

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion					
Generator Data		01/12/2024																							
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	
	37.14	35.59	35.51	35.67	36.21	38.91	47.69	55.45	53.54	46.25	43.21	41.13	39.68	38.75	39.46	41.55	46.05	52.95	49.71	45.93	41.08	38.76	36.45	35.31	
	1.63	1.63	1.49	1.50	1.49	1.57	2.83	3.77	3.74	3.11	2.02	2.22	2.21	2.23	2.38	2.79	3.17	4.15	4.15	3.36	2.87	2.57	2.45	2.19	
74TH STREET_GT_1 24260																									
	37.07	35.59	35.47	35.64	36.17	38.87	47.64	55.40	53.44	45.81	43.09	41.01	39.57	38.64	39.31	41.39	46.05	52.86	49.66	45.85	41.04	38.79	36.58	35.37	
	1.56	1.63	1.46	1.47	1.46	1.53	2.78	3.72	3.64	2.67	1.89	2.10	2.10	2.12	2.23	2.64	3.17	4.05	4.10	3.28	2.83	2.61	2.58	2.25	
74TH STREET_GT_2 24261																									
	37.07	35.59	35.47	35.64	36.17	38.87	47.64	55.40	53.44	45.81	43.09	41.01	39.57	38.64	39.31	41.39	46.05	52.86	49.66	45.85	41.04	38.79	36.58	35.37	
	1.56	1.63	1.46	1.47	1.46	1.53	2.78	3.72	3.64	2.67	1.89	2.10	2.10	2.12	2.23	2.64	3.17	4.05	4.10	3.28	2.83	2.61	2.58	2.25	
ADK HUDSON___FALLS 24011																									
	37.46	35.80	35.98	36.12	36.76	39.66	48.40	55.61	53.34	45.86	43.50	41.01	39.46	38.45	39.20	41.12	45.67	52.47	48.98	45.59	40.88	38.79	36.24	35.27	
	1.95	1.83	1.97	1.95	2.05	2.32	3.54	3.93	3.54	2.72	2.31	2.10	1.99	1.94	2.11	2.36	2.79	3.66	3.42	3.02	2.67	2.61	2.24	2.15	
ADK RESOURCE___RCVRY 23798																									
	37.68	35.97	36.15	36.32	36.97	39.88	47.60	54.62	52.39	45.17	42.76	40.27	38.78	37.80	38.53	40.46	44.81	51.54	48.11	44.91	41.15	39.01	36.41	35.40	
	2.17	2.00	2.14	2.15	2.26	2.54	2.74	2.94	2.59	2.03	1.56	1.36	1.31	1.28	1.45	1.70	1.93	2.73	2.55	2.34	2.94	2.82	2.41	2.28	
ADK S GLENS___FALLS 24028																									
	37.46	35.80	35.98	36.12	36.76	39.66	48.40	55.61	53.34	45.86	43.50	41.01	39.46	38.45	39.20	41.12	45.67	54.29	48.98	48.20	40.88	38.79	36.24	35.27	
	1.95	1.83	1.97	1.95	2.05	2.32	3.54	3.93	3.54	2.72	2.31	2.10	1.99	1.94	2.11	2.36	2.79	3.66	3.42	3.02	2.67	2.61	2.24	2.15	
ADK_NYS___DAM 23527																									
	37.21	35.59	35.61	35.77	36.38	39.10	47.37	54.73	52.74	45.51	42.96	40.66	39.19	38.20	38.87	40.73	45.15	51.83	48.52	45.08	40.46	38.32	36.00	35.01	
	1.70	1.63	1.60	1.61	1.67	1.76	2.51	3.05	2.94	2.37	1.77	1.75	1.72	1.68	1.78	1.98	2.27	3.03	2.96	2.51	2.25	2.13	2.01	1.89	
AIR_PRODUCTS___DRP 24190																									
	35.69	34.17	34.21	34.30	34.85	37.53	45.49	52.56	50.65	43.57	41.31	39.07	37.66	36.70	37.35	39.18	43.48	49.78	46.52	43.25	38.78	36.77	34.68	33.68	
	0.18	0.20	0.20	0.14	0.14	0.19	0.63	0.88	0.85	0.43	0.12	0.16	0.19	0.18	0.26	0.43	0.60	0.98	0.96	0.68	0.57	0.58	0.68	0.56	
AKWESSNE_115KV_BK 355683																									
	35.62	34.07	34.11	34.27	34.78	37.27	44.28	51.06	49.31	43.05	41.31	38.95	37.55	36.59	37.16	38.80	42.62	48.07	44.83	42.23	37.87	35.83	33.76	32.95	
	0.11	0.10	0.10	0.10	0.07	-0.07	-0.58	-0.62	-0.50	-0.09	0.12	0.04	0.07	0.07	0.07	0.04	-0.26	-0.73	-0.73	-0.34	-0.34	-0.36	-0.24	-0.17	
ALBANY_1_SOLAR 323833																									
	36.57	34.95	35.03	35.16	35.72	38.43	46.52	53.54	51.59	44.52	42.10	39.77	38.29	37.36	38.02	39.84	44.16	50.66	47.34	44.06	39.51	37.49	35.22	34.31	
	1.06	0.99	1.02	0.99	1.01	1.08	1.66	1.86	1.79	1.38	0.91	0.85	0.82	0.84	0.93	1.08	1.29	1.85	1.78	1.49	1.30	1.30	1.22	1.19	
ALBANY_2_SOLAR 323834																									
	36.54	34.95	35.00	35.16	35.72	38.39	46.52	53.54	51.55	44.52	42.10	39.77	38.29	37.32	38.02	39.84	44.16	50.66	47.29	44.02	39.51	37.46	35.22	34.28	
	1.03	0.99	0.99	0.99	1.01	1.04	1.66	1.86	1.74	1.38	0.91	0.85	0.82	0.80	0.93	1.08	1.29	1.85	1.73	1.45	1.30	1.27	1.22	1.16	
ALBANY___1 23571																									
	35.69	34.17	34.21	34.30	34.85	37.53	45.49	52.56	50.65	43.57	41.31	39.07	37.66	36.70	37.35	39.18	43.48	49.78	46.52	43.25	38.78	36.77	34.68	33.68	
	0.18	0.20	0.20	0.14	0.14	0.19	0.63	0.88	0.85	0.43	0.12	0.16	0.19	0.18	0.26	0.43	0.60	0.98	0.96	0.68	0.57	0.58	0.68	0.56	

ALBANY___2 23572	35.69 0.18 0.00	34.17 0.20 0.00	34.21 0.20 0.00	34.30 0.14 0.00	34.85 0.14 0.00	37.53 0.19 0.00	45.49 0.63 0.00	52.56 0.88 0.00	50.65 0.85 0.00	43.57 0.43 0.00	41.31 0.12 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.35 0.26 0.00	39.18 0.43 0.00	43.48 0.60 0.00	49.78 0.98 0.00	46.52 0.96 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.77 0.58 0.00	34.68 0.68 0.00	33.68 0.56 0.00
ALBANY___3 23573	35.69 0.18 0.00	34.17 0.20 0.00	34.21 0.20 0.00	34.30 0.14 0.00	34.85 0.14 0.00	37.53 0.19 0.00	45.49 0.63 0.00	52.56 0.88 0.00	50.65 0.85 0.00	43.57 0.43 0.00	41.31 0.12 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.35 0.26 0.00	39.18 0.43 0.00	43.48 0.60 0.00	49.78 0.98 0.00	46.52 0.96 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.77 0.58 0.00	34.68 0.68 0.00	33.68 0.56 0.00
ALBANY___4 23574	35.69 0.18 0.00	34.17 0.20 0.00	34.21 0.20 0.00	34.30 0.14 0.00	34.85 0.14 0.00	37.53 0.19 0.00	45.49 0.63 0.00	52.56 0.88 0.00	50.65 0.85 0.00	43.57 0.43 0.00	41.31 0.12 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.35 0.26 0.00	39.18 0.43 0.00	43.48 0.60 0.00	49.78 0.98 0.00	46.52 0.96 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.77 0.58 0.00	34.68 0.68 0.00	33.68 0.56 0.00
ALBANY___LFGE 323615	36.08 0.57 0.00	34.51 0.54 0.00	34.55 0.54 0.00	34.68 0.51 0.00	35.27 0.55 0.00	37.90 0.56 0.00	45.93 1.07 0.00	53.02 1.34 0.00	51.10 1.29 0.00	44.13 0.99 0.00	41.72 0.53 0.00	39.46 0.54 0.00	38.03 0.56 0.00	37.07 0.55 0.00	37.72 0.63 0.00	39.57 0.82 0.00	43.82 0.94 0.00	50.27 1.46 0.00	46.98 1.41 0.00	43.67 1.10 0.00	39.17 0.96 0.00	37.13 0.94 0.00	34.91 0.92 0.00	33.95 0.83 0.00
ALCOA_PA_115KV_PL-6C 55860	35.83 0.32 0.00	34.27 0.31 0.00	34.32 0.31 0.00	34.48 0.31 0.00	34.99 0.28 0.00	37.38 0.04 0.00	44.41 -0.45 0.00	51.27 -0.41 0.00	49.45 -0.35 0.00	43.23 0.09 0.00	41.48 0.29 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.27 0.19 0.00	38.87 0.12 0.00	42.75 -0.13 0.00	48.17 -0.63 0.00	44.92 -0.64 0.00	42.27 -0.30 0.00	37.90 -0.31 0.00	35.86 -0.33 0.00	33.89 -0.10 0.00	33.09 -0.03 0.00
ALCOA_RYNLDS___DRP 24188	35.83 0.32 0.00	34.27 0.31 0.00	34.32 0.31 0.00	34.48 0.31 0.00	34.99 0.28 0.00	37.38 0.04 0.00	44.41 -0.45 0.00	51.27 -0.41 0.00	49.45 -0.35 0.00	43.23 0.09 0.00	41.48 0.29 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.27 0.19 0.00	38.87 0.12 0.00	42.75 -0.13 0.00	48.17 -0.63 0.00	44.92 -0.64 0.00	42.27 -0.30 0.00	37.90 -0.31 0.00	35.86 -0.33 0.00	33.89 -0.10 0.00	33.09 -0.03 0.00
ALCOA___DSASP 323711	35.62 0.11 0.00	34.27 0.30 0.00	34.32 0.31 0.00	34.47 0.31 0.00	34.99 0.28 0.00	37.38 0.04 0.00	44.37 -0.49 0.00	51.21 -0.47 0.00	49.46 -0.35 0.00	42.88 -0.26 0.00	41.48 0.29 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.27 0.19 0.00	38.87 0.12 0.00	42.84 -0.04 0.00	48.17 -0.64 0.00	44.92 -0.64 0.00	42.27 -0.30 0.00	37.90 -0.31 0.00	36.08 -0.11 0.00	33.86 -0.14 0.00	33.09 -0.03 0.00
ALLEGHENY___COGEN 23514	37.07 1.56 0.00	35.18 1.22 0.00	35.27 1.26 0.00	35.47 1.30 0.00	36.17 1.46 0.00	39.70 2.35 0.00	48.00 3.14 0.00	54.42 2.74 0.00	52.10 2.29 0.00	45.51 2.37 0.00	43.33 2.14 0.00	40.55 1.63 0.00	38.70 1.23 0.00	37.58 1.06 0.00	37.83 0.74 0.00	39.03 0.27 0.00	43.43 0.56 0.00	50.13 1.32 0.00	46.47 0.91 0.00	42.82 0.26 0.00	38.55 0.34 0.00	36.33 0.15 0.00	34.00 0.00 0.00	33.35 0.23 0.00
ALTAMONT_115KV_TB 2 55880	36.18 0.67 0.00	34.64 0.68 0.00	34.69 0.68 0.00	34.82 0.65 0.00	35.37 0.66 0.00	38.05 0.71 0.00	46.11 1.26 0.00	53.23 1.55 0.00	51.30 1.49 0.00	44.17 1.04 0.00	41.89 0.70 0.00	39.65 0.74 0.00	38.18 0.71 0.00	37.25 0.73 0.00	37.87 0.78 0.00	39.69 0.93 0.00	44.04 1.16 0.00	50.42 1.61 0.00	47.11 1.55 0.00	43.80 1.23 0.00	39.28 1.07 0.00	37.24 1.05 0.00	35.05 1.05 0.00	34.08 0.96 0.00
ALTONA_WT_PWR 323606	36.68 1.17 0.00	35.08 1.12 0.00	35.17 1.16 0.00	35.26 1.09 0.00	35.72 1.01 0.00	37.86 0.52 0.00	45.22 0.36 0.00	52.50 0.82 0.00	50.85 1.05 0.00	44.30 1.17 0.00	42.92 1.73 0.00	40.39 1.48 0.00	38.93 1.46 0.00	37.94 1.42 0.00	38.50 1.41 0.00	40.03 1.28 0.00	43.87 0.99 0.00	48.95 0.15 0.00	45.29 -0.27 0.00	42.18 -0.38 0.00	37.67 -0.53 0.00	35.65 -0.54 0.00	33.39 -0.61 0.00	32.96 -0.16 0.00
AMERICAN_REF_FUEL 24010	34.26 -1.24 0.00	32.60 -1.36 0.00	32.65 -1.36 0.00	32.83 -1.33 0.00	33.43 -1.28 0.00	36.74 -0.60 0.00	43.69 -1.17 0.00	48.79 -2.89 0.00	46.47 -3.34 0.00	40.89 -2.25 0.00	39.21 -1.98 0.00	36.93 -1.98 0.00	35.41 -2.06 0.00	34.36 -2.15 0.00	34.42 -2.67 0.00	35.19 -3.56 0.00	39.06 -3.82 0.00	44.90 -3.91 0.00	41.46 -4.10 0.00	38.40 -4.17 0.00	34.69 -3.51 0.00	32.97 -3.22 0.00	31.04 -2.96 0.00	30.90 -2.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.47 0.96 0.00	34.68 0.71 0.00	34.66 0.64 0.00	34.92 0.75 0.00	35.69 0.97 0.00	39.17 1.83 0.00	46.88 2.02 0.00	52.77 1.09 0.00	50.20 0.40 0.00	43.92 0.78 0.00	41.89 0.70 0.00	39.42 0.50 0.00	37.58 0.11 0.00	36.41 -0.11 0.00	36.27 -0.82 0.00	36.97 -1.78 0.00	40.86 -2.01 0.00	47.20 -1.61 0.00	43.42 -2.14 0.00	40.14 -2.42 0.00	36.15 -2.06 0.00	34.23 -1.95 0.00	32.19 -1.80 0.00	32.19 -0.93 0.00
ARTHUR KILL_GT_1 23520	37.36 1.85 -0.01	35.87 1.90 -0.01	35.75 1.73 -0.01	35.88 1.71 -0.01	36.39 1.67 -0.01	39.07 1.72 -0.01	47.69 2.83 0.00	55.09 3.41 0.00	52.99 3.19 0.00	45.81 2.68 0.00	42.63 1.44 0.00	40.66 1.75 0.00	39.23 1.76 0.00	38.27 1.75 0.00	39.05 1.96 0.00	41.24 2.48 0.00	45.75 2.87 0.00	52.94 3.91 -0.23	49.72 4.15 -0.01	45.85 3.28 0.00	40.81 2.60 0.00	38.68 2.50 0.00	36.69 2.69 -0.01	35.45 2.32 -0.01
ARTHUR_KILL_2 23512	37.26 1.74 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.55 2.69 0.00	54.94 3.26 0.00	52.84 3.04 0.00	45.68 2.54 0.00	42.51 1.32 0.00	40.55 1.63 0.00	39.12 1.65 0.00	38.16 1.64 0.00	38.94 1.85 0.00	41.12 2.36 0.00	45.62 2.75 0.00	52.74 3.71 -0.23	49.53 3.96 -0.01	45.67 3.11 0.00	40.69 2.48 0.00	38.58 2.39 0.00	36.59 2.58 -0.01	35.38 2.25 -0.01
ARTHUR_KILL_3 23513	36.72 1.21 0.00	35.18 1.22 0.00	35.07 1.06 0.00	35.23 1.06 0.00	35.76 1.04 0.00	38.43 1.08 0.00	47.06 2.20 0.00	54.78 3.10 0.00	52.84 3.04 0.00	45.64 2.50 0.00	42.67 1.48 0.00	40.62 1.71 0.00	39.23 1.76 0.00	38.27 1.75 0.00	39.02 1.93 0.00	41.00 2.25 0.00	45.49 2.62 0.00	50.16 3.47 2.11	49.25 3.69 0.00	40.41 2.90 5.05	40.69 2.48 0.00	38.36 2.17 0.00	36.10 2.11 0.00	34.94 1.82 0.00

ARTHUR_KILL_COGEN 323718	37.36 1.85 -0.01	35.87 1.90 -0.01	35.75 1.73 -0.01	35.88 1.71 -0.01	36.39 1.67 -0.01	39.07 1.72 -0.01	47.69 2.83 0.00	55.09 3.41 0.00	52.99 3.19 0.00	45.81 2.68 0.00	42.63 1.44 0.00	40.66 1.75 0.00	39.23 1.76 0.00	38.27 1.75 0.00	39.05 1.96 0.00	41.24 2.48 0.00	45.75 2.87 0.00	52.94 3.91 -0.23	49.72 4.15 -0.01	45.85 3.28 0.00	40.81 2.60 0.00	38.68 2.50 0.00	36.69 2.69 -0.01	35.45 2.32 -0.01
ASHOKAN____ 23654	37.07 1.56 0.00	35.39 1.43 0.00	35.41 1.39 0.00	35.47 1.30 0.00	36.14 1.42 0.00	38.91 1.57 0.00	47.41 2.56 0.00	54.01 2.33 0.00	52.19 2.39 0.00	44.74 1.60 0.00	41.72 0.53 0.00	39.30 0.39 0.00	37.73 0.26 0.00	36.74 0.22 0.00	37.61 0.52 0.00	39.45 0.70 0.00	43.91 1.03 0.00	50.81 2.00 0.00	47.34 1.78 0.00	43.80 1.24 0.00	39.01 0.80 0.00	37.06 0.87 0.00	35.05 1.06 0.00	34.28 1.16 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.86 1.35 0.00	35.49 1.53 0.00	35.30 1.29 0.00	35.40 1.23 0.00	35.79 1.08 0.00	38.35 1.01 0.00	46.92 2.06 0.01	54.56 2.89 0.01	52.78 2.99 0.01	45.59 2.46 0.01	42.58 1.40 0.01	40.61 1.71 0.01	39.19 1.72 0.01	38.23 1.72 0.01	39.01 1.93 0.01	41.07 2.33 0.01	45.49 2.62 0.01	52.36 3.56 0.01	49.33 3.78 0.01	45.49 2.93 0.01	40.65 2.45 0.01	38.32 2.13 0.01	36.59 2.58 -0.01	35.41 2.28 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.86 1.35 0.00	35.49 1.53 0.00	35.30 1.29 0.00	35.40 1.23 0.00	35.79 1.08 0.00	38.35 1.01 0.00	46.92 2.06 0.01	54.56 2.89 0.01	52.78 2.99 0.01	45.59 2.46 0.01	42.58 1.40 0.01	40.61 1.71 0.01	39.19 1.72 0.01	38.23 1.72 0.01	39.01 1.93 0.01	41.07 2.33 0.01	45.49 2.62 0.01	52.36 3.56 0.01	49.33 3.78 0.01	45.49 2.93 0.01	40.65 2.45 0.01	38.32 2.13 0.01	36.59 2.58 -0.01	35.41 2.28 -0.01
ASTORIA_GT2_1 24094	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT2_2 24095	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT2_3 24096	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT2_4 24097	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT3_1 24098	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT3_2 24099	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT3_3 24100	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT3_4 24101	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT4_1 24102	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT4_2 24103	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT4_3 24104	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01

ASTORIA_GT4_4 24105	36.82 1.31 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.50 1.33 0.00	35.83 1.11 0.00	38.35 1.01 0.00	46.97 2.11 0.00	54.73 3.05 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.55 1.36 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.00 2.25 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.40 2.21 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
ASTORIA_GT_1 23523	36.93 1.42 0.00	35.56 1.60 0.00	35.37 1.36 0.00	35.47 1.30 0.00	35.86 1.14 0.00	38.43 1.08 0.00	47.05 2.20 0.01	54.72 3.05 0.01	52.93 3.14 0.01	45.72 2.59 0.01	42.66 1.48 0.01	40.69 1.79 0.01	39.30 1.84 0.01	38.34 1.83 0.01	39.12 2.04 0.01	41.15 2.40 0.01	45.57 2.70 0.01	52.46 3.66 0.01	49.47 3.92 0.01	45.63 3.07 0.01	40.72 2.52 0.01	38.39 2.21 0.01	36.66 2.65 -0.01	35.48 2.35 -0.01
ASTORIA_GT_10 24110	36.93 1.42 0.00	35.53 1.56 0.00	35.37 1.36 0.00	35.57 1.40 0.00	36.00 1.28 0.00	38.65 1.31 0.00	47.33 2.47 0.00	55.09 3.41 0.00	53.09 3.29 0.00	45.55 2.42 0.00	42.80 1.61 0.00	40.74 1.83 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.59 2.58 -0.01	35.41 2.29 -0.01
ASTORIA_GT_11 24225	36.93 1.42 0.00	35.53 1.56 0.00	35.37 1.36 0.00	35.57 1.40 0.00	36.00 1.28 0.00	38.65 1.31 0.00	47.33 2.47 0.00	55.09 3.41 0.00	53.09 3.29 0.00	45.55 2.42 0.00	42.80 1.61 0.00	40.74 1.83 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.59 2.58 -0.01	35.41 2.29 -0.01
ASTORIA_GT_12 24226	36.93 1.42 0.00	35.53 1.56 0.00	35.37 1.36 0.00	35.57 1.40 0.00	36.00 1.28 0.00	38.65 1.31 0.00	47.33 2.47 0.00	55.09 3.41 0.00	53.09 3.29 0.00	45.55 2.42 0.00	42.80 1.61 0.00	40.74 1.83 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.59 2.58 -0.01	35.41 2.29 -0.01
ASTORIA_GT_13 24227	36.93 1.42 0.00	35.53 1.56 0.00	35.37 1.36 0.00	35.57 1.40 0.00	36.00 1.28 0.00	38.65 1.31 0.00	47.33 2.47 0.00	55.09 3.41 0.00	53.09 3.29 0.00	45.55 2.42 0.00	42.80 1.61 0.00	40.74 1.83 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.59 2.58 -0.01	35.41 2.29 -0.01
ASTORIA_GT_5 24106	36.89 1.38 0.00	35.56 1.60 0.00	35.37 1.36 0.00	35.53 1.37 0.00	35.86 1.15 0.00	38.43 1.08 0.00	47.06 2.20 0.00	54.83 3.15 0.00	52.94 3.14 0.00	45.43 2.29 0.00	42.63 1.44 0.00	40.62 1.71 0.00	39.23 1.76 0.00	38.31 1.79 0.00	39.02 1.93 0.00	41.08 2.33 0.00	45.71 2.83 0.00	52.47 3.66 0.00	49.30 3.74 0.00	45.46 2.89 0.00	40.73 2.52 0.00	38.47 2.28 0.00	36.79 2.79 -0.01	35.55 2.42 -0.01
ASTORIA_GT_7 24107	36.89 1.38 0.00	35.56 1.60 0.00	35.37 1.36 0.00	35.53 1.37 0.00	35.86 1.15 0.00	38.43 1.08 0.00	47.06 2.20 0.00	54.83 3.15 0.00	52.94 3.14 0.00	45.43 2.29 0.00	42.63 1.44 0.00	40.62 1.71 0.00	39.23 1.76 0.00	38.31 1.79 0.00	39.02 1.93 0.00	41.08 2.33 0.00	45.71 2.83 0.00	52.47 3.66 0.00	49.30 3.74 0.00	45.46 2.89 0.00	40.73 2.52 0.00	38.47 2.28 0.00	36.79 2.79 -0.01	35.55 2.42 -0.01
ASTORIA_GT_8 24108	36.89 1.38 0.00	35.56 1.60 0.00	35.37 1.36 0.00	35.53 1.37 0.00	35.86 1.15 0.00	38.43 1.08 0.00	47.06 2.20 0.00	54.83 3.15 0.00	52.94 3.14 0.00	45.43 2.29 0.00	42.63 1.44 0.00	40.62 1.71 0.00	39.23 1.76 0.00	38.31 1.79 0.00	39.02 1.93 0.00	41.08 2.33 0.00	45.71 2.83 0.00	52.47 3.66 0.00	49.30 3.74 0.00	45.46 2.89 0.00	40.73 2.52 0.00	38.47 2.28 0.00	36.79 2.79 -0.01	35.55 2.42 -0.01
ASTORIA___2 24149	36.86 1.35 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.43 1.26 0.00	35.79 1.08 0.00	38.35 1.01 0.00	46.96 2.11 0.01	54.62 2.94 0.01	52.83 3.04 0.01	45.63 2.50 0.01	42.58 1.40 0.01	40.61 1.71 0.01	39.22 1.76 0.01	38.26 1.75 0.01	39.04 1.96 0.01	41.07 2.33 0.01	45.49 2.62 0.01	52.36 3.56 0.01	49.38 3.83 0.01	45.54 2.98 0.01	40.65 2.45 0.01	38.32 2.13 0.01	36.59 2.58 -0.01	35.41 2.28 -0.01
ASTORIA___3 23516	37.00 1.49 0.00	35.53 1.56 0.00	35.41 1.39 0.00	35.54 1.37 0.00	36.00 1.29 0.00	38.65 1.31 0.00	47.32 2.47 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.90 2.76 0.00	42.84 1.65 0.00	40.82 1.91 0.00	39.42 1.95 0.00	38.45 1.93 0.00	39.20 2.11 0.00	41.27 2.52 0.00	45.75 2.87 0.00	52.66 3.85 0.00	49.57 4.01 0.00	45.76 3.19 0.00	40.84 2.63 0.00	38.54 2.35 0.00	36.45 2.45 -0.01	35.31 2.19 -0.01
ASTORIA___4 23517	36.93 1.42 0.00	35.53 1.56 0.00	35.37 1.36 0.00	35.57 1.40 0.00	36.00 1.28 0.00	38.65 1.31 0.00	47.33 2.47 0.00	55.09 3.41 0.00	53.09 3.29 0.00	45.55 2.42 0.00	42.80 1.61 0.00	40.74 1.83 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.59 2.58 -0.01	35.41 2.29 -0.01
ASTORIA___5 23518	37.00 1.49 0.00	35.53 1.56 0.00	35.41 1.39 0.00	35.54 1.37 0.00	36.00 1.29 0.00	38.65 1.31 0.00	47.32 2.47 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.90 2.76 0.00	42.84 1.65 0.00	40.82 1.91 0.00	39.42 1.95 0.00	38.45 1.93 0.00	39.20 2.11 0.00	41.27 2.52 0.00	45.75 2.87 0.00	52.66 3.85 0.00	49.57 4.01 0.00	45.76 3.19 0.00	40.84 2.63 0.00	38.54 2.35 0.00	36.45 2.45 -0.01	35.31 2.19 -0.01
AST_ENERGY_2_CC3 323677	36.86 1.35 0.00	35.32 1.36 0.00	35.23 1.22 0.00	35.36 1.20 0.00	35.90 1.18 0.00	38.57 1.23 0.00	47.28 2.42 0.00	54.94 3.26 0.00	53.04 3.24 0.00	45.81 2.68 0.00	42.80 1.60 0.00	40.74 1.83 0.00	39.34 1.87 0.00	38.38 1.86 0.00	39.13 2.04 0.00	41.16 2.40 0.00	45.62 2.75 0.00	52.47 3.66 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.73 2.52 0.00	38.43 2.24 0.00	36.20 2.21 0.00	35.04 1.92 0.00
AST_ENERGY_2_CC4 323678	36.86 1.35 0.00	35.32 1.36 0.00	35.23 1.22 0.00	35.36 1.20 0.00	35.90 1.18 0.00	38.57 1.23 0.00	47.28 2.42 0.00	54.94 3.26 0.00	53.04 3.24 0.00	45.81 2.68 0.00	42.80 1.60 0.00	40.74 1.83 0.00	39.34 1.87 0.00	38.38 1.86 0.00	39.13 2.04 0.00	41.16 2.40 0.00	45.62 2.75 0.00	52.47 3.66 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.73 2.52 0.00	38.43 2.24 0.00	36.20 2.21 0.00	35.04 1.92 0.00

ATHENS_STG_1 23668	36.43 0.92 0.00	34.85 0.88 0.00	34.89 0.88 0.00	35.05 0.89 0.00	35.62 0.90 0.00	38.24 0.89 0.00	46.38 1.53 0.00	53.64 1.96 0.00	51.74 1.94 0.00	44.69 1.55 0.00	42.14 0.95 0.00	39.92 1.01 0.00	38.48 1.01 0.00	37.54 1.02 0.00	38.16 1.08 0.00	40.03 1.28 0.00	44.38 1.50 0.00	50.90 2.10 0.00	47.66 2.10 0.00	44.23 1.66 0.00	39.62 1.41 0.00	37.49 1.30 0.00	35.25 1.26 0.00	34.25 1.13 0.00
ATHENS_STG_2 23670	36.43 0.92 0.00	34.85 0.88 0.00	34.89 0.88 0.00	35.05 0.89 0.00	35.62 0.90 0.00	38.24 0.89 0.00	46.38 1.53 0.00	53.64 1.96 0.00	51.74 1.94 0.00	44.69 1.55 0.00	42.14 0.95 0.00	39.92 1.01 0.00	38.48 1.01 0.00	37.54 1.02 0.00	38.16 1.08 0.00	40.03 1.28 0.00	44.38 1.50 0.00	50.90 2.10 0.00	47.66 2.10 0.00	44.23 1.66 0.00	39.62 1.41 0.00	37.49 1.30 0.00	35.25 1.26 0.00	34.25 1.13 0.00
ATHENS_STG_3 23677	36.43 0.92 0.00	34.85 0.88 0.00	34.89 0.88 0.00	35.05 0.89 0.00	35.62 0.90 0.00	38.24 0.89 0.00	46.38 1.53 0.00	53.64 1.96 0.00	51.74 1.94 0.00	44.69 1.55 0.00	42.14 0.95 0.00	39.92 1.01 0.00	38.48 1.01 0.00	37.54 1.02 0.00	38.16 1.08 0.00	40.03 1.28 0.00	44.38 1.50 0.00	50.90 2.10 0.00	47.66 2.10 0.00	44.23 1.66 0.00	39.62 1.41 0.00	37.49 1.30 0.00	35.25 1.26 0.00	34.25 1.13 0.00
AUBURN___LFGE 323710	35.51 0.00 0.00	33.93 -0.03 0.00	33.98 -0.03 0.00	34.17 0.00 0.00	34.82 0.10 0.00	37.60 0.26 0.00	45.44 0.58 0.00	52.09 0.41 0.00	50.15 0.35 0.00	43.35 0.22 0.00	41.56 0.37 0.00	39.14 0.23 0.00	37.62 0.15 0.00	36.59 0.07 0.00	37.13 0.04 0.00	38.68 -0.08 0.00	42.92 0.04 0.00	49.10 0.29 0.00	45.70 0.14 0.00	42.44 -0.13 0.00	38.13 -0.08 0.00	36.04 -0.14 0.00	33.66 -0.34 0.00	32.82 -0.30 0.00
BABYLON_RES_REC 323704	43.15 2.42 -5.23	39.78 2.34 -3.47	36.19 2.18 0.00	36.36 2.19 0.00	40.66 2.26 -3.69	43.93 2.43 -4.16	51.39 3.81 -2.72	57.64 4.75 -1.21	54.50 4.68 -0.01	49.42 3.84 -2.45	43.99 2.80 0.00	41.67 2.76 0.00	40.09 2.62 0.00	39.11 2.59 0.00	40.02 2.93 0.00	43.25 3.29 -1.20	53.06 3.94 -6.24	62.30 5.12 -8.37	58.51 5.06 -7.89	50.53 4.22 -3.75	49.03 3.55 -7.26	44.72 3.19 -5.34	39.21 2.99 -2.22	38.38 2.75 -2.51
BABYLON__69_KV_BK2 356345	43.58 2.84 -5.23	40.26 2.82 -3.47	36.70 2.69 0.00	36.90 2.73 0.00	41.15 2.74 -3.69	44.45 2.95 -4.16	52.15 4.58 -2.72	58.58 5.68 -1.21	55.25 5.43 -0.01	49.73 4.14 -2.45	44.44 3.25 0.00	42.10 3.19 0.00	40.43 2.96 0.00	39.55 3.03 0.00	40.39 3.30 0.00	43.72 3.76 -1.20	53.83 4.72 -6.24	63.14 5.95 -8.38	59.24 5.79 -7.89	51.13 4.81 -3.75	49.64 4.16 -7.26	45.33 3.80 -5.34	39.79 3.57 -2.22	38.91 3.28 -2.51
BALL_HILL_WT_PWR 323825	35.72 0.21 0.00	33.96 0.00 0.00	33.98 -0.03 0.00	34.24 0.07 0.00	34.89 0.17 0.00	38.28 0.93 0.00	45.71 0.85 0.00	51.42 -0.26 0.00	48.96 -0.85 0.00	42.92 -0.21 0.00	41.07 -0.12 0.00	38.68 -0.23 0.00	37.06 -0.41 0.00	35.97 -0.55 0.00	35.94 -1.15 0.00	36.74 -2.02 0.00	40.74 -2.14 0.00	47.05 -1.76 0.00	43.38 -2.19 0.00	40.10 -2.47 0.00	36.18 -2.03 0.00	34.31 -1.88 0.00	32.26 -1.73 0.00	32.06 -1.06 0.00
BARON_WINDS___WT_PWR 323822	35.90 0.39 0.00	34.20 0.24 0.00	34.28 0.27 0.00	34.54 0.38 0.00	35.24 0.52 0.00	38.50 1.16 0.00	46.25 1.39 0.00	52.50 0.82 0.00	50.20 0.40 0.00	43.74 0.60 0.00	41.69 0.50 0.00	39.19 0.27 0.00	37.58 0.11 0.00	36.41 -0.11 0.00	36.53 -0.56 0.00	37.63 -1.13 0.00	41.63 -1.24 0.00	47.93 -0.88 0.00	44.33 -1.23 0.00	40.99 -1.57 0.00	36.91 -1.30 0.00	34.92 -1.27 0.00	32.84 -1.16 0.00	32.32 -0.80 0.00
BARRETT_IC_1 23704	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT_IC_10 23701	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT_IC_11 23702	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT_IC_12 23703	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT_IC_2 23705	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT_IC_3 23706	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT_IC_4 23707	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51

BARRETT_IC_5 23708	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT_IC_6 23709	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT_IC_7 23710	42.69 1.95 -5.23	39.41 1.97 -3.47	35.85 1.84 0.00	36.05 1.88 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.82 3.93 -1.21	53.70 3.88 -0.01	48.52 2.93 -2.45	43.41 2.22 0.00	41.21 2.30 0.00	39.68 2.21 0.00	38.82 2.30 0.00	39.57 2.48 0.00	42.75 2.79 -1.20	52.37 3.26 -6.24	61.33 4.15 -8.37	57.55 4.10 -7.89	49.68 3.36 -3.75	48.42 2.94 -7.26	44.32 2.79 -5.34	39.00 2.79 -2.22	38.14 2.52 -2.51
BARRETT_IC_8 23711	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT_IC_9 23700	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT___1 23545	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BARRETT___2 23546	42.76 2.02 -5.23	39.41 1.97 -3.47	35.81 1.80 0.00	35.98 1.81 0.00	40.28 1.87 -3.69	43.48 1.98 -4.16	50.63 3.05 -2.72	56.77 3.88 -1.21	53.71 3.89 -0.01	48.86 3.28 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.65 2.56 0.00	42.83 2.87 -1.20	52.33 3.22 -6.24	61.38 4.20 -8.37	57.64 4.19 -7.89	49.77 3.45 -3.75	48.46 2.98 -7.26	44.28 2.75 -5.34	38.87 2.65 -2.22	38.08 2.45 -2.51
BATAVIA__115KV_TB1 55881	35.58 0.07 0.00	33.86 -0.10 0.00	33.91 -0.10 0.00	34.34 0.17 0.00	35.17 0.45 0.00	38.09 0.75 0.00	45.40 0.54 0.00	50.65 -1.03 0.00	48.76 -1.05 0.00	42.36 -0.78 0.00	41.23 0.04 0.00	38.76 -0.16 0.00	37.13 -0.34 0.00	35.97 -0.55 0.00	36.20 -0.89 0.00	37.05 -1.71 0.00	41.16 -1.72 0.00	47.15 -1.66 0.00	43.83 -1.73 0.00	40.48 -2.09 0.00	36.49 -1.72 0.00	34.56 -1.63 0.00	31.92 -2.07 0.00	31.63 -1.49 0.00
BAYONEEC___CTG1 323682	36.86 1.35 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.61 1.27 0.00	47.28 2.42 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.20 2.44 0.00	45.66 2.79 0.00	52.70 3.66 -0.23	49.39 3.83 0.00	45.63 3.07 0.00	40.81 2.60 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00
BAYONEEC___CTG10 323750	36.86 1.35 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.61 1.27 0.00	47.28 2.42 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.20 2.44 0.00	45.66 2.79 0.00	52.70 3.66 -0.23	49.39 3.83 0.00	45.63 3.07 0.00	40.81 2.60 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00
BAYONEEC___CTG2 323683	36.86 1.35 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.61 1.27 0.00	47.28 2.42 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.20 2.44 0.00	45.66 2.79 0.00	52.70 3.66 -0.23	49.39 3.83 0.00	45.63 3.07 0.00	40.81 2.60 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00
BAYONEEC___CTG3 323684	36.86 1.35 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.61 1.27 0.00	47.28 2.42 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.20 2.44 0.00	45.66 2.79 0.00	52.70 3.66 -0.23	49.39 3.83 0.00	45.63 3.07 0.00	40.81 2.60 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00
BAYONEEC___CTG4 323685	36.86 1.35 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.61 1.27 0.00	47.28 2.42 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.20 2.44 0.00	45.66 2.79 0.00	52.70 3.66 -0.23	49.39 3.83 0.00	45.63 3.07 0.00	40.81 2.60 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00
BAYONEEC___CTG5 323686	36.86 1.35 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.61 1.27 0.00	47.28 2.42 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.20 2.44 0.00	45.66 2.79 0.00	52.70 3.66 -0.23	49.39 3.83 0.00	45.63 3.07 0.00	40.81 2.60 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00
BAYONEEC___CTG6 323687	36.86 1.35 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.61 1.27 0.00	47.28 2.42 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.20 2.44 0.00	45.66 2.79 0.00	52.70 3.66 -0.23	49.39 3.83 0.00	45.63 3.07 0.00	40.81 2.60 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00

BAYONEEC___CTG7 323688	36.86 1.35 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.61 1.27 0.00	47.28 2.42 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.20 2.44 0.00	45.66 2.79 0.00	52.70 3.66 -0.23	49.39 3.83 0.00	45.63 3.07 0.00	40.81 2.60 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00
BAYONEEC___CTG8 323689	36.86 1.35 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.61 1.27 0.00	47.28 2.42 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.20 2.44 0.00	45.66 2.79 0.00	52.70 3.66 -0.23	49.39 3.83 0.00	45.63 3.07 0.00	40.81 2.60 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00
BAYONEEC___CTG9 323749	36.86 1.35 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.61 1.27 0.00	47.28 2.42 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.20 2.44 0.00	45.66 2.79 0.00	52.70 3.66 -0.23	49.39 3.83 0.00	45.63 3.07 0.00	40.81 2.60 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00
BEACON___LESR 323632	36.40 0.89 0.00	34.81 0.85 0.00	34.86 0.85 0.00	34.99 0.82 0.00	35.58 0.87 0.00	38.28 0.93 0.00	46.47 1.61 0.00	53.64 1.96 0.00	51.70 1.89 0.00	44.61 1.47 0.00	42.10 0.91 0.00	39.81 0.90 0.00	38.29 0.82 0.00	37.32 0.80 0.00	38.02 0.93 0.00	39.88 1.12 0.00	44.21 1.33 0.00	50.81 2.00 0.00	47.48 1.91 0.00	44.14 1.58 0.00	39.55 1.34 0.00	37.49 1.30 0.00	35.22 1.22 0.00	34.25 1.13 0.00
BEAVER RIVER___HYD 24048	35.12 -0.39 0.00	33.56 -0.41 0.00	33.60 -0.41 0.00	33.76 -0.41 0.00	34.30 -0.42 0.00	37.01 -0.34 0.00	44.68 -0.18 0.00	51.63 -0.05 0.00	49.75 -0.05 0.00	42.97 -0.17 0.00	40.99 -0.20 0.00	38.64 -0.27 0.00	37.17 -0.30 0.00	36.19 -0.33 0.00	36.79 -0.30 0.00	38.41 -0.35 0.00	42.66 -0.21 0.00	48.47 -0.34 0.00	45.20 -0.37 0.00	42.31 -0.25 0.00	37.79 -0.42 0.00	35.76 -0.43 0.00	33.45 -0.55 0.00	32.52 -0.60 0.00
BEEBEE_GT_13 23619	35.08 -0.43 0.00	33.42 -0.54 0.00	33.50 -0.51 0.00	33.83 -0.34 0.00	34.54 -0.17 0.00	37.38 0.04 0.00	44.72 -0.13 0.00	50.39 -1.29 0.00	48.56 -1.25 0.00	42.15 -0.99 0.00	40.82 -0.37 0.00	38.41 -0.51 0.00	36.83 -0.64 0.00	35.75 -0.77 0.00	36.12 -0.96 0.00	37.24 -1.51 0.00	41.33 -1.54 0.00	47.29 -1.51 0.00	44.01 -1.55 0.00	40.78 -1.79 0.00	36.72 -1.49 0.00	34.74 -1.45 0.00	32.26 -1.73 0.00	31.73 -1.39 0.00
BENSHRST_27_KV_BENSHRST_1 355998	37.36 1.85 -0.01	35.91 1.94 -0.01	35.75 1.73 -0.01	35.95 1.78 -0.01	36.42 1.70 -0.01	39.11 1.76 -0.01	47.86 3.01 0.00	55.61 3.93 0.00	53.59 3.79 0.00	45.99 2.85 0.00	43.13 1.94 0.00	41.05 2.14 0.00	39.64 2.17 0.00	38.71 2.19 0.00	39.42 2.34 0.00	41.62 2.87 0.00	46.31 3.43 0.00	53.43 4.39 -0.23	50.04 4.47 -0.01	46.10 3.53 0.00	41.23 3.02 0.00	39.05 2.86 0.00	36.96 2.96 -0.01	35.71 2.58 -0.01
BETHLEHEM___GRP 23843	35.69 0.18 0.00	34.17 0.20 0.00	34.21 0.20 0.00	34.30 0.14 0.00	34.85 0.14 0.00	37.53 0.19 0.00	45.49 0.63 0.00	52.56 0.88 0.00	50.65 0.85 0.00	43.57 0.43 0.00	41.31 0.12 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.35 0.26 0.00	39.18 0.43 0.00	43.48 0.60 0.00	49.78 0.98 0.00	46.52 0.96 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.77 0.58 0.00	34.68 0.68 0.00	33.68 0.56 0.00
BETHLEHEM___GS1 323560	35.72 0.21 0.00	34.17 0.21 0.00	34.22 0.21 0.00	34.34 0.17 0.00	34.92 0.21 0.00	37.49 0.15 0.00	45.44 0.58 0.00	52.46 0.78 0.00	50.60 0.79 0.00	43.70 0.56 0.00	41.27 0.08 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.35 0.26 0.00	39.18 0.43 0.00	43.39 0.52 0.00	49.78 0.98 0.00	46.52 0.96 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.77 0.58 0.00	34.61 0.61 0.00	33.62 0.50 0.00
BETHLEHEM___GS2 323561	35.72 0.21 0.00	34.17 0.21 0.00	34.22 0.21 0.00	34.34 0.17 0.00	34.92 0.21 0.00	37.49 0.15 0.00	45.44 0.58 0.00	52.46 0.78 0.00	50.60 0.79 0.00	43.70 0.56 0.00	41.27 0.08 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.35 0.26 0.00	39.18 0.43 0.00	43.39 0.52 0.00	49.78 0.98 0.00	46.52 0.96 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.77 0.58 0.00	34.61 0.61 0.00	33.62 0.50 0.00
BETHLEHEM___GS3 323562	35.72 0.21 0.00	34.17 0.21 0.00	34.22 0.21 0.00	34.34 0.17 0.00	34.92 0.21 0.00	37.49 0.15 0.00	45.44 0.58 0.00	52.46 0.78 0.00	50.60 0.79 0.00	43.70 0.56 0.00	41.27 0.08 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.35 0.26 0.00	39.18 0.43 0.00	43.39 0.52 0.00	49.78 0.98 0.00	46.52 0.96 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.77 0.58 0.00	34.61 0.61 0.00	33.62 0.50 0.00
BETHLEHEM___STEEL 23779	35.54 0.04 0.00	33.90 -0.07 0.00	33.91 -0.10 0.00	34.41 0.24 0.00	35.27 0.56 0.00	38.09 0.75 0.00	45.17 0.31 0.00	50.39 -1.29 0.00	48.36 -1.44 0.00	41.89 -1.25 0.00	40.82 -0.37 0.00	38.48 -0.43 0.00	36.95 -0.52 0.00	35.75 -0.77 0.00	35.86 -1.22 0.00	36.66 -2.09 0.00	40.69 -2.19 0.00	46.56 -2.25 0.00	43.19 -2.37 0.00	39.97 -2.60 0.00	36.07 -2.14 0.00	34.23 -1.95 0.00	31.68 -2.31 0.00	31.53 -1.59 0.00
BETHLHEM_115KV_TB1 79974	35.79 0.28 0.00	34.27 0.31 0.00	34.32 0.31 0.00	34.41 0.24 0.00	34.96 0.24 0.00	37.64 0.30 0.00	45.62 0.76 0.00	52.66 0.98 0.00	50.75 0.95 0.00	43.70 0.56 0.00	41.44 0.25 0.00	39.18 0.27 0.00	37.77 0.30 0.00	36.81 0.29 0.00	37.46 0.37 0.00	39.26 0.50 0.00	43.56 0.69 0.00	49.93 1.12 0.00	46.66 1.09 0.00	43.38 0.81 0.00	38.90 0.69 0.00	36.88 0.69 0.00	34.74 0.75 0.00	33.78 0.66 0.00
BETHPAGE_CC_5 323564	42.83 2.09 -5.23	39.51 2.07 -3.47	35.91 1.90 0.00	36.08 1.91 0.00	40.38 1.98 -3.69	43.59 2.09 -4.16	50.90 3.32 -2.72	57.03 4.14 -1.21	53.95 4.13 -0.01	48.99 3.41 -2.45	43.66 2.47 0.00	41.40 2.49 0.00	39.87 2.40 0.00	38.89 2.37 0.00	39.76 2.67 0.00	42.98 3.02 -1.20	52.63 3.52 -6.24	61.72 4.54 -8.37	58.00 4.56 -7.89	50.07 3.75 -3.75	48.68 3.21 -7.26	44.43 2.90 -5.34	39.07 2.86 -2.22	38.21 2.59 -2.51
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	35.69 0.18 0.00	34.03 0.07 0.00	34.04 0.03 0.00	34.58 0.41 0.00	35.41 0.69 0.00	38.28 0.93 0.00	45.44 0.58 0.00	50.70 -0.98 0.00	48.61 -1.20 0.00	42.10 -1.04 0.00	41.03 -0.16 0.00	38.68 -0.23 0.00	37.13 -0.34 0.00	35.93 -0.58 0.00	36.01 -1.08 0.00	36.78 -1.98 0.00	40.82 -2.06 0.00	46.76 -2.05 0.00	43.38 -2.19 0.00	40.14 -2.43 0.00	36.22 -1.99 0.00	34.34 -1.85 0.00	31.79 -2.21 0.00	31.60 -1.52 0.00

BINGHAMTON___COGEN 23790	35.90 0.39 0.00	34.27 0.31 0.00	34.35 0.34 0.00	34.58 0.41 0.00	35.20 0.49 0.00	37.98 0.63 0.00	45.80 0.94 0.00	52.51 0.83 0.00	50.45 0.65 0.00	43.53 0.39 0.00	41.64 0.45 0.00	39.30 0.39 0.00	37.81 0.34 0.00	36.77 0.26 0.00	37.27 0.19 0.00	38.80 0.04 0.00	43.09 0.21 0.00	49.39 0.59 0.00	45.97 0.41 0.00	42.65 0.09 0.00	38.29 0.08 0.00	36.26 0.07 0.00	33.89 -0.10 0.00	33.12 0.00 0.00
BIXINCNT_115KV_LOAD 355685	36.04 0.53 0.00	34.47 0.51 0.00	34.49 0.48 0.00	35.26 1.09 0.00	36.14 1.42 0.00	39.06 1.72 0.00	46.52 1.66 0.00	52.14 0.47 0.00	49.80 0.00 0.00	43.01 -0.13 0.00	41.52 0.33 0.00	38.99 0.08 0.00	37.43 -0.04 0.00	35.97 -0.55 0.00	35.79 -1.30 0.00	36.20 -2.56 0.00	40.05 -2.83 0.00	45.63 -3.17 0.00	42.56 -3.01 0.00	39.37 -3.19 0.00	35.46 -2.75 0.00	33.58 -2.61 0.00	31.07 -2.92 0.00	30.93 -2.19 0.00
BLACK RIVER___HYD 24047	35.15 -0.36 0.00	33.52 -0.44 0.00	33.57 -0.44 0.00	33.72 -0.45 0.00	34.26 -0.45 0.00	37.04 -0.30 0.00	44.86 0.00 0.00	51.73 0.05 0.00	49.85 0.05 0.00	43.01 -0.13 0.00	41.03 -0.16 0.00	38.60 -0.31 0.00	37.13 -0.34 0.00	36.12 -0.40 0.00	36.72 -0.37 0.00	38.33 -0.43 0.00	42.66 -0.21 0.00	48.61 -0.19 0.00	45.29 -0.27 0.00	42.36 -0.21 0.00	37.86 -0.34 0.00	35.79 -0.40 0.00	33.42 -0.58 0.00	32.49 -0.63 0.00
BLACKRVR_115KV_TB2 79977	35.19 -0.32 0.00	33.52 -0.44 0.00	33.57 -0.44 0.00	33.76 -0.41 0.00	34.30 -0.42 0.00	37.04 -0.30 0.00	44.81 -0.04 0.00	51.73 0.05 0.00	49.85 0.05 0.00	42.92 -0.22 0.00	40.98 -0.21 0.00	38.56 -0.35 0.00	37.13 -0.34 0.00	36.12 -0.40 0.00	36.72 -0.37 0.00	38.33 -0.43 0.00	42.71 -0.17 0.00	48.61 -0.20 0.00	45.29 -0.27 0.00	42.35 -0.21 0.00	37.87 -0.34 0.00	35.75 -0.43 0.00	33.38 -0.61 0.00	32.46 -0.66 0.00
BLISS_WT_PWR 323608	36.08 0.57 0.00	34.44 0.48 0.00	34.45 0.44 0.00	34.99 0.82 0.00	35.76 1.04 0.00	39.21 1.87 0.00	46.92 2.06 0.00	52.87 1.19 0.00	50.15 0.35 0.00	43.87 0.73 0.00	41.60 0.41 0.00	38.95 0.04 0.00	37.36 -0.11 0.00	35.93 -0.59 0.00	35.57 -1.52 0.00	35.85 -2.91 0.00	39.58 -3.30 0.00	45.29 -3.51 0.00	42.10 -3.46 0.00	38.95 -3.62 0.00	35.08 -3.13 0.00	33.19 -3.00 0.00	31.14 -2.86 0.00	31.03 -2.09 0.00
BLUESTONE___WT_PWR 323821	38.24 2.73 0.00	36.41 2.45 0.00	36.46 2.45 0.00	36.70 2.53 0.00	37.28 2.57 0.00	40.51 3.17 0.00	49.30 4.44 0.00	56.75 5.07 0.00	54.48 4.68 0.00	47.11 3.97 0.00	44.69 3.50 0.00	41.95 3.04 0.00	40.32 2.85 0.00	39.22 2.70 0.00	39.72 2.63 0.00	41.35 2.60 0.00	46.10 3.22 0.00	52.91 4.10 0.00	49.21 3.65 0.00	45.76 3.19 0.00	40.84 2.63 0.00	38.51 2.32 0.00	35.93 1.94 0.00	35.01 1.89 0.00
BLUE_CIRC_CHEM_DRP 24182	36.29 0.78 0.00	34.74 0.78 0.00	34.79 0.78 0.00	34.92 0.75 0.00	35.48 0.76 0.00	38.16 0.82 0.00	46.20 1.35 0.00	53.28 1.60 0.00	51.30 1.49 0.00	44.17 1.04 0.00	41.93 0.74 0.00	39.65 0.74 0.00	38.18 0.71 0.00	37.25 0.73 0.00	37.87 0.78 0.00	39.69 0.93 0.00	44.04 1.16 0.00	50.42 1.61 0.00	47.07 1.50 0.00	43.80 1.23 0.00	39.32 1.11 0.00	37.31 1.12 0.00	35.08 1.09 0.00	34.15 1.03 0.00
BOC_GAS_DRP 24189	36.04 0.53 0.00	34.51 0.54 0.00	34.56 0.54 0.00	34.68 0.51 0.00	35.20 0.49 0.00	37.90 0.56 0.00	45.89 1.03 0.00	52.97 1.29 0.00	51.05 1.25 0.00	43.96 0.82 0.00	41.73 0.54 0.00	39.46 0.54 0.00	38.03 0.56 0.00	37.10 0.58 0.00	37.72 0.63 0.00	39.53 0.78 0.00	43.86 0.99 0.00	50.17 1.37 0.00	46.93 1.37 0.00	43.59 1.02 0.00	39.13 0.92 0.00	37.06 0.87 0.00	34.91 0.92 0.00	33.95 0.83 0.00
BOONVILLE_115KV_TB1 79983	36.25 0.75 0.00	34.61 0.65 0.00	34.62 0.61 0.00	34.82 0.65 0.00	35.37 0.66 0.00	38.20 0.86 0.00	46.20 1.35 0.00	53.33 1.65 0.00	51.40 1.59 0.00	44.30 1.16 0.00	42.10 0.91 0.00	39.85 0.93 0.00	38.37 0.90 0.00	37.36 0.84 0.00	37.94 0.85 0.00	39.61 0.85 0.00	43.99 1.11 0.00	50.12 1.32 0.00	46.75 1.18 0.00	43.63 1.06 0.00	39.01 0.80 0.00	36.91 0.72 0.00	34.54 0.54 0.00	33.62 0.50 0.00
BORALEX_4TH_BRANCH 23824	37.18 1.67 0.00	35.59 1.63 0.00	35.61 1.60 0.00	35.77 1.61 0.00	36.35 1.63 0.00	39.13 1.79 0.00	47.46 2.60 0.00	54.83 3.15 0.00	52.79 2.99 0.00	45.38 2.24 0.00	43.04 1.85 0.00	40.70 1.79 0.00	39.23 1.76 0.00	38.23 1.72 0.00	38.87 1.78 0.00	40.73 1.98 0.00	45.28 2.40 0.00	51.93 3.12 0.00	48.57 3.01 0.00	45.12 2.55 0.00	40.46 2.25 0.00	38.36 2.17 0.00	36.10 2.11 0.00	35.11 1.99 0.00
BOWLINE___1 23526	36.68 1.17 0.00	35.12 1.16 0.00	35.07 1.06 0.00	35.23 1.06 0.00	35.76 1.04 0.00	38.43 1.08 0.00	46.92 2.06 0.00	54.42 2.74 0.00	52.54 2.74 0.00	45.34 2.20 0.00	42.51 1.32 0.00	40.35 1.44 0.00	38.93 1.46 0.00	37.98 1.46 0.00	38.68 1.59 0.00	40.62 1.86 0.00	45.06 2.19 0.00	51.93 3.13 0.00	48.70 3.14 0.00	44.99 2.43 0.00	40.23 2.02 0.00	38.00 1.81 0.00	35.76 1.77 0.00	34.68 1.56 0.00
BOWLINE___2 23595	36.68 1.17 0.00	35.12 1.16 0.00	35.07 1.06 0.00	35.23 1.06 0.00	35.76 1.04 0.00	38.43 1.08 0.00	46.92 2.06 0.00	54.42 2.74 0.00	52.54 2.74 0.00	45.34 2.20 0.00	42.51 1.32 0.00	40.35 1.44 0.00	38.93 1.46 0.00	37.98 1.46 0.00	38.68 1.59 0.00	40.62 1.86 0.00	45.06 2.19 0.00	51.93 3.13 0.00	48.70 3.14 0.00	44.99 2.43 0.00	40.23 2.02 0.00	38.00 1.81 0.00	35.76 1.77 0.00	34.68 1.56 0.00
BRADY___115KV_TB2 356060	36.01 0.50 0.00	34.41 0.44 0.00	34.45 0.44 0.00	34.65 0.48 0.00	35.13 0.42 0.00	37.53 0.19 0.00	44.68 -0.18 0.00	51.63 -0.05 0.00	49.80 0.00 0.00	43.53 0.39 0.00	41.77 0.58 0.00	39.30 0.39 0.00	37.92 0.45 0.00	36.96 0.44 0.00	37.50 0.41 0.00	39.11 0.35 0.00	43.01 0.13 0.00	48.37 -0.44 0.00	45.11 -0.46 0.00	42.48 -0.09 0.00	38.06 -0.15 0.00	35.97 -0.22 0.00	33.96 -0.03 0.00	33.12 0.00 0.00
BRANSCOMB___SOLAR 323811	37.11 1.60 0.00	35.46 1.49 0.00	35.54 1.53 0.00	35.71 1.54 0.00	36.31 1.60 0.00	39.10 1.76 0.00	47.06 2.20 0.00	54.16 2.48 0.00	52.05 2.24 0.00	44.87 1.73 0.00	42.47 1.28 0.00	40.12 1.21 0.00	38.63 1.16 0.00	37.65 1.13 0.00	38.35 1.26 0.00	40.23 1.47 0.00	44.60 1.72 0.00	51.25 2.44 0.00	47.88 2.32 0.00	44.57 2.00 0.00	40.35 2.14 0.00	38.25 2.06 0.00	35.83 1.83 0.00	34.87 1.75 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.51 2.77 -5.23	40.22 2.79 -3.47	36.63 2.62 0.00	36.87 2.70 0.00	41.11 2.71 -3.69	44.38 2.88 -4.16	52.06 4.49 -2.72	58.42 5.53 -1.21	55.15 5.33 -0.01	49.60 4.01 -2.45	44.32 3.13 0.00	41.91 3.00 0.00	40.24 2.77 0.00	39.37 2.85 0.00	40.20 3.12 0.00	43.52 3.57 -1.20	53.62 4.50 -6.24	62.84 5.66 -8.38	58.92 5.47 -7.89	50.92 4.60 -3.75	49.45 3.97 -7.26	45.11 3.58 -5.34	39.62 3.40 -2.22	38.74 3.11 -2.51

