

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										11/23/2024			
Generator Data																									
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	
	43.87	35.98	29.60	30.41	30.21	32.83	32.18	34.20	45.53	61.24	44.86	39.77	41.65	35.07	36.09	33.18	99.15	47.03	41.60	51.20	37.67	39.92	33.56	33.83	
	2.64	2.16	1.67	1.73	1.82	1.97	2.00	2.25	2.94	3.90	3.02	2.80	3.06	2.61	2.63	2.40	5.59	3.42	3.06	1.68	0.83	1.07	2.45	2.35	
74TH STREET_GT_1 24260																									
	43.94	36.03	29.65	30.46	30.26	32.87	32.23	34.25	45.59	61.30	44.92	39.82	41.70	35.10	36.12	33.21	99.27	47.09	41.67	51.24	37.69	39.95	33.61	33.90	
	2.70	2.21	1.72	1.78	1.87	2.02	2.05	2.30	3.00	3.96	3.08	2.85	3.12	2.65	2.67	2.43	5.70	3.49	3.13	1.71	0.85	1.10	2.49	2.41	
74TH STREET_GT_2 24261																									
	43.94	36.03	29.65	30.46	30.26	32.87	32.23	34.25	45.59	61.30	44.92	39.82	41.70	35.10	36.12	33.21	99.27	47.09	41.67	51.24	37.69	39.95	33.61	33.90	
	2.70	2.21	1.72	1.78	1.87	2.02	2.05	2.30	3.00	3.96	3.08	2.85	3.12	2.65	2.67	2.43	5.70	3.49	3.13	1.71	0.85	1.10	2.49	2.41	
ADK HUDSON___FALLS 24011																									
	43.65	36.02	29.64	30.55	30.27	32.87	32.23	34.38	45.91	61.90	45.16	39.54	41.05	34.00	35.02	32.29	101.01	45.93	40.62	55.05	41.46	43.47	32.69	32.95	
	2.41	2.20	1.72	1.86	1.87	2.02	2.05	2.42	3.33	4.56	3.32	2.57	2.46	1.54	1.57	1.50	3.60	1.96	1.94	1.08	0.56	0.72	1.57	1.46	
ADK RESOURCE___RCVRY 23798																									
	43.81	36.22	29.76	30.69	30.40	33.00	32.40	34.62	46.28	62.33	45.50	39.82	41.32	34.17	35.22	32.43	101.41	46.10	40.80	55.15	41.53	43.55	32.81	33.06	
	2.57	2.40	1.83	2.00	2.00	2.14	2.22	2.66	3.70	4.99	3.66	2.85	2.73	1.72	1.76	1.65	3.99	2.13	2.11	1.15	0.60	0.78	1.69	1.57	
ADK S GLENS___FALLS 24028																									
	43.65	36.02	29.64	30.55	30.27	32.87	32.23	34.38	45.91	61.90	45.16	39.54	41.05	34.00	35.02	32.29	101.01	45.93	40.62	55.05	41.46	43.47	32.69	32.95	
	2.41	2.20	1.72	1.86	1.87	2.02	2.05	2.42	3.33	4.56	3.32	2.57	2.46	1.54	1.57	1.50	3.60	1.96	1.94	1.08	0.56	0.72	1.57	1.46	
ADK_NYS___DAM 23527																									
	43.38	35.71	29.57	30.43	30.16	32.75	31.89	33.90	45.20	60.97	44.56	39.39	41.10	34.53	35.52	32.68	100.88	46.15	40.89	54.49	40.82	42.91	33.08	33.44	
	2.14	1.89	1.64	1.74	1.76	1.89	1.71	1.95	2.61	3.63	2.73	2.42	2.51	2.07	2.06	1.90	4.21	2.25	2.23	1.37	0.68	0.90	1.96	1.95	
AIR_PRODUCTS___DRP 24190																									
	41.45	34.10	28.25	29.07	28.80	31.20	30.51	32.42	43.07	58.07	42.42	37.48	39.13	32.93	33.87	31.33	97.81	44.49	39.25	53.51	40.34	42.26	31.61	31.90	
	0.22	0.28	0.33	0.39	0.40	0.35	0.33	0.47	0.48	0.73	0.58	0.51	0.54	0.48	0.42	0.54	1.11	0.59	0.58	0.35	0.17	0.22	0.49	0.40	
AKWESSNE_115KV_BK 355683																									
	41.59	34.27	27.99	27.82	27.04	29.46	29.15	30.30	40.48	55.38	40.16	35.27	36.43	30.34	31.35	26.09	64.63	37.65	34.63	19.19	10.41	13.18	28.99	6.33	
	0.35	0.45	0.06	-0.87	-1.36	-1.39	-1.03	-1.66	-2.11	-1.96	-1.68	-1.70	-2.16	-2.12	-2.10	-2.63	-5.14	-3.70	-2.97	-1.65	-0.63	-0.87	-2.13	-2.20	
ALBANY_1_SOLAR 323833																									
	42.31	34.76	28.77	29.61	29.32	31.81	31.11	33.03	43.92	59.20	43.11	37.93	39.62	33.25	34.21	31.78	98.68	45.09	39.88	53.47	40.14	42.13	32.13	32.48	
	1.07	0.94	0.84	0.92	0.93	0.96	0.93	1.08	1.33	1.86	1.27	0.96	1.03	0.79	0.76	1.00	2.35	1.23	1.24	0.73	0.37	0.46	1.02	0.99	
ALBANY_2_SOLAR 323834																									
	42.30	34.75	28.76	29.59	29.32	31.80	31.10	33.02	43.92	59.19	43.10	37.92	39.61	33.24	34.21	31.78	98.68	45.08	39.87	53.46	40.14	42.12	32.13	32.46	
	1.06	0.93	0.83	0.91	0.92	0.95	0.93	1.07	1.33	1.85	1.27	0.95	1.03	0.78	0.76	1.00	2.34	1.21	1.23	0.72	0.36	0.46	1.01	0.97	
ALBANY___1 23571																									
	41.45	34.10	28.25	29.07	28.80	31.20	30.51	32.42	43.07	58.07	42.42	37.48	39.13	32.93	33.87	31.33	97.81	44.49	39.25	53.51	40.34	42.26	31.61	31.90	
	0.22	0.28	0.33	0.39	0.40	0.35	0.33	0.47	0.48	0.73	0.58	0.51	0.54	0.48	0.42	0.54	1.11	0.59	0.58	0.35	0.17	0.22	0.49	0.40	

ALBANY___2 23572	41.45 0.22 0.00	34.10 0.28 0.00	28.25 0.33 0.00	29.07 0.39 0.00	28.80 0.40 0.00	31.20 0.35 0.00	30.51 0.33 0.00	32.42 0.47 0.00	43.07 0.48 0.00	58.07 0.73 0.00	42.42 0.58 0.00	37.48 0.51 0.00	39.13 0.54 0.00	32.93 0.48 0.00	33.87 0.42 0.00	31.33 0.54 0.00	97.81 1.11 -27.43	44.49 0.59 -2.60	39.25 0.58 -1.08	53.51 0.35 -32.45	40.34 0.17 -29.65	42.26 0.22 -28.48	31.61 0.49 -0.01	31.90 0.40 0.00
ALBANY___3 23573	41.45 0.22 0.00	34.10 0.28 0.00	28.25 0.33 0.00	29.07 0.39 0.00	28.80 0.40 0.00	31.20 0.35 0.00	30.51 0.33 0.00	32.42 0.47 0.00	43.07 0.48 0.00	58.07 0.73 0.00	42.42 0.58 0.00	37.48 0.51 0.00	39.13 0.54 0.00	32.93 0.48 0.00	33.87 0.42 0.00	31.33 0.54 0.00	97.81 1.11 -27.43	44.49 0.59 -2.60	39.25 0.58 -1.08	53.51 0.35 -32.45	40.34 0.17 -29.65	42.26 0.22 -28.48	31.61 0.49 -0.01	31.90 0.40 0.00
ALBANY___4 23574	41.45 0.22 0.00	34.10 0.28 0.00	28.25 0.33 0.00	29.07 0.39 0.00	28.80 0.40 0.00	31.20 0.35 0.00	30.51 0.33 0.00	32.42 0.47 0.00	43.07 0.48 0.00	58.07 0.73 0.00	42.42 0.58 0.00	37.48 0.51 0.00	39.13 0.54 0.00	32.93 0.48 0.00	33.87 0.42 0.00	31.33 0.54 0.00	97.81 1.11 -27.43	44.49 0.59 -2.60	39.25 0.58 -1.08	53.51 0.35 -32.45	40.34 0.17 -29.65	42.26 0.22 -28.48	31.61 0.49 -0.01	31.90 0.40 0.00
ALBANY___LFGE 323615	41.89 0.65 0.00	34.46 0.64 0.00	28.52 0.59 0.00	29.34 0.66 0.00	29.08 0.68 0.00	31.51 0.66 0.00	30.81 0.63 0.00	32.73 0.78 0.00	43.52 0.93 0.00	58.70 1.36 0.00	42.87 1.03 0.00	37.87 0.90 0.00	39.53 0.94 0.00	33.27 0.81 0.00	34.22 0.77 0.00	31.64 0.86 0.00	98.76 1.86 -27.63	44.95 1.03 -2.62	39.66 0.99 -1.09	53.97 0.57 -32.69	40.67 0.29 -29.87	42.61 0.37 -28.69	31.92 0.81 -0.01	32.22 0.73 0.00
ALCOA_PA_115KV_PL-6C 55860	41.77 0.54 0.00	34.42 0.60 0.00	28.11 0.18 0.00	27.93 -0.76 0.00	27.17 -1.23 0.00	29.61 -1.24 0.00	29.28 -0.90 0.00	30.45 -1.51 0.00	40.68 -1.90 0.00	55.66 -1.68 0.00	40.35 -1.49 0.00	35.42 -1.55 0.00	36.59 -2.00 0.00	30.49 -1.96 0.00	31.52 -1.93 0.00	26.30 -2.48 2.00	65.00 -4.79 -0.51	37.86 -3.49 -0.05	34.82 -2.78 -0.02	19.33 -1.56 -0.18	10.47 -0.58 -0.55	13.26 -0.82 -0.53	29.11 -2.01 0.00	7.16 -2.09 22.24
ALCOA_RYNLDS___DRP 24188	41.77 0.54 0.00	34.42 0.60 0.00	28.11 0.18 0.00	27.93 -0.76 0.00	27.17 -1.23 0.00	29.61 -1.24 0.00	29.28 -0.90 0.00	30.45 -1.51 0.00	40.68 -1.90 0.00	55.66 -1.68 0.00	40.35 -1.49 0.00	35.42 -1.55 0.00	36.59 -2.00 0.00	30.49 -1.96 0.00	31.52 -1.93 0.00	26.30 -2.48 2.00	65.00 -4.79 -0.51	37.86 -3.49 -0.05	34.82 -2.78 -0.02	19.33 -1.56 -0.18	10.47 -0.58 -0.55	13.26 -0.82 -0.53	29.11 -2.01 0.00	7.16 -2.09 22.24
ALCOA___DSASP 323711	41.77 0.54 0.00	34.42 0.60 0.00	28.11 0.19 0.00	27.93 -0.76 0.00	27.17 -1.23 0.00	29.61 -1.24 0.00	29.28 -0.90 0.00	30.45 -1.51 0.00	40.69 -1.90 0.00	55.66 -1.68 0.00	40.35 -1.49 0.00	35.42 -1.55 0.00	36.59 -2.00 0.00	30.50 -1.96 0.00	31.52 -1.93 0.00	26.30 -2.49 2.00	65.00 -4.79 -0.51	37.90 -3.46 -0.05	34.83 -2.76 -0.02	19.33 -1.55 -0.18	10.48 -0.58 -0.55	13.26 -0.82 -0.53	29.13 -1.98 0.00	7.16 -2.09 22.24
ALLEGHENY___COGEN 23514	42.01 0.78 0.00	34.15 0.34 0.00	28.20 0.27 0.00	29.04 0.35 0.00	28.82 0.43 0.00	31.36 0.51 0.00	30.56 0.38 0.00	32.11 0.16 0.00	42.96 0.37 0.00	57.00 -0.34 0.00	41.01 -0.83 0.00	35.97 -1.00 0.00	37.84 -0.75 0.00	32.16 -0.29 0.00	33.02 -0.43 0.00	30.31 -0.48 0.00	75.86 -1.38 -7.96	44.54 -0.31 -3.55	39.74 -0.44 -2.61	30.18 -0.24 -9.71	12.79 -0.15 -2.43	15.56 -0.25 -2.26	29.28 -0.49 1.34	31.13 -0.36 0.00
ALTAMONT_115KV_TB 2 55880	42.03 0.80 0.00	34.54 0.72 0.00	28.54 0.61 0.00	29.36 0.67 0.00	29.08 0.68 0.00	31.57 0.71 0.00	30.88 0.70 0.00	32.77 0.82 0.00	43.62 1.04 0.00	58.76 1.42 0.00	42.91 1.07 0.00	37.92 0.94 0.00	39.58 1.00 0.00	33.27 0.81 0.00	34.26 0.80 0.00	31.61 0.83 0.00	98.56 1.89 -27.39	44.99 1.09 -2.60	39.69 1.04 -1.08	53.70 0.59 -32.41	40.42 0.29 -29.62	42.38 0.38 -28.45	31.96 0.84 -0.01	32.28 0.79 0.00
ALTONA_WT_PWR 323606	42.17 0.94 0.00	34.78 0.96 0.00	28.33 0.40 0.00	28.11 -0.58 0.00	27.21 -1.18 0.00	29.65 -1.21 0.00	29.39 -0.79 0.00	30.53 -1.42 0.00	40.72 -1.86 0.00	55.83 -1.51 0.00	40.67 -1.17 0.00	35.57 -1.40 0.00	36.40 -2.19 0.00	30.24 -2.22 0.00	31.26 -2.19 0.00	25.79 -2.92 2.07	63.60 -6.16 -0.48	36.80 -4.55 -0.05	33.94 -3.65 -0.02	18.87 -1.96 -0.13	10.25 -0.78 -0.52	13.01 -1.04 -0.50	28.59 -2.53 0.00	5.64 -2.79 23.07
AMERICAN_REF_FUEL 24010	39.12 -2.12 0.00	31.89 -1.91 0.03	26.34 -1.58 0.01	27.10 -1.59 0.00	26.94 -1.46 0.00	29.32 -1.53 0.00	28.53 -1.65 0.00	29.43 -2.52 0.00	39.38 -3.21 0.00	52.96 -4.39 0.00	38.16 -3.67 0.00	33.67 -3.30 0.00	35.06 -3.53 0.00	29.70 -2.76 0.00	30.78 -2.68 0.00	27.98 -2.80 0.00	64.56 -7.47 -2.75	36.92 -3.91 0.47	30.64 -3.62 3.32	16.77 -1.87 2.07	12.22 -0.95 -2.66	14.13 -1.22 -1.79	27.57 -2.72 0.82	29.02 -2.47 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.09 -0.15 0.00	33.41 -0.39 0.03	27.65 -0.26 0.01	28.53 -0.16 0.00	28.25 -0.14 0.00	30.79 -0.06 0.00	30.06 -0.12 0.00	31.08 -0.87 0.00	41.64 -0.95 0.00	55.41 -1.94 0.00	32.40 -1.92 7.52	35.21 -1.76 0.00	-20.16 -2.27 56.48	30.46 -2.00 0.00	31.52 -1.93 0.00	28.66 -2.12 0.00	66.55 -5.87 -3.14	37.88 -2.97 0.45	30.94 -2.84 3.80	16.54 -1.66 2.50	12.51 -0.81 -2.80	14.32 -1.02 -1.79	27.94 -2.16 1.01	29.60 -1.89 0.00
ARTHUR KILL_GT_1 23520	43.64 2.40 0.00	35.80 1.98 0.00	29.43 1.50 0.00	30.24 1.55 0.00	30.04 1.65 0.00	32.64 1.79 0.00	32.03 1.86 0.00	34.02 2.07 0.00	45.24 2.65 0.00	60.78 3.44 0.00	44.48 2.64 0.00	39.35 2.38 0.00	41.26 2.68 0.00	34.72 2.26 0.00	35.73 2.28 0.00	32.88 2.10 0.00	98.65 5.08 -24.29	46.72 3.11 -2.31	41.31 2.77 -0.96	51.06 1.53 -28.82	37.61 0.77 -26.34	39.83 0.98 -25.30	33.33 2.22 0.00	33.62 2.13 0.00
ARTHUR_KILL_2 23512	43.52 2.28 0.00	35.70 1.88 0.00	29.34 1.41 0.00	30.15 1.47 0.00	29.96 1.57 0.00	32.55 1.70 0.00	31.94 1.76 0.00	33.93 1.97 0.00	45.11 2.52 0.00	60.61 3.27 0.00	44.36 2.52 0.00	39.25 2.28 0.00	41.16 2.57 0.00	34.64 2.18 0.00	35.65 2.19 0.00	32.79 2.01 0.00	98.39 4.83 -24.29	46.58 2.98 -2.31	41.18 2.64 -0.96	50.99 1.46 -28.82	37.58 0.73 -26.34	39.79 0.94 -25.30	33.24 2.12 0.00	33.53 2.04 0.00
ARTHUR_KILL_3 23513	43.65 2.42 0.00	35.81 1.99 0.00	29.45 1.52 0.00	30.24 1.55 0.00	30.05 1.66 0.00	32.65 1.79 0.00	32.01 1.83 0.00	34.01 2.05 0.00	45.23 2.64 0.00	60.78 3.43 0.00	44.53 2.69 0.00	39.45 2.48 0.00	41.32 2.73 0.00	34.80 2.35 0.00	35.82 2.37 0.00	32.93 2.15 0.00	98.59 5.03 -24.29	46.72 3.11 -2.31	41.33 2.79 -0.96	51.05 1.52 -28.82	37.60 0.75 -26.34	39.83 0.98 -25.30	33.36 2.24 0.00	33.64 2.15 0.00

ARTHUR_KILL_COGEN 323718	43.64 2.40 0.00	35.80 1.98 0.00	29.43 1.50 0.00	30.24 1.55 0.00	30.04 1.65 0.00	32.64 1.79 0.00	32.03 1.86 0.00	34.02 2.07 0.00	45.24 2.65 0.00	60.78 3.44 0.00	44.48 2.64 0.00	39.35 2.38 0.00	41.26 2.68 0.00	34.72 2.26 0.00	35.73 2.28 0.00	32.88 2.10 0.00	98.65 5.08 -24.29	46.72 3.11 -2.31	41.31 2.77 -0.96	51.06 1.53 -28.82	37.61 0.77 -26.34	39.83 0.98 -25.30	33.33 2.22 0.00	33.62 2.13 0.00
ASHOKAN____ 23654	43.18 1.94 0.00	35.44 1.62 0.00	29.26 1.33 0.00	30.08 1.40 0.00	29.83 1.43 0.00	32.40 1.55 0.00	31.78 1.60 0.00	33.81 1.86 0.00	45.03 2.44 0.00	60.85 3.51 0.00	44.46 2.62 0.00	39.06 2.09 0.00	40.44 1.85 0.00	34.32 1.86 0.00	35.28 1.83 0.00	32.67 1.88 0.00	99.00 4.06 -25.66	46.09 2.36 -2.44	40.95 2.36 -1.01	52.47 1.30 -30.47	38.98 0.63 -27.85	41.10 0.80 -26.75	32.97 1.85 0.00	33.25 1.76 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.46 2.23 0.00	35.59 1.78 0.00	29.33 1.40 0.00	30.21 1.52 0.00	29.98 1.59 0.00	32.49 1.64 0.00	31.92 1.75 0.00	33.87 1.91 0.00	45.08 2.50 0.00	60.69 3.35 0.00	44.45 2.62 0.00	39.38 2.41 0.00	41.29 2.70 0.00	34.76 2.30 0.00	35.75 2.29 0.00	32.84 2.05 0.00	99.10 4.83 -24.99	46.66 3.05 -2.31	41.21 2.68 -0.96	51.00 1.47 -28.82	37.62 0.77 -26.34	39.84 0.99 -25.30	33.36 2.24 0.00	33.61 2.12 0.00
ASTORIA_EAST_ENERGY_CC2 323582	43.46 2.23 0.00	35.59 1.78 0.00	29.34 1.41 0.00	30.21 1.52 0.00	29.98 1.59 0.00	32.49 1.64 0.00	31.92 1.75 0.00	33.87 1.91 0.00	45.08 2.50 0.00	60.70 3.36 0.00	44.45 2.62 0.00	39.38 2.41 0.00	41.29 2.70 0.00	34.77 2.31 0.00	35.75 2.30 0.00	32.84 2.05 0.00	99.10 4.83 -24.99	46.66 3.05 -2.31	41.21 2.68 -0.96	51.00 1.47 -28.82	37.62 0.78 -26.34	39.85 1.00 -25.30	33.38 2.26 0.00	33.62 2.13 0.00
ASTORIA_GT2_1 24094	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT2_2 24095	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT2_3 24096	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT2_4 24097	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT3_1 24098	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT3_2 24099	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT3_3 24100	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT3_4 24101	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT4_1 24102	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT4_2 24103	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT4_3 24104	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00

