40.87 2.39 0.00	40.10 2.20 0.00	38.64 1.77 0.00	36.65 1.68 0.00	35.90 1.68 0.00	35.17 1.51 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.58 1.19 0.00	30.52 1.06 0.00	29.63 1.11 0.00	30.06 1.07 0.00	30.34 1.03 0.00	31.96 1.14 0.00	34.55 1.39 0.00	35.54 1.66 0.00	36.81 1.85 0.00	36.26 1.79 0.00	35.91 1.81 0.00	35.22 1.80 0.00	32.29 1.71 0.00	31.16 1.62 0.00	31.48 1.67 0.00	33.00 1.78 0.00	36.44 1.90 0.00	43.05 2.78 0.00	41.30 2.81 0.00	40.52 2.62 0.00	38.93 2.06 0.00	36.93 1.96 0.00	36.18 1.95 0.00	35.41 1.75 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.58 1.19 0.00	30.52 1.06 0.00	29.63 1.11 0.00	30.06 1.07 0.00	30.34 1.03 0.00	31.96 1.14 0.00	34.55 1.39 0.00	35.54 1.66 0.00	36.81 1.85 0.00	36.26 1.79 0.00	35.91 1.81 0.00	35.22 1.80 0.00	32.29 1.71 0.00	31.16 1.62 0.00	31.48 1.67 0.00	33.00 1.78 0.00	36.44 1.90 0.00	43.05 2.78 0.00	41.30 2.81 0.00	40.52 2.62 0.00	38.93 2.06 0.00	36.93 1.96 0.00	36.18 1.95 0.00	35.41 1.75 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.67 1.29 0.00	30.61 1.15 0.00	29.68 1.17 0.00	30.11 1.13 0.00	30.37 1.06 0.00	31.99 1.17 0.00	34.58 1.43 0.00	35.37 1.49 0.00	36.63 1.68 0.00	36.06 1.59 0.00	35.67 1.57 0.00	34.98 1.57 0.00	32.01 1.44 0.00	30.90 1.36 0.00	31.21 1.40 0.00	32.75 1.53 0.00	36.24 1.69 0.00	42.77 2.50 0.00	41.03 2.54 0.00	40.25 2.35 0.00	38.75 1.88 0.00	36.76 1.78 0.00	36.04 1.81 0.00	35.31 1.65 0.00
POLETTI_____ 23519	32.61 1.22 0.00	30.49 1.03 0.00	29.63 1.11 0.00	30.03 1.04 0.00	30.34 1.03 0.00	31.93 1.11 0.00	34.55 1.39 0.00	35.61 1.73 0.00	36.88 1.92 0.00	36.33 1.86 0.00	36.04 1.94 0.00	35.35 1.94 0.00	32.47 1.90 0.00	31.34 1.80 0.00	31.66 1.85 0.00	33.16 1.94 0.00	36.58 2.04 0.00	43.25 2.98 0.00	41.50 3.00 -0.02	40.72 2.80 -0.02	39.12 2.25 0.00	37.10 2.13 0.00	36.35 2.12 0.00	35.61 1.95 0.00
POMONA___ESR 323819	32.42 1.03 0.00	30.40 0.94 0.00	29.48 0.97 0.00	29.91 0.93 0.00	30.19 0.88 0.00	31.77 0.96 0.00	34.39 1.23 0.00	35.34 1.46 0.00	36.60 1.64 0.00	36.06 1.59 0.00	35.70 1.60 0.00	35.12 1.70 0.00	32.07 1.50 0.00	31.02 1.48 0.00	31.33 1.52 0.00	32.82 1.59 0.00	36.24 1.69 0.00	42.77 2.50 0.00	40.99 2.50 0.00	40.25 2.35 0.00	38.75 1.88 0.00	36.68 1.71 0.00	35.97 1.74 0.00	35.21 1.55 0.00
PORT_JEFF_3 23555	35.19 2.36 -1.45	33.24 2.21 -1.56	31.45 2.20 -0.74	33.27 2.14 -2.14	34.72 2.17 -3.25	35.19 2.31 -2.06	35.78 2.62 0.00	40.81 2.98 -3.94	40.85 3.21 -2.68	41.52 3.14 -3.91	41.48 3.24 -4.13	39.64 3.24 -2.99	38.91 2.91 -5.43	38.91 2.84 -6.53	38.56 2.86 -5.89	39.62 3.03 -5.37	43.42 3.35 -5.52	53.35 4.47 -8.61	54.46 4.35 -11.63	53.70 4.24 -11.55	49.54 3.72 -8.95	43.25 3.43 -4.85	41.83 3.36 -4.25	39.72 3.13 -2.92
PORT_JEFF_4 23616	35.19 2.36 -1.45	33.24 2.21 -1.56	31.45 2.20 -0.74	33.27 2.14 -2.14	34.72 2.17 -3.25	35.19 2.31 -2.06	35.78 2.62 0.00	40.81 2.98 -3.94	40.85 3.21 -2.68	41.52 3.14 -3.91	41.48 3.24 -4.13	39.64 3.24 -2.99	38.91 2.91 -5.43	38.91 2.84 -6.53	38.56 2.86 -5.89	39.62 3.03 -5.37	43.42 3.35 -5.52	53.35 4.47 -8.61	54.46 4.35 -11.63	53.70 4.24 -11.55	49.54 3.72 -8.95	43.25 3.43 -4.85	41.83 3.36 -4.25	39.72 3.13 -2.92
PORT_JEFF_IC 23713	35.19 2.36 -1.45	33.24 2.21 -1.56	31.48 2.23 -0.74	33.30 2.17 -2.14	34.76 2.20 -3.25	35.22 2.34 -2.06	35.78 2.62 0.00	40.84 3.01 -3.94	40.85 3.21 -2.68	41.55 3.17 -3.91	41.48 3.24 -4.13	39.64 3.24 -2.99	38.93 2.94 -5.43	38.91 2.84 -6.53	38.59 2.89 -5.89	39.62 3.03 -5.37	43.45 3.39 -5.52	53.39 4.51 -8.61	54.50 4.39 -11.63	53.73 4.28 -11.55	49.54 3.72 -8.95	43.25 3.43 -4.85	41.86 3.39 -4.25	39.75 3.16 -2.92
PPL PILGRIM_ST_GT1 24216	35.19 2.36 -1.45	33.21 2.18 -1.56	31.45 2.20 -0.74	33.27 2.14 -2.14	34.72 2.17 -3.25	35.19 2.31 -2.06	35.78 2.62 0.00	40.81 2.98 -3.94	40.82 3.18 -2.68	41.52 3.14 -3.91	41.48 3.24 -4.13	39.64 3.24 -2.99	38.93 2.94 -5.43	38.91 2.84 -6.53	38.59 2.89 -5.89	39.62 3.03 -5.37	43.45 3.39 -5.52	53.39 4.51 -8.61	54.54 4.42 -11.63	53.70 4.24 -11.55	49.54 3.72 -8.95	43.28 3.46 -4.85	41.86 3.39 -4.25	39.75 3.16 -2.92
PPL PILGRIM_ST_GT2 24217	35.19 2.36 -1.45	33.21 2.18 -1.56	31.45 2.20 -0.74	33.27 2.14 -2.14	34.72 2.17 -3.25	35.19 2.31 -2.06	35.78 2.62 0.00	40.81 2.98 -3.94	40.82 3.18 -2.68	41.52 3.14 -3.91	41.48 3.24 -4.13	39.64 3.24 -2.99	38.93 2.94 -5.43	38.91 2.84 -6.53	38.59 2.89 -5.89	39.62 3.03 -5.37	43.45 3.39 -5.52	53.39 4.51 -8.61	54.54 4.42 -11.63	53.70 4.24 -11.55	49.54 3.72 -8.95	43.28 3.46 -4.85	41.86 3.39 -4.25	39.75 3.16 -2.92

PPL_SHRM_GT3 24213	35.25 2.42 -1.45	33.38 2.36 -1.56	31.59 2.34 -0.74	33.42 2.29 -2.14	34.90 2.35 -3.25	35.37 2.50 -2.06	35.94 2.79 0.00	41.01 3.18 -3.94	41.03 3.39 -2.68	41.69 3.31 -3.91	41.64 3.41 -4.13	39.78 3.37 -2.99	39.03 3.03 -5.43	39.00 2.93 -6.53	38.68 2.98 -5.89	39.74 3.15 -5.37	43.55 3.49 -5.52	53.35 4.47 -8.61	54.39 4.27 -11.63	53.88 4.43 -11.55	49.69 3.87 -8.95	43.42 3.60 -4.85	41.96 3.49 -4.25	39.82 3.23 -2.92
PPL_SHRM_GT4 24214	35.25 2.42 -1.45	33.38 2.36 -1.56	31.59 2.34 -0.74	33.42 2.29 -2.14	34.90 2.35 -3.25	35.37 2.50 -2.06	35.94 2.79 0.00	41.01 3.18 -3.94	41.03 3.39 -2.68	41.69 3.31 -3.91	41.64 3.41 -4.13	39.78 3.37 -2.99	39.03 3.03 -5.43	39.00 2.93 -6.53	38.68 2.98 -5.89	39.74 3.15 -5.37	43.55 3.49 -5.52	53.35 4.47 -8.61	54.39 4.27 -11.63	53.88 4.43 -11.55	49.69 3.87 -8.95	43.42 3.60 -4.85	41.96 3.49 -4.25	39.82 3.23 -2.92
PROJECT___ORANGE 1 24174	31.01 -0.38 0.00	29.05 -0.41 0.00	28.09 -0.43 0.00	28.55 -0.43 0.00	28.90 -0.41 0.00	30.42 -0.40 0.00	32.69 -0.46 0.00	33.14 -0.75 0.00	34.12 -0.84 0.00	33.68 -0.79 0.00	33.32 -0.78 0.00	32.64 -0.77 0.00	29.84 -0.73 0.00	28.80 -0.74 0.00	29.06 -0.75 0.00	30.44 -0.78 0.00	33.68 -0.86 0.00	39.42 -0.85 0.00	37.76 -0.73 0.00	37.07 -0.83 0.00	35.95 -0.92 0.00	34.10 -0.87 0.00	33.33 -0.89 0.00	32.89 -0.77 0.00
PROJECT___ORANGE 2 24166	31.01 -0.38 0.00	29.05 -0.41 0.00	28.09 -0.43 0.00	28.55 -0.43 0.00	28.90 -0.41 0.00	30.42 -0.40 0.00	32.69 -0.46 0.00	33.14 -0.75 0.00	34.12 -0.84 0.00	33.68 -0.79 0.00	33.32 -0.78 0.00	32.64 -0.77 0.00	29.84 -0.73 0.00	28.80 -0.74 0.00	29.06 -0.75 0.00	30.44 -0.78 0.00	33.68 -0.86 0.00	39.42 -0.85 0.00	37.76 -0.73 0.00	37.07 -0.83 0.00	35.95 -0.92 0.00	34.10 -0.87 0.00	33.33 -0.89 0.00	32.89 -0.77 0.00
PUCKETT___SOLAR 323809	32.42 1.03 0.00	30.40 0.94 0.00	29.37 0.85 0.00	29.91 0.93 0.00	30.34 1.03 0.00	31.93 1.11 0.00	34.39 1.23 0.00	34.90 1.02 0.00	35.83 0.87 0.00	35.27 0.79 0.00	34.78 0.68 0.00	33.91 0.50 0.00	30.97 0.40 0.00	29.95 0.41 0.00	30.22 0.42 0.00	31.79 0.56 0.00	35.30 0.76 0.00	41.52 1.25 0.00	39.91 1.42 0.00	39.00 1.10 0.00	37.83 0.96 0.00	35.95 0.98 0.00	35.04 0.82 0.00	34.57 0.91 0.00
PYRITES___HYD 24023	31.70 0.31 0.00	30.02 0.56 0.00	29.03 0.51 0.00	29.56 0.58 0.00	29.96 0.64 0.00	31.13 0.31 0.00	33.22 0.07 0.00	34.19 0.30 0.00	35.27 0.31 0.00	34.75 0.28 0.00	34.27 0.17 0.00	33.55 0.13 0.00	30.60 0.03 0.00	29.78 0.24 0.00	30.08 0.27 0.00	31.29 0.06 0.00	34.92 0.38 0.00	40.23 -0.04 0.00	38.29 -0.19 0.00	37.86 -0.04 0.00	37.27 0.41 0.00	35.25 0.28 0.00	34.40 0.17 0.00	34.06 0.40 0.00
QUAKERRD_115KV_BK1 80622	29.91 -1.48 0.00	28.05 -1.41 0.00	27.06 -1.45 0.00	27.59 -1.39 0.00	28.02 -1.29 0.00	29.46 -1.36 0.00	31.60 -1.56 0.00	31.78 -2.10 0.00	32.54 -2.41 0.00	32.23 -2.24 0.00	31.88 -2.22 0.00	31.37 -2.04 0.00	28.74 -1.83 0.00	27.68 -1.86 0.00	27.87 -1.94 0.00	29.13 -2.09 0.00	32.02 -2.52 0.00	37.41 -2.86 0.00	35.87 -2.62 0.00	35.10 -2.80 0.00	34.07 -2.80 0.00	32.31 -2.66 0.00	31.55 -2.67 0.00	31.47 -2.19 0.00