BRISTLHL_115KV_TB1 79998	34.62 -0.89 0.00	33.08 -0.88 0.00	33.13 -0.88 0.00	33.31 -0.85 0.00	33.88 -0.83 0.00	36.52 -0.82 0.00	44.05 -0.81 0.00	50.59 -1.09 0.00	48.76 -1.05 0.00	42.15 -0.99 0.00	40.33 -0.87 0.00	38.06 -0.86 0.00	36.57 -0.90 0.00	35.64 -0.88 0.00	36.16 -0.93 0.00	37.75 -1.01 0.00	41.85 -1.03 0.00	47.83 -0.98 0.00	44.56 -1.00 0.00	41.46 -1.11 0.00	37.25 -0.96 0.00	35.25 -0.94 0.00	33.01 -0.99 0.00	32.19 -0.93 0.00
BROOKHAVEN___DRP 24191	43.61 2.88 -5.23	40.29 2.85 -3.47	36.70 2.69 0.00	36.94 2.77 0.00	41.18 2.78 -3.69	44.49 2.99 -4.16	52.20 4.62 -2.72	58.68 5.79 -1.21	55.30 5.48 -0.01	49.68 4.10 -2.45	44.40 3.21 0.00	42.10 3.19 0.00	40.39 2.92 0.00	39.55 3.03 0.00	40.43 3.34 0.00	43.72 3.76 -1.20	53.92 4.80 -6.24	63.29 6.10 -8.38	59.34 5.88 -7.90	51.21 4.90 -3.75	49.71 4.24 -7.26	45.33 3.80 -5.34	39.82 3.60 -2.22	38.94 3.31 -2.51
BROOKLYN_NAVY_YARD 23515	36.89 1.38 0.00	35.36 1.39 0.00	35.23 1.22 0.00	35.40 1.23 0.00	35.93 1.21 0.00	38.65 1.31 0.00	47.37 2.51 0.00	55.09 3.41 0.00	53.19 3.39 0.00	45.94 2.80 0.00	42.92 1.73 0.00	40.89 1.98 0.00	39.45 1.98 0.00	38.49 1.97 0.00	39.24 2.15 0.00	41.27 2.52 0.00	45.75 2.87 0.00	52.66 3.85 0.00	49.57 4.01 0.00	45.76 3.19 0.00	40.88 2.67 0.00	38.54 2.35 0.00	36.27 2.28 0.00	35.11 1.99 0.00
BROOKLYN___ARMY_DRP 323595	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 2.45 -0.01
BROOKVLE_69_KV_TB1 55790	42.94 2.20 -5.23	39.65 2.21 -3.47	36.05 2.04 0.00	36.25 2.08 0.00	40.49 2.08 -3.69	43.74 2.24 -4.16	51.12 3.54 -2.72	57.44 4.55 -1.21	54.25 4.43 -0.01	48.95 3.36 -2.45	43.79 2.60 0.00	41.60 2.68 0.00	39.98 2.51 0.00	39.11 2.59 0.00	39.87 2.78 0.00	43.14 3.18 -1.20	52.76 3.64 -6.24	61.82 4.64 -8.37	58.01 4.56 -7.89	50.02 3.70 -3.75	48.87 3.40 -7.26	44.68 3.15 -5.34	39.24 3.03 -2.22	38.38 2.75 -2.51
BROOME_2_LFGE 323671	35.94 0.43 0.00	34.27 0.30 0.00	34.32 0.31 0.00	34.54 0.38 0.00	35.10 0.38 0.00	37.98 0.63 0.00	45.89 1.03 0.00	52.61 0.93 0.00	50.55 0.75 0.00	43.83 0.69 0.00	41.69 0.50 0.00	39.34 0.43 0.00	37.84 0.37 0.00	36.81 0.29 0.00	37.27 0.19 0.00	38.80 0.04 0.00	43.05 0.17 0.00	49.44 0.63 0.00	46.02 0.46 0.00	42.65 0.09 0.00	38.29 0.08 0.00	36.23 0.04 0.00	34.00 0.00 0.00	33.22 0.10 0.00
BROOME___LFGE 323600	35.94 0.43 0.00	34.27 0.30 0.00	34.32 0.31 0.00	34.54 0.38 0.00	35.10 0.38 0.00	37.98 0.63 0.00	45.89 1.03 0.00	52.61 0.93 0.00	50.55 0.75 0.00	43.83 0.69 0.00	41.69 0.50 0.00	39.34 0.43 0.00	37.84 0.37 0.00	36.81 0.29 0.00	37.27 0.19 0.00	38.80 0.04 0.00	43.05 0.17 0.00	49.44 0.63 0.00	46.02 0.46 0.00	42.65 0.09 0.00	38.29 0.08 0.00	36.23 0.04 0.00	34.00 0.00 0.00	33.22 0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	34.87 -0.64 0.00	33.28 -0.68 0.00	33.33 -0.68 0.00	33.52 -0.65 0.00	33.99 -0.73 0.00	36.48 -0.86 0.00	43.78 -1.08 0.00	50.59 -1.09 0.00	48.86 -0.95 0.00	42.41 -0.73 0.00	40.57 -0.62 0.00	38.21 -0.70 0.00	36.80 -0.67 0.00	35.86 -0.66 0.00	36.42 -0.67 0.00	38.02 -0.74 0.00	42.02 -0.86 0.00	47.54 -1.27 0.00	44.33 -1.23 0.00	41.59 -0.98 0.00	37.18 -1.03 0.00	35.14 -1.05 0.00	33.04 -0.95 0.00	32.19 -0.93 0.00
BROWNSV1_27_KV_LOAD 356125	37.11 1.60 0.00	35.63 1.66 0.00	35.51 1.50 0.00	35.67 1.50 0.00	36.21 1.49 0.00	38.91 1.57 0.00	47.73 2.87 0.00	55.56 3.88 0.00	53.54 3.74 0.00	45.94 2.80 0.00	43.17 1.98 0.00	41.09 2.18 0.00	39.64 2.17 0.00	38.71 2.19 0.00	39.39 2.30 0.00	41.47 2.71 0.00	46.18 3.30 0.00	53.00 4.20 0.00	49.80 4.24 0.00	45.97 3.41 0.00	41.15 2.94 0.00	38.90 2.71 0.00	36.65 2.65 0.00	35.44 2.32 0.00
BURROWS___LYONSDAL 23803	36.04 0.53 0.00	34.41 0.44 0.00	34.45 0.44 0.00	34.61 0.44 0.00	35.17 0.45 0.00	37.98 0.63 0.00	45.89 1.03 0.00	52.97 1.29 0.00	51.10 1.29 0.00	44.09 0.95 0.00	41.89 0.70 0.00	39.61 0.70 0.00	38.14 0.67 0.00	37.14 0.62 0.00	37.72 0.63 0.00	39.38 0.62 0.00	43.74 0.86 0.00	49.78 0.98 0.00	46.43 0.87 0.00	43.38 0.81 0.00	38.78 0.57 0.00	36.66 0.47 0.00	34.34 0.34 0.00	33.42 0.30 0.00
CAITHNESS_CC_1 323624	43.51 2.77 -5.23	40.16 2.72 -3.47	36.53 2.52 0.00	36.70 2.53 0.00	41.04 2.64 -3.69	44.30 2.80 -4.16	51.98 4.40 -2.72	58.32 5.42 -1.21	55.10 5.28 -0.01	49.86 4.27 -2.45	44.36 3.17 0.00	41.98 3.07 0.00	40.39 2.92 0.00	39.40 2.88 0.00	40.39 3.30 0.00	43.60 3.64 -1.20	53.61 4.50 -6.24	63.00 5.81 -8.38	59.11 5.65 -7.90	51.09 4.77 -3.75	49.48 4.01 -7.26	45.08 3.55 -5.34	39.55 3.33 -2.22	38.71 3.08 -2.51
CALPINE BETH_PAGE_GT4 24209	42.72 1.99 -5.23	39.44 2.00 -3.47	35.88 1.87 0.00	36.08 1.91 0.00	40.31 1.91 -3.69	43.52 2.02 -4.16	50.85 3.27 -2.72	57.08 4.19 -1.21	53.90 4.08 -0.01	48.65 3.06 -2.45	43.50 2.31 0.00	41.29 2.37 0.00	39.68 2.21 0.00	38.82 2.30 0.00	39.61 2.52 0.00	42.86 2.91 -1.20	52.63 3.52 -6.24	61.67 4.49 -8.37	57.87 4.42 -7.89	49.94 3.62 -3.75	48.64 3.17 -7.26	44.53 3.00 -5.34	39.07 2.86 -2.22	38.21 2.58 -2.51
CALPINE_BETH_PAGE_GT_4 323586	42.79 2.06 -5.23	39.44 2.00 -3.47	35.85 1.84 0.00	36.01 1.84 0.00	40.31 1.91 -3.69	43.52 2.02 -4.16	50.81 3.23 -2.72	56.97 4.08 -1.21	53.90 4.08 -0.01	48.95 3.37 -2.45	43.62 2.43 0.00	41.36 2.45 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.72 2.63 0.00	42.94 2.98 -1.20	52.58 3.47 -6.24	61.72 4.54 -8.37	57.96 4.51 -7.89	50.02 3.70 -3.75	48.61 3.13 -7.26	44.39 2.86 -5.34	38.97 2.75 -2.22	38.14 2.52 -2.51
CALPINE_BP_GT1 23823	42.79 2.06 -5.23	39.44 2.00 -3.47	35.85 1.84 0.00	36.01 1.84 0.00	40.31 1.91 -3.69	43.52 2.02 -4.16	50.81 3.23 -2.72	56.97 4.08 -1.21	53.90 4.08 -0.01	48.95 3.37 -2.45	43.62 2.43 0.00	41.36 2.45 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.72 2.63 0.00	42.94 2.98 -1.20	52.58 3.47 -6.24	61.72 4.54 -8.37	57.96 4.51 -7.89	50.02 3.70 -3.75	48.61 3.13 -7.26	44.39 2.86 -5.34	38.97 2.75 -2.22	38.14 2.52 -2.51
CALSPAN___DRP 24200	35.54 0.04 0.00	33.90 -0.07 0.00	33.91 -0.10 0.00	34.41 0.24 0.00	35.27 0.56 0.00	38.09 0.75 0.00	45.17 0.31 0.00	50.39 -1.29 0.00	48.36 -1.44 0.00	41.89 -1.25 0.00	40.82 -0.37 0.00	38.48 -0.43 0.00	36.95 -0.52 0.00	35.75 -0.77 0.00	35.86 -1.22 0.00	36.66 -2.09 0.00	40.69 -2.19 0.00	46.56 -2.25 0.00	43.19 -2.37 0.00	39.97 -2.60 0.00	36.07 -2.14 0.00	34.23 -1.95 0.00	31.68 -2.31 0.00	31.53 -1.59 0.00

CALVERTON___SOLAR 323806	43.82 3.09 -5.23	40.46 3.02 -3.47	36.80 2.79 0.00	37.00 2.83 0.00	41.32 2.92 -3.69	44.64 3.14 -4.16	52.42 4.85 -2.72	58.89 5.99 -1.21	55.59 5.77 -0.01	50.25 4.66 -2.45	44.73 3.54 0.00	42.37 3.46 0.00	40.73 3.26 0.00	39.77 3.25 0.00	40.76 3.67 0.00	43.99 4.03 -1.20	54.13 5.01 -6.24	63.63 6.44 -8.38	59.70 6.24 -7.90	51.64 5.32 -3.75	49.94 4.47 -7.26	45.48 3.95 -5.34	39.89 3.67 -2.22	39.04 3.41 -2.51
CANDIGU_WT_PWR 323617	35.90 0.39 0.00	34.20 0.24 0.00	34.28 0.27 0.00	34.54 0.38 0.00	35.24 0.52 0.00	38.50 1.16 0.00	46.25 1.39 0.00	52.50 0.82 0.00	50.20 0.40 0.00	43.74 0.60 0.00	41.69 0.50 0.00	39.19 0.27 0.00	37.58 0.11 0.00	36.41 -0.11 0.00	36.53 -0.56 0.00	37.63 -1.13 0.00	41.63 -1.24 0.00	47.93 -0.88 0.00	44.33 -1.23 0.00	40.99 -1.57 0.00	36.91 -1.30 0.00	34.92 -1.27 0.00	32.84 -1.16 0.00	32.32 -0.80 0.00
CARR STREET_E_SYR 24060	35.05 -0.46 0.00	33.46 -0.51 0.00	33.50 -0.51 0.00	33.66 -0.51 0.00	34.23 -0.49 0.00	36.90 -0.45 0.00	44.37 -0.49 0.00	50.96 -0.72 0.00	49.00 -0.80 0.00	42.49 -0.65 0.00	40.53 -0.66 0.00	38.21 -0.70 0.00	36.76 -0.71 0.00	35.82 -0.69 0.00	36.31 -0.78 0.00	37.87 -0.89 0.00	41.93 -0.94 0.00	48.02 -0.78 0.00	44.74 -0.82 0.00	41.59 -0.98 0.00	37.52 -0.69 0.00	35.57 -0.62 0.00	33.39 -0.61 0.00	32.56 -0.56 0.00
CARTHAGE___PAPER 23857	35.05 -0.46 0.00	33.46 -0.51 0.00	33.50 -0.51 0.00	33.66 -0.51 0.00	34.20 -0.52 0.00	36.93 -0.41 0.00	44.64 -0.22 0.00	51.58 -0.10 0.00	49.70 -0.10 0.00	42.92 -0.21 0.00	40.94 -0.25 0.00	38.56 -0.35 0.00	37.13 -0.34 0.00	36.12 -0.40 0.00	36.72 -0.37 0.00	38.33 -0.43 0.00	42.62 -0.26 0.00	48.47 -0.34 0.00	45.15 -0.41 0.00	42.27 -0.30 0.00	37.75 -0.46 0.00	35.72 -0.47 0.00	33.39 -0.61 0.00	32.46 -0.66 0.00
CASSADAGA_WT_PWR 323784	36.89 1.38 0.00	35.08 1.12 0.00	35.07 1.06 0.00	35.36 1.20 0.00	36.21 1.49 0.00	39.73 2.39 0.00	47.60 2.74 0.00	53.69 2.01 0.00	51.05 1.25 0.00	44.56 1.42 0.00	42.39 1.20 0.00	39.81 0.90 0.00	37.81 0.34 0.00	36.55 0.04 0.00	36.35 -0.74 0.00	36.94 -1.82 0.00	40.78 -2.10 0.00	47.05 -1.76 0.00	43.24 -2.32 0.00	39.89 -2.68 0.00	35.88 -2.33 0.00	33.98 -2.21 0.00	31.92 -2.07 0.00	32.13 -0.99 0.00
CE_DUNWOOD___DRP 24194	36.82 1.31 0.00	35.32 1.36 0.00	35.24 1.22 0.00	35.43 1.26 0.00	35.93 1.22 0.00	38.65 1.31 0.00	47.24 2.38 0.00	54.83 3.15 0.00	52.89 3.09 0.00	45.34 2.20 0.00	42.76 1.57 0.00	40.58 1.67 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.91 1.82 0.00	40.89 2.13 0.00	45.49 2.62 0.00	52.22 3.42 0.00	48.98 3.42 0.00	45.29 2.72 0.00	40.54 2.33 0.00	38.36 2.17 0.00	36.14 2.14 0.00	35.01 1.89 0.00
CE_MILLWOOD___DRP 24193	36.79 1.28 0.00	35.29 1.32 0.00	35.20 1.19 0.00	35.40 1.23 0.00	35.90 1.18 0.00	38.57 1.23 0.00	47.15 2.29 0.00	54.73 3.05 0.00	52.79 2.99 0.00	45.25 2.11 0.00	42.67 1.48 0.00	40.51 1.60 0.00	39.08 1.61 0.00	38.12 1.61 0.00	38.83 1.74 0.00	40.77 2.02 0.00	45.41 2.53 0.00	52.13 3.32 0.00	48.89 3.33 0.00	45.16 2.60 0.00	40.46 2.25 0.00	38.29 2.10 0.00	36.07 2.07 0.00	34.94 1.82 0.00
CE_NYC2_DRP 24202	36.96 1.46 0.00	35.53 1.56 0.00	35.41 1.39 0.00	35.57 1.40 0.00	36.03 1.32 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.19 3.39 0.00	45.60 2.46 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.45 1.94 0.00	39.13 2.04 0.00	41.24 2.48 0.00	45.88 3.00 0.00	52.66 3.86 0.00	49.48 3.92 0.00	45.63 3.06 0.00	40.85 2.64 0.00	38.65 2.46 0.00	36.59 2.58 -0.01	35.38 2.25 -0.01
CE_NYC_DRP 24195	36.86 1.35 0.00	35.39 1.43 0.00	35.27 1.26 0.00	35.47 1.30 0.00	35.96 1.25 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.19 3.39 0.00	45.60 2.46 0.00	42.88 1.69 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.45 1.94 0.00	39.13 2.04 0.00	41.16 2.40 0.00	45.84 2.96 0.00	52.56 3.76 0.00	49.39 3.83 0.00	45.59 3.02 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.38 2.38 0.00	35.17 2.05 0.00
CHAFFEE___LFGE 323603	35.72 0.21 0.00	33.96 0.00 0.00	34.01 0.00 0.00	34.20 0.03 0.00	34.89 0.17 0.00	38.31 0.97 0.00	45.71 0.85 0.00	51.37 -0.31 0.00	48.91 -0.90 0.00	42.97 -0.17 0.00	41.11 -0.08 0.00	38.76 -0.16 0.00	37.13 -0.34 0.00	36.04 -0.48 0.00	36.01 -1.08 0.00	36.82 -1.94 0.00	40.82 -2.06 0.00	47.10 -1.71 0.00	43.42 -2.14 0.00	40.18 -2.38 0.00	36.26 -1.95 0.00	34.38 -1.81 0.00	32.33 -1.67 0.00	32.09 -1.03 0.00
CHATEAUG_35_KV_LOAD 355732	36.57 1.07 0.00	34.91 0.95 0.00	34.96 0.95 0.00	35.12 0.96 0.00	35.55 0.83 0.00	37.79 0.45 0.00	45.08 0.22 0.00	52.35 0.67 0.00	50.65 0.85 0.00	44.43 1.29 0.00	42.76 1.57 0.00	40.23 1.32 0.00	38.78 1.31 0.00	37.76 1.24 0.00	38.35 1.26 0.00	39.88 1.12 0.00	43.61 0.73 0.00	48.81 0.00 0.00	45.15 -0.41 0.00	42.10 -0.47 0.00	37.64 -0.57 0.00	35.50 -0.69 0.00	33.38 -0.61 0.00	32.82 -0.30 0.00
CHATEAUG_WT_PWR 323614	36.43 0.92 0.00	34.85 0.88 0.00	34.93 0.92 0.00	35.02 0.85 0.00	35.48 0.76 0.00	37.64 0.30 0.00	44.95 0.09 0.00	52.20 0.52 0.00	50.55 0.75 0.00	44.05 0.91 0.00	42.63 1.44 0.00	40.16 1.24 0.00	38.70 1.23 0.00	37.72 1.20 0.00	38.27 1.19 0.00	39.80 1.05 0.00	43.65 0.77 0.00	48.71 -0.10 0.00	45.06 -0.50 0.00	42.01 -0.55 0.00	37.52 -0.69 0.00	35.54 -0.65 0.00	33.28 -0.72 0.00	32.79 -0.33 0.00
CHAT_HIGH_FALL_HYD 323578	36.57 1.07 0.00	34.91 0.95 0.00	34.96 0.95 0.00	35.12 0.96 0.00	35.55 0.83 0.00	37.79 0.45 0.00	45.08 0.22 0.00	52.35 0.67 0.00	50.65 0.85 0.00	44.43 1.29 0.00	42.76 1.57 0.00	40.23 1.32 0.00	38.78 1.31 0.00	37.76 1.24 0.00	38.35 1.26 0.00	39.88 1.12 0.00	43.61 0.73 0.00	48.81 0.00 0.00	45.15 -0.41 0.00	42.10 -0.47 0.00	37.64 -0.57 0.00	35.50 -0.69 0.00	33.38 -0.61 0.00	32.82 -0.30 0.00
CHAUTAUQUA___LFGE 323629	36.08 0.57 0.00	34.30 0.34 0.00	34.32 0.31 0.00	34.58 0.41 0.00	35.27 0.55 0.00	38.72 1.38 0.00	46.29 1.44 0.00	52.04 0.36 0.00	49.56 -0.25 0.00	43.44 0.30 0.00	41.48 0.29 0.00	39.07 0.16 0.00	37.40 -0.07 0.00	36.26 -0.25 0.00	36.20 -0.89 0.00	36.97 -1.78 0.00	40.95 -1.93 0.00	47.29 -1.51 0.00	43.56 -2.00 0.00	40.27 -2.30 0.00	36.30 -1.91 0.00	34.42 -1.77 0.00	32.36 -1.63 0.00	32.19 -0.93 0.00
CHERRYST_13_KV_LD 356241	36.96 1.46 0.00	35.49 1.53 0.00	35.37 1.36 0.00	35.53 1.37 0.00	36.07 1.35 0.00	38.76 1.42 0.00	47.51 2.65 0.00	55.35 3.67 0.00	53.34 3.54 0.00	45.73 2.59 0.00	43.00 1.81 0.00	40.93 2.02 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.28 2.19 0.00	41.31 2.56 0.00	46.01 3.13 0.00	52.76 3.95 0.00	49.53 3.96 0.00	45.76 3.19 0.00	40.96 2.75 0.00	38.69 2.50 0.00	36.48 2.48 0.00	35.27 2.15 0.00

CHESTROR_138KV_BK263 355645	36.50 0.99 0.00	34.98 1.02 0.00	34.96 0.95 0.00	35.12 0.96 0.00	35.65 0.94 0.00	38.35 1.01 0.00	46.70 1.84 0.00	54.11 2.43 0.00	52.19 2.39 0.00	44.74 1.60 0.00	42.26 1.07 0.00	40.04 1.13 0.00	38.59 1.12 0.00	37.65 1.13 0.00	38.35 1.26 0.00	40.23 1.47 0.00	44.76 1.89 0.00	51.39 2.59 0.00	48.11 2.55 0.00	44.53 1.96 0.00	39.89 1.68 0.00	37.75 1.56 0.00	35.56 1.56 0.00	34.51 1.39 0.00
CH_MIDHUDSON___DRP 24192	37.25 1.74 0.00	35.66 1.70 0.00	35.61 1.60 0.00	35.77 1.61 0.00	36.31 1.60 0.00	39.10 1.76 0.00	47.73 2.87 0.00	55.09 3.41 0.00	53.24 3.44 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.55 1.63 0.00	39.04 1.57 0.00	38.02 1.50 0.00	38.79 1.71 0.00	40.73 1.98 0.00	45.37 2.49 0.00	52.22 3.42 0.00	48.84 3.28 0.00	45.08 2.51 0.00	40.31 2.10 0.00	38.18 1.99 0.00	36.00 2.01 0.00	34.97 1.85 0.00
CH_MISC_IPPS 23765	37.21 1.70 0.00	35.59 1.63 0.00	35.54 1.53 0.00	35.71 1.54 0.00	36.24 1.53 0.00	39.02 1.68 0.00	47.64 2.78 0.00	54.94 3.26 0.00	53.19 3.39 0.00	45.77 2.63 0.00	42.80 1.60 0.00	40.51 1.60 0.00	39.04 1.57 0.00	38.02 1.50 0.00	38.83 1.74 0.00	40.73 1.98 0.00	45.23 2.36 0.00	52.22 3.42 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.27 2.06 0.00	38.07 1.88 0.00	35.86 1.87 0.00	34.84 1.72 0.00
CH_RES_BVR_FALLS 23983	35.47 -0.04 0.00	33.96 0.00 0.00	34.01 0.00 0.00	34.17 0.00 0.00	34.71 0.00 0.00	37.23 -0.11 0.00	44.45 -0.40 0.00	51.26 -0.42 0.00	49.46 -0.35 0.00	42.88 -0.26 0.00	41.19 0.00 0.00	38.87 -0.04 0.00	37.47 0.00 0.00	36.52 0.00 0.00	37.09 0.00 0.00	38.72 -0.04 0.00	42.75 -0.13 0.00	48.32 -0.49 0.00	45.06 -0.50 0.00	42.27 -0.30 0.00	37.94 -0.27 0.00	35.97 -0.22 0.00	33.76 -0.24 0.00	32.92 -0.20 0.00
CH_RES_NIAGARA 23895	34.26 -1.24 0.00	32.60 -1.36 0.00	32.65 -1.36 0.00	32.83 -1.33 0.00	33.43 -1.28 0.00	36.74 -0.60 0.00	43.65 -1.21 0.00	48.68 -3.00 0.00	46.37 -3.44 0.00	40.81 -2.33 0.00	39.13 -2.06 0.00	36.89 -2.03 0.00	35.37 -2.10 0.00	34.36 -2.15 0.00	34.38 -2.71 0.00	35.19 -3.56 0.00	39.02 -3.86 0.00	44.86 -3.95 0.00	41.42 -4.15 0.00	38.35 -4.21 0.00	34.69 -3.51 0.00	32.93 -3.26 0.00	31.07 -2.92 0.00	30.93 -2.19 0.00
CH_RES_SYRACUSE 23985	35.26 -0.25 0.00	33.66 -0.31 0.00	33.70 -0.31 0.00	33.86 -0.31 0.00	34.44 -0.28 0.00	37.19 -0.15 0.00	44.90 0.04 0.00	51.47 -0.21 0.00	49.56 -0.25 0.00	42.97 -0.17 0.00	40.99 -0.20 0.00	38.64 -0.27 0.00	37.13 -0.34 0.00	36.15 -0.37 0.00	36.68 -0.41 0.00	38.25 -0.50 0.00	42.37 -0.51 0.00	48.52 -0.29 0.00	45.29 -0.27 0.00	42.06 -0.51 0.00	37.83 -0.38 0.00	35.79 -0.40 0.00	33.59 -0.41 0.00	32.72 -0.40 0.00
CLINTON_WT_PWR 323605	36.43 0.92 0.00	34.85 0.88 0.00	34.93 0.92 0.00	35.02 0.85 0.00	35.48 0.76 0.00	37.64 0.30 0.00	44.95 0.09 0.00	52.20 0.52 0.00	50.55 0.75 0.00	44.05 0.91 0.00	42.63 1.44 0.00	40.16 1.24 0.00	38.70 1.23 0.00	37.72 1.20 0.00	38.27 1.19 0.00	39.80 1.05 0.00	43.65 0.77 0.00	48.71 -0.10 0.00	45.06 -0.50 0.00	42.01 -0.55 0.00	37.52 -0.69 0.00	35.54 -0.65 0.00	33.28 -0.72 0.00	32.79 -0.33 0.00
CLINTON___LFGE 323618	37.07 1.56 0.00	35.46 1.49 0.00	35.54 1.53 0.00	35.64 1.47 0.00	36.10 1.39 0.00	38.28 0.93 0.00	45.71 0.85 0.00	53.08 1.40 0.00	51.40 1.59 0.00	44.82 1.68 0.00	43.41 2.22 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.31 1.79 0.00	38.87 1.78 0.00	40.42 1.67 0.00	44.29 1.41 0.00	49.49 0.68 0.00	45.84 0.28 0.00	42.61 0.04 0.00	38.02 -0.19 0.00	35.97 -0.22 0.00	33.66 -0.34 0.00	33.29 0.17 0.00
COBBLENY_34_KV_TB1 80064	35.65 0.14 0.00	33.96 0.00 0.00	33.98 -0.03 0.00	34.48 0.31 0.00	35.34 0.62 0.00	38.20 0.86 0.00	45.35 0.49 0.00	50.59 -1.09 0.00	48.56 -1.25 0.00	42.06 -1.08 0.00	40.98 -0.21 0.00	38.64 -0.27 0.00	37.10 -0.37 0.00	35.93 -0.58 0.00	36.01 -1.08 0.00	36.82 -1.94 0.00	40.86 -2.02 0.00	46.81 -2.00 0.00	43.42 -2.14 0.00	40.18 -2.38 0.00	36.26 -1.95 0.00	34.38 -1.81 0.00	31.82 -2.18 0.00	31.63 -1.49 0.00
COFFEEN___115KV_TB3 355620	35.40 -0.11 0.00	33.73 -0.24 0.00	33.74 -0.27 0.00	33.93 -0.24 0.00	34.47 -0.24 0.00	37.27 -0.07 0.00	45.17 0.31 0.00	52.09 0.41 0.00	50.20 0.40 0.00	43.23 0.09 0.00	41.27 0.08 0.00	38.79 -0.12 0.00	37.32 -0.15 0.00	36.30 -0.22 0.00	36.90 -0.19 0.00	38.56 -0.19 0.00	43.01 0.13 0.00	48.95 0.15 0.00	45.61 0.05 0.00	42.65 0.09 0.00	38.09 -0.11 0.00	35.97 -0.22 0.00	33.55 -0.44 0.00	32.62 -0.50 0.00
COLDSPRG_115KV_BK1 355956	37.36 1.85 0.00	35.59 1.63 0.00	35.54 1.53 0.00	36.12 1.95 0.00	37.11 2.40 0.00	40.11 2.76 0.00	47.91 3.05 0.00	53.95 2.27 0.00	51.65 1.84 0.00	44.52 1.38 0.00	43.13 1.94 0.00	40.66 1.75 0.00	38.86 1.39 0.00	37.54 1.02 0.00	37.46 0.37 0.00	38.14 -0.62 0.00	42.24 -0.64 0.00	48.61 -0.20 0.00	44.88 -0.68 0.00	41.46 -1.11 0.00	37.29 -0.92 0.00	35.32 -0.87 0.00	32.70 -1.29 0.00	32.59 -0.53 0.00
COLONIE_LFGE___ 323577	36.68 1.17 0.00	35.08 1.12 0.00	35.13 1.12 0.00	35.29 1.13 0.00	35.86 1.14 0.00	38.57 1.23 0.00	46.66 1.80 0.00	53.80 2.12 0.00	51.85 2.04 0.00	44.78 1.64 0.00	42.34 1.15 0.00	40.04 1.13 0.00	38.56 1.09 0.00	37.61 1.09 0.00	38.24 1.15 0.00	40.11 1.36 0.00	44.42 1.54 0.00	51.01 2.20 0.00	47.70 2.14 0.00	44.31 1.75 0.00	39.85 1.64 0.00	37.78 1.59 0.00	35.46 1.46 0.00	34.48 1.36 0.00
COOPERNY_115KV_TB1 80082	36.29 0.78 0.00	34.78 0.82 0.00	34.76 0.75 0.00	34.92 0.75 0.00	35.44 0.73 0.00	38.13 0.78 0.00	46.34 1.48 0.00	53.59 1.91 0.00	51.70 1.89 0.00	44.39 1.25 0.00	42.10 0.91 0.00	39.85 0.93 0.00	38.41 0.94 0.00	37.47 0.95 0.00	38.09 1.00 0.00	39.92 1.16 0.00	44.38 1.50 0.00	50.86 2.05 0.00	47.57 2.00 0.00	44.14 1.57 0.00	39.55 1.34 0.00	37.46 1.27 0.00	35.22 1.22 0.00	34.18 1.06 0.00
COPENHAGEN_WT_PWR 323753	35.12 -0.39 0.00	33.49 -0.48 0.00	33.53 -0.48 0.00	33.69 -0.48 0.00	34.23 -0.49 0.00	37.01 -0.34 0.00	44.77 -0.09 0.00	51.63 -0.05 0.00	49.75 -0.05 0.00	42.92 -0.21 0.00	40.94 -0.25 0.00	38.52 -0.39 0.00	37.06 -0.41 0.00	36.08 -0.44 0.00	36.68 -0.41 0.00	38.29 -0.46 0.00	42.58 -0.30 0.00	48.56 -0.24 0.00	45.25 -0.32 0.00	42.27 -0.30 0.00	37.79 -0.42 0.00	35.76 -0.43 0.00	33.39 -0.61 0.00	32.49 -0.63 0.00
CORNELL_____ 23752	36.40 0.89 0.00	34.74 0.78 0.00	34.79 0.78 0.00	35.02 0.85 0.00	35.65 0.94 0.00	38.50 1.16 0.00	46.56 1.70 0.00	53.49 1.81 0.00	51.45 1.64 0.00	44.35 1.21 0.00	42.43 1.24 0.00	39.96 1.05 0.00	38.41 0.94 0.00	37.36 0.84 0.00	37.90 0.82 0.00	39.53 0.78 0.00	43.91 1.03 0.00	50.32 1.51 0.00	46.79 1.23 0.00	43.46 0.89 0.00	39.01 0.80 0.00	36.84 0.65 0.00	34.40 0.41 0.00	33.55 0.43 0.00

CORONA V_69_KV_TB1 355595	42.87 2.13 -5.23	39.54 2.11 -3.47	35.98 1.97 0.00	36.18 2.02 0.00	40.42 2.01 -3.69	43.63 2.13 -4.16	50.94 3.36 -2.72	57.23 4.34 -1.21	54.00 4.18 -0.01	48.78 3.19 -2.45	43.62 2.43 0.00	41.40 2.49 0.00	39.87 2.40 0.00	39.00 2.48 0.00	39.76 2.67 0.00	42.98 3.02 -1.20	52.71 3.60 -6.24	61.67 4.49 -8.37	57.87 4.42 -7.89	50.02 3.70 -3.75	48.72 3.25 -7.26	44.57 3.04 -5.34	39.14 2.92 -2.22	38.28 2.65 -2.51
CORTLAND_115KV_TB3 80093	36.01 0.50 0.00	34.41 0.44 0.00	34.45 0.44 0.00	34.65 0.48 0.00	35.27 0.56 0.00	38.05 0.71 0.00	45.98 1.12 0.00	52.82 1.14 0.00	50.80 1.00 0.00	43.83 0.69 0.00	41.89 0.70 0.00	39.50 0.58 0.00	37.99 0.52 0.00	36.99 0.47 0.00	37.50 0.41 0.00	39.11 0.35 0.00	43.44 0.56 0.00	49.73 0.93 0.00	46.34 0.77 0.00	43.04 0.47 0.00	38.63 0.42 0.00	36.55 0.36 0.00	34.17 0.17 0.00	33.32 0.20 0.00
COXSACKIE__GT 23611	37.42 1.92 0.00	35.73 1.77 0.00	35.78 1.77 0.00	35.84 1.67 0.00	36.55 1.84 0.00	39.47 2.13 0.00	48.09 3.23 0.00	54.73 3.05 0.00	52.79 2.99 0.00	45.25 2.11 0.00	42.39 1.20 0.00	39.88 0.97 0.00	38.29 0.82 0.00	37.25 0.73 0.00	38.13 1.04 0.00	40.00 1.24 0.00	44.47 1.59 0.00	51.39 2.59 0.00	47.79 2.23 0.00	44.35 1.79 0.00	39.62 1.41 0.00	37.60 1.41 0.00	35.46 1.46 0.00	34.64 1.52 0.00
CPV_VALLEY__CC1 323721	36.33 0.82 0.00	34.78 0.81 0.00	34.73 0.72 0.00	34.92 0.75 0.00	35.44 0.73 0.00	38.05 0.71 0.00	46.34 1.48 0.00	53.64 1.96 0.00	51.80 1.99 0.00	44.69 1.55 0.00	42.06 0.87 0.00	39.88 0.97 0.00	38.44 0.97 0.00	37.50 0.99 0.00	38.20 1.11 0.00	40.07 1.32 0.00	44.42 1.54 0.00	51.05 2.25 0.00	47.84 2.28 0.00	44.31 1.75 0.00	39.66 1.45 0.00	37.49 1.30 0.00	35.25 1.26 0.00	34.25 1.13 0.00
CPV_VALLEY__CC2 323722	36.33 0.82 0.00	34.78 0.81 0.00	34.73 0.72 0.00	34.92 0.75 0.00	35.44 0.73 0.00	38.05 0.71 0.00	46.34 1.48 0.00	53.64 1.96 0.00	51.80 1.99 0.00	44.69 1.55 0.00	42.06 0.87 0.00	39.88 0.97 0.00	38.44 0.97 0.00	37.50 0.99 0.00	38.20 1.11 0.00	40.07 1.32 0.00	44.42 1.54 0.00	51.05 2.25 0.00	47.84 2.28 0.00	44.31 1.75 0.00	39.66 1.45 0.00	37.49 1.30 0.00	35.25 1.26 0.00	34.25 1.13 0.00
CRESCENT__HYD 24018	36.68 1.17 0.00	35.08 1.12 0.00	35.13 1.12 0.00	35.29 1.13 0.00	35.86 1.14 0.00	38.57 1.23 0.00	46.66 1.80 0.00	53.80 2.12 0.00	51.85 2.04 0.00	44.78 1.64 0.00	42.34 1.15 0.00	40.04 1.13 0.00	38.56 1.09 0.00	37.61 1.09 0.00	38.24 1.15 0.00	40.11 1.36 0.00	44.42 1.54 0.00	51.01 2.20 0.00	47.70 2.14 0.00	44.31 1.75 0.00	39.85 1.64 0.00	37.78 1.59 0.00	35.46 1.46 0.00	34.48 1.36 0.00
CRICKET__VALLEY_CC1 323756	36.64 1.14 0.00	35.12 1.16 0.00	35.10 1.09 0.00	35.23 1.06 0.00	35.79 1.08 0.00	38.39 1.04 0.00	46.70 1.84 0.00	54.11 2.43 0.00	52.19 2.39 0.00	45.08 1.94 0.00	42.39 1.20 0.00	40.19 1.28 0.00	38.78 1.31 0.00	37.83 1.31 0.00	38.50 1.41 0.00	40.42 1.67 0.00	44.81 1.93 0.00	51.49 2.68 0.00	48.25 2.69 0.00	44.69 2.13 0.00	40.08 1.87 0.00	37.96 1.77 0.00	35.70 1.70 0.00	34.68 1.56 0.00
CRICKET__VALLEY_CC2 323757	36.64 1.14 0.00	35.12 1.16 0.00	35.10 1.09 0.00	35.23 1.06 0.00	35.79 1.08 0.00	38.39 1.04 0.00	46.70 1.84 0.00	54.11 2.43 0.00	52.19 2.39 0.00	45.08 1.94 0.00	42.39 1.20 0.00	40.19 1.28 0.00	38.78 1.31 0.00	37.83 1.31 0.00	38.50 1.41 0.00	40.42 1.67 0.00	44.81 1.93 0.00	51.49 2.68 0.00	48.25 2.69 0.00	44.69 2.13 0.00	40.08 1.87 0.00	37.96 1.77 0.00	35.70 1.70 0.00	34.68 1.56 0.00
CRICKET__VALLEY_CC3 323758	36.64 1.14 0.00	35.12 1.16 0.00	35.10 1.09 0.00	35.23 1.06 0.00	35.79 1.08 0.00	38.39 1.04 0.00	46.70 1.84 0.00	54.11 2.43 0.00	52.19 2.39 0.00	45.08 1.94 0.00	42.39 1.20 0.00	40.19 1.28 0.00	38.78 1.31 0.00	37.83 1.31 0.00	38.50 1.41 0.00	40.42 1.67 0.00	44.81 1.93 0.00	51.49 2.68 0.00	48.25 2.69 0.00	44.69 2.13 0.00	40.08 1.87 0.00	37.96 1.77 0.00	35.70 1.70 0.00	34.68 1.56 0.00
CRUCIBLE_METL_DRP 24180	35.22 -0.28 0.00	33.66 -0.31 0.00	33.70 -0.31 0.00	33.89 -0.27 0.00	34.47 -0.24 0.00	37.19 -0.15 0.00	44.81 -0.04 0.00	51.37 -0.31 0.00	49.50 -0.30 0.00	42.79 -0.35 0.00	40.94 -0.25 0.00	38.60 -0.31 0.00	37.13 -0.34 0.00	36.15 -0.37 0.00	36.68 -0.41 0.00	38.25 -0.50 0.00	42.41 -0.47 0.00	48.51 -0.29 0.00	45.24 -0.32 0.00	42.06 -0.51 0.00	37.83 -0.38 0.00	35.79 -0.40 0.00	33.49 -0.51 0.00	32.69 -0.43 0.00
DAHOWA__HYDRO 323763	37.18 1.67 0.00	35.53 1.56 0.00	35.68 1.67 0.00	35.81 1.64 0.00	36.45 1.74 0.00	39.25 1.90 0.00	47.15 2.29 0.00	54.26 2.58 0.00	52.10 2.29 0.00	44.91 1.77 0.00	42.47 1.28 0.00	40.12 1.21 0.00	38.63 1.16 0.00	37.65 1.13 0.00	38.35 1.26 0.00	40.27 1.51 0.00	44.60 1.72 0.00	51.25 2.44 0.00	47.88 2.32 0.00	44.61 2.04 0.00	40.50 2.29 0.00	38.40 2.21 0.00	35.93 1.94 0.00	34.97 1.85 0.00
DANC__LFGE 323619	34.98 -0.53 0.00	33.39 -0.58 0.00	33.40 -0.61 0.00	33.59 -0.58 0.00	34.12 -0.59 0.00	36.86 -0.49 0.00	44.50 -0.36 0.00	51.26 -0.42 0.00	49.35 -0.45 0.00	42.67 -0.47 0.00	40.74 -0.45 0.00	38.37 -0.54 0.00	36.91 -0.56 0.00	35.93 -0.59 0.00	36.49 -0.59 0.00	38.06 -0.70 0.00	42.28 -0.60 0.00	48.27 -0.54 0.00	44.97 -0.59 0.00	41.93 -0.64 0.00	37.60 -0.61 0.00	35.57 -0.62 0.00	33.32 -0.68 0.00	32.42 -0.70 0.00
DANSKAMMER__1 23586	37.21 1.70 0.00	35.59 1.63 0.00	35.54 1.53 0.00	35.71 1.54 0.00	36.24 1.53 0.00	39.02 1.68 0.00	47.64 2.78 0.00	54.94 3.26 0.00	53.19 3.39 0.00	45.77 2.63 0.00	42.80 1.60 0.00	40.51 1.60 0.00	39.04 1.57 0.00	38.02 1.50 0.00	38.83 1.74 0.00	40.73 1.98 0.00	45.23 2.36 0.00	52.22 3.42 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.27 2.06 0.00	38.07 1.88 0.00	35.86 1.87 0.00	34.84 1.72 0.00
DANSKAMMER__2 23589	37.21 1.70 0.00	35.59 1.63 0.00	35.54 1.53 0.00	35.71 1.54 0.00	36.24 1.53 0.00	39.02 1.68 0.00	47.64 2.78 0.00	54.94 3.26 0.00	53.19 3.39 0.00	45.77 2.63 0.00	42.80 1.60 0.00	40.51 1.60 0.00	39.04 1.57 0.00	38.02 1.50 0.00	38.83 1.74 0.00	40.73 1.98 0.00	45.23 2.36 0.00	52.22 3.42 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.27 2.06 0.00	38.07 1.88 0.00	35.86 1.87 0.00	34.84 1.72 0.00
DANSKAMMER__3 23590	37.21 1.70 0.00	35.59 1.63 0.00	35.54 1.53 0.00	35.71 1.54 0.00	36.24 1.53 0.00	39.02 1.68 0.00	47.64 2.78 0.00	54.94 3.26 0.00	53.19 3.39 0.00	45.77 2.63 0.00	42.80 1.60 0.00	40.51 1.60 0.00	39.04 1.57 0.00	38.02 1.50 0.00	38.83 1.74 0.00	40.73 1.98 0.00	45.23 2.36 0.00	52.22 3.42 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.27 2.06 0.00	38.07 1.88 0.00	35.86 1.87 0.00	34.84 1.72 0.00

DANSKAMMER___4 23591	37.21 1.70 0.00	35.59 1.63 0.00	35.54 1.53 0.00	35.71 1.54 0.00	36.24 1.53 0.00	39.02 1.68 0.00	47.64 2.78 0.00	54.94 3.26 0.00	53.19 3.39 0.00	45.77 2.63 0.00	42.80 1.60 0.00	40.51 1.60 0.00	39.04 1.57 0.00	38.02 1.50 0.00	38.83 1.74 0.00	40.73 1.98 0.00	45.23 2.36 0.00	52.22 3.42 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.27 2.06 0.00	38.07 1.88 0.00	35.86 1.87 0.00	34.84 1.72 0.00
DANSKAMMER___DIESEL 23592	37.18 1.67 0.00	35.59 1.63 0.00	35.54 1.53 0.00	35.71 1.54 0.00	36.24 1.53 0.00	39.02 1.68 0.00	47.64 2.78 0.00	55.04 3.36 0.00	53.19 3.39 0.00	45.47 2.33 0.00	42.80 1.61 0.00	40.47 1.56 0.00	38.97 1.50 0.00	37.98 1.46 0.00	38.76 1.67 0.00	40.69 1.94 0.00	45.28 2.40 0.00	52.17 3.37 0.00	48.80 3.23 0.00	45.04 2.47 0.00	40.27 2.06 0.00	38.14 1.95 0.00	35.97 1.97 0.00	34.94 1.82 0.00
DARBY___SOLAR 323810	37.14 1.63 0.00	35.49 1.53 0.00	35.61 1.60 0.00	35.74 1.57 0.00	36.38 1.67 0.00	39.17 1.83 0.00	47.10 2.24 0.00	54.21 2.53 0.00	52.10 2.29 0.00	44.95 1.81 0.00	42.51 1.32 0.00	40.16 1.24 0.00	38.67 1.20 0.00	37.69 1.17 0.00	38.39 1.30 0.00	40.27 1.51 0.00	44.64 1.76 0.00	51.25 2.44 0.00	47.88 2.32 0.00	44.57 2.00 0.00	40.39 2.18 0.00	38.29 2.10 0.00	35.86 1.87 0.00	34.91 1.79 0.00
DASHVILLE___HYD 23610	36.79 1.28 0.00	35.29 1.32 0.00	35.20 1.19 0.00	35.36 1.20 0.00	35.90 1.18 0.00	38.61 1.27 0.00	47.10 2.24 0.00	54.37 2.69 0.00	52.49 2.69 0.00	44.95 1.81 0.00	42.26 1.07 0.00	40.00 1.09 0.00	38.56 1.09 0.00	37.58 1.06 0.00	38.31 1.22 0.00	40.23 1.47 0.00	44.81 1.93 0.00	51.59 2.78 0.00	48.25 2.69 0.00	44.57 2.00 0.00	39.85 1.64 0.00	37.75 1.56 0.00	35.66 1.67 0.00	34.64 1.52 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	44.46 3.73 -5.23	41.07 3.63 -3.47	37.48 3.47 0.00	37.72 3.55 0.00	42.01 3.61 -3.69	45.38 3.88 -4.16	53.41 5.83 -2.72	60.08 7.18 -1.21	56.64 6.82 -0.01	50.76 5.18 -2.45	45.43 4.24 0.00	43.08 4.16 0.00	41.33 3.86 0.00	40.46 3.94 0.00	41.39 4.30 0.00	44.73 4.77 -1.20	55.20 6.09 -6.24	64.85 7.66 -8.38	60.79 7.34 -7.90	52.49 6.17 -3.75	50.82 5.35 -7.26	46.34 4.81 -5.34	40.67 4.45 -2.22	39.80 4.17 -2.51
DELAWARE___LFGE 323621	36.64 1.14 0.00	35.05 1.09 0.00	35.10 1.09 0.00	35.26 1.09 0.00	35.83 1.11 0.00	38.65 1.31 0.00	46.83 1.97 0.00	54.01 2.33 0.00	52.04 2.24 0.00	44.78 1.64 0.00	42.59 1.40 0.00	40.20 1.28 0.00	38.71 1.24 0.00	37.72 1.21 0.00	38.31 1.22 0.00	40.04 1.28 0.00	44.55 1.67 0.00	51.00 2.20 0.00	47.61 2.05 0.00	44.27 1.70 0.00	39.66 1.45 0.00	37.53 1.34 0.00	35.19 1.19 0.00	34.21 1.09 0.00
DERFIELD_115KV_TB7 355931	35.69 0.18 0.00	34.13 0.17 0.00	34.18 0.17 0.00	34.34 0.17 0.00	34.89 0.17 0.00	37.57 0.22 0.00	45.26 0.40 0.00	52.30 0.62 0.00	50.40 0.60 0.00	43.53 0.39 0.00	41.44 0.25 0.00	39.14 0.23 0.00	37.73 0.26 0.00	36.77 0.26 0.00	37.35 0.26 0.00	39.03 0.27 0.00	43.26 0.39 0.00	49.34 0.54 0.00	46.06 0.50 0.00	42.99 0.43 0.00	38.55 0.34 0.00	36.55 0.36 0.00	34.30 0.31 0.00	33.38 0.26 0.00
DOGLEVILLE___HYD 23807	36.47 0.96 0.00	34.88 0.92 0.00	34.96 0.95 0.00	35.12 0.96 0.00	35.76 1.04 0.00	38.54 1.19 0.00	46.43 1.57 0.00	53.64 1.96 0.00	51.74 1.94 0.00	44.78 1.64 0.00	42.51 1.32 0.00	40.24 1.32 0.00	38.74 1.27 0.00	37.72 1.20 0.00	38.13 1.04 0.00	39.68 0.93 0.00	43.82 0.94 0.00	49.64 0.83 0.00	46.34 0.77 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.84 0.65 0.00	34.61 0.61 0.00	33.75 0.63 0.00
DUNKIRK___115KV_TB_200 55889	35.90 0.39 0.00	34.20 0.24 0.00	34.21 0.20 0.00	34.75 0.58 0.00	35.62 0.90 0.00	38.46 1.12 0.00	45.71 0.85 0.00	51.11 -0.57 0.00	49.01 -0.80 0.00	42.36 -0.78 0.00	41.23 0.04 0.00	38.87 -0.04 0.00	37.28 -0.19 0.00	36.08 -0.44 0.00	36.12 -0.96 0.00	36.90 -1.86 0.00	40.95 -1.93 0.00	46.95 -1.85 0.00	43.51 -2.05 0.00	40.23 -2.34 0.00	36.30 -1.91 0.00	34.42 -1.77 0.00	31.85 -2.14 0.00	31.70 -1.42 0.00
DUNKIRK___1 23563	35.90 0.39 0.00	34.20 0.24 0.00	34.21 0.20 0.00	34.75 0.58 0.00	35.62 0.90 0.00	38.46 1.12 0.00	45.71 0.85 0.00	51.11 -0.57 0.00	49.01 -0.80 0.00	42.36 -0.78 0.00	41.23 0.04 0.00	38.87 -0.04 0.00	37.28 -0.19 0.00	36.08 -0.44 0.00	36.12 -0.96 0.00	36.90 -1.86 0.00	40.95 -1.93 0.00	46.95 -1.85 0.00	43.51 -2.05 0.00	40.23 -2.34 0.00	36.30 -1.91 0.00	34.42 -1.77 0.00	31.85 -2.14 0.00	31.70 -1.42 0.00
DUNKIRK___2 23564	35.90 0.39 0.00	34.20 0.24 0.00	34.21 0.20 0.00	34.75 0.58 0.00	35.62 0.90 0.00	38.46 1.12 0.00	45.71 0.85 0.00	51.11 -0.57 0.00	49.01 -0.80 0.00	42.36 -0.78 0.00	41.23 0.04 0.00	38.87 -0.04 0.00	37.28 -0.19 0.00	36.08 -0.44 0.00	36.12 -0.96 0.00	36.90 -1.86 0.00	40.95 -1.93 0.00	46.95 -1.85 0.00	43.51 -2.05 0.00	40.23 -2.34 0.00	36.30 -1.91 0.00	34.42 -1.77 0.00	31.85 -2.14 0.00	31.70 -1.42 0.00
DUNKIRK___3 23565	35.72 0.21 0.00	34.07 0.10 0.00	34.08 0.07 0.00	34.58 0.41 0.00	35.44 0.73 0.00	38.28 0.93 0.00	45.49 0.63 0.00	50.90 -0.78 0.00	48.76 -1.05 0.00	42.19 -0.95 0.00	41.03 -0.16 0.00	38.72 -0.19 0.00	37.13 -0.34 0.00	35.93 -0.58 0.00	36.05 -1.04 0.00	36.86 -1.90 0.00	40.91 -1.97 0.00	46.95 -1.85 0.00	43.51 -2.05 0.00	40.23 -2.34 0.00	36.26 -1.95 0.00	34.38 -1.81 0.00	31.85 -2.14 0.00	31.66 -1.46 0.00
DUNKIRK___4 23566	35.79 0.28 0.00	34.10 0.14 0.00	34.11 0.10 0.00	34.65 0.48 0.00	35.51 0.80 0.00	38.35 1.01 0.00	45.58 0.72 0.00	50.96 -0.72 0.00	48.81 -1.00 0.00	42.23 -0.91 0.00	41.11 -0.08 0.00	38.76 -0.16 0.00	37.17 -0.30 0.00	35.97 -0.55 0.00	36.05 -1.04 0.00	36.82 -1.94 0.00	40.86 -2.02 0.00	46.85 -1.95 0.00	43.42 -2.14 0.00	40.18 -2.38 0.00	36.22 -1.99 0.00	34.38 -1.81 0.00	31.79 -2.21 0.00	31.66 -1.46 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.86 1.35 0.00	35.36 1.39 0.00	35.30 1.29 0.00	35.47 1.30 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.28 2.42 0.00	54.99 3.31 0.00	52.99 3.19 0.00	45.47 2.33 0.00	42.84 1.65 0.00	40.66 1.75 0.00	39.23 1.76 0.00	38.31 1.79 0.00	38.98 1.89 0.00	40.97 2.21 0.00	45.58 2.70 0.00	52.37 3.56 0.00	49.12 3.55 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.47 2.28 0.00	36.21 2.21 0.00	35.07 1.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.79 1.28 0.00	35.25 1.29 0.00	35.20 1.19 0.00	35.40 1.23 0.00	35.90 1.18 0.00	38.65 1.31 0.00	47.15 2.29 0.00	54.52 2.84 0.00	52.59 2.79 0.00	45.08 1.94 0.00	42.47 1.28 0.00	40.23 1.32 0.00	38.78 1.31 0.00	37.80 1.28 0.00	38.53 1.45 0.00	40.42 1.67 0.00	44.98 2.10 0.00	51.74 2.93 0.00	48.43 2.87 0.00	44.78 2.21 0.00	40.04 1.83 0.00	37.93 1.74 0.00	35.73 1.73 0.00	34.68 1.56 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.89 1.38 0.00	35.56 1.60 0.00	35.37 1.36 0.00	35.53 1.37 0.00	35.93 1.22 0.00	38.50 1.16 0.00	47.15 2.29 0.00	54.83 3.15 0.00	52.89 3.09 0.00	45.38 2.24 0.00	42.63 1.44 0.00	40.58 1.67 0.00	39.16 1.69 0.00	38.27 1.75 0.00	38.94 1.85 0.00	41.04 2.29 0.00	45.67 2.79 0.00	52.42 3.61 0.00	49.25 3.69 0.00	45.42 2.85 0.00	40.65 2.45 0.00	38.47 2.28 0.00	36.66 2.65 -0.01	35.45 2.32 -0.01
E179THST_13_KV_LOAD 356214	37.04 1.53 0.00	35.66 1.70 0.00	35.51 1.50 0.00	35.64 1.47 0.00	36.03 1.32 0.00	38.65 1.31 0.00	47.33 2.47 0.00	55.09 3.41 0.00	53.14 3.34 0.00	45.60 2.46 0.00	42.80 1.61 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.13 2.04 0.00	41.24 2.48 0.00	45.88 3.00 0.00	52.66 3.86 0.00	49.48 3.92 0.00	45.67 3.11 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.79 2.79 -0.01	35.58 2.45 -0.01
EAST HAMPTON___GT 23717	44.92 4.19 -5.23	41.44 4.01 -3.47	37.79 3.77 0.00	37.99 3.83 0.00	42.39 3.99 -3.69	45.79 4.29 -4.16	53.99 6.41 -2.72	60.75 7.85 -1.21	57.29 7.47 -0.01	51.67 6.08 -2.45	46.13 4.94 0.00	43.66 4.75 0.00	41.93 4.46 0.00	40.90 4.38 0.00	41.98 4.90 0.00	45.31 5.35 -1.20	55.76 6.65 -6.24	65.63 8.44 -8.38	61.57 8.11 -7.90	53.26 6.94 -3.75	51.36 5.88 -7.26	46.74 5.21 -5.34	40.98 4.76 -2.22	40.13 4.50 -2.51
EAST RIVER___6 23660	36.93 1.42 0.00	35.39 1.43 0.00	35.27 1.26 0.00	35.43 1.26 0.00	35.96 1.25 0.00	38.65 1.31 0.00	47.41 2.56 0.00	55.14 3.46 0.00	53.29 3.49 0.00	46.07 2.93 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.56 2.04 0.00	39.31 2.23 0.00	41.39 2.64 0.00	45.88 3.00 0.00	52.76 3.95 0.00	49.66 4.10 0.00	45.85 3.28 0.00	40.92 2.71 0.00	38.58 2.39 0.00	36.31 2.31 0.00	35.14 2.02 0.00
EAST RIVER___7 23524	36.93 1.42 0.00	35.39 1.43 0.00	35.27 1.26 0.00	35.43 1.26 0.00	35.96 1.25 0.00	38.65 1.31 0.00	47.41 2.56 0.00	55.14 3.46 0.00	53.29 3.49 0.00	46.07 2.93 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.56 2.04 0.00	39.31 2.23 0.00	41.39 2.64 0.00	45.88 3.00 0.00	52.76 3.95 0.00	49.66 4.10 0.00	45.85 3.28 0.00	40.92 2.71 0.00	38.58 2.39 0.00	36.31 2.31 0.00	35.14 2.02 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.82 1.31 0.00	35.32 1.36 0.00	35.24 1.22 0.00	35.43 1.26 0.00	35.93 1.22 0.00	38.65 1.31 0.00	47.24 2.38 0.00	54.83 3.15 0.00	52.89 3.09 0.00	45.34 2.20 0.00	42.76 1.57 0.00	40.58 1.67 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.91 1.82 0.00	40.89 2.13 0.00	45.49 2.62 0.00	52.22 3.42 0.00	48.98 3.42 0.00	45.29 2.72 0.00	40.54 2.33 0.00	38.36 2.17 0.00	36.14 2.14 0.00	35.01 1.89 0.00
EAST_HAMPTON___DIESEL 23722	44.92 4.19 -5.23	41.44 4.01 -3.47	37.82 3.81 0.00	38.03 3.86 0.00	42.39 3.99 -3.69	45.83 4.33 -4.16	54.04 6.46 -2.72	60.75 7.85 -1.21	57.29 7.47 -0.01	51.67 6.08 -2.45	46.13 4.94 0.00	43.66 4.75 0.00	41.93 4.46 0.00	40.93 4.42 0.00	41.98 4.90 0.00	45.31 5.35 -1.20	55.76 6.65 -6.24	65.63 8.44 -8.38	61.61 8.15 -7.90	53.26 6.94 -3.75	51.40 5.92 -7.26	46.78 5.25 -5.34	41.01 4.79 -2.22	40.17 4.54 -2.51
EAST_PULASKI___ESR 323781	34.87 -0.64 0.00	33.28 -0.68 0.00	33.33 -0.68 0.00	33.52 -0.65 0.00	34.09 -0.62 0.00	36.74 -0.60 0.00	44.28 -0.58 0.00	50.90 -0.78 0.00	49.06 -0.75 0.00	42.36 -0.78 0.00	40.57 -0.62 0.00	38.29 -0.62 0.00	36.80 -0.67 0.00	35.82 -0.69 0.00	36.38 -0.70 0.00	37.94 -0.81 0.00	42.06 -0.81 0.00	48.07 -0.73 0.00	44.79 -0.77 0.00	41.72 -0.85 0.00	37.48 -0.73 0.00	35.50 -0.69 0.00	33.21 -0.78 0.00	32.36 -0.76 0.00
EAST_RIVER___1 323558	36.93 1.42 0.00	35.39 1.43 0.00	35.27 1.26 0.00	35.43 1.26 0.00	35.96 1.25 0.00	38.68 1.34 0.00	47.37 2.51 0.00	55.09 3.41 0.00	53.19 3.39 0.00	45.94 2.80 0.00	42.92 1.73 0.00	40.86 1.94 0.00	39.42 1.95 0.00	38.49 1.97 0.00	39.24 2.15 0.00	41.27 2.52 0.00	45.75 2.87 0.00	52.62 3.81 0.00	49.48 3.92 0.00	45.72 3.15 0.00	40.84 2.63 0.00	38.54 2.35 0.00	36.27 2.28 0.00	35.11 1.99 0.00
EAST_RIVER___2 323559	36.93 1.42 0.00	35.39 1.43 0.00	35.27 1.26 0.00	35.43 1.26 0.00	35.96 1.25 0.00	38.65 1.31 0.00	47.41 2.56 0.00	55.14 3.46 0.00	53.29 3.49 0.00	46.07 2.93 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.56 2.04 0.00	39.31 2.23 0.00	41.39 2.64 0.00	45.88 3.00 0.00	52.76 3.95 0.00	49.66 4.10 0.00	45.85 3.28 0.00	40.92 2.71 0.00	38.58 2.39 0.00	36.31 2.31 0.00	35.14 2.02 0.00
EAST___DELAWARE_HYD 23607	37.35 1.85 0.00	35.70 1.73 0.00	35.64 1.63 0.00	35.77 1.61 0.00	36.35 1.63 0.00	39.21 1.87 0.00	47.91 3.05 0.00	55.14 3.46 0.00	53.39 3.59 0.00	45.90 2.76 0.00	42.92 1.73 0.00	40.58 1.67 0.00	39.08 1.61 0.00	38.05 1.53 0.00	38.83 1.74 0.00	40.73 1.98 0.00	45.28 2.40 0.00	52.27 3.47 0.00	48.89 3.32 0.00	45.16 2.60 0.00	40.27 2.06 0.00	38.03 1.84 0.00	35.83 1.83 0.00	34.87 1.75 0.00
EIGHT_POINT___WT_PWR 323820	36.54 1.03 0.00	34.81 0.85 0.00	34.93 0.92 0.00	35.23 1.06 0.00	35.96 1.25 0.00	39.36 2.02 0.00	47.37 2.51 0.00	53.75 2.07 0.00	51.30 1.49 0.00	44.74 1.60 0.00	42.67 1.48 0.00	40.00 1.09 0.00	38.26 0.79 0.00	37.03 0.51 0.00	37.09 0.00 0.00	38.13 -0.62 0.00	42.11 -0.77 0.00	48.52 -0.29 0.00	44.74 -0.82 0.00	41.33 -1.24 0.00	37.26 -0.95 0.00	35.25 -0.94 0.00	33.08 -0.92 0.00	32.62 -0.50 0.00
ELBRIDGE_115KV_TB2 80188	35.08 -0.43 0.00	33.49 -0.48 0.00	33.57 -0.44 0.00	33.76 -0.41 0.00	34.33 -0.38 0.00	37.04 -0.30 0.00	44.63 -0.22 0.00	51.21 -0.47 0.00	49.31 -0.50 0.00	42.62 -0.52 0.00	40.82 -0.37 0.00	38.48 -0.43 0.00	37.02 -0.45 0.00	36.04 -0.47 0.00	36.57 -0.52 0.00	38.10 -0.66 0.00	42.28 -0.60 0.00	48.32 -0.49 0.00	45.06 -0.50 0.00	41.84 -0.72 0.00	37.64 -0.57 0.00	35.61 -0.58 0.00	33.32 -0.68 0.00	32.52 -0.60 0.00
ELEC_TRO_TEK 24086	42.65 1.92 -5.23	39.37 1.94 -3.47	35.78 1.77 0.00	35.98 1.81 0.00	40.21 1.81 -3.69	43.44 1.94 -4.16	50.72 3.14 -2.72	56.92 4.03 -1.21	53.75 3.93 -0.01	48.52 2.93 -2.45	43.41 2.22 0.00	41.21 2.30 0.00	39.64 2.17 0.00	38.75 2.23 0.00	39.50 2.41 0.00	42.75 2.79 -1.20	52.46 3.34 -6.24	61.48 4.29 -8.37	57.69 4.24 -7.89	49.77 3.45 -3.75	48.49 3.02 -7.26	44.35 2.82 -5.34	38.94 2.72 -2.22	38.08 2.45 -2.51
ELLENBURG_WT_PWR 323604	36.43 0.92 0.00	34.85 0.88 0.00	34.93 0.92 0.00	35.02 0.85 0.00	35.48 0.76 0.00	37.64 0.30 0.00	44.95 0.09 0.00	52.20 0.52 0.00	50.55 0.75 0.00	44.05 0.91 0.00	42.63 1.44 0.00	40.16 1.24 0.00	38.70 1.23 0.00	37.72 1.20 0.00	38.27 1.19 0.00	39.80 1.05 0.00	43.65 0.77 0.00	48.71 -0.10 0.00	45.06 -0.50 0.00	42.01 -0.55 0.00	37.52 -0.69 0.00	35.54 -0.65 0.00	33.28 -0.72 0.00	32.79 -0.33 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.22 -0.28 0.00	33.59 -0.37 0.00	33.60 -0.41 0.00	34.10 -0.07 0.00	34.92 0.21 0.00	37.75 0.41 0.00	44.72 -0.13 0.00	49.82 -1.86 0.00	47.81 -1.99 0.00	41.46 -1.68 0.00	40.41 -0.78 0.00	38.09 -0.82 0.00	36.61 -0.86 0.00	35.42 -1.10 0.00	35.57 -1.52 0.00	36.35 -2.40 0.00	40.35 -2.53 0.00	46.17 -2.64 0.00	42.83 -2.73 0.00	39.63 -2.94 0.00	35.76 -2.45 0.00	33.95 -2.24 0.00	31.41 -2.58 0.00	31.27 -1.85 0.00
EMPIRE_CC_1 323656	36.29 0.78 0.00	34.71 0.75 0.00	34.73 0.72 0.00	34.89 0.72 0.00	35.44 0.73 0.00	38.09 0.75 0.00	45.98 1.12 0.00	53.12 1.44 0.00	51.20 1.39 0.00	44.22 1.08 0.00	41.77 0.58 0.00	39.53 0.62 0.00	38.11 0.64 0.00	37.21 0.69 0.00	37.83 0.74 0.00	39.65 0.89 0.00	43.91 1.03 0.00	50.42 1.61 0.00	47.16 1.59 0.00	43.80 1.24 0.00	39.28 1.07 0.00	37.27 1.08 0.00	35.12 1.12 0.00	34.15 1.03 0.00
EMPIRE_CC_2 323658	36.29 0.78 0.00	34.71 0.75 0.00	34.73 0.72 0.00	34.89 0.72 0.00	35.44 0.73 0.00	38.09 0.75 0.00	45.98 1.12 0.00	53.12 1.44 0.00	51.20 1.39 0.00	44.22 1.08 0.00	41.77 0.58 0.00	39.53 0.62 0.00	38.11 0.64 0.00	37.21 0.69 0.00	37.83 0.74 0.00	39.65 0.89 0.00	43.91 1.03 0.00	50.42 1.61 0.00	47.16 1.59 0.00	43.80 1.24 0.00	39.28 1.07 0.00	37.27 1.08 0.00	35.12 1.12 0.00	34.15 1.03 0.00
ENORWICH_115KV_TB1 80156	38.95 3.44 0.00	37.12 3.16 0.00	37.11 3.09 0.00	37.41 3.25 0.00	38.08 3.37 0.00	41.41 4.07 0.00	50.38 5.52 0.00	57.93 6.25 0.00	55.68 5.88 0.00	47.93 4.79 0.00	45.76 4.57 0.00	42.80 3.89 0.00	41.03 3.56 0.00	39.84 3.32 0.00	40.39 3.30 0.00	42.01 3.26 0.00	46.95 4.07 0.00	53.69 4.88 0.00	49.94 4.37 0.00	46.40 3.83 0.00	41.34 3.13 0.00	38.94 2.75 0.00	36.07 2.07 0.00	35.11 1.99 0.00
ERIE_ST__34_KV_TB1-2 80199	36.01 0.50 0.00	34.30 0.34 0.00	34.32 0.31 0.00	34.85 0.68 0.00	35.69 0.97 0.00	38.57 1.23 0.00	45.85 0.99 0.00	51.27 -0.41 0.00	49.16 -0.65 0.00	42.54 -0.60 0.00	41.40 0.21 0.00	39.07 0.16 0.00	37.51 0.04 0.00	36.34 -0.18 0.00	36.42 -0.67 0.00	37.21 -1.55 0.00	41.29 -1.59 0.00	47.39 -1.42 0.00	43.92 -1.64 0.00	40.61 -1.96 0.00	36.60 -1.60 0.00	34.74 -1.45 0.00	32.13 -1.87 0.00	31.93 -1.19 0.00
ERIE_WT_PWR 323693	35.65 0.14 0.00	33.90 -0.07 0.00	33.94 -0.07 0.00	34.17 0.00 0.00	34.82 0.10 0.00	38.24 0.89 0.00	45.62 0.76 0.00	51.21 -0.47 0.00	48.76 -1.05 0.00	42.79 -0.35 0.00	40.99 -0.20 0.00	38.60 -0.31 0.00	36.98 -0.49 0.00	35.90 -0.62 0.00	35.90 -1.19 0.00	36.70 -2.06 0.00	40.69 -2.19 0.00	46.90 -1.90 0.00	43.24 -2.32 0.00	40.01 -2.55 0.00	36.11 -2.10 0.00	34.27 -1.92 0.00	32.23 -1.77 0.00	32.03 -1.09 0.00
ESPRGFLD_115KV_TB1 80157	37.11 1.60 0.00	35.49 1.53 0.00	35.54 1.53 0.00	35.71 1.54 0.00	36.31 1.60 0.00	39.28 1.94 0.00	47.86 3.01 0.00	54.99 3.31 0.00	52.89 3.09 0.00	45.47 2.33 0.00	43.25 2.06 0.00	40.74 1.83 0.00	39.16 1.69 0.00	38.16 1.64 0.00	38.79 1.71 0.00	40.62 1.86 0.00	45.24 2.36 0.00	51.88 3.07 0.00	48.39 2.82 0.00	45.04 2.47 0.00	40.27 2.06 0.00	38.22 2.03 0.00	35.66 1.67 0.00	34.64 1.52 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.33 0.82 0.00	34.68 0.71 0.00	34.73 0.71 0.00	34.95 0.79 0.00	35.58 0.87 0.00	38.46 1.12 0.00	46.47 1.61 0.00	53.39 1.71 0.00	51.35 1.54 0.00	44.30 1.16 0.00	42.34 1.15 0.00	39.88 0.97 0.00	38.33 0.86 0.00	37.28 0.77 0.00	37.83 0.74 0.00	39.45 0.70 0.00	43.86 0.99 0.00	50.22 1.42 0.00	46.75 1.18 0.00	43.38 0.81 0.00	38.94 0.73 0.00	36.80 0.62 0.00	34.34 0.34 0.00	33.52 0.40 0.00
ETNA____115KV_TB2 80207	36.33 0.82 0.00	34.68 0.71 0.00	34.73 0.71 0.00	34.95 0.79 0.00	35.58 0.87 0.00	38.46 1.12 0.00	46.47 1.61 0.00	53.39 1.71 0.00	51.35 1.54 0.00	44.30 1.16 0.00	42.34 1.15 0.00	39.88 0.97 0.00	38.33 0.86 0.00	37.28 0.77 0.00	37.83 0.74 0.00	39.45 0.70 0.00	43.86 0.99 0.00	50.22 1.42 0.00	46.75 1.18 0.00	43.38 0.81 0.00	38.94 0.73 0.00	36.80 0.62 0.00	34.34 0.34 0.00	33.52 0.40 0.00
EUCLID__115KV_TB2 356179	34.83 -0.67 0.00	33.28 -0.68 0.00	33.33 -0.68 0.00	33.52 -0.65 0.00	34.09 -0.62 0.00	36.74 -0.60 0.00	44.23 -0.63 0.00	50.75 -0.93 0.00	48.86 -0.95 0.00	42.23 -0.91 0.00	40.45 -0.74 0.00	38.13 -0.78 0.00	36.68 -0.79 0.00	35.75 -0.77 0.00	36.27 -0.82 0.00	37.83 -0.93 0.00	41.93 -0.94 0.00	47.93 -0.88 0.00	44.70 -0.87 0.00	41.55 -1.02 0.00	37.37 -0.84 0.00	35.39 -0.80 0.00	33.15 -0.85 0.00	32.32 -0.79 0.00
E_CANADA_CAP_HY 24051	37.21 1.70 0.00	35.59 1.63 0.00	35.61 1.60 0.00	35.81 1.64 0.00	36.45 1.74 0.00	39.39 2.05 0.00	48.09 3.23 0.00	55.14 3.46 0.00	52.94 3.14 0.00	45.64 2.50 0.00	43.17 1.98 0.00	40.66 1.75 0.00	39.08 1.61 0.00	38.09 1.57 0.00	38.83 1.74 0.00	40.73 1.98 0.00	45.28 2.40 0.00	52.08 3.27 0.00	48.52 2.96 0.00	45.25 2.68 0.00	40.54 2.33 0.00	38.54 2.35 0.00	35.93 1.94 0.00	34.94 1.82 0.00
E_CANADA_MHWK_HY 24050	36.47 0.96 0.00	34.88 0.92 0.00	34.96 0.95 0.00	35.12 0.96 0.00	35.76 1.04 0.00	38.54 1.19 0.00	46.43 1.57 0.00	53.64 1.96 0.00	51.74 1.94 0.00	44.78 1.64 0.00	42.51 1.32 0.00	40.24 1.32 0.00	38.74 1.27 0.00	37.72 1.20 0.00	38.13 1.04 0.00	39.68 0.93 0.00	43.82 0.94 0.00	49.64 0.83 0.00	46.34 0.77 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.84 0.65 0.00	34.61 0.61 0.00	33.75 0.63 0.00
E_FISHKILL__LBMP 23776	36.64 1.14 0.00	35.15 1.19 0.00	35.10 1.09 0.00	35.30 1.13 0.00	35.79 1.08 0.00	38.50 1.16 0.00	46.92 2.06 0.00	54.42 2.74 0.00	52.44 2.64 0.00	44.99 1.85 0.00	42.51 1.32 0.00	40.31 1.40 0.00	38.86 1.39 0.00	37.94 1.42 0.00	38.61 1.52 0.00	40.54 1.78 0.00	45.06 2.19 0.00	51.74 2.93 0.00	48.48 2.92 0.00	44.87 2.30 0.00	40.20 1.99 0.00	38.07 1.88 0.00	35.87 1.87 0.00	34.78 1.66 0.00
FALCON__SEABRD_CC1 323796	37.00 1.49 0.00	35.39 1.43 0.00	35.47 1.46 0.00	35.57 1.40 0.00	36.03 1.32 0.00	38.05 0.71 0.00	45.40 0.54 0.00	52.77 1.09 0.00	51.10 1.29 0.00	44.52 1.38 0.00	43.13 1.94 0.00	40.55 1.63 0.00	39.08 1.61 0.00	38.09 1.57 0.00	38.65 1.56 0.00	40.19 1.43 0.00	44.08 1.20 0.00	49.20 0.39 0.00	45.52 -0.05 0.00	42.36 -0.21 0.00	37.83 -0.38 0.00	35.79 -0.40 0.00	33.52 -0.48 0.00	33.22 0.10 0.00
FALCON__SEABRD_CC2 323797	37.00 1.49 0.00	35.39 1.43 0.00	35.47 1.46 0.00	35.57 1.40 0.00	36.03 1.32 0.00	38.05 0.71 0.00	45.40 0.54 0.00	52.77 1.09 0.00	51.10 1.29 0.00	44.52 1.38 0.00	43.13 1.94 0.00	40.55 1.63 0.00	39.08 1.61 0.00	38.09 1.57 0.00	38.65 1.56 0.00	40.19 1.43 0.00	44.08 1.20 0.00	49.20 0.39 0.00	45.52 -0.05 0.00	42.36 -0.21 0.00	37.83 -0.38 0.00	35.79 -0.40 0.00	33.52 -0.48 0.00	33.22 0.10 0.00