ASTORIA_GT4_4 24105	43.47 2.24 0.00	35.61 1.79 0.00	29.35 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.76 2.31 0.00	32.85 2.07 0.00	99.15 4.89 -24.99	46.69 3.08 -2.31	41.24 2.71 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.84 0.99 -25.30	33.38 2.26 0.00	33.63 2.14 0.00
ASTORIA_GT_1 23523	43.55 2.31 0.00	35.67 1.85 0.00	29.39 1.46 0.00	30.26 1.58 0.00	30.03 1.64 0.00	32.56 1.71 0.00	31.98 1.81 0.00	33.93 1.98 0.00	45.19 2.60 0.00	60.84 3.50 0.00	44.56 2.73 0.00	39.47 2.50 0.00	41.37 2.78 0.00	34.84 2.38 0.00	35.83 2.37 0.00	32.91 2.13 0.00	99.29 5.02 -24.99	46.76 3.15 -2.31	41.31 2.78 -0.96	51.05 1.52 -28.82	37.65 0.80 -26.34	39.87 1.02 -25.30	33.43 2.32 0.00	33.68 2.19 0.00
ASTORIA_GT_10 24110	43.74 2.50 0.00	35.88 2.06 0.00	29.52 1.59 0.00	30.33 1.64 0.00	30.13 1.74 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.07 2.12 0.00	45.34 2.75 0.00	60.99 3.65 0.00	44.67 2.83 0.00	39.59 2.62 0.00	41.47 2.88 0.00	34.91 2.45 0.00	35.93 2.47 0.00	33.03 2.24 0.00	98.82 5.26 -24.29	46.85 3.24 -2.31	41.43 2.89 -0.96	51.12 1.59 -28.82	37.64 0.80 -26.34	39.87 1.02 -25.30	33.46 2.35 0.00	33.73 2.24 0.00
ASTORIA_GT_11 24225	43.74 2.50 0.00	35.88 2.06 0.00	29.52 1.59 0.00	30.33 1.64 0.00	30.13 1.74 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.07 2.12 0.00	45.34 2.75 0.00	60.99 3.65 0.00	44.67 2.83 0.00	39.59 2.62 0.00	41.47 2.88 0.00	34.91 2.45 0.00	35.93 2.47 0.00	33.03 2.24 0.00	98.82 5.26 -24.29	46.85 3.24 -2.31	41.43 2.89 -0.96	51.12 1.59 -28.82	37.64 0.80 -26.34	39.87 1.02 -25.30	33.46 2.35 0.00	33.73 2.24 0.00
ASTORIA_GT_12 24226	43.74 2.50 0.00	35.88 2.06 0.00	29.52 1.59 0.00	30.33 1.64 0.00	30.13 1.74 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.07 2.12 0.00	45.34 2.75 0.00	60.99 3.65 0.00	44.67 2.83 0.00	39.59 2.62 0.00	41.47 2.88 0.00	34.91 2.45 0.00	35.93 2.47 0.00	33.03 2.24 0.00	98.82 5.26 -24.29	46.85 3.24 -2.31	41.43 2.89 -0.96	51.12 1.59 -28.82	37.64 0.80 -26.34	39.87 1.02 -25.30	33.46 2.35 0.00	33.73 2.24 0.00
ASTORIA_GT_13 24227	43.74 2.50 0.00	35.88 2.06 0.00	29.52 1.59 0.00	30.33 1.64 0.00	30.13 1.74 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.07 2.12 0.00	45.34 2.75 0.00	60.99 3.65 0.00	44.67 2.83 0.00	39.59 2.62 0.00	41.47 2.88 0.00	34.91 2.45 0.00	35.93 2.47 0.00	33.03 2.24 0.00	98.82 5.26 -24.29	46.85 3.24 -2.31	41.43 2.89 -0.96	51.12 1.59 -28.82	37.64 0.80 -26.34	39.87 1.02 -25.30	33.46 2.35 0.00	33.73 2.24 0.00
ASTORIA_GT_5 24106	43.55 2.31 0.00	35.67 1.85 0.00	29.39 1.46 0.00	30.26 1.58 0.00	30.04 1.64 0.00	32.55 1.70 0.00	31.98 1.81 0.00	33.93 1.98 0.00	45.19 2.60 0.00	60.84 3.50 0.00	44.56 2.73 0.00	39.47 2.50 0.00	41.38 2.79 0.00	34.83 2.37 0.00	35.83 2.37 0.00	32.91 2.13 0.00	99.29 5.02 -24.99	46.77 3.16 -2.31	41.31 2.78 -0.96	51.05 1.52 -28.82	37.65 0.80 -26.34	39.87 1.02 -25.30	33.43 2.32 0.00	33.68 2.20 0.00
ASTORIA_GT_7 24107	43.55 2.31 0.00	35.67 1.85 0.00	29.39 1.46 0.00	30.26 1.58 0.00	30.04 1.64 0.00	32.55 1.70 0.00	31.98 1.81 0.00	33.93 1.98 0.00	45.19 2.60 0.00	60.84 3.50 0.00	44.56 2.73 0.00	39.47 2.50 0.00	41.38 2.79 0.00	34.83 2.37 0.00	35.83 2.37 0.00	32.91 2.13 0.00	99.29 5.02 -24.99	46.77 3.16 -2.31	41.31 2.78 -0.96	51.05 1.52 -28.82	37.65 0.80 -26.34	39.87 1.02 -25.30	33.43 2.32 0.00	33.68 2.20 0.00
ASTORIA_GT_8 24108	43.55 2.31 0.00	35.67 1.85 0.00	29.39 1.46 0.00	30.26 1.58 0.00	30.04 1.64 0.00	32.55 1.70 0.00	31.98 1.81 0.00	33.93 1.98 0.00	45.19 2.60 0.00	60.84 3.50 0.00	44.56 2.73 0.00	39.47 2.50 0.00	41.38 2.79 0.00	34.83 2.37 0.00	35.83 2.37 0.00	32.91 2.13 0.00	99.29 5.02 -24.99	46.77 3.16 -2.31	41.31 2.78 -0.96	51.05 1.52 -28.82	37.65 0.80 -26.34	39.87 1.02 -25.30	33.43 2.32 0.00	33.68 2.20 0.00
ASTORIA___2 24149	43.47 2.23 0.00	35.61 1.79 0.00	29.34 1.42 0.00	30.21 1.52 0.00	30.00 1.60 0.00	32.51 1.66 0.00	31.94 1.76 0.00	33.89 1.93 0.00	45.12 2.53 0.00	60.73 3.39 0.00	44.48 2.64 0.00	39.40 2.43 0.00	41.30 2.71 0.00	34.78 2.32 0.00	35.76 2.31 0.00	32.85 2.06 0.00	99.16 4.89 -24.99	46.68 3.07 -2.31	41.24 2.70 -0.96	51.01 1.48 -28.82	37.63 0.78 -26.34	39.85 1.00 -25.30	33.38 2.26 0.00	33.62 2.13 0.00
ASTORIA___3 23516	43.74 2.50 0.00	35.88 2.05 0.00	29.52 1.59 0.00	30.33 1.64 0.00	30.13 1.74 0.00	32.72 1.86 0.00	32.08 1.90 0.00	34.07 2.12 0.00	45.34 2.75 0.00	60.99 3.65 0.00	44.67 2.83 0.00	39.58 2.62 0.00	41.47 2.88 0.00	34.92 2.46 0.00	35.92 2.47 0.00	33.03 2.24 0.00	98.79 5.22 -24.29	46.83 3.22 -2.31	41.43 2.90 -0.96	51.12 1.59 -28.82	37.64 0.80 -26.34	39.87 1.02 -25.30	33.46 2.34 0.00	33.73 2.24 0.00
ASTORIA___4 23517	43.74 2.50 0.00	35.88 2.06 0.00	29.52 1.59 0.00	30.33 1.64 0.00	30.13 1.74 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.07 2.12 0.00	45.34 2.75 0.00	60.99 3.65 0.00	44.67 2.83 0.00	39.59 2.62 0.00	41.47 2.88 0.00	34.91 2.45 0.00	35.93 2.47 0.00	33.03 2.24 0.00	98.82 5.26 -24.29	46.85 3.24 -2.31	41.43 2.89 -0.96	51.12 1.59 -28.82	37.64 0.80 -26.34	39.87 1.02 -25.30	33.46 2.35 0.00	33.73 2.24 0.00
ASTORIA___5 23518	43.74 2.50 0.00	35.88 2.05 0.00	29.52 1.59 0.00	30.33 1.64 0.00	30.13 1.74 0.00	32.72 1.86 0.00	32.08 1.90 0.00	34.07 2.12 0.00	45.34 2.75 0.00	60.99 3.65 0.00	44.67 2.83 0.00	39.58 2.62 0.00	41.47 2.88 0.00	34.92 2.46 0.00	35.92 2.47 0.00	33.03 2.24 0.00	98.79 5.22 -24.29	46.83 3.22 -2.31	41.43 2.90 -0.96	51.12 1.59 -28.82	37.64 0.80 -26.34	39.87 1.02 -25.30	33.46 2.34 0.00	33.73 2.24 0.00
AST_ENERGY_2_CC3 323677	43.60 2.36 0.00	35.78 1.96 0.00	29.45 1.52 0.00	30.25 1.56 0.00	30.04 1.65 0.00	32.60 1.75 0.00	31.93 1.76 0.00	33.90 1.95 0.00	45.09 2.50 0.00	60.61 3.27 0.00	44.44 2.60 0.00	39.38 2.41 0.00	41.26 2.67 0.00	34.79 2.33 0.00	35.78 2.33 0.00	32.87 2.08 0.00	98.41 4.85 -24.29	46.62 3.01 -2.31	41.23 2.69 -0.96	50.99 1.47 -28.82	37.58 0.74 -26.34	39.82 0.97 -25.30	33.38 2.26 0.00	33.66 2.17 0.00
AST_ENERGY_2_CC4 323678	43.60 2.36 0.00	35.78 1.96 0.00	29.45 1.52 0.00	30.25 1.56 0.00	30.04 1.65 0.00	32.60 1.75 0.00	31.93 1.76 0.00	33.90 1.95 0.00	45.09 2.50 0.00	60.61 3.27 0.00	44.44 2.60 0.00	39.38 2.41 0.00	41.26 2.67 0.00	34.79 2.33 0.00	35.78 2.33 0.00	32.87 2.08 0.00	98.41 4.85 -24.29	46.62 3.01 -2.31	41.23 2.69 -0.96	50.99 1.47 -28.82	37.58 0.74 -26.34	39.82 0.97 -25.30	33.38 2.26 0.00	33.66 2.17 0.00

ATHENS_STG_1 23668	42.33 1.09 0.00	34.76 0.94 0.00	28.69 0.76 0.00	29.51 0.83 0.00	29.25 0.85 0.00	31.77 0.92 0.00	31.10 0.93 0.00	33.02 1.07 0.00	43.95 1.36 0.00	59.16 1.82 0.00	43.26 1.42 0.00	38.27 1.30 0.00	39.98 1.39 0.00	33.63 1.17 0.00	34.63 1.17 0.00	31.90 1.11 0.00	97.16 2.56 -25.32	45.24 1.53 -2.40	39.99 1.41 -1.00	51.48 0.78 -29.99	38.30 0.39 -27.41	40.38 0.50 -26.32	32.25 1.14 0.00	32.56 1.08 0.00
ATHENS_STG_2 23670	42.33 1.09 0.00	34.76 0.94 0.00	28.69 0.76 0.00	29.51 0.83 0.00	29.25 0.85 0.00	31.77 0.92 0.00	31.10 0.93 0.00	33.02 1.07 0.00	43.95 1.36 0.00	59.16 1.82 0.00	43.26 1.42 0.00	38.27 1.30 0.00	39.98 1.39 0.00	33.63 1.17 0.00	34.63 1.17 0.00	31.90 1.11 0.00	97.16 2.56 -25.32	45.24 1.53 -2.40	39.99 1.41 -1.00	51.48 0.78 -29.99	38.30 0.39 -27.41	40.38 0.50 -26.32	32.25 1.14 0.00	32.56 1.08 0.00
ATHENS_STG_3 23677	42.33 1.09 0.00	34.76 0.94 0.00	28.69 0.76 0.00	29.51 0.83 0.00	29.25 0.85 0.00	31.77 0.92 0.00	31.10 0.93 0.00	33.02 1.07 0.00	43.95 1.36 0.00	59.16 1.82 0.00	43.26 1.42 0.00	38.27 1.30 0.00	39.98 1.39 0.00	33.63 1.17 0.00	34.63 1.17 0.00	31.90 1.11 0.00	97.16 2.56 -25.32	45.24 1.53 -2.40	39.99 1.41 -1.00	51.48 0.78 -29.99	38.30 0.39 -27.41	40.38 0.50 -26.32	32.25 1.14 0.00	32.56 1.08 0.00
AUBURN___LFGE 323710	41.52 0.28 0.00	33.92 0.11 0.00	27.93 0.00 0.00	28.71 0.03 0.00	28.46 0.07 0.00	31.07 0.22 0.00	30.36 0.18 0.00	32.17 0.22 0.00	42.79 0.20 0.00	57.51 0.16 0.00	41.93 0.09 0.00	37.06 0.09 0.00	38.75 0.16 0.00	32.67 0.21 0.00	33.70 0.24 0.00	30.98 0.20 0.00	72.75 0.33 -3.14	41.96 0.36 -0.30	38.46 0.09 -0.79	25.68 0.02 -4.95	14.40 0.04 -3.85	17.47 0.04 -3.88	31.51 0.12 -0.27	31.54 0.05 0.00
BABYLON_RES_REC 323704	43.99 2.75 0.00	36.13 2.31 0.00	29.60 1.67 0.00	30.60 1.91 0.00	30.27 1.88 0.00	32.93 2.08 0.00	32.30 2.12 0.00	34.36 2.41 0.00	45.65 3.06 0.00	61.47 4.13 0.00	45.18 3.35 0.00	44.64 3.09 -4.58	48.44 3.31 -6.53	35.17 2.72 0.00	36.31 2.85 0.00	33.20 2.42 0.00	102.84 5.61 -27.95	56.22 3.57 -11.34	41.75 3.21 -0.96	51.31 1.78 -28.82	37.75 0.90 -26.34	40.00 1.15 -25.30	33.84 2.72 0.00	33.99 2.50 0.00
BABYLON__69_KV_BK2 356345	44.40 3.17 0.00	36.47 2.65 0.00	29.87 1.94 0.00	30.89 2.20 0.00	30.55 2.15 0.00	33.23 2.38 0.00	32.60 2.43 0.00	34.69 2.73 0.00	46.08 3.49 0.00	62.09 4.75 0.00	45.65 3.81 0.00	44.97 3.52 -4.48	48.75 3.76 -6.40	35.54 3.08 0.00	36.69 3.24 0.00	33.52 2.74 0.00	103.63 6.56 -27.80	56.59 4.13 -11.15	42.18 3.64 -0.96	51.54 2.01 -28.82	37.87 1.02 -26.34	40.15 1.29 -25.30	34.18 3.06 0.00	34.32 2.83 0.00
BALL_HILL_WT_PWR 323825	40.60 -0.63 0.00	33.00 -0.79 0.03	27.31 -0.61 0.01	28.14 -0.55 0.00	27.95 -0.45 0.00	30.40 -0.45 0.00	29.53 -0.65 0.00	30.59 -1.36 0.00	40.97 -1.62 0.00	54.87 -2.48 0.00	37.88 -2.29 1.67	35.00 -1.97 0.00	23.72 -2.29 12.58	30.71 -1.74 0.00	31.79 -1.66 0.00	28.87 -1.91 0.00	66.59 -5.38 -2.69	37.91 -2.67 0.72	30.83 -2.63 4.12	16.00 -1.44 3.27	12.54 -0.72 -2.75	14.34 -0.93 -1.72	28.20 -1.96 0.95	29.76 -1.73 0.00
BARON_WINDS___WT_PWR 323822	40.59 -0.64 0.00	32.88 -0.96 -0.01	27.19 -0.74 0.00	28.07 -0.62 0.00	27.82 -0.58 0.00	30.19 -0.67 0.00	29.20 -0.97 0.00	30.88 -1.07 0.00	41.39 -1.20 0.00	54.82 -2.52 0.00	39.63 -2.21 0.00	35.03 -1.94 0.00	36.86 -1.73 0.00	31.23 -1.23 0.00	32.10 -1.35 0.00	29.17 -1.61 0.00	63.92 -4.51 0.84	34.05 -2.40 4.85	21.39 -2.49 13.71	-0.17 -1.36 19.52	12.84 -0.75 -3.08	12.94 -0.98 -0.37	27.25 -2.11 1.76	29.56 -1.93 0.00
BARRETT_IC_1 23704	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	106.13 4.45 -32.40	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT_IC_10 23701	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	60.27 4.45 13.46	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT_IC_11 23702	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	60.27 4.45 13.46	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT_IC_12 23703	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	60.27 4.45 13.46	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT_IC_2 23705	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	106.13 4.45 -32.40	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT_IC_3 23706	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	106.13 4.45 -32.40	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT_IC_4 23707	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	106.13 4.45 -32.40	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00

BARRETT_IC_5 23708	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	106.13 4.45 -32.40	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT_IC_6 23709	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	106.13 4.45 -32.40	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT_IC_7 23710	43.54 2.31 0.00	35.77 1.95 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.97 1.57 0.00	32.56 1.70 0.00	31.92 1.75 0.00	33.94 1.99 0.00	45.12 2.53 0.00	60.75 3.41 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.89 2.10 0.00	106.28 4.60 -32.40	54.80 2.87 -10.63	41.19 2.65 -0.96	51.01 1.48 -28.82	37.60 0.76 -26.34	39.82 0.97 -25.30	33.40 2.28 0.00	33.60 2.11 0.00
BARRETT_IC_8 23711	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	106.13 4.45 -32.40	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT_IC_9 23700	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	60.27 4.45 13.46	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT___1 23545	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	106.13 4.45 -32.40	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BARRETT___2 23546	43.54 2.31 0.00	35.76 1.94 0.00	29.35 1.42 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.56 1.70 0.00	31.93 1.75 0.00	33.94 1.99 0.00	45.12 2.54 0.00	60.75 3.40 0.00	44.70 2.86 0.00	43.84 2.65 -4.22	47.44 2.83 -6.02	34.84 2.38 0.00	35.94 2.49 0.00	32.88 2.10 0.00	60.27 4.45 13.46	54.75 2.81 -10.63	41.19 2.66 -0.96	51.01 1.48 -28.82	37.61 0.76 -26.34	39.82 0.97 -25.30	33.40 2.29 0.00	33.60 2.11 0.00
BATAVIA__115KV_TB1 55881	40.78 -0.46 0.00	33.22 -0.60 0.00	27.43 -0.50 0.00	28.21 -0.47 0.00	28.06 -0.34 0.00	30.56 -0.29 0.00	29.78 -0.39 0.00	30.94 -1.01 0.00	41.42 -1.17 0.00	55.70 -1.64 0.00	40.24 -1.60 0.00	35.54 -1.43 0.00	37.01 -1.58 0.00	31.40 -1.06 0.00	32.51 -0.94 0.00	29.62 -1.17 0.00	68.71 -3.33 -2.76	39.51 -1.55 0.25	33.47 -1.49 2.62	18.86 -0.77 1.07	12.65 -0.39 -2.54	14.81 -0.55 -1.81	29.25 -1.16 0.71	30.49 -1.00 0.00
BAYONEEC___CTG1 323682	43.70 2.46 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.29 2.71 0.00	60.88 3.54 0.00	44.61 2.77 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.77 3.17 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.22 0.00
BAYONEEC___CTG10 323750	43.70 2.46 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.29 2.71 0.00	60.88 3.54 0.00	44.61 2.77 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.77 3.17 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.22 0.00
BAYONEEC___CTG2 323683	43.70 2.46 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.29 2.71 0.00	60.88 3.54 0.00	44.61 2.77 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.77 3.17 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.22 0.00
BAYONEEC___CTG3 323684	43.70 2.46 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.29 2.71 0.00	60.88 3.54 0.00	44.61 2.77 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.77 3.17 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.22 0.00
BAYONEEC___CTG4 323685	43.70 2.46 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.29 2.71 0.00	60.88 3.54 0.00	44.61 2.77 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.77 3.17 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.22 0.00
BAYONEEC___CTG5 323686	43.70 2.46 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.29 2.71 0.00	60.88 3.54 0.00	44.61 2.77 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.77 3.17 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.22 0.00
BAYONEEC___CTG6 323687	43.70 2.46 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.29 2.71 0.00	60.88 3.54 0.00	44.61 2.77 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.77 3.17 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.22 0.00