QUENSBRY_115KV_TB8 356137	32.86 1.48 0.00	30.82 1.36 0.00	29.83 1.31 0.00	30.32 1.33 0.00	30.72 1.41 0.00	32.36 1.54 0.00	34.88 1.72 0.00	35.78 1.90 0.00	37.05 2.10 0.00	36.47 2.00 0.00	36.04 1.94 0.00	35.18 1.77 0.00	31.95 1.38 0.00	30.84 1.30 0.00	31.15 1.34 0.00	32.82 1.59 0.00	36.51 1.97 0.00	43.05 2.78 0.00	41.34 2.85 0.00	40.40 2.50 0.00	39.01 2.14 0.00	36.93 1.96 0.00	36.18 1.95 0.00	35.48 1.82 0.00
RAMAPO___LBMP 323565	32.33 0.94 0.00	30.29 0.82 0.00	29.40 0.88 0.00	29.82 0.84 0.00	30.10 0.79 0.00	31.71 0.89 0.00	34.28 1.13 0.00	35.24 1.36 0.00	36.46 1.50 0.00	35.92 1.45 0.00	35.57 1.47 0.00	34.88 1.47 0.00	32.01 1.44 0.00	30.90 1.36 0.00	31.18 1.37 0.00	32.69 1.47 0.00	36.10 1.55 0.00	42.65 2.38 0.00	40.87 2.39 0.00	40.10 2.20 0.00	38.60 1.73 0.00	36.62 1.64 0.00	35.87 1.64 0.00	35.07 1.41 0.00
RANKINE____ 23646	30.70 -0.69 0.00	28.90 -0.56 0.00	27.77 -0.74 0.00	28.40 -0.58 0.00	28.84 -0.47 0.00	30.29 -0.52 0.00	32.46 -0.70 0.00	31.95 -1.93 0.00	32.44 -2.52 0.00	32.23 -2.24 0.00	31.92 -2.18 0.00	31.61 -1.80 0.00	29.08 -1.50 0.00	28.00 -1.54 0.00	28.14 -1.67 0.00	29.29 -1.94 0.00	31.64 -2.90 0.00	36.93 -3.34 0.00	35.56 -2.93 0.00	34.57 -3.34 0.00	33.55 -3.32 0.00	31.86 -3.11 0.00	31.11 -3.11 0.00	31.61 -2.05 0.00
RAVENSWOOD_GT2_1 24244	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.95 1.99 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.80 2.88 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
RAVENSWOOD_GT2_2 24245	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.95 1.99 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.80 2.88 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
RAVENSWOOD_GT2_3 24246	32.67 1.29 0.00	30.58 1.12 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.74 1.94 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.84 2.92 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
RAVENSWOOD_GT2_4 24247	32.67 1.29 0.00	30.58 1.12 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.74 1.94 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.84 2.92 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
RAVENSWOOD_GT3_1 24248	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.84 2.92 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00



RAVENSWOOD_GT3_2 24249	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.84 2.92 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
RAVENSWOOD_GT3_3 24250	32.70 1.32 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.05 1.23 0.00	34.68 1.53 0.00	35.75 1.86 0.00	37.02 2.06 0.00	36.47 2.00 0.00	36.15 2.05 0.00	35.45 2.04 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.28 2.06 0.00	36.72 2.18 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.23 2.36 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.71 2.05 0.00
RAVENSWOOD_GT3_4 24251	32.70 1.32 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.05 1.23 0.00	34.68 1.53 0.00	35.75 1.86 0.00	37.02 2.06 0.00	36.47 2.00 0.00	36.15 2.05 0.00	35.45 2.04 0.00	32.59 2.02 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.28 2.06 0.00	36.72 2.18 0.00	43.41 3.14 0.00	41.66 3.16 -0.02	40.87 2.96 -0.02	39.23 2.36 0.00	37.24 2.27 0.00	36.48 2.26 0.00	35.71 2.05 0.00
RAVENSWOOD_GT_1 23729	32.77 1.38 0.00	30.64 1.18 0.00	29.74 1.23 0.00	30.14 1.16 0.00	30.48 1.17 0.00	32.05 1.23 0.00	34.68 1.53 0.00	35.75 1.86 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.15 2.05 0.00	35.45 2.04 0.00	32.63 2.05 -0.01	31.49 1.95 0.00	31.81 2.00 -0.01	35.20 2.15 -1.82	36.76 2.21 -0.01	43.46 3.18 -0.01	43.43 3.23 -1.71	40.98 3.03 -0.05	39.23 2.36 0.00	37.66 2.38 -0.31	36.59 2.36 -0.01	37.06 2.19 -1.22
RAVENSWOOD_GT_10 24258	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.80 2.88 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
RAVENSWOOD_GT_11 24259	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.80 2.88 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
RAVENSWOOD_GT_4 24252	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.11 1.13 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.57 1.99 -0.01	31.43 1.89 0.00	31.72 1.91 -0.01	34.61 2.00 -1.39	36.69 2.14 -0.01	43.34 3.06 -0.01	42.88 3.08 -1.31	40.82 2.88 -0.04	39.19 2.32 0.00	37.41 2.20 -0.24	36.42 2.19 -0.01	36.57 1.99 -0.93
RAVENSWOOD_GT_5 24254	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.11 1.13 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.57 1.99 -0.01	31.43 1.89 0.00	31.72 1.91 -0.01	34.61 2.00 -1.39	36.69 2.14 -0.01	43.34 3.06 -0.01	42.88 3.08 -1.31	40.82 2.88 -0.04	39.19 2.32 0.00	37.41 2.20 -0.24	36.42 2.19 -0.01	36.57 1.99 -0.93
RAVENSWOOD_GT_6 24253	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.11 1.13 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.57 1.99 -0.01	31.43 1.89 0.00	31.72 1.91 -0.01	34.61 2.00 -1.39	36.69 2.14 -0.01	43.34 3.06 -0.01	42.88 3.08 -1.31	40.82 2.88 -0.04	39.19 2.32 0.00	37.41 2.20 -0.24	36.42 2.19 -0.01	36.57 1.99 -0.93
RAVENSWOOD_GT_7 24255	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.11 1.13 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.57 1.99 -0.01	31.43 1.89 0.00	31.72 1.91 -0.01	34.61 2.00 -1.39	36.69 2.14 -0.01	43.34 3.06 -0.01	42.88 3.08 -1.31	40.82 2.88 -0.04	39.19 2.32 0.00	37.41 2.20 -0.24	36.42 2.19 -0.01	36.57 1.99 -0.93
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.80 2.88 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
RAVENSWOOD_GT_9 24257	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.11 2.01 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.25 2.03 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.62 3.12 -0.02	40.80 2.88 -0.02	39.19 2.32 0.00	37.21 2.24 0.00	36.45 2.22 0.00	35.68 2.02 0.00
RAVENSWOOD___1 23533	32.73 1.35 0.00	30.61 1.15 0.00	29.74 1.23 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.68 1.53 0.00	35.75 1.86 0.00	36.98 2.03 0.00	36.51 2.03 0.00	36.11 2.01 0.00	35.72 2.30 0.00	32.63 2.05 -0.01	31.50 1.95 -0.01	31.81 2.00 -0.01	33.38 2.15 0.00	36.76 2.21 0.00	43.46 3.18 -0.01	41.70 3.19 -0.02	40.91 2.99 -0.02	39.34 2.47 0.00	37.24 2.27 0.00	36.56 2.33 -0.01	35.85 2.19 -0.01
RAVENSWOOD___2 23534	32.73 1.35 0.00	30.61 1.15 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.45 1.14 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.72 2.30 0.00	32.60 2.02 -0.01	31.50 1.95 -0.01	31.78 1.97 -0.01	33.35 2.12 0.00	36.76 2.21 0.00	43.46 3.18 -0.01	41.66 3.16 -0.02	40.88 2.96 -0.02	39.34 2.47 0.00	37.21 2.24 0.00	36.56 2.33 -0.01	35.85 2.19 -0.01
RAVENSWOOD___3 23535	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.98 2.03 0.00	36.51 2.03 0.00	36.15 2.05 0.00	35.62 2.20 0.00	32.57 1.99 -0.01	31.47 1.92 -0.01	31.78 1.97 -0.01	33.28 2.06 0.00	36.72 2.18 0.00	43.38 3.10 -0.01	41.58 3.08 -0.02	40.80 2.88 -0.02	39.23 2.36 0.00	37.11 2.13 0.00	36.46 2.22 -0.01	35.72 2.05 -0.01

RAVENSWOOD___4 23820	32.70 1.32 0.00	30.58 1.12 0.00	29.71 1.20 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.95 1.99 0.00	36.47 2.00 0.00	36.11 2.01 0.00	35.69 2.27 0.00	32.59 2.02 0.00	31.47 1.92 -0.01	31.77 1.97 0.00	31.55 2.12 1.80	36.71 2.18 0.01	43.41 3.14 0.00	39.99 3.16 1.66	40.84 2.96 0.02	39.30 2.43 0.00	36.91 2.24 0.31	36.55 2.33 0.00	34.63 2.16 1.19
RCPI_TRUST___DRP 24196	32.67 1.29 0.00	30.58 1.12 0.00	29.71 1.20 0.00	30.11 1.13 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	37.02 2.06 0.00	36.47 2.00 0.00	36.15 2.05 0.00	35.45 2.04 0.00	32.56 1.99 0.00	31.46 1.92 0.00	31.74 1.94 0.00	33.22 2.00 0.00	36.69 2.14 0.00	43.37 3.10 0.00	41.58 3.08 -0.02	40.80 2.88 -0.02	39.23 2.36 0.00	37.17 2.20 0.00	36.41 2.19 0.00	35.65 1.99 0.00