FAR ROCKAWAY___4 23548	43.11 2.38 -5.23	39.78 2.34 -3.47	36.22 2.21 0.00	36.42 2.26 0.00	40.66 2.26 -3.69	43.93 2.43 -4.16	51.35 3.77 -2.72	57.70 4.81 -1.21	54.45 4.63 -0.01	49.12 3.54 -2.45	43.99 2.80 0.00	41.79 2.88 0.00	40.21 2.74 0.00	39.29 2.78 0.00	40.09 3.00 0.00	43.33 3.37 -1.20	53.14 4.03 -6.24	61.77 4.59 -8.37	57.96 4.51 -7.89	50.45 4.13 -3.75	49.06 3.59 -7.26	44.86 3.33 -5.34	39.41 3.20 -2.22	38.54 2.91 -2.51
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.72 1.38 0.00	47.42 2.56 0.00	55.19 3.51 0.00	53.19 3.39 0.00	45.64 2.50 0.00	42.92 1.73 0.00	40.82 1.91 0.00	39.38 1.91 0.00	38.49 1.97 0.00	39.17 2.08 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.88 2.67 0.00	38.61 2.42 0.00	36.41 2.41 0.00	35.21 2.09 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.72 1.38 0.00	47.42 2.56 0.00	55.19 3.51 0.00	53.19 3.39 0.00	45.64 2.50 0.00	42.92 1.73 0.00	40.82 1.91 0.00	39.38 1.91 0.00	38.49 1.97 0.00	39.17 2.08 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.88 2.67 0.00	38.65 2.46 0.00	36.41 2.41 0.00	35.21 2.09 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.47 1.30 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.42 2.56 0.00	55.14 3.46 0.00	53.19 3.39 0.00	45.60 2.46 0.00	42.88 1.69 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.45 1.94 0.00	39.13 2.04 0.00	41.16 2.40 0.00	45.84 2.96 0.00	52.56 3.76 0.00	49.39 3.83 0.00	45.59 3.02 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.38 2.38 0.00	35.21 2.09 0.00
FARRAGUT___LBMP 323566	36.86 1.35 0.00	35.39 1.43 0.00	35.27 1.26 0.00	35.47 1.30 0.00	35.96 1.25 0.00	38.65 1.31 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.12 2.36 0.00	45.79 2.92 0.00	52.52 3.71 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.38 2.38 0.00	35.17 2.05 0.00
FENNER___WINDPWR 24204	36.33 0.82 0.00	34.68 0.71 0.00	34.73 0.72 0.00	34.89 0.72 0.00	35.48 0.76 0.00	38.39 1.04 0.00	46.38 1.53 0.00	53.44 1.76 0.00	51.40 1.59 0.00	44.48 1.34 0.00	42.30 1.11 0.00	39.92 1.01 0.00	38.41 0.94 0.00	37.39 0.87 0.00	37.94 0.85 0.00	39.61 0.85 0.00	43.91 1.03 0.00	50.17 1.36 0.00	46.74 1.18 0.00	43.50 0.94 0.00	39.01 0.80 0.00	36.87 0.69 0.00	34.54 0.54 0.00	33.68 0.56 0.00
FIBERTEK___ENERGY 23856	35.22 -0.28 0.00	33.66 -0.31 0.00	33.70 -0.31 0.00	33.89 -0.27 0.00	34.47 -0.24 0.00	37.19 -0.15 0.00	44.81 -0.04 0.00	51.37 -0.31 0.00	49.50 -0.30 0.00	42.79 -0.35 0.00	40.94 -0.25 0.00	38.60 -0.31 0.00	37.13 -0.34 0.00	36.15 -0.37 0.00	36.68 -0.41 0.00	38.25 -0.50 0.00	42.41 -0.47 0.00	48.51 -0.29 0.00	45.24 -0.32 0.00	42.06 -0.51 0.00	37.83 -0.38 0.00	35.79 -0.40 0.00	33.49 -0.51 0.00	32.69 -0.43 0.00
FITZPATRICK___ 23598	34.30 -1.21 0.00	32.77 -1.19 0.00	32.82 -1.19 0.00	32.97 -1.20 0.00	33.50 -1.22 0.00	36.15 -1.20 0.00	43.56 -1.30 0.00	50.02 -1.66 0.00	48.16 -1.64 0.00	41.76 -1.38 0.00	39.83 -1.36 0.00	37.59 -1.32 0.00	36.16 -1.31 0.00	35.24 -1.28 0.00	35.72 -1.37 0.00	37.28 -1.47 0.00	41.29 -1.59 0.00	47.20 -1.61 0.00	43.97 -1.60 0.00	40.95 -1.62 0.00	36.80 -1.41 0.00	34.81 -1.38 0.00	32.74 -1.26 0.00	31.93 -1.19 0.00
FLOWRFLD_69_KV_BK1 356044	43.43 2.70 -5.23	40.12 2.68 -3.47	36.53 2.52 0.00	36.73 2.56 0.00	41.01 2.60 -3.69	44.30 2.80 -4.16	51.84 4.26 -2.72	58.27 5.37 -1.21	55.00 5.18 -0.01	49.51 3.93 -2.45	44.28 3.09 0.00	41.99 3.07 0.00	40.28 2.81 0.00	39.40 2.88 0.00	40.28 3.19 0.00	43.56 3.60 -1.20	53.66 4.55 -6.24	62.96 5.76 -8.39	59.07 5.60 -7.90	50.92 4.60 -3.75	49.45 3.97 -7.26	45.15 3.62 -5.34	39.65 3.43 -2.22	38.77 3.15 -2.51
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	37.21 1.70 0.00	35.66 1.70 0.00	35.61 1.60 0.00	35.77 1.61 0.00	36.28 1.56 0.00	39.06 1.72 0.00	47.73 2.87 0.00	55.09 3.41 0.00	53.24 3.44 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.51 1.60 0.00	39.01 1.54 0.00	38.02 1.50 0.00	38.79 1.71 0.00	40.73 1.98 0.00	45.37 2.49 0.00	52.22 3.42 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.31 2.10 0.00	38.18 1.99 0.00	36.00 2.01 0.00	34.97 1.85 0.00
FORT ORANGE___ 23900	36.15 0.64 0.00	34.58 0.61 0.00	34.59 0.58 0.00	34.75 0.58 0.00	35.30 0.59 0.00	37.98 0.63 0.00	46.02 1.16 0.00	53.08 1.40 0.00	51.20 1.39 0.00	44.17 1.03 0.00	41.69 0.50 0.00	39.42 0.50 0.00	37.96 0.49 0.00	37.03 0.51 0.00	37.72 0.63 0.00	39.53 0.77 0.00	43.82 0.94 0.00	50.32 1.51 0.00	47.02 1.46 0.00	43.72 1.15 0.00	39.17 0.96 0.00	37.13 0.94 0.00	34.95 0.95 0.00	33.98 0.86 0.00
FORT_DRUM_COGEN 23780	35.19 -0.32 0.00	33.52 -0.44 0.00	33.57 -0.44 0.00	33.76 -0.41 0.00	34.30 -0.42 0.00	37.04 -0.30 0.00	44.81 -0.04 0.00	51.68 0.00 0.00	49.80 0.00 0.00	42.97 -0.17 0.00	40.98 -0.21 0.00	38.60 -0.31 0.00	37.13 -0.34 0.00	36.12 -0.40 0.00	36.72 -0.37 0.00	38.33 -0.43 0.00	42.71 -0.17 0.00	48.61 -0.20 0.00	45.29 -0.27 0.00	42.35 -0.21 0.00	37.83 -0.38 0.00	35.75 -0.43 0.00	33.38 -0.61 0.00	32.49 -0.63 0.00
FOX_HILLS___ESR 323835	37.26 1.74 -0.01	35.81 1.83 -0.01	35.69 1.67 -0.01	35.85 1.67 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.64 2.78 0.00	55.25 3.57 0.00	53.14 3.34 0.00	45.60 2.46 0.00	42.76 1.57 0.00	40.70 1.79 0.00	39.31 1.84 0.00	38.38 1.86 0.00	39.05 1.97 0.00	41.28 2.52 0.00	45.97 3.09 0.00	52.99 3.95 -0.23	49.67 4.10 -0.01	45.76 3.19 0.00	40.92 2.71 0.00	38.79 2.61 0.00	36.79 2.79 -0.01	35.51 2.38 -0.01
FPL_FAR_ROCK_GT1 24212	43.18 2.45 -5.23	39.78 2.34 -3.47	36.19 2.18 0.00	36.36 2.19 0.00	40.66 2.26 -3.69	43.93 2.43 -4.16	51.35 3.77 -2.72	57.60 4.70 -1.21	54.45 4.63 -0.01	49.47 3.88 -2.45	44.07 2.88 0.00	41.87 2.96 0.00	40.32 2.85 0.00	39.33 2.81 0.00	40.17 3.08 0.00	43.41 3.45 -1.20	52.63 3.52 -6.24	61.82 4.64 -8.37	58.05 4.60 -7.89	50.07 3.75 -3.75	49.06 3.59 -7.26	44.82 3.29 -5.34	39.31 3.09 -2.22	38.48 2.85 -2.51
FPL_FAR_ROCK_GT2 23815	43.18 2.45 -5.23	39.78 2.34 -3.47	36.19 2.18 0.00	36.36 2.19 0.00	40.66 2.26 -3.69	43.93 2.43 -4.16	51.35 3.77 -2.72	57.60 4.70 -1.21	54.45 4.63 -0.01	49.47 3.88 -2.45	44.07 2.88 0.00	41.87 2.96 0.00	40.32 2.85 0.00	39.33 2.81 0.00	40.17 3.08 0.00	43.41 3.45 -1.20	52.63 3.52 -6.24	61.82 4.64 -8.37	58.05 4.60 -7.89	50.07 3.75 -3.75	49.06 3.59 -7.26	44.82 3.29 -5.34	39.31 3.09 -2.22	38.48 2.85 -2.51

FRANKLIN_FALL_HYD 24054	36.57 1.07 0.00	34.91 0.95 0.00	34.96 0.95 0.00	35.09 0.92 0.00	35.55 0.83 0.00	37.87 0.52 0.00	45.17 0.31 0.00	52.45 0.78 0.00	50.75 0.95 0.00	44.52 1.38 0.00	42.80 1.61 0.00	40.23 1.32 0.00	38.78 1.31 0.00	37.80 1.28 0.00	38.35 1.26 0.00	39.88 1.12 0.00	43.65 0.77 0.00	48.95 0.15 0.00	45.38 -0.18 0.00	42.31 -0.26 0.00	37.79 -0.42 0.00	35.65 -0.54 0.00	33.55 -0.44 0.00	32.92 -0.20 0.00
FREEPORT_EQUS_GT1 23764	42.94 2.20 -5.23	39.58 2.14 -3.47	35.98 1.97 0.00	36.15 1.98 0.00	40.45 2.05 -3.69	43.67 2.17 -4.16	51.03 3.45 -2.72	57.23 4.34 -1.21	54.15 4.33 -0.01	49.16 3.58 -2.45	43.79 2.60 0.00	41.52 2.61 0.00	39.98 2.51 0.00	39.00 2.48 0.00	39.87 2.78 0.00	43.10 3.14 -1.20	52.80 3.69 -6.24	62.01 4.83 -8.37	58.23 4.78 -7.89	50.23 3.91 -3.75	48.84 3.36 -7.26	44.57 3.04 -5.34	39.10 2.89 -2.22	38.28 2.65 -2.51
FREEPORT___CT2 23818	42.94 2.20 -5.23	39.58 2.14 -3.47	35.98 1.97 0.00	36.15 1.98 0.00	40.45 2.05 -3.69	43.67 2.17 -4.16	51.03 3.45 -2.72	57.23 4.34 -1.21	54.15 4.33 -0.01	49.16 3.58 -2.45	43.79 2.60 0.00	41.52 2.61 0.00	39.98 2.51 0.00	39.00 2.48 0.00	39.87 2.78 0.00	43.10 3.14 -1.20	52.80 3.69 -6.24	62.01 4.83 -8.37	58.23 4.78 -7.89	50.23 3.91 -3.75	48.84 3.36 -7.26	44.57 3.04 -5.34	39.10 2.89 -2.22	38.28 2.65 -2.51
FRESHKLS_33_KV_LOAD 356253	37.29 1.78 -0.01	35.87 1.90 -0.01	35.75 1.73 -0.01	35.92 1.74 -0.01	36.39 1.67 -0.01	39.11 1.76 -0.01	47.69 2.83 0.00	55.19 3.51 0.00	52.99 3.19 0.00	45.47 2.33 0.00	42.59 1.40 0.00	40.58 1.67 0.00	39.16 1.69 0.00	38.27 1.75 0.00	38.94 1.85 0.00	41.16 2.40 0.00	45.88 3.00 0.00	52.89 3.86 -0.23	49.58 4.01 -0.01	45.67 3.11 0.00	40.81 2.60 0.00	38.76 2.57 0.00	36.79 2.79 -0.01	35.51 2.38 -0.01
FULTON COGEN____ 23766	34.62 -0.89 0.00	33.08 -0.88 0.00	33.13 -0.88 0.00	33.31 -0.85 0.00	33.88 -0.83 0.00	36.52 -0.82 0.00	44.05 -0.81 0.00	50.59 -1.09 0.00	48.76 -1.05 0.00	42.15 -0.99 0.00	40.33 -0.87 0.00	38.06 -0.86 0.00	36.57 -0.90 0.00	35.64 -0.88 0.00	36.16 -0.93 0.00	37.75 -1.01 0.00	41.85 -1.03 0.00	47.83 -0.98 0.00	44.56 -1.00 0.00	41.46 -1.11 0.00	37.25 -0.96 0.00	35.25 -0.94 0.00	33.01 -0.99 0.00	32.19 -0.93 0.00
FULTON___LFGE 323630	38.95 3.44 0.00	37.19 3.23 0.00	37.24 3.23 0.00	37.45 3.28 0.00	38.19 3.47 0.00	41.38 4.03 0.00	50.87 6.01 0.00	58.30 6.62 0.00	55.83 6.02 0.00	48.06 4.92 0.00	45.47 4.28 0.00	42.65 3.74 0.00	40.96 3.49 0.00	39.95 3.43 0.00	40.87 3.78 0.00	43.06 4.30 0.00	47.76 4.89 0.00	55.06 6.25 0.00	51.16 5.60 0.00	47.84 5.28 0.00	42.87 4.66 0.00	40.75 4.56 0.00	37.80 3.81 0.00	36.76 3.64 0.00
G.F.CEMENT___DRP 24184	37.46 1.95 0.00	35.80 1.83 0.00	35.98 1.97 0.00	36.12 1.95 0.00	36.76 2.05 0.00	39.66 2.32 0.00	48.40 3.54 0.00	55.61 3.93 0.00	53.34 3.54 0.00	45.86 2.72 0.00	43.50 2.31 0.00	41.01 2.10 0.00	39.46 1.99 0.00	38.45 1.94 0.00	39.20 2.11 0.00	41.12 2.36 0.00	45.67 2.79 0.00	52.47 3.66 0.00	48.98 3.42 0.00	45.59 3.02 0.00	40.88 2.67 0.00	38.79 2.61 0.00	36.24 2.24 0.00	35.27 2.15 0.00
GARDENVILLE___LBMP 24039	35.40 -0.11 0.00	33.76 -0.20 0.00	33.77 -0.24 0.00	34.27 0.10 0.00	35.13 0.42 0.00	37.94 0.60 0.00	44.99 0.13 0.00	50.18 -1.50 0.00	48.16 -1.64 0.00	41.72 -1.42 0.00	40.66 -0.54 0.00	38.33 -0.58 0.00	36.80 -0.67 0.00	35.64 -0.88 0.00	35.72 -1.37 0.00	36.51 -2.25 0.00	40.52 -2.36 0.00	46.42 -2.39 0.00	43.06 -2.51 0.00	39.84 -2.72 0.00	35.96 -2.25 0.00	34.13 -2.06 0.00	31.58 -2.41 0.00	31.40 -1.72 0.00
GARDNVLA_35_KV_LD 355827	35.62 0.11 0.00	33.96 0.00 0.00	33.98 -0.03 0.00	34.48 0.31 0.00	35.30 0.59 0.00	38.16 0.82 0.00	45.26 0.40 0.00	50.49 -1.19 0.00	48.46 -1.34 0.00	41.97 -1.16 0.00	40.90 -0.29 0.00	38.56 -0.35 0.00	37.02 -0.45 0.00	35.86 -0.66 0.00	35.94 -1.15 0.00	36.74 -2.02 0.00	40.73 -2.14 0.00	46.66 -2.15 0.00	43.28 -2.28 0.00	40.06 -2.51 0.00	36.15 -2.06 0.00	34.31 -1.88 0.00	31.75 -2.24 0.00	31.56 -1.56 0.00
GELCKHM___115KV_LOAD 80723	34.98 -0.53 0.00	33.42 -0.54 0.00	33.47 -0.54 0.00	33.66 -0.51 0.00	34.23 -0.49 0.00	36.89 -0.45 0.00	44.46 -0.40 0.00	51.01 -0.67 0.00	49.11 -0.70 0.00	42.45 -0.69 0.00	40.66 -0.54 0.00	38.33 -0.58 0.00	36.87 -0.60 0.00	35.90 -0.62 0.00	36.42 -0.67 0.00	37.98 -0.78 0.00	42.11 -0.77 0.00	48.12 -0.68 0.00	44.92 -0.64 0.00	41.76 -0.81 0.00	37.52 -0.69 0.00	35.54 -0.65 0.00	33.28 -0.71 0.00	32.46 -0.66 0.00
GENERAL___MILLS 23808	35.54 0.04 0.00	33.90 -0.07 0.00	33.91 -0.10 0.00	34.41 0.24 0.00	35.27 0.56 0.00	38.09 0.75 0.00	45.17 0.31 0.00	50.39 -1.29 0.00	48.36 -1.44 0.00	41.89 -1.25 0.00	40.82 -0.37 0.00	38.48 -0.43 0.00	36.95 -0.52 0.00	35.75 -0.77 0.00	35.86 -1.22 0.00	36.66 -2.09 0.00	40.69 -2.19 0.00	46.56 -2.25 0.00	43.19 -2.37 0.00	39.97 -2.60 0.00	36.07 -2.14 0.00	34.23 -1.95 0.00	31.68 -2.31 0.00	31.53 -1.59 0.00
GE_PLASTICS___DRP 24183	36.04 0.53 0.00	34.51 0.54 0.00	34.56 0.54 0.00	34.68 0.51 0.00	35.24 0.52 0.00	37.90 0.56 0.00	45.94 1.08 0.00	53.02 1.34 0.00	51.10 1.29 0.00	43.96 0.82 0.00	41.73 0.54 0.00	39.46 0.54 0.00	37.99 0.52 0.00	37.07 0.55 0.00	37.68 0.59 0.00	39.49 0.74 0.00	43.86 0.99 0.00	50.22 1.42 0.00	46.93 1.37 0.00	43.59 1.02 0.00	39.13 0.92 0.00	37.09 0.90 0.00	34.91 0.92 0.00	33.95 0.83 0.00
GILBOA___1 23756	36.26 0.75 0.00	34.68 0.71 0.00	34.83 0.81 0.00	34.99 0.82 0.00	35.55 0.83 0.00	38.09 0.75 0.00	46.16 1.30 0.00	53.28 1.60 0.00	51.35 1.55 0.00	44.39 1.25 0.00	41.97 0.78 0.00	39.73 0.82 0.00	38.26 0.79 0.00	37.32 0.80 0.00	37.94 0.85 0.00	39.73 0.97 0.00	44.04 1.16 0.00	50.51 1.71 0.00	47.20 1.64 0.00	43.84 1.28 0.00	39.32 1.11 0.00	37.20 1.01 0.00	34.98 0.99 0.00	34.01 0.89 0.00
GILBOA___2 23757	36.26 0.75 0.00	34.68 0.71 0.00	34.83 0.81 0.00	34.99 0.82 0.00	35.55 0.83 0.00	38.09 0.75 0.00	46.16 1.30 0.00	53.28 1.60 0.00	51.35 1.55 0.00	44.39 1.25 0.00	41.97 0.78 0.00	39.73 0.82 0.00	38.26 0.79 0.00	37.32 0.80 0.00	37.94 0.85 0.00	39.73 0.97 0.00	44.04 1.16 0.00	50.51 1.71 0.00	47.20 1.64 0.00	43.84 1.28 0.00	39.32 1.11 0.00	37.20 1.01 0.00	34.98 0.99 0.00	34.01 0.89 0.00
GILBOA___3 23758	36.26 0.75 0.00	34.68 0.71 0.00	34.83 0.81 0.00	34.99 0.82 0.00	35.55 0.83 0.00	38.09 0.75 0.00	46.16 1.30 0.00	53.28 1.60 0.00	51.35 1.55 0.00	44.39 1.25 0.00	41.97 0.78 0.00	39.73 0.82 0.00	38.26 0.79 0.00	37.32 0.80 0.00	37.94 0.85 0.00	39.73 0.97 0.00	44.04 1.16 0.00	50.51 1.71 0.00	47.20 1.64 0.00	43.84 1.28 0.00	39.32 1.11 0.00	37.20 1.01 0.00	34.98 0.99 0.00	34.01 0.89 0.00

GILBOA___4 23759	36.26 0.75 0.00	34.68 0.71 0.00	34.83 0.81 0.00	34.99 0.82 0.00	35.55 0.83 0.00	38.09 0.75 0.00	46.16 1.30 0.00	53.28 1.60 0.00	51.35 1.55 0.00	44.39 1.25 0.00	41.97 0.78 0.00	39.73 0.82 0.00	38.26 0.79 0.00	37.32 0.80 0.00	37.94 0.85 0.00	39.73 0.97 0.00	44.04 1.16 0.00	50.51 1.71 0.00	47.20 1.64 0.00	43.84 1.28 0.00	39.32 1.11 0.00	37.20 1.01 0.00	34.98 0.99 0.00	34.01 0.89 0.00
GILBOA____ 23599	36.22 0.71 0.00	34.68 0.71 0.00	34.83 0.82 0.00	34.85 0.68 0.00	35.41 0.69 0.00	38.09 0.75 0.00	46.16 1.30 0.00	53.33 1.65 0.00	51.40 1.59 0.00	44.22 1.08 0.00	41.97 0.78 0.00	39.73 0.82 0.00	38.26 0.79 0.00	37.32 0.80 0.00	37.94 0.85 0.00	39.73 0.97 0.00	44.12 1.24 0.00	50.52 1.71 0.00	47.20 1.64 0.00	43.84 1.28 0.00	39.32 1.11 0.00	37.24 1.05 0.00	35.02 1.02 0.00	34.05 0.93 0.00
GINNA____ 23603	33.41 -2.10 0.00	31.79 -2.17 0.00	31.87 -2.14 0.00	32.02 -2.15 0.00	32.56 -2.15 0.00	35.51 -1.83 0.00	42.80 -2.06 0.00	48.63 -3.05 0.00	46.72 -3.09 0.00	40.85 -2.29 0.00	39.09 -2.10 0.00	36.73 -2.18 0.00	35.18 -2.29 0.00	34.22 -2.30 0.00	34.53 -2.56 0.00	35.73 -3.02 0.00	39.62 -3.26 0.00	45.44 -3.37 0.00	42.24 -3.32 0.00	39.12 -3.45 0.00	35.19 -3.02 0.00	33.26 -2.93 0.00	31.21 -2.79 0.00	30.57 -2.55 0.00
GLEN PARK____ 23778	35.22 -0.29 0.00	33.59 -0.37 0.00	33.64 -0.37 0.00	33.79 -0.38 0.00	34.33 -0.38 0.00	37.16 -0.19 0.00	44.99 0.13 0.00	51.94 0.26 0.00	50.05 0.25 0.00	43.14 0.00 0.00	41.11 -0.08 0.00	38.68 -0.23 0.00	37.17 -0.30 0.00	36.15 -0.37 0.00	36.79 -0.30 0.00	38.41 -0.35 0.00	42.79 -0.09 0.00	48.76 -0.05 0.00	45.43 -0.14 0.00	42.52 -0.04 0.00	37.94 -0.27 0.00	35.86 -0.33 0.00	33.49 -0.51 0.00	32.56 -0.56 0.00
GLENDALE_27_KV_LOAD 356172	37.11 1.60 0.00	35.66 1.70 0.00	35.51 1.50 0.00	35.71 1.54 0.00	36.17 1.46 0.00	38.84 1.49 0.00	47.60 2.74 0.00	55.40 3.72 0.00	53.44 3.64 0.00	45.81 2.67 0.00	43.04 1.85 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.64 2.12 0.00	39.31 2.23 0.00	41.43 2.67 0.00	46.09 3.22 0.00	52.96 4.15 0.00	49.71 4.15 0.00	45.89 3.32 0.00	41.04 2.83 0.00	38.83 2.64 0.00	36.72 2.72 -0.01	35.51 2.38 -0.01
GLENWOOD_IC_1_G5 23712	42.83 2.10 -5.23	39.51 2.07 -3.47	35.95 1.94 0.00	36.15 1.98 0.00	40.38 1.98 -3.69	43.63 2.13 -4.16	50.99 3.41 -2.72	57.29 4.39 -1.21	54.05 4.23 -0.01	48.78 3.19 -2.45	43.66 2.47 0.00	41.44 2.53 0.00	39.87 2.40 0.00	39.00 2.48 0.00	39.76 2.67 0.00	43.02 3.06 -1.20	52.41 3.30 -6.24	61.48 4.29 -8.37	57.64 4.19 -7.89	49.72 3.41 -3.75	48.72 3.25 -7.26	44.57 3.04 -5.34	39.11 2.89 -2.22	38.24 2.62 -2.51
GLENWOOD_IC_2_G1 23688	42.79 2.06 -5.23	39.44 2.00 -3.47	35.85 1.84 0.00	36.01 1.84 0.00	40.31 1.91 -3.69	43.52 2.02 -4.16	50.85 3.27 -2.72	57.03 4.14 -1.21	53.90 4.08 -0.01	48.99 3.41 -2.45	43.62 2.43 0.00	41.40 2.49 0.00	39.87 2.40 0.00	38.89 2.37 0.00	39.72 2.63 0.00	42.94 2.98 -1.20	52.46 3.35 -6.24	61.62 4.44 -8.37	57.87 4.42 -7.89	49.89 3.58 -3.75	48.57 3.09 -7.26	44.39 2.86 -5.34	38.90 2.69 -2.22	38.08 2.45 -2.51
GLENWOOD_IC_3_G1 23689	42.79 2.06 -5.23	39.44 2.00 -3.47	35.85 1.84 0.00	36.01 1.84 0.00	40.31 1.91 -3.69	43.52 2.02 -4.16	50.85 3.27 -2.72	57.03 4.14 -1.21	53.90 4.08 -0.01	48.99 3.41 -2.45	43.62 2.43 0.00	41.40 2.49 0.00	39.87 2.40 0.00	38.89 2.37 0.00	39.72 2.63 0.00	42.94 2.98 -1.20	52.46 3.35 -6.24	61.62 4.44 -8.37	57.87 4.42 -7.89	49.89 3.58 -3.75	48.57 3.09 -7.26	44.39 2.86 -5.34	38.90 2.69 -2.22	38.08 2.45 -2.51
GLENWOOD___4 23550	42.83 2.10 -5.23	39.51 2.07 -3.47	35.95 1.94 0.00	36.15 1.98 0.00	40.38 1.98 -3.69	43.63 2.13 -4.16	50.99 3.41 -2.72	57.29 4.39 -1.21	54.05 4.23 -0.01	48.78 3.19 -2.45	43.66 2.47 0.00	41.44 2.53 0.00	39.87 2.40 0.00	39.00 2.48 0.00	39.76 2.67 0.00	43.02 3.06 -1.20	52.54 3.43 -6.24	61.57 4.39 -8.37	57.78 4.33 -7.89	49.81 3.49 -3.75	48.72 3.25 -7.26	44.57 3.04 -5.34	39.11 2.89 -2.22	38.24 2.62 -2.51
GLENWOOD___5 23614	42.83 2.10 -5.23	39.51 2.07 -3.47	35.95 1.94 0.00	36.15 1.98 0.00	40.38 1.98 -3.69	43.63 2.13 -4.16	50.99 3.41 -2.72	57.29 4.39 -1.21	54.05 4.23 -0.01	48.78 3.19 -2.45	43.66 2.47 0.00	41.44 2.53 0.00	39.87 2.40 0.00	39.00 2.48 0.00	39.76 2.67 0.00	43.02 3.06 -1.20	52.54 3.43 -6.24	61.57 4.39 -8.37	57.78 4.33 -7.89	49.81 3.49 -3.75	48.72 3.25 -7.26	44.57 3.04 -5.34	39.11 2.89 -2.22	38.24 2.62 -2.51
GLOBAL GREEN_PORT_GT1 23814	44.85 4.12 -5.23	41.41 3.97 -3.47	37.75 3.74 0.00	37.96 3.79 0.00	42.33 3.92 -3.69	45.76 4.26 -4.16	53.95 6.37 -2.72	60.70 7.80 -1.21	57.24 7.42 -0.01	51.62 6.04 -2.45	46.05 4.86 0.00	43.62 4.71 0.00	41.85 4.38 0.00	40.86 4.34 0.00	41.95 4.86 0.00	45.27 5.31 -1.20	55.67 6.56 -6.24	65.59 8.40 -8.38	61.52 8.07 -7.90	53.17 6.85 -3.75	51.32 5.85 -7.26	46.70 5.17 -5.34	40.94 4.72 -2.22	40.10 4.47 -2.51
GLOBE___DSASP 323697	34.12 -1.38 0.00	32.54 -1.43 0.00	32.58 -1.43 0.00	33.04 -1.13 0.00	33.81 -0.90 0.00	36.56 -0.78 0.00	43.11 -1.75 0.00	47.75 -3.93 0.00	45.87 -3.93 0.00	39.82 -3.32 0.00	38.93 -2.27 0.00	36.73 -2.18 0.00	35.26 -2.21 0.00	34.18 -2.34 0.00	34.34 -2.74 0.00	35.07 -3.68 0.00	38.98 -3.90 0.00	44.51 -4.29 0.00	41.33 -4.24 0.00	38.27 -4.30 0.00	34.62 -3.59 0.00	32.90 -3.29 0.00	30.43 -3.57 0.00	30.34 -2.78 0.00
GOETHSLN___LBMP 323567	36.64 1.14 0.00	35.19 1.22 0.00	35.07 1.05 0.00	35.23 1.06 0.00	35.76 1.04 0.00	38.43 1.08 0.00	47.10 2.24 0.00	54.88 3.20 0.00	52.84 3.04 0.00	45.30 2.16 0.00	42.59 1.40 0.00	40.55 1.63 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.91 1.82 0.00	40.93 2.17 0.00	45.54 2.66 0.00	50.11 3.42 2.11	49.07 3.51 0.00	40.30 2.81 5.08	40.69 2.48 0.00	38.43 2.24 0.00	36.21 2.21 0.00	35.01 1.89 0.00
GOLAH___69_KV_TB 1_2 80279	35.26 -0.25 0.00	33.62 -0.34 0.00	33.64 -0.37 0.00	33.96 -0.21 0.00	34.71 0.00 0.00	37.57 0.22 0.00	44.90 0.04 0.00	50.39 -1.29 0.00	48.51 -1.29 0.00	42.06 -1.08 0.00	40.66 -0.54 0.00	38.25 -0.66 0.00	36.80 -0.67 0.00	35.71 -0.80 0.00	35.98 -1.11 0.00	37.01 -1.74 0.00	41.12 -1.76 0.00	46.95 -1.85 0.00	43.74 -1.82 0.00	40.48 -2.09 0.00	36.41 -1.80 0.00	34.45 -1.74 0.00	32.02 -1.97 0.00	31.60 -1.52 0.00
GOODYEAR_LAKE_HYD 323669	36.96 1.46 0.00	35.36 1.39 0.00	35.41 1.39 0.00	35.57 1.40 0.00	36.14 1.42 0.00	39.02 1.68 0.00	47.42 2.56 0.00	54.63 2.95 0.00	52.59 2.79 0.00	45.25 2.11 0.00	43.04 1.85 0.00	40.58 1.67 0.00	39.08 1.61 0.00	38.09 1.57 0.00	38.68 1.59 0.00	40.38 1.63 0.00	44.98 2.10 0.00	51.49 2.68 0.00	48.07 2.51 0.00	44.74 2.17 0.00	40.01 1.80 0.00	37.89 1.70 0.00	35.46 1.46 0.00	34.48 1.36 0.00

GOUDEY___1 345031	35.93 0.43 0.00	34.34 0.37 0.00	34.39 0.37 0.00	34.65 0.48 0.00	35.24 0.52 0.00	38.01 0.67 0.00	45.85 0.99 0.00	52.51 0.83 0.00	50.50 0.70 0.00	43.53 0.39 0.00	41.68 0.49 0.00	39.34 0.43 0.00	37.84 0.37 0.00	36.81 0.29 0.00	37.27 0.19 0.00	38.80 0.04 0.00	43.09 0.21 0.00	49.39 0.59 0.00	45.97 0.41 0.00	42.65 0.09 0.00	38.32 0.11 0.00	36.26 0.07 0.00	33.89 -0.10 0.00	33.12 0.00 0.00
GOUDEY___7 23579	35.97 0.46 0.00	34.37 0.41 0.00	34.42 0.41 0.00	34.65 0.48 0.00	35.27 0.56 0.00	38.05 0.71 0.00	45.89 1.03 0.00	52.56 0.88 0.00	50.55 0.75 0.00	43.57 0.43 0.00	41.73 0.54 0.00	39.38 0.47 0.00	37.88 0.41 0.00	36.85 0.33 0.00	37.31 0.22 0.00	38.83 0.08 0.00	43.14 0.26 0.00	49.44 0.63 0.00	46.06 0.50 0.00	42.70 0.13 0.00	38.36 0.15 0.00	36.30 0.11 0.00	33.93 -0.07 0.00	33.15 0.03 0.00
GOUDEY___8 23580	35.93 0.43 0.00	34.34 0.37 0.00	34.39 0.37 0.00	34.65 0.48 0.00	35.24 0.52 0.00	38.01 0.67 0.00	45.85 0.99 0.00	52.51 0.83 0.00	50.50 0.70 0.00	43.53 0.39 0.00	41.68 0.49 0.00	39.34 0.43 0.00	37.84 0.37 0.00	36.81 0.29 0.00	37.27 0.19 0.00	38.80 0.04 0.00	43.09 0.21 0.00	49.39 0.59 0.00	45.97 0.41 0.00	42.65 0.09 0.00	38.32 0.11 0.00	36.26 0.07 0.00	33.89 -0.10 0.00	33.12 0.00 0.00
GOWANUS_GT1_1 24077	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 -2.45 -0.01
GOWANUS_GT1_2 24078	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 -2.45 -0.01
GOWANUS_GT1_3 24079	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 -2.45 -0.01
GOWANUS_GT1_4 24080	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 -2.45 -0.01
GOWANUS_GT1_5 24084	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 -2.45 -0.01
GOWANUS_GT1_6 24111	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 -2.45 -0.01
GOWANUS_GT1_7 24112	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 -2.45 -0.01
GOWANUS_GT1_8 24113	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 -2.45 -0.01
GOWANUS_GT2_1 24114	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
GOWANUS_GT2_2 24115	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
GOWANUS_GT2_3 24116	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
GOWANUS_GT2_4 24117	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01

GOWANUS_GT2_5 24118	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT2_6 24119	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT2_7 24120	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT2_8 24121	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT3_1 24122	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT3_2 24123	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT3_3 24124	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT3_4 24125	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT3_5 24126	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT3_6 24127	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT3_7 24128	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT3_8 24129	37.29 <u>1.77</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.78 <u>1.61</u> -0.01	36.29 <u>1.56</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.30 <u>3.62</u> 0.00	53.34 <u>3.54</u> 0.00	46.11 <u>2.97</u> 0.00	43.00 <u>1.81</u> 0.00	40.97 <u>2.06</u> 0.00	39.53 <u>2.06</u> 0.00	38.60 <u>2.08</u> 0.00	39.35 <u>2.26</u> 0.00	41.51 <u>2.75</u> 0.00	46.01 <u>3.13</u> 0.00	53.23 <u>4.20</u> -0.23	49.94 <u>4.37</u> -0.01	46.06 <u>3.49</u> 0.00	41.04 <u>2.83</u> 0.00	38.80 <u>2.61</u> 0.00	36.69 <u>2.69</u> -0.01	35.51 <u>2.39</u> -0.01
GOWANUS_GT4_1 24130	37.22 <u>1.70</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.82 <u>1.64</u> -0.01	36.32 <u>1.60</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.40 <u>3.72</u> 0.00	53.34 <u>3.54</u> 0.00	45.77 <u>2.63</u> 0.00	42.96 <u>1.77</u> 0.00	40.90 <u>1.98</u> 0.00	39.49 <u>2.02</u> 0.00	38.56 <u>2.05</u> 0.00	39.24 <u>2.15</u> 0.00	41.43 <u>2.67</u> 0.00	46.14 <u>3.26</u> 0.00	53.18 <u>4.15</u> -0.23	49.81 <u>4.24</u> -0.01	45.89 <u>3.32</u> 0.00	41.04 <u>2.83</u> 0.00	38.87 <u>2.68</u> 0.00	36.83 <u>2.82</u> -0.01	35.58 <u>2.45</u> -0.01
GOWANUS_GT4_2 24131	37.22 <u>1.70</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.82 <u>1.64</u> -0.01	36.32 <u>1.60</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.40 <u>3.72</u> 0.00	53.34 <u>3.54</u> 0.00	45.77 <u>2.63</u> 0.00	42.96 <u>1.77</u> 0.00	40.90 <u>1.98</u> 0.00	39.49 <u>2.02</u> 0.00	38.56 <u>2.05</u> 0.00	39.24 <u>2.15</u> 0.00	41.43 <u>2.67</u> 0.00	46.14 <u>3.26</u> 0.00	53.18 <u>4.15</u> -0.23	49.81 <u>4.24</u> -0.01	45.89 <u>3.32</u> 0.00	41.04 <u>2.83</u> 0.00	38.87 <u>2.68</u> 0.00	36.83 <u>2.82</u> -0.01	35.58 <u>2.45</u> -0.01
GOWANUS_GT4_3 24132	37.22 <u>1.70</u> -0.01	35.77 <u>1.80</u> -0.01	35.65 <u>1.63</u> -0.01	35.82 <u>1.64</u> -0.01	36.32 <u>1.60</u> -0.01	38.99 <u>1.64</u> -0.01	47.69 <u>2.83</u> 0.00	55.40 <u>3.72</u> 0.00	53.34 <u>3.54</u> 0.00	45.77 <u>2.63</u> 0.00	42.96 <u>1.77</u> 0.00	40.90 <u>1.98</u> 0.00	39.49 <u>2.02</u> 0.00	38.56 <u>2.05</u> 0.00	39.24 <u>2.15</u> 0.00	41.43 <u>2.67</u> 0.00	46.14 <u>3.26</u> 0.00	53.18 <u>4.15</u> -0.23	49.81 <u>4.24</u> -0.01	45.89 <u>3.32</u> 0.00	41.04 <u>2.83</u> 0.00	38.87 <u>2.68</u> 0.00	36.83 <u>2.82</u> -0.01	35.58 <u>2.45</u> -0.01

GOWANUS_GT4_4 24133	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 2.45 -0.01
GOWANUS_GT4_5 24134	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 2.45 -0.01
GOWANUS_GT4_6 24135	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 2.45 -0.01
GOWANUS_GT4_7 24136	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 2.45 -0.01
GOWANUS_GT4_8 24137	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 2.45 -0.01
GREENBSH_115KV_TB3 55895	35.90 0.39 0.00	34.37 0.41 0.00	34.42 0.41 0.00	34.51 0.34 0.00	35.06 0.35 0.00	37.72 0.37 0.00	45.76 0.90 0.00	52.82 1.14 0.00	50.90 1.10 0.00	43.83 0.69 0.00	41.52 0.33 0.00	39.26 0.35 0.00	37.84 0.37 0.00	36.92 0.40 0.00	37.57 0.48 0.00	39.38 0.62 0.00	43.69 0.81 0.00	50.08 1.27 0.00	46.79 1.23 0.00	43.46 0.89 0.00	38.97 0.76 0.00	36.99 0.80 0.00	34.85 0.85 0.00	33.88 0.76 0.00
GREENDGE_115KV_TB5 80291	36.15 0.64 0.00	34.47 0.51 0.00	34.52 0.51 0.00	34.89 0.72 0.00	35.58 0.87 0.00	38.50 1.16 0.00	46.11 1.26 0.00	52.51 0.83 0.00	50.45 0.65 0.00	43.57 0.43 0.00	42.06 0.87 0.00	39.69 0.78 0.00	38.07 0.60 0.00	36.96 0.44 0.00	37.35 0.26 0.00	38.72 -0.04 0.00	42.88 0.00 0.00	49.05 0.24 0.00	45.52 -0.05 0.00	42.27 -0.30 0.00	38.13 -0.08 0.00	36.04 -0.14 0.00	33.52 -0.48 0.00	32.85 -0.26 0.00
GREENIDGE___3 23582	36.15 0.64 0.00	34.47 0.51 0.00	34.52 0.51 0.00	34.89 0.72 0.00	35.58 0.87 0.00	38.50 1.16 0.00	46.11 1.26 0.00	52.51 0.83 0.00	50.45 0.65 0.00	43.57 0.43 0.00	42.06 0.87 0.00	39.69 0.78 0.00	38.07 0.60 0.00	36.96 0.44 0.00	37.35 0.26 0.00	38.72 -0.04 0.00	42.88 0.00 0.00	49.05 0.24 0.00	45.52 -0.05 0.00	42.27 -0.30 0.00	38.13 -0.08 0.00	36.04 -0.14 0.00	33.52 -0.48 0.00	32.85 -0.26 0.00
GREENIDGE___4 23583	36.18 0.67 0.00	34.47 0.51 0.00	34.52 0.51 0.00	34.75 0.58 0.00	35.37 0.66 0.00	38.57 1.23 0.00	46.29 1.44 0.00	52.87 1.19 0.00	50.60 0.79 0.00	44.05 0.91 0.00	42.30 1.11 0.00	39.73 0.82 0.00	38.07 0.60 0.00	37.03 0.51 0.00	37.35 0.26 0.00	38.72 -0.04 0.00	42.66 -0.21 0.00	49.15 0.34 0.00	45.56 0.00 0.00	42.31 -0.25 0.00	38.13 -0.08 0.00	36.01 -0.18 0.00	33.72 -0.27 0.00	33.05 -0.07 0.00
GREENLWN_69_KV_BK 3 55738	42.65 1.92 -5.23	39.37 1.94 -3.47	35.81 1.80 0.00	36.01 1.85 0.00	40.24 1.84 -3.69	43.48 1.98 -4.16	50.45 2.87 -2.72	56.67 3.77 -1.21	53.55 3.74 -0.01	48.39 2.80 -2.45	43.37 2.18 0.00	41.21 2.30 0.00	39.61 2.14 0.00	38.75 2.23 0.00	39.50 2.41 0.00	42.75 2.79 -1.20	52.29 3.17 -6.24	61.28 4.10 -8.37	57.50 4.06 -7.88	49.55 3.24 -3.75	48.26 2.79 -7.26	44.24 2.71 -5.34	38.94 2.72 -2.22	38.08 2.45 -2.51
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 2.45 -0.01
GRISSOM___SOLAR 323813	38.95 3.44 0.00	37.19 3.23 0.00	37.24 3.23 0.00	37.45 3.28 0.00	38.19 3.47 0.00	41.38 4.03 0.00	50.87 6.01 0.00	58.30 6.62 0.00	55.83 6.02 0.00	48.06 4.92 0.00	45.47 4.28 0.00	42.65 3.74 0.00	40.96 3.49 0.00	39.95 3.43 0.00	40.87 3.78 0.00	43.06 4.30 0.00	47.76 4.89 0.00	55.06 6.25 0.00	51.16 5.60 0.00	47.84 5.28 0.00	42.87 4.66 0.00	40.75 4.56 0.00	37.80 3.81 0.00	36.76 3.64 0.00
GROVEVILLE___HYD 323602	37.21 1.70 0.00	35.66 1.70 0.00	35.61 1.60 0.00	35.77 1.61 0.00	36.28 1.56 0.00	39.06 1.72 0.00	47.73 2.87 0.00	55.09 3.41 0.00	53.24 3.44 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.51 1.60 0.00	39.01 1.54 0.00	38.02 1.50 0.00	38.79 1.71 0.00	40.73 1.98 0.00	45.37 2.49 0.00	52.22 3.42 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.31 2.10 0.00	38.18 1.99 0.00	36.00 2.01 0.00	34.97 1.85 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	35.22 -0.28 0.00	33.66 -0.31 0.00	33.70 -0.31 0.00	33.89 -0.27 0.00	34.47 -0.24 0.00	37.19 -0.15 0.00	44.81 -0.04 0.00	51.37 -0.31 0.00	49.50 -0.30 0.00	42.79 -0.35 0.00	40.94 -0.25 0.00	38.60 -0.31 0.00	37.13 -0.34 0.00	36.15 -0.37 0.00	36.68 -0.41 0.00	38.25 -0.50 0.00	42.41 -0.47 0.00	48.51 -0.29 0.00	45.24 -0.32 0.00	42.06 -0.51 0.00	37.83 -0.38 0.00	35.79 -0.40 0.00	33.49 -0.51 0.00	32.69 -0.43 0.00
HAMLTNNY_34_KV_TB 80303	35.30 -0.21 0.00	33.73 -0.24 0.00	33.77 -0.24 0.00	33.96 -0.21 0.00	34.58 -0.14 0.00	37.30 -0.04 0.00	44.99 0.13 0.00	51.63 -0.05 0.00	49.70 -0.10 0.00	42.92 -0.22 0.00	41.15 -0.04 0.00	38.79 -0.12 0.00	37.28 -0.19 0.00	36.30 -0.22 0.00	36.79 -0.30 0.00	38.37 -0.39 0.00	42.58 -0.30 0.00	48.66 -0.15 0.00	45.33 -0.23 0.00	42.14 -0.43 0.00	37.87 -0.34 0.00	35.79 -0.40 0.00	33.49 -0.51 0.00	32.66 -0.46 0.00