BAYONEEC___CTG7 323688	43.70 2.46 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.29 2.71 0.00	60.88 3.54 0.00	44.61 2.77 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.77 3.17 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.22 0.00
BAYONEEC___CTG8 323689	43.70 2.46 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.29 2.71 0.00	60.88 3.54 0.00	44.61 2.77 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.77 3.17 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.22 0.00
BAYONEEC___CTG9 323749	43.70 2.46 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.29 2.71 0.00	60.88 3.54 0.00	44.61 2.77 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.77 3.17 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.22 0.00
BEACON___LESR 323632	42.19 0.95 0.00	34.63 0.81 0.00	28.66 0.73 0.00	29.47 0.78 0.00	29.19 0.80 0.00	31.75 0.90 0.00	30.99 0.81 0.00	33.03 1.08 0.00	43.87 1.28 0.00	59.22 1.88 0.00	43.20 1.36 0.00	38.15 1.19 0.00	39.80 1.22 0.00	33.53 1.07 0.00	34.46 1.01 0.00	31.91 1.13 0.00	99.30 2.61 -27.41	45.37 1.47 -2.60	40.05 1.40 -1.08	53.95 0.80 -32.44	40.53 0.38 -29.64	42.51 0.48 -28.47	32.17 1.05 -0.01	32.45 0.96 0.00
BEAVER RIVER___HYD 24048	41.34 0.11 0.00	34.02 0.20 0.00	27.97 0.04 0.00	28.03 -0.66 0.00	27.57 -0.83 0.00	30.36 -0.49 0.00	29.46 -0.72 0.00	31.15 -0.80 0.00	41.68 -0.91 0.00	56.40 -0.94 0.00	40.87 -0.96 0.00	35.95 -1.02 0.00	37.61 -0.98 0.00	31.56 -0.90 0.00	32.59 -0.87 0.00	29.17 -1.00 0.61	68.74 -1.63 -1.09	40.31 -1.09 -1.16	36.46 -1.16 -0.04	20.89 -0.97 -1.15	11.13 -0.55 -1.17	13.96 -0.72 -1.12	29.23 -1.89 0.00	22.60 -2.06 6.83
BEEBEE_GT_13 23619	40.33 -0.91 0.00	32.91 -0.91 0.00	27.17 -0.76 0.00	27.94 -0.75 0.00	27.74 -0.66 0.00	30.20 -0.65 0.00	29.46 -0.71 0.00	30.83 -1.13 0.00	41.24 -1.35 0.00	55.55 -1.79 0.00	40.31 -1.52 0.00	35.64 -1.33 0.00	37.20 -1.39 0.00	31.41 -1.05 0.00	32.50 -0.96 0.00	29.71 -1.08 0.00	69.20 -2.91 -2.83	40.00 -1.46 -0.15	34.73 -1.44 1.41	20.61 -0.79 -0.69	12.48 -0.38 -2.35	14.88 -0.53 -1.87	29.46 -1.12 0.53	30.49 -1.00 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.04 2.80 0.00	36.11 2.29 0.00	29.68 1.76 0.00	30.50 1.81 0.00	30.29 1.90 0.00	32.90 2.05 0.00	32.29 2.11 0.00	34.30 2.35 0.00	45.65 3.06 0.00	61.40 4.06 0.00	44.96 3.12 0.00	39.82 2.85 0.00	41.75 3.16 0.00	35.13 2.67 0.00	36.15 2.70 0.00	33.25 2.46 0.00	99.41 5.84 -24.29	47.20 3.59 -2.31	41.74 3.20 -0.96	51.29 1.76 -28.82	37.73 0.88 -26.34	39.98 1.13 -25.30	33.67 2.55 0.00	33.94 2.45 0.00
BETHLEHEM___GRP 23843	41.45 0.22 0.00	34.10 0.28 0.00	28.25 0.33 0.00	29.07 0.39 0.00	28.80 0.40 0.00	31.20 0.35 0.00	30.51 0.33 0.00	32.42 0.47 0.00	43.07 0.48 0.00	58.07 0.73 0.00	42.42 0.58 0.00	37.48 0.51 0.00	39.13 0.54 0.00	32.93 0.48 0.00	33.87 0.42 0.00	31.33 0.54 0.00	97.81 1.11 -27.43	44.49 0.59 -2.60	39.25 0.58 -1.08	53.51 0.35 -32.45	40.34 0.17 -29.65	42.26 0.22 -28.48	31.61 0.49 -0.01	31.90 0.40 0.00
BETHLEHEM___GS1 323560	41.45 0.22 0.00	34.10 0.28 0.00	28.26 0.33 0.00	29.07 0.38 0.00	28.80 0.40 0.00	31.20 0.35 0.00	30.51 0.33 0.00	32.42 0.47 0.00	43.07 0.48 0.00	58.07 0.73 0.00	42.42 0.58 0.00	37.48 0.51 0.00	39.13 0.54 0.00	32.94 0.48 0.00	33.87 0.42 0.00	31.33 0.54 0.00	97.85 1.14 -27.43	44.49 0.59 -2.60	39.24 0.58 -1.08	53.51 0.35 -32.45	40.34 0.17 -29.65	42.26 0.22 -28.48	31.61 0.49 -0.01	31.90 0.40 0.00
BETHLEHEM___GS2 323561	41.45 0.22 0.00	34.10 0.28 0.00	28.26 0.33 0.00	29.07 0.38 0.00	28.80 0.40 0.00	31.20 0.35 0.00	30.51 0.33 0.00	32.42 0.47 0.00	43.07 0.48 0.00	58.07 0.73 0.00	42.42 0.58 0.00	37.48 0.51 0.00	39.13 0.54 0.00	32.94 0.48 0.00	33.87 0.42 0.00	31.33 0.54 0.00	97.85 1.14 -27.43	44.49 0.59 -2.60	39.24 0.58 -1.08	53.51 0.35 -32.45	40.34 0.17 -29.65	42.26 0.22 -28.48	31.61 0.49 -0.01	31.90 0.40 0.00
BETHLEHEM___GS3 323562	41.45 0.22 0.00	34.10 0.28 0.00	28.26 0.33 0.00	29.07 0.38 0.00	28.80 0.40 0.00	31.20 0.35 0.00	30.51 0.33 0.00	32.42 0.47 0.00	43.07 0.48 0.00	58.07 0.73 0.00	42.42 0.58 0.00	37.48 0.51 0.00	39.13 0.54 0.00	32.94 0.48 0.00	33.87 0.42 0.00	31.33 0.54 0.00	97.85 1.14 -27.43	44.49 0.59 -2.60	39.24 0.58 -1.08	53.51 0.35 -32.45	40.34 0.17 -29.65	42.26 0.22 -28.48	31.61 0.49 -0.01	31.90 0.40 0.00
BETHLEHEM___STEEL 23779	40.47 -0.77 0.00	32.94 -0.88 0.00	27.22 -0.71 0.00	28.03 -0.66 0.00	27.87 -0.52 0.00	30.32 -0.54 0.00	29.46 -0.72 0.00	30.53 -1.42 0.00	40.93 -1.66 0.00	54.88 -2.47 0.00	39.61 -2.23 0.00	35.09 -1.87 0.00	36.45 -2.14 0.00	30.90 -1.56 0.00	31.94 -1.51 0.00	29.03 -1.75 0.00	66.96 -5.06 -2.74	38.14 -2.50 0.67	31.17 -2.45 3.96	16.40 -1.31 2.99	12.61 -0.66 -2.76	14.44 -0.87 -1.76	28.38 -1.80 0.93	29.91 -1.58 0.00
BETHLHEM_115KV_TB1 79974	41.57 0.33 0.00	34.19 0.37 0.00	28.32 0.39 0.00	29.13 0.45 0.00	28.86 0.46 0.00	31.27 0.42 0.00	30.58 0.40 0.00	32.49 0.54 0.00	43.17 0.58 0.00	58.21 0.87 0.00	42.52 0.68 0.00	37.56 0.59 0.00	39.22 0.63 0.00	33.01 0.55 0.00	33.95 0.50 0.00	31.39 0.61 0.00	97.99 1.30 -27.41	44.60 0.69 -2.60	39.33 0.67 -1.08	53.54 0.40 -32.43	40.34 0.20 -29.64	42.28 0.26 -28.46	31.67 0.55 -0.01	31.98 0.49 0.00
BETHPAGE_CC_5 323564	43.95 2.71 0.00	36.09 2.27 0.00	29.60 1.67 0.00	30.58 1.89 0.00	30.25 1.85 0.00	32.91 2.06 0.00	32.27 2.09 0.00	34.32 2.36 0.00	45.62 3.03 0.00	61.43 4.09 0.00	45.14 3.30 0.00	44.88 3.06 -4.85	48.79 3.28 -6.92	35.15 2.69 0.00	36.28 2.83 0.00	33.18 2.40 0.00	103.30 5.55 -28.47	56.67 3.49 -11.88	41.68 3.15 -0.96	51.28 1.75 -28.82	37.73 0.88 -26.34	39.98 1.13 -25.30	33.76 2.65 0.00	33.95 2.46 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	40.69 -0.55 0.00	33.10 -0.72 0.00	27.36 -0.57 0.00	28.17 -0.52 0.00	28.02 -0.37 0.00	30.47 -0.39 0.00	29.60 -0.57 0.00	30.72 -1.24 0.00	41.18 -1.40 0.00	55.25 -2.09 0.00	39.88 -1.96 0.00	35.32 -1.64 0.00	36.67 -1.92 0.00	31.09 -1.37 0.00	32.15 -1.30 0.00	29.21 -1.57 0.00	67.48 -4.65 -2.85	38.43 -2.27 0.60	31.44 -2.25 3.89	16.69 -1.20 2.81	12.69 -0.61 -2.79	14.53 -0.81 -1.78	28.52 -1.65 0.94	30.07 -1.42 0.00

BINGHAMTON___COGEN 23790	41.63 0.39 0.00	33.88 0.06 0.00	28.02 0.09 0.00	28.85 0.17 0.00	28.63 0.24 0.00	31.12 0.27 0.00	30.36 0.18 0.00	32.20 0.24 0.00	43.08 0.49 0.00	57.68 0.34 0.00	42.09 0.26 0.00	37.21 0.24 0.00	38.83 0.24 0.00	32.78 0.33 0.00	33.79 0.34 0.00	31.02 0.24 0.00	78.07 0.43 -8.37	42.44 0.35 -0.79	38.13 0.23 -0.31	30.29 0.11 -9.47	19.18 0.03 -8.65	21.89 0.03 -8.31	31.19 0.07 0.00	31.61 0.12 0.00
BIXINCNT_115KV_LOAD 355685	41.48 0.24 0.00	33.62 -0.20 0.00	27.81 -0.12 0.00	28.63 -0.06 0.00	28.53 0.13 0.00	30.85 0.00 0.00	29.94 -0.24 0.00	31.30 -0.66 0.00	42.12 -0.47 0.00	56.24 -1.10 0.00	41.53 -1.37 -1.06	35.74 -1.23 0.00	44.96 -1.59 -7.97	31.25 -1.21 0.00	32.36 -1.10 0.00	29.28 -1.51 0.00	68.16 -4.54 -3.42	38.72 -2.30 0.29	31.34 -2.69 3.55	17.41 -1.37 1.93	12.62 -0.78 -2.89	14.42 -1.04 -1.90	28.12 -1.96 1.03	29.82 -1.67 0.00
BLACK RIVER___HYD 24047	41.21 -0.03 0.00	33.84 0.02 0.00	27.90 -0.03 0.00	28.00 -0.69 0.00	27.62 -0.78 0.00	30.47 -0.38 0.00	29.46 -0.71 0.00	31.30 -0.66 0.00	41.93 -0.66 0.00	56.57 -0.77 0.00	40.87 -0.97 0.00	35.96 -1.01 0.00	37.74 -0.85 0.00	31.69 -0.77 0.00	32.78 -0.67 0.00	29.57 -0.79 0.43	69.55 -1.15 -1.42	40.73 -0.71 -0.13	36.66 -0.97 -0.06	21.38 -0.90 -1.58	11.51 -0.52 -1.52	14.32 -0.69 -1.46	29.32 -1.79 0.00	24.77 -1.96 4.76
BLACKRVR_115KV_TB2 79977	41.21 -0.03 0.00	33.84 0.02 0.00	27.90 -0.03 0.00	28.00 -0.69 0.00	27.62 -0.78 0.00	30.48 -0.38 0.00	29.46 -0.71 0.00	31.30 -0.66 0.00	41.93 -0.66 0.00	56.57 -0.77 0.00	40.87 -0.97 0.00	35.96 -1.01 0.00	37.74 -0.84 0.00	31.69 -0.77 0.00	32.78 -0.67 0.00	29.57 -0.79 0.43	69.55 -1.15 -1.42	40.72 -0.71 -0.13	36.66 -0.98 -0.06	21.38 -0.90 -1.58	11.51 -0.52 -1.52	14.32 -0.69 -1.46	29.32 -1.80 0.00	24.77 -1.96 4.76
BLISS_WT_PWR 323608	41.51 0.27 0.00	33.61 -0.17 0.04	27.81 -0.11 0.02	28.64 -0.05 0.00	28.53 0.14 0.00	30.81 -0.04 0.00	29.91 -0.27 0.00	31.29 -0.66 0.00	42.12 -0.47 0.00	56.15 -1.19 0.00	41.38 -1.52 -1.06	35.58 -1.39 0.00	44.81 -1.75 -7.97	31.04 -1.42 0.00	32.17 -1.28 0.00	29.09 -1.70 0.00	67.73 -4.97 -3.42	38.46 -2.55 0.29	30.97 -3.06 3.55	17.23 -1.55 1.93	12.52 -0.88 -2.89	14.28 -1.17 -1.90	27.83 -2.25 1.03	29.58 -1.91 0.00
BLUESTONE___WT_PWR 323821	44.16 2.92 0.00	35.64 1.82 0.00	29.29 1.36 0.00	30.16 1.48 0.00	30.06 1.67 0.00	32.91 2.06 0.00	31.74 1.56 0.00	33.27 1.31 0.00	44.10 1.51 0.00	58.95 1.61 0.00	43.50 1.67 0.00	38.11 1.14 0.00	39.30 0.71 0.00	32.99 0.53 0.00	34.08 0.63 0.00	31.65 0.87 0.00	83.67 1.83 -12.56	43.30 0.86 -1.13	39.69 0.07 -2.04	33.94 -0.10 -13.34	20.69 -0.11 -10.30	23.74 -0.14 -10.33	31.33 -0.39 -0.61	31.06 -0.43 0.00
BLUE_CIRC_CHEM_DRP 24182	42.05 0.81 0.00	34.54 0.73 0.00	28.59 0.66 0.00	29.42 0.73 0.00	29.13 0.74 0.00	31.61 0.76 0.00	30.90 0.73 0.00	32.80 0.85 0.00	43.62 1.04 0.00	58.79 1.45 0.00	42.86 1.02 0.00	37.79 0.83 0.00	39.48 0.89 0.00	33.16 0.71 0.00	34.13 0.68 0.00	31.61 0.83 0.00	98.25 1.87 -27.10	44.86 0.98 -2.57	39.63 0.98 -1.07	53.37 0.58 -32.08	40.12 0.29 -29.32	42.09 0.37 -28.16	31.94 0.82 0.00	32.27 0.79 0.00
BOC_GAS_DRP 24189	41.87 0.63 0.00	34.42 0.60 0.00	28.44 0.51 0.00	29.26 0.58 0.00	28.98 0.59 0.00	31.45 0.60 0.00	30.77 0.59 0.00	32.65 0.70 0.00	43.45 0.86 0.00	58.54 1.20 0.00	42.76 0.92 0.00	37.80 0.83 0.00	39.47 0.88 0.00	33.21 0.75 0.00	34.18 0.73 0.00	31.53 0.74 0.00	98.22 1.64 -27.30	44.84 0.95 -2.59	39.55 0.90 -1.07	53.53 0.52 -32.31	40.29 0.26 -29.52	42.24 0.33 -28.36	31.86 0.75 -0.01	32.19 0.70 0.00
BOONVILLE_115KV_TB1 79983	41.93 0.69 0.00	34.44 0.62 0.00	28.40 0.48 0.00	28.88 0.20 0.00	28.52 0.12 0.00	31.20 0.34 0.00	30.38 0.21 0.00	32.18 0.22 0.00	43.03 0.45 0.00	58.05 0.70 0.00	42.23 0.39 0.00	37.21 0.24 0.00	38.87 0.28 0.00	32.70 0.24 0.00	33.72 0.27 0.00	30.78 0.20 0.21	70.94 0.75 -0.92	41.76 0.36 -0.09	37.87 0.25 -0.04	21.71 -0.03 -1.03	11.43 -0.07 -0.99	14.41 -0.09 -0.95	30.76 -0.35 0.00	28.67 -0.45 2.37
BORALEX_4TH_BRANCH 23824	43.38 2.14 0.00	35.71 1.89 0.00	29.57 1.64 0.00	30.43 1.74 0.00	30.16 1.76 0.00	32.75 1.90 0.00	31.89 1.72 0.00	33.90 1.95 0.00	45.19 2.61 0.00	60.98 3.64 0.00	44.57 2.74 0.00	39.39 2.42 0.00	41.11 2.52 0.00	34.52 2.06 0.00	35.52 2.06 0.00	32.68 1.90 0.00	100.88 4.21 -27.40	46.17 2.26 -2.60	40.89 2.24 -1.08	54.49 1.37 -32.42	40.82 0.68 -29.63	42.91 0.90 -28.46	33.08 1.96 -0.01	33.43 1.95 0.00
BOWLINE___1 23526	43.28 2.05 0.00	35.52 1.71 0.00	29.26 1.33 0.00	30.06 1.38 0.00	29.88 1.48 0.00	32.49 1.64 0.00	31.85 1.67 0.00	33.84 1.88 0.00	45.00 2.41 0.00	60.46 3.12 0.00	44.28 2.44 0.00	39.19 2.23 0.00	41.02 2.43 0.00	34.52 2.07 0.00	35.54 2.09 0.00	32.71 1.93 0.00	97.75 4.54 -23.93	46.41 2.84 -2.27	41.06 2.53 -0.94	50.50 1.38 -28.41	37.13 0.66 -25.96	39.34 0.85 -24.94	33.03 1.91 0.00	33.32 1.83 0.00
BOWLINE___2 23595	43.28 2.05 0.00	35.52 1.71 0.00	29.26 1.33 0.00	30.06 1.38 0.00	29.88 1.48 0.00	32.49 1.64 0.00	31.85 1.67 0.00	33.84 1.88 0.00	45.00 2.41 0.00	60.46 3.12 0.00	44.28 2.44 0.00	39.19 2.23 0.00	41.02 2.43 0.00	34.52 2.07 0.00	35.54 2.09 0.00	32.71 1.93 0.00	97.75 4.54 -23.93	46.41 2.84 -2.27	41.06 2.53 -0.94	50.50 1.38 -28.41	37.13 0.66 -25.96	39.34 0.85 -24.94	33.03 1.91 0.00	33.32 1.83 0.00
BRADY___115KV_TB2 356060	42.19 0.95 0.00	34.74 0.92 0.00	28.36 0.43 0.00	28.17 -0.52 0.00	27.44 -0.96 0.00	29.94 -0.91 0.00	29.61 -0.57 0.00	30.80 -1.16 0.00	41.18 -1.41 0.00	56.36 -0.98 0.00	40.79 -1.05 0.00	35.74 -1.24 0.00	36.89 -1.70 0.00	30.80 -1.66 0.00	31.90 -1.55 0.00	26.76 -2.14 1.88	65.92 -3.92 -0.56	38.36 -2.99 -0.05	35.27 -2.33 -0.02	19.64 -1.32 -0.26	10.63 -0.48 -0.60	13.46 -0.68 -0.58	29.39 -1.72 0.00	8.70 -1.83 20.96
BRANSCOMB___SOLAR 323811	43.20 1.96 0.00	35.55 1.73 0.00	29.32 1.39 0.00	30.17 1.49 0.00	29.89 1.50 0.00	32.47 1.62 0.00	31.79 1.61 0.00	33.82 1.86 0.00	45.08 2.50 0.00	60.81 3.47 0.00	44.37 2.53 0.00	39.00 2.03 0.00	40.63 2.04 0.00	33.92 1.46 0.00	34.95 1.49 0.00	32.22 1.44 0.00	100.67 3.39 -28.00	45.85 1.89 -2.66	40.52 1.84 -1.10	54.87 1.04 -33.12	41.30 0.53 -30.27	43.30 0.67 -29.07	32.61 1.49 -0.01	32.91 1.42 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	44.24 3.00 0.00	36.38 2.56 0.00	29.77 1.84 0.00	30.81 2.12 0.00	30.46 2.06 0.00	33.13 2.28 0.00	32.50 2.32 0.00	34.57 2.61 0.00	45.91 3.32 0.00	61.81 4.47 0.00	45.48 3.64 0.00	44.59 3.40 -4.23	48.19 3.57 -6.03	35.39 2.93 0.00	36.54 3.09 0.00	33.37 2.59 0.00	102.76 6.14 -27.34	55.79 3.84 -10.64	41.91 3.37 -0.96	51.41 1.88 -28.82	37.80 0.96 -26.34	40.08 1.23 -25.30	34.04 2.93 0.00	34.19 2.70 0.00