RED___ROCHESTER 323720	30.70 -0.69 0.00	28.79 -0.68 0.00	27.72 -0.80 0.00	28.32 -0.67 0.00	28.75 -0.56 0.00	30.26 -0.55 0.00	32.43 -0.73 0.00	32.60 -1.29 0.00	33.31 -1.64 0.00	32.96 -1.52 0.00	32.67 -1.43 0.00	31.81 -1.60 0.00	29.38 -1.19 0.00	28.33 -1.21 0.00	28.50 -1.31 0.00	29.85 -1.37 0.00	32.68 -1.87 0.00	38.34 -1.93 0.00	36.91 -1.58 0.00	35.82 -2.08 0.00	34.80 -2.06 0.00	33.22 -1.75 0.00	32.31 -1.92 0.00	32.18 -1.48 0.00
REGAN___SOLAR 323812	34.99 3.61 0.00	32.85 3.39 0.00	31.73 3.22 0.00	32.31 3.33 0.00	32.77 3.46 0.00	34.55 3.73 0.00	37.30 4.14 0.00	38.05 4.17 0.00	39.32 4.37 0.00	38.61 4.13 0.00	37.99 3.89 0.00	36.99 3.58 0.00	33.45 2.87 0.00	32.38 2.84 0.00	32.76 2.95 0.00	34.66 3.43 0.00	38.83 4.28 0.00	45.87 5.60 0.00	44.22 5.74 0.00	43.02 5.11 0.00	41.51 4.65 0.00	39.41 4.44 0.00	38.54 4.31 0.00	37.83 4.17 0.00
RENSSELAER___COGEN 23796	31.70 0.31 0.00	29.76 0.29 0.00	28.83 0.31 0.00	29.27 0.29 0.00	29.57 0.26 0.00	31.13 0.31 0.00	33.56 0.40 0.00	34.36 0.47 0.00	35.51 0.56 0.00	34.99 0.52 0.00	34.61 0.51 0.00	33.95 0.53 0.00	31.00 0.43 0.00	29.98 0.44 0.00	30.26 0.45 0.00	31.75 0.53 0.00	35.13 0.59 0.00	41.28 1.01 0.00	39.53 1.04 0.00	38.77 0.87 0.00	37.49 0.63 0.00	35.53 0.56 0.00	34.87 0.65 0.00	34.23 0.57 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.05 2.67 0.00	31.91 2.45 0.00	30.82 2.31 0.00	31.39 2.41 0.00	31.83 2.52 0.00	33.56 2.74 0.00	36.21 3.05 0.00	37.20 3.32 0.00	38.52 3.57 0.00	37.95 3.48 0.00	37.41 3.31 0.00	36.42 3.01 0.00	32.93 2.35 0.00	31.76 2.22 0.00	32.10 2.30 0.00	33.88 2.65 0.00	37.86 3.32 0.00	44.78 4.51 0.00	43.07 4.58 0.00	41.96 4.06 0.00	40.44 3.58 0.00	38.29 3.32 0.00	37.48 3.25 0.00	36.79 3.13 0.00
REVERE_CPPR_DRP 24186	32.26 0.88 0.00	30.26 0.80 0.00	29.28 0.77 0.00	29.82 0.84 0.00	30.22 0.91 0.00	31.83 1.02 0.00	34.25 1.09 0.00	34.93 1.05 0.00	35.97 1.01 0.00	35.47 1.00 0.00	34.95 0.85 0.00	34.15 0.74 0.00	31.15 0.58 0.00	30.16 0.62 0.00	30.46 0.66 0.00	31.94 0.72 0.00	35.55 1.00 0.00	41.64 1.37 0.00	39.91 1.42 0.00	39.11 1.21 0.00	38.01 1.14 0.00	36.02 1.05 0.00	35.15 0.92 0.00	34.57 0.91 0.00
REYNOLDS_115KV_TB3 80639	31.95 0.56 0.00	30.02 0.56 0.00	29.08 0.57 0.00	29.53 0.55 0.00	29.81 0.50 0.00	31.40 0.59 0.00	33.85 0.70 0.00	34.66 0.78 0.00	35.79 0.84 0.00	35.30 0.83 0.00	34.95 0.85 0.00	34.21 0.80 0.00	31.34 0.76 0.00	30.25 0.71 0.00	30.55 0.75 0.00	32.07 0.84 0.00	35.44 0.90 0.00	41.64 1.37 0.00	39.91 1.42 0.00	39.15 1.25 0.00	37.83 0.96 0.00	35.88 0.91 0.00	35.22 0.99 0.00	34.54 0.88 0.00
RIVERBAY____ 323610	33.11 1.73 0.00	30.91 1.44 0.00	30.02 1.51 0.00	30.40 1.42 0.00	30.78 1.47 0.00	32.33 1.51 0.00	34.91 1.76 0.00	35.92 2.03 0.00	37.09 2.13 0.00	36.57 2.10 0.00	36.28 2.18 0.00	35.62 2.21 0.00	32.84 2.26 0.00	31.76 2.22 0.00	32.07 2.27 0.00	33.63 2.40 0.00	37.03 2.49 0.00	43.77 3.50 0.00	41.97 3.46 -0.02	41.18 3.26 -0.02	39.52 2.65 0.00	37.73 2.76 0.00	37.00 2.77 0.00	36.29 2.63 0.00
RIVERSDE_115KV_TB3 55908	31.86 0.47 0.00	29.87 0.41 0.00	28.94 0.43 0.00	29.42 0.43 0.00	29.72 0.41 0.00	31.28 0.46 0.00	33.72 0.56 0.00	34.53 0.64 0.00	35.65 0.70 0.00	35.16 0.69 0.00	34.82 0.72 0.00	34.08 0.67 0.00	31.19 0.61 0.00	30.10 0.56 0.00	30.40 0.60 0.00	31.91 0.69 0.00	35.30 0.76 0.00	41.52 1.25 0.00	39.76 1.27 0.00	39.00 1.10 0.00	37.68 0.81 0.00	35.74 0.77 0.00	35.05 0.82 0.00	34.40 0.74 0.00
ROARING___BROOK_WT_PWR 323790	31.32 -0.06 0.00	29.46 0.00 0.00	28.51 0.00 0.00	28.98 0.00 0.00	29.31 0.00 0.00	30.79 -0.03 0.00	33.06 -0.10 0.00	33.85 -0.03 0.00	34.92 -0.03 0.00	34.47 0.00 0.00	34.10 0.00 0.00	33.41 0.00 0.00	30.60 0.03 0.00	29.57 0.03 0.00	29.84 0.03 0.00	31.22 0.00 0.00	34.58 0.03 0.00	40.11 -0.16 0.00	38.26 -0.23 0.00	37.75 -0.15 0.00	36.83 -0.04 0.00	34.94 -0.03 0.00	34.19 -0.03 0.00	33.66 0.00 0.00
ROCHESRG_115KV_T4 355643	30.38 -1.00 0.00	28.52 -0.94 0.00	27.46 -1.05 0.00	28.03 -0.96 0.00	28.46 -0.85 0.00	29.92 -0.89 0.00	32.10 -1.06 0.00	32.16 -1.73 0.00	32.86 -2.10 0.00	32.54 -1.93 0.00	32.19 -1.91 0.00	31.74 -1.67 0.00	29.11 -1.47 0.00	28.03 -1.51 0.00	28.23 -1.58 0.00	29.48 -1.75 0.00	32.26 -2.28 0.00	37.65 -2.62 0.00	36.18 -2.31 0.00	35.32 -2.58 0.00	34.29 -2.58 0.00	32.52 -2.45 0.00	31.76 -2.46 0.00	31.81 -1.85 0.00
ROCHESTER_9_IC 23652	30.57 -0.82 0.00	28.67 -0.80 0.00	27.60 -0.91 0.00	28.20 -0.78 0.00	28.64 -0.67 0.00	30.11 -0.71 0.00	32.26 -0.90 0.00	32.32 -1.56 0.00	33.03 -1.92 0.00	32.75 -1.72 0.00	32.40 -1.71 0.00	31.94 -1.47 0.00	29.26 -1.31 0.00	28.18 -1.36 0.00	28.38 -1.43 0.00	29.63 -1.59 0.00	32.44 -2.11 0.00	37.93 -2.34 0.00	36.41 -2.08 0.00	35.55 -2.35 0.00	34.51 -2.36 0.00	32.73 -2.24 0.00	31.97 -2.26 0.00	31.98 -1.68 0.00
ROCKVIEW_13_KV_LD 356306	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.11 1.13 0.00	30.39 1.08 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.98 2.03 0.00	36.40 1.93 0.00	36.08 1.98 0.00	35.38 1.97 0.00	32.47 1.90 0.00	31.34 1.80 0.00	31.63 1.82 0.00	33.16 1.94 0.00	36.65 2.11 0.00	43.29 3.02 0.00	41.53 3.04 0.00	40.74 2.84 0.00	39.12 2.25 0.00	37.10 2.13 0.00	36.35 2.12 0.00	35.55 1.88 0.00
ROME____115KV_TB2 80656	32.26 0.88 0.00	30.26 0.80 0.00	29.28 0.77 0.00	29.82 0.84 0.00	30.22 0.91 0.00	31.83 1.02 0.00	34.25 1.09 0.00	34.93 1.05 0.00	35.97 1.01 0.00	35.47 1.00 0.00	34.95 0.85 0.00	34.15 0.74 0.00	31.15 0.58 0.00	30.16 0.62 0.00	30.46 0.66 0.00	31.94 0.72 0.00	35.55 1.00 0.00	41.64 1.37 0.00	39.91 1.42 0.00	39.11 1.21 0.00	38.01 1.14 0.00	36.02 1.05 0.00	35.15 0.92 0.00	34.57 0.91 0.00

ROSETON___1 23587	32.36 0.97 0.00	30.34 0.88 0.00	29.43 0.91 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.74 0.92 0.00	34.29 1.13 0.00	35.24 1.36 0.00	36.46 1.50 0.00	35.92 1.45 0.00	35.57 1.47 0.00	34.98 1.57 0.00	31.95 1.38 0.00	30.90 1.36 0.00	31.18 1.37 0.00	32.66 1.44 0.00	36.10 1.56 0.00	42.52 2.25 0.00	40.76 2.27 0.00	39.98 2.08 0.00	38.57 1.70 0.00	36.51 1.54 0.00	35.80 1.58 0.00	35.11 1.45 0.00
ROSETON___2 23588	32.36 0.97 0.00	30.34 0.88 0.00	29.43 0.91 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.74 0.92 0.00	34.29 1.13 0.00	35.24 1.36 0.00	36.46 1.50 0.00	35.92 1.45 0.00	35.57 1.47 0.00	34.98 1.57 0.00	31.95 1.38 0.00	30.90 1.36 0.00	31.18 1.37 0.00	32.66 1.44 0.00	36.10 1.56 0.00	42.52 2.25 0.00	40.76 2.27 0.00	39.98 2.08 0.00	38.57 1.70 0.00	36.51 1.54 0.00	35.80 1.58 0.00	35.11 1.45 0.00
ROTTTRDAM_115KV_TB3 80664	32.20 0.82 0.00	30.23 0.77 0.00	29.25 0.74 0.00	29.74 0.75 0.00	30.07 0.76 0.00	31.65 0.83 0.00	34.12 0.96 0.00	34.90 1.02 0.00	36.07 1.12 0.00	35.54 1.07 0.00	35.16 1.06 0.00	34.42 1.00 0.00	31.46 0.89 0.00	30.37 0.83 0.00	30.67 0.86 0.00	32.19 0.97 0.00	35.65 1.11 0.00	41.84 1.57 0.00	40.10 1.62 0.00	39.34 1.44 0.00	38.05 1.18 0.00	36.09 1.12 0.00	35.35 1.13 0.00	34.74 1.08 0.00
RUSSELL___1 23602	30.70 -0.69 0.00	28.78 -0.68 0.00	27.72 -0.80 0.00	28.32 -0.67 0.00	28.75 -0.56 0.00	30.23 -0.59 0.00	32.43 -0.73 0.00	32.49 -1.39 0.00	33.21 -1.75 0.00	32.92 -1.55 0.00	32.57 -1.53 0.00	32.11 -1.30 0.00	29.41 -1.16 0.00	28.33 -1.21 0.00	28.50 -1.31 0.00	29.76 -1.47 0.00	32.61 -1.93 0.00	38.14 -2.13 0.00	36.60 -1.89 0.00	35.74 -2.16 0.00	34.69 -2.18 0.00	32.91 -2.06 0.00	32.14 -2.09 0.00	32.15 -1.51 0.00
RUSSELL___2 23532	30.70 -0.69 0.00	28.78 -0.68 0.00	27.72 -0.80 0.00	28.32 -0.67 0.00	28.75 -0.56 0.00	30.23 -0.59 0.00	32.43 -0.73 0.00	32.49 -1.39 0.00	33.21 -1.75 0.00	32.92 -1.55 0.00	32.57 -1.53 0.00	32.11 -1.30 0.00	29.41 -1.16 0.00	28.33 -1.21 0.00	28.50 -1.31 0.00	29.76 -1.47 0.00	32.61 -1.93 0.00	38.14 -2.13 0.00	36.60 -1.89 0.00	35.74 -2.16 0.00	34.69 -2.18 0.00	32.91 -2.06 0.00	32.14 -2.09 0.00	32.15 -1.51 0.00