HAMPSHIRE___PAPER_HYD 323593	34.69 -0.82 0.00	33.28 -0.68 0.00	33.33 -0.68 0.00	33.48 -0.68 0.00	34.02 -0.69 0.00	36.48 -0.86 0.00	43.78 -1.08 0.00	50.59 -1.09 0.00	48.86 -0.95 0.00	42.28 -0.86 0.00	40.57 -0.62 0.00	38.21 -0.70 0.00	36.80 -0.67 0.00	35.86 -0.66 0.00	36.42 -0.67 0.00	38.02 -0.74 0.00	42.06 -0.82 0.00	47.54 -1.27 0.00	44.33 -1.23 0.00	41.59 -0.98 0.00	37.18 -1.03 0.00	35.29 -0.90 0.00	33.01 -0.99 0.00	32.16 -0.96 0.00
HARDSCRABBLE_WT_PWR 323673	36.22 0.71 0.00	34.64 0.68 0.00	34.73 0.72 0.00	34.92 0.75 0.00	35.51 0.80 0.00	38.35 1.01 0.00	46.20 1.34 0.00	53.38 1.70 0.00	51.55 1.74 0.00	44.61 1.47 0.00	42.34 1.15 0.00	40.08 1.17 0.00	38.59 1.12 0.00	37.54 1.02 0.00	37.94 0.85 0.00	39.45 0.70 0.00	43.52 0.64 0.00	49.20 0.39 0.00	45.93 0.36 0.00	42.87 0.30 0.00	38.44 0.23 0.00	36.48 0.29 0.00	34.30 0.31 0.00	33.45 0.33 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.75 1.24 0.00	35.22 1.26 0.00	35.13 1.12 0.00	35.33 1.16 0.00	35.86 1.15 0.00	38.57 1.23 0.00	47.10 2.24 0.00	54.52 2.84 0.00	52.59 2.79 0.00	45.08 1.94 0.00	42.47 1.28 0.00	40.27 1.36 0.00	38.82 1.35 0.00	37.87 1.35 0.00	38.57 1.48 0.00	40.46 1.71 0.00	45.06 2.19 0.00	51.83 3.03 0.00	48.48 2.92 0.00	44.82 2.26 0.00	40.12 1.91 0.00	37.96 1.77 0.00	35.80 1.80 0.00	34.71 1.59 0.00
HARSNRAD_115KV_TB1 81005	34.76 -0.75 0.00	33.15 -0.82 0.00	33.19 -0.82 0.00	33.66 -0.51 0.00	34.47 -0.24 0.00	37.27 -0.07 0.00	44.10 -0.76 0.00	48.94 -2.74 0.00	47.01 -2.79 0.00	40.81 -2.33 0.00	39.83 -1.36 0.00	37.55 -1.36 0.00	36.05 -1.42 0.00	34.91 -1.61 0.00	35.05 -2.04 0.00	35.81 -2.95 0.00	39.79 -3.09 0.00	45.49 -3.32 0.00	42.19 -3.37 0.00	39.08 -3.49 0.00	35.31 -2.90 0.00	33.51 -2.68 0.00	30.97 -3.03 0.00	30.87 -2.25 0.00
HARZA MOOSE___RIVER 24016	36.04 0.53 0.00	34.41 0.44 0.00	34.45 0.44 0.00	34.61 0.44 0.00	35.17 0.45 0.00	37.98 0.63 0.00	45.89 1.03 0.00	52.97 1.29 0.00	51.10 1.29 0.00	44.09 0.95 0.00	41.89 0.70 0.00	39.61 0.70 0.00	38.14 0.67 0.00	37.14 0.62 0.00	37.72 0.63 0.00	39.38 0.62 0.00	43.74 0.86 0.00	49.78 0.98 0.00	46.43 0.87 0.00	43.38 0.81 0.00	38.78 0.57 0.00	36.66 0.47 0.00	34.34 0.34 0.00	33.42 0.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.01 -0.50 0.00	33.45 -0.51 0.00	33.50 -0.51 0.00	33.69 -0.48 0.00	34.26 -0.45 0.00	36.93 -0.41 0.00	44.46 -0.40 0.00	51.01 -0.67 0.00	49.11 -0.70 0.00	42.45 -0.69 0.00	40.61 -0.58 0.00	38.33 -0.58 0.00	36.83 -0.64 0.00	35.90 -0.62 0.00	36.42 -0.67 0.00	37.98 -0.78 0.00	42.11 -0.77 0.00	48.12 -0.68 0.00	44.88 -0.68 0.00	41.72 -0.85 0.00	37.56 -0.65 0.00	35.57 -0.62 0.00	33.28 -0.71 0.00	32.49 -0.63 0.00
HELLGATE_13_KV_LD 55870	36.96 1.46 0.00	35.53 1.56 0.00	35.41 1.39 0.00	35.57 1.40 0.00	36.03 1.32 0.00	38.65 1.31 0.00	47.33 2.47 0.00	55.09 3.41 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.80 1.61 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.13 2.04 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.59 2.58 -0.01	35.41 2.29 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.96 1.46 0.00	35.53 1.56 0.00	35.41 1.39 0.00	35.57 1.40 0.00	36.03 1.32 0.00	38.65 1.31 0.00	47.33 2.47 0.00	55.09 3.41 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.80 1.61 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.13 2.04 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.59 2.58 -0.01	35.41 2.29 -0.01
HEMPSTEAD___ 23647	42.72 1.99 -5.23	39.37 1.93 -3.47	35.78 1.77 0.00	35.94 1.78 0.00	40.21 1.80 -3.69	43.44 1.94 -4.16	50.76 3.19 -2.72	56.93 4.03 -1.21	53.80 3.99 -0.01	48.86 3.28 -2.45	43.54 2.35 0.00	41.29 2.37 0.00	39.79 2.32 0.00	38.82 2.30 0.00	39.65 2.56 0.00	42.87 2.91 -1.20	52.42 3.30 -6.24	61.52 4.34 -8.37	57.78 4.33 -7.89	49.85 3.53 -3.75	48.49 3.02 -7.26	44.32 2.79 -5.34	38.87 2.65 -2.22	38.04 2.42 -2.51
HEWLETT___69_KV_BK3 55828	42.94 2.20 -5.23	39.65 2.21 -3.47	36.05 2.04 0.00	36.25 2.08 0.00	40.49 2.08 -3.69	43.74 2.24 -4.16	51.08 3.50 -2.72	57.39 4.50 -1.21	54.20 4.38 -0.01	48.91 3.32 -2.45	43.79 2.60 0.00	41.56 2.65 0.00	39.98 2.51 0.00	39.11 2.59 0.00	39.87 2.78 0.00	43.14 3.18 -1.20	52.89 3.77 -6.24	61.72 4.54 -8.37	57.91 4.47 -7.89	50.19 3.87 -3.75	48.84 3.36 -7.26	44.68 3.15 -5.34	39.24 3.03 -2.22	38.38 2.75 -2.51
HICKLING___1 23621	36.22 0.71 0.00	34.58 0.61 0.00	34.62 0.61 0.00	35.02 0.85 0.00	35.72 1.01 0.00	38.61 1.27 0.00	46.43 1.57 0.00	52.82 1.14 0.00	50.65 0.85 0.00	43.70 0.56 0.00	42.06 0.87 0.00	39.61 0.70 0.00	38.07 0.60 0.00	36.92 0.40 0.00	37.24 0.15 0.00	38.56 -0.19 0.00	42.79 -0.09 0.00	49.15 0.34 0.00	45.61 0.05 0.00	42.14 -0.43 0.00	37.94 -0.27 0.00	35.90 -0.29 0.00	33.45 -0.54 0.00	32.82 -0.30 0.00
HICKLING___2 23622	36.22 0.71 0.00	34.58 0.61 0.00	34.62 0.61 0.00	35.02 0.85 0.00	35.72 1.01 0.00	38.61 1.27 0.00	46.43 1.57 0.00	52.82 1.14 0.00	50.65 0.85 0.00	43.70 0.56 0.00	42.06 0.87 0.00	39.61 0.70 0.00	38.07 0.60 0.00	36.92 0.40 0.00	37.24 0.15 0.00	38.56 -0.19 0.00	42.79 -0.09 0.00	49.15 0.34 0.00	45.61 0.05 0.00	42.14 -0.43 0.00	37.94 -0.27 0.00	35.90 -0.29 0.00	33.45 -0.54 0.00	32.82 -0.30 0.00
HIGH FALLS___HY 23754	37.21 1.70 0.00	35.66 1.70 0.00	35.58 1.56 0.00	35.77 1.61 0.00	36.28 1.56 0.00	39.06 1.72 0.00	47.73 2.87 0.00	55.14 3.46 0.00	53.29 3.49 0.00	45.55 2.42 0.00	42.80 1.61 0.00	40.51 1.60 0.00	39.01 1.54 0.00	38.02 1.50 0.00	38.76 1.67 0.00	40.69 1.94 0.00	45.37 2.49 0.00	52.27 3.47 0.00	48.89 3.33 0.00	45.08 2.51 0.00	40.27 2.06 0.00	38.11 1.92 0.00	35.97 1.97 0.00	34.94 1.82 0.00
HILLBURN___GT 23639	36.75 1.24 0.00	35.18 1.22 0.00	35.10 1.09 0.00	35.26 1.09 0.00	35.79 1.08 0.00	38.50 1.16 0.00	47.01 2.15 0.00	54.52 2.84 0.00	52.64 2.84 0.00	45.42 2.28 0.00	42.59 1.40 0.00	40.43 1.52 0.00	39.01 1.54 0.00	38.02 1.50 0.00	38.72 1.63 0.00	40.65 1.90 0.00	45.11 2.23 0.00	52.03 3.22 0.00	48.75 3.19 0.00	45.08 2.51 0.00	40.31 2.10 0.00	38.07 1.88 0.00	35.80 1.80 0.00	34.71 1.59 0.00
HILLSIDE_115KV_TB1 80332	35.72 0.21 0.00	34.10 0.14 0.00	34.15 0.14 0.00	34.51 0.34 0.00	35.20 0.49 0.00	38.01 0.67 0.00	45.71 0.85 0.00	52.04 0.36 0.00	49.90 0.10 0.00	43.01 -0.13 0.00	41.40 0.21 0.00	39.03 0.12 0.00	37.55 0.07 0.00	36.44 -0.07 0.00	36.79 -0.30 0.00	38.10 -0.66 0.00	42.32 -0.56 0.00	48.61 -0.20 0.00	45.15 -0.41 0.00	41.76 -0.81 0.00	37.56 -0.65 0.00	35.57 -0.62 0.00	33.18 -0.82 0.00	32.52 -0.60 0.00

HISHELDN_WT_PWR 323625	35.47 -0.04 0.00	33.76 -0.20 0.00	33.81 -0.20 0.00	34.07 -0.10 0.00	34.71 0.00 0.00	38.05 0.71 0.00	45.49 0.63 0.00	51.21 -0.47 0.00	48.81 -1.00 0.00	42.75 -0.39 0.00	40.90 -0.29 0.00	38.48 -0.43 0.00	36.87 -0.60 0.00	35.75 -0.77 0.00	35.75 -1.33 0.00	36.62 -2.13 0.00	40.56 -2.32 0.00	46.71 -2.10 0.00	43.10 -2.46 0.00	39.89 -2.68 0.00	35.96 -2.25 0.00	34.09 -2.10 0.00	32.09 -1.90 0.00	31.83 -1.29 0.00
HOLTSVILLE_IC_1 23690	43.43 2.70 -5.23	40.09 2.65 -3.47	36.46 2.45 0.00	36.63 2.46 0.00	40.94 2.53 -3.69	44.23 2.72 -4.16	51.84 4.26 -2.72	58.17 5.27 -1.21	54.95 5.13 -0.01	49.73 4.14 -2.45	44.24 3.05 0.00	41.87 2.96 0.00	40.28 2.81 0.00	39.29 2.77 0.00	40.28 3.19 0.00	43.48 3.53 -1.20	53.44 4.33 -6.24	62.75 5.56 -8.38	58.88 5.42 -7.90	50.92 4.60 -3.75	49.33 3.86 -7.26	44.93 3.40 -5.34	39.41 3.19 -2.22	38.61 2.98 -2.51
HOLTSVILLE_IC_10 23699	43.65 2.91 -5.23	40.29 2.85 -3.47	36.63 2.62 0.00	36.83 2.67 0.00	41.15 2.74 -3.69	44.45 2.95 -4.16	52.16 4.58 -2.72	58.53 5.63 -1.21	55.30 5.48 -0.01	50.03 4.44 -2.45	44.53 3.33 0.00	42.14 3.23 0.00	40.54 3.07 0.00	39.55 3.03 0.00	40.54 3.45 0.00	43.76 3.80 -1.20	53.79 4.67 -6.24	63.19 6.00 -8.39	59.29 5.83 -7.90	51.30 4.98 -3.75	49.68 4.20 -7.26	45.22 3.69 -5.34	39.65 3.43 -2.22	38.84 3.21 -2.51
HOLTSVILLE_IC_2 23691	43.43 2.70 -5.23	40.09 2.65 -3.47	36.46 2.45 0.00	36.63 2.46 0.00	40.94 2.53 -3.69	44.23 2.72 -4.16	51.84 4.26 -2.72	58.17 5.27 -1.21	54.95 5.13 -0.01	49.73 4.14 -2.45	44.24 3.05 0.00	41.87 2.96 0.00	40.28 2.81 0.00	39.29 2.77 0.00	40.28 3.19 0.00	43.48 3.53 -1.20	53.44 4.33 -6.24	62.75 5.56 -8.38	58.88 5.42 -7.90	50.92 4.60 -3.75	49.33 3.86 -7.26	44.93 3.40 -5.34	39.41 3.19 -2.22	38.61 2.98 -2.51
HOLTSVILLE_IC_3 23692	43.43 2.70 -5.23	40.09 2.65 -3.47	36.46 2.45 0.00	36.63 2.46 0.00	40.94 2.53 -3.69	44.23 2.72 -4.16	51.84 4.26 -2.72	58.17 5.27 -1.21	54.95 5.13 -0.01	49.73 4.14 -2.45	44.24 3.05 0.00	41.87 2.96 0.00	40.28 2.81 0.00	39.29 2.77 0.00	40.28 3.19 0.00	43.48 3.53 -1.20	53.44 4.33 -6.24	62.75 5.56 -8.38	58.88 5.42 -7.90	50.92 4.60 -3.75	49.33 3.86 -7.26	44.93 3.40 -5.34	39.41 3.19 -2.22	38.61 2.98 -2.51
HOLTSVILLE_IC_4 23693	43.43 2.70 -5.23	40.09 2.65 -3.47	36.46 2.45 0.00	36.63 2.46 0.00	40.94 2.53 -3.69	44.23 2.72 -4.16	51.84 4.26 -2.72	58.17 5.27 -1.21	54.95 5.13 -0.01	49.73 4.14 -2.45	44.24 3.05 0.00	41.87 2.96 0.00	40.28 2.81 0.00	39.29 2.77 0.00	40.28 3.19 0.00	43.48 3.53 -1.20	53.44 4.33 -6.24	62.75 5.56 -8.38	58.88 5.42 -7.90	50.92 4.60 -3.75	49.33 3.86 -7.26	44.93 3.40 -5.34	39.41 3.19 -2.22	38.61 2.98 -2.51
HOLTSVILLE_IC_5 23694	43.43 2.70 -5.23	40.09 2.65 -3.47	36.46 2.45 0.00	36.63 2.46 0.00	40.94 2.53 -3.69	44.23 2.72 -4.16	51.84 4.26 -2.72	58.17 5.27 -1.21	54.95 5.13 -0.01	49.73 4.14 -2.45	44.24 3.05 0.00	41.87 2.96 0.00	40.28 2.81 0.00	39.29 2.77 0.00	40.28 3.19 0.00	43.48 3.53 -1.20	53.44 4.33 -6.24	62.75 5.56 -8.38	58.88 5.42 -7.90	50.92 4.60 -3.75	49.33 3.86 -7.26	44.93 3.40 -5.34	39.41 3.19 -2.22	38.61 2.98 -2.51
HOLTSVILLE_IC_6 23695	43.65 2.91 -5.23	40.29 2.85 -3.47	36.63 2.62 0.00	36.83 2.67 0.00	41.15 2.74 -3.69	44.45 2.95 -4.16	52.16 4.58 -2.72	58.53 5.63 -1.21	55.30 5.48 -0.01	50.03 4.44 -2.45	44.53 3.33 0.00	42.14 3.23 0.00	40.54 3.07 0.00	39.55 3.03 0.00	40.54 3.45 0.00	43.76 3.80 -1.20	53.79 4.67 -6.24	63.19 6.00 -8.39	59.29 5.83 -7.90	51.30 4.98 -3.75	49.68 4.20 -7.26	45.22 3.69 -5.34	39.65 3.43 -2.22	38.84 3.21 -2.51
HOLTSVILLE_IC_7 23696	43.65 2.91 -5.23	40.29 2.85 -3.47	36.63 2.62 0.00	36.83 2.67 0.00	41.15 2.74 -3.69	44.45 2.95 -4.16	52.16 4.58 -2.72	58.53 5.63 -1.21	55.30 5.48 -0.01	50.03 4.44 -2.45	44.53 3.33 0.00	42.14 3.23 0.00	40.54 3.07 0.00	39.55 3.03 0.00	40.54 3.45 0.00	43.76 3.80 -1.20	53.79 4.67 -6.24	63.19 6.00 -8.39	59.29 5.83 -7.90	51.30 4.98 -3.75	49.68 4.20 -7.26	45.22 3.69 -5.34	39.65 3.43 -2.22	38.84 3.21 -2.51
HOLTSVILLE_IC_8 23697	43.65 2.91 -5.23	40.29 2.85 -3.47	36.63 2.62 0.00	36.83 2.67 0.00	41.15 2.74 -3.69	44.45 2.95 -4.16	52.16 4.58 -2.72	58.53 5.63 -1.21	55.30 5.48 -0.01	50.03 4.44 -2.45	44.53 3.33 0.00	42.14 3.23 0.00	40.54 3.07 0.00	39.55 3.03 0.00	40.54 3.45 0.00	43.76 3.80 -1.20	53.79 4.67 -6.24	63.19 6.00 -8.39	59.29 5.83 -7.90	51.30 4.98 -3.75	49.68 4.20 -7.26	45.22 3.69 -5.34	39.65 3.43 -2.22	38.84 3.21 -2.51
HOLTSVILLE_IC_9 23698	43.65 2.91 -5.23	40.29 2.85 -3.47	36.63 2.62 0.00	36.83 2.67 0.00	41.15 2.74 -3.69	44.45 2.95 -4.16	52.16 4.58 -2.72	58.53 5.63 -1.21	55.30 5.48 -0.01	50.03 4.44 -2.45	44.53 3.33 0.00	42.14 3.23 0.00	40.54 3.07 0.00	39.55 3.03 0.00	40.54 3.45 0.00	43.76 3.80 -1.20	53.79 4.67 -6.24	63.19 6.00 -8.39	59.29 5.83 -7.90	51.30 4.98 -3.75	49.68 4.20 -7.26	45.22 3.69 -5.34	39.65 3.43 -2.22	38.84 3.21 -2.51
HOMER_HL_115KV_TB2 355744	36.29 0.78 0.00	34.61 0.65 0.00	34.59 0.58 0.00	35.16 0.99 0.00	36.00 1.28 0.00	38.87 1.53 0.00	46.38 1.53 0.00	52.20 0.52 0.00	49.90 0.10 0.00	43.01 -0.13 0.00	41.73 0.54 0.00	39.42 0.51 0.00	37.84 0.37 0.00	36.63 0.11 0.00	36.64 -0.45 0.00	37.48 -1.28 0.00	41.63 -1.24 0.00	47.98 -0.83 0.00	44.42 -1.14 0.00	40.95 -1.62 0.00	36.87 -1.34 0.00	34.96 -1.23 0.00	32.43 -1.56 0.00	32.16 -0.96 0.00
HOWARD_WT_PWR 323690	36.54 1.03 0.00	34.85 0.88 0.00	34.96 0.95 0.00	35.26 1.09 0.00	36.03 1.32 0.00	39.47 2.13 0.00	47.50 2.65 0.00	53.90 2.22 0.00	51.40 1.59 0.00	44.82 1.68 0.00	42.76 1.56 0.00	40.08 1.17 0.00	38.29 0.82 0.00	37.07 0.55 0.00	37.09 0.00 0.00	38.10 -0.66 0.00	42.06 -0.82 0.00	48.47 -0.34 0.00	44.65 -0.91 0.00	41.29 -1.28 0.00	37.18 -1.03 0.00	35.18 -1.01 0.00	33.01 -0.99 0.00	32.56 -0.56 0.00
HQ_GEN_CEDARS 23644	35.83 0.32 0.00	34.27 0.31 0.00	34.32 0.31 0.00	34.48 0.31 0.00	34.96 0.24 0.00	37.27 -0.07 0.00	44.28 -0.58 0.00	51.11 -0.57 0.00	49.36 -0.45 0.00	43.14 0.00 0.00	41.40 0.21 0.00	38.99 0.08 0.00	37.58 0.11 0.00	36.63 0.11 0.00	37.20 0.11 0.00	38.80 0.04 0.00	42.62 -0.26 0.00	48.03 -0.78 0.00	44.79 -0.77 0.00	42.18 -0.38 0.00	37.83 -0.38 0.00	35.75 -0.43 0.00	33.86 -0.14 0.00	33.05 -0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	35.51 0.00 0.00	34.27 0.30 0.00	34.32 0.31 0.00	34.44 0.27 0.00	34.96 0.24 0.00	37.43 -0.07 -0.16	44.11 -0.58 0.16	51.11 -0.57 0.00	49.31 -0.50 0.00	42.79 -0.35 0.00	41.36 0.17 0.00	38.99 0.08 0.00	37.58 0.11 0.00	36.63 0.11 0.00	37.20 0.11 0.00	38.80 0.04 0.00	42.75 -0.13 0.00	48.02 -0.78 0.00	44.79 -0.77 0.00	42.18 -0.38 0.00	37.83 -0.38 0.00	36.04 -0.14 0.00	33.83 -0.17 0.00	33.05 -0.07 0.00

HQ_GEN_IMPORT 323601	35.47 -0.04 0.00	34.00 0.03 0.00	34.04 0.03 0.00	34.20 0.03 0.00	34.71 0.00 0.00	38.88 -0.07 -1.62	42.75 -0.49 1.62	51.11 -0.57 0.00	49.31 -0.50 0.00	42.75 -0.39 0.00	41.23 0.04 0.00	38.91 0.00 0.00	37.47 0.00 0.00	36.52 0.00 0.00	37.09 0.00 0.00	38.76 0.00 0.00	42.75 -0.13 0.00	48.17 -0.64 0.00	44.57 -0.59 0.39	42.75 -0.21 -0.39	38.02 -0.19 0.00	36.04 -0.14 0.00	33.83 -0.17 0.00	32.99 -0.13 0.00
HQ_GEN_WHEEL 23651	35.47 -0.04 0.00	34.00 0.03 0.00	34.04 0.03 0.00	34.20 0.03 0.00	34.71 0.00 0.00	38.88 -0.07 -1.62	42.75 -0.49 1.62	51.11 -0.57 0.00	49.31 -0.50 0.00	42.75 -0.39 0.00	41.23 0.04 0.00	38.91 0.00 0.00	37.47 0.00 0.00	36.52 0.00 0.00	37.09 0.00 0.00	38.76 0.00 0.00	42.75 -0.13 0.00	48.17 -0.64 0.00	44.57 -0.59 0.39	42.75 -0.21 -0.39	38.02 -0.19 0.00	36.04 -0.14 0.00	33.83 -0.17 0.00	32.99 -0.13 0.00
HUDSON AVE_GT_3 23810	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.72 1.38 0.00	47.42 2.56 0.00	55.19 3.51 0.00	53.24 3.44 0.00	45.64 2.50 0.00	42.92 1.73 0.00	40.82 1.91 0.00	39.38 1.91 0.00	38.49 1.97 0.00	39.17 2.08 0.00	41.20 2.44 0.00	45.88 3.00 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.67 3.11 0.00	40.88 2.67 0.00	38.65 2.46 0.00	36.41 2.41 0.00	35.21 2.09 0.00
HUDSON AVE_GT_4 23540	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.72 1.38 0.00	47.42 2.56 0.00	55.19 3.51 0.00	53.24 3.44 0.00	45.64 2.50 0.00	42.92 1.73 0.00	40.82 1.91 0.00	39.38 1.91 0.00	38.49 1.97 0.00	39.17 2.08 0.00	41.20 2.44 0.00	45.88 3.00 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.67 3.11 0.00	40.88 2.67 0.00	38.65 2.46 0.00	36.41 2.41 0.00	35.21 2.09 0.00
HUDSON AVE_GT_5 23657	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.72 1.38 0.00	47.42 2.56 0.00	55.19 3.51 0.00	53.24 3.44 0.00	45.64 2.50 0.00	42.92 1.73 0.00	40.82 1.91 0.00	39.38 1.91 0.00	38.49 1.97 0.00	39.17 2.08 0.00	41.20 2.44 0.00	45.88 3.00 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.67 3.11 0.00	40.88 2.67 0.00	38.65 2.46 0.00	36.41 2.41 0.00	35.21 2.09 0.00
HUDSON_AVE_10 24168	36.82 1.31 0.00	35.36 1.39 0.00	35.24 1.22 0.00	35.43 1.26 0.00	35.93 1.22 0.00	38.65 1.31 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.19 3.39 0.00	45.60 2.46 0.00	42.88 1.69 0.00	40.82 1.91 0.00	39.38 1.91 0.00	38.45 1.94 0.00	39.13 2.04 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.67 3.11 0.00	40.88 2.67 0.00	38.61 2.42 0.00	36.41 2.41 0.00	35.17 2.05 0.00
HUDSON___115KV_TB 4 355613	36.64 1.14 0.00	35.05 1.09 0.00	35.10 1.09 0.00	35.19 1.03 0.00	35.79 1.08 0.00	38.61 1.27 0.00	46.92 2.06 0.00	53.95 2.27 0.00	51.94 2.14 0.00	44.56 1.42 0.00	42.14 0.95 0.00	39.77 0.86 0.00	38.26 0.79 0.00	37.32 0.80 0.00	38.05 0.96 0.00	39.92 1.16 0.00	44.34 1.46 0.00	50.95 2.15 0.00	47.52 1.96 0.00	44.18 1.62 0.00	39.55 1.34 0.00	37.53 1.34 0.00	35.32 1.33 0.00	34.41 1.29 0.00
HUNTER MOUNT___DRP 323613	36.82 1.31 0.00	35.19 1.22 0.00	35.27 1.26 0.00	35.33 1.16 0.00	35.96 1.25 0.00	38.80 1.46 0.00	47.19 2.33 0.00	54.06 2.38 0.00	52.04 2.24 0.00	44.61 1.47 0.00	42.14 0.95 0.00	39.69 0.78 0.00	38.14 0.67 0.00	37.18 0.66 0.00	37.94 0.85 0.00	39.80 1.05 0.00	44.21 1.33 0.00	50.86 2.05 0.00	47.38 1.82 0.00	44.06 1.49 0.00	39.39 1.18 0.00	37.42 1.23 0.00	35.25 1.26 0.00	34.41 1.29 0.00
HUNTINGTON_RES_REC 323705	43.08 2.34 -5.23	39.71 2.28 -3.47	36.09 2.07 0.00	36.29 2.12 0.00	40.59 2.19 -3.69	43.82 2.32 -4.16	51.08 3.50 -2.72	57.39 4.49 -1.21	54.20 4.38 -0.01	49.25 3.66 -2.45	43.87 2.68 0.00	41.59 2.68 0.00	40.02 2.55 0.00	39.04 2.52 0.00	39.98 2.89 0.00	43.17 3.22 -1.20	52.84 3.73 -6.24	62.05 4.88 -8.36	58.26 4.83 -7.87	50.32 4.00 -3.75	48.84 3.36 -7.26	44.60 3.07 -5.34	39.17 2.96 -2.22	38.31 2.68 -2.51
HUNTLEY___63 23557	35.12 -0.39 0.00	33.49 -0.48 0.00	33.50 -0.51 0.00	34.00 -0.17 0.00	34.85 0.14 0.00	37.64 0.30 0.00	44.54 -0.31 0.00	49.51 -2.17 0.00	47.56 -2.24 0.00	41.28 -1.85 0.00	40.28 -0.91 0.00	37.98 -0.93 0.00	36.46 -1.01 0.00	35.31 -1.21 0.00	35.42 -1.67 0.00	36.16 -2.60 0.00	40.13 -2.74 0.00	45.93 -2.88 0.00	42.60 -2.96 0.00	39.46 -3.11 0.00	35.65 -2.56 0.00	33.84 -2.35 0.00	31.28 -2.72 0.00	31.13 -1.99 0.00
HUNTLEY___64 23558	35.12 -0.39 0.00	33.49 -0.48 0.00	33.50 -0.51 0.00	34.00 -0.17 0.00	34.85 0.14 0.00	37.64 0.30 0.00	44.54 -0.31 0.00	49.51 -2.17 0.00	47.56 -2.24 0.00	41.28 -1.85 0.00	40.28 -0.91 0.00	37.98 -0.93 0.00	36.46 -1.01 0.00	35.31 -1.21 0.00	35.42 -1.67 0.00	36.16 -2.60 0.00	40.13 -2.74 0.00	45.93 -2.88 0.00	42.60 -2.96 0.00	39.46 -3.11 0.00	35.65 -2.56 0.00	33.84 -2.35 0.00	31.28 -2.72 0.00	31.13 -1.99 0.00
HUNTLEY___65 23559	35.12 -0.39 0.00	33.49 -0.48 0.00	33.50 -0.51 0.00	34.00 -0.17 0.00	34.85 0.14 0.00	37.64 0.30 0.00	44.54 -0.31 0.00	49.51 -2.17 0.00	47.56 -2.24 0.00	41.28 -1.85 0.00	40.28 -0.91 0.00	37.98 -0.93 0.00	36.46 -1.01 0.00	35.31 -1.21 0.00	35.42 -1.67 0.00	36.16 -2.60 0.00	40.13 -2.74 0.00	45.93 -2.88 0.00	42.60 -2.96 0.00	39.46 -3.11 0.00	35.65 -2.56 0.00	33.84 -2.35 0.00	31.28 -2.72 0.00	31.13 -1.99 0.00
HUNTLEY___66 23560	35.12 -0.39 0.00	33.49 -0.48 0.00	33.50 -0.51 0.00	34.00 -0.17 0.00	34.85 0.14 0.00	37.64 0.30 0.00	44.54 -0.31 0.00	49.51 -2.17 0.00	47.56 -2.24 0.00	41.28 -1.85 0.00	40.28 -0.91 0.00	37.98 -0.93 0.00	36.46 -1.01 0.00	35.31 -1.21 0.00	35.42 -1.67 0.00	36.16 -2.60 0.00	40.13 -2.74 0.00	45.93 -2.88 0.00	42.60 -2.96 0.00	39.46 -3.11 0.00	35.65 -2.56 0.00	33.84 -2.35 0.00	31.28 -2.72 0.00	31.13 -1.99 0.00
HUNTLEY___67 23561	34.94 -0.57 0.00	33.28 -0.68 0.00	33.33 -0.68 0.00	33.83 -0.34 0.00	34.65 -0.07 0.00	37.42 0.07 0.00	44.28 -0.58 0.00	49.25 -2.43 0.00	47.26 -2.54 0.00	40.98 -2.16 0.00	40.00 -1.19 0.00	37.74 -1.17 0.00	36.23 -1.24 0.00	35.09 -1.42 0.00	35.23 -1.85 0.00	36.00 -2.75 0.00	39.96 -2.92 0.00	45.73 -3.07 0.00	42.42 -3.14 0.00	39.29 -3.28 0.00	35.50 -2.71 0.00	33.69 -2.50 0.00	31.17 -2.82 0.00	31.03 -2.09 0.00
HUNTLEY___68 23562	34.94 -0.57 0.00	33.28 -0.68 0.00	33.33 -0.68 0.00	33.83 -0.34 0.00	34.65 -0.07 0.00	37.42 0.07 0.00	44.28 -0.58 0.00	49.25 -2.43 0.00	47.26 -2.54 0.00	40.98 -2.16 0.00	40.00 -1.19 0.00	37.74 -1.17 0.00	36.23 -1.24 0.00	35.09 -1.42 0.00	35.23 -1.85 0.00	36.00 -2.75 0.00	39.96 -2.92 0.00	45.73 -3.07 0.00	42.42 -3.14 0.00	39.29 -3.28 0.00	35.50 -2.71 0.00	33.69 -2.50 0.00	31.17 -2.82 0.00	31.03 -2.09 0.00

HYLAND___LFGE 323620	37.21 1.70 0.00	35.32 1.36 0.00	35.41 1.39 0.00	35.60 1.43 0.00	36.31 1.60 0.00	39.84 2.50 0.00	48.23 3.37 0.00	54.68 3.00 0.00	52.34 2.54 0.00	45.73 2.59 0.00	43.50 2.31 0.00	40.66 1.75 0.00	38.82 1.35 0.00	37.69 1.17 0.00	37.94 0.85 0.00	39.14 0.39 0.00	43.61 0.73 0.00	50.42 1.61 0.00	46.70 1.14 0.00	43.04 0.47 0.00	38.74 0.53 0.00	36.51 0.32 0.00	34.13 0.14 0.00	33.48 0.36 0.00
INDECK___CORINTH 23802	37.32 1.81 0.00	35.63 1.66 0.00	35.85 1.84 0.00	36.01 1.84 0.00	36.66 1.94 0.00	39.51 2.17 0.00	46.66 1.80 0.00	53.49 1.81 0.00	51.30 1.49 0.00	44.26 1.12 0.00	41.89 0.70 0.00	39.53 0.62 0.00	38.07 0.60 0.00	37.07 0.55 0.00	37.79 0.70 0.00	39.68 0.93 0.00	43.95 1.07 0.00	50.51 1.71 0.00	47.16 1.59 0.00	44.02 1.45 0.00	40.69 2.48 0.00	38.58 2.39 0.00	36.04 2.04 0.00	35.04 1.92 0.00
INDECK___ILION 23567	36.11 0.60 0.00	34.51 0.54 0.00	34.59 0.58 0.00	34.75 0.58 0.00	35.34 0.62 0.00	38.09 0.75 0.00	45.89 1.03 0.00	53.02 1.34 0.00	51.10 1.29 0.00	44.13 0.99 0.00	41.93 0.74 0.00	39.73 0.82 0.00	38.26 0.79 0.00	37.25 0.73 0.00	37.79 0.70 0.00	39.42 0.66 0.00	43.69 0.81 0.00	49.64 0.83 0.00	46.34 0.77 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.77 0.58 0.00	34.54 0.54 0.00	33.62 0.50 0.00
INDECK___OLEAN 23982	36.40 0.89 0.00	34.61 0.64 0.00	34.59 0.58 0.00	34.89 0.72 0.00	35.58 0.87 0.00	38.98 1.64 0.00	46.70 1.84 0.00	52.77 1.09 0.00	50.15 0.35 0.00	43.87 0.73 0.00	41.85 0.66 0.00	39.46 0.54 0.00	37.88 0.41 0.00	36.74 0.22 0.00	36.64 -0.44 0.00	37.48 -1.28 0.00	41.55 -1.33 0.00	48.22 -0.58 0.00	44.43 -1.14 0.00	40.95 -1.62 0.00	36.91 -1.30 0.00	34.92 -1.27 0.00	32.77 -1.22 0.00	32.56 -0.56 0.00
INDECK___OSWEGO 23783	34.51 -0.99 0.00	32.98 -0.99 0.00	33.02 -0.99 0.00	33.18 -0.99 0.00	33.71 -1.01 0.00	36.37 -0.97 0.00	43.87 -0.99 0.00	50.44 -1.24 0.00	48.56 -1.24 0.00	42.10 -1.04 0.00	40.12 -1.07 0.00	37.86 -1.05 0.00	36.42 -1.05 0.00	35.50 -1.02 0.00	36.01 -1.08 0.00	37.55 -1.20 0.00	41.63 -1.24 0.00	47.59 -1.22 0.00	44.38 -1.18 0.00	41.29 -1.28 0.00	37.10 -1.11 0.00	35.10 -1.08 0.00	32.98 -1.02 0.00	32.13 -0.99 0.00
INDECK___YERKES 23781	35.26 -0.25 0.00	33.52 -0.44 0.00	33.57 -0.44 0.00	33.72 -0.45 0.00	34.40 -0.31 0.00	37.79 0.45 0.00	44.99 0.13 0.00	50.39 -1.29 0.00	48.01 -1.79 0.00	42.23 -0.91 0.00	40.45 -0.74 0.00	38.13 -0.78 0.00	36.53 -0.94 0.00	35.46 -1.06 0.00	35.46 -1.63 0.00	36.24 -2.52 0.00	40.18 -2.70 0.00	46.27 -2.54 0.00	42.65 -2.92 0.00	39.50 -3.07 0.00	35.69 -2.52 0.00	33.87 -2.32 0.00	31.86 -2.14 0.00	31.70 -1.42 0.00
INDIAN POINT_GT_1 24139	36.75 1.24 0.00	35.25 1.29 0.00	35.17 1.16 0.00	35.36 1.20 0.00	35.86 1.15 0.00	38.54 1.19 0.00	47.10 2.24 0.00	54.68 3.00 0.00	52.74 2.94 0.00	45.21 2.07 0.00	42.63 1.44 0.00	40.47 1.56 0.00	39.04 1.57 0.00	38.09 1.57 0.00	38.76 1.67 0.00	40.73 1.98 0.00	45.32 2.44 0.00	52.08 3.27 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.43 2.22 0.00	38.25 2.06 0.00	36.00 2.01 0.00	34.88 1.76 0.00
INDIAN POINT_GT_2 23659	36.75 1.24 0.00	35.25 1.29 0.00	35.17 1.16 0.00	35.36 1.20 0.00	35.86 1.15 0.00	38.54 1.19 0.00	47.10 2.24 0.00	54.68 3.00 0.00	52.74 2.94 0.00	45.21 2.07 0.00	42.63 1.44 0.00	40.47 1.56 0.00	39.04 1.57 0.00	38.09 1.57 0.00	38.76 1.67 0.00	40.73 1.98 0.00	45.32 2.44 0.00	52.08 3.27 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.43 2.22 0.00	38.25 2.06 0.00	36.00 2.01 0.00	34.88 1.76 0.00
INDIAN POINT_GT_3 24019	36.75 1.24 0.00	35.25 1.29 0.00	35.17 1.16 0.00	35.36 1.20 0.00	35.86 1.15 0.00	38.54 1.19 0.00	47.10 2.24 0.00	54.68 3.00 0.00	52.74 2.94 0.00	45.21 2.07 0.00	42.63 1.44 0.00	40.47 1.56 0.00	39.04 1.57 0.00	38.09 1.57 0.00	38.76 1.67 0.00	40.73 1.98 0.00	45.32 2.44 0.00	52.08 3.27 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.43 2.22 0.00	38.25 2.06 0.00	36.00 2.01 0.00	34.88 1.76 0.00
INDIAN POINT___2 23530	36.75 1.24 0.00	35.18 1.22 0.00	35.10 1.09 0.00	35.26 1.09 0.00	35.79 1.08 0.00	38.46 1.12 0.00	47.01 2.15 0.00	54.52 2.84 0.00	52.64 2.84 0.00	45.42 2.28 0.00	42.59 1.40 0.00	40.43 1.52 0.00	39.01 1.54 0.00	38.05 1.53 0.00	38.76 1.67 0.00	40.73 1.98 0.00	45.15 2.27 0.00	52.03 3.22 0.00	48.80 3.24 0.00	45.12 2.55 0.00	40.35 2.14 0.00	38.11 1.92 0.00	35.83 1.83 0.00	34.74 1.62 0.00
INDIAN POINT___3 23531	36.72 1.21 0.00	35.19 1.22 0.00	35.13 1.12 0.00	35.33 1.16 0.00	35.83 1.11 0.00	38.50 1.16 0.00	47.06 2.20 0.00	54.63 2.95 0.00	52.69 2.89 0.00	45.17 2.03 0.00	42.59 1.40 0.00	40.43 1.52 0.00	39.01 1.54 0.00	38.05 1.53 0.00	38.72 1.63 0.00	40.69 1.94 0.00	45.28 2.40 0.00	52.03 3.22 0.00	48.75 3.19 0.00	45.08 2.51 0.00	40.39 2.18 0.00	38.22 2.03 0.00	35.97 1.97 0.00	34.84 1.72 0.00
INGHAM_C_115KV_TB7 356103	36.43 0.92 0.00	34.88 0.92 0.00	34.96 0.95 0.00	35.12 0.96 0.00	35.72 1.01 0.00	38.54 1.19 0.00	46.43 1.57 0.00	53.64 1.96 0.00	51.75 1.94 0.00	44.69 1.55 0.00	42.51 1.32 0.00	40.23 1.32 0.00	38.74 1.27 0.00	37.72 1.21 0.00	38.16 1.08 0.00	39.69 0.93 0.00	43.86 0.99 0.00	49.64 0.83 0.00	46.34 0.77 0.00	43.29 0.72 0.00	38.78 0.57 0.00	36.84 0.65 0.00	34.64 0.65 0.00	33.75 0.63 0.00
IP CORINTH___1 23988	37.28 1.78 0.00	35.63 1.66 0.00	35.85 1.84 0.00	35.98 1.81 0.00	36.62 1.91 0.00	39.51 2.17 0.00	48.22 3.36 0.00	55.35 3.67 0.00	53.09 3.29 0.00	45.64 2.50 0.00	43.29 2.10 0.00	40.82 1.91 0.00	39.31 1.84 0.00	38.31 1.79 0.00	39.02 1.93 0.00	40.93 2.17 0.00	45.49 2.62 0.00	52.22 3.42 0.00	48.71 3.14 0.00	45.38 2.81 0.00	40.69 2.48 0.00	38.61 2.42 0.00	36.07 2.07 0.00	35.07 1.95 0.00
IP___TICONDEROGA 23804	38.53 3.02 0.00	36.78 2.82 0.00	36.97 2.96 0.00	37.07 2.90 0.00	37.80 3.09 0.00	40.89 3.55 0.00	50.20 5.34 0.00	57.57 5.89 0.00	55.18 5.38 0.00	47.37 4.23 0.00	44.90 3.71 0.00	42.26 3.35 0.00	40.62 3.15 0.00	39.55 3.03 0.00	40.35 3.26 0.00	42.40 3.64 0.00	47.08 4.20 0.00	54.22 5.42 0.00	50.53 4.97 0.00	47.12 4.55 0.00	42.22 4.01 0.00	40.10 3.91 0.00	37.29 3.30 0.00	36.30 3.18 0.00
ISLIP_RES_REC 323679	43.79 3.05 -5.23	40.43 2.99 -3.47	36.76 2.75 0.00	36.97 2.80 0.00	41.28 2.88 -3.69	44.64 3.14 -4.16	52.42 4.85 -2.72	58.83 5.94 -1.21	55.59 5.77 -0.01	50.29 4.70 -2.45	44.77 3.58 0.00	42.37 3.46 0.00	40.73 3.26 0.00	39.73 3.21 0.00	40.76 3.67 0.00	43.99 4.03 -1.20	54.08 4.97 -6.24	63.53 6.34 -8.38	59.61 6.15 -7.90	51.55 5.23 -3.75	49.87 4.39 -7.26	45.40 3.87 -5.34	39.82 3.60 -2.22	38.97 3.34 -2.51

JAMAICA__27_KV_LOAD 355505	37.04 1.53 0.00	35.56 1.60 0.00	35.41 1.39 0.00	35.60 1.44 0.00	36.14 1.42 0.00	38.91 1.57 0.00	47.82 2.96 0.00	55.71 4.03 0.00	53.74 3.93 0.00	46.07 2.93 0.00	43.29 2.10 0.00	41.21 2.30 0.00	39.76 2.29 0.00	38.82 2.30 0.00	39.50 2.41 0.00	41.62 2.87 0.00	46.39 3.52 0.00	53.25 4.44 0.00	50.07 4.51 0.00	46.23 3.66 0.00	41.34 3.13 0.00	39.05 2.86 0.00	36.75 2.75 0.00	35.47 2.35 0.00
JANIS__SOLAR 323808	37.71 2.20 0.00	35.93 1.97 0.00	35.95 1.94 0.00	36.15 1.98 0.00	36.76 2.05 0.00	39.99 2.65 0.00	48.58 3.72 0.00	55.86 4.18 0.00	53.59 3.78 0.00	46.38 3.24 0.00	44.03 2.84 0.00	41.25 2.33 0.00	39.57 2.10 0.00	38.49 1.97 0.00	39.02 1.93 0.00	40.73 1.98 0.00	45.36 2.49 0.00	52.13 3.32 0.00	48.39 2.83 0.00	44.91 2.34 0.00	40.20 1.99 0.00	37.89 1.70 0.00	35.32 1.32 0.00	34.41 1.29 0.00
JARVIS____ 23743	35.72 0.21 0.00	34.13 0.17 0.00	34.18 0.17 0.00	34.34 0.17 0.00	34.89 0.17 0.00	37.57 0.23 0.00	45.26 0.40 0.00	52.25 0.57 0.00	50.35 0.55 0.00	43.57 0.43 0.00	41.40 0.21 0.00	39.15 0.23 0.00	37.73 0.26 0.00	36.78 0.26 0.00	37.35 0.26 0.00	39.03 0.27 0.00	43.22 0.34 0.00	49.34 0.54 0.00	46.06 0.50 0.00	42.99 0.43 0.00	38.55 0.34 0.00	36.51 0.32 0.00	34.30 0.31 0.00	33.38 0.26 0.00
JENNISON____1 23625	37.96 2.45 0.00	36.21 2.24 0.00	36.22 2.21 0.00	36.49 2.32 0.00	37.11 2.40 0.00	40.22 2.88 0.00	48.85 3.99 0.00	56.18 4.50 0.00	53.99 4.18 0.00	46.46 3.32 0.00	44.36 3.17 0.00	41.64 2.72 0.00	40.02 2.55 0.00	38.93 2.41 0.00	39.46 2.37 0.00	41.08 2.33 0.00	45.88 3.00 0.00	52.47 3.66 0.00	48.84 3.28 0.00	45.42 2.85 0.00	40.58 2.37 0.00	38.29 2.10 0.00	35.66 1.67 0.00	34.74 1.62 0.00
JENNISON____2 23626	37.96 2.45 0.00	36.21 2.24 0.00	36.22 2.21 0.00	36.49 2.32 0.00	37.11 2.40 0.00	40.22 2.88 0.00	48.85 3.99 0.00	56.18 4.50 0.00	53.99 4.18 0.00	46.46 3.32 0.00	44.36 3.17 0.00	41.64 2.72 0.00	40.02 2.55 0.00	38.93 2.41 0.00	39.46 2.37 0.00	41.08 2.33 0.00	45.88 3.00 0.00	52.47 3.66 0.00	48.84 3.28 0.00	45.42 2.85 0.00	40.58 2.37 0.00	38.29 2.10 0.00	35.66 1.67 0.00	34.74 1.62 0.00
JERICOHO_RISE_WT_PWR 323719	36.33 0.82 0.00	34.78 0.81 0.00	34.83 0.81 0.00	34.95 0.79 0.00	35.41 0.69 0.00	37.64 0.30 0.00	44.86 0.00 0.00	52.04 0.36 0.00	50.40 0.60 0.00	43.92 0.78 0.00	42.55 1.36 0.00	40.08 1.17 0.00	38.63 1.16 0.00	37.65 1.13 0.00	38.20 1.11 0.00	39.76 1.01 0.00	43.56 0.68 0.00	48.61 -0.19 0.00	44.97 -0.59 0.00	41.93 -0.64 0.00	37.48 -0.73 0.00	35.50 -0.69 0.00	33.25 -0.75 0.00	32.69 -0.43 0.00
KATONAH__115KV_46KV_TB4 355592	37.07 1.56 0.00	35.53 1.56 0.00	35.47 1.46 0.00	35.67 1.50 0.00	36.10 1.39 0.00	38.80 1.46 0.00	47.42 2.56 0.00	55.04 3.36 0.00	53.29 3.49 0.00	45.60 2.46 0.00	42.96 1.77 0.00	40.74 1.83 0.00	39.27 1.80 0.00	38.31 1.79 0.00	39.02 1.93 0.00	41.00 2.25 0.00	45.62 2.74 0.00	52.52 3.71 0.00	49.16 3.60 0.00	45.38 2.81 0.00	40.65 2.45 0.00	38.51 2.32 0.00	36.21 2.21 0.00	35.07 1.95 0.00
KCE_NY_1 323755	37.18 1.67 0.00	35.53 1.56 0.00	35.64 1.63 0.00	35.77 1.61 0.00	36.42 1.70 0.00	39.17 1.83 0.00	47.23 2.38 0.00	54.37 2.69 0.00	52.29 2.49 0.00	45.12 1.99 0.00	42.72 1.52 0.00	40.35 1.44 0.00	38.86 1.39 0.00	37.87 1.35 0.00	38.53 1.45 0.00	40.42 1.67 0.00	44.81 1.93 0.00	51.44 2.63 0.00	48.07 2.50 0.00	44.74 2.17 0.00	40.42 2.22 0.00	38.32 2.13 0.00	35.90 1.90 0.00	34.94 1.82 0.00
KCE_NY_6_ESR 323823	35.65 0.14 0.00	33.90 -0.07 0.00	33.94 -0.07 0.00	34.17 0.00 0.00	34.82 0.10 0.00	38.24 0.89 0.00	45.62 0.76 0.00	51.21 -0.47 0.00	48.76 -1.05 0.00	42.79 -0.35 0.00	40.99 -0.20 0.00	38.60 -0.31 0.00	36.98 -0.49 0.00	35.90 -0.62 0.00	35.90 -1.19 0.00	36.70 -2.06 0.00	40.69 -2.19 0.00	46.90 -1.90 0.00	43.24 -2.32 0.00	40.01 -2.55 0.00	36.11 -2.10 0.00	34.27 -1.92 0.00	32.23 -1.77 0.00	32.03 -1.09 0.00
KEDC PORT_JEFF_GT2 24210	43.61 2.87 -5.23	40.22 2.79 -3.47	36.59 2.58 0.00	36.76 2.60 0.00	41.11 2.71 -3.69	44.42 2.91 -4.16	52.06 4.49 -2.72	58.43 5.53 -1.21	55.20 5.38 -0.01	49.99 4.40 -2.45	44.49 3.30 0.00	42.10 3.19 0.00	40.50 3.03 0.00	39.51 3.00 0.00	40.50 3.41 0.00	43.72 3.76 -1.20	53.75 4.63 -6.24	62.95 5.76 -8.39	59.07 5.60 -7.90	51.21 4.89 -3.75	49.60 4.13 -7.26	45.18 3.65 -5.34	39.62 3.40 -2.22	38.78 3.15 -2.51
KEDC PORT_JEFF_GT3 24211	43.61 2.87 -5.23	40.22 2.79 -3.47	36.59 2.58 0.00	36.76 2.60 0.00	41.11 2.71 -3.69	44.42 2.91 -4.16	52.06 4.49 -2.72	58.43 5.53 -1.21	55.20 5.38 -0.01	49.99 4.40 -2.45	44.49 3.30 0.00	42.10 3.19 0.00	40.50 3.03 0.00	39.51 3.00 0.00	40.50 3.41 0.00	43.72 3.76 -1.20	53.75 4.63 -6.24	62.95 5.76 -8.39	59.07 5.60 -7.90	51.21 4.89 -3.75	49.60 4.13 -7.26	45.18 3.65 -5.34	39.62 3.40 -2.22	38.78 3.15 -2.51
KEDC_GLWD_GT4 24219	42.87 2.13 -5.23	39.51 2.07 -3.47	35.91 1.90 0.00	36.11 1.95 0.00	40.38 1.98 -3.69	43.63 2.13 -4.16	50.99 3.41 -2.72	57.18 4.29 -1.21	54.05 4.23 -0.01	49.12 3.54 -2.45	43.75 2.55 0.00	41.52 2.61 0.00	39.98 2.51 0.00	39.00 2.48 0.00	39.83 2.74 0.00	43.06 3.10 -1.20	52.37 3.26 -6.24	61.48 4.30 -8.37	57.73 4.28 -7.89	49.81 3.49 -3.75	48.57 3.09 -7.26	44.50 2.97 -5.34	39.00 2.79 -2.22	38.18 2.55 -2.51
KEDC_GLWD_GT5 24220	42.87 2.13 -5.23	39.51 2.07 -3.47	35.91 1.90 0.00	36.11 1.95 0.00	40.38 1.98 -3.69	43.63 2.13 -4.16	50.99 3.41 -2.72	57.18 4.29 -1.21	54.05 4.23 -0.01	49.12 3.54 -2.45	43.75 2.55 0.00	41.52 2.61 0.00	39.98 2.51 0.00	39.00 2.48 0.00	39.83 2.74 0.00	43.06 3.10 -1.20	52.37 3.26 -6.24	61.48 4.30 -8.37	57.73 4.28 -7.89	49.81 3.49 -3.75	48.57 3.09 -7.26	44.50 2.97 -5.34	39.00 2.79 -2.22	38.18 2.55 -2.51
KENSICO____ 23655	36.82 1.31 0.00	35.32 1.36 0.00	35.24 1.22 0.00	35.43 1.26 0.00	35.93 1.22 0.00	38.65 1.31 0.00	47.24 2.38 0.00	54.83 3.15 0.00	52.89 3.09 0.00	45.34 2.20 0.00	42.76 1.57 0.00	40.58 1.67 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.91 1.82 0.00	40.89 2.13 0.00	45.49 2.62 0.00	52.22 3.42 0.00	48.98 3.42 0.00	45.29 2.72 0.00	40.54 2.33 0.00	38.36 2.17 0.00	36.14 2.14 0.00	35.01 1.89 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.25 1.74 0.00	35.66 1.70 0.00	35.61 1.60 0.00	35.77 1.61 0.00	36.31 1.60 0.00	39.10 1.76 0.00	47.77 2.92 0.00	55.14 3.46 0.00	53.29 3.49 0.00	45.55 2.42 0.00	42.80 1.61 0.00	40.51 1.60 0.00	39.01 1.54 0.00	38.02 1.50 0.00	38.76 1.67 0.00	40.66 1.90 0.00	45.32 2.44 0.00	52.27 3.47 0.00	48.84 3.28 0.00	45.08 2.51 0.00	40.27 2.06 0.00	38.11 1.92 0.00	35.97 1.97 0.00	34.94 1.82 0.00