BRISTLHL_115KV_TB1 79998	40.54 -0.69 0.00	33.17 -0.64 0.00	27.42 -0.51 0.00	28.18 -0.51 0.00	27.93 -0.47 0.00	30.36 -0.49 0.00	29.67 -0.51 0.00	31.41 -0.55 0.00	41.92 -0.67 0.00	56.34 -1.00 0.00	41.01 -0.82 0.00	36.28 -0.69 0.00	37.89 -0.70 0.00	31.89 -0.57 0.00	32.91 -0.54 0.00	30.23 -0.50 0.05	70.21 -1.15 -2.08	40.89 -0.61 -0.20	37.04 -0.63 -0.08	22.78 -0.35 -2.43	12.55 -0.19 -2.23	15.46 -0.24 -2.14	30.61 -0.51 0.00	30.46 -0.46 0.58
BROOKHAVEN___DRP 24191	43.91 2.67 0.00	36.05 2.23 0.00	29.50 1.57 0.00	30.55 1.87 0.00	30.17 1.77 0.00	32.79 1.94 0.00	32.27 2.10 0.00	34.28 2.33 0.00	45.36 2.77 0.00	61.13 3.79 0.00	44.96 3.12 0.00	44.13 3.00 -4.16	47.63 3.12 -5.93	34.97 2.51 0.00	36.04 2.58 0.00	32.93 2.15 0.00	101.80 5.34 -27.19	55.24 3.43 -10.51	41.51 2.97 -0.96	51.17 1.64 -28.82	37.68 0.82 -26.34	39.92 1.06 -25.30	33.79 2.67 0.00	33.89 2.40 0.00
BROOKLYN_NAVY_YARD 23515	43.57 2.33 0.00	35.74 1.92 0.00	29.41 1.48 0.00	30.21 1.52 0.00	30.01 1.62 0.00	32.58 1.73 0.00	31.96 1.78 0.00	33.95 2.00 0.00	45.18 2.59 0.00	60.74 3.40 0.00	44.51 2.67 0.00	39.45 2.48 0.00	41.35 2.76 0.00	34.82 2.36 0.00	35.82 2.37 0.00	32.91 2.12 0.00	99.61 4.97 -25.35	46.69 3.09 -2.31	41.30 2.76 -0.96	51.03 1.50 -28.82	37.59 0.75 -26.34	39.84 0.99 -25.30	33.39 2.27 0.00	33.68 2.19 0.00
BROOKLYN___ARMY_DRP 323595	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
BROOKVLE_69_KV_TB1 55790	43.95 2.71 0.00	36.07 2.26 0.00	29.63 1.71 0.00	30.53 1.85 0.00	30.27 1.87 0.00	32.90 2.05 0.00	32.27 2.10 0.00	34.32 2.37 0.00	45.66 3.07 0.00	61.49 4.15 0.00	45.10 3.26 0.00	46.77 3.01 -6.79	51.53 3.25 -9.69	35.15 2.69 0.00	36.25 2.79 0.00	33.23 2.44 0.00	107.13 5.76 -32.09	60.56 3.56 -15.70	41.74 3.20 -0.96	51.29 1.76 -28.82	37.73 0.88 -26.34	39.97 1.12 -25.30	33.70 2.58 0.00	33.92 2.43 0.00
BROOME_2_LFGE 323671	41.63 0.39 0.00	33.89 0.06 -0.01	28.03 0.09 0.00	28.85 0.17 0.00	28.63 0.23 0.00	31.12 0.26 0.00	30.35 0.17 0.00	32.20 0.25 0.00	43.07 0.49 0.00	57.70 0.36 0.00	42.09 0.25 0.00	37.20 0.24 0.00	38.83 0.23 0.00	32.79 0.33 0.00	33.79 0.34 0.00	31.02 0.24 0.00	78.04 0.40 -8.37	42.45 0.36 -0.79	38.13 0.23 -0.31	30.29 0.11 -9.47	19.18 0.03 -8.65	21.89 0.03 -8.31	31.18 0.07 0.00	31.61 0.12 0.00
BROOME___LFGE 323600	41.63 0.39 0.00	33.89 0.06 -0.01	28.03 0.09 0.00	28.85 0.17 0.00	28.63 0.23 0.00	31.12 0.26 0.00	30.35 0.17 0.00	32.20 0.25 0.00	43.07 0.49 0.00	57.70 0.36 0.00	42.09 0.25 0.00	37.20 0.24 0.00	38.83 0.23 0.00	32.79 0.33 0.00	33.79 0.34 0.00	31.02 0.24 0.00	78.04 0.40 -8.37	42.45 0.36 -0.79	38.13 0.23 -0.31	30.29 0.11 -9.47	19.18 0.03 -8.65	21.89 0.03 -8.31	31.18 0.07 0.00	31.61 0.12 0.00
BROWNFLS_115KV_TB_3_5 80003	41.45 0.21 0.00	34.12 0.30 0.00	27.96 0.03 0.00	27.88 -0.80 0.00	27.32 -1.08 0.00	29.98 -0.87 0.00	29.32 -0.86 0.00	30.79 -1.17 0.00	41.17 -1.41 0.00	56.00 -1.34 0.00	40.57 -1.26 0.00	35.64 -1.33 0.00	37.09 -1.50 0.00	31.04 -1.41 0.00	32.08 -1.38 0.00	27.99 -1.68 1.12	67.12 -3.04 -0.88	39.23 -2.16 -0.08	35.70 -1.91 -0.03	20.24 -1.26 -0.80	10.86 -0.59 -0.94	13.66 -0.80 -0.91	29.06 -2.05 0.00	16.84 -2.20 12.45
BROWNSV1_27_KV_LOAD 356125	44.08 2.84 0.00	36.15 2.33 0.00	29.74 1.81 0.00	30.54 1.85 0.00	30.34 1.95 0.00	32.95 2.10 0.00	32.31 2.13 0.00	34.33 2.38 0.00	45.68 3.10 0.00	61.42 4.08 0.00	45.00 3.16 0.00	39.88 2.92 0.00	41.79 3.20 0.00	35.19 2.73 0.00	36.21 2.76 0.00	33.28 2.50 0.00	99.42 5.85 -24.29	47.21 3.60 -2.31	41.75 3.22 -0.96	51.28 1.76 -28.82	37.72 0.87 -26.34	39.98 1.13 -25.30	33.70 2.58 0.00	33.98 2.50 0.00
BURROWS___LYONSDAL 23803	41.79 0.55 0.00	34.35 0.53 0.00	28.32 0.38 0.00	28.68 0.00 0.00	28.29 -0.11 0.00	31.01 0.15 0.00	30.15 -0.03 0.00	31.92 -0.03 0.00	42.70 0.11 0.00	57.63 0.29 0.00	41.91 0.07 0.00	36.91 -0.06 0.00	38.57 -0.02 0.00	32.44 -0.02 0.00	33.45 0.00 0.00	30.43 -0.07 0.29	70.45 0.22 -0.95	41.44 0.04 -0.09	37.55 -0.07 -0.04	21.50 -0.27 -1.06	11.33 -0.20 -1.02	14.28 -0.26 -0.98	30.34 -0.77 0.00	27.36 -0.89 3.25
CAITHNESS_CC_1 323624	43.86 2.63 0.00	36.02 2.20 0.00	29.48 1.55 0.00	30.54 1.85 0.00	30.16 1.77 0.00	32.79 1.93 0.00	32.23 2.06 0.00	34.24 2.29 0.00	45.36 2.78 0.00	61.12 3.78 0.00	44.96 3.12 0.00	44.11 2.98 -4.15	47.62 3.11 -5.93	34.98 2.52 0.00	36.06 2.60 0.00	32.94 2.15 0.00	101.65 5.18 -27.18	55.11 3.31 -10.50	41.48 2.94 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.91 1.06 -25.30	33.75 2.63 0.00	33.86 2.37 0.00
CALPINE BETH_PAGE_GT4 24209	43.94 2.70 0.00	36.09 2.27 0.00	29.59 1.66 0.00	30.55 1.87 0.00	30.25 1.85 0.00	32.90 2.04 0.00	32.26 2.08 0.00	34.32 2.36 0.00	45.61 3.02 0.00	61.43 4.09 0.00	45.12 3.28 0.00	45.18 3.04 -5.17	49.22 3.26 -7.37	35.14 2.68 0.00	36.26 2.81 0.00	33.18 2.40 0.00	103.97 5.61 -29.08	57.31 3.51 -12.50	41.68 3.14 -0.96	51.27 1.74 -28.82	37.73 0.88 -26.34	39.97 1.12 -25.30	33.75 2.63 0.00	33.93 2.44 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.93 2.70 0.00	36.09 2.27 0.00	29.59 1.66 0.00	30.56 1.87 0.00	30.25 1.85 0.00	32.90 2.04 0.00	32.26 2.08 0.00	34.32 2.36 0.00	45.61 3.02 0.00	61.43 4.09 0.00	45.12 3.28 0.00	45.18 3.04 -5.17	49.22 3.26 -7.37	35.14 2.68 0.00	36.26 2.81 0.00	33.18 2.40 0.00	103.87 5.51 -29.08	57.25 3.45 -12.50	41.68 3.14 -0.96	51.27 1.74 -28.82	37.73 0.88 -26.34	39.97 1.12 -25.30	33.75 2.63 0.00	33.93 2.44 0.00
CALPINE_BP_GT1 23823	43.93 2.70 0.00	36.09 2.27 0.00	29.59 1.66 0.00	30.56 1.87 0.00	30.25 1.85 0.00	32.90 2.04 0.00	32.26 2.08 0.00	34.32 2.36 0.00	45.61 3.02 0.00	61.43 4.09 0.00	45.12 3.28 0.00	45.18 3.04 -5.17	49.22 3.26 -7.37	35.14 2.68 0.00	36.26 2.81 0.00	33.18 2.40 0.00	103.87 5.51 -29.08	57.25 3.45 -12.50	41.68 3.14 -0.96	51.27 1.74 -28.82	37.73 0.88 -26.34	39.97 1.12 -25.30	33.75 2.63 0.00	33.93 2.44 0.00
CALSPAN___DRP 24200	40.47 -0.77 0.00	32.94 -0.88 0.00	27.22 -0.71 0.00	28.03 -0.66 0.00	27.87 -0.52 0.00	30.32 -0.54 0.00	29.46 -0.72 0.00	30.53 -1.42 0.00	40.93 -1.66 0.00	54.88 -2.47 0.00	39.61 -2.23 0.00	35.09 -1.87 0.00	36.45 -2.14 0.00	30.90 -1.56 0.00	31.94 -1.51 0.00	29.03 -1.75 0.00	66.96 -5.06 -2.74	38.14 -2.50 0.67	31.17 -2.45 3.96	16.40 -1.31 2.99	12.61 -0.66 -2.76	14.44 -0.87 -1.76	28.38 -1.80 0.93	29.91 -1.58 0.00

CALVERTON___SOLAR 323806	44.00 2.77 0.00	36.10 2.28 0.00	29.52 1.60 0.00	30.61 1.92 0.00	30.20 1.81 0.00	32.83 1.98 0.00	32.33 2.15 0.00	34.31 2.35 0.00	45.37 2.78 0.00	61.15 3.81 0.00	44.96 3.12 0.00	44.16 3.03 -4.16	47.65 3.13 -5.93	34.97 2.51 0.00	36.02 2.57 0.00	32.93 2.14 0.00	101.75 5.28 -27.19	55.20 3.39 -10.51	41.56 3.02 -0.96	51.19 1.65 -28.82	37.68 0.83 -26.34	39.93 1.07 -25.30	33.81 2.70 0.00	33.91 2.42 0.00
CANDIGU_WT_PWR 323617	40.59 -0.64 0.00	32.88 -0.96 -0.01	27.19 -0.74 0.00	28.07 -0.62 0.00	27.82 -0.58 0.00	30.19 -0.67 0.00	29.20 -0.97 0.00	30.88 -1.07 0.00	41.39 -1.20 0.00	54.82 -2.52 0.00	39.63 -2.21 0.00	35.03 -1.94 0.00	36.86 -1.73 0.00	31.23 -1.23 0.00	32.10 -1.35 0.00	29.17 -1.61 0.00	63.92 -4.51 0.84	34.05 -2.40 4.85	21.39 -2.49 13.71	-0.17 -1.36 19.52	12.84 -0.75 -3.08	12.94 -0.98 -0.37	27.25 -2.11 1.76	29.56 -1.93 0.00
CARR STREET_E_SYR 24060	40.85 -0.39 0.00	33.42 -0.40 0.00	27.62 -0.31 0.00	28.39 -0.30 0.00	28.15 -0.25 0.00	30.60 -0.25 0.00	29.90 -0.27 0.00	31.65 -0.30 0.00	42.25 -0.34 0.00	56.79 -0.54 0.00	41.38 -0.46 0.00	36.57 -0.40 0.00	38.20 -0.39 0.00	32.19 -0.26 0.00	33.22 -0.24 0.00	30.49 -0.26 0.04	71.00 -0.60 -2.32	41.23 -0.30 -0.22	37.32 -0.35 -0.09	23.23 -0.20 -2.72	12.90 -0.11 -2.49	15.81 -0.14 -2.40	30.82 -0.29 0.00	30.82 -0.23 0.44
CARTHAGE___PAPER 23857	41.57 0.33 0.00	34.18 0.36 0.00	28.13 0.20 0.00	28.20 -0.49 0.00	27.76 -0.64 0.00	30.60 -0.25 0.00	29.65 -0.53 0.00	31.42 -0.53 0.00	42.06 -0.53 0.00	56.87 -0.47 0.00	41.11 -0.73 0.00	36.16 -0.81 0.00	37.90 -0.70 0.00	31.80 -0.66 0.00	32.88 -0.57 0.00	29.57 -0.72 0.50	69.61 -0.96 -1.29	40.75 -0.67 -0.12	36.79 -0.84 -0.05	21.31 -0.80 -1.41	11.43 -0.46 -1.39	14.26 -0.62 -1.33	29.45 -1.66 0.00	24.09 -1.84 5.56
CASSADAGA_WT_PWR 323784	41.46 0.22 0.00	33.68 -0.11 0.03	27.90 -0.02 0.01	28.79 0.10 0.00	28.55 0.15 0.00	31.07 0.22 0.00	30.49 0.32 0.00	31.62 -0.34 0.00	42.42 -0.16 0.00	56.53 -0.81 0.00	31.78 -1.09 8.97	35.90 -1.07 0.00	-30.39 -1.54 67.43	30.82 -1.63 0.00	31.86 -1.59 0.00	29.00 -1.78 0.00	67.36 -5.14 -3.23	38.39 -2.51 0.40	31.39 -2.45 3.74	16.87 -1.49 2.35	12.58 -0.75 -2.82	14.44 -0.92 -1.81	28.20 -1.89 1.03	29.95 -1.54 0.00
CE_DUNWOOD___DRP 24194	43.46 2.22 0.00	35.65 1.83 0.00	29.34 1.41 0.00	30.16 1.47 0.00	29.96 1.56 0.00	32.55 1.69 0.00	31.91 1.73 0.00	33.91 1.96 0.00	45.13 2.54 0.00	60.68 3.34 0.00	44.45 2.61 0.00	39.37 2.40 0.00	41.21 2.62 0.00	34.67 2.21 0.00	35.69 2.24 0.00	32.84 2.05 0.00	98.36 4.82 -24.26	46.58 2.98 -2.30	41.20 2.67 -0.96	50.96 1.46 -28.79	37.54 0.71 -26.31	39.74 0.92 -25.27	33.20 2.08 0.00	33.48 1.99 0.00
CE_MILLWOOD___DRP 24193	43.35 2.12 0.00	35.59 1.77 0.00	29.31 1.38 0.00	30.11 1.43 0.00	29.91 1.52 0.00	32.51 1.66 0.00	31.87 1.69 0.00	33.86 1.91 0.00	45.05 2.46 0.00	60.58 3.24 0.00	44.36 2.53 0.00	39.28 2.32 0.00	41.12 2.53 0.00	34.60 2.14 0.00	35.62 2.17 0.00	32.78 1.99 0.00	98.18 4.69 -24.22	46.50 2.90 -2.30	41.13 2.59 -0.95	50.86 1.42 -28.74	37.46 0.69 -26.26	39.67 0.88 -25.23	33.13 2.01 0.00	33.41 1.93 0.00
CE_NYC2_DRP 24202	43.75 2.51 0.00	35.88 2.06 0.00	29.53 1.60 0.00	30.34 1.65 0.00	30.14 1.75 0.00	32.73 1.87 0.00	32.09 1.91 0.00	34.09 2.14 0.00	45.36 2.77 0.00	61.01 3.67 0.00	44.69 2.85 0.00	39.60 2.63 0.00	41.48 2.89 0.00	34.93 2.47 0.00	35.94 2.48 0.00	33.04 2.26 0.00	98.87 5.30 -24.29	46.86 3.25 -2.31	41.45 2.92 -0.96	51.13 1.60 -28.82	37.65 0.80 -26.34	39.88 1.03 -25.30	33.47 2.35 0.00	33.75 2.26 0.00
CE_NYC_DRP 24195	43.71 2.47 0.00	35.85 2.02 0.00	29.50 1.58 0.00	30.30 1.62 0.00	30.10 1.71 0.00	32.69 1.84 0.00	32.05 1.87 0.00	34.05 2.09 0.00	45.30 2.72 0.00	60.92 3.58 0.00	44.65 2.81 0.00	39.56 2.59 0.00	41.45 2.86 0.00	34.90 2.44 0.00	35.92 2.46 0.00	33.02 2.23 0.00	98.80 5.23 -24.29	46.83 3.22 -2.31	41.42 2.88 -0.96	51.10 1.57 -28.82	37.62 0.78 -26.34	39.86 1.01 -25.30	33.44 2.32 0.00	33.73 2.25 0.00
CHAFFEE___LFGE 323603	40.72 -0.51 0.00	33.08 -0.71 0.03	27.38 -0.54 0.01	28.20 -0.49 0.00	28.05 -0.34 0.00	30.49 -0.36 0.00	29.66 -0.52 0.00	30.78 -1.17 0.00	41.29 -1.30 0.00	55.44 -1.90 0.00	40.44 -1.82 -0.42	35.46 -1.51 0.00	39.99 -1.74 -3.14	31.20 -1.26 0.00	32.28 -1.17 0.00	29.34 -1.44 0.00	68.05 -4.31 -3.08	38.83 -2.00 0.47	31.77 -2.05 3.76	17.16 -1.09 2.46	12.78 -0.55 -2.82	14.65 -0.73 -1.83	28.60 -1.54 0.98	30.18 -1.31 0.00
CHATEAUG_35_KV_LOAD 355732	41.88 0.64 0.00	34.53 0.71 0.00	28.14 0.21 0.00	27.93 -0.75 0.00	27.05 -1.35 0.00	29.49 -1.37 0.00	29.22 -0.96 0.00	30.33 -1.62 0.00	40.50 -2.10 0.00	55.52 -1.82 0.00	40.40 -1.44 0.00	35.32 -1.65 0.00	36.20 -2.39 0.00	30.07 -2.39 0.00	31.10 -2.36 0.00	25.68 -3.08 2.03	63.46 -6.32 -0.50	36.74 -4.61 -0.05	33.93 -3.67 -0.02	18.85 -2.01 -0.15	10.24 -0.80 -0.54	13.00 -1.07 -0.51	28.42 -2.69 0.00	5.97 -2.88 22.64
CHATEAUG_WT_PWR 323614	41.95 0.71 0.00	34.60 0.78 0.00	28.20 0.27 0.00	27.97 -0.71 0.00	27.10 -1.30 0.00	29.53 -1.32 0.00	29.26 -0.92 0.00	30.38 -1.58 0.00	40.55 -2.04 0.00	55.59 -1.75 0.00	40.48 -1.36 0.00	35.38 -1.59 0.00	36.25 -2.34 0.00	30.11 -2.35 0.00	31.13 -2.32 0.00	25.66 -3.05 2.07	63.36 -6.40 -0.48	36.69 -4.66 -0.05	33.84 -3.76 -0.02	18.79 -2.04 -0.12	10.21 -0.81 -0.52	12.97 -1.09 -0.50	28.40 -2.71 0.00	5.42 -2.99 23.08
CHAT_HIGH_FALL_HYD 323578	41.88 0.64 0.00	34.53 0.71 0.00	28.14 0.21 0.00	27.93 -0.75 0.00	27.05 -1.35 0.00	29.49 -1.37 0.00	29.22 -0.96 0.00	30.33 -1.62 0.00	40.50 -2.10 0.00	55.52 -1.82 0.00	40.40 -1.44 0.00	35.32 -1.65 0.00	36.20 -2.39 0.00	30.07 -2.39 0.00	31.10 -2.36 0.00	25.68 -3.08 2.03	63.46 -6.32 -0.50	36.74 -4.61 -0.05	33.93 -3.67 -0.02	18.85 -2.01 -0.15	10.24 -0.80 -0.54	13.00 -1.07 -0.51	28.42 -2.69 0.00	5.97 -2.88 22.64
CHAUTAUQUA___LFGE 323629	40.92 -0.31 0.00	33.27 -0.52 0.03	27.53 -0.39 0.01	28.37 -0.32 0.00	28.15 -0.25 0.00	30.64 -0.21 0.00	29.78 -0.39 0.00	30.82 -1.13 0.00	41.29 -1.30 0.00	55.17 -2.17 0.00	35.53 -2.09 4.22	35.13 -1.84 0.00	4.69 -2.20 31.70	30.73 -1.72 0.00	31.82 -1.64 0.00	28.90 -1.88 0.00	66.96 -5.25 -2.93	38.13 -2.59 0.57	31.10 -2.54 3.95	16.43 -1.43 2.85	12.59 -0.70 -2.78	14.41 -0.90 -1.76	28.22 -1.91 0.98	29.83 -1.66 0.00
CHERRYST_13_KV_LD 356241	43.82 2.59 0.00	35.95 2.13 0.00	29.57 1.64 0.00	30.38 1.70 0.00	30.18 1.79 0.00	32.78 1.93 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.43 2.84 0.00	61.09 3.75 0.00	44.78 2.94 0.00	39.68 2.71 0.00	41.56 2.97 0.00	35.00 2.54 0.00	36.03 2.57 0.00	33.11 2.33 0.00	99.00 5.44 -24.29	46.95 3.34 -2.31	41.53 2.99 -0.96	51.16 1.63 -28.82	37.66 0.81 -26.34	39.90 1.05 -25.30	33.53 2.41 0.00	33.81 2.32 0.00