RUSSELL___3 23549	30.70 -0.69 0.00	28.78 -0.68 0.00	27.72 -0.80 0.00	28.32 -0.67 0.00	28.75 -0.56 0.00	30.23 -0.59 0.00	32.43 -0.73 0.00	32.49 -1.39 0.00	33.21 -1.75 0.00	32.92 -1.55 0.00	32.57 -1.53 0.00	32.11 -1.30 0.00	29.41 -1.16 0.00	28.33 -1.21 0.00	28.50 -1.31 0.00	29.76 -1.47 0.00	32.61 -1.93 0.00	38.14 -2.13 0.00	36.60 -1.89 0.00	35.74 -2.16 0.00	34.69 -2.18 0.00	32.91 -2.06 0.00	32.14 -2.09 0.00	32.15 -1.51 0.00
RUSSELL___4 23556	30.70 -0.69 0.00	28.78 -0.68 0.00	27.72 -0.80 0.00	28.32 -0.67 0.00	28.75 -0.56 0.00	30.23 -0.59 0.00	32.43 -0.73 0.00	32.49 -1.39 0.00	33.21 -1.75 0.00	32.92 -1.55 0.00	32.57 -1.53 0.00	32.11 -1.30 0.00	29.41 -1.16 0.00	28.33 -1.21 0.00	28.50 -1.31 0.00	29.76 -1.47 0.00	32.61 -1.93 0.00	38.14 -2.13 0.00	36.60 -1.89 0.00	35.74 -2.16 0.00	34.69 -2.18 0.00	32.91 -2.06 0.00	32.14 -2.09 0.00	32.15 -1.51 0.00
RUSSELL___STATION 23914	30.70 -0.69 0.00	28.78 -0.68 0.00	27.72 -0.80 0.00	28.32 -0.67 0.00	28.75 -0.56 0.00	30.23 -0.59 0.00	32.43 -0.73 0.00	32.49 -1.39 0.00	33.21 -1.75 0.00	32.92 -1.55 0.00	32.57 -1.53 0.00	32.11 -1.30 0.00	29.41 -1.16 0.00	28.33 -1.21 0.00	28.50 -1.31 0.00	29.76 -1.47 0.00	32.61 -1.93 0.00	38.14 -2.13 0.00	36.60 -1.89 0.00	35.74 -2.16 0.00	34.69 -2.18 0.00	32.91 -2.06 0.00	32.14 -2.09 0.00	32.15 -1.51 0.00
S SALMON___HYD 24043	30.70 -0.69 0.00	28.79 -0.68 0.00	27.83 -0.68 0.00	28.32 -0.67 0.00	28.67 -0.64 0.00	30.11 -0.71 0.00	32.40 -0.76 0.00	32.97 -0.91 0.00	33.94 -1.01 0.00	33.47 -1.00 0.00	33.15 -0.95 0.00	32.44 -0.97 0.00	29.66 -0.92 0.00	28.68 -0.86 0.00	28.88 -0.92 0.00	30.29 -0.94 0.00	33.61 -0.93 0.00	39.35 -0.92 0.00	37.72 -0.77 0.00	36.95 -0.95 0.00	35.91 -0.96 0.00	34.13 -0.84 0.00	33.37 -0.85 0.00	32.85 -0.81 0.00
S.PERRY___115KV_TB1 80734	32.61 1.22 0.00	30.52 1.06 0.00	29.43 0.91 0.00	30.03 1.04 0.00	30.54 1.23 0.00	32.17 1.36 0.00	34.62 1.46 0.00	34.76 0.88 0.00	35.51 0.56 0.00	35.02 0.55 0.00	34.51 0.41 0.00	33.85 0.43 0.00	30.88 0.31 0.00	29.75 0.21 0.00	30.02 0.21 0.00	31.51 0.28 0.00	34.82 0.28 0.00	40.95 0.68 0.00	39.30 0.81 0.00	38.39 0.49 0.00	37.31 0.44 0.00	35.39 0.42 0.00	34.46 0.24 0.00	34.30 0.64 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.19 -1.19 0.00	28.43 -1.03 0.00	27.29 -1.23 0.00	27.94 -1.04 0.00	28.37 -0.94 0.00	29.80 -1.02 0.00	31.90 -1.26 0.00	31.38 -2.51 0.00	31.88 -3.08 0.00	31.68 -2.79 0.00	31.34 -2.76 0.00	31.11 -2.31 0.00	28.59 -1.99 0.00	27.56 -1.98 0.00	27.69 -2.12 0.00	28.79 -2.44 0.00	31.09 -3.45 0.00	36.28 -3.99 0.00	34.95 -3.54 0.00	33.96 -3.94 0.00	32.96 -3.91 0.00	31.30 -3.67 0.00	30.56 -3.66 0.00	31.10 -2.56 0.00
SAWYER___23_KV_LOAD 55526	30.19 -1.19 0.00	28.43 -1.03 0.00	27.29 -1.23 0.00	27.94 -1.04 0.00	28.37 -0.94 0.00	29.80 -1.02 0.00	31.90 -1.26 0.00	31.38 -2.51 0.00	31.88 -3.08 0.00	31.68 -2.79 0.00	31.34 -2.76 0.00	31.11 -2.31 0.00	28.59 -1.99 0.00	27.56 -1.98 0.00	27.69 -2.12 0.00	28.79 -2.44 0.00	31.09 -3.45 0.00	36.28 -3.99 0.00	34.95 -3.54 0.00	33.96 -3.94 0.00	32.96 -3.91 0.00	31.30 -3.67 0.00	30.56 -3.66 0.00	31.10 -2.56 0.00
SELKIRK___I 23801	32.08 0.69 0.00	30.11 0.65 0.00	29.14 0.63 0.00	29.62 0.64 0.00	29.93 0.62 0.00	31.50 0.68 0.00	33.92 0.76 0.00	34.66 0.78 0.00	35.83 0.87 0.00	35.30 0.83 0.00	34.92 0.82 0.00	34.21 0.80 0.00	31.25 0.67 0.00	30.19 0.65 0.00	30.49 0.69 0.00	32.01 0.78 0.00	35.41 0.86 0.00	41.56 1.29 0.00	39.80 1.31 0.00	39.04 1.14 0.00	37.79 0.92 0.00	35.85 0.87 0.00	35.15 0.92 0.00	34.53 0.87 0.00
SELKIRK___II 23799	31.86 0.47 0.00	29.87 0.41 0.00	28.94 0.43 0.00	29.42 0.44 0.00	29.72 0.41 0.00	31.28 0.46 0.00	33.69 0.53 0.00	34.49 0.61 0.00	35.62 0.66 0.00	35.13 0.65 0.00	34.75 0.65 0.00	34.08 0.67 0.00	31.12 0.55 0.00	30.10 0.56 0.00	30.37 0.56 0.00	31.85 0.62 0.00	35.27 0.73 0.00	41.40 1.13 0.00	39.64 1.15 0.00	38.88 0.98 0.00	37.61 0.74 0.00	35.67 0.70 0.00	34.98 0.75 0.00	34.37 0.71 0.00
SENECA OSWGO___HYD 24041	30.67 -0.72 0.00	28.73 -0.74 0.00	27.77 -0.74 0.00	28.23 -0.75 0.00	28.58 -0.73 0.00	30.08 -0.74 0.00	32.36 -0.80 0.00	32.87 -1.02 0.00	33.87 -1.08 0.00	33.44 -1.03 0.00	33.08 -1.02 0.00	32.34 -1.07 0.00	29.57 -1.01 0.00	28.57 -0.97 0.00	28.79 -1.01 0.00	30.22 -1.00 0.00	33.44 -1.11 0.00	39.14 -1.13 0.00	37.53 -0.96 0.00	36.80 -1.10 0.00	35.73 -1.14 0.00	33.92 -1.05 0.00	33.13 -1.10 0.00	32.65 -1.01 0.00

SENECA___115KV_TB3 355854	30.76 -0.63 0.00	28.96 -0.50 0.00	27.80 -0.71 0.00	28.46 -0.52 0.00	28.90 -0.41 0.00	30.36 -0.46 0.00	32.49 -0.66 0.00	31.99 -1.90 0.00	32.47 -2.48 0.00	32.30 -2.17 0.00	31.95 -2.15 0.00	31.64 -1.77 0.00	29.11 -1.47 0.00	28.06 -1.48 0.00	28.17 -1.64 0.00	29.32 -1.90 0.00	31.68 -2.87 0.00	37.01 -3.26 0.00	35.64 -2.85 0.00	34.64 -3.26 0.00	33.59 -3.28 0.00	31.93 -3.04 0.00	31.18 -3.05 0.00	31.67 -1.99 0.00
SENECA___ENERGY 23797	31.26 -0.13 0.00	29.29 -0.18 0.00	28.28 -0.23 0.00	28.81 -0.17 0.00	29.19 -0.12 0.00	30.79 -0.03 0.00	33.09 -0.07 0.00	33.51 -0.37 0.00	34.43 -0.52 0.00	33.96 -0.52 0.00	33.59 -0.51 0.00	32.78 -0.64 0.00	30.02 -0.55 0.00	28.98 -0.56 0.00	29.21 -0.60 0.00	30.66 -0.56 0.00	33.89 -0.66 0.00	39.71 -0.56 0.00	38.10 -0.38 0.00	37.26 -0.64 0.00	36.21 -0.66 0.00	34.41 -0.56 0.00	33.54 -0.68 0.00	33.12 -0.54 0.00
SHOEMAKER___GT 23640	32.23 0.85 0.00	30.20 0.74 0.00	29.28 0.77 0.00	29.71 0.72 0.00	30.01 0.70 0.00	31.59 0.77 0.00	34.12 0.96 0.00	34.93 1.05 0.00	36.14 1.19 0.00	35.61 1.14 0.00	35.22 1.12 0.00	34.61 1.20 0.00	31.61 1.04 0.00	30.57 1.03 0.00	30.85 1.04 0.00	32.35 1.12 0.00	35.79 1.24 0.00	42.12 1.85 0.00	40.37 1.89 0.00	39.65 1.74 0.00	38.23 1.36 0.00	36.23 1.26 0.00	35.52 1.30 0.00	34.84 1.18 0.00
SHOEMAKR_138KV_BK 111 55601	32.20 0.82 0.00	30.20 0.74 0.00	29.28 0.77 0.00	29.71 0.72 0.00	29.98 0.67 0.00	31.59 0.77 0.00	34.12 0.96 0.00	34.93 1.05 0.00	36.14 1.19 0.00	35.61 1.14 0.00	35.23 1.13 0.00	34.55 1.14 0.00	31.64 1.07 0.00	30.57 1.03 0.00	30.85 1.04 0.00	32.35 1.12 0.00	35.75 1.21 0.00	42.16 1.89 0.00	40.41 1.92 0.00	39.68 1.78 0.00	38.23 1.36 0.00	36.30 1.33 0.00	35.52 1.30 0.00	34.80 1.14 0.00
SHOREHAM_IC_1 23715	35.25 2.42 -1.45	33.38 2.36 -1.56	31.59 2.34 -0.74	33.42 2.29 -2.14	34.90 2.35 -3.25	35.37 2.50 -2.06	35.94 2.79 0.00	41.01 3.18 -3.94	41.03 3.39 -2.68	41.69 3.31 -3.91	41.64 3.41 -4.13	39.78 3.37 -2.99	39.03 3.03 -5.43	39.00 2.93 -6.53	38.68 2.98 -5.89	39.74 3.15 -5.37	43.55 3.49 -5.52	53.35 4.47 -8.61	54.39 4.27 -11.63	53.88 4.43 -11.55	49.69 3.87 -8.95	43.42 3.60 -4.85	41.96 3.49 -4.25	39.82 3.23 -2.92
SHOREHAM_IC_2 23716	35.25 2.42 -1.45	33.38 2.36 -1.56	31.59 2.34 -0.74	33.42 2.29 -2.14	34.90 2.35 -3.25	35.37 2.50 -2.06	35.94 2.79 0.00	41.01 3.18 -3.94	41.03 3.39 -2.68	41.69 3.31 -3.91	41.64 3.41 -4.13	39.78 3.37 -2.99	39.03 3.03 -5.43	39.00 2.93 -6.53	38.68 2.98 -5.89	39.74 3.15 -5.37	43.55 3.49 -5.52	53.35 4.47 -8.61	54.39 4.27 -11.63	53.88 4.43 -11.55	49.69 3.87 -8.95	43.42 3.60 -4.85	41.96 3.49 -4.25	39.82 3.23 -2.92
SISSONVILLE____ 23735	31.14 -0.25 0.00	29.49 0.03 0.00	28.54 0.03 0.00	29.04 0.06 0.00	29.43 0.12 0.00	30.54 -0.28 0.00	32.56 -0.60 0.00	33.44 -0.44 0.00	34.53 -0.42 0.00	34.06 -0.41 0.00	33.59 -0.51 0.00	32.88 -0.53 0.00	30.02 -0.55 0.00	29.19 -0.35 0.00	29.48 -0.33 0.00	30.66 -0.56 0.00	34.16 -0.38 0.00	39.38 -0.89 0.00	37.45 -1.04 0.00	37.03 -0.87 0.00	36.43 -0.44 0.00	34.48 -0.49 0.00	33.68 -0.55 0.00	33.46 -0.20 0.00
SITHE_IND_GS1 24169	30.29 -1.10 0.00	28.40 -1.06 0.00	27.46 -1.05 0.00	27.91 -1.07 0.00	28.26 -1.05 0.00	29.71 -1.11 0.00	31.93 -1.23 0.00	32.49 -1.39 0.00	33.49 -1.47 0.00	33.03 -1.45 0.00	32.67 -1.43 0.00	31.98 -1.44 0.00	29.26 -1.31 0.00	28.27 -1.27 0.00	28.53 -1.28 0.00	29.88 -1.34 0.00	33.06 -1.48 0.00	38.62 -1.65 0.00	37.02 -1.46 0.00	36.31 -1.59 0.00	35.25 -1.62 0.00	33.50 -1.47 0.00	32.75 -1.47 0.00	32.25 -1.41 0.00