KIAC_JFK_GT1 23816	36.93 1.42 0.00	35.46 1.49 0.00	35.34 1.33 0.00	35.50 1.33 0.00	36.03 1.32 0.00	38.80 1.46 0.00	47.64 2.78 0.00	55.56 3.88 0.00	53.59 3.79 0.00	45.94 2.80 0.00	43.17 1.98 0.00	41.09 2.18 0.00	39.64 2.17 0.00	38.71 2.19 0.00	39.39 2.30 0.00	41.51 2.75 0.00	46.22 3.34 0.00	53.10 4.29 0.00	49.89 4.33 0.00	46.06 3.49 0.00	41.23 3.02 0.00	38.90 2.71 0.00	36.61 2.62 0.00	35.34 2.22 0.00
KIAC_JFK_GT2 23817	36.93 1.42 0.00	35.46 1.49 0.00	35.34 1.33 0.00	35.50 1.33 0.00	36.03 1.32 0.00	38.80 1.46 0.00	47.64 2.78 0.00	55.56 3.88 0.00	53.59 3.79 0.00	45.94 2.80 0.00	43.17 1.98 0.00	41.09 2.18 0.00	39.64 2.17 0.00	38.71 2.19 0.00	39.39 2.30 0.00	41.51 2.75 0.00	46.22 3.34 0.00	53.10 4.29 0.00	49.89 4.33 0.00	46.06 3.49 0.00	41.23 3.02 0.00	38.90 2.71 0.00	36.61 2.62 0.00	35.34 2.22 0.00
KIAC_JFK____ 323774	37.00 1.49 0.00	35.46 1.49 0.00	35.34 1.33 0.00	35.47 1.30 0.00	36.03 1.32 0.00	38.80 1.45 0.00	47.64 2.78 0.00	55.45 3.77 0.00	53.54 3.74 0.00	46.29 3.15 0.00	43.21 2.02 0.00	41.17 2.26 0.00	39.72 2.25 0.00	38.75 2.23 0.00	39.50 2.41 0.00	41.58 2.83 0.00	46.14 3.26 0.00	53.10 4.30 0.00	49.98 4.42 0.00	46.18 3.62 0.00	41.23 3.02 0.00	38.83 2.64 0.00	36.51 2.52 0.00	35.27 2.15 0.00
KINTIGH____ 23543	34.44 -1.07 0.00	32.84 -1.12 0.00	32.92 -1.09 0.00	33.31 -0.85 0.00	34.06 -0.66 0.00	36.82 -0.52 0.00	43.69 -1.17 0.00	48.79 -2.89 0.00	46.91 -2.89 0.00	40.68 -2.46 0.00	39.63 -1.57 0.00	37.36 -1.56 0.00	35.86 -1.61 0.00	34.77 -1.75 0.00	35.01 -2.08 0.00	35.93 -2.83 0.00	39.92 -2.96 0.00	45.63 -3.17 0.00	42.42 -3.14 0.00	39.29 -3.28 0.00	35.46 -2.75 0.00	33.62 -2.57 0.00	31.17 -2.82 0.00	30.90 -2.22 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.18 1.67 0.00	35.46 1.49 0.00	35.54 1.53 0.00	35.67 1.50 0.00	36.10 1.39 0.00	38.28 0.93 0.00	45.71 0.85 0.00	53.08 1.40 0.00	51.40 1.59 0.00	45.08 1.94 0.00	43.41 2.22 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.31 1.79 0.00	38.87 1.78 0.00	40.42 1.67 0.00	44.16 1.29 0.00	49.54 0.73 0.00	45.84 0.27 0.00	42.61 0.04 0.00	38.02 -0.19 0.00	35.86 -0.33 0.00	33.69 -0.31 0.00	33.29 0.17 0.00
LACHUTE____HYDRO 323717	38.56 3.05 0.00	36.78 2.82 0.00	36.97 2.96 0.00	37.11 2.94 0.00	37.84 3.13 0.00	40.89 3.55 0.00	49.03 4.17 0.00	56.23 4.55 0.00	53.89 4.08 0.00	46.42 3.28 0.00	43.87 2.68 0.00	41.29 2.37 0.00	39.72 2.25 0.00	38.64 2.12 0.00	39.46 2.38 0.00	41.47 2.71 0.00	45.92 3.04 0.00	52.95 4.15 0.00	49.39 3.83 0.00	46.10 3.53 0.00	42.22 4.01 0.00	40.06 3.87 0.00	37.26 3.26 0.00	36.27 3.15 0.00
LAWRNCALV_115KV_TB1 80681	35.26 -0.25 0.00	33.69 -0.27 0.00	33.74 -0.27 0.00	33.89 -0.27 0.00	34.37 -0.35 0.00	36.67 -0.67 0.00	43.60 -1.26 0.00	50.44 -1.24 0.00	48.71 -1.10 0.00	42.58 -0.56 0.00	40.86 -0.33 0.00	38.48 -0.43 0.00	37.10 -0.37 0.00	36.15 -0.37 0.00	36.72 -0.37 0.00	38.29 -0.47 0.00	42.06 -0.81 0.00	47.34 -1.46 0.00	44.15 -1.41 0.00	41.55 -1.02 0.00	37.22 -0.99 0.00	35.14 -1.05 0.00	33.25 -0.75 0.00	32.46 -0.66 0.00
LEDERLE____ 23769	36.79 1.28 0.00	35.25 1.29 0.00	35.20 1.19 0.00	35.40 1.23 0.00	35.90 1.18 0.00	38.61 1.27 0.00	47.19 2.33 0.00	54.78 3.10 0.00	52.79 2.99 0.00	45.25 2.11 0.00	42.63 1.44 0.00	40.47 1.56 0.00	39.01 1.54 0.00	38.09 1.57 0.00	38.76 1.67 0.00	40.69 1.94 0.00	45.32 2.44 0.00	52.13 3.32 0.00	48.80 3.23 0.00	45.12 2.55 0.00	40.39 2.18 0.00	38.22 2.03 0.00	36.00 2.01 0.00	34.88 1.76 0.00
LIGHTHSE_115KV_TB6 355974	34.94 -0.57 0.00	33.32 -0.65 0.00	33.36 -0.65 0.00	33.55 -0.62 0.00	34.12 -0.59 0.00	36.78 -0.56 0.00	44.32 -0.54 0.00	50.96 -0.72 0.00	49.11 -0.70 0.00	42.41 -0.73 0.00	40.61 -0.58 0.00	38.33 -0.58 0.00	36.83 -0.64 0.00	35.90 -0.62 0.00	36.42 -0.67 0.00	37.98 -0.78 0.00	42.11 -0.77 0.00	48.07 -0.73 0.00	44.83 -0.73 0.00	41.76 -0.81 0.00	37.52 -0.69 0.00	35.54 -0.65 0.00	33.21 -0.78 0.00	32.39 -0.73 0.00
LINDEN COGEN____ 23786	36.68 1.17 0.00	35.15 1.19 0.00	35.03 1.02 0.00	35.19 1.02 0.00	35.72 1.01 0.00	38.39 1.04 0.00	47.06 2.20 0.00	54.73 3.05 0.00	52.79 2.99 0.00	45.64 2.50 0.00	42.63 1.44 0.00	40.58 1.67 0.00	39.19 1.72 0.00	38.23 1.72 0.00	38.98 1.89 0.00	41.00 2.25 0.00	45.45 2.57 0.00	50.11 3.42 2.11	49.21 3.65 0.00	40.34 2.85 5.08	40.66 2.45 0.00	38.32 2.13 0.00	36.07 2.07 0.00	34.91 1.79 0.00
LINDHRST_69_KV_BK1 356055	43.29 2.56 -5.23	39.99 2.55 -3.47	36.43 2.41 0.00	36.63 2.46 0.00	40.87 2.46 -3.69	44.15 2.65 -4.16	51.71 4.13 -2.72	58.11 5.22 -1.21	54.80 4.98 -0.01	49.38 3.80 -2.45	44.16 2.97 0.00	41.83 2.92 0.00	40.17 2.70 0.00	39.29 2.78 0.00	40.13 3.04 0.00	43.45 3.49 -1.20	53.44 4.33 -6.24	62.65 5.47 -8.37	58.78 5.33 -7.89	50.75 4.43 -3.75	49.29 3.82 -7.26	45.04 3.51 -5.34	39.55 3.33 -2.22	38.67 3.05 -2.51
LIPA_MISC_IPP 23656	43.61 2.88 -5.23	40.29 2.85 -3.47	36.70 2.69 0.00	36.94 2.77 0.00	41.18 2.78 -3.69	44.49 2.99 -4.16	52.20 4.62 -2.72	58.68 5.79 -1.21	55.30 5.48 -0.01	49.68 4.10 -2.45	44.40 3.21 0.00	42.10 3.19 0.00	40.39 2.92 0.00	39.55 3.03 0.00	40.43 3.34 0.00	43.72 3.76 -1.20	53.92 4.80 -6.24	63.29 6.10 -8.38	59.34 5.88 -7.90	51.21 4.90 -3.75	49.71 4.24 -7.26	45.33 3.80 -5.34	39.82 3.60 -2.22	38.94 3.31 -2.51
LISF____SOLAR 323691	43.75 3.02 -5.23	40.36 2.92 -3.47	36.70 2.69 0.00	36.90 2.73 0.00	41.25 2.85 -3.69	44.56 3.06 -4.16	52.29 4.71 -2.72	58.73 5.84 -1.21	55.44 5.63 -0.01	50.11 4.53 -2.45	44.61 3.42 0.00	42.26 3.35 0.00	40.62 3.15 0.00	39.62 3.10 0.00	40.65 3.56 0.00	43.87 3.91 -1.20	53.96 4.84 -6.24	63.44 6.25 -8.38	59.52 6.06 -7.90	51.47 5.15 -3.75	49.83 4.35 -7.26	45.33 3.80 -5.34	39.79 3.57 -2.22	38.94 3.31 -2.51
LITTLE FALLS____HYD 24013	36.43 0.92 0.00	34.88 0.92 0.00	34.96 0.95 0.00	35.12 0.96 0.00	35.72 1.01 0.00	38.54 1.19 0.00	46.43 1.57 0.00	53.64 1.96 0.00	51.75 1.94 0.00	44.69 1.55 0.00	42.51 1.32 0.00	40.23 1.32 0.00	38.74 1.27 0.00	37.72 1.21 0.00	38.16 1.08 0.00	39.69 0.93 0.00	43.86 0.99 0.00	49.64 0.83 0.00	46.34 0.77 0.00	43.29 0.72 0.00	38.78 0.57 0.00	36.84 0.65 0.00	34.64 0.65 0.00	33.75 0.63 0.00
LITTLRIV_115KV_TB1 356100	35.72 0.21 0.00	34.10 0.14 0.00	34.15 0.14 0.00	34.30 0.14 0.00	34.78 0.07 0.00	37.19 -0.15 0.00	44.28 -0.58 0.00	51.27 -0.41 0.00	49.50 -0.30 0.00	43.27 0.13 0.00	41.52 0.33 0.00	39.07 0.16 0.00	37.69 0.22 0.00	36.74 0.22 0.00	37.27 0.19 0.00	38.83 0.08 0.00	42.66 -0.21 0.00	47.93 -0.88 0.00	44.65 -0.91 0.00	42.10 -0.47 0.00	37.67 -0.53 0.00	35.54 -0.65 0.00	33.59 -0.41 0.00	32.76 -0.36 0.00

LI_NEWBRDGE___DRP 323616	42.58 1.85 -5.23	39.31 1.87 -3.47	35.71 1.70 0.00	35.94 1.78 0.00	40.14 1.74 -3.69	43.37 1.87 -4.16	50.63 3.05 -2.72	56.82 3.93 -1.21	53.65 3.83 -0.01	48.43 2.85 -2.45	43.29 2.10 0.00	41.05 2.14 0.00	39.49 2.02 0.00	38.64 2.12 0.00	39.39 2.30 0.00	42.63 2.67 -1.20	52.37 3.26 -6.24	61.33 4.15 -8.37	57.55 4.10 -7.89	49.64 3.32 -3.75	48.38 2.90 -7.26	44.24 2.71 -5.34	38.83 2.62 -2.22	37.98 2.35 -2.51
LOCKPORT_115KV_TB60_63_64 80432	34.76 -0.75 0.00	33.11 -0.85 0.00	33.16 -0.85 0.00	33.66 -0.51 0.00	34.47 -0.24 0.00	37.27 -0.07 0.00	44.10 -0.76 0.00	48.94 -2.74 0.00	47.01 -2.79 0.00	40.81 -2.33 0.00	39.87 -1.32 0.00	37.59 -1.32 0.00	36.05 -1.42 0.00	34.91 -1.61 0.00	35.09 -2.00 0.00	35.85 -2.91 0.00	39.79 -3.09 0.00	45.49 -3.32 0.00	42.24 -3.33 0.00	39.08 -3.49 0.00	35.31 -2.90 0.00	33.51 -2.68 0.00	30.97 -3.03 0.00	30.83 -2.29 0.00
LOCKPORT___CC1 323769	34.87 -0.64 0.00	33.15 -0.82 0.00	33.19 -0.82 0.00	33.38 -0.78 0.00	34.02 -0.69 0.00	37.38 0.04 0.00	44.50 -0.36 0.00	49.77 -1.91 0.00	47.41 -2.39 0.00	41.72 -1.42 0.00	39.99 -1.20 0.00	37.66 -1.25 0.00	36.08 -1.39 0.00	35.02 -1.50 0.00	35.05 -2.04 0.00	35.85 -2.91 0.00	39.75 -3.13 0.00	45.73 -3.07 0.00	42.24 -3.32 0.00	39.08 -3.49 0.00	35.30 -2.91 0.00	33.51 -2.68 0.00	31.55 -2.45 0.00	31.36 -1.76 0.00
LOCKPORT___CC2 323770	34.87 -0.64 0.00	33.15 -0.82 0.00	33.19 -0.82 0.00	33.38 -0.78 0.00	34.02 -0.69 0.00	37.38 0.04 0.00	44.50 -0.36 0.00	49.77 -1.91 0.00	47.41 -2.39 0.00	41.72 -1.42 0.00	39.99 -1.20 0.00	37.66 -1.25 0.00	36.08 -1.39 0.00	35.02 -1.50 0.00	35.05 -2.04 0.00	35.85 -2.91 0.00	39.75 -3.13 0.00	45.73 -3.07 0.00	42.24 -3.32 0.00	39.08 -3.49 0.00	35.30 -2.91 0.00	33.51 -2.68 0.00	31.55 -2.45 0.00	31.36 -1.76 0.00
LOCKPORT___CC3 323771	34.87 -0.64 0.00	33.15 -0.82 0.00	33.19 -0.82 0.00	33.38 -0.78 0.00	34.02 -0.69 0.00	37.38 0.04 0.00	44.50 -0.36 0.00	49.77 -1.91 0.00	47.41 -2.39 0.00	41.72 -1.42 0.00	39.99 -1.20 0.00	37.66 -1.25 0.00	36.08 -1.39 0.00	35.02 -1.50 0.00	35.05 -2.04 0.00	35.85 -2.91 0.00	39.75 -3.13 0.00	45.73 -3.07 0.00	42.24 -3.32 0.00	39.08 -3.49 0.00	35.30 -2.91 0.00	33.51 -2.68 0.00	31.55 -2.45 0.00	31.36 -1.76 0.00
LONG_LAKE_PHOENIX 24014	34.62 -0.89 0.00	33.08 -0.88 0.00	33.13 -0.88 0.00	33.31 -0.85 0.00	33.88 -0.83 0.00	36.52 -0.82 0.00	44.05 -0.81 0.00	50.59 -1.09 0.00	48.76 -1.05 0.00	42.15 -0.99 0.00	40.33 -0.87 0.00	38.06 -0.86 0.00	36.57 -0.90 0.00	35.64 -0.88 0.00	36.16 -0.93 0.00	37.75 -1.01 0.00	41.85 -1.03 0.00	47.83 -0.98 0.00	44.56 -1.00 0.00	41.46 -1.11 0.00	37.25 -0.96 0.00	35.25 -0.94 0.00	33.01 -0.99 0.00	32.19 -0.93 0.00
LOVETT___3 23632	36.64 1.14 0.00	35.15 1.19 0.00	35.07 1.05 0.00	35.26 1.09 0.00	35.76 1.04 0.00	38.46 1.12 0.00	46.97 2.11 0.00	54.52 2.84 0.00	52.54 2.74 0.00	45.04 1.90 0.00	42.51 1.32 0.00	40.35 1.44 0.00	38.89 1.42 0.00	37.98 1.46 0.00	38.65 1.56 0.00	40.58 1.82 0.00	45.19 2.32 0.00	51.93 3.12 0.00	48.66 3.10 0.00	44.95 2.38 0.00	40.27 2.06 0.00	38.11 1.92 0.00	35.90 1.90 0.00	34.78 1.66 0.00
LOVETT___4 23642	36.64 1.14 0.00	35.15 1.19 0.00	35.07 1.05 0.00	35.26 1.09 0.00	35.76 1.04 0.00	38.46 1.12 0.00	46.97 2.11 0.00	54.52 2.84 0.00	52.54 2.74 0.00	45.04 1.90 0.00	42.51 1.32 0.00	40.35 1.44 0.00	38.89 1.42 0.00	37.98 1.46 0.00	38.65 1.56 0.00	40.58 1.82 0.00	45.19 2.32 0.00	51.93 3.12 0.00	48.66 3.10 0.00	44.95 2.38 0.00	40.27 2.06 0.00	38.11 1.92 0.00	35.90 1.90 0.00	34.78 1.66 0.00
LOVETT___5 23593	36.64 1.14 0.00	35.15 1.19 0.00	35.07 1.05 0.00	35.26 1.09 0.00	35.76 1.04 0.00	38.46 1.12 0.00	46.97 2.11 0.00	54.52 2.84 0.00	52.54 2.74 0.00	45.04 1.90 0.00	42.51 1.32 0.00	40.35 1.44 0.00	38.89 1.42 0.00	37.98 1.46 0.00	38.65 1.56 0.00	40.58 1.82 0.00	45.19 2.32 0.00	51.93 3.12 0.00	48.66 3.10 0.00	44.95 2.38 0.00	40.27 2.06 0.00	38.11 1.92 0.00	35.90 1.90 0.00	34.78 1.66 0.00
LOWER RAQUET___HYD 24057	34.80 -0.71 0.00	33.52 -0.44 0.00	33.57 -0.44 0.00	33.69 -0.48 0.00	34.20 -0.52 0.00	36.48 -0.86 0.00	43.42 -1.44 0.00	50.18 -1.50 0.00	48.51 -1.30 0.00	42.06 -1.08 0.00	40.70 -0.49 0.00	38.29 -0.62 0.00	36.95 -0.52 0.00	36.01 -0.51 0.00	36.57 -0.52 0.00	38.13 -0.62 0.00	42.02 -0.86 0.00	47.10 -1.71 0.00	43.92 -1.64 0.00	41.33 -1.24 0.00	36.99 -1.22 0.00	35.21 -0.98 0.00	33.01 -0.99 0.00	32.23 -0.89 0.00
LOWER___HUDSON 24059	36.68 1.17 0.00	35.08 1.12 0.00	35.13 1.12 0.00	35.29 1.13 0.00	35.86 1.14 0.00	38.57 1.23 0.00	46.66 1.80 0.00	53.80 2.12 0.00	51.85 2.04 0.00	44.78 1.64 0.00	42.34 1.15 0.00	40.04 1.13 0.00	38.56 1.09 0.00	37.61 1.09 0.00	38.24 1.15 0.00	40.11 1.36 0.00	44.42 1.54 0.00	51.01 2.20 0.00	47.70 2.14 0.00	44.31 1.75 0.00	39.85 1.64 0.00	37.78 1.59 0.00	35.46 1.46 0.00	34.48 1.36 0.00
LOWVILLE_115KV_TB2 356335	35.72 0.21 0.00	34.07 0.10 0.00	34.11 0.10 0.00	34.30 0.14 0.00	34.85 0.14 0.00	37.60 0.26 0.00	45.44 0.58 0.00	52.45 0.78 0.00	50.60 0.80 0.00	43.66 0.52 0.00	41.56 0.37 0.00	39.22 0.31 0.00	37.77 0.30 0.00	36.77 0.26 0.00	37.35 0.26 0.00	38.99 0.23 0.00	43.35 0.47 0.00	49.29 0.49 0.00	45.97 0.41 0.00	42.99 0.43 0.00	38.40 0.19 0.00	36.30 0.11 0.00	33.96 -0.03 0.00	33.05 -0.07 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	37.14 1.63 0.00	35.53 1.56 0.00	35.61 1.60 0.00	35.74 1.57 0.00	36.35 1.63 0.00	39.17 1.83 0.00	47.64 2.78 0.00	54.83 3.15 0.00	52.74 2.94 0.00	45.34 2.20 0.00	43.04 1.85 0.00	40.62 1.71 0.00	39.12 1.65 0.00	38.16 1.64 0.00	38.83 1.74 0.00	40.73 1.98 0.00	45.19 2.32 0.00	51.83 3.03 0.00	48.43 2.87 0.00	45.08 2.51 0.00	40.39 2.18 0.00	38.32 2.14 0.00	35.93 1.94 0.00	34.94 1.82 0.00
LUTHERNY_35_KV_BK2 355980	37.14 1.63 0.00	35.53 1.56 0.00	35.64 1.63 0.00	35.77 1.61 0.00	36.38 1.67 0.00	39.21 1.87 0.00	47.64 2.78 0.00	54.88 3.20 0.00	52.74 2.94 0.00	45.38 2.24 0.00	43.09 1.89 0.00	40.66 1.75 0.00	39.16 1.69 0.00	38.16 1.64 0.00	38.87 1.78 0.00	40.73 1.98 0.00	45.24 2.36 0.00	51.88 3.07 0.00	48.43 2.87 0.00	45.08 2.51 0.00	40.43 2.22 0.00	38.36 2.17 0.00	35.97 1.97 0.00	34.97 1.85 0.00
LWR___OSWEGATCHIE_HYD 23850	34.87 -0.64 0.00	33.28 -0.68 0.00	33.33 -0.68 0.00	33.52 -0.65 0.00	33.99 -0.73 0.00	36.48 -0.86 0.00	43.78 -1.08 0.00	50.59 -1.09 0.00	48.86 -0.95 0.00	42.41 -0.73 0.00	40.57 -0.62 0.00	38.21 -0.70 0.00	36.80 -0.67 0.00	35.86 -0.66 0.00	36.42 -0.67 0.00	38.02 -0.74 0.00	42.02 -0.86 0.00	47.54 -1.27 0.00	44.33 -1.23 0.00	41.59 -0.98 0.00	37.18 -1.03 0.00	35.14 -1.05 0.00	33.04 -0.95 0.00	32.19 -0.93 0.00

LYONS_FALL_HYD 23570	36.01 0.50 0.00	34.40 0.44 0.00	34.45 0.44 0.00	34.61 0.44 0.00	35.16 0.45 0.00	37.98 0.63 0.00	45.93 1.07 0.00	53.02 1.34 0.00	51.10 1.29 0.00	44.13 0.99 0.00	41.89 0.70 0.00	39.61 0.70 0.00	38.15 0.68 0.00	37.14 0.62 0.00	37.72 0.63 0.00	39.37 0.62 0.00	43.74 0.86 0.00	49.83 1.03 0.00	46.43 0.86 0.00	43.37 0.81 0.00	38.78 0.57 0.00	36.70 0.51 0.00	34.34 0.34 0.00	33.42 0.30 0.00
MADISON___COUNTY_LFGE 323628	36.57 1.07 0.00	34.91 0.95 0.00	35.00 0.99 0.00	35.16 0.99 0.00	35.76 1.04 0.00	38.69 1.34 0.00	46.79 1.93 0.00	53.90 2.22 0.00	51.90 2.09 0.00	44.74 1.60 0.00	42.63 1.44 0.00	40.23 1.32 0.00	38.74 1.27 0.00	37.72 1.21 0.00	38.28 1.19 0.00	39.96 1.20 0.00	44.38 1.50 0.00	50.56 1.76 0.00	47.11 1.55 0.00	43.89 1.32 0.00	39.32 1.11 0.00	37.20 1.01 0.00	34.78 0.78 0.00	33.88 0.76 0.00
MALONE___115KV_TB1 356076	36.57 1.07 0.00	34.91 0.95 0.00	34.96 0.95 0.00	35.09 0.92 0.00	35.55 0.83 0.00	37.87 0.52 0.00	45.17 0.31 0.00	52.45 0.78 0.00	50.75 0.95 0.00	44.52 1.38 0.00	42.80 1.61 0.00	40.23 1.32 0.00	38.78 1.31 0.00	37.80 1.28 0.00	38.35 1.26 0.00	39.88 1.12 0.00	43.65 0.77 0.00	48.95 0.15 0.00	45.38 -0.18 0.00	42.31 -0.26 0.00	37.79 -0.42 0.00	35.65 -0.54 0.00	33.55 -0.44 0.00	32.92 -0.20 0.00
MAPLEWOD_115KV_TB3 80458	36.36 0.85 0.00	34.78 0.82 0.00	34.83 0.82 0.00	34.95 0.79 0.00	35.51 0.80 0.00	38.24 0.90 0.00	46.38 1.53 0.00	53.54 1.86 0.00	51.60 1.79 0.00	44.39 1.25 0.00	42.10 0.91 0.00	39.81 0.89 0.00	38.33 0.86 0.00	37.39 0.88 0.00	38.05 0.96 0.00	39.88 1.12 0.00	44.29 1.41 0.00	50.76 1.95 0.00	47.43 1.87 0.00	44.06 1.49 0.00	39.51 1.30 0.00	37.49 1.30 0.00	35.29 1.29 0.00	34.31 1.19 0.00
MAPLE_RIDGE_WT_1 323574	35.47 -0.04 0.00	33.96 0.00 0.00	34.01 0.00 0.00	34.17 0.00 0.00	34.71 0.00 0.00	37.27 -0.07 0.00	44.59 -0.27 0.00	51.42 -0.26 0.00	49.60 -0.20 0.00	42.97 -0.17 0.00	41.19 0.00 0.00	38.91 0.00 0.00	37.47 0.00 0.00	36.52 0.00 0.00	37.09 0.00 0.00	38.72 -0.04 0.00	42.79 -0.09 0.00	48.47 -0.34 0.00	45.20 -0.37 0.00	42.36 -0.21 0.00	38.02 -0.19 0.00	36.01 -0.18 0.00	33.83 -0.17 0.00	32.99 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	35.47 -0.04 0.00	33.96 0.00 0.00	34.01 0.00 0.00	34.17 0.00 0.00	34.71 0.00 0.00	37.27 -0.07 0.00	44.59 -0.27 0.00	51.42 -0.26 0.00	49.60 -0.20 0.00	42.97 -0.17 0.00	41.19 0.00 0.00	38.91 0.00 0.00	37.47 0.00 0.00	36.52 0.00 0.00	37.09 0.00 0.00	38.72 -0.04 0.00	42.79 -0.09 0.00	48.47 -0.34 0.00	45.20 -0.37 0.00	42.36 -0.21 0.00	38.02 -0.19 0.00	36.01 -0.18 0.00	33.83 -0.17 0.00	32.99 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	36.43 0.92 0.00	34.85 0.88 0.00	34.89 0.88 0.00	35.02 0.85 0.00	35.48 0.76 0.00	37.68 0.34 0.00	44.95 0.09 0.00	52.20 0.52 0.00	50.55 0.75 0.00	44.05 0.91 0.00	42.63 1.44 0.00	40.12 1.21 0.00	38.67 1.20 0.00	37.72 1.20 0.00	38.27 1.19 0.00	39.80 1.05 0.00	43.65 0.77 0.00	48.66 -0.15 0.00	45.02 -0.54 0.00	41.93 -0.64 0.00	37.48 -0.73 0.00	35.47 -0.72 0.00	33.25 -0.75 0.00	32.72 -0.40 0.00
MARSHVLE_115KV_TB1 80742	37.32 1.81 0.00	35.70 1.73 0.00	35.75 1.73 0.00	35.88 1.71 0.00	36.55 1.84 0.00	39.51 2.17 0.00	48.36 3.50 0.00	55.40 3.72 0.00	53.19 3.39 0.00	45.68 2.55 0.00	43.41 2.22 0.00	40.86 1.95 0.00	39.27 1.80 0.00	38.27 1.75 0.00	39.02 1.93 0.00	40.97 2.21 0.00	45.58 2.70 0.00	52.37 3.56 0.00	48.80 3.23 0.00	45.46 2.89 0.00	40.69 2.48 0.00	38.72 2.53 0.00	36.07 2.07 0.00	35.07 1.95 0.00
MARSH_HILL_WT_PWR 323713	36.54 1.03 0.00	34.81 0.85 0.00	34.93 0.92 0.00	35.23 1.06 0.00	35.96 1.25 0.00	39.36 2.02 0.00	47.37 2.51 0.00	53.75 2.07 0.00	51.30 1.49 0.00	44.74 1.60 0.00	42.67 1.48 0.00	40.00 1.09 0.00	38.26 0.79 0.00	37.03 0.51 0.00	37.09 0.00 0.00	38.13 -0.62 0.00	42.11 -0.77 0.00	48.52 -0.29 0.00	44.74 -0.82 0.00	41.33 -1.24 0.00	37.26 -0.95 0.00	35.25 -0.94 0.00	33.08 -0.92 0.00	32.62 -0.50 0.00
MCINTYRE_115KV_TB2 80467	36.15 0.64 0.00	34.51 0.54 0.00	34.56 0.54 0.00	34.75 0.58 0.00	35.24 0.52 0.00	37.64 0.30 0.00	44.81 -0.04 0.00	51.83 0.16 0.00	50.05 0.25 0.00	43.74 0.60 0.00	42.01 0.82 0.00	39.50 0.58 0.00	38.11 0.64 0.00	37.14 0.62 0.00	37.68 0.59 0.00	39.26 0.50 0.00	43.14 0.26 0.00	48.47 -0.34 0.00	45.20 -0.36 0.00	42.61 0.04 0.00	38.09 -0.11 0.00	36.01 -0.18 0.00	34.00 0.00 0.00	33.15 0.03 0.00
MECO_____69_KV_BK1 80468	38.92 3.41 0.00	37.19 3.23 0.00	37.24 3.23 0.00	37.41 3.25 0.00	38.22 3.51 0.00	41.38 4.03 0.00	50.91 6.06 0.00	58.35 6.67 0.00	55.88 6.08 0.00	47.93 4.79 0.00	45.52 4.33 0.00	42.72 3.81 0.00	41.03 3.56 0.00	40.02 3.51 0.00	40.91 3.82 0.00	43.14 4.38 0.00	47.89 5.02 0.00	55.15 6.34 0.00	51.26 5.70 0.00	47.89 5.32 0.00	42.87 4.66 0.00	40.79 4.60 0.00	37.80 3.81 0.00	36.76 3.64 0.00
MENANDS___115KV_TB5 355628	36.15 0.64 0.00	34.61 0.65 0.00	34.66 0.65 0.00	34.78 0.62 0.00	35.34 0.62 0.00	38.01 0.67 0.00	46.07 1.21 0.00	53.23 1.55 0.00	51.30 1.49 0.00	44.13 0.99 0.00	41.85 0.66 0.00	39.57 0.66 0.00	38.14 0.67 0.00	37.18 0.66 0.00	37.83 0.74 0.00	39.69 0.93 0.00	44.04 1.16 0.00	50.47 1.66 0.00	47.16 1.59 0.00	43.80 1.23 0.00	39.28 1.07 0.00	37.27 1.09 0.00	35.12 1.12 0.00	34.11 0.99 0.00
MG INDUSTRY___DRP 24185	36.29 0.78 0.00	34.74 0.78 0.00	34.79 0.78 0.00	34.92 0.75 0.00	35.48 0.76 0.00	38.16 0.82 0.00	46.20 1.35 0.00	53.28 1.60 0.00	51.30 1.49 0.00	44.17 1.04 0.00	41.93 0.74 0.00	39.65 0.74 0.00	38.18 0.71 0.00	37.25 0.73 0.00	37.87 0.78 0.00	39.69 0.93 0.00	44.04 1.16 0.00	50.42 1.61 0.00	47.07 1.50 0.00	43.80 1.23 0.00	39.32 1.11 0.00	37.31 1.12 0.00	35.08 1.09 0.00	34.15 1.03 0.00
MID___OSWEGATCHIE_HYD 23849	34.87 -0.64 0.00	33.28 -0.68 0.00	33.33 -0.68 0.00	33.52 -0.65 0.00	33.99 -0.73 0.00	36.48 -0.86 0.00	43.78 -1.08 0.00	50.59 -1.09 0.00	48.86 -0.95 0.00	42.41 -0.73 0.00	40.57 -0.62 0.00	38.21 -0.70 0.00	36.80 -0.67 0.00	35.86 -0.66 0.00	36.42 -0.67 0.00	38.02 -0.74 0.00	42.02 -0.86 0.00	47.54 -1.27 0.00	44.33 -1.23 0.00	41.59 -0.98 0.00	37.18 -1.03 0.00	35.14 -1.05 0.00	33.04 -0.95 0.00	32.19 -0.93 0.00
MID___RAQUETTE_HYD 23851	35.08 -0.43 0.00	33.52 -0.44 0.00	33.57 -0.44 0.00	33.72 -0.44 0.00	34.16 -0.56 0.00	36.48 -0.86 0.00	43.42 -1.44 0.00	50.23 -1.45 0.00	48.51 -1.29 0.00	42.41 -0.73 0.00	40.70 -0.49 0.00	38.29 -0.62 0.00	36.95 -0.52 0.00	36.01 -0.51 0.00	36.57 -0.52 0.00	38.14 -0.62 0.00	41.89 -0.99 0.00	47.10 -1.71 0.00	43.92 -1.64 0.00	41.33 -1.23 0.00	36.99 -1.22 0.00	34.96 -1.23 0.00	33.04 -0.95 0.00	32.26 -0.86 0.00

MILLIKEN___1 23584	36.29 0.78 0.00	34.64 0.68 0.00	34.69 0.68 0.00	34.92 0.75 0.00	35.55 0.83 0.00	38.39 1.05 0.00	46.43 1.57 0.00	53.33 1.65 0.00	51.30 1.49 0.00	44.26 1.12 0.00	42.34 1.15 0.00	39.88 0.97 0.00	38.29 0.82 0.00	37.28 0.77 0.00	37.79 0.70 0.00	39.42 0.66 0.00	43.82 0.94 0.00	50.17 1.37 0.00	46.70 1.14 0.00	43.33 0.77 0.00	38.90 0.69 0.00	36.77 0.58 0.00	34.30 0.31 0.00	33.48 0.36 0.00
MILLIKEN___2 23585	36.29 0.78 0.00	34.64 0.68 0.00	34.69 0.68 0.00	34.92 0.75 0.00	35.55 0.83 0.00	38.39 1.05 0.00	46.43 1.57 0.00	53.33 1.65 0.00	51.30 1.49 0.00	44.26 1.12 0.00	42.34 1.15 0.00	39.88 0.97 0.00	38.29 0.82 0.00	37.28 0.77 0.00	37.79 0.70 0.00	39.42 0.66 0.00	43.82 0.94 0.00	50.17 1.37 0.00	46.70 1.14 0.00	43.33 0.77 0.00	38.90 0.69 0.00	36.77 0.58 0.00	34.30 0.31 0.00	33.48 0.36 0.00
MILLIKEN___DIESEL 23629	36.29 0.78 0.00	34.64 0.68 0.00	34.69 0.68 0.00	34.92 0.75 0.00	35.55 0.83 0.00	38.39 1.05 0.00	46.43 1.57 0.00	53.33 1.65 0.00	51.30 1.49 0.00	44.26 1.12 0.00	42.34 1.15 0.00	39.88 0.97 0.00	38.29 0.82 0.00	37.28 0.77 0.00	37.79 0.70 0.00	39.42 0.66 0.00	43.82 0.94 0.00	50.17 1.37 0.00	46.70 1.14 0.00	43.33 0.77 0.00	38.90 0.69 0.00	36.77 0.58 0.00	34.30 0.31 0.00	33.48 0.36 0.00
MILLSEAT___LFGE 323607	35.40 -0.11 0.00	33.62 -0.34 0.00	33.67 -0.34 0.00	33.83 -0.34 0.00	34.51 -0.21 0.00	37.90 0.56 0.00	45.35 0.49 0.00	50.85 -0.83 0.00	48.56 -1.24 0.00	42.71 -0.43 0.00	40.94 -0.25 0.00	38.48 -0.43 0.00	36.80 -0.67 0.00	35.71 -0.80 0.00	35.79 -1.30 0.00	36.62 -2.13 0.00	40.69 -2.19 0.00	46.85 -1.95 0.00	43.29 -2.28 0.00	40.01 -2.55 0.00	36.11 -2.10 0.00	34.20 -1.99 0.00	32.13 -1.87 0.00	31.83 -1.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.79 1.28 0.00	35.29 1.32 0.00	35.20 1.19 0.00	35.40 1.23 0.00	35.90 1.18 0.00	38.57 1.23 0.00	47.15 2.29 0.00	54.73 3.05 0.00	52.79 2.99 0.00	45.25 2.11 0.00	42.67 1.48 0.00	40.51 1.60 0.00	39.08 1.61 0.00	38.12 1.61 0.00	38.83 1.74 0.00	40.77 2.02 0.00	45.41 2.53 0.00	52.13 3.32 0.00	48.89 3.33 0.00	45.16 2.60 0.00	40.46 2.25 0.00	38.29 2.10 0.00	36.07 2.07 0.00	34.94 1.82 0.00
MILLWOOD_13_KV_LOAD 356217	36.86 1.35 0.00	35.36 1.39 0.00	35.27 1.26 0.00	35.47 1.30 0.00	35.96 1.25 0.00	38.65 1.31 0.00	47.19 2.33 0.00	54.83 3.15 0.00	52.94 3.14 0.00	45.38 2.24 0.00	42.76 1.57 0.00	40.58 1.67 0.00	39.16 1.69 0.00	38.20 1.68 0.00	38.91 1.82 0.00	40.89 2.13 0.00	45.49 2.62 0.00	52.27 3.47 0.00	48.98 3.42 0.00	45.25 2.68 0.00	40.54 2.33 0.00	38.36 2.17 0.00	36.10 2.11 0.00	34.97 1.85 0.00
MODEL_CITY_ENERGY 24167	34.44 -1.06 0.00	32.74 -1.22 0.00	32.79 -1.22 0.00	32.97 -1.20 0.00	33.60 -1.11 0.00	36.90 -0.45 0.00	43.91 -0.94 0.00	49.05 -2.63 0.00	46.76 -3.04 0.00	41.11 -2.03 0.00	39.46 -1.73 0.00	37.16 -1.75 0.00	35.60 -1.87 0.00	34.55 -1.97 0.00	34.60 -2.48 0.00	35.38 -3.37 0.00	39.28 -3.60 0.00	45.15 -3.66 0.00	41.69 -3.87 0.00	38.56 -4.00 0.00	34.88 -3.32 0.00	33.11 -3.08 0.00	31.17 -2.82 0.00	31.03 -2.09 0.00
MODERN_LFGE___ 323580	34.44 -1.06 0.00	32.74 -1.22 0.00	32.79 -1.22 0.00	32.97 -1.20 0.00	33.60 -1.11 0.00	36.90 -0.45 0.00	43.91 -0.94 0.00	49.05 -2.63 0.00	46.76 -3.04 0.00	41.11 -2.03 0.00	39.46 -1.73 0.00	37.16 -1.75 0.00	35.60 -1.87 0.00	34.55 -1.97 0.00	34.60 -2.48 0.00	35.38 -3.37 0.00	39.28 -3.60 0.00	45.15 -3.66 0.00	41.69 -3.87 0.00	38.56 -4.00 0.00	34.88 -3.32 0.00	33.11 -3.08 0.00	31.17 -2.82 0.00	31.03 -2.09 0.00
MOHAWK_PAPER___DRP 24187	36.36 0.85 0.00	34.78 0.82 0.00	34.83 0.82 0.00	34.95 0.79 0.00	35.51 0.80 0.00	38.24 0.90 0.00	46.38 1.53 0.00	53.54 1.86 0.00	51.60 1.79 0.00	44.39 1.25 0.00	42.10 0.91 0.00	39.81 0.89 0.00	38.33 0.86 0.00	37.39 0.88 0.00	38.05 0.96 0.00	39.88 1.12 0.00	44.29 1.41 0.00	50.76 1.95 0.00	47.43 1.87 0.00	44.06 1.49 0.00	39.51 1.30 0.00	37.49 1.30 0.00	35.29 1.29 0.00	34.31 1.19 0.00
MOHICAN__35_KV_115KV_LD 80490	37.46 1.95 0.00	35.80 1.83 0.00	35.98 1.97 0.00	36.12 1.95 0.00	36.76 2.05 0.00	39.66 2.32 0.00	48.40 3.54 0.00	55.61 3.93 0.00	53.34 3.54 0.00	45.86 2.72 0.00	43.50 2.31 0.00	41.01 2.10 0.00	39.46 1.99 0.00	38.45 1.94 0.00	39.20 2.11 0.00	41.12 2.36 0.00	45.67 2.79 0.00	52.47 3.66 0.00	48.98 3.42 0.00	45.59 3.02 0.00	40.88 2.67 0.00	38.79 2.61 0.00	36.24 2.24 0.00	35.27 2.15 0.00
MONGAUP___HYD 23641	36.18 0.67 0.00	34.61 0.64 0.00	34.55 0.54 0.00	34.68 0.51 0.00	35.24 0.52 0.00	37.94 0.60 0.00	46.29 1.44 0.00	53.28 1.60 0.00	51.50 1.69 0.00	44.30 1.17 0.00	41.52 0.33 0.00	39.30 0.39 0.00	37.84 0.37 0.00	36.85 0.33 0.00	37.61 0.52 0.00	39.49 0.73 0.00	43.87 0.99 0.00	50.61 1.81 0.00	47.34 1.78 0.00	43.76 1.19 0.00	39.05 0.84 0.00	36.91 0.72 0.00	34.78 0.78 0.00	33.82 0.70 0.00
MONTAUK___DIESEL 23721	44.85 4.12 -5.23	41.45 4.01 -3.47	37.85 3.84 0.00	38.10 3.93 0.00	42.40 3.99 -3.69	45.83 4.33 -4.16	53.99 6.41 -2.72	60.80 7.91 -1.21	57.29 7.47 -0.01	51.28 5.69 -2.45	45.93 4.74 0.00	43.58 4.67 0.00	41.74 4.27 0.00	40.86 4.35 0.00	41.84 4.75 0.00	45.23 5.27 -1.20	55.80 6.69 -6.24	65.63 8.44 -8.38	61.52 8.06 -7.90	53.13 6.81 -3.75	51.36 5.88 -7.26	46.85 5.32 -5.34	41.08 4.86 -2.22	40.20 4.57 -2.51
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.79 1.28 0.00	35.08 1.12 0.00	35.07 1.05 0.00	35.67 1.50 0.00	36.66 1.94 0.00	39.62 2.28 0.00	47.24 2.38 0.00	53.02 1.34 0.00	50.70 0.90 0.00	43.70 0.56 0.00	42.26 1.07 0.00	39.73 0.82 0.00	37.81 0.34 0.00	36.44 -0.07 0.00	36.35 -0.74 0.00	36.93 -1.82 0.00	40.82 -2.06 0.00	46.81 -2.00 0.00	43.19 -2.37 0.00	39.89 -2.68 0.00	35.88 -2.33 0.00	34.02 -2.17 0.00	31.48 -2.52 0.00	31.66 -1.46 0.00
MORTIMER_115KV_TB3 55949	35.05 -0.46 0.00	33.39 -0.58 0.00	33.47 -0.54 0.00	33.79 -0.38 0.00	34.51 -0.21 0.00	37.34 0.00 0.00	44.63 -0.22 0.00	50.34 -1.34 0.00	48.46 -1.34 0.00	42.10 -1.04 0.00	40.74 -0.45 0.00	38.33 -0.58 0.00	36.80 -0.67 0.00	35.71 -0.80 0.00	36.05 -1.04 0.00	37.17 -1.59 0.00	41.29 -1.59 0.00	47.24 -1.56 0.00	43.97 -1.59 0.00	40.69 -1.87 0.00	36.64 -1.57 0.00	34.71 -1.48 0.00	32.23 -1.77 0.00	31.70 -1.42 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.72 1.38 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.88 1.69 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.12 2.36 0.00	45.79 2.92 0.00	52.56 3.76 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.38 2.38 0.00	35.21 2.09 0.00

MUNSVILLE_WIND_PWR 323609	39.27 3.76 0.00	37.36 3.40 0.00	37.35 3.33 0.00	37.65 3.49 0.00	38.22 3.50 0.00	41.78 4.44 0.00	50.91 6.05 0.00	58.65 6.97 0.00	56.28 6.47 0.00	48.79 5.65 0.00	46.26 5.06 0.00	43.19 4.28 0.00	41.37 3.90 0.00	40.17 3.65 0.00	40.68 3.60 0.00	42.28 3.53 0.00	47.21 4.33 0.00	54.13 5.32 0.00	50.21 4.65 0.00	46.65 4.09 0.00	41.53 3.32 0.00	39.09 2.90 0.00	36.20 2.21 0.00	35.27 2.15 0.00
N SALMON___HYD 24042	36.40 0.89 0.00	34.91 0.95 0.00	34.96 0.95 0.00	35.05 0.89 0.00	35.55 0.83 0.00	37.86 0.52 0.00	45.13 0.27 0.00	52.46 0.78 0.00	50.75 0.94 0.00	44.17 1.03 0.00	42.80 1.60 0.00	40.24 1.32 0.00	38.78 1.31 0.00	37.80 1.28 0.00	38.35 1.26 0.00	39.88 1.12 0.00	43.78 0.90 0.00	48.90 0.10 0.00	45.38 -0.18 0.00	42.31 -0.25 0.00	37.79 -0.42 0.00	35.79 -0.40 0.00	33.52 -0.48 0.00	32.92 -0.20 0.00
N.AKRON___115KV_KNAPP 355671	35.33 -0.18 0.00	33.62 -0.34 0.00	33.67 -0.34 0.00	34.13 -0.03 0.00	34.96 0.24 0.00	37.83 0.49 0.00	44.95 0.09 0.00	50.08 -1.60 0.00	48.16 -1.64 0.00	41.84 -1.29 0.00	40.78 -0.41 0.00	38.37 -0.54 0.00	36.80 -0.67 0.00	35.64 -0.88 0.00	35.79 -1.30 0.00	36.62 -2.13 0.00	40.69 -2.19 0.00	46.56 -2.25 0.00	43.24 -2.32 0.00	39.97 -2.60 0.00	36.07 -2.14 0.00	34.20 -1.99 0.00	31.58 -2.41 0.00	31.36 -1.76 0.00
N.BELMOR_69_KV_BK1 55787	42.83 2.10 -5.23	39.54 2.11 -3.47	35.95 1.94 0.00	36.15 1.98 0.00	40.38 1.98 -3.69	43.63 2.13 -4.16	50.99 3.41 -2.72	57.23 4.34 -1.21	54.05 4.23 -0.01	48.73 3.15 -2.45	43.62 2.43 0.00	41.40 2.49 0.00	39.79 2.32 0.00	38.93 2.41 0.00	39.68 2.60 0.00	42.98 3.02 -1.20	52.76 3.64 -6.24	61.87 4.69 -8.37	58.05 4.60 -7.89	50.06 3.75 -3.75	48.76 3.29 -7.26	44.61 3.08 -5.34	39.14 2.92 -2.22	38.28 2.65 -2.51
N.E_GEN_SANDY PD 24062	45.65 1.24 -8.90	44.50 1.22 -9.32	39.30 1.16 -4.13	39.10 1.16 -3.77	44.10 1.18 -8.20	44.30 1.19 -5.76	55.90 1.93 -9.11	58.04 2.38 -3.98	55.19 2.39 -3.00	46.34 1.90 -1.30	42.80 1.28 -0.33	41.80 1.32 -1.56	41.63 1.31 -2.85	43.18 1.31 -5.35	45.85 1.41 -7.35	49.98 1.59 -9.63	59.37 1.84 -14.65	67.07 2.59 -15.68	66.10 2.55 -17.99	56.20 2.04 -11.59	56.30 1.80 -16.29	51.80 1.74 -13.87	49.56 1.67 -13.90	45.43 1.52 -10.79
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.68 1.17 0.00	35.19 1.22 0.00	35.10 1.09 0.00	35.30 1.13 0.00	35.79 1.08 0.00	38.50 1.16 0.00	47.01 2.15 0.00	54.57 2.89 0.00	52.64 2.84 0.00	45.12 1.98 0.00	42.51 1.32 0.00	40.35 1.44 0.00	38.93 1.46 0.00	37.98 1.46 0.00	38.68 1.59 0.00	40.62 1.86 0.00	45.19 2.32 0.00	51.98 3.17 0.00	48.71 3.14 0.00	44.99 2.43 0.00	40.31 2.10 0.00	38.14 1.95 0.00	35.90 1.90 0.00	34.78 1.66 0.00
N.QUEENS_27_KV_LOAD 356247	36.89 1.38 0.00	35.56 1.60 0.00	35.37 1.36 0.00	35.53 1.37 0.00	35.86 1.15 0.00	38.43 1.08 0.00	47.06 2.20 0.00	54.83 3.15 0.00	52.94 3.14 0.00	45.43 2.29 0.00	42.63 1.44 0.00	40.62 1.71 0.00	39.23 1.76 0.00	38.31 1.79 0.00	39.02 1.93 0.00	41.08 2.33 0.00	45.71 2.83 0.00	52.47 3.66 0.00	49.30 3.74 0.00	45.46 2.89 0.00	40.73 2.52 0.00	38.47 2.28 0.00	36.79 2.79 -0.01	35.55 2.42 -0.01
N.TROY___115KV_TB1 355778	36.64 1.14 0.00	35.08 1.12 0.00	35.13 1.12 0.00	35.26 1.09 0.00	35.83 1.11 0.00	38.57 1.23 0.00	46.79 1.93 0.00	54.01 2.33 0.00	51.99 2.19 0.00	44.74 1.60 0.00	42.47 1.28 0.00	40.16 1.25 0.00	38.67 1.20 0.00	37.69 1.17 0.00	38.35 1.26 0.00	40.19 1.43 0.00	44.64 1.76 0.00	51.15 2.34 0.00	47.79 2.23 0.00	44.44 1.87 0.00	39.85 1.64 0.00	37.78 1.59 0.00	35.53 1.53 0.00	34.54 1.42 0.00
NARROWS_GT1_1 24228	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT1_2 24229	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT1_3 24230	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT1_4 24231	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT1_5 24232	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT1_6 24233	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT1_7 24234	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01

NARROWS_GT1_8 24235	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT2_1 24236	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT2_2 24237	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT2_3 24238	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT2_4 24239	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT2_5 24240	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT2_6 24241	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT2_7 24242	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NARROWS_GT2_8 24243	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.82 1.31 0.00	35.19 1.22 0.00	35.27 1.26 0.00	35.33 1.16 0.00	35.96 1.25 0.00	38.80 1.46 0.00	47.19 2.33 0.00	54.06 2.38 0.00	52.04 2.24 0.00	44.61 1.47 0.00	42.14 0.95 0.00	39.69 0.78 0.00	38.14 0.67 0.00	37.18 0.66 0.00	37.94 0.85 0.00	39.80 1.05 0.00	44.21 1.33 0.00	50.86 2.05 0.00	47.38 1.82 0.00	44.06 1.49 0.00	39.39 1.18 0.00	37.42 1.23 0.00	35.25 1.26 0.00	34.41 1.29 0.00
NCHELSEA_115KV_TR2 355582	37.18 1.67 0.00	35.63 1.66 0.00	35.58 1.56 0.00	35.74 1.57 0.00	36.24 1.53 0.00	39.02 1.68 0.00	47.69 2.83 0.00	55.04 3.36 0.00	53.19 3.39 0.00	45.51 2.37 0.00	42.80 1.61 0.00	40.51 1.60 0.00	39.01 1.54 0.00	38.02 1.50 0.00	38.79 1.71 0.00	40.69 1.94 0.00	45.32 2.44 0.00	52.22 3.42 0.00	48.80 3.23 0.00	45.08 2.51 0.00	40.31 2.10 0.00	38.18 1.99 0.00	36.00 2.01 0.00	34.94 1.82 0.00
NEG CAPITAL___MECHNVIL 23645	37.11 1.60 0.00	35.49 1.53 0.00	35.58 1.57 0.00	35.71 1.54 0.00	36.31 1.60 0.00	39.10 1.76 0.00	47.23 2.38 0.00	54.42 2.74 0.00	52.34 2.54 0.00	45.17 2.03 0.00	42.72 1.52 0.00	40.35 1.44 0.00	38.86 1.39 0.00	37.87 1.35 0.00	38.57 1.49 0.00	40.46 1.70 0.00	44.85 1.97 0.00	51.49 2.68 0.00	48.11 2.55 0.00	44.78 2.21 0.00	40.39 2.18 0.00	38.29 2.10 0.00	35.86 1.87 0.00	34.91 1.79 0.00
NEG CENTRAL_HIGH_ACRES 23767	34.48 -1.03 0.00	32.81 -1.15 0.00	32.85 -1.16 0.00	33.01 -1.16 0.00	33.60 -1.11 0.00	36.63 -0.71 0.00	44.10 -0.76 0.00	50.18 -1.50 0.00	48.16 -1.64 0.00	42.06 -1.08 0.00	40.24 -0.95 0.00	37.82 -1.09 0.00	36.27 -1.20 0.00	35.28 -1.24 0.00	35.60 -1.48 0.00	36.86 -1.90 0.00	40.86 -2.01 0.00	46.90 -1.90 0.00	43.56 -2.00 0.00	40.35 -2.22 0.00	36.30 -1.91 0.00	34.31 -1.88 0.00	32.19 -1.80 0.00	31.56 -1.56 0.00
NEG CENTRAL___DRP 24199	35.62 0.11 0.00	34.00 0.03 0.00	34.04 0.03 0.00	34.34 0.17 0.00	34.99 0.28 0.00	37.83 0.49 0.00	45.53 0.67 0.00	52.04 0.36 0.00	50.05 0.25 0.00	43.27 0.13 0.00	41.56 0.37 0.00	39.18 0.27 0.00	37.62 0.15 0.00	36.59 0.07 0.00	37.01 -0.07 0.00	38.49 -0.27 0.00	42.66 -0.21 0.00	48.86 0.05 0.00	45.43 -0.14 0.00	42.18 -0.38 0.00	37.94 -0.27 0.00	35.86 -0.33 0.00	33.45 -0.54 0.00	32.69 -0.43 0.00
NEG CENTRAL___INDECK 23768	36.75 1.24 0.00	34.91 0.95 0.00	35.00 0.99 0.00	35.19 1.02 0.00	35.90 1.18 0.00	39.36 2.02 0.00	47.55 2.69 0.00	53.90 2.22 0.00	51.59 1.79 0.00	45.08 1.94 0.00	43.00 1.81 0.00	40.27 1.36 0.00	38.52 1.05 0.00	37.36 0.84 0.00	37.57 0.48 0.00	38.76 0.00 0.00	43.05 0.17 0.00	49.64 0.83 0.00	45.97 0.41 0.00	42.40 -0.17 0.00	38.17 -0.04 0.00	36.01 -0.18 0.00	33.72 -0.27 0.00	33.12 0.00 0.00

NEG CENTRAL___SENECA 23627	35.97 0.46 0.00	34.30 0.34 0.00	34.35 0.34 0.00	34.68 0.51 0.00	35.41 0.69 0.00	38.31 0.97 0.00	46.03 1.17 0.00	52.45 0.78 0.00	50.40 0.60 0.00	43.57 0.43 0.00	41.97 0.78 0.00	39.57 0.66 0.00	37.96 0.49 0.00	36.85 0.33 0.00	37.27 0.19 0.00	38.64 -0.12 0.00	42.88 0.00 0.00	49.10 0.29 0.00	45.61 0.05 0.00	42.27 -0.30 0.00	38.09 -0.11 0.00	35.97 -0.22 0.00	33.49 -0.51 0.00	32.79 -0.33 0.00
NEG CENTRAL___STATE_STREET 24147	35.51 0.00 0.00	33.93 -0.03 0.00	33.98 -0.03 0.00	34.17 0.00 0.00	34.82 0.10 0.00	37.60 0.26 0.00	45.44 0.58 0.00	52.09 0.41 0.00	50.15 0.35 0.00	43.35 0.22 0.00	41.56 0.37 0.00	39.14 0.23 0.00	37.62 0.15 0.00	36.59 0.07 0.00	37.13 0.04 0.00	38.68 -0.08 0.00	42.92 0.04 0.00	49.10 0.29 0.00	45.70 0.14 0.00	42.44 -0.13 0.00	38.13 -0.08 0.00	36.04 -0.14 0.00	33.66 -0.34 0.00	32.82 -0.30 0.00
NEG MILLWOOD___DRP 24198	37.32 1.81 0.00	35.73 1.77 0.00	35.68 1.67 0.00	35.88 1.71 0.00	36.31 1.60 0.00	39.06 1.72 0.00	47.73 2.87 0.00	55.25 3.57 0.00	53.54 3.74 0.00	45.73 2.59 0.00	43.09 1.89 0.00	40.74 1.83 0.00	39.27 1.80 0.00	38.27 1.75 0.00	39.02 1.93 0.00	41.00 2.25 0.00	45.62 2.74 0.00	52.61 3.81 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.62 2.41 0.00	38.47 2.28 0.00	36.21 2.21 0.00	35.11 1.99 0.00
NEG NORTH_FLCN_SEA 23793	37.11 1.60 0.00	35.39 1.43 0.00	35.47 1.46 0.00	35.60 1.44 0.00	36.03 1.32 0.00	38.05 0.71 0.00	45.40 0.54 0.00	52.76 1.09 0.00	51.10 1.29 0.00	44.82 1.68 0.00	43.13 1.94 0.00	40.55 1.63 0.00	39.08 1.61 0.00	38.09 1.57 0.00	38.65 1.56 0.00	40.19 1.43 0.00	43.95 1.07 0.00	49.20 0.39 0.00	45.52 -0.05 0.00	42.35 -0.21 0.00	37.83 -0.38 0.00	35.68 -0.51 0.00	33.55 -0.44 0.00	33.22 0.10 0.00
NEG NORTH_KES_CHATEGAY 23792	36.57 1.07 0.00	34.91 0.95 0.00	34.96 0.95 0.00	35.12 0.96 0.00	35.55 0.83 0.00	37.79 0.45 0.00	45.08 0.22 0.00	52.35 0.67 0.00	50.65 0.85 0.00	44.43 1.29 0.00	42.76 1.57 0.00	40.23 1.32 0.00	38.78 1.31 0.00	37.76 1.24 0.00	38.35 1.26 0.00	39.88 1.12 0.00	43.61 0.73 0.00	48.81 0.00 0.00	45.15 -0.41 0.00	42.10 -0.47 0.00	37.64 -0.57 0.00	35.50 -0.69 0.00	33.38 -0.61 0.00	32.82 -0.30 0.00
NEG NORTH___ALICE_FALLS 23915	37.18 1.67 0.00	35.46 1.49 0.00	35.54 1.53 0.00	35.67 1.50 0.00	36.10 1.39 0.00	38.28 0.93 0.00	45.71 0.85 0.00	53.08 1.40 0.00	51.40 1.59 0.00	45.08 1.94 0.00	43.41 2.22 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.31 1.79 0.00	38.87 1.78 0.00	40.42 1.67 0.00	44.16 1.29 0.00	49.54 0.73 0.00	45.84 0.27 0.00	42.61 0.04 0.00	38.02 -0.19 0.00	35.86 -0.33 0.00	33.69 -0.31 0.00	33.29 0.17 0.00
NEG NORTH___LWR_SARANAC 23913	37.18 1.67 0.00	35.46 1.49 0.00	35.54 1.53 0.00	35.67 1.50 0.00	36.10 1.39 0.00	38.28 0.93 0.00	45.71 0.85 0.00	53.08 1.40 0.00	51.40 1.59 0.00	45.08 1.94 0.00	43.41 2.22 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.31 1.79 0.00	38.87 1.78 0.00	40.42 1.67 0.00	44.16 1.29 0.00	49.54 0.73 0.00	45.84 0.27 0.00	42.61 0.04 0.00	38.02 -0.19 0.00	35.86 -0.33 0.00	33.69 -0.31 0.00	33.29 0.17 0.00
NEG NORTH___PLATTSBURG 23628	37.07 1.56 0.00	35.46 1.49 0.00	35.54 1.53 0.00	35.64 1.47 0.00	36.10 1.39 0.00	38.28 0.93 0.00	45.71 0.85 0.00	53.08 1.40 0.00	51.40 1.59 0.00	44.82 1.68 0.00	43.41 2.22 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.31 1.79 0.00	38.87 1.78 0.00	40.42 1.67 0.00	44.29 1.41 0.00	49.49 0.68 0.00	45.84 0.28 0.00	42.61 0.04 0.00	38.02 -0.19 0.00	35.97 -0.22 0.00	33.66 -0.34 0.00	33.29 0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	34.76 -0.75 0.00	33.15 -0.82 0.00	33.19 -0.82 0.00	33.66 -0.51 0.00	34.47 -0.24 0.00	37.27 -0.07 0.00	44.10 -0.76 0.00	48.94 -2.74 0.00	47.01 -2.79 0.00	40.81 -2.33 0.00	39.83 -1.36 0.00	37.55 -1.36 0.00	36.05 -1.42 0.00	34.91 -1.61 0.00	35.05 -2.04 0.00	35.81 -2.95 0.00	39.79 -3.09 0.00	45.49 -3.32 0.00	42.19 -3.37 0.00	39.08 -3.49 0.00	35.31 -2.90 0.00	33.51 -2.68 0.00	30.97 -3.03 0.00	30.87 -2.25 0.00
NEG WEST___LANCASTER 23811	36.08 0.57 0.00	34.41 0.44 0.00	34.39 0.37 0.00	34.92 0.75 0.00	35.76 1.04 0.00	38.61 1.27 0.00	45.98 1.12 0.00	51.47 -0.21 0.00	49.31 -0.50 0.00	42.62 -0.52 0.00	41.44 0.25 0.00	39.11 0.19 0.00	37.58 0.11 0.00	36.37 -0.15 0.00	36.46 -0.63 0.00	37.28 -1.47 0.00	41.42 -1.46 0.00	47.59 -1.22 0.00	44.10 -1.46 0.00	40.74 -1.83 0.00	36.72 -1.49 0.00	34.81 -1.38 0.00	32.26 -1.73 0.00	32.06 -1.06 0.00
NEG_PENN_ALLEGHNY 23528	35.97 0.46 0.00	34.30 0.34 0.00	34.35 0.34 0.00	34.54 0.38 0.00	35.13 0.42 0.00	38.02 0.67 0.00	45.93 1.07 0.00	52.66 0.98 0.00	50.60 0.79 0.00	43.87 0.73 0.00	41.72 0.53 0.00	39.38 0.47 0.00	37.84 0.37 0.00	36.85 0.33 0.00	37.31 0.22 0.00	38.83 0.08 0.00	43.05 0.17 0.00	49.49 0.68 0.00	46.02 0.46 0.00	42.70 0.13 0.00	38.32 0.11 0.00	36.23 0.04 0.00	34.00 0.00 0.00	33.22 0.10 0.00
NEG___GEN_MONROE 24207	35.26 -0.25 0.00	33.62 -0.34 0.00	33.64 -0.37 0.00	33.96 -0.21 0.00	34.71 0.00 0.00	37.57 0.22 0.00	44.90 0.04 0.00	50.39 -1.29 0.00	48.51 -1.29 0.00	42.06 -1.08 0.00	40.66 -0.54 0.00	38.25 -0.66 0.00	36.80 -0.67 0.00	35.71 -0.80 0.00	35.98 -1.11 0.00	37.01 -1.74 0.00	41.12 -1.76 0.00	46.95 -1.85 0.00	43.74 -1.82 0.00	40.48 -2.09 0.00	36.41 -1.80 0.00	34.45 -1.74 0.00	32.02 -1.97 0.00	31.60 -1.52 0.00
NEPA___ENERGY 23901	35.69 0.18 0.00	34.00 0.03 0.00	34.01 0.00 0.00	34.54 0.38 0.00	35.34 0.62 0.00	38.16 0.82 0.00	45.44 0.58 0.00	50.96 -0.72 0.00	48.76 -1.05 0.00	42.10 -1.04 0.00	40.94 -0.25 0.00	38.64 -0.27 0.00	37.13 -0.34 0.00	35.93 -0.58 0.00	36.05 -1.04 0.00	36.90 -1.86 0.00	40.99 -1.89 0.00	47.20 -1.61 0.00	43.69 -1.87 0.00	40.35 -2.21 0.00	36.38 -1.83 0.00	34.49 -1.70 0.00	31.96 -2.04 0.00	31.73 -1.39 0.00
NEVERSINK___HYD 23608	37.35 1.85 0.00	35.73 1.77 0.00	35.68 1.67 0.00	35.81 1.64 0.00	36.38 1.67 0.00	39.21 1.87 0.00	47.91 3.05 0.00	55.14 3.46 0.00	53.39 3.59 0.00	45.90 2.76 0.00	42.92 1.73 0.00	40.58 1.67 0.00	39.08 1.61 0.00	38.05 1.53 0.00	38.87 1.78 0.00	40.73 1.98 0.00	45.28 2.40 0.00	52.27 3.47 0.00	48.89 3.32 0.00	45.16 2.60 0.00	40.27 2.06 0.00	38.03 1.84 0.00	35.83 1.83 0.00	34.87 1.75 0.00
NEWKRMKL_115KV_TB1 55635	35.93 0.43 0.00	34.41 0.44 0.00	34.45 0.44 0.00	34.54 0.38 0.00	35.10 0.38 0.00	37.79 0.45 0.00	45.85 0.99 0.00	52.92 1.24 0.00	51.00 1.20 0.00	43.92 0.78 0.00	41.60 0.41 0.00	39.34 0.43 0.00	37.92 0.45 0.00	36.96 0.44 0.00	37.61 0.52 0.00	39.45 0.70 0.00	43.78 0.90 0.00	50.17 1.37 0.00	46.88 1.32 0.00	43.55 0.98 0.00	39.05 0.84 0.00	37.06 0.87 0.00	34.88 0.88 0.00	33.91 0.79 0.00