CHESTROR_138KV_BK263 355645	43.16 1.92 0.00	35.42 1.60 0.00	29.18 1.25 0.00	29.98 1.30 0.00	29.79 1.40 0.00	32.39 1.54 0.00	31.74 1.57 0.00	33.72 1.77 0.00	44.87 2.28 0.00	60.29 2.95 0.00	44.15 2.31 0.00	39.07 2.10 0.00	40.86 2.27 0.00	34.37 1.92 0.00	35.40 1.94 0.00	32.60 1.81 0.00	96.89 4.30 -23.31	46.19 2.68 -2.21	40.89 2.39 -0.92	49.71 1.30 -27.70	36.45 0.63 -25.32	38.67 0.80 -24.31	32.91 1.79 0.00	33.21 1.72 0.00
CH_MIDHUDSON___DRP 24192	43.30 2.06 0.00	35.54 1.72 0.00	29.28 1.35 0.00	30.10 1.41 0.00	29.88 1.48 0.00	32.46 1.61 0.00	31.83 1.65 0.00	33.82 1.87 0.00	45.04 2.46 0.00	60.63 3.29 0.00	44.38 2.55 0.00	39.28 2.31 0.00	41.07 2.48 0.00	34.55 2.09 0.00	35.56 2.11 0.00	32.75 1.97 0.00	98.40 4.65 -24.47	46.48 2.85 -2.32	41.12 2.58 -0.97	51.16 1.40 -29.05	37.75 0.69 -26.55	39.93 0.87 -25.50	33.09 1.98 0.00	33.38 1.90 0.00
CH_MISC_IPPS 23765	43.63 2.39 0.00	35.79 1.97 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.69 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.10 2.15 0.00	45.40 2.81 0.00	61.09 3.74 0.00	44.73 2.89 0.00	39.58 2.61 0.00	41.36 2.77 0.00	34.81 2.35 0.00	35.82 2.37 0.00	33.02 2.23 0.00	98.77 5.23 -24.27	46.82 3.21 -2.30	41.47 2.93 -0.96	51.12 1.59 -28.82	37.62 0.77 -26.34	39.84 0.98 -25.30	33.33 2.22 0.00	33.61 2.12 0.00
CH_RES_BVR_FALLS 23983	41.26 0.02 0.00	33.94 0.12 0.00	27.86 -0.06 0.00	28.13 -0.56 0.00	27.55 -0.84 0.00	29.98 -0.87 0.00	29.47 -0.71 0.00	30.89 -1.07 0.00	41.21 -1.38 0.00	55.98 -1.36 0.00	40.78 -1.06 0.00	35.94 -1.03 0.00	37.31 -1.28 0.00	31.22 -1.24 0.00	32.18 -1.27 0.00	26.90 -1.47 2.41	66.73 -2.88 -0.34	39.30 -2.04 -0.03	35.90 -1.70 -0.01	19.61 -0.98 0.11	10.44 -0.43 -0.37	13.32 -0.59 -0.35	29.69 -1.43 0.00	3.12 -1.51 26.85
CH_RES_NIAGARA 23895	38.93 -2.31 0.00	31.74 -2.08 0.00	26.22 -1.71 0.00	26.97 -1.71 0.00	26.80 -1.60 0.00	29.17 -1.68 0.00	28.37 -1.81 0.00	29.25 -2.71 0.00	39.14 -3.45 0.00	52.64 -4.70 0.00	37.99 -3.85 0.00	33.67 -3.30 0.00	35.04 -3.55 0.00	29.71 -2.75 0.00	30.78 -2.68 0.00	27.98 -2.81 0.00	64.50 -7.51 -2.73	36.87 -3.97 0.46	30.63 -3.69 3.26	16.78 -1.93 1.99	12.20 -0.96 -2.65	14.10 -1.25 -1.79	27.58 -2.72 0.81	29.02 -2.47 0.00
CH_RES_SYRACUSE 23985	41.15 -0.09 0.00	33.66 -0.17 0.00	27.79 -0.13 0.00	28.57 -0.12 0.00	28.32 -0.08 0.00	30.81 -0.04 0.00	30.11 -0.06 0.00	31.89 -0.07 0.00	42.54 -0.05 0.00	57.14 -0.20 0.00	41.67 -0.17 0.00	36.82 -0.15 0.00	38.47 -0.12 0.00	32.43 -0.03 0.00	33.43 -0.02 0.00	30.71 -0.04 0.04	71.76 -0.10 -2.58	41.55 0.01 -0.24	37.59 -0.10 -0.10	23.67 -0.07 -3.03	13.25 -0.04 -2.77	16.16 -0.05 -2.66	31.03 -0.08 0.00	31.04 -0.05 0.40
CLINTON_WT_PWR 323605	41.95 0.71 0.00	34.60 0.78 0.00	28.20 0.27 0.00	27.97 -0.71 0.00	27.10 -1.30 0.00	29.53 -1.32 0.00	29.26 -0.92 0.00	30.38 -1.58 0.00	40.55 -2.04 0.00	55.59 -1.75 0.00	40.48 -1.36 0.00	35.38 -1.59 0.00	36.25 -2.34 0.00	30.11 -2.35 0.00	31.13 -2.32 0.00	25.66 -3.05 2.07	63.36 -6.40 -0.48	36.69 -4.66 -0.05	33.84 -3.76 -0.02	18.79 -2.04 -0.12	10.21 -0.81 -0.52	12.97 -1.09 -0.50	28.40 -2.71 0.00	5.42 -2.99 23.08
CLINTON___LFGE 323618	42.55 1.32 0.00	35.12 1.30 0.00	28.59 0.66 0.00	28.40 -0.29 0.00	27.47 -0.93 0.00	29.95 -0.90 0.00	29.67 -0.51 0.00	30.86 -1.10 0.00	41.16 -1.42 0.00	56.44 -0.90 0.00	41.13 -0.71 0.00	36.00 -0.97 0.00	36.85 -1.74 0.00	30.60 -1.86 0.00	31.65 -1.80 0.00	26.12 -2.60 2.06	64.42 -5.34 -0.49	37.33 -4.02 -0.05	34.42 -3.18 -0.02	19.13 -1.70 -0.13	10.39 -0.64 -0.52	13.17 -0.88 -0.50	28.92 -2.19 0.00	6.05 -2.48 22.97
COBBLENY_34_KV_TB1 80064	40.73 -0.51 0.00	33.11 -0.71 0.00	27.39 -0.54 0.00	28.20 -0.49 0.00	28.05 -0.34 0.00	30.50 -0.35 0.00	29.67 -0.51 0.00	30.78 -1.17 0.00	41.30 -1.29 0.00	55.42 -1.93 0.00	40.43 -1.83 -0.42	35.46 -1.51 0.00	39.97 -1.76 -3.14	31.22 -1.24 0.00	32.29 -1.17 0.00	29.34 -1.45 0.00	68.05 -4.31 -3.08	38.80 -2.03 0.47	31.79 -2.03 3.76	17.17 -1.08 2.46	12.78 -0.55 -2.82	14.64 -0.74 -1.83	28.62 -1.52 0.98	30.17 -1.32 0.00
COFFEEN___115KV_TB3 355620	41.41 0.18 0.00	33.97 0.15 0.00	27.98 0.05 0.00	28.11 -0.57 0.00	27.78 -0.61 0.00	30.65 -0.21 0.00	29.67 -0.51 0.00	31.51 -0.44 0.00	42.20 -0.39 0.00	56.89 -0.45 0.00	41.06 -0.77 0.00	36.11 -0.86 0.00	37.94 -0.65 0.00	31.90 -0.56 0.00	33.04 -0.42 0.00	29.80 -0.57 0.41	70.08 -0.64 -1.44	41.01 -0.43 -0.14	36.94 -0.69 -0.06	21.58 -0.73 -1.60	11.62 -0.44 -1.55	14.45 -0.59 -1.49	29.54 -1.57 0.00	25.14 -1.73 4.62
COLDSPRG_115KV_BK1 355956	42.15 0.91 0.00	34.12 0.30 0.00	28.26 0.33 0.00	29.13 0.44 0.00	29.04 0.64 0.00	31.53 0.68 0.00	30.95 0.77 0.00	32.36 0.41 0.00	43.56 0.97 0.00	58.51 1.17 0.00	49.16 0.59 -6.74	37.42 0.46 0.00	89.28 0.09 -50.60	32.29 -0.17 0.00	33.36 -0.09 0.00	30.33 -0.45 0.00	70.73 -2.23 -3.69	40.39 -0.80 0.12	33.23 -0.94 3.41	18.56 -0.58 1.56	13.03 -0.35 -2.87	15.01 -0.43 -1.89	29.29 -0.73 1.09	31.01 -0.48 0.00
COLONIE_LFGE___ 323577	42.63 1.40 0.00	35.09 1.27 0.00	28.97 1.04 0.00	29.80 1.11 0.00	29.51 1.12 0.00	32.04 1.19 0.00	31.33 1.15 0.00	33.28 1.32 0.00	44.31 1.72 0.00	59.76 2.42 0.00	43.65 1.81 0.00	38.53 1.56 0.00	40.20 1.61 0.00	33.74 1.28 0.00	34.72 1.27 0.00	32.02 1.24 0.00	99.85 2.84 -27.73	45.49 1.55 -2.63	40.19 1.52 -1.09	54.40 0.88 -32.81	40.93 0.44 -29.98	42.92 0.57 -28.80	32.38 1.26 -0.01	32.71 1.22 0.00
COOPERNY_115KV_TB1 80082	42.59 1.36 0.00	34.92 1.10 0.00	28.79 0.86 0.00	29.59 0.91 0.00	29.38 0.99 0.00	31.94 1.09 0.00	31.27 1.10 0.00	33.19 1.24 0.00	44.17 1.58 0.00	59.33 1.99 0.00	43.43 1.59 0.00	38.45 1.48 0.00	40.23 1.64 0.00	33.85 1.39 0.00	34.88 1.42 0.00	32.11 1.33 0.00	91.33 3.08 -18.97	44.99 1.87 -1.82	39.95 1.60 -0.78	44.90 0.88 -23.32	32.24 0.42 -21.31	34.55 0.53 -20.47	32.31 1.20 0.00	32.63 1.14 0.00
COPENHAGEN_WT_PWR 323753	41.00 -0.24 0.00	33.69 -0.13 0.00	27.82 -0.11 0.00	27.88 -0.80 0.00	27.47 -0.92 0.00	30.36 -0.49 0.00	29.25 -0.93 0.00	31.14 -0.82 0.00	41.72 -0.87 0.00	56.32 -1.03 0.00	40.69 -1.15 0.00	35.83 -1.14 0.00	37.59 -1.00 0.00	31.50 -0.96 0.00	32.60 -0.86 0.00	29.40 -0.99 0.39	69.23 -1.53 -1.48	40.54 -0.90 -0.14	36.38 -1.26 -0.06	21.27 -1.09 -1.66	11.47 -0.62 -1.59	14.26 -0.82 -1.53	29.04 -2.08 0.00	24.89 -2.24 4.36
CORNELL_____ 23752	41.89 0.66 0.00	34.17 0.35 0.00	28.22 0.29 0.00	29.02 0.34 0.00	28.79 0.39 0.00	31.32 0.47 0.00	30.60 0.42 0.00	32.46 0.51 0.00	43.38 0.79 0.00	58.16 0.81 0.00	42.40 0.57 0.00	37.48 0.51 0.00	39.16 0.57 0.00	33.02 0.57 0.00	34.07 0.62 0.00	31.31 0.52 0.00	76.14 1.17 -5.69	42.96 0.82 -0.84	48.25 0.73 -9.94	45.35 0.37 -24.27	22.53 0.16 -11.87	27.77 0.18 -14.03	35.32 0.43 -3.79	31.93 0.44 0.00