SITHE_IND_GS2 24170	30.29 -1.10 0.00	28.40 -1.06 0.00	27.46 -1.05 0.00	27.91 -1.07 0.00	28.26 -1.05 0.00	29.71 -1.11 0.00	31.93 -1.23 0.00	32.49 -1.39 0.00	33.49 -1.47 0.00	33.03 -1.45 0.00	32.67 -1.43 0.00	31.98 -1.44 0.00	29.26 -1.31 0.00	28.27 -1.27 0.00	28.53 -1.28 0.00	29.88 -1.34 0.00	33.06 -1.48 0.00	38.62 -1.65 0.00	37.02 -1.46 0.00	36.31 -1.59 0.00	35.25 -1.62 0.00	33.50 -1.47 0.00	32.75 -1.47 0.00	32.25 -1.41 0.00
SITHE_IND_GS3 24171	30.29 -1.10 0.00	28.40 -1.06 0.00	27.46 -1.05 0.00	27.91 -1.07 0.00	28.26 -1.05 0.00	29.71 -1.11 0.00	31.93 -1.23 0.00	32.49 -1.39 0.00	33.49 -1.47 0.00	33.03 -1.45 0.00	32.67 -1.43 0.00	31.98 -1.44 0.00	29.26 -1.31 0.00	28.27 -1.27 0.00	28.53 -1.28 0.00	29.88 -1.34 0.00	33.06 -1.48 0.00	38.62 -1.65 0.00	37.02 -1.46 0.00	36.31 -1.59 0.00	35.25 -1.62 0.00	33.50 -1.47 0.00	32.75 -1.47 0.00	32.25 -1.41 0.00
SITHE_IND_GS4 24172	30.29 -1.10 0.00	28.40 -1.06 0.00	27.46 -1.05 0.00	27.91 -1.07 0.00	28.26 -1.05 0.00	29.71 -1.11 0.00	31.93 -1.23 0.00	32.49 -1.39 0.00	33.49 -1.47 0.00	33.03 -1.45 0.00	32.67 -1.43 0.00	31.98 -1.44 0.00	29.26 -1.31 0.00	28.27 -1.27 0.00	28.53 -1.28 0.00	29.88 -1.34 0.00	33.06 -1.48 0.00	38.62 -1.65 0.00	37.02 -1.46 0.00	36.31 -1.59 0.00	35.25 -1.62 0.00	33.50 -1.47 0.00	32.75 -1.47 0.00	32.25 -1.41 0.00
SITHE___BATAVIA 24024	30.82 -0.56 0.00	28.93 -0.53 0.00	27.80 -0.71 0.00	28.43 -0.55 0.00	28.96 -0.35 0.00	30.48 -0.34 0.00	32.53 -0.63 0.00	32.39 -1.49 0.00	32.89 -2.06 0.00	32.58 -1.90 0.00	32.33 -1.77 0.00	31.37 -2.04 0.00	29.14 -1.44 0.00	28.09 -1.45 0.00	28.23 -1.58 0.00	29.54 -1.69 0.00	32.12 -2.42 0.00	37.77 -2.50 0.00	36.45 -2.04 0.00	35.14 -2.77 0.00	34.14 -2.73 0.00	32.70 -2.27 0.00	31.76 -2.46 0.00	31.88 -1.79 0.00
SITHE___INDEPEND 23800	30.29 -1.10 0.00	28.40 -1.06 0.00	27.46 -1.05 0.00	27.91 -1.07 0.00	28.26 -1.06 0.00	29.71 -1.11 0.00	31.93 -1.23 0.00	32.49 -1.39 0.00	33.45 -1.50 0.00	33.02 -1.45 0.00	32.67 -1.43 0.00	32.01 -1.40 0.00	29.29 -1.28 0.00	28.27 -1.27 0.00	28.53 -1.28 0.00	29.88 -1.34 0.00	33.02 -1.52 0.00	38.62 -1.65 0.00	36.95 -1.54 0.00	36.31 -1.59 0.00	35.25 -1.62 0.00	33.43 -1.54 0.00	32.72 -1.51 0.00	32.25 -1.41 0.00
SITHE___MASSENA 23902	31.64 0.25 0.00	29.90 0.44 0.00	28.94 0.43 0.00	29.45 0.46 0.00	29.78 0.47 0.00	31.09 0.28 0.00	33.29 0.13 0.00	34.12 0.24 0.00	35.23 0.28 0.00	34.75 0.27 0.00	34.31 0.21 0.00	33.61 0.20 0.00	30.94 0.37 0.00	29.84 0.30 0.00	30.14 0.33 0.00	31.38 0.16 0.00	34.82 0.28 0.00	40.15 -0.12 0.00	38.18 -0.31 0.00	37.83 -0.08 0.00	37.13 0.26 0.00	35.18 0.21 0.00	34.40 0.17 0.00	33.96 0.30 0.00
SITHE___OGDNSBRG 24021	31.79 0.41 0.00	30.11 0.65 0.00	29.11 0.60 0.00	29.65 0.67 0.00	30.01 0.70 0.00	31.25 0.43 0.00	33.42 0.27 0.00	34.36 0.47 0.00	35.44 0.49 0.00	34.92 0.45 0.00	34.44 0.34 0.00	33.71 0.30 0.00	30.79 0.21 0.00	29.92 0.38 0.00	30.22 0.42 0.00	31.47 0.25 0.00	35.10 0.55 0.00	40.43 0.16 0.00	38.49 0.00 0.00	38.05 0.15 0.00	37.46 0.59 0.00	35.43 0.45 0.00	34.60 0.38 0.00	34.20 0.54 0.00

SITHE___STERLING 23777	32.11 0.72 0.00	30.11 0.65 0.00	29.14 0.63 0.00	29.65 0.67 0.00	30.04 0.73 0.00	31.65 0.83 0.00	34.05 0.90 0.00	34.70 0.81 0.00	35.76 0.80 0.00	35.23 0.76 0.00	34.75 0.65 0.00	33.95 0.53 0.00	31.00 0.43 0.00	29.98 0.44 0.00	30.28 0.48 0.00	31.75 0.53 0.00	35.27 0.73 0.00	41.32 1.05 0.00	39.60 1.12 0.00	38.81 0.91 0.00	37.68 0.81 0.00	35.74 0.77 0.00	34.91 0.68 0.00	34.33 0.67 0.00
SLEIGHT__34_KV_TB1 80719	30.66 -0.72 0.00	28.73 -0.74 0.00	27.72 -0.80 0.00	28.26 -0.72 0.00	28.69 -0.62 0.00	30.20 -0.62 0.00	32.43 -0.73 0.00	32.70 -1.19 0.00	33.52 -1.43 0.00	33.16 -1.31 0.00	32.81 -1.30 0.00	32.21 -1.20 0.00	29.44 -1.13 0.00	28.39 -1.15 0.00	28.59 -1.22 0.00	29.94 -1.28 0.00	32.99 -1.55 0.00	38.58 -1.69 0.00	36.99 -1.50 0.00	36.20 -1.71 0.00	35.14 -1.73 0.00	33.33 -1.64 0.00	32.51 -1.71 0.00	32.31 -1.35 0.00
SOUTH CAIRO___GT 23612	32.99 1.60 0.00	30.91 1.44 0.00	29.85 1.34 0.00	30.37 1.39 0.00	30.60 1.29 0.00	32.24 1.42 0.00	34.75 1.59 0.00	35.10 1.22 0.00	36.32 1.36 0.00	35.61 1.14 0.00	35.16 1.06 0.00	34.38 0.97 0.00	31.19 0.61 0.00	30.07 0.53 0.00	30.43 0.63 0.00	32.16 0.94 0.00	35.86 1.31 0.00	42.16 1.89 0.00	40.49 2.00 0.00	39.68 1.78 0.00	38.31 1.44 0.00	36.33 1.36 0.00	35.69 1.47 0.00	35.14 1.48 0.00
SOUTH HAMPTN___IC 23720	35.69 2.86 -1.45	33.77 2.74 -1.56	31.96 2.71 -0.74	33.82 2.70 -2.14	35.28 2.73 -3.25	35.80 2.93 -2.06	36.41 3.25 0.00	41.48 3.66 -3.94	41.48 3.85 -2.68	42.14 3.76 -3.91	42.12 3.89 -4.13	40.18 3.77 -2.99	39.39 3.39 -5.43	39.35 3.28 -6.53	39.04 3.34 -5.89	40.12 3.53 -5.37	44.04 3.97 -5.52	54.04 5.16 -8.61	55.12 5.00 -11.63	54.45 5.00 -11.55	50.21 4.39 -8.95	43.91 4.09 -4.85	42.44 3.97 -4.25	40.25 3.67 -2.92
SOUTHDOW_115KV_TB1 355954	32.11 0.72 0.00	30.26 0.80 0.00	29.06 0.54 0.00	29.71 0.72 0.00	30.19 0.88 0.00	31.74 0.92 0.00	34.12 0.96 0.00	33.65 -0.24 0.00	34.19 -0.77 0.00	33.99 -0.48 0.00	33.66 -0.44 0.00	33.18 -0.23 0.00	30.54 -0.03 0.00	29.39 -0.15 0.00	29.51 -0.30 0.00	30.72 -0.50 0.00	33.27 -1.28 0.00	39.06 -1.21 0.00	37.64 -0.85 0.00	36.54 -1.36 0.00	35.43 -1.44 0.00	33.71 -1.26 0.00	32.86 -1.37 0.00	33.22 -0.44 0.00
SOUTHOLD_69_KV_BK 2 55809	36.23 3.39 -1.45	34.24 3.21 -1.56	32.45 3.19 -0.74	34.32 3.19 -2.14	35.72 3.17 -3.25	36.33 3.45 -2.06	36.97 3.81 0.00	42.06 4.24 -3.94	42.08 4.44 -2.68	42.69 4.31 -3.91	42.70 4.47 -4.13	40.58 4.18 -2.99	39.85 3.85 -5.43	39.77 3.69 -6.53	39.45 3.76 -5.89	40.62 4.03 -5.37	44.66 4.59 -5.52	54.84 5.96 -8.61	55.93 5.81 -11.63	55.25 5.80 -11.55	50.87 5.05 -8.95	44.58 4.76 -4.85	43.02 4.55 -4.25	40.79 4.21 -2.92
SOUTHOLD___IC 23719	36.23 3.39 -1.45	34.24 3.21 -1.56	32.45 3.19 -0.74	34.32 3.19 -2.14	35.81 3.25 -3.25	36.33 3.45 -2.06	36.97 3.81 0.00	42.09 4.27 -3.94	42.11 4.48 -2.68	42.76 4.38 -3.91	42.74 4.50 -4.13	40.71 4.31 -2.99	39.85 3.85 -5.43	39.83 3.75 -6.53	39.48 3.79 -5.89	40.62 4.03 -5.37	44.70 4.63 -5.52	54.84 5.96 -8.61	55.93 5.81 -11.63	55.21 5.76 -11.55	50.91 5.09 -8.95	44.54 4.72 -4.85	43.02 4.55 -4.25	40.83 4.24 -2.92
SOUTH_FORK_WT_PWR 323839	36.29 3.45 -1.45	34.30 3.27 -1.56	32.48 3.22 -0.74	34.37 3.25 -2.14	35.84 3.28 -3.25	36.39 3.51 -2.06	37.04 3.88 0.00	42.16 4.34 -3.94	42.15 4.51 -2.68	42.79 4.41 -3.91	42.77 4.54 -4.13	40.74 4.34 -2.99	39.91 3.91 -5.43	39.86 3.78 -6.53	39.54 3.85 -5.89	40.68 4.09 -5.37	44.73 4.66 -5.52	54.92 6.04 -8.61	56.00 5.89 -11.63	55.29 5.83 -11.55	50.98 5.16 -8.95	44.61 4.79 -4.85	43.09 4.62 -4.25	40.86 4.28 -2.92
SPIERFLS_115KV_TB 1 80737	32.64 1.26 0.00	30.61 1.15 0.00	29.63 1.11 0.00	30.14 1.16 0.00	30.51 1.20 0.00	32.14 1.33 0.00	34.68 1.53 0.00	35.58 1.69 0.00	36.81 1.85 0.00	36.23 1.76 0.00	35.81 1.71 0.00	34.95 1.54 0.00	31.80 1.22 0.00	30.66 1.12 0.00	31.00 1.19 0.00	32.63 1.41 0.00	36.27 1.73 0.00	42.77 2.50 0.00	41.07 2.58 0.00	40.14 2.24 0.00	38.75 1.88 0.00	36.72 1.75 0.00	35.94 1.71 0.00	35.28 1.62 0.00
ST LAWRENCE____ 23600	31.35 -0.03 0.00	29.55 0.09 0.00	28.60 0.09 0.00	29.07 0.09 0.00	29.40 0.09 0.00	30.82 0.00 0.00	33.06 -0.10 0.00	33.88 0.00 0.00	34.95 0.00 0.00	34.47 0.00 0.00	34.07 -0.03 0.00	33.41 0.00 0.00	30.64 0.06 0.00	29.57 0.03 0.00	29.84 0.03 0.00	31.16 -0.06 0.00	34.54 0.00 0.00	39.83 -0.44 0.00	37.87 -0.62 0.00	37.56 -0.34 0.00	36.87 0.00 0.00	34.94 -0.03 0.00	34.16 -0.07 0.00	33.66 0.00 0.00
STATE_CA_115KV_115_LB 55624	31.83 0.44 0.00	29.87 0.41 0.00	28.94 0.43 0.00	29.39 0.41 0.00	29.69 0.38 0.00	31.25 0.43 0.00	33.69 0.53 0.00	34.49 0.61 0.00	35.65 0.70 0.00	35.13 0.65 0.00	34.78 0.68 0.00	34.05 0.63 0.00	31.15 0.58 0.00	30.07 0.53 0.00	30.37 0.57 0.00	31.88 0.66 0.00	35.30 0.76 0.00	41.48 1.21 0.00	39.76 1.27 0.00	39.00 1.10 0.00	37.68 0.81 0.00	35.71 0.73 0.00	35.05 0.82 0.00	34.37 0.71 0.00