NEWTON___FALLS_HYD 23847	34.87 -0.64 0.00	33.28 -0.68 0.00	33.33 -0.68 0.00	33.52 -0.65 0.00	33.99 -0.73 0.00	36.48 -0.86 0.00	43.78 -1.08 0.00	50.59 -1.09 0.00	48.86 -0.95 0.00	42.41 -0.73 0.00	40.57 -0.62 0.00	38.21 -0.70 0.00	36.80 -0.67 0.00	35.86 -0.66 0.00	36.42 -0.67 0.00	38.02 -0.74 0.00	42.02 -0.86 0.00	47.54 -1.27 0.00	44.33 -1.23 0.00	41.59 -0.98 0.00	37.18 -1.03 0.00	35.14 -1.05 0.00	33.04 -0.95 0.00	32.19 -0.93 0.00
NGRID_A1_DSASP 323792	34.26 -1.24 0.00	32.60 -1.36 0.00	32.65 -1.36 0.00	32.83 -1.33 0.00	33.43 -1.28 0.00	36.74 -0.60 0.00	43.65 -1.21 0.00	48.68 -3.00 0.00	46.37 -3.44 0.00	40.81 -2.33 0.00	39.13 -2.06 0.00	36.89 -2.03 0.00	35.37 -2.10 0.00	34.36 -2.15 0.00	34.38 -2.71 0.00	35.19 -3.56 0.00	39.02 -3.86 0.00	44.86 -3.95 0.00	41.42 -4.15 0.00	38.35 -4.21 0.00	34.69 -3.51 0.00	32.93 -3.26 0.00	31.07 -2.92 0.00	30.93 -2.19 0.00
NGRID_A2_DSASP 323793	34.26 -1.24 0.00	32.60 -1.36 0.00	32.65 -1.36 0.00	32.83 -1.33 0.00	33.43 -1.28 0.00	36.74 -0.60 0.00	43.65 -1.21 0.00	48.68 -3.00 0.00	46.37 -3.44 0.00	40.81 -2.33 0.00	39.13 -2.06 0.00	36.89 -2.03 0.00	35.37 -2.10 0.00	34.36 -2.15 0.00	34.38 -2.71 0.00	35.19 -3.56 0.00	39.02 -3.86 0.00	44.86 -3.95 0.00	41.42 -4.15 0.00	38.35 -4.21 0.00	34.69 -3.51 0.00	32.93 -3.26 0.00	31.07 -2.92 0.00	30.93 -2.19 0.00
NGRID_A4_DSASP 323807	34.26 -1.24 0.00	32.60 -1.36 0.00	32.65 -1.36 0.00	32.83 -1.33 0.00	33.43 -1.28 0.00	36.74 -0.60 0.00	43.65 -1.21 0.00	48.68 -3.00 0.00	46.37 -3.44 0.00	40.81 -2.33 0.00	39.13 -2.06 0.00	36.89 -2.03 0.00	35.37 -2.10 0.00	34.36 -2.15 0.00	34.38 -2.71 0.00	35.19 -3.56 0.00	39.02 -3.86 0.00	44.86 -3.95 0.00	41.42 -4.15 0.00	38.35 -4.21 0.00	34.69 -3.51 0.00	32.93 -3.26 0.00	31.07 -2.92 0.00	30.93 -2.19 0.00
NIAGARA_115E_LBMP 323715	34.20 -1.31 0.00	32.54 -1.43 0.00	32.58 -1.43 0.00	32.77 -1.40 0.00	33.36 -1.35 0.00	36.67 -0.67 0.00	43.60 -1.26 0.00	48.68 -3.00 0.00	46.37 -3.44 0.00	40.77 -2.37 0.00	39.13 -2.06 0.00	36.85 -2.06 0.00	35.34 -2.13 0.00	34.29 -2.23 0.00	34.34 -2.74 0.00	35.11 -3.64 0.00	38.98 -3.90 0.00	44.81 -4.00 0.00	41.37 -4.19 0.00	38.31 -4.26 0.00	34.62 -3.59 0.00	32.86 -3.33 0.00	30.97 -3.03 0.00	30.83 -2.28 0.00
NIAGARA_115W_LBMP 323714	34.20 -1.31 0.00	32.54 -1.43 0.00	32.58 -1.43 0.00	32.77 -1.40 0.00	33.36 -1.35 0.00	36.63 -0.71 0.00	43.51 -1.34 0.00	48.58 -3.10 0.00	46.27 -3.53 0.00	40.68 -2.46 0.00	39.05 -2.14 0.00	36.81 -2.10 0.00	35.30 -2.17 0.00	34.25 -2.26 0.00	34.31 -2.78 0.00	35.11 -3.64 0.00	38.93 -3.94 0.00	44.76 -4.05 0.00	41.33 -4.24 0.00	38.27 -4.30 0.00	34.62 -3.59 0.00	32.86 -3.33 0.00	31.00 -2.99 0.00	30.87 -2.25 0.00
NIAGARA_230_LBMP 323716	34.48 -1.03 0.00	32.81 -1.15 0.00	32.85 -1.16 0.00	33.04 -1.13 0.00	33.64 -1.08 0.00	36.93 -0.41 0.00	43.91 -0.94 0.00	49.05 -2.63 0.00	46.76 -3.04 0.00	41.07 -2.07 0.00	39.42 -1.77 0.00	37.12 -1.79 0.00	35.60 -1.87 0.00	34.58 -1.94 0.00	34.64 -2.45 0.00	35.46 -3.29 0.00	39.36 -3.52 0.00	45.25 -3.56 0.00	41.78 -3.78 0.00	38.69 -3.87 0.00	35.00 -3.21 0.00	33.22 -2.97 0.00	31.31 -2.69 0.00	31.17 -1.95 0.00
NIAGARA___115KV_198_GIBSON 55903	34.12 -1.38 0.00	32.54 -1.43 0.00	32.58 -1.43 0.00	33.04 -1.13 0.00	33.81 -0.90 0.00	36.56 -0.78 0.00	43.11 -1.75 0.00	47.75 -3.93 0.00	45.87 -3.93 0.00	39.82 -3.32 0.00	38.93 -2.27 0.00	36.73 -2.18 0.00	35.26 -2.21 0.00	34.18 -2.34 0.00	34.34 -2.74 0.00	35.07 -3.68 0.00	38.98 -3.90 0.00	44.51 -4.29 0.00	41.33 -4.24 0.00	38.27 -4.30 0.00	34.62 -3.59 0.00	32.90 -3.29 0.00	30.43 -3.57 0.00	30.34 -2.78 0.00
NIAGARA____ 23760	34.48 -1.03 0.00	32.81 -1.15 0.00	32.85 -1.16 0.00	33.04 -1.13 0.00	33.64 -1.08 0.00	36.93 -0.41 0.00	43.91 -0.94 0.00	49.05 -2.63 0.00	46.76 -3.04 0.00	41.07 -2.07 0.00	39.42 -1.77 0.00	37.12 -1.79 0.00	35.60 -1.87 0.00	34.58 -1.94 0.00	34.64 -2.45 0.00	35.46 -3.29 0.00	39.36 -3.52 0.00	45.25 -3.56 0.00	41.78 -3.78 0.00	38.69 -3.87 0.00	35.00 -3.21 0.00	33.22 -2.97 0.00	31.31 -2.69 0.00	31.17 -1.95 0.00
NINE_MILE_1 23575	34.30 -1.21 0.00	32.77 -1.19 0.00	32.82 -1.19 0.00	32.97 -1.20 0.00	33.50 -1.22 0.00	36.15 -1.20 0.00	43.56 -1.30 0.00	50.02 -1.66 0.00	48.16 -1.64 0.00	41.76 -1.38 0.00	39.83 -1.36 0.00	37.59 -1.32 0.00	36.16 -1.31 0.00	35.24 -1.28 0.00	35.72 -1.37 0.00	37.28 -1.47 0.00	41.29 -1.59 0.00	47.20 -1.61 0.00	43.97 -1.60 0.00	40.95 -1.62 0.00	36.80 -1.41 0.00	34.81 -1.38 0.00	32.74 -1.26 0.00	31.93 -1.19 0.00
NINE_MILE_2 23744	34.30 -1.21 0.00	32.77 -1.19 0.00	32.82 -1.19 0.00	32.97 -1.20 0.00	33.50 -1.22 0.00	36.15 -1.20 0.00	43.56 -1.30 0.00	50.02 -1.66 0.00	48.16 -1.64 0.00	41.76 -1.38 0.00	39.83 -1.36 0.00	37.59 -1.32 0.00	36.16 -1.31 0.00	35.24 -1.28 0.00	35.72 -1.37 0.00	37.28 -1.47 0.00	41.29 -1.59 0.00	47.20 -1.61 0.00	43.97 -1.60 0.00	40.95 -1.62 0.00	36.80 -1.41 0.00	34.81 -1.38 0.00	32.74 -1.26 0.00	31.93 -1.19 0.00
NM_CAPITAL___DRP 24208	36.08 0.57 0.00	34.54 0.58 0.00	34.56 0.54 0.00	34.68 0.51 0.00	35.24 0.52 0.00	37.90 0.56 0.00	45.98 1.12 0.00	53.13 1.45 0.00	51.15 1.34 0.00	44.04 0.91 0.00	41.73 0.54 0.00	39.50 0.58 0.00	38.03 0.56 0.00	37.10 0.58 0.00	37.76 0.67 0.00	39.57 0.81 0.00	43.91 1.03 0.00	50.32 1.51 0.00	47.02 1.46 0.00	43.72 1.15 0.00	39.20 0.99 0.00	37.17 0.98 0.00	35.02 1.02 0.00	34.05 0.93 0.00
NM_CENTRAL___DRP 24181	35.05 -0.46 0.00	33.49 -0.48 0.00	33.53 -0.48 0.00	33.72 -0.44 0.00	34.30 -0.42 0.00	36.97 -0.37 0.00	44.50 -0.36 0.00	51.06 -0.62 0.00	49.16 -0.65 0.00	42.49 -0.65 0.00	40.66 -0.54 0.00	38.37 -0.54 0.00	36.91 -0.56 0.00	35.93 -0.58 0.00	36.46 -0.63 0.00	38.02 -0.74 0.00	42.15 -0.73 0.00	48.17 -0.63 0.00	44.92 -0.64 0.00	41.76 -0.81 0.00	37.60 -0.61 0.00	35.61 -0.58 0.00	33.32 -0.68 0.00	32.52 -0.60 0.00
NM_FRONTIER___DRP 24179	34.12 -1.38 0.00	32.54 -1.43 0.00	32.58 -1.43 0.00	33.04 -1.13 0.00	33.81 -0.90 0.00	36.56 -0.78 0.00	43.11 -1.75 0.00	47.75 -3.93 0.00	45.87 -3.93 0.00	39.82 -3.32 0.00	38.93 -2.27 0.00	36.73 -2.18 0.00	35.26 -2.21 0.00	34.18 -2.34 0.00	34.34 -2.74 0.00	35.07 -3.68 0.00	38.98 -3.90 0.00	44.51 -4.29 0.00	41.33 -4.24 0.00	38.27 -4.30 0.00	34.62 -3.59 0.00	32.90 -3.29 0.00	30.43 -3.57 0.00	30.34 -2.78 0.00
NM_ST_REGIS___HYD 24053	35.44 -0.07 0.00	33.86 -0.10 0.00	33.87 -0.14 0.00	34.07 -0.10 0.00	34.51 -0.21 0.00	36.82 -0.52 0.00	43.83 -1.03 0.00	50.75 -0.93 0.00	49.06 -0.75 0.00	42.92 -0.22 0.00	41.23 0.04 0.00	38.79 -0.12 0.00	37.43 -0.04 0.00	36.48 -0.04 0.00	37.05 -0.04 0.00	38.60 -0.16 0.00	42.32 -0.56 0.00	47.59 -1.22 0.00	44.29 -1.28 0.00	41.59 -0.98 0.00	37.22 -0.99 0.00	35.14 -1.05 0.00	33.18 -0.82 0.00	32.42 -0.70 0.00

NORTHPORT___1 23551	43.22 2.48 -5.23	39.95 2.51 -3.47	36.32 2.31 0.00	36.52 2.36 0.00	40.80 2.39 -3.69	44.04 2.54 -4.16	51.57 3.99 -2.72	57.70 4.81 -1.21	54.55 4.73 -0.01	49.47 3.88 -2.45	43.91 2.72 0.00	41.40 2.49 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.79 2.71 0.00	43.02 3.06 -1.20	52.84 3.73 -6.24	62.01 4.83 -8.37	58.14 4.69 -7.89	50.32 4.00 -3.75	48.84 3.36 -7.26	44.46 2.93 -5.34	39.04 2.82 -2.22	38.21 2.59 -2.51
NORTHPORT___2 23552	43.22 2.48 -5.23	39.95 2.51 -3.47	36.32 2.31 0.00	36.52 2.36 0.00	40.80 2.39 -3.69	44.04 2.54 -4.16	51.57 3.99 -2.72	57.70 4.81 -1.21	54.55 4.73 -0.01	49.47 3.88 -2.45	43.91 2.72 0.00	41.40 2.49 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.79 2.71 0.00	43.02 3.06 -1.20	52.84 3.73 -6.24	62.01 4.83 -8.37	58.14 4.69 -7.89	50.32 4.00 -3.75	48.84 3.36 -7.26	44.46 2.93 -5.34	39.04 2.82 -2.22	38.21 2.59 -2.51
NORTHPORT___3 23553	42.62 1.88 -5.23	39.31 1.87 -3.47	35.68 1.67 0.00	35.88 1.71 0.00	40.14 1.74 -3.69	43.37 1.87 -4.16	50.22 2.65 -2.72	56.36 3.46 -1.21	53.30 3.49 -0.01	48.56 2.97 -2.45	43.33 2.14 0.00	41.17 2.26 0.00	39.64 2.17 0.00	38.67 2.15 0.00	39.54 2.45 0.00	42.67 2.71 -1.20	51.99 2.87 -6.24	61.03 3.85 -8.37	57.32 3.87 -7.88	49.47 3.15 -3.75	48.07 2.60 -7.26	44.10 2.57 -5.34	38.77 2.55 -2.22	37.91 2.28 -2.51
NORTHPORT___4 23650	42.62 1.88 -5.23	39.31 1.87 -3.47	35.68 1.67 0.00	35.88 1.71 0.00	40.14 1.74 -3.69	43.37 1.87 -4.16	50.22 2.65 -2.72	56.36 3.46 -1.21	53.30 3.49 -0.01	48.56 2.97 -2.45	43.33 2.14 0.00	41.17 2.26 0.00	39.64 2.17 0.00	38.67 2.15 0.00	39.54 2.45 0.00	42.67 2.71 -1.20	51.99 2.87 -6.24	61.03 3.85 -8.37	57.32 3.87 -7.88	49.47 3.15 -3.75	48.07 2.60 -7.26	44.10 2.57 -5.34	38.77 2.55 -2.22	37.91 2.28 -2.51
NORTHPORT___IC 23718	43.22 2.48 -5.23	39.95 2.51 -3.47	36.32 2.31 0.00	36.52 2.36 0.00	40.80 2.39 -3.69	44.04 2.54 -4.16	51.57 3.99 -2.72	57.70 4.81 -1.21	54.55 4.73 -0.01	49.47 3.88 -2.45	43.91 2.72 0.00	41.40 2.49 0.00	39.83 2.36 0.00	38.86 2.34 0.00	39.79 2.71 0.00	43.02 3.06 -1.20	52.84 3.73 -6.24	62.01 4.83 -8.37	58.14 4.69 -7.89	50.32 4.00 -3.75	48.84 3.36 -7.26	44.46 2.93 -5.34	39.04 2.82 -2.22	38.21 2.59 -2.51
NORTH___COUNTRY_ESR 323785	36.33 0.82 0.00	34.78 0.81 0.00	34.83 0.81 0.00	34.95 0.79 0.00	35.41 0.69 0.00	37.64 0.30 0.00	44.86 0.00 0.00	52.04 0.36 0.00	50.40 0.60 0.00	43.92 0.78 0.00	42.55 1.36 0.00	40.08 1.17 0.00	38.63 1.16 0.00	37.65 1.13 0.00	38.20 1.11 0.00	39.76 1.01 0.00	43.56 0.68 0.00	48.61 -0.19 0.00	44.97 -0.59 0.00	41.93 -0.64 0.00	37.48 -0.73 0.00	35.50 -0.69 0.00	33.25 -0.75 0.00	32.69 -0.43 0.00
NPX_GEN_1385_PROXY 323591	43.40 2.66 -5.23	40.46 3.02 -3.47	36.83 2.82 0.00	37.07 2.90 0.00	41.32 2.92 -3.69	44.50 2.84 -4.32	52.22 4.80 -2.56	57.70 4.81 -1.21	54.75 4.93 -0.01	49.47 3.88 -2.45	43.91 2.72 0.00	41.59 2.68 0.00	40.05 2.58 0.00	38.89 2.37 0.00	40.13 3.04 0.00	43.41 3.45 -1.20	53.79 4.67 -6.24	62.55 5.37 -8.37	58.42 4.97 -7.89	51.25 4.94 -3.75	49.60 4.13 -7.26	44.79 3.26 -5.34	39.51 3.30 -2.22	38.74 3.11 -2.51
NPX_GEN_CSC 323557	43.89 3.16 -5.23	40.50 3.06 -3.47	36.87 2.86 0.00	37.07 2.90 0.00	41.39 2.99 -3.69	44.88 3.21 -4.32	52.35 4.93 -2.56	58.99 6.10 -1.21	55.69 5.87 -0.01	50.37 4.79 -2.45	44.86 3.66 0.00	42.45 3.54 0.00	40.84 3.37 0.00	39.84 3.32 0.00	40.87 3.78 0.00	44.11 4.15 -1.20	54.26 5.14 -6.24	63.78 6.59 -8.38	59.88 6.43 -7.90	51.77 5.45 -3.75	50.06 4.58 -7.26	45.58 4.05 -5.34	39.96 3.74 -2.22	39.14 3.51 -2.51
NSINS_S_GLNS_FALLS 23858	37.43 1.92 0.00	35.80 1.83 0.00	35.98 1.97 0.00	36.12 1.95 0.00	36.76 2.05 0.00	39.66 2.32 0.00	48.40 3.54 0.00	55.61 3.93 0.00	53.34 3.54 0.00	45.81 2.67 0.00	43.46 2.27 0.00	41.01 2.10 0.00	39.46 1.99 0.00	38.45 1.94 0.00	39.17 2.08 0.00	41.12 2.36 0.00	45.67 2.79 0.00	52.47 3.66 0.00	48.93 3.37 0.00	45.59 3.02 0.00	40.88 2.67 0.00	38.79 2.61 0.00	36.24 2.24 0.00	35.24 2.12 0.00
NUCOR_STEEL___DRP 24197	35.51 0.00 0.00	33.93 -0.03 0.00	33.98 -0.03 0.00	34.20 0.03 0.00	34.78 0.07 0.00	37.57 0.22 0.00	45.35 0.49 0.00	51.99 0.31 0.00	50.05 0.25 0.00	43.27 0.13 0.00	41.44 0.25 0.00	39.07 0.16 0.00	37.51 0.04 0.00	36.52 0.00 0.00	37.05 -0.04 0.00	38.60 -0.16 0.00	42.84 -0.04 0.00	49.00 0.20 0.00	45.65 0.09 0.00	42.40 -0.17 0.00	38.09 -0.11 0.00	36.01 -0.18 0.00	33.66 -0.34 0.00	32.82 -0.30 0.00
NUMBER_THREE_WT_PWR 323818	35.58 0.07 0.00	34.00 0.03 0.00	34.04 0.03 0.00	34.20 0.03 0.00	34.75 0.03 0.00	37.53 0.19 0.00	45.35 0.49 0.00	52.40 0.72 0.00	50.50 0.70 0.00	43.61 0.48 0.00	41.52 0.33 0.00	39.15 0.23 0.00	37.70 0.23 0.00	36.70 0.18 0.00	37.27 0.19 0.00	38.91 0.16 0.00	43.26 0.39 0.00	49.20 0.39 0.00	45.88 0.32 0.00	42.91 0.34 0.00	38.32 0.11 0.00	36.26 0.07 0.00	33.89 -0.10 0.00	32.99 -0.13 0.00
NYISO_LBMP_REFERENCE 24008	35.51 0.00 0.00	33.96 0.00 0.00	34.01 0.00 0.00	34.17 0.00 0.00	34.71 0.00 0.00	37.34 0.00 0.00	44.86 0.00 0.00	51.68 0.00 0.00	49.80 0.00 0.00	43.14 0.00 0.00	41.19 0.00 0.00	38.91 0.00 0.00	37.47 0.00 0.00	36.52 0.00 0.00	37.09 0.00 0.00	38.76 0.00 0.00	42.88 0.00 0.00	48.81 0.00 0.00	45.56 0.00 0.00	42.57 0.00 0.00	38.21 0.00 0.00	36.19 0.00 0.00	34.00 0.00 0.00	33.12 0.00 0.00
NYPA_BRENTWD___GT 24164	43.58 2.84 -5.23	40.22 2.79 -3.47	36.59 2.58 0.00	36.76 2.60 0.00	41.08 2.67 -3.69	44.38 2.88 -4.16	52.06 4.49 -2.72	58.37 5.48 -1.21	55.15 5.33 -0.01	49.94 4.36 -2.45	44.44 3.25 0.00	41.98 3.07 0.00	40.39 2.92 0.00	39.40 2.88 0.00	40.35 3.26 0.00	43.60 3.64 -1.20	53.57 4.46 -6.24	62.89 5.71 -8.38	59.01 5.56 -7.89	51.04 4.72 -3.75	49.45 3.97 -7.26	45.04 3.51 -5.34	39.51 3.30 -2.22	38.67 3.05 -2.51
NYPA_GOWANUS___GT5 24156	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01
NYPA_GOWANUS___GT6 24157	37.29 1.77 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.78 1.61 -0.01	36.29 1.56 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.30 3.62 0.00	53.34 3.54 0.00	46.11 2.97 0.00	43.00 1.81 0.00	40.97 2.06 0.00	39.53 2.06 0.00	38.60 2.08 0.00	39.35 2.26 0.00	41.51 2.75 0.00	46.01 3.13 0.00	53.23 4.20 -0.23	49.94 4.37 -0.01	46.06 3.49 0.00	41.04 2.83 0.00	38.80 2.61 0.00	36.69 2.69 -0.01	35.51 2.39 -0.01

NYPA_HARLEM__RVR__GT1 24160	36.89 1.38 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.43 1.26 0.00	35.83 1.11 0.00	38.39 1.04 0.00	47.00 2.15 0.01	54.67 3.00 0.01	52.83 3.04 0.01	45.68 2.54 0.01	42.62 1.44 0.01	40.66 1.75 0.01	39.22 1.76 0.01	38.26 1.75 0.01	39.04 1.96 0.01	41.11 2.36 0.01	45.53 2.66 0.01	52.41 3.61 0.01	49.38 3.83 0.01	45.54 2.98 0.01	40.65 2.45 0.01	38.35 2.17 0.01	36.59 2.58 -0.01	35.41 2.28 -0.01
NYPA_HARLEM__RVR__GT2 24161	36.89 1.38 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.43 1.26 0.00	35.83 1.11 0.00	38.39 1.04 0.00	47.00 2.15 0.01	54.67 3.00 0.01	52.83 3.04 0.01	45.68 2.54 0.01	42.62 1.44 0.01	40.66 1.75 0.01	39.22 1.76 0.01	38.26 1.75 0.01	39.04 1.96 0.01	41.11 2.36 0.01	45.53 2.66 0.01	52.41 3.61 0.01	49.38 3.83 0.01	45.54 2.98 0.01	40.65 2.45 0.01	38.35 2.17 0.01	36.59 2.58 -0.01	35.41 2.28 -0.01
NYPA_KENT____GT 24152	37.18 1.67 0.00	35.67 1.70 0.00	35.55 1.53 0.00	35.67 1.50 0.00	36.18 1.46 0.00	38.84 1.50 0.00	47.55 2.69 0.00	55.20 3.52 0.00	53.29 3.49 0.00	46.07 2.93 0.00	42.96 1.77 0.00	40.93 2.02 0.00	39.49 2.02 0.00	38.56 2.04 0.00	39.31 2.23 0.00	41.43 2.67 0.00	45.92 3.04 0.00	52.98 4.05 -0.13	49.80 4.24 0.00	45.97 3.41 0.00	40.96 2.75 0.00	38.68 2.50 0.00	36.59 2.58 -0.01	35.41 2.28 -0.01
NYPA_POUCH1____GT 24155	37.29 1.77 -0.01	35.80 1.83 -0.01	35.69 1.67 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.64 2.78 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.94 2.80 0.00	42.80 1.60 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.20 2.11 0.00	41.35 2.60 0.00	45.88 3.00 0.00	53.04 4.00 -0.23	49.81 4.24 -0.01	45.93 3.36 0.00	40.92 2.71 0.00	38.72 2.53 0.00	36.66 2.65 -0.01	35.48 2.35 -0.01
NYPA_VERNON____GT2 24162	37.04 1.53 0.00	35.56 1.60 0.00	35.44 1.43 0.00	35.57 1.40 0.00	36.07 1.35 0.00	38.73 1.38 0.00	47.41 2.56 0.00	55.09 3.41 0.00	53.19 3.39 0.00	45.99 2.85 0.00	42.92 1.73 0.00	40.89 1.98 0.00	39.45 1.98 0.00	38.53 2.01 0.00	39.28 2.19 0.00	41.35 2.60 0.00	45.83 2.96 0.00	52.75 3.91 -0.03	49.67 4.10 0.00	45.85 3.28 0.00	40.88 2.67 0.00	38.61 2.42 0.00	36.49 2.48 -0.01	35.35 2.22 -0.01
NYPA_VERNON____GT3 24163	37.04 1.53 0.00	35.56 1.60 0.00	35.44 1.43 0.00	35.57 1.40 0.00	36.07 1.35 0.00	38.73 1.38 0.00	47.41 2.56 0.00	55.09 3.41 0.00	53.19 3.39 0.00	45.99 2.85 0.00	42.92 1.73 0.00	40.89 1.98 0.00	39.45 1.98 0.00	38.53 2.01 0.00	39.28 2.19 0.00	41.35 2.60 0.00	45.83 2.96 0.00	52.75 3.91 -0.03	49.67 4.10 0.00	45.85 3.28 0.00	40.88 2.67 0.00	38.61 2.42 0.00	36.49 2.48 -0.01	35.35 2.22 -0.01
NYPA__ASTORIA_CC1 323568	37.00 1.49 0.00	35.53 1.56 0.00	35.41 1.39 0.00	35.54 1.37 0.00	36.00 1.29 0.00	38.65 1.31 0.00	47.32 2.47 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.90 2.76 0.00	42.84 1.65 0.00	40.82 1.91 0.00	39.42 1.95 0.00	38.45 1.93 0.00	39.20 2.11 0.00	41.27 2.52 0.00	45.75 2.87 0.00	52.66 3.85 0.00	49.57 4.01 0.00	45.76 3.19 0.00	40.84 2.63 0.00	38.54 2.35 0.00	36.45 2.45 -0.01	35.31 2.19 -0.01
NYPA__ASTORIA_CC2 323569	37.00 1.49 0.00	35.53 1.56 0.00	35.41 1.39 0.00	35.54 1.37 0.00	36.00 1.29 0.00	38.65 1.31 0.00	47.32 2.47 0.00	54.99 3.31 0.00	53.09 3.29 0.00	45.90 2.76 0.00	42.84 1.65 0.00	40.82 1.91 0.00	39.42 1.95 0.00	38.45 1.93 0.00	39.20 2.11 0.00	41.27 2.52 0.00	45.75 2.87 0.00	52.66 3.85 0.00	49.57 4.01 0.00	45.76 3.19 0.00	40.84 2.63 0.00	38.54 2.35 0.00	36.45 2.45 -0.01	35.31 2.19 -0.01
NYPA__HOLTSVILL 23794	43.43 2.70 -5.23	40.09 2.65 -3.47	36.46 2.45 0.00	36.63 2.46 0.00	40.94 2.53 -3.69	44.23 2.72 -4.16	51.84 4.26 -2.72	58.17 5.27 -1.21	54.95 5.13 -0.01	49.73 4.14 -2.45	44.24 3.05 0.00	41.87 2.96 0.00	40.28 2.81 0.00	39.29 2.77 0.00	40.28 3.19 0.00	43.48 3.53 -1.20	53.44 4.33 -6.24	62.75 5.56 -8.38	58.88 5.42 -7.90	50.92 4.60 -3.75	49.33 3.86 -7.26	44.93 3.40 -5.34	39.41 3.19 -2.22	38.61 2.98 -2.51
NYPA__HELLGATE_GT1 24158	36.89 1.38 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.43 1.26 0.00	35.83 1.11 0.00	38.39 1.04 0.00	47.00 2.15 0.01	54.67 3.00 0.01	52.83 3.04 0.01	45.68 2.54 0.01	42.62 1.44 0.01	40.66 1.75 0.01	39.22 1.76 0.01	38.26 1.75 0.01	39.04 1.96 0.01	41.11 2.36 0.01	45.53 2.66 0.01	52.41 3.61 0.01	49.38 3.83 0.01	45.54 2.98 0.01	40.65 2.45 0.01	38.35 2.17 0.01	36.59 2.58 -0.01	35.41 2.28 -0.01
NYPA__HELLGATE_GT2 24159	36.89 1.38 0.00	35.53 1.56 0.00	35.34 1.33 0.00	35.43 1.26 0.00	35.83 1.11 0.00	38.39 1.04 0.00	47.00 2.15 0.01	54.67 3.00 0.01	52.83 3.04 0.01	45.68 2.54 0.01	42.62 1.44 0.01	40.66 1.75 0.01	39.22 1.76 0.01	38.26 1.75 0.01	39.04 1.96 0.01	41.11 2.36 0.01	45.53 2.66 0.01	52.41 3.61 0.01	49.38 3.83 0.01	45.54 2.98 0.01	40.65 2.45 0.01	38.35 2.17 0.01	36.59 2.58 -0.01	35.41 2.28 -0.01
NYS_BARGE__HYD 23848	34.83 -0.68 0.00	33.12 -0.85 0.00	33.16 -0.85 0.00	33.35 -0.82 0.00	33.98 -0.73 0.00	37.34 0.00 0.00	44.50 -0.36 0.00	49.77 -1.91 0.00	47.41 -2.39 0.00	41.72 -1.42 0.00	39.99 -1.20 0.00	37.66 -1.25 0.00	36.08 -1.39 0.00	35.02 -1.50 0.00	35.05 -2.04 0.00	35.85 -2.91 0.00	39.75 -3.13 0.00	45.78 -3.03 0.00	42.24 -3.32 0.00	39.08 -3.49 0.00	35.30 -2.91 0.00	33.51 -2.68 0.00	31.55 -2.45 0.00	31.36 -1.76 0.00
OAK ORCHARD__HYD 24046	35.12 -0.39 0.00	33.39 -0.58 0.00	33.47 -0.55 0.00	33.62 -0.55 0.00	34.23 -0.49 0.00	37.38 0.04 0.00	44.90 0.04 0.00	50.85 -0.83 0.00	48.71 -1.10 0.00	42.67 -0.47 0.00	40.82 -0.37 0.00	38.40 -0.51 0.00	36.80 -0.67 0.00	35.79 -0.73 0.00	36.05 -1.04 0.00	37.17 -1.59 0.00	41.25 -1.63 0.00	47.39 -1.42 0.00	43.97 -1.60 0.00	40.70 -1.87 0.00	36.64 -1.57 0.00	34.70 -1.49 0.00	32.57 -1.43 0.00	32.03 -1.09 0.00
OAKDALE__35_KV_LOAD 356122	35.86 0.36 0.00	34.27 0.31 0.00	34.32 0.31 0.00	34.54 0.38 0.00	35.17 0.45 0.00	37.94 0.60 0.00	45.76 0.90 0.00	52.40 0.72 0.00	50.40 0.60 0.00	43.48 0.35 0.00	41.60 0.41 0.00	39.26 0.35 0.00	37.77 0.30 0.00	36.74 0.22 0.00	37.24 0.15 0.00	38.76 0.00 0.00	43.05 0.17 0.00	49.34 0.54 0.00	45.93 0.36 0.00	42.61 0.04 0.00	38.29 0.08 0.00	36.23 0.04 0.00	33.89 -0.10 0.00	33.09 -0.03 0.00
OCC_CHEM__DRP 24175	34.19 -1.31 0.00	32.61 -1.36 0.00	32.65 -1.36 0.00	33.11 -1.06 0.00	33.92 -0.80 0.00	36.63 -0.71 0.00	43.20 -1.66 0.00	47.86 -3.82 0.00	45.97 -3.83 0.00	39.90 -3.24 0.00	39.01 -2.18 0.00	36.81 -2.10 0.00	35.37 -2.10 0.00	34.25 -2.26 0.00	34.42 -2.67 0.00	35.15 -3.60 0.00	39.06 -3.82 0.00	44.61 -4.20 0.00	41.37 -4.19 0.00	38.35 -4.21 0.00	34.69 -3.52 0.00	32.93 -3.26 0.00	30.46 -3.54 0.00	30.40 -2.72 0.00

OH_GEN_PROXY 24063	34.51 -0.99 0.00	32.81 -1.15 0.00	32.89 -1.12 0.00	33.07 -1.09 0.00	33.67 -1.04 0.00	37.13 -0.37 -0.16	43.80 -0.90 0.16	49.20 -2.48 0.00	46.86 -2.94 0.00	41.20 -1.94 0.00	39.50 -1.69 0.00	37.20 -1.71 0.00	35.71 -1.76 0.00	34.66 -1.86 0.00	34.75 -2.34 0.00	35.58 -3.18 0.00	39.49 -3.39 0.00	45.44 -3.37 0.00	41.96 -3.60 0.00	38.82 -3.75 0.00	35.08 -3.13 0.00	33.33 -2.86 0.00	31.38 -2.62 0.00	31.20 -1.92 0.00
OLIN_CORP_DRP 24177	34.19 -1.31 0.00	32.61 -1.36 0.00	32.65 -1.36 0.00	33.11 -1.06 0.00	33.92 -0.80 0.00	36.63 -0.71 0.00	43.29 -1.57 0.00	47.96 -3.72 0.00	46.07 -3.74 0.00	39.99 -3.15 0.00	39.09 -2.10 0.00	36.85 -2.06 0.00	35.41 -2.06 0.00	34.29 -2.23 0.00	34.46 -2.63 0.00	35.19 -3.57 0.00	39.06 -3.82 0.00	44.66 -4.15 0.00	41.46 -4.10 0.00	38.40 -4.17 0.00	34.69 -3.52 0.00	32.97 -3.22 0.00	30.46 -3.54 0.00	30.40 -2.72 0.00
OLIN_CORP_DSASP 323712	34.26 -1.24 0.00	32.60 -1.36 0.00	32.65 -1.36 0.00	32.83 -1.33 0.00	33.43 -1.28 0.00	36.74 -0.60 0.00	43.65 -1.21 0.00	48.68 -3.00 0.00	46.37 -3.44 0.00	40.81 -2.33 0.00	39.13 -2.06 0.00	36.89 -2.03 0.00	35.37 -2.10 0.00	34.36 -2.15 0.00	34.38 -2.71 0.00	35.19 -3.56 0.00	39.02 -3.86 0.00	44.86 -3.95 0.00	41.42 -4.15 0.00	38.35 -4.21 0.00	34.69 -3.51 0.00	32.93 -3.26 0.00	31.07 -2.92 0.00	30.93 -2.19 0.00
ONEIDA_HERK_LFGE 323681	36.22 0.71 0.00	34.58 0.61 0.00	34.62 0.61 0.00	34.82 0.65 0.00	35.37 0.66 0.00	38.20 0.86 0.00	46.20 1.34 0.00	53.33 1.65 0.00	51.40 1.59 0.00	44.39 1.25 0.00	42.10 0.91 0.00	39.84 0.93 0.00	38.37 0.90 0.00	37.36 0.84 0.00	37.94 0.85 0.00	39.61 0.85 0.00	43.99 1.11 0.00	50.13 1.32 0.00	46.74 1.18 0.00	43.63 1.06 0.00	39.05 0.84 0.00	36.91 0.72 0.00	34.57 0.58 0.00	33.62 0.50 0.00
ONEIDA___115KV_TB4 55905	36.57 1.07 0.00	34.91 0.95 0.00	35.00 0.99 0.00	35.16 0.99 0.00	35.76 1.04 0.00	38.69 1.34 0.00	46.79 1.93 0.00	53.90 2.22 0.00	51.90 2.09 0.00	44.74 1.60 0.00	42.63 1.44 0.00	40.23 1.32 0.00	38.74 1.27 0.00	37.72 1.21 0.00	38.28 1.19 0.00	39.96 1.20 0.00	44.38 1.50 0.00	50.56 1.76 0.00	47.11 1.55 0.00	43.89 1.32 0.00	39.32 1.11 0.00	37.20 1.01 0.00	34.78 0.78 0.00	33.88 0.76 0.00
ONONDAGA_REF_OCCRA 23987	35.26 -0.25 0.00	33.69 -0.27 0.00	33.74 -0.27 0.00	33.93 -0.24 0.00	34.51 -0.21 0.00	37.19 -0.15 0.00	44.86 0.00 0.00	51.37 0.00 0.00	49.45 -0.35 0.00	42.75 -0.39 0.00	40.90 -0.29 0.00	38.60 -0.31 0.00	37.10 -0.37 0.00	36.15 -0.37 0.00	36.64 -0.45 0.00	38.21 -0.54 0.00	42.41 -0.47 0.00	48.51 -0.29 0.00	45.29 -0.27 0.00	42.10 -0.47 0.00	37.87 -0.34 0.00	35.86 -0.33 0.00	33.55 -0.44 0.00	32.72 -0.40 0.00
ONONDAGA___COGEN 23986	35.22 -0.28 0.00	33.66 -0.31 0.00	33.70 -0.31 0.00	33.89 -0.27 0.00	34.47 -0.24 0.00	37.19 -0.15 0.00	44.81 -0.04 0.00	51.37 -0.31 0.00	49.50 -0.30 0.00	42.79 -0.35 0.00	40.94 -0.25 0.00	38.60 -0.31 0.00	37.13 -0.34 0.00	36.15 -0.37 0.00	36.68 -0.41 0.00	38.25 -0.50 0.00	42.41 -0.47 0.00	48.51 -0.29 0.00	45.24 -0.32 0.00	42.06 -0.51 0.00	37.83 -0.38 0.00	35.79 -0.40 0.00	33.49 -0.51 0.00	32.69 -0.43 0.00
ONTARIO___LFGE 23819	36.04 0.53 0.00	34.30 0.34 0.00	34.35 0.34 0.00	34.58 0.41 0.00	35.20 0.49 0.00	38.35 1.01 0.00	46.16 1.30 0.00	52.77 1.09 0.00	50.55 0.75 0.00	44.00 0.86 0.00	42.14 0.95 0.00	39.61 0.70 0.00	37.96 0.49 0.00	36.92 0.40 0.00	37.27 0.19 0.00	38.68 -0.08 0.00	42.71 -0.17 0.00	49.20 0.39 0.00	45.61 0.05 0.00	42.31 -0.25 0.00	38.10 -0.11 0.00	35.97 -0.22 0.00	33.69 -0.31 0.00	32.99 -0.13 0.00
ORANGEVILLE_WT_PWR 323706	35.54 0.04 0.00	33.86 -0.10 0.00	33.91 -0.10 0.00	34.17 0.00 0.00	34.82 0.10 0.00	38.16 0.82 0.00	45.67 0.81 0.00	51.47 -0.21 0.00	49.11 -0.70 0.00	42.97 -0.17 0.00	41.03 -0.16 0.00	38.60 -0.31 0.00	36.98 -0.49 0.00	35.82 -0.69 0.00	35.87 -1.22 0.00	36.74 -2.02 0.00	40.69 -2.19 0.00	46.85 -1.95 0.00	43.24 -2.32 0.00	40.01 -2.55 0.00	36.07 -2.14 0.00	34.16 -2.03 0.00	32.16 -1.84 0.00	31.86 -1.26 0.00
ORANGEVILLE___ESR 323794	35.54 0.04 0.00	33.86 -0.10 0.00	33.91 -0.10 0.00	34.17 0.00 0.00	34.82 0.10 0.00	38.16 0.82 0.00	45.67 0.81 0.00	51.47 -0.21 0.00	49.11 -0.70 0.00	42.97 -0.17 0.00	41.03 -0.16 0.00	38.60 -0.31 0.00	36.98 -0.49 0.00	35.82 -0.69 0.00	35.87 -1.22 0.00	36.74 -2.02 0.00	40.69 -2.19 0.00	46.85 -1.95 0.00	43.24 -2.32 0.00	40.01 -2.55 0.00	36.07 -2.14 0.00	34.16 -2.03 0.00	32.16 -1.84 0.00	31.86 -1.26 0.00
OSWEGATCHIE___HYD 24044	34.69 -0.82 0.00	33.28 -0.68 0.00	33.33 -0.68 0.00	33.48 -0.68 0.00	34.02 -0.69 0.00	36.48 -0.86 0.00	43.78 -1.08 0.00	50.59 -1.09 0.00	48.86 -0.95 0.00	42.28 -0.86 0.00	40.57 -0.62 0.00	38.21 -0.70 0.00	36.80 -0.67 0.00	35.86 -0.66 0.00	36.42 -0.67 0.00	38.02 -0.74 0.00	42.06 -0.82 0.00	47.54 -1.27 0.00	44.33 -1.23 0.00	41.59 -0.98 0.00	37.18 -1.03 0.00	35.29 -0.90 0.00	33.01 -0.99 0.00	32.16 -0.96 0.00
OSWEGO___5 23606	34.62 -0.89 0.00	33.05 -0.92 0.00	33.09 -0.92 0.00	33.25 -0.92 0.00	33.81 -0.90 0.00	36.48 -0.86 0.00	43.96 -0.90 0.00	50.49 -1.19 0.00	48.61 -1.20 0.00	42.15 -0.99 0.00	40.20 -0.99 0.00	37.90 -1.01 0.00	36.46 -1.01 0.00	35.53 -0.98 0.00	36.05 -1.04 0.00	37.59 -1.16 0.00	41.63 -1.24 0.00	47.59 -1.22 0.00	44.38 -1.18 0.00	41.29 -1.28 0.00	37.10 -1.11 0.00	35.10 -1.08 0.00	32.98 -1.02 0.00	32.16 -0.96 0.00
OSWEGO___6 23613	34.62 -0.89 0.00	33.05 -0.92 0.00	33.09 -0.92 0.00	33.25 -0.92 0.00	33.81 -0.90 0.00	36.48 -0.86 0.00	43.96 -0.90 0.00	50.49 -1.19 0.00	48.61 -1.20 0.00	42.15 -0.99 0.00	40.20 -0.99 0.00	37.90 -1.01 0.00	36.46 -1.01 0.00	35.53 -0.98 0.00	36.05 -1.04 0.00	37.59 -1.16 0.00	41.63 -1.24 0.00	47.59 -1.22 0.00	44.38 -1.18 0.00	41.29 -1.28 0.00	37.10 -1.11 0.00	35.10 -1.08 0.00	32.98 -1.02 0.00	32.16 -0.96 0.00
OUTOKUMPU-AB___DRP 24206	35.12 -0.39 0.00	33.49 -0.48 0.00	33.50 -0.51 0.00	34.00 -0.17 0.00	34.85 0.14 0.00	37.64 0.30 0.00	44.54 -0.31 0.00	49.51 -2.17 0.00	47.56 -2.24 0.00	41.28 -1.85 0.00	40.28 -0.91 0.00	37.98 -0.93 0.00	36.46 -1.01 0.00	35.31 -1.21 0.00	35.42 -1.67 0.00	36.16 -2.60 0.00	40.13 -2.74 0.00	45.93 -2.88 0.00	42.60 -2.96 0.00	39.46 -3.11 0.00	35.65 -2.56 0.00	33.84 -2.35 0.00	31.28 -2.72 0.00	31.13 -1.99 0.00
OXBOW___BTM 323836	34.80 -0.71 0.00	33.08 -0.88 0.00	33.13 -0.88 0.00	33.32 -0.85 0.00	33.95 -0.76 0.00	37.30 -0.04 0.00	44.37 -0.49 0.00	49.61 -2.07 0.00	47.27 -2.54 0.00	41.54 -1.60 0.00	39.87 -1.32 0.00	37.55 -1.36 0.00	35.97 -1.50 0.00	34.95 -1.57 0.00	34.98 -2.11 0.00	35.73 -3.02 0.00	39.62 -3.26 0.00	45.58 -3.22 0.00	42.10 -3.46 0.00	38.95 -3.62 0.00	35.23 -2.98 0.00	33.44 -2.75 0.00	31.48 -2.52 0.00	31.33 -1.79 0.00

OXBOW____ 24026	34.73 -0.78 0.00	33.08 -0.88 0.00	33.13 -0.88 0.00	33.59 -0.58 0.00	34.40 -0.31 0.00	37.19 -0.15 0.00	43.96 -0.90 0.00	48.79 -2.89 0.00	46.86 -2.94 0.00	40.68 -2.46 0.00	39.71 -1.48 0.00	37.47 -1.44 0.00	35.97 -1.50 0.00	34.84 -1.68 0.00	34.97 -2.11 0.00	35.73 -3.02 0.00	39.66 -3.22 0.00	45.34 -3.47 0.00	42.05 -3.51 0.00	38.95 -3.62 0.00	35.19 -3.02 0.00	33.44 -2.75 0.00	30.90 -3.09 0.00	30.80 -2.32 0.00
OXY_CHEM_DSASP 323612	34.19 -1.31 0.00	32.61 -1.36 0.00	32.65 -1.36 0.00	33.11 -1.06 0.00	33.92 -0.80 0.00	36.63 -0.71 0.00	43.20 -1.66 0.00	47.86 -3.82 0.00	45.97 -3.83 0.00	39.90 -3.24 0.00	39.01 -2.18 0.00	36.81 -2.10 0.00	35.37 -2.10 0.00	34.25 -2.26 0.00	34.42 -2.67 0.00	35.15 -3.60 0.00	39.06 -3.82 0.00	44.61 -4.20 0.00	41.37 -4.19 0.00	38.35 -4.21 0.00	34.69 -3.52 0.00	32.93 -3.26 0.00	30.46 -3.54 0.00	30.40 -2.72 0.00
OZONE_PARK_ESR 323760	37.14 1.63 0.00	35.63 1.66 0.00	35.51 1.50 0.00	35.71 1.54 0.00	36.21 1.49 0.00	38.95 1.61 0.00	47.73 2.87 0.00	55.56 3.88 0.00	53.59 3.79 0.00	45.94 2.80 0.00	43.17 1.98 0.00	41.09 2.18 0.00	39.64 2.17 0.00	38.71 2.19 0.00	39.39 2.30 0.00	41.47 2.71 0.00	46.18 3.30 0.00	53.00 4.20 0.00	49.80 4.24 0.00	45.97 3.41 0.00	41.15 2.94 0.00	38.90 2.71 0.00	36.65 2.65 0.00	35.44 2.32 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.19 -1.31 0.00	32.61 -1.36 0.00	32.65 -1.36 0.00	33.11 -1.06 0.00	33.92 -0.80 0.00	36.63 -0.71 0.00	43.20 -1.66 0.00	47.86 -3.82 0.00	45.97 -3.83 0.00	39.90 -3.24 0.00	39.01 -2.18 0.00	36.81 -2.10 0.00	35.37 -2.10 0.00	34.25 -2.26 0.00	34.42 -2.67 0.00	35.15 -3.60 0.00	39.06 -3.82 0.00	44.61 -4.20 0.00	41.37 -4.19 0.00	38.35 -4.21 0.00	34.69 -3.52 0.00	32.93 -3.26 0.00	30.46 -3.54 0.00	30.40 -2.72 0.00
PACKARD__115KV_DUPONT_184 80571	34.19 -1.31 0.00	32.61 -1.36 0.00	32.65 -1.36 0.00	33.11 -1.06 0.00	33.92 -0.80 0.00	36.63 -0.71 0.00	43.20 -1.66 0.00	47.86 -3.82 0.00	45.97 -3.83 0.00	39.90 -3.24 0.00	39.01 -2.18 0.00	36.81 -2.10 0.00	35.37 -2.10 0.00	34.25 -2.26 0.00	34.42 -2.67 0.00	35.15 -3.60 0.00	39.06 -3.82 0.00	44.61 -4.20 0.00	41.37 -4.19 0.00	38.35 -4.21 0.00	34.69 -3.52 0.00	32.93 -3.26 0.00	30.46 -3.54 0.00	30.40 -2.72 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.89 1.38 0.00	35.56 1.60 0.00	35.37 1.36 0.00	35.53 1.37 0.00	35.93 1.22 0.00	38.50 1.16 0.00	47.10 2.24 0.00	54.83 3.15 0.00	52.89 3.09 0.00	45.38 2.24 0.00	42.63 1.44 0.00	40.58 1.67 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.94 1.85 0.00	41.04 2.29 0.00	45.62 2.74 0.00	52.37 3.56 0.00	49.25 3.69 0.00	45.42 2.85 0.00	40.65 2.45 0.00	38.43 2.24 0.00	36.66 2.65 -0.01	35.45 2.32 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.32 1.81 0.00	35.93 1.97 0.00	35.78 1.77 0.00	35.94 1.78 0.00	36.35 1.63 0.00	38.91 1.57 0.00	47.64 2.78 0.00	55.40 3.72 0.00	53.44 3.64 0.00	45.81 2.67 0.00	43.00 1.81 0.00	40.93 2.02 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.28 2.19 0.00	41.43 2.67 0.00	46.05 3.17 0.00	52.91 4.10 0.00	49.71 4.15 0.00	45.85 3.28 0.00	41.00 2.79 0.00	38.79 2.61 0.00	37.00 2.99 -0.01	35.81 2.68 -0.01
PATROON__115KV_TB1 80586	36.04 0.53 0.00	34.51 0.54 0.00	34.56 0.54 0.00	34.65 0.48 0.00	35.20 0.49 0.00	37.90 0.56 0.00	45.98 1.12 0.00	53.13 1.45 0.00	51.15 1.34 0.00	44.04 0.91 0.00	41.73 0.54 0.00	39.46 0.54 0.00	38.03 0.56 0.00	37.07 0.55 0.00	37.72 0.63 0.00	39.57 0.81 0.00	43.91 1.03 0.00	50.32 1.51 0.00	47.02 1.46 0.00	43.67 1.11 0.00	39.16 0.96 0.00	37.17 0.98 0.00	34.98 0.99 0.00	34.01 0.89 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.97 0.46 0.00	34.27 0.31 0.00	34.28 0.27 0.00	34.82 0.65 0.00	35.65 0.94 0.00	38.50 1.16 0.00	45.80 0.94 0.00	51.21 -0.47 0.00	49.06 -0.75 0.00	42.45 -0.69 0.00	41.31 0.12 0.00	38.99 0.08 0.00	37.43 -0.04 0.00	36.26 -0.26 0.00	36.35 -0.74 0.00	37.17 -1.59 0.00	41.25 -1.63 0.00	47.34 -1.46 0.00	43.88 -1.69 0.00	40.57 -2.00 0.00	36.57 -1.64 0.00	34.71 -1.48 0.00	32.13 -1.87 0.00	31.93 -1.19 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	37.32 1.81 0.00	35.73 1.77 0.00	35.68 1.67 0.00	35.88 1.71 0.00	36.31 1.60 0.00	39.06 1.72 0.00	47.73 2.87 0.00	55.25 3.57 0.00	53.54 3.74 0.00	45.73 2.59 0.00	43.09 1.89 0.00	40.74 1.83 0.00	39.27 1.80 0.00	38.27 1.75 0.00	39.02 1.93 0.00	41.00 2.25 0.00	45.62 2.74 0.00	52.61 3.81 0.00	49.21 3.64 0.00	45.38 2.81 0.00	40.62 2.41 0.00	38.47 2.28 0.00	36.21 2.21 0.00	35.11 1.99 0.00
PEEKSKILL____ 23653	36.79 1.28 0.00	35.25 1.29 0.00	35.17 1.16 0.00	35.33 1.16 0.00	35.86 1.14 0.00	38.54 1.19 0.00	47.06 2.20 0.00	54.62 2.94 0.00	52.74 2.94 0.00	45.51 2.37 0.00	42.67 1.48 0.00	40.51 1.60 0.00	39.08 1.61 0.00	38.12 1.60 0.00	38.83 1.74 0.00	40.81 2.05 0.00	45.23 2.36 0.00	52.13 3.32 0.00	48.89 3.32 0.00	45.21 2.64 0.00	40.42 2.22 0.00	38.18 1.99 0.00	35.90 1.90 0.00	34.81 1.69 0.00
PGE MADISON__WINDPWR 24146	39.27 3.76 0.00	37.36 3.40 0.00	37.35 3.33 0.00	37.65 3.49 0.00	38.22 3.50 0.00	41.78 4.44 0.00	50.91 6.05 0.00	58.65 6.97 0.00	56.28 6.47 0.00	48.79 5.65 0.00	46.26 5.06 0.00	43.19 4.28 0.00	41.37 3.90 0.00	40.17 3.65 0.00	40.68 3.60 0.00	42.28 3.53 0.00	47.21 4.33 0.00	54.13 5.32 0.00	50.21 4.65 0.00	46.65 4.09 0.00	41.53 3.32 0.00	39.09 2.90 0.00	36.20 2.21 0.00	35.27 2.15 0.00
PIERCEFIELD__HYD 23852	35.08 -0.43 0.00	33.52 -0.44 0.00	33.57 -0.44 0.00	33.72 -0.44 0.00	34.16 -0.56 0.00	36.48 -0.86 0.00	43.42 -1.44 0.00	50.23 -1.45 0.00	48.51 -1.29 0.00	42.41 -0.73 0.00	40.70 -0.49 0.00	38.29 -0.62 0.00	36.95 -0.52 0.00	36.01 -0.51 0.00	36.57 -0.52 0.00	38.14 -0.62 0.00	41.89 -0.99 0.00	47.10 -1.71 0.00	43.92 -1.64 0.00	41.33 -1.23 0.00	36.99 -1.22 0.00	34.96 -1.23 0.00	33.04 -0.95 0.00	32.26 -0.86 0.00
PINELAWN_CC_1 323563	43.15 2.42 -5.23	39.78 2.34 -3.47	36.19 2.18 0.00	36.36 2.19 0.00	40.66 2.26 -3.69	43.93 2.43 -4.16	51.39 3.81 -2.72	57.64 4.75 -1.21	54.50 4.68 -0.01	49.42 3.84 -2.45	43.99 2.80 0.00	41.67 2.76 0.00	40.09 2.62 0.00	39.11 2.59 0.00	40.02 2.93 0.00	43.25 3.29 -1.20	53.06 3.94 -6.24	62.30 5.12 -8.37	58.51 5.06 -7.89	50.53 4.22 -3.75	49.03 3.55 -7.26	44.72 3.19 -5.34	39.21 2.99 -2.22	38.38 2.75 -2.51
PJM_GEN_HTP_PROXY 323702	36.89 1.38 0.00	35.39 1.43 0.00	35.27 1.26 0.00	35.43 1.26 0.00	35.96 1.25 0.00	38.81 1.31 -0.16	47.16 2.47 0.16	54.99 3.31 0.00	53.09 3.29 0.00	45.86 2.72 0.00	42.88 1.69 0.00	40.78 1.87 0.00	39.38 1.91 0.00	38.42 1.90 0.00	39.16 2.08 0.00	41.16 2.40 0.00	45.66 2.79 0.00	52.51 3.71 0.00	49.39 3.83 0.00	45.59 3.02 0.00	40.77 2.56 0.00	38.47 2.28 0.00	36.20 2.21 0.00	35.07 1.95 0.00