CORONA V_69 KV_TB1 355595	43.88 2.64 0.00	36.03 2.21 0.00	29.57 1.64 0.00	30.49 1.81 0.00	30.21 1.81 0.00	32.83 1.98 0.00	32.19 2.02 0.00	34.23 2.28 0.00	45.51 2.92 0.00	61.27 3.93 0.00	45.01 3.17 0.00	47.31 2.92 -7.42	52.31 3.14 -10.58	35.08 2.62 0.00	36.18 2.72 0.00	33.15 2.36 0.00	109.60 5.46 -34.85	61.64 3.40 -16.94	41.60 3.07 -0.96	51.23 1.70 -28.82	37.70 0.86 -26.34	39.95 1.10 -25.30	33.65 2.54 0.00	33.86 2.37 0.00
CORTLAND_115KV_TB3 80093	41.69 0.45 0.00	34.02 0.20 0.00	28.12 0.19 0.00	28.92 0.24 0.00	28.68 0.29 0.00	31.19 0.34 0.00	30.46 0.28 0.00	32.30 0.35 0.00	43.19 0.61 0.00	57.92 0.58 0.00	42.22 0.38 0.00	37.31 0.34 0.00	38.96 0.37 0.00	32.87 0.41 0.00	33.90 0.45 0.00	31.16 0.38 0.00	74.61 0.88 -4.45	42.30 0.57 -0.42	40.67 0.43 -2.65	30.74 0.21 -9.83	17.04 0.08 -6.46	20.54 0.10 -6.89	32.36 0.22 -1.03	31.73 0.24 0.00
COXSACKIE__GT 23611	43.44 2.20 0.00	35.66 1.84 0.00	29.54 1.61 0.00	30.40 1.72 0.00	30.12 1.72 0.00	32.68 1.83 0.00	31.99 1.81 0.00	34.12 2.16 0.00	45.44 2.85 0.00	61.49 4.15 0.00	44.70 2.86 0.00	39.02 2.05 0.00	40.34 1.75 0.00	34.23 1.77 0.00	34.96 1.50 0.00	32.65 1.87 0.00	99.74 3.99 -26.47	44.85 1.04 -2.51	40.68 2.06 -1.04	53.50 1.42 -31.37	39.88 0.70 -28.67	41.96 0.87 -27.54	33.01 1.89 0.00	33.27 1.78 0.00
CPV_VALLEY__CC1 323721	42.30 1.06 0.00	34.71 0.89 0.00	28.62 0.69 0.00	29.42 0.73 0.00	29.20 0.80 0.00	31.74 0.89 0.00	31.08 0.90 0.00	32.99 1.04 0.00	43.88 1.29 0.00	58.94 1.60 0.00	43.14 1.31 0.00	38.21 1.24 0.00	39.97 1.38 0.00	33.62 1.16 0.00	34.63 1.18 0.00	31.89 1.10 0.00	90.96 2.50 -19.19	44.69 1.56 -1.83	39.74 1.40 -0.76	44.43 0.76 -22.96	31.86 0.37 -20.98	34.17 0.47 -20.15	32.16 1.04 0.00	32.49 1.00 0.00
CPV_VALLEY__CC2 323722	42.30 1.06 0.00	34.71 0.89 0.00	28.62 0.69 0.00	29.42 0.73 0.00	29.20 0.80 0.00	31.74 0.89 0.00	31.08 0.90 0.00	32.99 1.04 0.00	43.88 1.29 0.00	58.94 1.60 0.00	43.14 1.31 0.00	38.21 1.24 0.00	39.97 1.38 0.00	33.62 1.16 0.00	34.63 1.18 0.00	31.89 1.10 0.00	90.96 2.50 -19.19	44.69 1.56 -1.83	39.74 1.40 -0.76	44.43 0.76 -22.96	31.86 0.37 -20.98	34.17 0.47 -20.15	32.16 1.04 0.00	32.49 1.00 0.00
CRESCENT__HYD 24018	42.63 1.40 0.00	35.09 1.27 0.00	28.97 1.04 0.00	29.80 1.11 0.00	29.51 1.12 0.00	32.04 1.19 0.00	31.33 1.15 0.00	33.28 1.32 0.00	44.31 1.72 0.00	59.76 2.42 0.00	43.65 1.81 0.00	38.53 1.56 0.00	40.20 1.61 0.00	33.74 1.28 0.00	34.72 1.27 0.00	32.02 1.24 0.00	99.85 2.84 -27.73	45.49 1.55 -2.63	40.19 1.52 -1.09	54.40 0.88 -32.81	40.93 0.44 -29.98	42.92 0.57 -28.80	32.38 1.26 -0.01	32.71 1.22 0.00
CRICKET__VALLEY_CC1 323756	42.73 1.49 0.00	35.11 1.29 0.00	28.98 1.04 0.00	29.76 1.08 0.00	29.54 1.15 0.00	32.08 1.22 0.00	31.44 1.26 0.00	33.43 1.47 0.00	44.52 1.94 0.00	59.98 2.64 0.00	43.92 2.08 0.00	38.89 1.92 0.00	40.66 2.07 0.00	34.20 1.74 0.00	35.18 1.73 0.00	32.41 1.63 0.00	98.07 3.87 -24.92	46.00 2.33 -2.36	40.70 2.14 -0.98	51.42 1.17 -29.55	38.08 0.57 -27.00	40.22 0.73 -25.93	32.77 1.66 0.00	33.09 1.60 0.00
CRICKET__VALLEY_CC2 323757	42.73 1.49 0.00	35.11 1.29 0.00	28.98 1.04 0.00	29.76 1.08 0.00	29.54 1.15 0.00	32.08 1.22 0.00	31.44 1.26 0.00	33.43 1.47 0.00	44.52 1.94 0.00	59.98 2.64 0.00	43.92 2.08 0.00	38.89 1.92 0.00	40.66 2.07 0.00	34.20 1.74 0.00	35.18 1.73 0.00	32.41 1.63 0.00	98.07 3.87 -24.92	46.00 2.33 -2.36	40.70 2.14 -0.98	51.42 1.17 -29.55	38.08 0.57 -27.00	40.22 0.73 -25.93	32.77 1.66 0.00	33.09 1.60 0.00
CRICKET__VALLEY_CC3 323758	42.73 1.49 0.00	35.11 1.29 0.00	28.98 1.04 0.00	29.76 1.08 0.00	29.54 1.15 0.00	32.08 1.22 0.00	31.44 1.26 0.00	33.43 1.47 0.00	44.52 1.94 0.00	59.98 2.64 0.00	43.92 2.08 0.00	38.89 1.92 0.00	40.66 2.07 0.00	34.20 1.74 0.00	35.18 1.73 0.00	32.41 1.63 0.00	98.07 3.87 -24.92	46.00 2.33 -2.36	40.70 2.14 -0.98	51.42 1.17 -29.55	38.08 0.57 -27.00	40.22 0.73 -25.93	32.77 1.66 0.00	33.09 1.60 0.00
CRUCIBLE_METL_DRP 24180	41.15 -0.09 0.00	33.65 -0.17 0.00	27.79 -0.14 0.00	28.57 -0.12 0.00	28.32 -0.08 0.00	30.81 -0.04 0.00	30.11 -0.06 0.00	31.89 -0.07 0.00	42.54 -0.05 0.00	57.14 -0.20 0.00	41.66 -0.18 0.00	36.82 -0.15 0.00	38.46 -0.13 0.00	32.43 -0.03 0.00	33.43 -0.02 0.00	30.71 -0.04 0.04	71.76 -0.10 -2.58	41.55 0.01 -0.24	37.59 -0.10 -0.10	23.67 -0.06 -3.03	13.25 -0.03 -2.77	16.16 -0.05 -2.66	31.03 -0.08 0.00	31.04 -0.05 0.40
DAHOWA__HYDRO 323763	43.40 2.16 0.00	35.72 1.90 0.00	29.44 1.51 0.00	30.31 1.62 0.00	30.03 1.64 0.00	32.62 1.77 0.00	31.95 1.77 0.00	34.01 2.06 0.00	45.38 2.79 0.00	61.20 3.86 0.00	44.66 2.82 0.00	39.20 2.23 0.00	40.81 2.22 0.00	34.01 1.55 0.00	35.05 1.59 0.00	32.31 1.52 0.00	100.90 3.57 -28.05	45.95 1.98 -2.66	40.62 1.94 -1.10	54.98 1.09 -33.18	41.38 0.56 -30.32	43.39 0.71 -29.12	32.70 1.58 -0.01	32.98 1.49 0.00
DANC__LFGE 323619	40.85 -0.39 0.00	33.50 -0.32 0.00	27.67 -0.26 0.00	28.01 -0.68 0.00	27.66 -0.73 0.00	30.35 -0.50 0.00	29.41 -0.76 0.00	31.24 -0.72 0.00	41.82 -0.77 0.00	56.35 -0.99 0.00	40.84 -1.00 0.00	35.99 -0.97 0.00	37.72 -0.86 0.00	31.69 -0.77 0.00	32.74 -0.71 0.00	29.75 -0.77 0.27	69.63 -1.35 -1.70	40.66 -0.80 -0.16	36.63 -1.01 -0.07	21.85 -0.80 -1.94	11.89 -0.45 -1.83	14.73 -0.57 -1.75	29.69 -1.43 0.00	27.00 -1.51 2.98
DANSKAMMER__1 23586	43.63 2.39 0.00	35.79 1.97 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.69 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.10 2.15 0.00	45.40 2.81 0.00	61.09 3.74 0.00	44.73 2.89 0.00	39.58 2.61 0.00	41.36 2.77 0.00	34.81 2.35 0.00	35.82 2.37 0.00	33.02 2.23 0.00	98.77 5.23 -24.27	46.82 3.21 -2.30	41.47 2.93 -0.96	51.12 1.59 -28.82	37.62 0.77 -26.34	39.84 0.98 -25.30	33.33 2.22 0.00	33.61 2.12 0.00
DANSKAMMER__2 23589	43.63 2.39 0.00	35.79 1.97 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.69 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.10 2.15 0.00	45.40 2.81 0.00	61.09 3.74 0.00	44.73 2.89 0.00	39.58 2.61 0.00	41.36 2.77 0.00	34.81 2.35 0.00	35.82 2.37 0.00	33.02 2.23 0.00	98.77 5.23 -24.27	46.82 3.21 -2.30	41.47 2.93 -0.96	51.12 1.59 -28.82	37.62 0.77 -26.34	39.84 0.98 -25.30	33.33 2.22 0.00	33.61 2.12 0.00
DANSKAMMER__3 23590	43.63 2.39 0.00	35.79 1.97 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.69 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.10 2.15 0.00	45.40 2.81 0.00	61.09 3.74 0.00	44.73 2.89 0.00	39.58 2.61 0.00	41.36 2.77 0.00	34.81 2.35 0.00	35.82 2.37 0.00	33.02 2.23 0.00	98.77 5.23 -24.27	46.82 3.21 -2.30	41.47 2.93 -0.96	51.12 1.59 -28.82	37.62 0.77 -26.34	39.84 0.98 -25.30	33.33 2.22 0.00	33.61 2.12 0.00

DANSKAMMER___4 23591	43.63 2.39 0.00	35.79 1.97 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.69 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.10 2.15 0.00	45.40 2.81 0.00	61.09 3.74 0.00	44.73 2.89 0.00	39.58 2.61 0.00	41.36 2.77 0.00	34.81 2.35 0.00	35.82 2.37 0.00	33.02 2.23 0.00	98.77 5.23 -24.27	46.82 3.21 -2.30	41.47 2.93 -0.96	51.12 1.59 -28.82	37.62 0.77 -26.34	39.84 0.98 -25.30	33.33 2.22 0.00	33.61 2.12 0.00
DANSKAMMER___DIESEL 23592	43.63 2.39 0.00	35.79 1.97 0.00	29.48 1.55 0.00	30.30 1.62 0.00	30.09 1.69 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.10 2.15 0.00	45.40 2.81 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.58 2.61 0.00	41.36 2.77 0.00	34.80 2.35 0.00	35.82 2.37 0.00	33.02 2.23 0.00	98.81 5.26 -24.27	46.83 3.22 -2.30	41.47 2.93 -0.96	51.12 1.59 -28.82	37.62 0.77 -26.34	39.84 0.98 -25.30	33.33 2.22 0.00	33.61 2.12 0.00
DARBY___SOLAR 323810	43.21 1.97 0.00	35.58 1.76 0.00	29.33 1.40 0.00	30.19 1.50 0.00	29.91 1.51 0.00	32.49 1.64 0.00	31.81 1.63 0.00	33.85 1.89 0.00	45.13 2.54 0.00	60.87 3.53 0.00	44.41 2.57 0.00	39.02 2.05 0.00	40.64 2.05 0.00	33.89 1.44 0.00	34.92 1.46 0.00	32.20 1.41 0.00	100.64 3.36 -28.01	45.82 1.86 -2.66	40.49 1.81 -1.10	54.85 1.02 -33.12	41.30 0.52 -30.27	43.30 0.67 -29.08	32.59 1.48 -0.01	32.90 1.41 0.00
DASHVILLE___HYD 23610	43.11 1.87 0.00	35.37 1.55 0.00	29.11 1.18 0.00	29.91 1.22 0.00	29.70 1.30 0.00	32.29 1.44 0.00	31.68 1.51 0.00	33.66 1.70 0.00	44.82 2.24 0.00	60.29 2.95 0.00	44.20 2.36 0.00	39.15 2.18 0.00	40.92 2.33 0.00	34.46 2.00 0.00	35.54 2.08 0.00	32.64 1.86 0.00	98.12 4.30 -24.54	46.44 2.80 -2.33	41.04 2.49 -0.97	51.22 1.29 -29.22	37.83 0.63 -26.70	40.02 0.81 -25.65	32.99 1.87 0.00	33.28 1.79 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	44.82 3.58 0.00	36.63 2.81 0.00	29.83 1.90 0.00	31.06 2.37 0.00	30.51 2.11 0.00	33.10 2.24 0.00	32.50 2.32 0.00	34.28 2.33 0.00	45.21 2.62 0.00	61.02 3.68 0.00	44.87 3.03 0.00	44.12 2.99 -4.16	47.59 3.07 -5.93	34.85 2.39 0.00	35.91 2.45 0.00	32.82 2.03 0.00	101.82 5.35 -27.19	55.35 3.54 -10.51	41.55 3.01 -0.96	51.16 1.63 -28.82	37.66 0.81 -26.34	39.88 1.03 -25.30	33.70 2.58 0.00	33.75 2.27 0.00
DELAWARE___LFGE 323621	42.36 1.13 0.00	34.60 0.78 0.00	28.56 0.63 0.00	29.37 0.68 0.00	29.12 0.73 0.00	31.67 0.82 0.00	30.93 0.76 0.00	32.78 0.82 0.00	43.72 1.14 0.00	58.72 1.38 0.00	42.91 1.07 0.00	37.93 0.95 0.00	39.71 1.12 0.00	33.40 0.94 0.00	34.45 0.99 0.00	31.72 0.93 0.00	82.80 2.04 -11.49	43.71 1.33 -1.08	39.66 1.24 -0.84	34.84 0.65 -13.48	22.72 0.32 -11.89	25.49 0.40 -11.54	32.18 0.90 -0.18	32.35 0.86 0.00
DERFIELD_115KV_TB7 355931	41.39 0.15 0.00	33.95 0.14 0.00	28.04 0.11 0.00	28.77 0.09 0.00	28.45 0.06 0.00	30.91 0.06 0.00	30.24 0.06 0.00	32.02 0.06 0.00	42.67 0.09 0.00	57.50 0.16 0.00	41.96 0.12 0.00	37.07 0.10 0.00	38.67 0.08 0.00	32.50 0.05 0.00	33.50 0.04 0.00	30.83 0.04 0.00	69.75 0.13 -0.35	41.39 0.05 -0.03	37.67 0.08 -0.01	21.15 0.03 -0.41	10.90 0.01 -0.38	13.93 0.01 -0.36	31.13 0.02 0.00	31.49 0.01 0.00
DOGLEVILLE___HYD 23807	41.58 0.35 0.00	34.02 0.20 0.00	28.17 0.24 0.00	29.04 0.35 0.00	28.79 0.39 0.00	31.08 0.23 0.00	30.30 0.12 0.00	32.41 0.46 0.00	42.96 0.37 0.00	57.77 0.43 0.00	42.15 0.31 0.00	37.13 0.16 0.00	38.54 -0.05 0.00	32.13 -0.32 0.00	33.22 -0.23 0.00	30.99 0.20 0.00	70.34 0.71 -0.35	41.61 0.27 -0.03	38.04 0.44 -0.01	21.42 0.30 -0.41	10.98 0.09 -0.38	14.00 0.08 -0.36	31.23 0.12 0.00	31.47 -0.02 0.00
DUNKIRK___115KV_TB_200 55889	40.84 -0.40 0.00	33.23 -0.59 0.00	27.48 -0.45 0.00	28.31 -0.38 0.00	28.09 -0.30 0.00	30.59 -0.26 0.00	29.70 -0.48 0.00	30.72 -1.23 0.00	41.16 -1.43 0.00	55.00 -2.35 0.00	35.88 -2.20 3.76	35.07 -1.91 0.00	8.06 -2.28 28.25	30.76 -1.70 0.00	31.83 -1.63 0.00	28.90 -1.88 0.00	66.93 -5.25 -2.91	38.09 -2.62 0.59	31.09 -2.52 3.97	16.40 -1.41 2.89	12.59 -0.70 -2.78	14.40 -0.91 -1.75	28.26 -1.87 0.98	29.83 -1.66 0.00
DUNKIRK___1 23563	40.84 -0.40 0.00	33.23 -0.59 0.00	27.48 -0.45 0.00	28.31 -0.38 0.00	28.09 -0.30 0.00	30.59 -0.26 0.00	29.70 -0.48 0.00	30.72 -1.23 0.00	41.16 -1.43 0.00	55.00 -2.35 0.00	35.88 -2.20 3.76	35.07 -1.91 0.00	8.06 -2.28 28.25	30.76 -1.70 0.00	31.83 -1.63 0.00	28.90 -1.88 0.00	66.93 -5.25 -2.91	38.09 -2.62 0.59	31.09 -2.52 3.97	16.40 -1.41 2.89	12.59 -0.70 -2.78	14.40 -0.91 -1.75	28.26 -1.87 0.98	29.83 -1.66 0.00
DUNKIRK___2 23564	40.84 -0.40 0.00	33.23 -0.59 0.00	27.48 -0.45 0.00	28.31 -0.38 0.00	28.09 -0.30 0.00	30.59 -0.26 0.00	29.70 -0.48 0.00	30.72 -1.23 0.00	41.16 -1.43 0.00	55.00 -2.35 0.00	35.88 -2.20 3.76	35.07 -1.91 0.00	8.06 -2.28 28.25	30.76 -1.70 0.00	31.83 -1.63 0.00	28.90 -1.88 0.00	66.93 -5.25 -2.91	38.09 -2.62 0.59	31.09 -2.52 3.97	16.40 -1.41 2.89	12.59 -0.70 -2.78	14.40 -0.91 -1.75	28.26 -1.87 0.98	29.83 -1.66 0.00
DUNKIRK___3 23565	40.73 -0.51 0.00	33.13 -0.69 0.00	27.40 -0.53 0.00	28.22 -0.46 0.00	28.03 -0.37 0.00	30.50 -0.35 0.00	29.62 -0.56 0.00	30.67 -1.28 0.00	41.10 -1.49 0.00	54.98 -2.36 0.00	37.53 -2.18 2.13	35.08 -1.89 0.00	20.36 -2.24 15.99	30.81 -1.65 0.00	31.87 -1.59 0.00	28.94 -1.84 0.00	66.79 -5.22 -2.74	38.02 -2.58 0.69	30.99 -2.50 4.09	16.13 -1.39 3.19	12.57 -0.70 -2.76	14.38 -0.90 -1.73	28.29 -1.87 0.96	29.83 -1.66 0.00
DUNKIRK___4 23566	40.73 -0.51 0.00	33.13 -0.69 0.00	27.40 -0.53 0.00	28.22 -0.46 0.00	28.03 -0.37 0.00	30.50 -0.35 0.00	29.62 -0.56 0.00	30.67 -1.28 0.00	41.10 -1.49 0.00	54.98 -2.36 0.00	37.53 -2.18 2.13	35.08 -1.89 0.00	20.36 -2.24 15.99	30.81 -1.65 0.00	31.87 -1.59 0.00	28.94 -1.84 0.00	66.79 -5.22 -2.74	38.02 -2.58 0.69	30.99 -2.50 4.09	16.13 -1.39 3.19	12.57 -0.70 -2.76	14.38 -0.90 -1.73	28.29 -1.87 0.96	29.83 -1.66 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.55 2.31 0.00	35.75 1.93 0.00	29.42 1.49 0.00	30.24 1.55 0.00	30.04 1.64 0.00	32.63 1.78 0.00	31.99 1.82 0.00	33.99 2.03 0.00	45.21 2.62 0.00	60.80 3.46 0.00	44.53 2.69 0.00	39.46 2.49 0.00	41.31 2.72 0.00	34.76 2.30 0.00	35.78 2.33 0.00	32.91 2.12 0.00	98.56 5.00 -24.29	46.67 3.06 -2.31	41.29 2.75 -0.96	51.03 1.50 -28.82	37.58 0.74 -26.34	39.81 0.95 -25.30	33.31 2.19 0.00	33.60 2.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.46 2.22 0.00	35.66 1.84 0.00	29.37 1.44 0.00	30.18 1.49 0.00	29.98 1.58 0.00	32.59 1.74 0.00	31.96 1.79 0.00	33.97 2.01 0.00	45.21 2.62 0.00	60.77 3.43 0.00	44.51 2.67 0.00	39.38 2.41 0.00	41.15 2.57 0.00	34.62 2.16 0.00	35.67 2.22 0.00	32.85 2.07 0.00	98.11 4.92 -23.91	46.62 3.05 -2.27	41.27 2.75 -0.94	50.62 1.49 -28.42	37.20 0.72 -25.97	39.42 0.92 -24.95	33.18 2.06 0.00	33.46 1.97 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	43.67 2.43 0.00	35.77 1.95 0.00	29.46 1.53 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.65 1.79 0.00	32.04 1.87 0.00	34.01 2.06 0.00	45.24 2.66 0.00	60.89 3.55 0.00	44.61 2.78 0.00	39.52 2.55 0.00	41.42 2.83 0.00	34.84 2.38 0.00	35.85 2.40 0.00	32.95 2.17 0.00	98.69 5.13 -24.29	46.82 3.21 -2.31	41.38 2.84 -0.96	51.09 1.56 -28.82	37.65 0.80 -26.34	39.87 1.02 -25.30	33.44 2.33 0.00	33.72 2.23 0.00
E179THST_13_KV_LOAD 356214	43.83 2.60 0.00	35.91 2.09 0.00	29.56 1.63 0.00	30.41 1.73 0.00	30.20 1.80 0.00	32.77 1.91 0.00	32.16 1.99 0.00	34.14 2.18 0.00	45.41 2.83 0.00	61.15 3.81 0.00	44.80 2.96 0.00	39.69 2.72 0.00	41.61 3.02 0.00	35.00 2.54 0.00	36.02 2.56 0.00	33.10 2.32 0.00	99.04 5.47 -24.29	47.03 3.42 -2.31	41.57 3.03 -0.96	51.19 1.66 -28.82	37.70 0.85 -26.34	39.93 1.08 -25.30	33.59 2.47 0.00	33.85 2.36 0.00
EAST HAMPTON___GT 23717	45.23 4.00 0.00	36.85 3.03 0.00	29.86 1.93 0.00	31.24 2.56 0.00	30.54 2.14 0.00	33.05 2.20 0.00	32.32 2.14 0.00	33.86 1.90 0.00	44.51 1.92 0.00	60.12 2.78 0.00	44.27 2.43 0.00	43.55 2.43 -4.16	47.00 2.48 -5.93	34.31 1.86 0.00	35.35 1.89 0.00	32.31 1.52 0.00	100.65 4.19 -27.19	54.59 2.77 -10.51	40.99 2.45 -0.96	50.84 1.31 -28.82	37.49 0.64 -26.34	39.66 0.81 -25.30	33.18 2.06 0.00	33.19 1.71 0.00
EAST RIVER___6 23660	43.71 2.47 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.61 0.00	30.09 1.70 0.00	32.69 1.84 0.00	32.05 1.87 0.00	34.06 2.10 0.00	45.29 2.70 0.00	60.91 3.57 0.00	44.66 2.82 0.00	39.58 2.62 0.00	41.46 2.87 0.00	34.92 2.46 0.00	35.94 2.48 0.00	33.04 2.25 0.00	98.82 5.25 -24.29	46.85 3.25 -2.31	41.45 2.91 -0.96	51.11 1.58 -28.82	37.63 0.78 -26.34	39.87 1.01 -25.30	33.45 2.33 0.00	33.73 2.25 0.00
EAST RIVER___7 23524	43.71 2.47 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.61 0.00	30.09 1.70 0.00	32.69 1.84 0.00	32.05 1.87 0.00	34.06 2.10 0.00	45.29 2.70 0.00	60.91 3.57 0.00	44.66 2.82 0.00	39.58 2.62 0.00	41.46 2.87 0.00	34.92 2.46 0.00	35.94 2.48 0.00	33.04 2.25 0.00	98.82 5.25 -24.29	46.85 3.25 -2.31	41.45 2.91 -0.96	51.11 1.58 -28.82	37.63 0.78 -26.34	39.87 1.01 -25.30	33.45 2.33 0.00	33.73 2.25 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.46 2.22 0.00	35.65 1.83 0.00	29.34 1.41 0.00	30.16 1.47 0.00	29.96 1.56 0.00	32.55 1.69 0.00	31.91 1.73 0.00	33.91 1.96 0.00	45.13 2.54 0.00	60.68 3.34 0.00	44.45 2.61 0.00	39.37 2.40 0.00	41.21 2.62 0.00	34.67 2.21 0.00	35.69 2.24 0.00	32.84 2.05 0.00	98.36 4.82 -24.26	46.58 2.98 -2.30	41.20 2.67 -0.96	50.96 1.46 -28.79	37.54 0.71 -26.31	39.74 0.92 -25.27	33.20 2.08 0.00	33.48 1.99 0.00
EAST_HAMPTON___DIESEL 23722	45.24 4.01 0.00	36.84 3.02 0.00	29.83 1.90 0.00	31.23 2.55 0.00	30.51 2.11 0.00	33.01 2.16 0.00	32.27 2.10 0.00	33.77 1.82 0.00	44.38 1.79 0.00	59.93 2.60 0.00	44.14 2.30 0.00	43.43 2.30 -4.16	46.88 2.35 -5.93	34.21 1.75 0.00	35.25 1.79 0.00	32.21 1.43 0.00	100.40 3.93 -27.19	54.46 2.64 -10.51	40.87 2.33 -0.96	50.78 1.25 -28.82	37.46 0.61 -26.34	39.62 0.77 -25.30	33.08 1.97 0.00	33.09 1.61 0.00
EAST_POINT___SOLAR 323840	44.01 2.77 0.00	36.02 2.20 0.00	29.60 1.67 0.00	30.28 1.59 0.00	29.96 1.57 0.00	32.62 1.77 0.00	32.01 1.83 0.00	33.91 1.95 0.00	45.18 2.59 0.00	60.78 3.44 0.00	44.06 2.22 0.00	38.68 1.71 0.00	40.51 1.92 0.00	33.79 1.33 0.00	35.01 1.55 0.00	32.52 1.73 0.00	104.09 4.21 -30.60	46.87 2.67 -2.90	41.31 2.53 -1.20	58.09 1.31 -36.08	44.13 0.65 -32.97	46.04 0.82 -31.67	32.87 1.75 -0.01	33.20 1.71 0.00
EAST_PULASKI___ESR 323781	40.72 -0.52 0.00	33.35 -0.46 0.00	27.57 -0.37 0.00	28.16 -0.53 0.00	27.88 -0.51 0.00	30.40 -0.45 0.00	29.62 -0.55 0.00	31.39 -0.56 0.00	41.97 -0.62 0.00	56.46 -0.88 0.00	41.04 -0.79 0.00	36.21 -0.75 0.00	37.91 -0.68 0.00	31.92 -0.54 0.00	32.90 -0.55 0.00	30.12 -0.52 0.14	70.15 -1.05 -1.92	40.86 -0.63 -0.18	36.95 -0.71 -0.07	22.44 -0.49 -2.22	12.31 -0.26 -2.06	15.20 -0.33 -1.98	30.33 -0.78 0.00	29.12 -0.77 1.60
EAST_RIVER___1 323558	43.71 2.47 0.00	35.85 2.02 0.00	29.50 1.57 0.00	30.30 1.61 0.00	30.10 1.71 0.00	32.69 1.84 0.00	32.05 1.87 0.00	34.05 2.09 0.00	45.30 2.72 0.00	60.92 3.58 0.00	44.65 2.81 0.00	39.56 2.59 0.00	41.45 2.86 0.00	34.90 2.45 0.00	35.92 2.46 0.00	33.02 2.23 0.00	98.76 5.20 -24.29	46.81 3.20 -2.31	41.41 2.88 -0.96	51.10 1.57 -28.82	37.62 0.78 -26.34	39.86 1.01 -25.30	33.44 2.32 0.00	33.74 2.25 0.00
EAST_RIVER___2 323559	43.71 2.47 0.00	35.85 2.02 0.00	29.48 1.56 0.00	30.29 1.61 0.00	30.09 1.70 0.00	32.69 1.84 0.00	32.05 1.87 0.00	34.06 2.10 0.00	45.29 2.70 0.00	60.91 3.57 0.00	44.66 2.82 0.00	39.58 2.62 0.00	41.46 2.87 0.00	34.92 2.46 0.00	35.94 2.48 0.00	33.04 2.25 0.00	98.82 5.25 -24.29	46.85 3.25 -2.31	41.45 2.91 -0.96	51.11 1.58 -28.82	37.63 0.78 -26.34	39.87 1.01 -25.30	33.45 2.33 0.00	33.73 2.25 0.00
EAST___DELAWARE_HYD 23607	42.81 1.58 0.00	35.07 1.25 0.00	28.88 0.95 0.00	29.67 0.98 0.00	29.49 1.09 0.00	32.08 1.23 0.00	31.45 1.28 0.00	33.43 1.47 0.00	44.49 1.90 0.00	59.82 2.48 0.00	43.86 2.02 0.00	38.76 1.79 0.00	40.50 1.91 0.00	34.01 1.55 0.00	35.06 1.61 0.00	32.30 1.52 0.00	95.18 3.77 -22.13	45.82 2.40 -2.11	40.66 2.19 -0.89	48.73 1.17 -26.85	35.60 0.55 -24.54	37.82 0.70 -23.57	32.67 1.55 0.00	32.92 1.43 0.00
EIGHT_POINT___WT_PWR 323820	40.46 -0.78 0.00	32.99 -0.83 0.00	27.31 -0.62 0.00	28.16 -0.52 0.00	27.81 -0.58 0.00	30.23 -0.62 0.00	29.22 -0.95 0.00	30.83 -1.12 0.00	41.27 -1.32 0.00	54.15 -3.19 0.00	39.67 -2.79 -0.61	34.50 -2.46 0.00	41.30 -1.89 -4.60	31.03 -1.42 0.00	31.74 -1.71 0.00	28.63 -2.15 0.00	71.91 -6.04 -8.68	41.68 -3.18 -3.55	34.82 -3.28 -0.51	25.70 -1.78 -6.77	11.55 -0.97 -2.01	13.58 -1.25 -1.28	26.29 -2.65 2.17	29.07 -2.42 0.00
ELBRIDGE_115KV_TB2 80188	40.95 -0.28 0.00	33.49 -0.33 0.00	27.64 -0.29 0.00	28.42 -0.27 0.00	28.17 -0.22 0.00	30.67 -0.19 0.00	29.97 -0.21 0.00	31.74 -0.21 0.00	42.31 -0.28 0.00	56.85 -0.49 0.00	41.44 -0.40 0.00	36.63 -0.33 0.00	38.28 -0.31 0.00	32.26 -0.20 0.00	33.27 -0.18 0.00	30.59 -0.19 0.00	71.48 -0.51 -2.72	41.35 -0.21 -0.26	37.37 -0.31 -0.11	23.72 -0.19 -3.21	13.35 -0.09 -2.93	16.25 -0.11 -2.81	30.89 -0.22 0.00	31.28 -0.21 0.00
ELEC_TRO_TEK 24086	43.71 2.47 0.00	35.90 2.08 0.00	29.46 1.54 0.00	30.39 1.71 0.00	30.11 1.71 0.00	32.73 1.88 0.00	32.09 1.92 0.00	34.12 2.17 0.00	45.36 2.77 0.00	61.07 3.73 0.00	44.86 3.02 0.00	47.06 2.78 -7.32	52.01 2.98 -10.44	34.94 2.47 0.00	36.04 2.59 0.00	33.02 2.24 0.00	107.16 5.18 -32.71	61.29 3.25 -16.74	41.46 2.92 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.90 1.04 -25.30	33.52 2.41 0.00	33.73 2.24 0.00