STATE_ST_34_KV_LOAD 55959	31.42 0.03 0.00	29.43 -0.03 0.00	28.46 -0.06 0.00	28.95 -0.03 0.00	29.34 0.03 0.00	30.91 0.09 0.00	33.26 0.10 0.00	33.71 -0.17 0.00	34.71 -0.24 0.00	34.23 -0.24 0.00	33.86 -0.24 0.00	33.15 -0.27 0.00	30.27 -0.31 0.00	29.22 -0.32 0.00	29.45 -0.36 0.00	30.91 -0.31 0.00	34.20 -0.35 0.00	40.03 -0.24 0.00	38.37 -0.12 0.00	37.67 -0.23 0.00	36.54 -0.33 0.00	34.66 -0.31 0.00	33.85 -0.38 0.00	33.39 -0.27 0.00
STATION 5_MISC_HYD 23604	30.57 -0.82 0.00	28.67 -0.79 0.00	27.60 -0.91 0.00	28.20 -0.78 0.00	28.64 -0.67 0.00	30.14 -0.68 0.00	32.26 -0.89 0.00	32.46 -1.42 0.00	33.14 -1.82 0.00	32.78 -1.69 0.00	32.50 -1.60 0.00	31.67 -1.74 0.00	29.23 -1.34 0.00	28.18 -1.36 0.00	28.38 -1.43 0.00	29.69 -1.53 0.00	32.51 -2.04 0.00	38.13 -2.14 0.00	36.68 -1.81 0.00	35.63 -2.27 0.00	34.58 -2.29 0.00	33.05 -1.92 0.00	32.14 -2.09 0.00	32.01 -1.65 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.17 -0.22 0.00	29.20 -0.27 0.00	28.17 -0.34 0.00	28.72 -0.26 0.00	29.16 -0.15 0.00	30.69 -0.12 0.00	32.96 -0.20 0.00	33.21 -0.68 0.00	34.05 -0.91 0.00	33.64 -0.83 0.00	33.28 -0.82 0.00	32.68 -0.74 0.00	29.90 -0.67 0.00	28.80 -0.74 0.00	29.00 -0.80 0.00	30.35 -0.87 0.00	33.44 -1.11 0.00	39.14 -1.13 0.00	37.52 -0.96 0.00	36.73 -1.17 0.00	35.65 -1.22 0.00	33.82 -1.15 0.00	32.99 -1.23 0.00	32.82 -0.84 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.44 -0.94 0.00	28.55 -0.91 0.00	27.49 -1.03 0.00	28.06 -0.93 0.00	28.52 -0.79 0.00	29.99 -0.83 0.00	32.13 -1.03 0.00	32.26 -1.63 0.00	33.00 -1.96 0.00	32.68 -1.79 0.00	32.33 -1.77 0.00	31.88 -1.54 0.00	29.17 -1.41 0.00	28.12 -1.42 0.00	28.29 -1.52 0.00	29.57 -1.65 0.00	32.40 -2.14 0.00	37.89 -2.38 0.00	36.37 -2.12 0.00	35.51 -2.39 0.00	34.47 -2.40 0.00	32.70 -2.27 0.00	31.93 -2.29 0.00	31.91 -1.75 0.00

STA_56___34_KV_BUS2 355983	30.44 -0.94 0.00	28.55 -0.91 0.00	27.49 -1.03 0.00	28.06 -0.93 0.00	28.52 -0.79 0.00	29.99 -0.83 0.00	32.13 -1.03 0.00	32.26 -1.63 0.00	33.00 -1.96 0.00	32.68 -1.79 0.00	32.33 -1.77 0.00	31.88 -1.54 0.00	29.17 -1.41 0.00	28.12 -1.42 0.00	28.29 -1.52 0.00	29.57 -1.65 0.00	32.40 -2.14 0.00	37.89 -2.38 0.00	36.37 -2.12 0.00	35.51 -2.39 0.00	34.47 -2.40 0.00	32.70 -2.27 0.00	31.93 -2.29 0.00	31.91 -1.75 0.00
STA_67___115KV_BK2 355882	30.51 -0.88 0.00	28.61 -0.85 0.00	27.54 -0.97 0.00	28.14 -0.84 0.00	28.58 -0.73 0.00	30.05 -0.77 0.00	32.20 -0.96 0.00	32.26 -1.63 0.00	32.96 -1.99 0.00	32.68 -1.79 0.00	32.29 -1.81 0.00	31.88 -1.54 0.00	29.20 -1.38 0.00	28.12 -1.42 0.00	28.32 -1.49 0.00	29.57 -1.65 0.00	32.37 -2.18 0.00	37.81 -2.46 0.00	36.29 -2.19 0.00	35.48 -2.43 0.00	34.44 -2.43 0.00	32.66 -2.31 0.00	31.90 -2.33 0.00	31.91 -1.75 0.00
STA_7___115KV_9TRANS 80674	30.70 -0.69 0.00	28.78 -0.68 0.00	27.72 -0.80 0.00	28.32 -0.67 0.00	28.75 -0.56 0.00	30.23 -0.59 0.00	32.43 -0.73 0.00	32.49 -1.39 0.00	33.21 -1.75 0.00	32.92 -1.55 0.00	32.57 -1.53 0.00	32.11 -1.30 0.00	29.41 -1.16 0.00	28.33 -1.21 0.00	28.50 -1.31 0.00	29.76 -1.47 0.00	32.61 -1.93 0.00	38.14 -2.13 0.00	36.60 -1.89 0.00	35.74 -2.16 0.00	34.69 -2.18 0.00	32.91 -2.06 0.00	32.14 -2.09 0.00	32.15 -1.51 0.00
STA_82___115KV_TB1 80780	30.51 -0.88 0.00	28.64 -0.82 0.00	27.57 -0.94 0.00	28.14 -0.84 0.00	28.61 -0.70 0.00	30.08 -0.74 0.00	32.23 -0.93 0.00	32.29 -1.59 0.00	33.00 -1.96 0.00	32.71 -1.76 0.00	32.33 -1.77 0.00	31.91 -1.50 0.00	29.20 -1.38 0.00	28.15 -1.39 0.00	28.32 -1.49 0.00	29.57 -1.65 0.00	32.40 -2.14 0.00	37.85 -2.42 0.00	36.33 -2.16 0.00	35.48 -2.43 0.00	34.44 -2.43 0.00	32.66 -2.31 0.00	31.90 -2.33 0.00	31.94 -1.72 0.00
STEEL___WIND 323596	30.73 -0.66 0.00	28.93 -0.53 0.00	27.77 -0.74 0.00	28.43 -0.55 0.00	28.87 -0.44 0.00	30.39 -0.43 0.00	32.46 -0.70 0.00	32.16 -1.73 0.00	32.61 -2.34 0.00	32.30 -2.17 0.00	32.12 -1.98 0.00	31.17 -2.24 0.00	29.05 -1.53 0.00	28.03 -1.51 0.00	28.17 -1.64 0.00	29.41 -1.81 0.00	31.78 -2.76 0.00	37.29 -2.98 0.00	36.10 -2.39 0.00	34.76 -3.15 0.00	33.70 -3.17 0.00	32.38 -2.59 0.00	31.45 -2.77 0.00	31.71 -1.95 0.00
STEPHTWN_115KV_BK_2 55603	32.08 0.69 0.00	30.11 0.65 0.00	29.17 0.66 0.00	29.62 0.64 0.00	29.93 0.62 0.00	31.53 0.71 0.00	33.99 0.83 0.00	34.83 0.95 0.00	36.00 1.05 0.00	35.47 1.00 0.00	35.09 0.99 0.00	34.35 0.94 0.00	31.37 0.79 0.00	30.28 0.74 0.00	30.58 0.77 0.00	32.13 0.91 0.00	35.61 1.07 0.00	41.92 1.65 0.00	40.18 1.69 0.00	39.38 1.48 0.00	38.01 1.14 0.00	36.06 1.08 0.00	35.35 1.13 0.00	34.70 1.04 0.00
STEBUBEN_REC_LFGE 323667	33.11 1.73 0.00	31.05 1.59 0.00	29.94 1.43 0.00	30.55 1.57 0.00	31.01 1.70 0.00	32.67 1.85 0.00	35.21 2.06 0.00	35.27 1.39 0.00	36.14 1.19 0.00	35.61 1.14 0.00	35.19 1.09 0.00	34.45 1.04 0.00	31.49 0.92 0.00	30.37 0.83 0.00	30.61 0.80 0.00	32.10 0.87 0.00	35.41 0.86 0.00	41.60 1.33 0.00	39.95 1.46 0.00	39.08 1.17 0.00	37.94 1.07 0.00	36.09 1.12 0.00	35.15 0.92 0.00	34.91 1.25 0.00
STILLWATER___SOLAR 323814	32.67 1.29 0.00	30.67 1.21 0.00	29.68 1.17 0.00	30.17 1.19 0.00	30.51 1.20 0.00	32.14 1.32 0.00	34.65 1.49 0.00	35.20 1.32 0.00	36.39 1.43 0.00	35.81 1.34 0.00	35.40 1.30 0.00	34.65 1.24 0.00	31.58 1.01 0.00	30.49 0.95 0.00	30.79 0.98 0.00	32.38 1.16 0.00	35.93 1.38 0.00	42.24 1.97 0.00	40.53 2.04 0.00	39.68 1.78 0.00	38.34 1.48 0.00	36.33 1.36 0.00	35.63 1.40 0.00	34.97 1.31 0.00
STONY___BROOK 24151	35.16 2.32 -1.45	33.18 2.15 -1.56	31.39 2.14 -0.74	33.24 2.11 -2.14	34.67 2.11 -3.25	35.16 2.28 -2.06	35.71 2.55 0.00	40.81 2.98 -3.94	40.82 3.18 -2.68	41.52 3.14 -3.91	41.41 3.17 -4.13	39.61 3.21 -2.99	38.87 2.87 -5.43	38.88 2.81 -6.53	38.56 2.86 -5.89	39.59 3.00 -5.37	43.38 3.32 -5.52	53.31 4.43 -8.61	54.46 4.35 -11.63	53.62 4.17 -11.55	49.47 3.65 -8.95	43.18 3.36 -4.85	41.76 3.29 -4.25	39.65 3.06 -2.92
STURGEON_POOL_HYD 23609	32.42 1.04 0.00	30.38 0.91 0.00	29.45 0.94 0.00	29.88 0.90 0.00	30.13 0.82 0.00	31.74 0.92 0.00	34.28 1.13 0.00	35.14 1.25 0.00	36.35 1.40 0.00	35.78 1.31 0.00	35.43 1.33 0.00	34.75 1.34 0.00	31.86 1.28 0.00	30.75 1.21 0.00	31.06 1.25 0.00	32.57 1.34 0.00	35.99 1.45 0.00	42.49 2.21 0.00	40.76 2.27 0.00	40.02 2.12 0.00	38.49 1.62 0.00	36.55 1.57 0.00	35.80 1.57 0.00	35.07 1.41 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.30 0.91 0.00	30.29 0.82 0.00	29.37 0.86 0.00	29.79 0.81 0.00	30.07 0.76 0.00	31.68 0.86 0.00	34.22 1.06 0.00	35.10 1.22 0.00	36.32 1.36 0.00	35.78 1.31 0.00	35.43 1.33 0.00	34.72 1.30 0.00	31.83 1.25 0.00	30.75 1.21 0.00	31.03 1.22 0.00	32.54 1.31 0.00	35.96 1.42 0.00	42.45 2.17 0.00	40.68 2.19 0.00	39.91 2.01 0.00	38.45 1.59 0.00	36.48 1.50 0.00	35.73 1.51 0.00	34.97 1.31 0.00
SWANROAD_115KV_TB1 355699	29.50 -1.88 0.00	27.81 -1.65 0.00	26.69 -1.82 0.00	27.33 -1.65 0.00	27.76 -1.55 0.00	29.15 -1.66 0.00	31.07 -2.09 0.00	30.53 -3.35 0.00	30.97 -3.98 0.00	30.78 -3.69 0.00	30.45 -3.65 0.00	30.27 -3.14 0.00	27.82 -2.75 0.00	26.82 -2.72 0.00	26.95 -2.86 0.00	28.01 -3.22 0.00	30.23 -4.32 0.00	35.20 -5.07 0.00	33.91 -4.58 0.00	32.97 -4.93 0.00	32.00 -4.87 0.00	30.36 -4.62 0.00	29.67 -4.55 0.00	30.26 -3.40 0.00
SYNERGY___BIOGAS 323694	30.82 -0.56 0.00	28.93 -0.53 0.00	27.80 -0.71 0.00	28.43 -0.55 0.00	28.96 -0.35 0.00	30.48 -0.34 0.00	32.53 -0.63 0.00	32.39 -1.49 0.00	32.89 -2.06 0.00	32.58 -1.90 0.00	32.33 -1.77 0.00	31.37 -2.04 0.00	29.14 -1.44 0.00	28.09 -1.45 0.00	28.23 -1.58 0.00	29.54 -1.69 0.00	32.12 -2.42 0.00	37.77 -2.50 0.00	36.45 -2.04 0.00	35.14 -2.77 0.00	34.14 -2.73 0.00	32.70 -2.27 0.00	31.76 -2.46 0.00	31.88 -1.79 0.00