PJM_GEN_KEystone 24065	35.90 0.39 0.00	34.27 0.30 0.00	34.25 0.24 0.00	34.44 0.27 0.00	35.03 0.31 0.00	38.10 0.60 -0.16	45.73 1.03 0.16	52.61 0.93 0.00	50.45 0.65 0.00	43.83 0.69 0.00	41.44 0.25 0.00	39.22 0.31 0.00	37.77 0.30 0.00	36.78 0.26 0.00	37.20 0.11 0.00	38.68 -0.08 0.00	42.92 0.04 0.00	49.54 0.73 0.00	46.15 0.59 0.00	42.30 0.09 0.36	38.29 0.08 0.00	36.19 0.00 0.00	34.03 0.03 0.00	33.29 0.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.58 1.85 -5.23	39.27 1.83 -3.47	35.68 1.67 0.00	35.84 1.67 0.00	40.10 1.70 -3.69	43.49 1.83 -4.32	50.42 3.01 -2.56	56.72 3.82 -1.21	53.60 3.78 -0.01	48.69 3.11 -2.45	43.33 2.14 0.00	41.09 2.18 0.00	39.60 2.13 0.00	38.64 2.12 0.00	39.46 2.38 0.00	42.67 2.71 -1.20	52.24 3.13 -6.24	61.33 4.15 -8.37	57.59 4.15 -7.89	49.68 3.36 -3.75	48.34 2.87 -7.26	44.14 2.61 -5.34	38.70 2.48 -2.22	37.88 2.25 -2.51
PJM_GEN_VFT_PROXY 323633	36.68 1.17 0.00	35.15 1.19 0.00	35.03 1.02 0.00	35.19 1.02 0.00	35.72 1.01 0.00	38.55 1.04 -0.16	46.89 2.20 0.16	54.73 3.05 0.00	52.79 2.99 0.00	45.64 2.50 0.00	42.63 1.44 0.00	40.58 1.67 0.00	39.19 1.72 0.00	38.23 1.72 0.00	38.98 1.89 0.00	41.00 2.25 0.00	45.45 2.57 0.00	50.11 3.42 2.11	49.21 3.65 0.00	40.34 2.85 5.08	40.66 2.45 0.00	38.32 2.13 0.00	36.07 2.07 0.00	34.91 1.79 0.00
PLATSBRG_115KV_PMLD1 355749	37.07 1.56 0.00	35.36 1.39 0.00	35.44 1.43 0.00	35.57 1.40 0.00	36.00 1.28 0.00	38.09 0.75 0.00	45.49 0.63 0.00	52.82 1.14 0.00	51.15 1.34 0.00	44.86 1.73 0.00	43.17 1.98 0.00	40.58 1.67 0.00	39.12 1.65 0.00	38.12 1.61 0.00	38.68 1.59 0.00	40.23 1.47 0.00	43.99 1.11 0.00	49.25 0.44 0.00	45.56 0.00 0.00	42.40 -0.17 0.00	37.87 -0.34 0.00	35.75 -0.43 0.00	33.59 -0.41 0.00	33.22 0.10 0.00
PLEASANTVLY___LBMP 24000	36.64 1.14 0.00	35.15 1.19 0.00	35.10 1.09 0.00	35.26 1.09 0.00	35.79 1.08 0.00	38.46 1.12 0.00	46.88 2.02 0.00	54.32 2.64 0.00	52.39 2.59 0.00	44.95 1.81 0.00	42.47 1.28 0.00	40.27 1.36 0.00	38.82 1.35 0.00	37.91 1.39 0.00	38.57 1.48 0.00	40.46 1.71 0.00	45.02 2.14 0.00	51.64 2.83 0.00	48.39 2.82 0.00	44.78 2.21 0.00	40.16 1.95 0.00	38.07 1.88 0.00	35.87 1.87 0.00	34.78 1.66 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.86 1.35 0.00	35.32 1.36 0.00	35.27 1.26 0.00	35.47 1.30 0.00	35.96 1.25 0.00	38.65 1.31 0.00	47.24 2.38 0.00	54.83 3.15 0.00	52.94 3.14 0.00	45.38 2.24 0.00	42.76 1.57 0.00	40.58 1.67 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.91 1.82 0.00	40.89 2.13 0.00	45.49 2.62 0.00	52.22 3.42 0.00	48.98 3.42 0.00	45.29 2.72 0.00	40.54 2.33 0.00	38.40 2.21 0.00	36.14 2.14 0.00	35.01 1.89 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.86 1.35 0.00	35.32 1.36 0.00	35.27 1.26 0.00	35.47 1.30 0.00	35.96 1.25 0.00	38.65 1.31 0.00	47.24 2.38 0.00	54.83 3.15 0.00	52.94 3.14 0.00	45.38 2.24 0.00	42.76 1.57 0.00	40.58 1.67 0.00	39.16 1.69 0.00	38.23 1.72 0.00	38.91 1.82 0.00	40.89 2.13 0.00	45.49 2.62 0.00	52.22 3.42 0.00	48.98 3.42 0.00	45.29 2.72 0.00	40.54 2.33 0.00	38.40 2.21 0.00	36.14 2.14 0.00	35.01 1.89 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	37.28 1.78 0.00	35.73 1.77 0.00	35.68 1.67 0.00	35.84 1.67 0.00	36.35 1.63 0.00	39.17 1.83 0.00	47.86 3.01 0.00	55.19 3.51 0.00	53.34 3.54 0.00	45.60 2.46 0.00	42.88 1.69 0.00	40.55 1.63 0.00	39.01 1.54 0.00	38.02 1.50 0.00	38.79 1.71 0.00	40.73 1.98 0.00	45.37 2.49 0.00	52.27 3.47 0.00	48.84 3.28 0.00	45.12 2.55 0.00	40.31 2.10 0.00	38.18 1.99 0.00	36.04 2.04 0.00	35.01 1.89 0.00
POLETTI_____ 23519	36.82 1.31 0.00	35.32 1.36 0.00	35.24 1.22 0.00	35.40 1.23 0.00	35.90 1.18 0.00	38.61 1.27 0.00	47.28 2.42 0.00	55.04 3.36 0.00	53.04 3.24 0.00	45.47 2.33 0.00	42.76 1.57 0.00	40.70 1.79 0.00	39.27 1.80 0.00	38.34 1.83 0.00	39.02 1.93 0.00	41.08 2.33 0.00	45.71 2.83 0.00	52.42 3.61 0.00	49.25 3.69 0.00	45.50 2.94 0.00	40.77 2.56 0.00	38.51 2.32 0.00	36.31 2.31 0.00	35.14 2.02 0.00
POMONA___ESR 323819	36.75 1.24 0.00	35.18 1.22 0.00	35.10 1.09 0.00	35.26 1.09 0.00	35.79 1.08 0.00	38.50 1.16 0.00	47.01 2.15 0.00	54.52 2.84 0.00	52.64 2.84 0.00	45.38 2.24 0.00	42.55 1.36 0.00	40.39 1.48 0.00	38.97 1.50 0.00	38.02 1.50 0.00	38.72 1.63 0.00	40.69 1.94 0.00	45.11 2.23 0.00	52.03 3.22 0.00	48.75 3.19 0.00	45.08 2.51 0.00	40.31 2.10 0.00	38.07 1.88 0.00	35.80 1.80 0.00	34.71 1.59 0.00
PORT_JEFF_3 23555	43.58 2.84 -5.23	40.19 2.75 -3.47	36.56 2.55 0.00	36.76 2.60 0.00	41.08 2.67 -3.69	44.38 2.88 -4.16	52.02 4.44 -2.72	58.37 5.48 -1.21	55.15 5.33 -0.01	49.94 4.36 -2.45	44.44 3.25 0.00	42.06 3.15 0.00	40.43 2.96 0.00	39.47 2.96 0.00	40.43 3.34 0.00	43.68 3.72 -1.20	53.66 4.54 -6.24	62.95 5.76 -8.38	59.06 5.60 -7.90	51.13 4.81 -3.75	49.56 4.09 -7.26	45.11 3.58 -5.34	39.58 3.37 -2.22	38.74 3.11 -2.51
PORT_JEFF_4 23616	43.58 2.84 -5.23	40.19 2.75 -3.47	36.56 2.55 0.00	36.76 2.60 0.00	41.08 2.67 -3.69	44.38 2.88 -4.16	52.02 4.44 -2.72	58.37 5.48 -1.21	55.15 5.33 -0.01	49.94 4.36 -2.45	44.44 3.25 0.00	42.06 3.15 0.00	40.43 2.96 0.00	39.47 2.96 0.00	40.43 3.34 0.00	43.68 3.72 -1.20	53.66 4.54 -6.24	62.95 5.76 -8.38	59.06 5.60 -7.90	51.13 4.81 -3.75	49.56 4.09 -7.26	45.11 3.58 -5.34	39.58 3.37 -2.22	38.74 3.11 -2.51
PORT_JEFF_IC 23713	43.61 2.87 -5.23	40.22 2.79 -3.47	36.59 2.58 0.00	36.76 2.60 0.00	41.11 2.71 -3.69	44.42 2.91 -4.16	52.06 4.49 -2.72	58.43 5.53 -1.21	55.20 5.38 -0.01	49.99 4.40 -2.45	44.49 3.30 0.00	42.10 3.19 0.00	40.50 3.03 0.00	39.51 3.00 0.00	40.50 3.41 0.00	43.72 3.76 -1.20	53.75 4.63 -6.24	62.95 5.76 -8.39	59.07 5.60 -7.90	51.21 4.89 -3.75	49.60 4.13 -7.26	45.18 3.65 -5.34	39.62 3.40 -2.22	38.78 3.15 -2.51
PPL PILGRIM_ST_GT1 24216	43.58 2.84 -5.23	40.22 2.79 -3.47	36.59 2.58 0.00	36.76 2.60 0.00	41.08 2.67 -3.69	44.38 2.88 -4.16	52.06 4.49 -2.72	58.37 5.48 -1.21	55.15 5.33 -0.01	49.94 4.36 -2.45	44.44 3.25 0.00	41.98 3.07 0.00	40.39 2.92 0.00	39.40 2.88 0.00	40.35 3.26 0.00	43.60 3.64 -1.20	53.57 4.46 -6.24	62.89 5.71 -8.38	59.01 5.56 -7.89	51.04 4.72 -3.75	49.45 3.97 -7.26	45.04 3.51 -5.34	39.51 3.30 -2.22	38.67 3.05 -2.51
PPL PILGRIM_ST_GT2 24217	43.58 2.84 -5.23	40.22 2.79 -3.47	36.59 2.58 0.00	36.76 2.60 0.00	41.08 2.67 -3.69	44.38 2.88 -4.16	52.06 4.49 -2.72	58.37 5.48 -1.21	55.15 5.33 -0.01	49.94 4.36 -2.45	44.44 3.25 0.00	41.98 3.07 0.00	40.39 2.92 0.00	39.40 2.88 0.00	40.35 3.26 0.00	43.60 3.64 -1.20	53.57 4.46 -6.24	62.89 5.71 -8.38	59.01 5.56 -7.89	51.04 4.72 -3.75	49.45 3.97 -7.26	45.04 3.51 -5.34	39.51 3.30 -2.22	38.67 3.05 -2.51

PPL_SHRM_GT3 24213	43.89 3.16 -5.23	40.53 3.09 -3.47	36.87 2.86 0.00	37.07 2.90 0.00	41.39 2.99 -3.69	44.75 3.25 -4.16	52.56 4.98 -2.72	58.99 6.10 -1.21	55.69 5.87 -0.01	50.37 4.79 -2.45	44.82 3.63 0.00	42.45 3.54 0.00	40.80 3.33 0.00	39.84 3.32 0.00	40.83 3.74 0.00	44.06 4.11 -1.20	54.26 5.14 -6.24	63.83 6.64 -8.38	59.89 6.43 -7.90	51.77 5.45 -3.75	50.06 4.58 -7.26	45.58 4.05 -5.34	39.96 3.74 -2.22	39.14 3.51 -2.51
PPL_SHRM_GT4 24214	43.89 3.16 -5.23	40.53 3.09 -3.47	36.87 2.86 0.00	37.07 2.90 0.00	41.39 2.99 -3.69	44.75 3.25 -4.16	52.56 4.98 -2.72	58.99 6.10 -1.21	55.69 5.87 -0.01	50.37 4.79 -2.45	44.82 3.63 0.00	42.45 3.54 0.00	40.80 3.33 0.00	39.84 3.32 0.00	40.83 3.74 0.00	44.06 4.11 -1.20	54.26 5.14 -6.24	63.83 6.64 -8.38	59.89 6.43 -7.90	51.77 5.45 -3.75	50.06 4.58 -7.26	45.58 4.05 -5.34	39.96 3.74 -2.22	39.14 3.51 -2.51
PROJECT___ORANGE 1 24174	35.05 -0.46 0.00	33.49 -0.48 0.00	33.53 -0.48 0.00	33.72 -0.44 0.00	34.33 -0.38 0.00	36.97 -0.37 0.00	44.54 -0.31 0.00	51.11 -0.57 0.00	49.21 -0.60 0.00	42.54 -0.60 0.00	40.70 -0.49 0.00	38.41 -0.51 0.00	36.91 -0.56 0.00	35.97 -0.55 0.00	36.49 -0.59 0.00	38.06 -0.70 0.00	42.19 -0.69 0.00	48.22 -0.59 0.00	44.97 -0.59 0.00	41.80 -0.77 0.00	37.60 -0.61 0.00	35.65 -0.54 0.00	33.35 -0.65 0.00	32.56 -0.56 0.00
PROJECT___ORANGE 2 24166	35.05 -0.46 0.00	33.49 -0.48 0.00	33.53 -0.48 0.00	33.72 -0.44 0.00	34.33 -0.38 0.00	36.97 -0.37 0.00	44.54 -0.31 0.00	51.11 -0.57 0.00	49.21 -0.60 0.00	42.54 -0.60 0.00	40.70 -0.49 0.00	38.41 -0.51 0.00	36.91 -0.56 0.00	35.97 -0.55 0.00	36.49 -0.59 0.00	38.06 -0.70 0.00	42.19 -0.69 0.00	48.22 -0.59 0.00	44.97 -0.59 0.00	41.80 -0.77 0.00	37.60 -0.61 0.00	35.65 -0.54 0.00	33.35 -0.65 0.00	32.56 -0.56 0.00
PUCKETT___SOLAR 323809	36.79 1.28 0.00	35.08 1.12 0.00	35.13 1.12 0.00	35.33 1.16 0.00	35.93 1.21 0.00	38.91 1.57 0.00	47.15 2.29 0.00	54.16 2.48 0.00	51.94 2.14 0.00	44.99 1.85 0.00	42.72 1.52 0.00	40.16 1.24 0.00	38.59 1.12 0.00	37.58 1.06 0.00	38.05 0.96 0.00	39.73 0.97 0.00	44.16 1.29 0.00	50.76 1.95 0.00	47.20 1.64 0.00	43.80 1.24 0.00	39.28 1.07 0.00	37.09 0.91 0.00	34.71 0.72 0.00	33.88 0.76 0.00
PYRITES___HYD 24023	35.97 0.46 0.00	34.34 0.37 0.00	34.39 0.37 0.00	34.54 0.38 0.00	35.03 0.31 0.00	37.45 0.11 0.00	44.63 -0.22 0.00	51.68 0.00 0.00	49.95 0.15 0.00	43.61 0.47 0.00	41.89 0.70 0.00	39.38 0.47 0.00	37.99 0.52 0.00	37.03 0.51 0.00	37.61 0.52 0.00	39.14 0.39 0.00	43.01 0.13 0.00	48.27 -0.54 0.00	44.97 -0.59 0.00	42.44 -0.13 0.00	37.94 -0.27 0.00	35.79 -0.40 0.00	33.79 -0.20 0.00	32.95 -0.17 0.00
QUAKERRD_115KV_BK1 80622	34.23 -1.28 0.00	32.61 -1.36 0.00	32.68 -1.33 0.00	32.97 -1.20 0.00	33.64 -1.08 0.00	36.37 -0.97 0.00	43.60 -1.26 0.00	49.35 -2.33 0.00	47.56 -2.24 0.00	41.28 -1.85 0.00	39.83 -1.36 0.00	37.51 -1.40 0.00	36.01 -1.46 0.00	34.98 -1.53 0.00	35.35 -1.74 0.00	36.59 -2.17 0.00	40.61 -2.27 0.00	46.42 -2.39 0.00	43.19 -2.37 0.00	40.06 -2.51 0.00	36.03 -2.18 0.00	34.09 -2.10 0.00	31.72 -2.28 0.00	31.13 -1.99 0.00
QUENSBRY_115KV_TB8 356137	37.50 1.99 0.00	35.83 1.87 0.00	36.02 2.01 0.00	36.18 2.02 0.00	36.83 2.12 0.00	39.73 2.39 0.00	48.54 3.68 0.00	55.71 4.03 0.00	53.44 3.64 0.00	45.94 2.80 0.00	43.58 2.39 0.00	41.09 2.18 0.00	39.53 2.06 0.00	38.53 2.01 0.00	39.24 2.15 0.00	41.20 2.44 0.00	45.75 2.87 0.00	52.56 3.76 0.00	49.03 3.46 0.00	45.67 3.11 0.00	40.96 2.75 0.00	38.83 2.64 0.00	36.27 2.28 0.00	35.27 2.15 0.00
RAMAPO___LBMP 323565	36.57 1.07 0.00	35.08 1.12 0.00	35.00 0.99 0.00	35.19 1.03 0.00	35.72 1.01 0.00	38.39 1.05 0.00	46.88 2.02 0.00	54.42 2.74 0.00	52.44 2.64 0.00	44.95 1.81 0.00	42.39 1.19 0.00	40.23 1.32 0.00	38.82 1.35 0.00	37.91 1.39 0.00	38.53 1.45 0.00	40.50 1.74 0.00	45.06 2.19 0.00	51.78 2.98 0.00	48.52 2.96 0.00	44.87 2.30 0.00	40.20 1.99 0.00	38.03 1.85 0.00	35.80 1.80 0.00	34.68 1.56 0.00
RANKINE____ 23646	35.54 0.04 0.00	33.90 -0.07 0.00	33.91 -0.10 0.00	34.41 0.24 0.00	35.27 0.56 0.00	38.09 0.75 0.00	45.17 0.31 0.00	50.39 -1.29 0.00	48.36 -1.44 0.00	41.89 -1.25 0.00	40.82 -0.37 0.00	38.48 -0.43 0.00	36.95 -0.52 0.00	35.75 -0.77 0.00	35.86 -1.22 0.00	36.66 -2.09 0.00	40.69 -2.19 0.00	46.56 -2.25 0.00	43.19 -2.37 0.00	39.97 -2.60 0.00	36.07 -2.14 0.00	34.23 -1.95 0.00	31.68 -2.31 0.00	31.53 -1.59 0.00
RAVENSWOOD_GT2_1 24244	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.52 3.71 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.38 2.38 0.00	35.21 2.09 0.00
RAVENSWOOD_GT2_2 24245	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.52 3.71 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.38 2.38 0.00	35.21 2.09 0.00
RAVENSWOOD_GT2_3 24246	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.60 2.46 0.00	42.88 1.69 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.45 1.94 0.00	39.13 2.04 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.56 3.76 0.00	49.39 3.83 0.00	45.59 3.02 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.41 2.41 0.00	35.21 2.09 0.00
RAVENSWOOD_GT2_4 24247	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.60 2.46 0.00	42.88 1.69 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.45 1.94 0.00	39.13 2.04 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.56 3.76 0.00	49.39 3.83 0.00	45.59 3.02 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.41 2.41 0.00	35.21 2.09 0.00
RAVENSWOOD_GT3_1 24248	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.56 3.76 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.38 2.38 0.00	35.21 2.09 0.00

RAVENSWOOD_GT3_2 24249	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.56 3.76 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.38 2.38 0.00	35.21 2.09 0.00
RAVENSWOOD_GT3_3 24250	36.93 1.42 0.00	35.46 1.49 0.00	35.34 1.33 0.00	35.53 1.37 0.00	36.03 1.32 0.00	38.72 1.38 0.00	47.42 2.56 0.00	55.19 3.51 0.00	53.19 3.39 0.00	45.64 2.50 0.00	42.92 1.73 0.00	40.82 1.91 0.00	39.38 1.91 0.00	38.45 1.94 0.00	39.17 2.08 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.88 2.67 0.00	38.65 2.46 0.00	36.44 2.45 0.00	35.24 2.12 0.00
RAVENSWOOD_GT3_4 24251	36.93 1.42 0.00	35.46 1.49 0.00	35.34 1.33 0.00	35.53 1.37 0.00	36.03 1.32 0.00	38.72 1.38 0.00	47.42 2.56 0.00	55.19 3.51 0.00	53.19 3.39 0.00	45.64 2.50 0.00	42.92 1.73 0.00	40.82 1.91 0.00	39.38 1.91 0.00	38.45 1.94 0.00	39.17 2.08 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.44 3.87 0.00	45.63 3.06 0.00	40.88 2.67 0.00	38.65 2.46 0.00	36.44 2.45 0.00	35.24 2.12 0.00
RAVENSWOOD_GT_1 23729	37.00 1.49 0.00	35.56 1.60 0.00	35.44 1.43 0.00	35.60 1.44 0.00	36.07 1.35 0.00	38.73 1.38 0.00	47.42 2.56 0.00	55.19 3.51 0.00	53.19 3.39 0.00	45.64 2.50 0.00	42.88 1.69 0.00	40.82 1.91 0.00	39.42 1.95 0.00	38.49 1.97 0.00	39.17 2.08 0.00	41.28 2.52 0.00	45.92 3.04 0.00	52.74 3.90 -0.03	49.53 3.96 0.00	45.67 3.11 0.00	40.88 2.67 0.00	38.69 2.50 0.00	36.59 2.58 -0.01	35.41 2.29 -0.01
RAVENSWOOD_GT_10 24258	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.56 3.76 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.37 2.38 0.00	35.21 2.09 0.00
RAVENSWOOD_GT_11 24259	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.56 3.76 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.37 2.38 0.00	35.21 2.09 0.00
RAVENSWOOD_GT_4 24252	36.89 1.38 0.00	35.39 1.43 0.00	35.30 1.29 0.00	35.47 1.30 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.88 1.69 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.12 2.36 0.00	45.79 2.92 0.00	52.54 3.71 -0.02	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.34 2.35 0.01	35.17 2.05 0.01
RAVENSWOOD_GT_5 24254	36.89 1.38 0.00	35.39 1.43 0.00	35.30 1.29 0.00	35.47 1.30 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.88 1.69 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.12 2.36 0.00	45.79 2.92 0.00	52.54 3.71 -0.02	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.34 2.35 0.01	35.17 2.05 0.01
RAVENSWOOD_GT_6 24253	36.89 1.38 0.00	35.39 1.43 0.00	35.30 1.29 0.00	35.47 1.30 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.88 1.69 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.12 2.36 0.00	45.79 2.92 0.00	52.54 3.71 -0.02	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.34 2.35 0.01	35.17 2.05 0.01
RAVENSWOOD_GT_7 24255	36.89 1.38 0.00	35.39 1.43 0.00	35.30 1.29 0.00	35.47 1.30 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.88 1.69 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.12 2.36 0.00	45.79 2.92 0.00	52.54 3.71 -0.02	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.34 2.35 0.01	35.17 2.05 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.56 3.76 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.37 2.38 0.00	35.21 2.09 0.00
RAVENSWOOD_GT_9 24257	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.55 2.42 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.56 3.76 0.00	49.34 3.78 0.00	45.59 3.02 0.00	40.81 2.60 0.00	38.58 2.39 0.00	36.37 2.38 0.00	35.21 2.09 0.00
RAVENSWOOD___1 23533	37.03 1.53 0.00	35.53 1.56 0.00	35.41 1.39 0.00	35.54 1.37 0.00	36.03 1.32 0.00	38.68 1.34 0.00	47.37 2.51 0.00	55.04 3.36 0.00	53.19 3.39 0.00	45.94 2.80 0.00	42.88 1.69 0.00	40.86 1.94 0.00	39.45 1.98 0.00	38.49 1.97 0.00	39.24 2.15 0.00	41.31 2.56 0.00	45.80 2.92 0.00	52.71 3.91 0.00	49.66 4.10 0.00	45.80 3.23 0.00	40.88 2.67 0.00	38.58 2.39 0.00	36.45 2.45 -0.01	35.31 2.19 -0.01
RAVENSWOOD___2 23534	37.00 1.49 0.00	35.53 1.56 0.00	35.41 1.39 0.00	35.54 1.37 0.00	36.03 1.32 0.00	38.68 1.34 0.00	47.37 2.51 0.00	55.04 3.36 0.00	53.14 3.34 0.00	45.94 2.80 0.00	42.88 1.69 0.00	40.86 1.94 0.00	39.42 1.95 0.00	38.45 1.93 0.00	39.24 2.15 0.00	41.31 2.56 0.00	45.80 2.92 0.00	52.66 3.85 0.00	49.62 4.05 0.00	45.80 3.23 0.00	40.84 2.63 0.00	38.58 2.39 0.00	36.45 2.45 -0.01	35.31 2.19 -0.01
RAVENSWOOD___3 23535	36.97 1.46 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.47 1.30 0.00	36.00 1.29 0.00	38.68 1.34 0.00	47.37 2.51 0.00	55.04 3.36 0.00	53.14 3.34 0.00	45.90 2.76 0.00	42.88 1.69 0.00	40.82 1.91 0.00	39.42 1.95 0.00	38.45 1.93 0.00	39.20 2.11 0.00	41.24 2.48 0.00	45.71 2.83 0.00	52.57 3.76 0.00	49.48 3.92 0.00	45.67 3.11 0.00	40.81 2.60 0.00	38.51 2.32 0.00	36.27 2.28 0.00	35.14 2.02 0.00

RAVENSWOOD___4 23820	37.00 1.49 0.00	35.49 1.53 0.00	35.37 1.36 0.00	35.50 1.33 0.00	36.00 1.29 0.00	38.68 1.34 0.00	47.32 2.47 0.00	55.04 3.36 0.00	53.14 3.34 0.00	45.90 2.76 0.00	42.88 1.69 0.00	40.86 1.94 0.00	39.42 1.95 0.00	38.45 1.93 0.00	39.20 2.11 0.00	41.31 2.56 0.00	45.75 2.87 0.00	52.63 3.85 0.03	49.61 4.05 0.00	45.80 3.23 0.00	40.84 2.63 0.00	38.54 2.35 0.00	36.45 2.45 -0.01	35.28 2.15 -0.01
RCPI_TRUST___DRP 24196	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.03 1.32 0.00	38.72 1.38 0.00	47.42 2.56 0.00	55.19 3.51 0.00	53.19 3.39 0.00	45.60 2.46 0.00	42.92 1.73 0.00	40.82 1.91 0.00	39.38 1.91 0.00	38.45 1.94 0.00	39.13 2.04 0.00	41.16 2.40 0.00	45.84 2.96 0.00	52.61 3.81 0.00	49.39 3.83 0.00	45.59 3.02 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.38 2.38 0.00	35.17 2.05 0.00
RED___ROCHESTER 323720	35.30 -0.21 0.00	33.56 -0.41 0.00	33.64 -0.37 0.00	33.79 -0.38 0.00	34.40 -0.31 0.00	37.61 0.26 0.00	45.18 0.32 0.00	51.16 -0.52 0.00	49.06 -0.75 0.00	42.97 -0.17 0.00	41.15 -0.04 0.00	38.68 -0.23 0.00	37.06 -0.41 0.00	36.01 -0.51 0.00	36.27 -0.82 0.00	37.44 -1.32 0.00	41.55 -1.33 0.00	47.73 -1.07 0.00	44.29 -1.28 0.00	40.99 -1.57 0.00	36.91 -1.30 0.00	34.89 -1.30 0.00	32.74 -1.26 0.00	32.19 -0.93 0.00
REGAN___SOLAR 323812	38.95 3.44 0.00	37.19 3.23 0.00	37.24 3.23 0.00	37.45 3.28 0.00	38.19 3.47 0.00	41.38 4.03 0.00	50.87 6.01 0.00	58.30 6.62 0.00	55.83 6.02 0.00	48.06 4.92 0.00	45.47 4.28 0.00	42.65 3.74 0.00	40.96 3.49 0.00	39.95 3.43 0.00	40.87 3.78 0.00	43.06 4.30 0.00	47.76 4.89 0.00	55.06 6.25 0.00	51.16 5.60 0.00	47.84 5.28 0.00	42.87 4.66 0.00	40.75 4.56 0.00	37.80 3.81 0.00	36.76 3.64 0.00
RENSSELAER___COGEN 23796	35.94 0.43 0.00	34.37 0.41 0.00	34.42 0.41 0.00	34.54 0.38 0.00	35.10 0.38 0.00	37.72 0.37 0.00	45.71 0.85 0.00	52.77 1.09 0.00	50.85 1.05 0.00	43.92 0.78 0.00	41.52 0.33 0.00	39.26 0.35 0.00	37.84 0.37 0.00	36.92 0.40 0.00	37.57 0.48 0.00	39.37 0.62 0.00	43.61 0.73 0.00	50.03 1.22 0.00	46.79 1.23 0.00	43.46 0.90 0.00	38.97 0.76 0.00	36.95 0.76 0.00	34.78 0.78 0.00	33.82 0.70 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.70 3.20 0.00	36.92 2.95 0.00	37.11 3.09 0.00	37.24 3.08 0.00	37.98 3.26 0.00	41.08 3.73 0.00	50.47 5.61 0.00	57.93 6.25 0.00	55.53 5.73 0.00	47.67 4.53 0.00	45.14 3.95 0.00	42.49 3.58 0.00	40.84 3.37 0.00	39.77 3.25 0.00	40.57 3.49 0.00	42.63 3.88 0.00	47.34 4.46 0.00	54.57 5.76 0.00	50.80 5.24 0.00	47.38 4.81 0.00	42.45 4.24 0.00	40.31 4.13 0.00	37.46 3.47 0.00	36.50 3.38 0.00
REVERE_CPPR_DRP 24186	36.86 1.35 0.00	35.19 1.22 0.00	35.24 1.22 0.00	35.43 1.26 0.00	36.03 1.32 0.00	38.99 1.64 0.00	47.19 2.33 0.00	54.37 2.69 0.00	52.39 2.59 0.00	45.12 1.98 0.00	43.00 1.81 0.00	40.58 1.67 0.00	39.08 1.61 0.00	38.05 1.53 0.00	38.61 1.52 0.00	40.27 1.51 0.00	44.81 1.93 0.00	51.00 2.20 0.00	47.52 1.96 0.00	44.36 1.79 0.00	39.66 1.45 0.00	37.49 1.30 0.00	35.02 1.02 0.00	34.08 0.96 0.00
REYNOLDS_115KV_TB3 80639	36.22 0.71 0.00	34.68 0.71 0.00	34.69 0.68 0.00	34.82 0.65 0.00	35.37 0.66 0.00	38.05 0.71 0.00	46.11 1.26 0.00	53.28 1.60 0.00	51.35 1.54 0.00	44.17 1.04 0.00	41.89 0.70 0.00	39.61 0.70 0.00	38.18 0.71 0.00	37.25 0.73 0.00	37.87 0.78 0.00	39.73 0.97 0.00	44.08 1.20 0.00	50.52 1.71 0.00	47.20 1.64 0.00	43.84 1.28 0.00	39.32 1.11 0.00	37.31 1.12 0.00	35.15 1.16 0.00	34.18 1.06 0.00
RIVERBAY____ 323610	37.32 1.81 0.00	35.93 1.97 0.00	35.78 1.77 0.00	35.94 1.78 0.00	36.35 1.63 0.00	38.91 1.57 0.00	47.64 2.78 0.00	55.40 3.72 0.00	53.44 3.64 0.00	45.81 2.67 0.00	43.00 1.81 0.00	40.93 2.02 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.28 2.19 0.00	41.43 2.67 0.00	46.05 3.17 0.00	52.91 4.10 0.00	49.71 4.15 0.00	45.85 3.28 0.00	41.00 2.79 0.00	38.79 2.61 0.00	37.00 2.99 -0.01	35.81 2.68 -0.01
RIVERSDE_115KV_TB3 55908	36.08 0.57 0.00	34.54 0.58 0.00	34.56 0.54 0.00	34.68 0.51 0.00	35.24 0.52 0.00	37.90 0.56 0.00	45.98 1.12 0.00	53.13 1.45 0.00	51.15 1.34 0.00	44.04 0.91 0.00	41.73 0.54 0.00	39.50 0.58 0.00	38.03 0.56 0.00	37.10 0.58 0.00	37.76 0.67 0.00	39.57 0.81 0.00	43.91 1.03 0.00	50.32 1.51 0.00	47.02 1.46 0.00	43.72 1.15 0.00	39.20 0.99 0.00	37.17 0.98 0.00	35.02 1.02 0.00	34.05 0.93 0.00
ROARING___BROOK_WT_PWR 323790	35.47 -0.04 0.00	33.96 0.00 0.00	34.01 0.00 0.00	34.17 0.00 0.00	34.71 0.00 0.00	37.27 -0.07 0.00	44.59 -0.27 0.00	51.42 -0.26 0.00	49.60 -0.20 0.00	42.97 -0.17 0.00	41.19 0.00 0.00	38.91 0.00 0.00	37.47 0.00 0.00	36.52 0.00 0.00	37.09 0.00 0.00	38.72 -0.04 0.00	42.79 -0.09 0.00	48.47 -0.34 0.00	45.20 -0.37 0.00	42.36 -0.21 0.00	38.02 -0.19 0.00	36.01 -0.18 0.00	33.83 -0.17 0.00	32.99 -0.13 0.00
ROCHESRG_115KV_T4 355643	34.91 -0.60 0.00	33.25 -0.71 0.00	33.33 -0.68 0.00	33.66 -0.51 0.00	34.37 -0.35 0.00	37.16 -0.19 0.00	44.41 -0.45 0.00	50.08 -1.60 0.00	48.21 -1.59 0.00	41.84 -1.29 0.00	40.49 -0.70 0.00	38.13 -0.78 0.00	36.61 -0.86 0.00	35.53 -0.99 0.00	35.86 -1.22 0.00	37.01 -1.74 0.00	41.08 -1.80 0.00	46.95 -1.85 0.00	43.74 -1.82 0.00	40.52 -2.04 0.00	36.49 -1.72 0.00	34.52 -1.66 0.00	32.09 -1.90 0.00	31.60 -1.52 0.00
ROCHESTER_9_IC 23652	35.08 -0.43 0.00	33.42 -0.54 0.00	33.50 -0.51 0.00	33.83 -0.34 0.00	34.54 -0.17 0.00	37.38 0.04 0.00	44.72 -0.13 0.00	50.39 -1.29 0.00	48.56 -1.25 0.00	42.15 -0.99 0.00	40.82 -0.37 0.00	38.41 -0.51 0.00	36.83 -0.64 0.00	35.75 -0.77 0.00	36.12 -0.96 0.00	37.24 -1.51 0.00	41.33 -1.54 0.00	47.29 -1.51 0.00	44.01 -1.55 0.00	40.78 -1.79 0.00	36.72 -1.49 0.00	34.74 -1.45 0.00	32.26 -1.73 0.00	31.73 -1.39 0.00
ROCKVIEW_13_KV_LD 356306	36.93 1.42 0.00	35.42 1.46 0.00	35.37 1.36 0.00	35.53 1.37 0.00	36.07 1.35 0.00	38.76 1.42 0.00	47.42 2.56 0.00	55.09 3.41 0.00	53.19 3.39 0.00	45.60 2.46 0.00	42.92 1.73 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.09 2.00 0.00	41.12 2.36 0.00	45.71 2.83 0.00	52.52 3.71 0.00	49.25 3.69 0.00	45.55 2.98 0.00	40.77 2.56 0.00	38.58 2.39 0.00	36.31 2.31 0.00	35.17 2.05 0.00
ROME____115KV_TB2 80656	36.86 1.35 0.00	35.19 1.22 0.00	35.24 1.22 0.00	35.43 1.26 0.00	36.03 1.32 0.00	38.99 1.64 0.00	47.19 2.33 0.00	54.37 2.69 0.00	52.39 2.59 0.00	45.12 1.98 0.00	43.00 1.81 0.00	40.58 1.67 0.00	39.08 1.61 0.00	38.05 1.53 0.00	38.61 1.52 0.00	40.27 1.51 0.00	44.81 1.93 0.00	51.00 2.20 0.00	47.52 1.96 0.00	44.36 1.79 0.00	39.66 1.45 0.00	37.49 1.30 0.00	35.02 1.02 0.00	34.08 0.96 0.00

ROSETON___1 23587	36.64 1.14 0.00	35.08 1.12 0.00	35.07 1.06 0.00	35.23 1.06 0.00	35.76 1.04 0.00	38.43 1.08 0.00	46.79 1.93 0.00	54.21 2.53 0.00	52.34 2.54 0.00	45.17 2.03 0.00	42.43 1.23 0.00	40.27 1.36 0.00	38.82 1.35 0.00	37.87 1.35 0.00	38.57 1.49 0.00	40.46 1.70 0.00	44.89 2.02 0.00	51.64 2.83 0.00	48.39 2.83 0.00	44.78 2.21 0.00	40.08 1.87 0.00	37.89 1.70 0.00	35.66 1.67 0.00	34.61 1.49 0.00
ROSETON___2 23588	36.64 1.14 0.00	35.08 1.12 0.00	35.07 1.06 0.00	35.23 1.06 0.00	35.76 1.04 0.00	38.43 1.08 0.00	46.79 1.93 0.00	54.21 2.53 0.00	52.34 2.54 0.00	45.17 2.03 0.00	42.43 1.23 0.00	40.27 1.36 0.00	38.82 1.35 0.00	37.87 1.35 0.00	38.57 1.49 0.00	40.46 1.70 0.00	44.89 2.02 0.00	51.64 2.83 0.00	48.39 2.83 0.00	44.78 2.21 0.00	40.08 1.87 0.00	37.89 1.70 0.00	35.66 1.67 0.00	34.61 1.49 0.00
ROTTTRDAM_115KV_TB3 80664	36.47 0.96 0.00	34.88 0.92 0.00	34.96 0.95 0.00	35.09 0.92 0.00	35.65 0.94 0.00	38.39 1.05 0.00	46.52 1.66 0.00	53.64 1.96 0.00	51.65 1.84 0.00	44.52 1.38 0.00	42.26 1.07 0.00	39.96 1.05 0.00	38.48 1.01 0.00	37.50 0.99 0.00	38.16 1.08 0.00	39.96 1.20 0.00	44.38 1.50 0.00	50.76 1.95 0.00	47.43 1.87 0.00	44.14 1.57 0.00	39.59 1.38 0.00	37.53 1.34 0.00	35.25 1.26 0.00	34.28 1.16 0.00
RUSSELL___1 23602	35.26 -0.25 0.00	33.56 -0.41 0.00	33.64 -0.37 0.00	33.96 -0.21 0.00	34.68 -0.03 0.00	37.53 0.19 0.00	44.95 0.09 0.00	50.65 -1.03 0.00	48.81 -1.00 0.00	42.41 -0.73 0.00	41.07 -0.12 0.00	38.64 -0.27 0.00	37.06 -0.41 0.00	35.97 -0.55 0.00	36.31 -0.78 0.00	37.44 -1.32 0.00	41.55 -1.33 0.00	47.59 -1.22 0.00	44.29 -1.28 0.00	40.99 -1.57 0.00	36.91 -1.30 0.00	34.92 -1.27 0.00	32.40 -1.60 0.00	31.86 -1.26 0.00
RUSSELL___2 23532	35.26 -0.25 0.00	33.56 -0.41 0.00	33.64 -0.37 0.00	33.96 -0.21 0.00	34.68 -0.03 0.00	37.53 0.19 0.00	44.95 0.09 0.00	50.65 -1.03 0.00	48.81 -1.00 0.00	42.41 -0.73 0.00	41.07 -0.12 0.00	38.64 -0.27 0.00	37.06 -0.41 0.00	35.97 -0.55 0.00	36.31 -0.78 0.00	37.44 -1.32 0.00	41.55 -1.33 0.00	47.59 -1.22 0.00	44.29 -1.28 0.00	40.99 -1.57 0.00	36.91 -1.30 0.00	34.92 -1.27 0.00	32.40 -1.60 0.00	31.86 -1.26 0.00
RUSSELL___3 23549	35.26 -0.25 0.00	33.56 -0.41 0.00	33.64 -0.37 0.00	33.96 -0.21 0.00	34.68 -0.03 0.00	37.53 0.19 0.00	44.95 0.09 0.00	50.65 -1.03 0.00	48.81 -1.00 0.00	42.41 -0.73 0.00	41.07 -0.12 0.00	38.64 -0.27 0.00	37.06 -0.41 0.00	35.97 -0.55 0.00	36.31 -0.78 0.00	37.44 -1.32 0.00	41.55 -1.33 0.00	47.59 -1.22 0.00	44.29 -1.28 0.00	40.99 -1.57 0.00	36.91 -1.30 0.00	34.92 -1.27 0.00	32.40 -1.60 0.00	31.86 -1.26 0.00
RUSSELL___4 23556	35.26 -0.25 0.00	33.56 -0.41 0.00	33.64 -0.37 0.00	33.96 -0.21 0.00	34.68 -0.03 0.00	37.53 0.19 0.00	44.95 0.09 0.00	50.65 -1.03 0.00	48.81 -1.00 0.00	42.41 -0.73 0.00	41.07 -0.12 0.00	38.64 -0.27 0.00	37.06 -0.41 0.00	35.97 -0.55 0.00	36.31 -0.78 0.00	37.44 -1.32 0.00	41.55 -1.33 0.00	47.59 -1.22 0.00	44.29 -1.28 0.00	40.99 -1.57 0.00	36.91 -1.30 0.00	34.92 -1.27 0.00	32.40 -1.60 0.00	31.86 -1.26 0.00
RUSSELL___STATION 23914	35.26 -0.25 0.00	33.56 -0.41 0.00	33.64 -0.37 0.00	33.96 -0.21 0.00	34.68 -0.03 0.00	37.53 0.19 0.00	44.95 0.09 0.00	50.65 -1.03 0.00	48.81 -1.00 0.00	42.41 -0.73 0.00	41.07 -0.12 0.00	38.64 -0.27 0.00	37.06 -0.41 0.00	35.97 -0.55 0.00	36.31 -0.78 0.00	37.44 -1.32 0.00	41.55 -1.33 0.00	47.59 -1.22 0.00	44.29 -1.28 0.00	40.99 -1.57 0.00	36.91 -1.30 0.00	34.92 -1.27 0.00	32.40 -1.60 0.00	31.86 -1.26 0.00
S SALMON___HYD 24043	34.94 -0.57 0.00	33.32 -0.65 0.00	33.36 -0.65 0.00	33.55 -0.61 0.00	34.09 -0.62 0.00	36.78 -0.56 0.00	44.37 -0.49 0.00	51.06 -0.62 0.00	49.15 -0.65 0.00	42.54 -0.60 0.00	40.61 -0.58 0.00	38.33 -0.58 0.00	36.87 -0.60 0.00	35.90 -0.62 0.00	36.42 -0.67 0.00	37.98 -0.77 0.00	42.06 -0.82 0.00	48.12 -0.68 0.00	44.83 -0.73 0.00	41.76 -0.81 0.00	37.52 -0.69 0.00	35.54 -0.65 0.00	33.28 -0.72 0.00	32.42 -0.70 0.00
S.PERRY___115KV_TB1 80734	36.68 1.17 0.00	34.91 0.95 0.00	35.00 0.99 0.00	35.40 1.23 0.00	36.21 1.49 0.00	39.28 1.94 0.00	47.24 2.38 0.00	53.39 1.71 0.00	51.30 1.49 0.00	44.43 1.29 0.00	42.88 1.69 0.00	40.23 1.32 0.00	38.48 1.01 0.00	37.28 0.77 0.00	37.61 0.52 0.00	38.76 0.00 0.00	43.09 0.21 0.00	49.44 0.63 0.00	45.97 0.41 0.00	42.40 -0.17 0.00	38.17 -0.04 0.00	36.04 -0.14 0.00	33.35 -0.65 0.00	32.79 -0.33 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.01 -0.50 0.00	33.39 -0.58 0.00	33.43 -0.58 0.00	33.89 -0.27 0.00	34.71 0.00 0.00	37.53 0.19 0.00	44.41 -0.45 0.00	49.41 -2.27 0.00	47.41 -2.39 0.00	41.11 -2.03 0.00	40.12 -1.07 0.00	37.86 -1.05 0.00	36.35 -1.12 0.00	35.20 -1.31 0.00	35.35 -1.74 0.00	36.12 -2.64 0.00	40.09 -2.79 0.00	45.88 -2.93 0.00	42.56 -3.01 0.00	39.42 -3.15 0.00	35.57 -2.64 0.00	33.80 -2.39 0.00	31.24 -2.75 0.00	31.13 -1.99 0.00
SAWYER___23_KV_LOAD 55526	35.01 -0.50 0.00	33.39 -0.58 0.00	33.43 -0.58 0.00	33.89 -0.27 0.00	34.71 0.00 0.00	37.53 0.19 0.00	44.41 -0.45 0.00	49.41 -2.27 0.00	47.41 -2.39 0.00	41.11 -2.03 0.00	40.12 -1.07 0.00	37.86 -1.05 0.00	36.35 -1.12 0.00	35.20 -1.31 0.00	35.35 -1.74 0.00	36.12 -2.64 0.00	40.09 -2.79 0.00	45.88 -2.93 0.00	42.56 -3.01 0.00	39.42 -3.15 0.00	35.57 -2.64 0.00	33.80 -2.39 0.00	31.24 -2.75 0.00	31.13 -1.99 0.00
SELKIRK___I 23801	36.33 0.82 0.00	34.75 0.78 0.00	34.79 0.78 0.00	34.95 0.79 0.00	35.51 0.80 0.00	38.16 0.82 0.00	46.20 1.34 0.00	53.23 1.55 0.00	51.25 1.45 0.00	44.30 1.17 0.00	41.93 0.74 0.00	39.61 0.70 0.00	38.18 0.71 0.00	37.21 0.69 0.00	37.87 0.78 0.00	39.68 0.93 0.00	43.95 1.07 0.00	50.37 1.56 0.00	47.06 1.50 0.00	43.80 1.24 0.00	39.32 1.11 0.00	37.27 1.08 0.00	35.05 1.06 0.00	34.11 0.99 0.00
SELKIRK___II 23799	36.08 0.57 0.00	34.51 0.54 0.00	34.55 0.54 0.00	34.71 0.54 0.00	35.27 0.55 0.00	37.90 0.56 0.00	45.89 1.03 0.00	52.97 1.29 0.00	51.05 1.25 0.00	44.09 0.95 0.00	41.69 0.50 0.00	39.46 0.54 0.00	37.99 0.52 0.00	37.07 0.55 0.00	37.72 0.63 0.00	39.49 0.73 0.00	43.78 0.90 0.00	50.17 1.36 0.00	46.93 1.37 0.00	43.63 1.06 0.00	39.13 0.92 0.00	37.06 0.87 0.00	34.85 0.85 0.00	33.91 0.79 0.00
SENECA OSWGO___HYD 24041	34.62 -0.89 0.00	33.08 -0.88 0.00	33.13 -0.88 0.00	33.28 -0.89 0.00	33.81 -0.90 0.00	36.52 -0.82 0.00	44.10 -0.76 0.00	50.65 -1.03 0.00	48.81 -1.00 0.00	42.32 -0.82 0.00	40.37 -0.82 0.00	38.06 -0.86 0.00	36.57 -0.90 0.00	35.64 -0.88 0.00	36.16 -0.93 0.00	37.75 -1.01 0.00	41.81 -1.07 0.00	47.88 -0.93 0.00	44.60 -0.96 0.00	41.46 -1.11 0.00	37.26 -0.95 0.00	35.25 -0.94 0.00	33.08 -0.92 0.00	32.26 -0.86 0.00

SENECA___115KV_TB3 355854	35.62 0.11 0.00	33.96 0.00 0.00	33.98 -0.03 0.00	34.48 0.31 0.00	35.30 0.59 0.00	38.16 0.82 0.00	45.26 0.40 0.00	50.49 -1.19 0.00	48.46 -1.34 0.00	41.97 -1.16 0.00	40.90 -0.29 0.00	38.56 -0.35 0.00	37.02 -0.45 0.00	35.86 -0.66 0.00	35.94 -1.15 0.00	36.74 -2.02 0.00	40.73 -2.14 0.00	46.66 -2.15 0.00	43.28 -2.28 0.00	40.06 -2.51 0.00	36.15 -2.06 0.00	34.31 -1.88 0.00	31.75 -2.24 0.00	31.56 -1.56 0.00
SENECA___ENERGY 23797	35.33 -0.18 0.00	33.69 -0.27 0.00	33.74 -0.27 0.00	33.93 -0.24 0.00	34.54 -0.17 0.00	37.53 0.19 0.00	45.26 0.40 0.00	51.78 0.10 0.00	49.75 -0.05 0.00	43.23 0.09 0.00	41.27 0.08 0.00	38.83 -0.08 0.00	37.28 -0.19 0.00	36.30 -0.22 0.00	36.72 -0.37 0.00	38.13 -0.62 0.00	42.24 -0.64 0.00	48.52 -0.29 0.00	45.11 -0.46 0.00	41.84 -0.72 0.00	37.64 -0.57 0.00	35.54 -0.65 0.00	33.32 -0.68 0.00	32.56 -0.56 0.00
SHOEMAKER___GT 23640	36.50 0.99 0.00	34.91 0.95 0.00	34.89 0.88 0.00	35.05 0.89 0.00	35.58 0.87 0.00	38.24 0.89 0.00	46.61 1.75 0.00	53.85 2.17 0.00	51.99 2.19 0.00	44.82 1.68 0.00	42.14 0.95 0.00	39.92 1.01 0.00	38.48 1.01 0.00	37.54 1.02 0.00	38.24 1.15 0.00	40.11 1.36 0.00	44.47 1.59 0.00	51.15 2.34 0.00	47.88 2.32 0.00	44.35 1.79 0.00	39.70 1.49 0.00	37.53 1.34 0.00	35.29 1.29 0.00	34.28 1.16 0.00
SHOEMAKR_138KV_BK 111 55601	36.43 0.92 0.00	34.91 0.95 0.00	34.90 0.88 0.00	35.06 0.89 0.00	35.58 0.87 0.00	38.28 0.93 0.00	46.61 1.75 0.00	53.90 2.22 0.00	51.99 2.19 0.00	44.61 1.47 0.00	42.14 0.95 0.00	39.92 1.01 0.00	38.48 1.01 0.00	37.54 1.02 0.00	38.20 1.11 0.00	40.07 1.32 0.00	44.59 1.72 0.00	51.20 2.39 0.00	47.89 2.32 0.00	44.36 1.79 0.00	39.74 1.53 0.00	37.60 1.41 0.00	35.42 1.43 0.00	34.38 1.26 0.00
SHOREHAM_IC_1 23715	43.89 3.16 -5.23	40.53 3.09 -3.47	36.87 2.86 0.00	37.07 2.90 0.00	41.39 2.99 -3.69	44.75 3.25 -4.16	52.56 4.98 -2.72	58.99 6.10 -1.21	55.69 5.87 -2.45	50.37 4.79 0.00	44.82 3.63 0.00	42.45 3.54 0.00	40.80 3.33 0.00	39.84 3.32 0.00	40.83 3.74 0.00	44.06 4.11 -1.20	54.26 5.14 -6.24	63.83 6.64 -8.38	59.89 6.43 -7.90	51.77 5.45 -3.75	50.06 4.58 -7.26	45.58 4.05 -5.34	39.96 3.74 -2.22	39.14 3.51 -2.51
SHOREHAM_IC_2 23716	43.89 3.16 -5.23	40.53 3.09 -3.47	36.87 2.86 0.00	37.07 2.90 0.00	41.39 2.99 -3.69	44.75 3.25 -4.16	52.56 4.98 -2.72	58.99 6.10 -1.21	55.69 5.87 -2.45	50.37 4.79 0.00	44.82 3.63 0.00	42.45 3.54 0.00	40.80 3.33 0.00	39.84 3.32 0.00	40.83 3.74 0.00	44.06 4.11 -1.20	54.26 5.14 -6.24	63.83 6.64 -8.38	59.89 6.43 -7.90	51.77 5.45 -3.75	50.06 4.58 -7.26	45.58 4.05 -5.34	39.96 3.74 -2.22	39.14 3.51 -2.51
SISSONVILLE____ 23735	35.08 -0.43 0.00	33.52 -0.44 0.00	33.57 -0.44 0.00	33.72 -0.44 0.00	34.16 -0.56 0.00	36.48 -0.86 0.00	43.42 -1.44 0.00	50.23 -1.45 0.00	48.51 -1.29 0.00	42.41 -0.73 0.00	40.70 -0.49 0.00	38.29 -0.62 0.00	36.95 -0.52 0.00	36.01 -0.51 0.00	36.57 -0.52 0.00	38.14 -0.62 0.00	41.89 -0.99 0.00	47.10 -1.71 0.00	43.92 -1.64 0.00	41.33 -1.23 0.00	36.99 -1.22 0.00	34.96 -1.23 0.00	33.04 -0.95 0.00	32.26 -0.86 0.00
SITHE_IND_GS1 24169	34.26 -1.24 0.00	32.74 -1.22 0.00	32.79 -1.22 0.00	32.94 -1.23 0.00	33.50 -1.22 0.00	36.15 -1.20 0.00	43.51 -1.34 0.00	49.98 -1.70 0.00	48.11 -1.69 0.00	41.72 -1.42 0.00	39.79 -1.40 0.00	37.55 -1.36 0.00	36.12 -1.35 0.00	35.20 -1.31 0.00	35.72 -1.37 0.00	37.24 -1.51 0.00	41.25 -1.63 0.00	47.15 -1.66 0.00	43.92 -1.64 0.00	40.91 -1.66 0.00	36.76 -1.45 0.00	34.78 -1.41 0.00	32.70 -1.29 0.00	31.90 -1.22 0.00
SITHE_IND_GS2 24170	34.26 -1.24 0.00	32.74 -1.22 0.00	32.79 -1.22 0.00	32.94 -1.23 0.00	33.50 -1.22 0.00	36.15 -1.20 0.00	43.51 -1.34 0.00	49.98 -1.70 0.00	48.11 -1.69 0.00	41.72 -1.42 0.00	39.79 -1.40 0.00	37.55 -1.36 0.00	36.12 -1.35 0.00	35.20 -1.31 0.00	35.72 -1.37 0.00	37.24 -1.51 0.00	41.25 -1.63 0.00	47.15 -1.66 0.00	43.92 -1.64 0.00	40.91 -1.66 0.00	36.76 -1.45 0.00	34.78 -1.41 0.00	32.70 -1.29 0.00	31.90 -1.22 0.00
SITHE_IND_GS3 24171	34.26 -1.24 0.00	32.74 -1.22 0.00	32.79 -1.22 0.00	32.94 -1.23 0.00	33.50 -1.22 0.00	36.15 -1.20 0.00	43.51 -1.34 0.00	49.98 -1.70 0.00	48.11 -1.69 0.00	41.72 -1.42 0.00	39.79 -1.40 0.00	37.55 -1.36 0.00	36.12 -1.35 0.00	35.20 -1.31 0.00	35.72 -1.37 0.00	37.24 -1.51 0.00	41.25 -1.63 0.00	47.15 -1.66 0.00	43.92 -1.64 0.00	40.91 -1.66 0.00	36.76 -1.45 0.00	34.78 -1.41 0.00	32.70 -1.29 0.00	31.90 -1.22 0.00
SITHE_IND_GS4 24172	34.26 -1.24 0.00	32.74 -1.22 0.00	32.79 -1.22 0.00	32.94 -1.23 0.00	33.50 -1.22 0.00	36.15 -1.20 0.00	43.51 -1.34 0.00	49.98 -1.70 0.00	48.11 -1.69 0.00	41.72 -1.42 0.00	39.79 -1.40 0.00	37.55 -1.36 0.00	36.12 -1.35 0.00	35.20 -1.31 0.00	35.72 -1.37 0.00	37.24 -1.51 0.00	41.25 -1.63 0.00	47.15 -1.66 0.00	43.92 -1.64 0.00	40.91 -1.66 0.00	36.76 -1.45 0.00	34.78 -1.41 0.00	32.70 -1.29 0.00	31.90 -1.22 0.00
SITHE___BATAVIA 24024	35.72 0.21 0.00	33.90 -0.07 0.00	33.94 -0.07 0.00	34.13 -0.03 0.00	34.78 0.07 0.00	38.24 0.89 0.00	45.84 0.99 0.00	51.47 -0.21 0.00	49.21 -0.60 0.00	43.27 0.13 0.00	41.44 0.25 0.00	38.91 0.00 0.00	37.21 -0.26 0.00	36.12 -0.40 0.00	36.24 -0.85 0.00	37.13 -1.63 0.00	41.21 -1.67 0.00	47.49 -1.32 0.00	43.92 -1.64 0.00	40.57 -2.00 0.00	36.57 -1.64 0.00	34.60 -1.59 0.00	32.50 -1.50 0.00	32.13 -0.99 0.00
SITHE___INDEPEND 23800	34.27 -1.24 0.00	32.74 -1.22 0.00	32.79 -1.22 0.00	32.97 -1.20 0.00	33.53 -1.18 0.00	36.11 -1.23 0.00	43.47 -1.39 0.00	49.92 -1.76 0.00	48.06 -1.74 0.00	41.59 -1.55 0.00	39.79 -1.40 0.00	37.55 -1.36 0.00	36.12 -1.35 0.00	35.20 -1.31 0.00	35.72 -1.37 0.00	37.24 -1.51 0.00	41.25 -1.63 0.00	47.10 -1.71 0.00	43.92 -1.64 0.00	40.91 -1.66 0.00	36.76 -1.45 0.00	34.81 -1.38 0.00	32.64 -1.36 0.00	31.83 -1.29 0.00
SITHE___MASSENA 23902	35.62 0.11 0.00	34.27 0.30 0.00	34.32 0.31 0.00	34.47 0.31 0.00	34.99 0.28 0.00	37.34 0.00 0.00	44.37 -0.49 0.00	51.21 -0.47 0.00	49.46 -0.35 0.00	42.88 -0.26 0.00	41.48 0.29 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.27 0.19 0.00	38.87 0.12 0.00	42.84 -0.04 0.00	48.12 -0.68 0.00	44.92 -0.64 0.00	42.27 -0.30 0.00	37.90 -0.31 0.00	36.08 -0.11 0.00	33.86 -0.14 0.00	33.05 -0.07 0.00
SITHE___OGDNSBRG 24021	36.11 0.60 0.00	34.51 0.54 0.00	34.52 0.51 0.00	34.71 0.55 0.00	35.20 0.49 0.00	37.60 0.26 0.00	44.77 -0.09 0.00	51.78 0.10 0.00	50.00 0.20 0.00	43.66 0.52 0.00	41.93 0.74 0.00	39.46 0.54 0.00	38.03 0.56 0.00	37.07 0.55 0.00	37.64 0.56 0.00	39.22 0.47 0.00	43.09 0.21 0.00	48.42 -0.39 0.00	45.15 -0.41 0.00	42.61 0.04 0.00	38.09 -0.11 0.00	35.97 -0.22 0.00	33.96 -0.03 0.00	33.15 0.03 0.00