ELLENBURG_WT_PWR 323604	41.95 0.71 0.00	34.60 0.78 0.00	28.20 0.27 0.00	27.97 -0.71 0.00	27.10 -1.30 0.00	29.53 -1.32 0.00	29.26 -0.92 0.00	30.38 -1.58 0.00	40.55 -2.04 0.00	55.59 -1.75 0.00	40.48 -1.36 0.00	35.38 -1.59 0.00	36.25 -2.34 0.00	30.11 -2.35 0.00	31.13 -2.32 0.00	25.66 -3.05 2.07	63.36 -6.40 -0.48	36.69 -4.66 -0.05	33.84 -3.76 -0.02	18.79 -2.04 -0.12	10.21 -0.81 -0.52	12.97 -1.09 -0.50	28.40 -2.71 0.00	5.42 -2.99 23.08
ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.13 -1.11 0.00	32.67 -1.15 0.00	27.00 -0.93 0.00	27.79 -0.90 0.00	27.63 -0.77 0.00	30.07 -0.79 0.00	29.23 -0.95 0.00	30.27 -1.69 0.00	40.55 -2.04 0.00	54.41 -2.93 0.00	38.83 -2.56 0.45	34.79 -2.18 0.00	32.72 -2.44 3.43	30.64 -1.82 0.00	31.70 -1.75 0.00	28.81 -1.97 0.00	66.33 -5.55 -2.61	37.78 -2.81 0.72	30.90 -2.70 3.98	16.15 -1.45 3.12	12.51 -0.71 -2.72	14.33 -0.95 -1.72	28.22 -1.99 0.90	29.73 -1.77 0.00
EMPIRE_CC_1 323656	41.97 0.73 0.00	34.65 0.83 0.00	28.63 0.71 0.00	29.46 0.78 0.00	29.20 0.80 0.00	31.70 0.84 0.00	30.94 0.76 0.00	32.80 0.84 0.00	43.62 1.04 0.00	58.81 1.48 0.00	42.98 1.14 0.00	38.01 1.04 0.00	39.67 1.08 0.00	33.36 0.90 0.00	34.32 0.87 0.00	31.66 0.87 0.00	97.91 1.90 -26.74	44.86 1.02 -2.54	39.66 1.03 -1.05	52.98 0.61 -31.65	39.75 0.32 -28.92	41.75 0.41 -27.78	32.00 0.88 0.00	32.34 0.85 0.00
EMPIRE_CC_2 323658	41.97 0.73 0.00	34.65 0.83 0.00	28.63 0.71 0.00	29.46 0.78 0.00	29.20 0.80 0.00	31.70 0.84 0.00	30.94 0.76 0.00	32.80 0.84 0.00	43.62 1.04 0.00	58.81 1.48 0.00	42.98 1.14 0.00	38.01 1.04 0.00	39.67 1.08 0.00	33.36 0.90 0.00	34.32 0.87 0.00	31.66 0.87 0.00	97.91 1.90 -26.74	44.86 1.02 -2.54	39.66 1.03 -1.05	52.98 0.61 -31.65	39.75 0.32 -28.92	41.75 0.41 -27.78	32.00 0.88 0.00	32.34 0.85 0.00
ENORWICH_115KV_TB1 80156	46.73 5.50 0.00	37.77 3.95 0.00	31.01 3.08 0.00	31.97 3.28 0.00	31.89 3.50 0.00	34.94 4.09 0.00	33.68 3.51 0.00	35.40 3.45 0.00	47.10 4.51 0.00	62.94 5.60 0.00	46.11 4.27 0.00	40.59 3.62 0.00	41.76 3.18 0.00	34.93 2.48 0.00	36.17 2.71 0.00	33.75 2.97 0.00	87.22 6.49 -11.45	46.13 3.76 -1.06	43.65 2.18 -3.89	37.37 1.03 -15.64	21.35 0.43 -10.42	25.04 0.52 -10.96	33.60 1.13 -1.36	32.61 1.12 0.00
ERIE_ST__34_KV_TB1-2 80199	41.10 -0.14 0.00	33.38 -0.44 0.00	27.61 -0.32 0.00	28.43 -0.26 0.00	28.32 -0.08 0.00	30.77 -0.08 0.00	29.89 -0.28 0.00	31.09 -0.87 0.00	41.70 -0.89 0.00	56.03 -1.31 0.00	40.54 -1.30 0.00	35.90 -1.07 0.00	37.24 -1.35 0.00	31.59 -0.87 0.00	32.68 -0.77 0.00	29.70 -1.09 0.00	68.59 -3.61 -2.92	39.14 -1.62 0.54	32.19 -1.63 3.76	17.27 -0.87 2.57	12.85 -0.47 -2.81	14.78 -0.60 -1.82	29.01 -1.17 0.93	30.50 -0.99 0.00
ERIE_WT_PWR 323693	40.47 -0.77 0.00	32.93 -0.86 0.03	27.24 -0.68 0.01	28.07 -0.62 0.00	27.88 -0.51 0.00	30.31 -0.54 0.00	29.47 -0.71 0.00	30.53 -1.42 0.00	40.93 -1.66 0.00	54.89 -2.45 0.00	39.60 -2.24 0.00	35.11 -1.86 0.00	36.46 -2.13 0.00	30.89 -1.57 0.00	31.93 -1.52 0.00	29.01 -1.78 0.00	66.89 -5.12 -2.74	38.14 -2.49 0.67	31.14 -2.48 3.96	16.39 -1.33 2.99	12.61 -0.66 -2.76	14.43 -0.88 -1.76	28.33 -1.85 0.93	29.91 -1.58 0.00
ESPRGFLD_115KV_TB1 80157	43.45 2.22 0.00	35.47 1.66 0.00	29.14 1.21 0.00	29.79 1.10 0.00	29.54 1.14 0.00	32.15 1.30 0.00	31.49 1.31 0.00	33.25 1.30 0.00	44.38 1.80 0.00	59.63 2.29 0.00	43.43 1.60 0.00	38.37 1.40 0.00	40.18 1.59 0.00	33.65 1.20 0.00	34.71 1.26 0.00	31.97 1.19 0.00	73.78 2.59 -1.91	43.25 1.77 -0.18	39.20 1.56 -0.06	23.39 0.74 -1.94	12.65 0.37 -1.77	15.71 0.45 -1.70	32.06 0.95 0.00	32.44 0.95 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.85 0.61 0.00	34.13 0.31 0.00	28.19 0.26 0.00	28.99 0.30 0.00	28.75 0.35 0.00	31.29 0.44 0.00	30.56 0.39 0.00	32.43 0.48 0.00	43.32 0.73 0.00	58.09 0.75 0.00	42.36 0.52 0.00	37.44 0.46 0.00	39.12 0.52 0.00	32.99 0.53 0.00	34.03 0.57 0.00	31.28 0.49 0.00	75.96 1.10 -5.58	42.85 0.76 -0.78	46.30 0.69 -8.04	41.84 0.34 -20.79	21.34 0.14 -10.68	26.10 0.17 -12.38	34.55 0.40 -3.04	31.89 0.41 0.00
ETNA____115KV_TB2 80207	41.85 0.61 0.00	34.13 0.31 0.00	28.19 0.26 0.00	28.99 0.30 0.00	28.75 0.35 0.00	31.29 0.44 0.00	30.56 0.39 0.00	32.43 0.48 0.00	43.32 0.73 0.00	58.09 0.75 0.00	42.36 0.52 0.00	37.44 0.46 0.00	39.12 0.52 0.00	32.99 0.53 0.00	34.03 0.57 0.00	31.28 0.49 0.00	75.96 1.10 -5.58	42.85 0.76 -0.78	46.30 0.69 -8.04	41.84 0.34 -20.79	21.34 0.14 -10.68	26.10 0.17 -12.38	34.55 0.40 -3.04	31.89 0.41 0.00
EUCLID____115KV_TB2 356179	40.64 -0.59 0.00	33.27 -0.55 0.00	27.49 -0.44 0.00	28.26 -0.43 0.00	28.00 -0.39 0.00	30.45 -0.40 0.00	29.75 -0.42 0.00	31.49 -0.47 0.00	42.02 -0.57 0.00	56.49 -0.85 0.00	41.17 -0.67 0.00	36.38 -0.59 0.00	37.99 -0.60 0.00	32.02 -0.44 0.00	33.02 -0.43 0.00	30.32 -0.42 0.04	70.44 -1.00 -2.17	40.97 -0.54 -0.20	37.11 -0.55 -0.08	22.94 -0.31 -2.54	12.67 -0.16 -2.33	15.58 -0.20 -2.24	30.68 -0.43 0.00	30.64 -0.39 0.46
E_CANADA_CAP_HY 24051	43.46 2.22 0.00	35.58 1.76 0.00	29.20 1.27 0.00	29.81 1.12 0.00	29.48 1.08 0.00	32.08 1.23 0.00	31.46 1.28 0.00	33.25 1.30 0.00	44.31 1.72 0.00	59.64 2.30 0.00	43.29 1.45 0.00	38.17 1.20 0.00	40.00 1.41 0.00	33.45 0.99 0.00	34.52 1.07 0.00	31.89 1.10 0.00	103.50 2.43 -31.79	45.98 1.67 -3.01	40.45 1.62 -1.24	58.92 0.79 -37.42	45.11 0.40 -34.20	46.92 0.52 -32.85	32.22 1.11 -0.01	32.58 1.09 0.00
E_CANADA_MHWK_HY 24050	41.58 0.35 0.00	34.02 0.20 0.00	28.17 0.24 0.00	29.04 0.35 0.00	28.79 0.39 0.00	31.08 0.23 0.00	30.30 0.12 0.00	32.41 0.46 0.00	42.96 0.37 0.00	57.77 0.43 0.00	42.15 0.31 0.00	37.13 0.16 0.00	38.54 -0.05 0.00	32.13 -0.32 0.00	33.22 -0.23 0.00	30.99 0.20 0.00	70.34 0.71 -0.35	41.61 0.27 -0.03	38.04 0.44 -0.01	21.42 0.30 -0.41	10.98 0.09 -0.38	14.00 0.08 -0.36	31.23 0.12 0.00	31.47 -0.02 0.00
E_FISHKILL____LBMP 23776	43.10 1.87 0.00	35.38 1.56 0.00	29.17 1.24 0.00	29.97 1.28 0.00	29.75 1.35 0.00	32.32 1.47 0.00	31.68 1.50 0.00	33.66 1.71 0.00	44.80 2.22 0.00	60.28 2.94 0.00	44.15 2.31 0.00	39.08 2.11 0.00	40.89 2.30 0.00	34.39 1.94 0.00	35.40 1.95 0.00	32.59 1.81 0.00	98.07 4.26 -24.53	46.24 2.60 -2.33	40.89 2.35 -0.97	51.09 1.28 -29.11	37.74 0.63 -26.60	39.91 0.80 -25.55	32.95 1.83 0.00	33.25 1.76 0.00
FALCON____SEABRD_CC1 323796	42.47 1.23 0.00	35.03 1.21 0.00	28.52 0.59 0.00	28.33 -0.36 0.00	27.39 -1.00 0.00	29.86 -0.99 0.00	29.61 -0.56 0.00	30.79 -1.17 0.00	41.04 -1.54 0.00	56.22 -1.12 0.00	41.00 -0.85 0.00	35.88 -1.09 0.00	36.71 -1.88 0.00	30.50 -1.96 0.00	31.54 -1.91 0.00	26.02 -2.70 2.07	64.14 -5.62 -0.49	37.10 -4.24 -0.05	34.22 -3.38 -0.02	19.03 -1.81 -0.13	10.34 -0.69 -0.52	13.11 -0.94 -0.50	28.81 -2.31 0.00	5.89 -2.57 23.03