SYRACUSE___ENERGY_ST1 323597	31.17 -0.22 0.00	29.20 -0.27 0.00	28.23 -0.29 0.00	28.69 -0.29 0.00	29.05 -0.26 0.00	30.57 -0.25 0.00	32.89 -0.27 0.00	33.38 -0.51 0.00	34.39 -0.56 0.00	33.92 -0.55 0.00	33.56 -0.55 0.00	32.84 -0.57 0.00	30.02 -0.55 0.00	28.98 -0.56 0.00	29.24 -0.57 0.00	30.66 -0.56 0.00	33.92 -0.62 0.00	39.71 -0.56 0.00	38.03 -0.46 0.00	37.33 -0.57 0.00	36.24 -0.63 0.00	34.38 -0.59 0.00	33.61 -0.62 0.00	33.12 -0.54 0.00
SYRACUSE___ENERGY_ST2 323598	31.17 -0.22 0.00	29.20 -0.27 0.00	28.23 -0.29 0.00	28.69 -0.29 0.00	29.05 -0.26 0.00	30.57 -0.25 0.00	32.89 -0.27 0.00	33.38 -0.51 0.00	34.39 -0.56 0.00	33.92 -0.55 0.00	33.56 -0.55 0.00	32.84 -0.57 0.00	30.02 -0.55 0.00	28.98 -0.56 0.00	29.24 -0.57 0.00	30.66 -0.56 0.00	33.92 -0.62 0.00	39.71 -0.56 0.00	38.03 -0.46 0.00	37.33 -0.57 0.00	36.24 -0.63 0.00	34.38 -0.59 0.00	33.61 -0.62 0.00	33.12 -0.54 0.00



VISCHER___FERRY HYD 24020	32.33 0.94 0.00	30.34 0.88 0.00	29.40 0.88 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.77 0.96 0.00	34.25 1.09 0.00	35.00 1.12 0.00	36.18 1.22 0.00	35.64 1.17 0.00	35.26 1.16 0.00	34.55 1.14 0.00	31.55 0.98 0.00	30.49 0.95 0.00	30.79 0.98 0.00	32.29 1.06 0.00	35.75 1.21 0.00	42.04 1.77 0.00	40.26 1.77 0.00	39.49 1.59 0.00	38.16 1.29 0.00	36.16 1.19 0.00	35.45 1.23 0.00	34.84 1.18 0.00
V_A_10_SYNC_DSASP 323832	29.79 -1.60 0.00	28.02 -1.44 0.00	26.92 -1.60 0.00	27.53 -1.45 0.00	27.96 -1.35 0.00	29.43 -1.39 0.00	31.43 -1.73 0.00	31.34 -2.54 0.00	31.88 -3.08 0.00	31.58 -2.90 0.00	31.34 -2.76 0.00	30.47 -2.94 0.00	28.31 -2.26 0.00	27.35 -2.19 0.00	27.51 -2.29 0.00	28.73 -2.50 0.00	31.16 -3.38 0.00	36.48 -3.79 0.00	35.22 -3.27 0.00	34.03 -3.87 0.00	33.03 -3.84 0.00	31.68 -3.29 0.00	30.80 -3.42 0.00	30.90 -2.76 0.00
V_CMM_10_SYNC_DSASP 323787	31.48 0.09 0.00	29.67 0.21 0.00	28.71 0.20 0.00	29.19 0.20 0.00	29.54 0.23 0.00	30.94 0.12 0.00	33.19 0.03 0.00	34.02 0.14 0.00	35.09 0.14 0.00	34.61 0.14 0.00	34.20 0.10 0.00	33.55 0.13 0.00	30.76 0.18 0.00	29.69 0.15 0.00	29.96 0.15 0.00	31.29 0.06 0.00	34.72 0.17 0.00	39.99 -0.28 0.00	38.06 -0.42 0.00	37.71 -0.19 0.00	37.02 0.15 0.00	35.08 0.11 0.00	34.29 0.07 0.00	33.80 0.14 0.00
V_CMP_10_SYNC_DSASP 323788	33.05 1.66 0.00	31.20 1.74 0.00	30.14 1.62 0.00	30.75 1.77 0.00	31.13 1.82 0.00	32.64 1.82 0.00	34.52 1.36 0.00	35.41 1.53 0.00	36.56 1.61 0.00	36.06 1.59 0.00	35.60 1.50 0.00	34.88 1.47 0.00	31.92 1.34 0.00	30.72 1.18 0.00	30.97 1.16 0.00	32.41 1.19 0.00	35.99 1.45 0.00	41.52 1.25 0.00	39.41 0.92 0.00	38.88 0.98 0.00	38.19 1.33 0.00	36.09 1.12 0.00	35.25 1.03 0.00	35.31 1.65 0.00
V_D_10_SYNC_DSASP 323841	31.64 0.25 0.00	29.90 0.44 0.00	28.94 0.43 0.00	29.45 0.46 0.00	29.78 0.47 0.00	31.09 0.28 0.00	33.29 0.13 0.00	34.15 0.27 0.00	35.23 0.28 0.00	34.75 0.27 0.00	34.31 0.21 0.00	33.65 0.24 0.00	30.94 0.37 0.00	29.84 0.30 0.00	30.14 0.33 0.00	31.38 0.16 0.00	34.82 0.28 0.00	40.15 -0.12 0.00	38.22 -0.27 0.00	37.83 -0.08 0.00	37.16 0.29 0.00	35.18 0.21 0.00	34.40 0.17 0.00	33.96 0.30 0.00
V_E_10_SYNC_DSASP 323830	34.27 2.89 0.00	32.08 2.62 0.00	31.02 2.51 0.00	31.65 2.66 0.00	32.18 2.87 0.00	33.87 3.05 0.00	36.44 3.28 0.00	37.10 3.22 0.00	37.99 3.04 0.00	37.47 3.00 0.00	36.83 2.73 0.00	35.75 2.34 0.00	32.47 1.90 0.00	31.46 1.92 0.00	31.77 1.97 0.00	33.44 2.22 0.00	37.55 3.00 0.00	44.30 4.03 0.00	42.80 4.31 0.00	41.69 3.79 0.00	40.52 3.65 0.00	38.36 3.39 0.00	37.34 3.11 0.00	36.72 3.06 0.00
V_F_30_NSYNC___DSASP 323816	32.70 1.32 0.00	30.70 1.24 0.00	29.71 1.20 0.00	30.20 1.22 0.00	30.54 1.23 0.00	32.17 1.35 0.00	34.68 1.53 0.00	35.24 1.36 0.00	36.42 1.47 0.00	35.89 1.41 0.00	35.47 1.37 0.00	34.71 1.30 0.00	31.61 1.04 0.00	30.54 1.00 0.00	30.85 1.04 0.00	32.41 1.19 0.00	35.96 1.42 0.00	42.32 2.05 0.00	40.56 2.08 0.00	39.72 1.82 0.00	38.38 1.51 0.00	36.41 1.43 0.00	35.66 1.44 0.00	35.01 1.35 0.00
V_F_30_SYNC_DSASP 323786	31.83 0.44 0.00	29.87 0.41 0.00	28.94 0.43 0.00	29.39 0.41 0.00	29.69 0.38 0.00	31.25 0.43 0.00	33.69 0.53 0.00	34.49 0.61 0.00	35.65 0.70 0.00	35.13 0.65 0.00	34.78 0.68 0.00	34.05 0.63 0.00	31.15 0.58 0.00	30.07 0.53 0.00	30.37 0.57 0.00	31.88 0.66 0.00	35.30 0.76 0.00	41.48 1.21 0.00	39.76 1.27 0.00	39.00 1.10 0.00	37.64 0.77 0.00	35.71 0.73 0.00	35.05 0.82 0.00	34.37 0.71 0.00
V_XM_10_SYNC_DSASP 323789	33.05 1.66 0.00	31.20 1.74 0.00	30.14 1.62 0.00	30.75 1.77 0.00	31.13 1.82 0.00	32.64 1.82 0.00	34.52 1.36 0.00	35.41 1.53 0.00	36.56 1.61 0.00	36.06 1.59 0.00	35.60 1.50 0.00	34.88 1.47 0.00	31.92 1.34 0.00	30.72 1.18 0.00	30.97 1.16 0.00	32.41 1.19 0.00	35.99 1.45 0.00	41.52 1.25 0.00	39.41 0.92 0.00	38.88 0.98 0.00	38.19 1.33 0.00	36.09 1.12 0.00	35.25 1.03 0.00	35.31 1.65 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.48 1.10 0.00	30.46 1.00 0.00	29.54 1.03 0.00	29.97 0.99 0.00	30.25 0.94 0.00	31.87 1.05 0.00	34.45 1.29 0.00	35.37 1.49 0.00	36.63 1.68 0.00	36.06 1.59 0.00	35.74 1.64 0.00	35.02 1.60 0.00	32.13 1.56 0.00	31.02 1.48 0.00	31.33 1.52 0.00	32.82 1.59 0.00	36.24 1.69 0.00	42.85 2.58 0.00	41.10 2.62 0.00	40.33 2.43 0.00	38.79 1.92 0.00	36.79 1.82 0.00	36.04 1.81 0.00	35.24 1.58 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.67 1.29 0.00	30.58 1.12 0.00	29.68 1.17 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.71 1.83 0.00	36.98 2.03 0.00	36.44 1.96 0.00	36.15 2.05 0.00	35.42 2.00 0.00	32.56 1.99 0.00	31.43 1.89 0.00	31.72 1.91 0.00	33.22 2.00 0.00	36.69 2.14 0.00	43.33 3.06 0.00	41.58 3.08 -0.02	40.80 2.88 -0.02	39.19 2.32 0.00	37.17 2.20 0.00	36.41 2.19 0.00	35.65 1.99 0.00
W50THST__13_KV_LOAD 356117	32.83 1.44 0.00	30.73 1.27 0.00	29.83 1.31 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.82 1.66 0.00	35.88 2.00 0.00	37.19 2.24 0.00	36.64 2.17 0.00	36.32 2.22 0.00	35.62 2.21 0.00	32.71 2.14 0.00	31.61 2.07 0.00	31.89 2.09 0.00	33.35 2.12 0.00	36.86 2.31 0.00	43.53 3.26 0.00	41.74 3.23 -0.02	40.95 3.03 -0.02	39.41 2.54 0.00	37.31 2.34 0.00	36.55 2.33 0.00	35.78 2.12 0.00
WADING RIVER_IC_1 23522	35.25 2.42 -1.45	33.35 2.33 -1.56	31.59 2.34 -0.74	33.39 2.26 -2.14	34.87 2.31 -3.25	35.37 2.50 -2.06	35.91 2.75 0.00	40.98 3.15 -3.94	40.99 3.36 -2.68	41.66 3.28 -3.91	41.64 3.41 -4.13	39.74 3.34 -2.99	39.00 3.00 -5.43	39.00 2.93 -6.53	38.68 2.98 -5.89	39.74 3.15 -5.37	43.52 3.45 -5.52	53.27 4.39 -8.61	54.31 4.20 -11.63	53.85 4.39 -11.55	49.66 3.83 -8.95	43.39 3.57 -4.85	41.93 3.46 -4.25	39.78 3.20 -2.92
WADING RIVER_IC_2 23547	35.25 2.42 -1.45	33.35 2.33 -1.56	31.59 2.34 -0.74	33.39 2.26 -2.14	34.87 2.31 -3.25	35.37 2.50 -2.06	35.91 2.75 0.00	40.98 3.15 -3.94	40.99 3.36 -2.68	41.66 3.28 -3.91	41.64 3.41 -4.13	39.74 3.34 -2.99	39.00 3.00 -5.43	39.00 2.93 -6.53	38.68 2.98 -5.89	39.74 3.15 -5.37	43.52 3.45 -5.52	53.27 4.39 -8.61	54.31 4.20 -11.63	53.85 4.39 -11.55	49.66 3.83 -8.95	43.39 3.57 -4.85	41.93 3.46 -4.25	39.78 3.20 -2.92
WADING RIVER_IC_3 23601	35.25 2.42 -1.45	33.35 2.33 -1.56	31.59 2.34 -0.74	33.39 2.26 -2.14	34.87 2.31 -3.25	35.37 2.50 -2.06	35.91 2.75 0.00	40.98 3.15 -3.94	40.99 3.36 -2.68	41.66 3.28 -3.91	41.64 3.41 -4.13	39.74 3.34 -2.99	39.00 3.00 -5.43	39.00 2.93 -6.53	38.68 2.98 -5.89	39.74 3.15 -5.37	43.52 3.45 -5.52	53.27 4.39 -8.61	54.31 4.20 -11.63	53.85 4.39 -11.55	49.66 3.83 -8.95	43.39 3.57 -4.85	41.93 3.46 -4.25	39.78 3.20 -2.92



WALDENNY_12_KV_BK2 80841	30.66 -0.72 0.00	28.87 -0.59 0.00	27.72 -0.80 0.00	28.37 -0.61 0.00	28.81 -0.50 0.00	30.26 -0.55 0.00	32.39 -0.76 0.00	31.88 -2.00 0.00	32.37 -2.59 0.00	32.16 -2.31 0.00	31.85 -2.25 0.00	31.54 -1.87 0.00	29.01 -1.56 0.00	27.94 -1.60 0.00	28.08 -1.73 0.00	29.23 -2.00 0.00	31.57 -2.97 0.00	36.89 -3.38 0.00	35.52 -2.96 0.00	34.53 -3.37 0.00	33.48 -3.39 0.00	31.79 -3.18 0.00	31.04 -3.18 0.00	31.54 -2.12 0.00