SITHE___STERLING 23777	36.57 1.06 0.00	34.91 0.95 0.00	35.00 0.99 0.00	35.16 0.99 0.00	35.72 1.01 0.00	38.68 1.34 0.00	46.83 1.97 0.00	53.95 2.27 0.00	51.94 2.14 0.00	44.91 1.77 0.00	42.63 1.44 0.00	40.24 1.32 0.00	38.74 1.27 0.00	37.72 1.20 0.00	38.27 1.19 0.00	39.96 1.20 0.00	44.34 1.46 0.00	50.56 1.75 0.00	47.11 1.55 0.00	43.93 1.36 0.00	39.32 1.11 0.00	37.17 0.98 0.00	34.81 0.81 0.00	33.91 0.79 0.00
SLEIGHT__34_KV_TB1 80719	34.98 -0.53 0.00	33.35 -0.61 0.00	33.40 -0.61 0.00	33.66 -0.51 0.00	34.33 -0.38 0.00	37.16 -0.19 0.00	44.72 -0.13 0.00	50.80 -0.88 0.00	48.96 -0.85 0.00	42.45 -0.69 0.00	40.90 -0.29 0.00	38.48 -0.43 0.00	36.91 -0.56 0.00	35.90 -0.62 0.00	36.31 -0.78 0.00	37.63 -1.12 0.00	41.76 -1.11 0.00	47.78 -1.02 0.00	44.47 -1.09 0.00	41.21 -1.36 0.00	37.06 -1.15 0.00	35.03 -1.16 0.00	32.57 -1.43 0.00	31.93 -1.19 0.00
SOUTH CAIRO___GT 23612	37.21 1.70 0.00	35.53 1.56 0.00	35.58 1.57 0.00	35.64 1.47 0.00	36.35 1.63 0.00	39.21 1.87 0.00	47.69 2.83 0.00	54.42 2.74 0.00	52.44 2.64 0.00	45.03 1.90 0.00	42.26 1.07 0.00	39.77 0.85 0.00	38.22 0.75 0.00	37.21 0.69 0.00	38.05 0.96 0.00	39.88 1.12 0.00	44.34 1.46 0.00	51.15 2.34 0.00	47.61 2.05 0.00	44.23 1.66 0.00	39.51 1.30 0.00	37.53 1.34 0.00	35.36 1.36 0.00	34.51 1.39 0.00
SOUTH HAMPTN___IC 23720	44.29 3.55 -5.23	40.87 3.43 -3.47	37.21 3.20 0.00	37.42 3.25 0.00	41.77 3.37 -3.69	45.16 3.66 -4.16	53.09 5.52 -2.72	59.66 6.77 -1.21	56.29 6.47 -0.01	50.85 5.26 -2.45	45.31 4.12 0.00	42.92 4.01 0.00	41.22 3.75 0.00	40.24 3.73 0.00	41.28 4.19 0.00	44.53 4.57 -1.20	54.82 5.70 -6.24	64.46 7.27 -8.38	60.47 7.01 -7.90	52.32 6.00 -3.75	50.56 5.08 -7.26	46.02 4.49 -5.34	40.33 4.11 -2.22	39.50 3.87 -2.51
SOUTHDOW_115KV_TB1 355954	37.53 2.02 0.00	35.80 1.83 0.00	35.75 1.73 0.00	36.32 2.15 0.00	37.35 2.64 0.00	40.37 3.02 0.00	48.27 3.41 0.00	54.32 2.64 0.00	51.99 2.19 0.00	44.86 1.73 0.00	43.41 2.22 0.00	40.90 1.98 0.00	39.01 1.54 0.00	37.65 1.13 0.00	37.53 0.45 0.00	38.17 -0.58 0.00	42.19 -0.69 0.00	48.51 -0.29 0.00	44.79 -0.77 0.00	41.38 -1.19 0.00	37.22 -0.99 0.00	35.25 -0.94 0.00	32.60 -1.39 0.00	32.59 -0.53 0.00
SOUTHOLD_69_KV_BK 2 55809	44.78 4.05 -5.23	41.41 3.97 -3.47	37.79 3.78 0.00	38.06 3.90 0.00	42.36 3.96 -3.69	45.76 4.26 -4.16	53.95 6.37 -2.72	60.70 7.80 -1.21	57.19 7.37 -0.01	51.24 5.65 -2.45	45.89 4.70 0.00	43.54 4.63 0.00	41.70 4.23 0.00	40.83 4.31 0.00	41.80 4.71 0.00	45.19 5.23 -1.20	55.76 6.65 -6.24	65.54 8.35 -8.38	61.43 7.97 -7.90	53.04 6.73 -3.75	51.28 5.81 -7.26	46.78 5.25 -5.34	41.04 4.83 -2.22	40.13 4.50 -2.51
SOUTHOLD___IC 23719	44.85 4.12 -5.23	41.41 3.97 -3.47	37.75 3.74 0.00	37.96 3.79 0.00	42.33 3.92 -3.69	45.76 4.26 -4.16	53.95 6.37 -2.72	60.70 7.80 -1.21	57.24 7.42 -0.01	51.62 6.04 -2.45	46.05 4.86 0.00	43.62 4.71 0.00	41.85 4.38 0.00	40.86 4.34 0.00	41.95 4.86 0.00	45.27 5.31 -1.20	55.67 6.56 -6.24	65.59 8.40 -8.38	61.52 8.07 -7.90	53.17 6.85 -3.75	51.32 5.85 -7.26	46.70 5.17 -5.34	40.94 4.72 -2.22	40.10 4.47 -2.51
SOUTH_FORK_WT_PWR 323839	44.92 4.19 -5.23	41.44 4.01 -3.47	37.82 3.81 0.00	38.03 3.86 0.00	42.39 3.99 -3.69	45.83 4.33 -4.16	54.04 6.46 -2.72	60.75 7.85 -1.21	57.29 7.47 -0.01	51.67 6.08 -2.45	46.13 4.94 0.00	43.66 4.75 0.00	41.93 4.46 0.00	40.93 4.42 0.00	41.98 4.90 0.00	45.31 5.35 -1.20	55.76 6.65 -6.24	65.63 8.44 -8.38	61.61 8.15 -7.90	53.26 6.94 -3.75	51.40 5.92 -7.26	46.78 5.25 -5.34	41.01 4.79 -2.22	40.17 4.54 -2.51
SPIERFLS_115KV_TB 1 80737	37.28 1.78 0.00	35.63 1.66 0.00	35.85 1.84 0.00	35.98 1.81 0.00	36.62 1.91 0.00	39.51 2.17 0.00	48.22 3.36 0.00	55.35 3.67 0.00	53.09 3.29 0.00	45.64 2.50 0.00	43.29 2.10 0.00	40.82 1.91 0.00	39.31 1.84 0.00	38.31 1.79 0.00	39.02 1.93 0.00	40.93 2.17 0.00	45.49 2.62 0.00	52.22 3.42 0.00	48.71 3.14 0.00	45.38 2.81 0.00	40.69 2.48 0.00	38.61 2.42 0.00	36.07 2.07 0.00	35.07 1.95 0.00
ST LAWRENCE____ 23600	35.33 -0.18 0.00	33.90 -0.07 0.00	33.94 -0.07 0.00	34.10 -0.07 0.00	34.61 -0.10 0.00	37.04 -0.30 0.00	44.01 -0.85 0.00	50.75 -0.93 0.00	49.00 -0.80 0.00	42.54 -0.60 0.00	41.11 -0.08 0.00	38.76 -0.16 0.00	37.36 -0.11 0.00	36.41 -0.11 0.00	36.98 -0.11 0.00	38.60 -0.15 0.00	42.53 -0.34 0.00	47.83 -0.98 0.00	44.60 -0.96 0.00	42.01 -0.55 0.00	37.71 -0.50 0.00	35.79 -0.40 0.00	33.59 -0.41 0.00	32.79 -0.33 0.00
STATE_CA_115KV_115_LB 55624	36.04 0.53 0.00	34.51 0.54 0.00	34.56 0.54 0.00	34.65 0.48 0.00	35.20 0.49 0.00	37.90 0.56 0.00	45.98 1.12 0.00	53.13 1.45 0.00	51.15 1.34 0.00	44.04 0.91 0.00	41.73 0.54 0.00	39.46 0.54 0.00	38.03 0.56 0.00	37.10 0.58 0.00	37.76 0.67 0.00	39.57 0.81 0.00	43.91 1.03 0.00	50.32 1.51 0.00	47.02 1.46 0.00	43.67 1.11 0.00	39.16 0.96 0.00	37.17 0.98 0.00	34.98 0.99 0.00	34.01 0.89 0.00
STATE_ST_34_KV_LOAD 55959	35.51 0.00 0.00	33.93 -0.03 0.00	33.98 -0.03 0.00	34.17 0.00 0.00	34.82 0.10 0.00	37.60 0.26 0.00	45.44 0.58 0.00	52.09 0.41 0.00	50.15 0.35 0.00	43.35 0.22 0.00	41.56 0.37 0.00	39.14 0.23 0.00	37.62 0.15 0.00	36.59 0.07 0.00	37.13 0.04 0.00	38.68 -0.08 0.00	42.92 0.04 0.00	49.10 0.29 0.00	45.70 0.14 0.00	42.44 -0.13 0.00	38.13 -0.08 0.00	36.04 -0.14 0.00	33.66 -0.34 0.00	32.82 -0.30 0.00
STATION 5_MISC_HYD 23604	35.15 -0.36 0.00	33.42 -0.54 0.00	33.50 -0.51 0.00	33.66 -0.51 0.00	34.26 -0.45 0.00	37.42 0.07 0.00	44.95 0.09 0.00	50.91 -0.77 0.00	48.81 -1.00 0.00	42.71 -0.43 0.00	40.90 -0.29 0.00	38.45 -0.47 0.00	36.83 -0.64 0.00	35.82 -0.69 0.00	36.09 -1.00 0.00	37.24 -1.51 0.00	41.34 -1.54 0.00	47.44 -1.37 0.00	44.06 -1.50 0.00	40.78 -1.79 0.00	36.72 -1.49 0.00	34.74 -1.45 0.00	32.60 -1.40 0.00	32.06 -1.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.51 0.00 0.00	33.83 -0.14 0.00	33.87 -0.14 0.00	34.17 0.00 0.00	34.89 0.17 0.00	37.75 0.41 0.00	45.40 0.54 0.00	51.52 -0.16 0.00	49.60 -0.20 0.00	43.01 -0.13 0.00	41.52 0.33 0.00	39.07 0.16 0.00	37.43 -0.04 0.00	36.37 -0.15 0.00	36.75 -0.33 0.00	38.06 -0.70 0.00	42.24 -0.64 0.00	48.37 -0.44 0.00	45.02 -0.55 0.00	41.67 -0.89 0.00	37.52 -0.69 0.00	35.43 -0.76 0.00	32.94 -1.05 0.00	32.29 -0.83 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.87 -0.64 0.00	33.25 -0.71 0.00	33.30 -0.71 0.00	33.62 -0.55 0.00	34.33 -0.38 0.00	37.12 -0.22 0.00	44.46 -0.40 0.00	50.23 -1.45 0.00	48.36 -1.44 0.00	42.02 -1.12 0.00	40.61 -0.58 0.00	38.25 -0.66 0.00	36.68 -0.79 0.00	35.60 -0.91 0.00	35.98 -1.11 0.00	37.13 -1.63 0.00	41.25 -1.63 0.00	47.15 -1.66 0.00	43.92 -1.64 0.00	40.65 -1.92 0.00	36.60 -1.60 0.00	34.63 -1.56 0.00	32.16 -1.84 0.00	31.63 -1.49 0.00

STA_56___34_KV_BUS2 355983	34.87 -0.64 0.00	33.25 -0.71 0.00	33.30 -0.71 0.00	33.62 -0.55 0.00	34.33 -0.38 0.00	37.12 -0.22 0.00	44.46 -0.40 0.00	50.23 -1.45 0.00	48.36 -1.44 0.00	42.02 -1.12 0.00	40.61 -0.58 0.00	38.25 -0.66 0.00	36.68 -0.79 0.00	35.60 -0.91 0.00	35.98 -1.11 0.00	37.13 -1.63 0.00	41.25 -1.63 0.00	47.15 -1.66 0.00	43.92 -1.64 0.00	40.65 -1.92 0.00	36.60 -1.60 0.00	34.63 -1.56 0.00	32.16 -1.84 0.00	31.63 -1.49 0.00
STA_67___115KV_BK2 355882	35.01 -0.50 0.00	33.35 -0.61 0.00	33.43 -0.58 0.00	33.76 -0.41 0.00	34.47 -0.24 0.00	37.30 -0.04 0.00	44.59 -0.27 0.00	50.28 -1.40 0.00	48.41 -1.39 0.00	42.02 -1.12 0.00	40.70 -0.49 0.00	38.29 -0.62 0.00	36.76 -0.71 0.00	35.68 -0.84 0.00	36.01 -1.08 0.00	37.13 -1.63 0.00	41.25 -1.63 0.00	47.20 -1.61 0.00	43.92 -1.64 0.00	40.65 -1.92 0.00	36.64 -1.57 0.00	34.67 -1.52 0.00	32.19 -1.80 0.00	31.70 -1.42 0.00
STA_7___115KV_9TRANS 80674	35.26 -0.25 0.00	33.56 -0.41 0.00	33.64 -0.37 0.00	33.96 -0.21 0.00	34.68 -0.03 0.00	37.53 0.19 0.00	44.95 0.09 0.00	50.65 -1.03 0.00	48.81 -1.00 0.00	42.41 -0.73 0.00	41.07 -0.12 0.00	38.64 -0.27 0.00	37.06 -0.41 0.00	35.97 -0.55 0.00	36.31 -0.78 0.00	37.44 -1.32 0.00	41.55 -1.33 0.00	47.59 -1.22 0.00	44.29 -1.28 0.00	40.99 -1.57 0.00	36.91 -1.30 0.00	34.92 -1.27 0.00	32.40 -1.60 0.00	31.86 -1.26 0.00
STA_82___115KV_TB1 80780	35.05 -0.46 0.00	33.39 -0.58 0.00	33.43 -0.58 0.00	33.79 -0.38 0.00	34.51 -0.21 0.00	37.30 -0.04 0.00	44.63 -0.22 0.00	50.28 -1.40 0.00	48.46 -1.34 0.00	42.06 -1.08 0.00	40.74 -0.45 0.00	38.33 -0.58 0.00	36.76 -0.71 0.00	35.71 -0.80 0.00	36.05 -1.04 0.00	37.17 -1.59 0.00	41.29 -1.59 0.00	47.20 -1.61 0.00	43.97 -1.59 0.00	40.69 -1.87 0.00	36.64 -1.57 0.00	34.67 -1.52 0.00	32.19 -1.80 0.00	31.70 -1.42 0.00
STEEL___WIND 323596	35.65 0.14 0.00	33.90 -0.07 0.00	33.94 -0.07 0.00	34.17 0.00 0.00	34.82 0.10 0.00	38.24 0.89 0.00	45.62 0.76 0.00	51.21 -0.47 0.00	48.76 -1.05 0.00	42.79 -0.35 0.00	40.99 -0.20 0.00	38.60 -0.31 0.00	36.98 -0.49 0.00	35.90 -0.62 0.00	35.90 -1.19 0.00	36.70 -2.06 0.00	40.69 -2.19 0.00	46.90 -1.90 0.00	43.24 -2.32 0.00	40.01 -2.55 0.00	36.11 -2.10 0.00	34.27 -1.92 0.00	32.23 -1.77 0.00	32.03 -1.09 0.00
STEPHTWN_115KV_BK_2 55603	36.40 0.89 0.00	34.81 0.85 0.00	34.86 0.85 0.00	34.95 0.79 0.00	35.55 0.83 0.00	38.28 0.93 0.00	46.52 1.66 0.00	53.70 2.02 0.00	51.75 1.94 0.00	44.48 1.34 0.00	42.10 0.91 0.00	39.81 0.89 0.00	38.29 0.82 0.00	37.36 0.84 0.00	38.02 0.93 0.00	39.88 1.12 0.00	44.29 1.41 0.00	50.81 2.00 0.00	47.48 1.91 0.00	44.14 1.57 0.00	39.55 1.34 0.00	37.53 1.34 0.00	35.29 1.29 0.00	34.28 1.16 0.00
STEBUBEN_REC_LFGE 323667	36.72 1.21 0.00	35.08 1.12 0.00	35.17 1.16 0.00	35.71 1.54 0.00	36.59 1.87 0.00	39.62 2.28 0.00	47.55 2.69 0.00	53.75 2.07 0.00	51.50 1.69 0.00	44.48 1.34 0.00	42.96 1.77 0.00	40.31 1.40 0.00	38.59 1.12 0.00	37.28 0.77 0.00	37.39 0.30 0.00	38.45 -0.31 0.00	42.54 -0.34 0.00	48.76 -0.05 0.00	45.11 -0.46 0.00	41.63 -0.94 0.00	37.52 -0.69 0.00	35.54 -0.65 0.00	32.98 -1.02 0.00	32.52 -0.60 0.00
STILLWATER___SOLAR 323814	37.11 1.60 0.00	35.46 1.49 0.00	35.58 1.57 0.00	35.74 1.57 0.00	36.35 1.63 0.00	39.13 1.79 0.00	47.15 2.29 0.00	54.26 2.58 0.00	52.19 2.39 0.00	45.03 1.90 0.00	42.59 1.40 0.00	40.24 1.32 0.00	38.74 1.27 0.00	37.76 1.24 0.00	38.46 1.37 0.00	40.35 1.59 0.00	44.72 1.84 0.00	51.34 2.54 0.00	47.98 2.41 0.00	44.65 2.09 0.00	40.35 2.14 0.00	38.25 2.06 0.00	35.83 1.83 0.00	34.87 1.75 0.00
STONY___BROOK 24151	43.51 2.77 -5.23	40.16 2.72 -3.47	36.49 2.48 0.00	36.70 2.53 0.00	41.01 2.60 -3.69	44.30 2.80 -4.16	51.88 4.31 -2.72	58.27 5.37 -1.21	55.05 5.23 -0.01	49.86 4.27 -2.45	44.41 3.21 0.00	42.06 3.15 0.00	40.43 2.96 0.00	39.47 2.96 0.00	40.43 3.34 0.00	43.68 3.72 -1.20	53.61 4.50 -6.24	62.90 5.71 -8.39	59.02 5.56 -7.90	51.09 4.77 -3.75	49.48 4.01 -7.26	45.11 3.58 -5.34	39.55 3.33 -2.22	38.71 3.08 -2.51
STURGEON_POOL_HYD 23609	36.86 1.35 0.00	35.36 1.39 0.00	35.27 1.26 0.00	35.47 1.30 0.00	35.96 1.25 0.00	38.69 1.34 0.00	47.19 2.33 0.00	54.57 2.89 0.00	52.69 2.89 0.00	45.12 1.98 0.00	42.43 1.24 0.00	40.20 1.28 0.00	38.74 1.27 0.00	37.76 1.24 0.00	38.50 1.41 0.00	40.42 1.67 0.00	45.02 2.14 0.00	51.78 2.98 0.00	48.48 2.92 0.00	44.74 2.17 0.00	40.04 1.83 0.00	37.93 1.74 0.00	35.80 1.80 0.00	34.74 1.62 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.54 1.03 0.00	35.05 1.09 0.00	35.00 0.99 0.00	35.16 0.99 0.00	35.69 0.97 0.00	38.39 1.05 0.00	46.79 1.93 0.00	54.21 2.53 0.00	52.29 2.49 0.00	44.82 1.68 0.00	42.30 1.11 0.00	40.12 1.21 0.00	38.67 1.20 0.00	37.72 1.21 0.00	38.42 1.34 0.00	40.31 1.55 0.00	44.85 1.97 0.00	51.54 2.73 0.00	48.25 2.69 0.00	44.65 2.09 0.00	39.97 1.76 0.00	37.85 1.66 0.00	35.63 1.63 0.00	34.58 1.46 0.00
SWANROAD_115KV_TB1 355699	34.23 -1.28 0.00	32.61 -1.36 0.00	32.68 -1.33 0.00	33.14 -1.03 0.00	33.92 -0.80 0.00	36.67 -0.67 0.00	43.33 -1.53 0.00	48.01 -3.67 0.00	46.12 -3.69 0.00	40.03 -3.11 0.00	39.13 -2.06 0.00	36.89 -2.02 0.00	35.41 -2.06 0.00	34.33 -2.19 0.00	34.46 -2.63 0.00	35.23 -3.53 0.00	39.10 -3.77 0.00	44.66 -4.15 0.00	41.46 -4.10 0.00	38.40 -4.17 0.00	34.73 -3.48 0.00	32.97 -3.22 0.00	30.49 -3.50 0.00	30.40 -2.72 0.00
SYNERGY___BIOGAS 323694	35.72 0.21 0.00	33.90 -0.07 0.00	33.94 -0.07 0.00	34.13 -0.03 0.00	34.78 0.07 0.00	38.24 0.89 0.00	45.84 0.99 0.00	51.47 -0.21 0.00	49.21 -0.60 0.00	43.27 0.13 0.00	41.44 0.25 0.00	38.91 0.00 0.00	37.21 -0.26 0.00	36.12 -0.40 0.00	36.24 -0.85 0.00	37.13 -1.63 0.00	41.21 -1.67 0.00	47.49 -1.32 0.00	43.92 -1.64 0.00	40.57 -2.00 0.00	36.57 -1.64 0.00	34.60 -1.59 0.00	32.50 -1.50 0.00	32.13 -0.99 0.00
SYRACUSE___ENERGY_ST1 323597	35.22 -0.28 0.00	33.66 -0.31 0.00	33.70 -0.31 0.00	33.89 -0.27 0.00	34.47 -0.24 0.00	37.19 -0.15 0.00	44.81 -0.04 0.00	51.37 -0.31 0.00	49.50 -0.30 0.00	42.79 -0.35 0.00	40.94 -0.25 0.00	38.60 -0.31 0.00	37.13 -0.34 0.00	36.15 -0.37 0.00	36.68 -0.41 0.00	38.25 -0.50 0.00	42.41 -0.47 0.00	48.51 -0.29 0.00	45.24 -0.32 0.00	42.06 -0.51 0.00	37.83 -0.38 0.00	35.79 -0.40 0.00	33.49 -0.51 0.00	32.69 -0.43 0.00
SYRACUSE___ENERGY_ST2 323598	35.22 -0.28 0.00	33.66 -0.31 0.00	33.70 -0.31 0.00	33.89 -0.27 0.00	34.47 -0.24 0.00	37.19 -0.15 0.00	44.81 -0.04 0.00	51.37 -0.31 0.00	49.50 -0.30 0.00	42.79 -0.35 0.00	40.94 -0.25 0.00	38.60 -0.31 0.00	37.13 -0.34 0.00	36.15 -0.37 0.00	36.68 -0.41 0.00	38.25 -0.50 0.00	42.41 -0.47 0.00	48.51 -0.29 0.00	45.24 -0.32 0.00	42.06 -0.51 0.00	37.83 -0.38 0.00	35.79 -0.40 0.00	33.49 -0.51 0.00	32.69 -0.43 0.00

SYRACUSE___POWER 24017	35.22 -0.28 0.00	33.66 -0.31 0.00	33.70 -0.31 0.00	33.89 -0.27 0.00	34.47 -0.24 0.00	37.16 -0.19 0.00	44.77 -0.09 0.00	51.32 -0.36 0.00	49.40 -0.40 0.00	42.66 -0.47 0.00	40.86 -0.33 0.00	38.52 -0.39 0.00	37.06 -0.41 0.00	36.08 -0.44 0.00	36.61 -0.48 0.00	38.17 -0.58 0.00	42.36 -0.51 0.00	48.42 -0.39 0.00	45.24 -0.32 0.00	42.06 -0.51 0.00	37.83 -0.38 0.00	35.83 -0.36 0.00	33.52 -0.48 0.00	32.69 -0.43 0.00
TALLMAN___138KV_BK151 55660	36.64 1.14 0.00	35.15 1.19 0.00	35.07 1.05 0.00	35.26 1.09 0.00	35.76 1.04 0.00	38.46 1.12 0.00	46.97 2.11 0.00	54.52 2.84 0.00	52.59 2.79 0.00	45.04 1.90 0.00	42.51 1.32 0.00	40.31 1.40 0.00	38.89 1.42 0.00	37.98 1.46 0.00	38.65 1.56 0.00	40.58 1.82 0.00	45.19 2.32 0.00	51.93 3.12 0.00	48.66 3.10 0.00	44.95 2.38 0.00	40.27 2.06 0.00	38.11 1.92 0.00	35.90 1.90 0.00	34.78 1.66 0.00
TEALLAVE_115KV_TB7 355573	35.05 -0.46 0.00	33.49 -0.48 0.00	33.53 -0.48 0.00	33.72 -0.44 0.00	34.30 -0.42 0.00	36.97 -0.37 0.00	44.50 -0.36 0.00	51.06 -0.62 0.00	49.16 -0.65 0.00	42.49 -0.65 0.00	40.66 -0.54 0.00	38.37 -0.54 0.00	36.91 -0.56 0.00	35.93 -0.58 0.00	36.46 -0.63 0.00	38.02 -0.74 0.00	42.15 -0.73 0.00	48.17 -0.63 0.00	44.92 -0.64 0.00	41.76 -0.81 0.00	37.60 -0.61 0.00	35.61 -0.58 0.00	33.32 -0.68 0.00	32.52 -0.60 0.00
TELGRAPH_34_KV_EAST 80808	35.12 -0.39 0.00	33.45 -0.51 0.00	33.50 -0.51 0.00	33.96 -0.21 0.00	34.78 0.07 0.00	37.64 0.30 0.00	44.68 -0.18 0.00	49.72 -1.96 0.00	47.81 -1.99 0.00	41.54 -1.60 0.00	40.49 -0.70 0.00	38.13 -0.78 0.00	36.57 -0.90 0.00	35.42 -1.10 0.00	35.57 -1.52 0.00	36.39 -2.36 0.00	40.43 -2.44 0.00	46.27 -2.54 0.00	42.97 -2.60 0.00	39.76 -2.81 0.00	35.88 -2.33 0.00	33.98 -2.21 0.00	31.41 -2.58 0.00	31.20 -1.92 0.00
TEMPLE___115KV_TB 2 55572	35.05 -0.46 0.00	33.49 -0.48 0.00	33.53 -0.48 0.00	33.72 -0.44 0.00	34.33 -0.38 0.00	36.97 -0.37 0.00	44.54 -0.31 0.00	51.11 -0.57 0.00	49.21 -0.60 0.00	42.54 -0.60 0.00	40.70 -0.49 0.00	38.41 -0.51 0.00	36.91 -0.56 0.00	35.97 -0.55 0.00	36.49 -0.59 0.00	38.06 -0.70 0.00	42.19 -0.69 0.00	48.22 -0.59 0.00	44.97 -0.59 0.00	41.80 -0.77 0.00	37.60 -0.61 0.00	35.65 -0.54 0.00	33.35 -0.65 0.00	32.56 -0.56 0.00
TIANA___69_KV_BK 1 55817	44.11 3.37 -5.23	40.73 3.29 -3.47	37.14 3.13 0.00	37.38 3.21 0.00	41.67 3.26 -3.69	45.01 3.51 -4.16	52.92 5.34 -2.72	59.51 6.62 -1.21	56.09 6.28 -0.01	50.33 4.75 -2.45	45.02 3.83 0.00	42.69 3.77 0.00	40.95 3.48 0.00	40.06 3.54 0.00	40.98 3.89 0.00	44.30 4.34 -1.20	54.69 5.57 -6.24	64.22 7.03 -8.38	60.20 6.74 -7.90	51.98 5.66 -3.75	50.36 4.89 -7.26	45.95 4.42 -5.34	40.30 4.08 -2.22	39.44 3.81 -2.51
TILDEN___115KV_TB1 80814	35.22 -0.28 0.00	33.66 -0.31 0.00	33.70 -0.31 0.00	33.89 -0.27 0.00	34.47 -0.24 0.00	37.16 -0.19 0.00	44.77 -0.09 0.00	51.32 -0.36 0.00	49.40 -0.40 0.00	42.66 -0.47 0.00	40.86 -0.33 0.00	38.52 -0.39 0.00	37.06 -0.41 0.00	36.08 -0.44 0.00	36.61 -0.48 0.00	38.17 -0.58 0.00	42.36 -0.51 0.00	48.42 -0.39 0.00	45.24 -0.32 0.00	42.06 -0.51 0.00	37.83 -0.38 0.00	35.83 -0.36 0.00	33.52 -0.48 0.00	32.69 -0.43 0.00
TRIGEN___CC 323695	42.65 1.92 -5.23	39.37 1.94 -3.47	35.78 1.77 0.00	35.98 1.81 0.00	40.21 1.81 -3.69	43.44 1.94 -4.16	50.72 3.14 -2.72	56.92 4.03 -1.21	53.75 3.93 -0.01	48.52 2.93 -2.45	43.41 2.22 0.00	41.21 2.30 0.00	39.64 2.17 0.00	38.75 2.23 0.00	39.50 2.41 0.00	42.75 2.79 -1.20	52.46 3.34 -6.24	61.48 4.29 -8.37	57.69 4.24 -7.89	49.77 3.45 -3.75	48.49 3.02 -7.26	44.35 2.82 -5.34	38.94 2.72 -2.22	38.08 2.45 -2.51
TRINITY___115KV___ 4 BK 55933	35.93 0.43 0.00	34.41 0.44 0.00	34.45 0.44 0.00	34.58 0.41 0.00	35.13 0.42 0.00	37.79 0.45 0.00	45.85 0.99 0.00	52.92 1.24 0.00	51.00 1.20 0.00	43.87 0.73 0.00	41.60 0.41 0.00	39.34 0.43 0.00	37.92 0.45 0.00	36.99 0.47 0.00	37.61 0.52 0.00	39.45 0.70 0.00	43.78 0.90 0.00	50.17 1.37 0.00	46.88 1.32 0.00	43.55 0.98 0.00	39.05 0.84 0.00	37.06 0.87 0.00	34.91 0.92 0.00	33.91 0.79 0.00
UNION___PROCESSING_DRP 323587	35.05 -0.46 0.00	33.39 -0.58 0.00	33.47 -0.54 0.00	33.79 -0.38 0.00	34.51 -0.21 0.00	37.34 0.00 0.00	44.63 -0.22 0.00	50.34 -1.34 0.00	48.46 -1.34 0.00	42.10 -1.04 0.00	40.74 -0.45 0.00	38.33 -0.58 0.00	36.80 -0.67 0.00	35.71 -0.80 0.00	36.05 -1.04 0.00	37.17 -1.59 0.00	41.29 -1.59 0.00	47.24 -1.56 0.00	43.97 -1.59 0.00	40.69 -1.87 0.00	36.64 -1.57 0.00	34.71 -1.48 0.00	32.23 -1.77 0.00	31.70 -1.42 0.00
UPPER HUDSON___HYD 24058	37.32 1.81 0.00	35.63 1.66 0.00	35.85 1.84 0.00	36.01 1.84 0.00	36.66 1.94 0.00	39.51 2.17 0.00	46.92 2.06 0.00	53.80 2.12 0.00	51.59 1.79 0.00	44.52 1.38 0.00	42.14 0.95 0.00	39.73 0.82 0.00	38.26 0.79 0.00	37.29 0.77 0.00	38.02 0.93 0.00	39.92 1.16 0.00	44.16 1.29 0.00	50.81 2.00 0.00	47.43 1.87 0.00	44.23 1.66 0.00	40.69 2.48 0.00	38.58 2.39 0.00	36.04 2.04 0.00	35.04 1.92 0.00
UPPER RAQUET___HYD 24056	34.80 -0.71 0.00	33.52 -0.44 0.00	33.57 -0.44 0.00	33.69 -0.48 0.00	34.20 -0.52 0.00	36.48 -0.86 0.00	43.42 -1.44 0.00	50.18 -1.50 0.00	48.51 -1.30 0.00	42.06 -1.08 0.00	40.70 -0.49 0.00	38.29 -0.62 0.00	36.95 -0.52 0.00	36.01 -0.51 0.00	36.57 -0.52 0.00	38.13 -0.62 0.00	42.02 -0.86 0.00	47.10 -1.71 0.00	43.92 -1.64 0.00	41.33 -1.24 0.00	36.99 -1.22 0.00	35.21 -0.98 0.00	33.01 -0.99 0.00	32.23 -0.89 0.00
VALLEY44_115KV_TB2 355964	36.15 0.64 0.00	34.44 0.48 0.00	34.45 0.44 0.00	35.02 0.85 0.00	35.83 1.11 0.00	38.69 1.34 0.00	46.11 1.26 0.00	51.83 0.16 0.00	49.55 -0.25 0.00	42.79 -0.35 0.00	41.52 0.33 0.00	39.22 0.31 0.00	37.69 0.22 0.00	36.48 -0.04 0.00	36.53 -0.56 0.00	37.36 -1.40 0.00	41.51 -1.37 0.00	47.83 -0.98 0.00	44.29 -1.28 0.00	40.86 -1.70 0.00	36.80 -1.41 0.00	34.89 -1.30 0.00	32.36 -1.63 0.00	32.09 -1.03 0.00
VALLEY___115KV_TB 1-4 80826	36.18 0.67 0.00	34.61 0.65 0.00	34.69 0.68 0.00	34.85 0.68 0.00	35.44 0.73 0.00	38.24 0.90 0.00	46.11 1.26 0.00	53.28 1.60 0.00	51.40 1.59 0.00	44.43 1.29 0.00	42.26 1.07 0.00	40.00 1.09 0.00	38.52 1.05 0.00	37.47 0.95 0.00	37.90 0.82 0.00	39.45 0.70 0.00	43.61 0.73 0.00	49.34 0.54 0.00	46.06 0.50 0.00	43.04 0.47 0.00	38.55 0.34 0.00	36.59 0.40 0.00	34.40 0.41 0.00	33.52 0.40 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	37.85 2.34 0.00	36.14 2.17 0.00	36.19 2.18 0.00	36.35 2.19 0.00	36.94 2.22 0.00	39.92 2.58 0.00	48.54 3.68 0.00	55.97 4.29 0.00	53.89 4.08 0.00	46.29 3.15 0.00	43.99 2.80 0.00	41.48 2.57 0.00	39.91 2.44 0.00	38.89 2.37 0.00	39.46 2.37 0.00	41.16 2.40 0.00	45.88 3.00 0.00	52.47 3.66 0.00	49.03 3.46 0.00	45.67 3.11 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.10 2.11 0.00	35.11 1.99 0.00

VISCHER___FERRY HYD 24020	36.68 1.17 0.00	35.08 1.12 0.00	35.13 1.12 0.00	35.29 1.13 0.00	35.86 1.14 0.00	38.57 1.23 0.00	46.66 1.80 0.00	53.80 2.12 0.00	51.85 2.04 0.00	44.78 1.64 0.00	42.34 1.15 0.00	40.04 1.13 0.00	38.56 1.09 0.00	37.61 1.09 0.00	38.24 1.15 0.00	40.11 1.36 0.00	44.42 1.54 0.00	51.01 2.20 0.00	47.70 2.14 0.00	44.31 1.75 0.00	39.85 1.64 0.00	37.78 1.59 0.00	35.46 1.46 0.00	34.48 1.36 0.00
V_A_10_SYNC_DSASP 323832	34.51 -0.99 0.00	32.84 -1.12 0.00	32.92 -1.09 0.00	33.07 -1.09 0.00	33.67 -1.04 0.00	36.90 -0.45 0.00	44.05 -0.81 0.00	49.46 -2.22 0.00	47.27 -2.54 0.00	41.46 -1.68 0.00	39.71 -1.48 0.00	37.39 -1.52 0.00	35.86 -1.61 0.00	34.84 -1.68 0.00	35.01 -2.08 0.00	35.97 -2.79 0.00	39.88 -3.00 0.00	45.83 -2.98 0.00	42.42 -3.14 0.00	39.29 -3.28 0.00	35.46 -2.75 0.00	33.62 -2.57 0.00	31.65 -2.35 0.00	31.33 -1.79 0.00
V_CMM_10_SYNC_DSASP 323787	35.47 -0.04 0.00	34.03 0.07 0.00	34.08 0.07 0.00	34.24 0.07 0.00	34.75 0.03 0.00	37.23 -0.11 0.00	44.23 -0.63 0.00	51.01 -0.67 0.00	49.21 -0.60 0.00	42.71 -0.43 0.00	41.27 0.08 0.00	38.91 0.00 0.00	37.51 0.04 0.00	36.55 0.04 0.00	37.13 0.04 0.00	38.76 0.00 0.00	42.71 -0.17 0.00	48.02 -0.78 0.00	44.79 -0.77 0.00	42.18 -0.38 0.00	37.83 -0.38 0.00	35.90 -0.29 0.00	33.69 -0.31 0.00	32.89 -0.23 0.00
V_CMP_10_SYNC_DSASP 323788	36.97 1.46 0.00	35.36 1.39 0.00	35.44 1.43 0.00	35.54 1.37 0.00	36.00 1.29 0.00	38.09 0.75 0.00	45.44 0.58 0.00	52.82 1.14 0.00	51.15 1.35 0.00	44.56 1.42 0.00	43.17 1.98 0.00	40.58 1.67 0.00	39.12 1.65 0.00	38.16 1.64 0.00	38.68 1.59 0.00	40.23 1.47 0.00	44.12 1.24 0.00	49.25 0.44 0.00	45.56 0.00 0.00	42.40 -0.17 0.00	37.86 -0.34 0.00	35.83 -0.36 0.00	33.55 -0.44 0.00	33.19 0.07 0.00
V_D_10_SYNC_DSASP 323841	35.62 0.11 0.00	34.27 0.30 0.00	34.32 0.31 0.00	34.47 0.31 0.00	34.99 0.28 0.00	37.38 0.04 0.00	44.37 -0.49 0.00	51.21 -0.47 0.00	49.46 -0.35 0.00	42.88 -0.26 0.00	41.48 0.29 0.00	39.07 0.16 0.00	37.66 0.19 0.00	36.70 0.18 0.00	37.27 0.19 0.00	38.87 0.12 0.00	42.84 -0.04 0.00	48.17 -0.64 0.00	44.92 -0.64 0.00	42.27 -0.30 0.00	37.90 -0.31 0.00	36.08 -0.11 0.00	33.86 -0.14 0.00	33.09 -0.03 0.00
V_E_10_SYNC_DSASP 323830	39.27 3.76 0.00	37.36 3.40 0.00	37.35 3.33 0.00	37.65 3.49 0.00	38.22 3.50 0.00	41.78 4.44 0.00	50.91 6.05 0.00	58.65 6.97 0.00	56.28 6.47 0.00	48.79 5.65 0.00	46.26 5.06 0.00	43.19 4.28 0.00	41.37 3.90 0.00	40.17 3.65 0.00	40.68 3.60 0.00	42.28 3.53 0.00	47.21 4.33 0.00	54.13 5.32 0.00	50.21 4.65 0.00	46.65 4.09 0.00	41.53 3.32 0.00	39.09 2.90 0.00	36.20 2.21 0.00	35.27 2.15 0.00
V_F_30_NSYNC___DSASP 323816	37.14 1.63 0.00	35.53 1.56 0.00	35.61 1.60 0.00	35.77 1.61 0.00	36.38 1.67 0.00	39.17 1.83 0.00	47.19 2.33 0.00	54.31 2.63 0.00	52.24 2.44 0.00	45.12 1.99 0.00	42.67 1.48 0.00	40.31 1.40 0.00	38.82 1.35 0.00	37.83 1.31 0.00	38.53 1.45 0.00	40.38 1.63 0.00	44.76 1.88 0.00	51.39 2.59 0.00	48.02 2.46 0.00	44.69 2.13 0.00	40.39 2.18 0.00	38.29 2.10 0.00	35.86 1.87 0.00	34.91 1.79 0.00
V_F_30_SYNC_DSASP 323786	36.04 0.53 0.00	34.51 0.54 0.00	34.56 0.54 0.00	34.65 0.48 0.00	35.20 0.49 0.00	37.90 0.56 0.00	45.98 1.12 0.00	53.13 1.45 0.00	51.15 1.34 0.00	44.04 0.91 0.00	41.73 0.54 0.00	39.46 0.54 0.00	38.03 0.56 0.00	37.07 0.55 0.00	37.72 0.63 0.00	39.57 0.81 0.00	43.91 1.03 0.00	50.32 1.51 0.00	47.02 1.46 0.00	43.67 1.11 0.00	39.16 0.96 0.00	37.17 0.98 0.00	34.98 0.99 0.00	34.01 0.89 0.00
V_XM_10_SYNC_DSASP 323789	36.97 1.46 0.00	35.36 1.39 0.00	35.44 1.43 0.00	35.54 1.37 0.00	36.00 1.29 0.00	38.09 0.75 0.00	45.44 0.58 0.00	52.82 1.14 0.00	51.15 1.35 0.00	44.56 1.42 0.00	43.17 1.98 0.00	40.58 1.67 0.00	39.12 1.65 0.00	38.16 1.64 0.00	38.68 1.59 0.00	40.23 1.47 0.00	44.12 1.24 0.00	49.25 0.44 0.00	45.56 0.00 0.00	42.40 -0.17 0.00	37.86 -0.34 0.00	35.83 -0.36 0.00	33.55 -0.44 0.00	33.19 0.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.75 1.24 0.00	35.25 1.29 0.00	35.17 1.16 0.00	35.36 1.20 0.00	35.86 1.15 0.00	38.57 1.23 0.00	47.15 2.29 0.00	54.73 3.05 0.00	52.74 2.94 0.00	45.21 2.07 0.00	42.59 1.40 0.00	40.43 1.52 0.00	39.01 1.54 0.00	38.05 1.53 0.00	38.72 1.63 0.00	40.66 1.90 0.00	45.28 2.40 0.00	52.08 3.27 0.00	48.80 3.23 0.00	45.08 2.51 0.00	40.35 2.14 0.00	38.18 1.99 0.00	35.97 1.97 0.00	34.84 1.72 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.89 1.38 0.00	35.42 1.46 0.00	35.30 1.29 0.00	35.50 1.33 0.00	36.00 1.28 0.00	38.72 1.38 0.00	47.42 2.56 0.00	55.19 3.51 0.00	53.19 3.39 0.00	45.60 2.46 0.00	42.88 1.69 0.00	40.82 1.91 0.00	39.38 1.91 0.00	38.45 1.94 0.00	39.13 2.04 0.00	41.16 2.40 0.00	45.79 2.92 0.00	52.56 3.76 0.00	49.39 3.83 0.00	45.59 3.02 0.00	40.85 2.64 0.00	38.58 2.39 0.00	36.38 2.38 0.00	35.17 2.05 0.00
W50THST__13_KV_LOAD 356117	37.07 1.56 0.00	35.59 1.63 0.00	35.47 1.46 0.00	35.67 1.50 0.00	36.17 1.46 0.00	38.91 1.57 0.00	47.69 2.83 0.00	55.45 3.77 0.00	53.49 3.69 0.00	45.86 2.72 0.00	43.13 1.94 0.00	41.01 2.10 0.00	39.57 2.10 0.00	38.67 2.15 0.00	39.35 2.26 0.00	41.39 2.64 0.00	46.09 3.22 0.00	52.86 4.05 0.00	49.62 4.06 0.00	45.85 3.28 0.00	41.04 2.83 0.00	38.79 2.61 0.00	36.55 2.55 0.00	35.34 2.22 0.00
WADING RIVER_IC_1 23522	43.93 3.20 -5.23	40.53 3.09 -3.47	36.87 2.86 0.00	37.07 2.90 0.00	41.42 3.02 -3.69	44.75 3.25 -4.16	52.56 4.98 -2.72	59.04 6.15 -1.21	55.74 5.92 -0.01	50.37 4.79 -2.45	44.86 3.66 0.00	42.49 3.58 0.00	40.84 3.37 0.00	39.84 3.32 0.00	40.87 3.78 0.00	44.11 4.15 -1.20	54.26 5.14 -6.24	63.83 6.64 -8.38	59.88 6.43 -7.90	51.77 5.45 -3.75	50.09 4.62 -7.26	45.58 4.05 -5.34	39.99 3.77 -2.22	39.14 3.51 -2.51
WADING RIVER_IC_2 23547	43.93 3.20 -5.23	40.53 3.09 -3.47	36.87 2.86 0.00	37.07 2.90 0.00	41.42 3.02 -3.69	44.75 3.25 -4.16	52.56 4.98 -2.72	59.04 6.15 -1.21	55.74 5.92 -0.01	50.37 4.79 -2.45	44.86 3.66 0.00	42.49 3.58 0.00	40.84 3.37 0.00	39.84 3.32 0.00	40.87 3.78 0.00	44.11 4.15 -1.20	54.26 5.14 -6.24	63.83 6.64 -8.38	59.88 6.43 -7.90	51.77 5.45 -3.75	50.09 4.62 -7.26	45.58 4.05 -5.34	39.99 3.77 -2.22	39.14 3.51 -2.51
WADING RIVER_IC_3 23601	43.93 3.20 -5.23	40.53 3.09 -3.47	36.87 2.86 0.00	37.07 2.90 0.00	41.42 3.02 -3.69	44.75 3.25 -4.16	52.56 4.98 -2.72	59.04 6.15 -1.21	55.74 5.92 -0.01	50.37 4.79 -2.45	44.86 3.66 0.00	42.49 3.58 0.00	40.84 3.37 0.00	39.84 3.32 0.00	40.87 3.78 0.00	44.11 4.15 -1.20	54.26 5.14 -6.24	63.83 6.64 -8.38	59.88 6.43 -7.90	51.77 5.45 -3.75	50.09 4.62 -7.26	45.58 4.05 -5.34	39.99 3.77 -2.22	39.14 3.51 -2.51

WALDENNY_12_KV_BK2 80841	35.51 0.00 0.00	33.86 -0.10 0.00	33.87 -0.14 0.00	34.37 0.21 0.00	35.20 0.49 0.00	38.05 0.71 0.00	45.13 0.27 0.00	50.34 -1.34 0.00	48.31 -1.49 0.00	41.89 -1.25 0.00	40.78 -0.41 0.00	38.48 -0.43 0.00	36.95 -0.52 0.00	35.75 -0.77 0.00	35.86 -1.22 0.00	36.62 -2.13 0.00	40.65 -2.23 0.00	46.56 -2.25 0.00	43.15 -2.41 0.00	39.97 -2.60 0.00	36.07 -2.14 0.00	34.23 -1.95 0.00	31.65 -2.35 0.00	31.50 -1.62 0.00
WALDEN___HYDRO 24148	36.86 1.35 0.00	35.32 1.36 0.00	35.24 1.22 0.00	35.43 1.26 0.00	35.96 1.25 0.00	38.69 1.34 0.00	47.24 2.38 0.00	54.63 2.95 0.00	52.69 2.89 0.00	45.12 1.98 0.00	42.51 1.32 0.00	40.23 1.32 0.00	38.78 1.31 0.00	37.80 1.28 0.00	38.53 1.45 0.00	40.46 1.71 0.00	45.02 2.14 0.00	51.83 3.03 0.00	48.48 2.92 0.00	44.82 2.26 0.00	40.08 1.87 0.00	37.96 1.77 0.00	35.76 1.77 0.00	34.71 1.59 0.00
WARRENSBURG___ 23737	37.32 1.81 0.00	35.63 1.66 0.00	35.85 1.84 0.00	36.01 1.84 0.00	36.66 1.94 0.00	39.51 2.17 0.00	46.92 2.06 0.00	53.80 2.12 0.00	51.59 1.79 0.00	44.52 1.38 0.00	42.14 0.95 0.00	39.73 0.82 0.00	38.26 0.79 0.00	37.29 0.77 0.00	38.02 0.93 0.00	39.92 1.16 0.00	44.16 1.29 0.00	50.81 2.00 0.00	47.43 1.87 0.00	44.23 1.66 0.00	40.69 2.48 0.00	38.58 2.39 0.00	36.04 2.04 0.00	35.04 1.92 0.00
WATERSIDE___6 8 9 23538	36.93 1.42 0.00	35.49 1.53 0.00	35.37 1.36 0.00	35.53 1.37 0.00	36.03 1.32 0.00	38.69 1.34 0.00	47.37 2.51 0.00	55.14 3.46 0.00	53.14 3.34 0.00	45.60 2.46 0.00	42.84 1.65 0.00	40.78 1.87 0.00	39.34 1.87 0.00	38.42 1.90 0.00	39.13 2.04 0.00	41.20 2.44 0.00	45.84 2.96 0.00	52.58 3.81 0.03	49.43 3.87 0.00	45.63 3.06 0.00	40.85 2.64 0.00	38.61 2.42 0.00	36.55 2.55 -0.01	35.35 2.22 -0.01
WATKINRD_115KV_LN8_ILLION 55919	36.11 0.60 0.00	34.51 0.54 0.00	34.59 0.58 0.00	34.75 0.58 0.00	35.34 0.62 0.00	38.09 0.75 0.00	45.89 1.03 0.00	53.02 1.34 0.00	51.10 1.29 0.00	44.13 0.99 0.00	41.93 0.74 0.00	39.73 0.82 0.00	38.26 0.79 0.00	37.25 0.73 0.00	37.79 0.70 0.00	39.42 0.66 0.00	43.69 0.81 0.00	49.64 0.83 0.00	46.34 0.77 0.00	43.25 0.68 0.00	38.78 0.57 0.00	36.77 0.58 0.00	34.54 0.54 0.00	33.62 0.50 0.00
WATSON___69_KV_BK 1 55734	43.75 3.02 -5.23	40.43 2.99 -3.47	36.83 2.82 0.00	37.07 2.90 0.00	41.32 2.92 -3.69	44.64 3.14 -4.16	52.42 4.84 -2.72	58.89 5.99 -1.21	55.55 5.73 -0.01	49.94 4.36 -2.45	44.65 3.46 0.00	42.26 3.35 0.00	40.58 3.11 0.00	39.69 3.18 0.00	40.57 3.49 0.00	43.91 3.95 -1.20	54.09 4.97 -6.24	63.48 6.30 -8.38	59.51 6.06 -7.89	51.38 5.07 -3.75	49.87 4.39 -7.26	45.51 3.98 -5.34	39.92 3.71 -2.22	39.04 3.41 -2.51
WDELAWARE___HYD 323627	37.35 1.85 0.00	35.73 1.77 0.00	35.64 1.63 0.00	35.77 1.61 0.00	36.38 1.67 0.00	39.21 1.87 0.00	47.91 3.05 0.00	55.14 3.46 0.00	53.39 3.59 0.00	45.90 2.76 0.00	42.92 1.73 0.00	40.58 1.67 0.00	39.08 1.61 0.00	38.05 1.53 0.00	38.83 1.74 0.00	40.73 1.98 0.00	45.28 2.40 0.00	52.27 3.47 0.00	48.89 3.32 0.00	45.16 2.60 0.00	40.27 2.06 0.00	38.03 1.84 0.00	35.83 1.83 0.00	34.87 1.75 0.00
WEST BABYLON___IC 23714	43.47 2.73 -5.23	40.16 2.72 -3.47	36.56 2.55 0.00	36.80 2.63 0.00	41.04 2.64 -3.69	44.34 2.84 -4.16	51.97 4.40 -2.72	58.37 5.48 -1.21	55.10 5.28 -0.01	49.60 4.01 -2.45	44.32 3.13 0.00	41.99 3.07 0.00	40.32 2.85 0.00	39.44 2.92 0.00	40.28 3.19 0.00	43.60 3.64 -1.20	53.70 4.59 -6.24	62.99 5.81 -8.37	59.05 5.60 -7.89	51.00 4.68 -3.75	49.52 4.05 -7.26	45.22 3.69 -5.34	39.68 3.47 -2.22	38.81 3.18 -2.51
WEST CANADA___HYD 24049	35.72 0.21 0.00	34.13 0.17 0.00	34.18 0.17 0.00	34.34 0.17 0.00	34.89 0.17 0.00	37.57 0.23 0.00	45.26 0.40 0.00	52.25 0.57 0.00	50.35 0.55 0.00	43.57 0.43 0.00	41.40 0.21 0.00	39.15 0.23 0.00	37.73 0.26 0.00	36.78 0.26 0.00	37.35 0.26 0.00	39.03 0.27 0.00	43.22 0.34 0.00	49.34 0.54 0.00	46.06 0.50 0.00	42.99 0.43 0.00	38.55 0.34 0.00	36.51 0.32 0.00	34.30 0.31 0.00	33.38 0.26 0.00
WESTERN_NY_WIND 24143	35.58 0.07 0.00	33.86 -0.10 0.00	33.91 -0.10 0.00	34.34 0.17 0.00	35.17 0.45 0.00	38.09 0.75 0.00	45.40 0.54 0.00	50.65 -1.03 0.00	48.76 -1.05 0.00	42.36 -0.78 0.00	41.23 0.04 0.00	38.76 -0.16 0.00	37.13 -0.34 0.00	35.97 -0.55 0.00	36.20 -0.89 0.00	37.05 -1.71 0.00	41.16 -1.72 0.00	47.15 -1.66 0.00	43.83 -1.73 0.00	40.48 -2.09 0.00	36.49 -1.72 0.00	34.56 -1.63 0.00	31.92 -2.07 0.00	31.63 -1.49 0.00
WESTOVER___LESR 323668	35.97 0.46 0.00	34.37 0.41 0.00	34.42 0.41 0.00	34.65 0.48 0.00	35.27 0.56 0.00	38.05 0.71 0.00	45.89 1.03 0.00	52.56 0.88 0.00	50.55 0.75 0.00	43.57 0.43 0.00	41.73 0.54 0.00	39.38 0.47 0.00	37.88 0.41 0.00	36.85 0.33 0.00	37.31 0.22 0.00	38.83 0.08 0.00	43.14 0.26 0.00	49.44 0.63 0.00	46.06 0.50 0.00	42.70 0.13 0.00	38.36 0.15 0.00	36.30 0.11 0.00	33.93 -0.07 0.00	33.15 0.03 0.00
WETHRSFD_WT_PWR 323626	35.58 0.07 0.00	33.86 -0.10 0.00	33.94 -0.07 0.00	34.17 0.00 0.00	34.85 0.14 0.00	38.20 0.86 0.00	45.71 0.85 0.00	51.53 -0.15 0.00	49.15 -0.65 0.00	43.01 -0.13 0.00	41.07 -0.12 0.00	38.64 -0.27 0.00	37.02 -0.45 0.00	35.86 -0.66 0.00	35.87 -1.22 0.00	36.78 -1.98 0.00	40.69 -2.19 0.00	46.85 -1.95 0.00	43.29 -2.28 0.00	40.01 -2.55 0.00	36.07 -2.14 0.00	34.20 -1.99 0.00	32.16 -1.84 0.00	31.86 -1.26 0.00
WHAVSTOR_138KV_BK127 55557	36.64 1.14 0.00	35.15 1.19 0.00	35.07 1.05 0.00	35.26 1.09 0.00	35.76 1.04 0.00	38.46 1.12 0.00	46.97 2.11 0.00	54.52 2.84 0.00	52.54 2.74 0.00	45.04 1.90 0.00	42.51 1.32 0.00	40.31 1.40 0.00	38.89 1.42 0.00	37.98 1.46 0.00	38.65 1.56 0.00	40.58 1.82 0.00	45.19 2.32 0.00	51.93 3.12 0.00	48.66 3.10 0.00	44.95 2.38 0.00	40.27 2.06 0.00	38.11 1.92 0.00	35.90 1.90 0.00	34.78 1.66 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.64 1.14 0.00	35.15 1.19 0.00	35.07 1.05 0.00	35.26 1.09 0.00	35.76 1.04 0.00	38.46 1.12 0.00	46.97 2.11 0.00	54.52 2.84 0.00	52.54 2.74 0.00	45.04 1.90 0.00	42.51 1.32 0.00	40.31 1.40 0.00	38.89 1.42 0.00	37.98 1.46 0.00	38.65 1.56 0.00	40.58 1.82 0.00	45.19 2.32 0.00	51.93 3.12 0.00	48.66 3.10 0.00	44.95 2.38 0.00	40.27 2.06 0.00	38.11 1.92 0.00	35.90 1.90 0.00	34.78 1.66 0.00
WHITEHAL_115KV_TB1 80871	37.92 2.41 0.00	36.21 2.24 0.00	36.39 2.38 0.00	36.53 2.36 0.00	37.21 2.50 0.00	40.22 2.88 0.00	49.21 4.35 0.00	56.54 4.86 0.00	54.19 4.38 0.00	46.55 3.41 0.00	44.12 2.92 0.00	41.60 2.68 0.00	40.02 2.55 0.00	38.96 2.45 0.00	39.72 2.63 0.00	41.70 2.95 0.00	46.35 3.47 0.00	53.30 4.49 0.00	49.71 4.15 0.00	46.31 3.75 0.00	41.50 3.29 0.00	39.37 3.18 0.00	36.72 2.72 0.00	35.74 2.62 0.00

WHITEPLN_13_KV_LOAD 356215	37.11 1.60 0.00	35.56 1.60 0.00	35.51 1.50 0.00	35.67 1.50 0.00	36.21 1.49 0.00	38.91 1.57 0.00	47.64 2.78 0.00	55.40 3.72 0.00	53.54 3.74 0.00	45.86 2.72 0.00	43.17 1.98 0.00	40.97 2.06 0.00	39.57 2.10 0.00	38.60 2.08 0.00	39.28 2.19 0.00	41.35 2.60 0.00	46.01 3.13 0.00	52.81 4.00 0.00	49.57 4.01 0.00	45.85 3.28 0.00	40.92 2.71 0.00	38.76 2.57 0.00	36.44 2.45 0.00	35.31 2.19 0.00
WM_FLOYD_69_KV_BK2 356380	43.72 2.98 -5.23	40.39 2.95 -3.47	36.80 2.79 0.00	37.04 2.87 0.00	41.32 2.92 -3.69	44.60 3.10 -4.16	52.38 4.80 -2.72	58.89 5.99 -1.21	55.50 5.68 -0.01	49.86 4.27 -2.45	44.57 3.38 0.00	42.26 3.35 0.00	40.54 3.07 0.00	39.66 3.14 0.00	40.57 3.49 0.00	43.87 3.91 -1.20	54.13 5.02 -6.24	63.54 6.34 -8.38	59.56 6.11 -7.90	51.43 5.11 -3.75	49.87 4.39 -7.26	45.47 3.94 -5.34	39.92 3.71 -2.22	39.07 3.44 -2.51
WOODARD__115KV_TB2 355635	34.94 -0.57 0.00	33.39 -0.58 0.00	33.43 -0.58 0.00	33.62 -0.55 0.00	34.19 -0.52 0.00	36.86 -0.49 0.00	44.41 -0.45 0.00	50.96 -0.72 0.00	49.11 -0.70 0.00	42.41 -0.73 0.00	40.61 -0.58 0.00	38.29 -0.62 0.00	36.83 -0.64 0.00	35.90 -0.62 0.00	36.42 -0.67 0.00	37.98 -0.78 0.00	42.11 -0.77 0.00	48.12 -0.68 0.00	44.83 -0.73 0.00	41.72 -0.85 0.00	37.52 -0.69 0.00	35.54 -0.65 0.00	33.25 -0.75 0.00	32.46 -0.66 0.00
YORK____WARBASSE 23770	37.22 1.70 -0.01	35.77 1.80 -0.01	35.65 1.63 -0.01	35.82 1.64 -0.01	36.32 1.60 -0.01	38.99 1.64 -0.01	47.69 2.83 0.00	55.40 3.72 0.00	53.34 3.54 0.00	45.77 2.63 0.00	42.96 1.77 0.00	40.90 1.98 0.00	39.49 2.02 0.00	38.56 2.05 0.00	39.24 2.15 0.00	41.43 2.67 0.00	46.14 3.26 0.00	53.18 4.15 -0.23	49.81 4.24 -0.01	45.89 3.32 0.00	41.04 2.83 0.00	38.87 2.68 0.00	36.83 2.82 -0.01	35.58 2.45 -0.01