WALDEN___HYDRO 24148	32.52 1.13 0.00	30.43 0.97 0.00	29.51 1.00 0.00	29.94 0.96 0.00	30.22 0.91 0.00	31.83 1.02 0.00	34.38 1.23 0.00	35.20 1.32 0.00	36.46 1.50 0.00	35.89 1.41 0.00	35.50 1.40 0.00	34.78 1.37 0.00	31.89 1.31 0.00	30.78 1.24 0.00	31.09 1.28 0.00	32.60 1.37 0.00	36.10 1.55 0.00	42.61 2.34 0.00	40.87 2.39 0.00	40.10 2.20 0.00	38.60 1.73 0.00	36.62 1.64 0.00	35.90 1.68 0.00	35.14 1.48 0.00
WARRENSBURG___ 23737	32.64 1.26 0.00	30.61 1.15 0.00	29.62 1.11 0.00	30.14 1.16 0.00	30.51 1.20 0.00	32.14 1.32 0.00	34.68 1.53 0.00	34.63 0.74 0.00	35.83 0.87 0.00	35.27 0.79 0.00	34.82 0.72 0.00	34.05 0.63 0.00	30.94 0.37 0.00	29.90 0.36 0.00	30.19 0.39 0.00	31.79 0.56 0.00	35.34 0.80 0.00	41.64 1.37 0.00	39.95 1.46 0.00	39.08 1.18 0.00	37.72 0.85 0.00	35.71 0.74 0.00	34.98 0.75 0.00	34.33 0.67 0.00
WATERSIDE___6 8 9 23538	32.70 1.32 0.00	30.58 1.12 0.00	29.71 1.20 0.00	30.08 1.10 0.00	30.42 1.11 0.00	32.02 1.20 0.00	34.65 1.49 0.00	35.68 1.80 0.00	36.91 1.96 0.00	36.40 1.93 0.00	36.08 1.98 0.00	35.38 1.97 0.00	32.58 2.02 0.01	31.46 1.92 0.00	31.77 1.97 0.01	31.55 2.12 1.80	36.71 2.18 0.01	43.40 3.14 0.01	40.02 3.19 1.66	40.88 2.99 0.02	39.19 2.32 0.00	37.01 2.34 0.31	36.54 2.33 0.01	34.62 2.15 1.20
WATKINRD_115KV_LN8_ILLION 55919	31.45 0.06 0.00	29.52 0.06 0.00	28.57 0.06 0.00	29.04 0.06 0.00	29.37 0.06 0.00	30.88 0.06 0.00	33.26 0.10 0.00	34.02 0.14 0.00	35.09 0.14 0.00	34.64 0.17 0.00	34.24 0.14 0.00	33.55 0.13 0.00	30.67 0.09 0.00	29.63 0.09 0.00	29.90 0.09 0.00	31.32 0.09 0.00	34.68 0.14 0.00	40.55 0.28 0.00	38.83 0.35 0.00	38.17 0.27 0.00	37.05 0.18 0.00	35.15 0.17 0.00	34.40 0.17 0.00	33.79 0.13 0.00
WATSON___69_KV_BK 1 55734	35.41 2.57 -1.45	33.41 2.39 -1.56	31.65 2.40 -0.74	33.48 2.35 -2.14	34.90 2.34 -3.25	35.40 2.53 -2.06	36.01 2.85 0.00	41.04 3.22 -3.94	41.06 3.43 -2.68	41.72 3.34 -3.91	41.68 3.44 -4.13	39.71 3.31 -2.99	39.12 3.12 -5.43	39.06 2.98 -6.53	38.74 3.04 -5.89	39.81 3.22 -5.37	43.69 3.63 -5.52	53.76 4.87 -8.61	54.89 4.77 -11.63	54.04 4.59 -11.55	49.80 3.98 -8.95	43.60 3.78 -4.85	42.10 3.63 -4.25	39.92 3.33 -2.92
WDELAWARE___HYD 323627	32.08 0.69 0.00	30.02 0.56 0.00	29.08 0.57 0.00	29.53 0.55 0.00	29.78 0.47 0.00	31.34 0.52 0.00	33.89 0.73 0.00	34.60 0.71 0.00	35.83 0.87 0.00	35.23 0.76 0.00	34.82 0.72 0.00	34.21 0.80 0.00	31.19 0.61 0.00	30.13 0.59 0.00	30.43 0.63 0.00	31.94 0.72 0.00	35.48 0.93 0.00	41.84 1.57 0.00	40.10 1.62 0.00	39.42 1.52 0.00	37.97 1.11 0.00	35.95 0.98 0.00	35.29 1.06 0.00	34.60 0.94 0.00
WEST BABYLON___IC 23714	35.22 2.39 -1.45	33.24 2.21 -1.56	31.45 2.20 -0.74	33.30 2.17 -2.14	34.70 2.14 -3.25	35.19 2.31 -2.06	35.78 2.62 0.00	40.81 2.98 -3.94	40.85 3.22 -2.68	41.48 3.10 -3.91	41.44 3.21 -4.13	39.51 3.11 -2.99	38.90 2.90 -5.43	38.88 2.81 -6.53	38.53 2.83 -5.89	39.62 3.03 -5.37	43.42 3.35 -5.52	53.43 4.55 -8.61	54.62 4.50 -11.63	53.73 4.28 -11.55	49.55 3.72 -8.95	43.32 3.50 -4.85	41.86 3.39 -4.25	39.68 3.10 -2.92
WEST CANADA___HYD 24049	31.42 0.03 0.00	29.46 0.00 0.00	28.51 0.00 0.00	28.98 0.00 0.00	29.31 0.00 0.00	30.85 0.03 0.00	33.19 0.03 0.00	33.95 0.07 0.00	35.02 0.07 0.00	34.54 0.07 0.00	34.17 0.07 0.00	33.48 0.07 0.00	30.60 0.03 0.00	29.60 0.06 0.00	29.87 0.06 0.00	31.29 0.06 0.00	34.61 0.07 0.00	40.47 0.20 0.00	38.76 0.27 0.00	38.09 0.19 0.00	36.94 0.07 0.00	35.04 0.07 0.00	34.33 0.10 0.00	33.73 0.07 0.00
WESTERN_NY_WIND 24143	30.76 -0.63 0.00	28.90 -0.56 0.00	27.77 -0.74 0.00	28.40 -0.58 0.00	28.90 -0.41 0.00	30.39 -0.43 0.00	32.46 -0.70 0.00	32.16 -1.73 0.00	32.68 -2.27 0.00	32.47 -2.00 0.00	32.05 -2.05 0.00	31.74 -1.67 0.00	29.14 -1.44 0.00	28.03 -1.51 0.00	28.17 -1.64 0.00	29.35 -1.87 0.00	31.95 -2.59 0.00	37.37 -2.90 0.00	35.91 -2.58 0.00	34.94 -2.96 0.00	33.92 -2.95 0.00	32.17 -2.80 0.00	31.38 -2.84 0.00	31.78 -1.88 0.00
WESTOVER___LESR 323668	31.79 0.41 0.00	29.84 0.38 0.00	28.83 0.31 0.00	29.36 0.38 0.00	29.72 0.41 0.00	31.28 0.46 0.00	33.69 0.53 0.00	34.09 0.20 0.00	35.06 0.10 0.00	34.58 0.10 0.00	34.20 0.10 0.00	33.51 0.10 0.00	30.67 0.09 0.00	29.63 0.09 0.00	29.87 0.06 0.00	31.29 0.06 0.00	34.51 -0.03 0.00	40.51 0.24 0.00	38.83 0.35 0.00	38.05 0.15 0.00	36.91 0.04 0.00	35.04 0.07 0.00	34.22 0.00 0.00	33.79 0.13 0.00
WETHRSFD_WT_PWR 323626	30.38 -1.01 0.00	28.61 -0.86 0.00	27.46 -1.05 0.00	28.11 -0.87 0.00	28.55 -0.76 0.00	30.05 -0.77 0.00	32.10 -1.06 0.00	31.78 -2.10 0.00	32.23 -2.73 0.00	31.96 -2.51 0.00	31.75 -2.35 0.00	30.84 -2.57 0.00	28.71 -1.87 0.00	27.74 -1.80 0.00	27.87 -1.94 0.00	29.10 -2.12 0.00	31.43 -3.11 0.00	36.85 -3.42 0.00	35.68 -2.81 0.00	34.34 -3.56 0.00	33.33 -3.54 0.00	32.00 -2.97 0.00	31.08 -3.15 0.00	31.37 -2.29 0.00
WHAVSTOR_138KV_BK127 55557	32.39 1.00 0.00	30.35 0.88 0.00	29.45 0.94 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.77 0.96 0.00	34.35 1.19 0.00	35.31 1.42 0.00	36.56 1.61 0.00	35.99 1.52 0.00	35.67 1.57 0.00	34.95 1.54 0.00	32.07 1.50 0.00	30.99 1.45 0.00	31.27 1.46 0.00	32.75 1.53 0.00	36.17 1.62 0.00	42.73 2.46 0.00	40.99 2.50 0.00	40.21 2.31 0.00	38.68 1.81 0.00	36.72 1.75 0.00	35.94 1.71 0.00	35.14 1.48 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.39 1.00 0.00	30.35 0.88 0.00	29.45 0.94 0.00	29.85 0.87 0.00	30.16 0.85 0.00	31.77 0.96 0.00	34.35 1.19 0.00	35.31 1.42 0.00	36.56 1.61 0.00	35.99 1.52 0.00	35.67 1.57 0.00	34.95 1.54 0.00	32.07 1.50 0.00	30.99 1.45 0.00	31.27 1.46 0.00	32.75 1.53 0.00	36.17 1.62 0.00	42.73 2.46 0.00	40.99 2.50 0.00	40.21 2.31 0.00	38.68 1.81 0.00	36.72 1.75 0.00	35.94 1.71 0.00	35.14 1.48 0.00
WHITEHAL_115KV_TB1 80871	33.36 1.98 0.00	31.29 1.83 0.00	30.25 1.74 0.00	30.78 1.80 0.00	31.19 1.88 0.00	32.88 2.06 0.00	35.45 2.29 0.00	36.39 2.51 0.00	37.68 2.73 0.00	37.09 2.62 0.00	36.59 2.49 0.00	35.68 2.27 0.00	32.38 1.80 0.00	31.22 1.68 0.00	31.57 1.76 0.00	33.28 2.06 0.00	37.10 2.56 0.00	43.77 3.50 0.00	42.07 3.58 0.00	41.08 3.18 0.00	39.60 2.73 0.00	37.52 2.55 0.00	36.72 2.50 0.00	36.05 2.39 0.00

WHITEPLN_13_KV_LOAD 356215	32.80 1.41 0.00	30.73 1.27 0.00	29.80 1.28 0.00	30.26 1.28 0.00	30.54 1.23 0.00	32.14 1.33 0.00	34.78 1.62 0.00	35.88 2.00 0.00	37.19 2.24 0.00	36.61 2.14 0.00	36.28 2.18 0.00	35.55 2.14 0.00	32.62 2.05 0.00	31.49 1.95 0.00	31.77 1.97 0.00	33.32 2.09 0.00	36.82 2.28 0.00	43.53 3.26 0.00	41.76 3.27 0.00	40.97 3.07 0.00	39.34 2.47 0.00	37.28 2.31 0.00	36.52 2.29 0.00	35.71 2.05 0.00
WM_FLOYD_69_KV_BK2 356380	35.28 2.45 -1.45	33.35 2.33 -1.56	31.59 2.34 -0.74	33.42 2.29 -2.14	34.78 2.23 -3.25	35.37 2.50 -2.06	35.91 2.75 0.00	40.94 3.12 -3.94	40.96 3.32 -2.68	41.59 3.21 -3.91	41.61 3.38 -4.13	39.58 3.17 -2.99	39.00 3.00 -5.43	38.94 2.87 -6.53	38.62 2.92 -5.89	39.68 3.09 -5.37	43.56 3.49 -5.52	53.47 4.59 -8.61	54.58 4.46 -11.63	53.92 4.47 -11.55	49.66 3.83 -8.95	43.46 3.64 -4.85	42.00 3.53 -4.25	39.82 3.23 -2.92
WOODARD__115KV_TB2 355635	30.88 -0.50 0.00	28.93 -0.53 0.00	27.97 -0.54 0.00	28.46 -0.52 0.00	28.81 -0.50 0.00	30.32 -0.49 0.00	32.59 -0.56 0.00	33.07 -0.81 0.00	34.08 -0.87 0.00	33.61 -0.86 0.00	33.25 -0.85 0.00	32.58 -0.84 0.00	29.78 -0.79 0.00	28.77 -0.77 0.00	29.00 -0.80 0.00	30.41 -0.81 0.00	33.61 -0.93 0.00	39.34 -0.93 0.00	37.68 -0.81 0.00	36.99 -0.91 0.00	35.91 -0.96 0.00	34.06 -0.91 0.00	33.30 -0.92 0.00	32.82 -0.84 0.00
YORK___WARBASSE 23770	32.89 1.51 0.00	30.73 1.27 0.00	29.85 1.34 0.00	30.23 1.25 0.00	30.57 1.26 0.00	32.17 1.36 0.00	34.85 1.69 0.00	35.85 1.97 0.00	37.05 2.10 0.00	36.54 2.07 0.00	36.22 2.11 0.00	35.52 2.11 0.00	32.77 2.14 -0.06	31.58 2.04 0.00	31.95 2.09 -0.06	46.08 2.28 -12.58	36.91 2.31 -0.06	43.67 3.34 -0.06	53.60 3.39 -11.73	41.32 3.18 -0.24	39.38 2.51 0.00	39.63 2.52 -2.14	36.78 2.50 -0.06	44.36 2.32 -8.38