FALCON___SEABRD_CC2 323797	42.47 1.23 0.00	35.03 1.21 0.00	28.52 0.59 0.00	28.33 -0.36 0.00	27.39 -1.00 0.00	29.86 -0.99 0.00	29.61 -0.56 0.00	30.79 -1.17 0.00	41.04 -1.54 0.00	56.22 -1.12 0.00	41.00 -0.85 0.00	35.88 -1.09 0.00	36.71 -1.88 0.00	30.50 -1.96 0.00	31.54 -1.91 0.00	26.02 -2.70 2.07	64.14 -5.62 -0.49	37.10 -4.24 -0.05	34.22 -3.38 -0.02	19.03 -1.81 -0.13	10.34 -0.69 -0.52	13.11 -0.94 -0.50	28.81 -2.31 0.00	5.89 -2.57 23.03
FAR ROCKAWAY___4 23548	44.17 2.93 0.00	36.27 2.44 0.00	29.75 1.82 0.00	30.68 2.00 0.00	30.39 2.00 0.00	33.05 2.20 0.00	32.41 2.23 0.00	34.46 2.50 0.00	45.82 3.23 0.00	61.70 4.36 0.00	45.32 3.48 0.00	46.87 3.20 -6.70	51.57 3.43 -9.56	35.31 2.85 0.00	36.42 2.97 0.00	33.37 2.58 0.00	109.46 5.99 -34.19	60.56 3.74 -15.52	41.92 3.38 -0.96	51.39 1.86 -28.82	37.79 0.94 -26.34	40.05 1.19 -25.30	33.89 2.77 0.00	34.08 2.59 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.74 2.50 0.00	35.88 2.06 0.00	29.52 1.59 0.00	30.33 1.64 0.00	30.13 1.73 0.00	32.72 1.87 0.00	32.08 1.90 0.00	34.08 2.12 0.00	45.34 2.76 0.00	60.97 3.63 0.00	44.68 2.84 0.00	39.59 2.62 0.00	41.48 2.88 0.00	34.92 2.46 0.00	35.94 2.49 0.00	33.04 2.25 0.00	98.86 5.30 -24.29	46.86 3.25 -2.31	41.44 2.91 -0.96	51.12 1.59 -28.82	37.63 0.79 -26.34	39.87 1.02 -25.30	33.47 2.35 0.00	33.75 2.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.76 2.53 0.00	35.90 2.08 0.00	29.54 1.61 0.00	30.34 1.65 0.00	30.14 1.75 0.00	32.74 1.88 0.00	32.09 1.91 0.00	34.10 2.14 0.00	45.36 2.78 0.00	60.92 3.58 0.00	44.64 2.80 0.00	39.59 2.62 0.00	41.47 2.88 0.00	34.92 2.46 0.00	35.93 2.48 0.00	33.03 2.25 0.00	98.85 5.29 -24.29	46.85 3.24 -2.31	41.44 2.90 -0.96	51.11 1.59 -28.82	37.63 0.78 -26.34	39.87 1.02 -25.30	33.46 2.34 0.00	33.75 2.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.72 2.49 0.00	35.86 2.04 0.00	29.51 1.58 0.00	30.31 1.62 0.00	30.12 1.72 0.00	32.70 1.85 0.00	32.07 1.89 0.00	34.06 2.11 0.00	45.32 2.74 0.00	60.95 3.60 0.00	44.66 2.82 0.00	39.57 2.60 0.00	41.46 2.87 0.00	34.90 2.44 0.00	35.93 2.47 0.00	33.02 2.24 0.00	98.80 5.23 -24.29	46.83 3.22 -2.31	41.42 2.88 -0.96	51.10 1.57 -28.82	37.63 0.78 -26.34	39.87 1.02 -25.30	33.45 2.33 0.00	33.73 2.25 0.00
FARRAGUT___LBMP 323566	43.69 2.45 0.00	35.85 2.02 0.00	29.49 1.56 0.00	30.30 1.61 0.00	30.10 1.70 0.00	32.69 1.84 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.78 0.00	39.54 2.57 0.00	41.42 2.84 0.00	34.88 2.42 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.17 -24.29	46.79 3.18 -2.31	41.39 2.86 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.31 0.00	33.71 2.23 0.00
FENNER___WINDPWR 24204	41.94 0.70 0.00	34.34 0.52 0.00	28.39 0.46 0.00	29.13 0.44 0.00	28.86 0.46 0.00	31.41 0.56 0.00	30.65 0.48 0.00	32.45 0.50 0.00	43.40 0.81 0.00	58.36 1.02 0.00	42.49 0.65 0.00	37.47 0.50 0.00	39.05 0.46 0.00	32.94 0.48 0.00	34.00 0.55 0.00	31.20 0.47 0.05	73.49 1.21 -3.00	42.27 0.68 -0.28	39.57 0.46 -1.53	27.02 0.18 -6.13	14.76 0.07 -4.18	18.04 0.08 -4.41	31.85 0.15 -0.58	31.02 0.12 0.59
FIBERTEK___ENERGY 23856	41.15 -0.09 0.00	33.65 -0.17 0.00	27.79 -0.14 0.00	28.57 -0.12 0.00	28.32 -0.08 0.00	30.81 -0.04 0.00	30.11 -0.06 0.00	31.89 -0.07 0.00	42.54 -0.05 0.00	57.14 -0.20 0.00	41.66 -0.18 0.00	36.82 -0.15 0.00	38.46 -0.13 0.00	32.43 -0.03 0.00	33.43 -0.02 0.00	30.71 -0.04 0.04	71.76 -0.10 -2.58	41.55 0.01 -0.24	37.59 -0.10 -0.10	23.67 -0.06 -3.03	13.25 -0.03 -2.77	16.16 -0.05 -2.66	31.03 -0.08 0.00	31.04 -0.05 0.40
FITZPATRICK____ 23598	40.11 -1.13 0.00	32.85 -0.97 0.00	27.15 -0.78 0.00	27.89 -0.79 0.00	27.62 -0.77 0.00	30.02 -0.83 0.00	29.35 -0.82 0.00	31.05 -0.91 0.00	41.40 -1.19 0.00	55.70 -1.64 0.00	40.59 -1.24 0.00	35.87 -1.10 0.00	37.46 -1.13 0.00	31.53 -0.93 0.00	32.53 -0.93 0.00	29.91 -0.88 0.00	68.79 -2.01 -1.52	40.29 -1.16 -0.14	36.55 -1.09 -0.06	21.88 -0.60 -1.78	11.83 -0.30 -1.62	14.74 -0.37 -1.56	30.29 -0.82 0.00	30.72 -0.76 0.00
FLOWRFLD_69_KV_BK1 356044	44.07 2.84 0.00	36.20 2.38 0.00	29.63 1.70 0.00	30.66 1.97 0.00	30.30 1.90 0.00	32.96 2.10 0.00	32.38 2.20 0.00	34.43 2.48 0.00	45.67 3.08 0.00	61.58 4.24 0.00	45.28 3.45 0.00	44.43 3.28 -4.18	47.97 3.42 -5.96	35.24 2.78 0.00	36.36 2.90 0.00	33.23 2.45 0.00	102.42 5.92 -27.22	55.61 3.76 -10.55	41.82 3.28 -0.96	51.35 1.82 -28.82	37.76 0.91 -26.34	40.02 1.17 -25.30	33.94 2.83 0.00	34.06 2.57 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.70 2.47 0.00	35.85 2.03 0.00	29.53 1.60 0.00	30.35 1.66 0.00	30.13 1.74 0.00	32.76 1.91 0.00	32.12 1.95 0.00	34.14 2.19 0.00	45.47 2.89 0.00	61.18 3.84 0.00	44.81 2.97 0.00	39.65 2.68 0.00	41.43 2.84 0.00	34.86 2.40 0.00	35.89 2.43 0.00	33.07 2.28 0.00	98.96 5.36 -24.32	46.90 3.29 -2.31	41.53 2.99 -0.96	51.21 1.62 -28.88	37.69 0.79 -26.39	39.91 1.01 -25.35	33.38 2.27 0.00	33.66 2.17 0.00
FORT ORANGE____ 23900	41.93 0.69 0.00	34.48 0.66 0.00	28.55 0.62 0.00	29.37 0.68 0.00	29.10 0.71 0.00	31.55 0.70 0.00	30.85 0.67 0.00	32.79 0.83 0.00	43.59 1.00 0.00	58.81 1.47 0.00	42.92 1.08 0.00	37.86 0.90 0.00	39.51 0.92 0.00	33.27 0.81 0.00	34.18 0.73 0.00	31.64 0.85 0.00	98.53 1.93 -27.32	44.91 1.02 -2.59	39.68 1.03 -1.07	53.65 0.61 -32.34	40.36 0.30 -29.55	42.32 0.38 -28.38	31.95 0.83 -0.01	32.25 0.75 0.00
FORT_DRUM_COGEN 23780	41.23 0.00 0.00	33.85 0.03 0.00	27.90 -0.03 0.00	28.00 -0.68 0.00	27.61 -0.78 0.00	30.47 -0.38 0.00	29.46 -0.71 0.00	31.29 -0.67 0.00	41.91 -0.68 0.00	56.56 -0.78 0.00	40.87 -0.97 0.00	35.96 -1.01 0.00	37.74 -0.85 0.00	31.68 -0.78 0.00	32.77 -0.68 0.00	29.53 -0.81 0.44	69.51 -1.16 -1.39	40.69 -0.74 -0.13	36.64 -1.00 -0.05	21.35 -0.90 -1.54	11.48 -0.52 -1.50	14.30 -0.69 -1.44	29.30 -1.81 0.00	24.61 -1.97 4.91
FOX_HILLS___ESR 323835	43.70 2.46 0.00	35.84 2.02 0.00	29.47 1.54 0.00	30.27 1.59 0.00	30.09 1.69 0.00	32.68 1.82 0.00	32.06 1.88 0.00	34.06 2.11 0.00	45.29 2.71 0.00	60.89 3.55 0.00	44.58 2.74 0.00	39.45 2.48 0.00	41.37 2.78 0.00	34.81 2.35 0.00	35.83 2.38 0.00	32.96 2.17 0.00	98.77 5.21 -24.29	46.81 3.20 -2.31	41.38 2.84 -0.96	51.09 1.57 -28.82	37.63 0.78 -26.34	39.85 1.00 -25.30	33.39 2.27 0.00	33.66 2.18 0.00
FPL FAR_ROCK_GT1 24212	44.17 2.93 0.00	36.26 2.44 0.00	29.75 1.82 0.00	30.68 2.00 0.00	30.39 2.00 0.00	33.05 2.20 0.00	32.41 2.24 0.00	34.45 2.50 0.00	45.82 3.23 0.00	61.70 4.35 0.00	45.32 3.48 0.00	46.87 3.20 -6.70	51.57 3.42 -9.56	35.31 2.85 0.00	36.43 2.97 0.00	33.36 2.58 0.00	109.35 5.88 -34.19	60.51 3.69 -15.52	41.92 3.38 -0.96	51.40 1.87 -28.82	37.79 0.94 -26.34	40.05 1.19 -25.30	33.89 2.77 0.00	34.08 2.59 0.00



FPL FAR_ROCK_GT2 23815	44.17 2.93 0.00	36.26 2.44 0.00	29.75 1.82 0.00	30.68 2.00 0.00	30.39 2.00 0.00	33.05 2.20 0.00	32.41 2.24 0.00	34.45 2.50 0.00	45.82 3.23 0.00	61.70 4.35 0.00	45.32 3.48 0.00	46.87 3.20 -6.70	51.57 3.42 -9.56	35.31 2.85 0.00	36.43 2.97 0.00	33.36 2.58 0.00	109.35 5.88 -34.19	60.51 3.69 -15.52	41.92 3.38 -0.96	51.40 1.87 -28.82	37.79 0.94 -26.34	40.05 1.19 -25.30	33.89 2.77 0.00	34.08 2.59 0.00
FRANKLIN_FALL_HYD 24054	42.22 0.99 0.00	34.80 0.98 0.00	28.37 0.44 0.00	28.13 -0.55 0.00	27.32 -1.08 0.00	29.80 -1.05 0.00	29.50 -0.68 0.00	30.67 -1.28 0.00	41.01 -1.58 0.00	56.25 -1.09 0.00	40.88 -0.96 0.00	35.77 -1.20 0.00	36.75 -1.84 0.00	30.56 -1.90 0.00	31.61 -1.85 0.00	26.26 -2.59 1.94	64.72 -5.09 -0.54	37.55 -3.80 -0.05	34.60 -2.99 -0.02	19.27 -1.66 -0.22	10.45 -0.64 -0.58	13.24 -0.87 -0.56	28.87 -2.24 0.00	7.47 -2.44 21.58
FREEPORT_EQUS_GT1 23764	43.93 2.70 0.00	36.07 2.25 0.00	29.58 1.65 0.00	30.54 1.85 0.00	30.24 1.84 0.00	32.87 2.01 0.00	32.25 2.07 0.00	34.29 2.33 0.00	45.58 2.99 0.00	61.38 4.04 0.00	45.09 3.25 0.00	45.53 2.99 -5.57	49.78 3.24 -7.95	35.15 2.69 0.00	36.25 2.80 0.00	33.20 2.41 0.00	105.32 5.39 -30.65	57.93 3.33 -13.30	41.66 3.13 -0.96	51.29 1.76 -28.82	37.73 0.89 -26.34	39.98 1.13 -25.30	33.75 2.63 0.00	33.93 2.44 0.00
FREEPORT___CT2 23818	43.93 2.70 0.00	36.07 2.25 0.00	29.58 1.65 0.00	30.54 1.85 0.00	30.24 1.84 0.00	32.87 2.01 0.00	32.25 2.07 0.00	34.29 2.33 0.00	45.58 2.99 0.00	61.38 4.04 0.00	45.09 3.25 0.00	45.53 2.99 -5.57	49.78 3.24 -7.95	35.15 2.69 0.00	36.25 2.80 0.00	33.20 2.41 0.00	105.32 5.39 -30.65	57.93 3.33 -13.30	41.66 3.13 -0.96	51.29 1.76 -28.82	37.73 0.89 -26.34	39.98 1.13 -25.30	33.75 2.63 0.00	33.93 2.44 0.00
FRESHKLS_33_KV_LOAD 356253	43.64 2.40 0.00	35.80 1.98 0.00	29.43 1.50 0.00	30.24 1.55 0.00	30.05 1.65 0.00	32.64 1.79 0.00	32.03 1.85 0.00	34.02 2.07 0.00	45.23 2.64 0.00	60.79 3.45 0.00	44.48 2.64 0.00	39.35 2.38 0.00	41.26 2.68 0.00	34.72 2.26 0.00	35.74 2.28 0.00	32.88 2.10 0.00	98.65 5.08 -24.29	46.74 3.13 -2.31	41.30 2.76 -0.96	51.06 1.53 -28.82	37.61 0.77 -26.34	39.83 0.98 -25.30	33.34 2.22 0.00	33.62 2.13 0.00
FULTON COGEN____ 23766	40.54 -0.69 0.00	33.17 -0.64 0.00	27.42 -0.51 0.00	28.18 -0.51 0.00	27.93 -0.47 0.00	30.36 -0.49 0.00	29.67 -0.51 0.00	31.41 -0.55 0.00	41.92 -0.67 0.00	56.34 -1.00 0.00	41.01 -0.82 0.00	36.28 -0.69 0.00	37.89 -0.70 0.00	31.89 -0.57 0.00	32.91 -0.54 0.00	30.23 -0.50 0.05	70.21 -1.15 -2.08	40.89 -0.61 -0.20	37.04 -0.63 -0.08	22.78 -0.35 -2.43	12.55 -0.19 -2.23	15.46 -0.24 -2.14	30.61 -0.51 0.00	30.46 -0.46 0.58
FULTON___LFGE 323630	43.56 2.32 0.00	35.68 1.86 0.00	29.34 1.41 0.00	30.04 1.36 0.00	29.73 1.34 0.00	32.34 1.49 0.00	31.72 1.55 0.00	33.61 1.66 0.00	44.74 2.16 0.00	60.26 2.92 0.00	43.65 1.81 0.00	38.45 1.48 0.00	40.17 1.58 0.00	33.39 0.94 0.00	34.49 1.03 0.00	32.22 1.44 0.00	103.09 3.51 -30.30	46.40 2.22 -2.87	40.88 2.12 -1.19	57.55 1.11 -35.73	43.72 0.56 -32.66	45.62 0.70 -31.37	32.62 1.50 -0.01	32.94 1.45 0.00
G.F.CEMENT___DRP 24184	43.65 2.41 0.00	36.02 2.20 0.00	29.64 1.72 0.00	30.55 1.86 0.00	30.27 1.87 0.00	32.87 2.02 0.00	32.23 2.05 0.00	34.38 2.42 0.00	45.91 3.33 0.00	61.90 4.56 0.00	45.16 3.32 0.00	39.54 2.57 0.00	41.05 2.46 0.00	34.00 1.54 0.00	35.02 1.57 0.00	32.29 1.50 0.00	101.01 3.60 -28.13	45.93 1.96 -2.67	40.62 1.94 -1.11	55.05 1.08 -33.27	41.46 0.56 -30.40	43.47 0.72 -29.20	32.69 1.57 -0.01	32.95 1.46 0.00
GARDENVILLE___LBMP 24039	40.33 -0.90 0.00	32.83 -0.99 0.00	27.13 -0.80 0.00	27.93 -0.75 0.00	27.77 -0.62 0.00	30.21 -0.64 0.00	29.35 -0.82 0.00	30.43 -1.53 0.00	40.76 -1.83 0.00	54.68 -2.66 0.00	38.96 -2.38 0.50	34.94 -2.03 0.00	32.52 -2.29 3.79	30.77 -1.68 0.00	31.83 -1.63 0.00	28.92 -1.86 0.00	66.50 -5.33 -2.55	37.83 -2.66 0.82	30.75 -2.58 4.26	15.76 -1.39 3.56	12.55 -0.69 -2.74	14.33 -0.91 -1.69	28.27 -1.90 0.94	29.80 -1.69 0.00
GARDNVLA_35_KV_LD 355827	40.52 -0.71 0.00	32.97 -0.84 0.00	27.26 -0.67 0.00	28.07 -0.62 0.00	27.90 -0.49 0.00	30.35 -0.51 0.00	29.50 -0.68 0.00	30.58 -1.38 0.00	40.97 -1.61 0.00	54.96 -2.38 0.00	39.67 -2.17 0.00	35.15 -1.82 0.00	36.49 -2.09 0.00	30.94 -1.52 0.00	32.00 -1.45 0.00	29.07 -1.71 0.00	67.16 -4.93 -2.81	38.26 -2.44 0.61	31.33 -2.39 3.85	16.63 -1.29 2.78	12.64 -0.64 -2.77	14.48 -0.85 -1.78	28.43 -1.76 0.93	29.95 -1.54 0.00
GELCKHM___115KV_LOAD 80723	40.84 -0.40 0.00	33.42 -0.40 0.00	27.60 -0.33 0.00	28.38 -0.31 0.00	28.12 -0.28 0.00	30.58 -0.27 0.00	29.88 -0.30 0.00	31.63 -0.32 0.00	42.21 -0.38 0.00	56.73 -0.61 0.00	41.36 -0.48 0.00	36.54 -0.42 0.00	38.17 -0.42 0.00	32.17 -0.29 0.00	33.18 -0.28 0.00	30.47 -0.28 0.04	70.93 -2.32 -2.32	41.19 -0.33 -0.22	37.30 -0.38 -0.09	23.20 -0.22 -2.72	12.88 -0.11 -2.49	15.80 -0.15 -2.39	30.81 -0.30 0.00	30.80 -0.26 0.43
GENERAL___MILLS 23808	40.47 -0.77 0.00	32.94 -0.88 0.00	27.22 -0.71 0.00	28.03 -0.66 0.00	27.87 -0.52 0.00	30.32 -0.54 0.00	29.46 -0.72 0.00	30.53 -1.42 0.00	40.93 -1.66 0.00	54.88 -2.47 0.00	39.61 -2.23 0.00	35.09 -1.87 0.00	36.45 -2.14 0.00	30.90 -1.56 0.00	31.94 -1.51 0.00	29.03 -1.75 0.00	66.96 -5.06 -2.74	38.14 -2.50 0.67	31.17 -2.45 3.96	16.40 -1.31 2.99	12.61 -0.66 -2.76	14.44 -0.87 -1.76	28.38 -1.80 0.93	29.91 -1.58 0.00
GE_PLASTICS___DRP 24183	41.87 0.64 0.00	34.42 0.60 0.00	28.47 0.54 0.00	29.29 0.61 0.00	29.02 0.62 0.00	31.48 0.62 0.00	30.78 0.61 0.00	32.68 0.73 0.00	43.46 0.87 0.00	58.58 1.24 0.00	42.78 0.94 0.00	37.80 0.83 0.00	39.47 0.88 0.00	33.21 0.75 0.00	34.17 0.71 0.00	31.55 0.77 0.00	98.28 1.71 -27.30	44.83 0.93 -2.59	39.56 0.91 -1.07	53.55 0.53 -32.31	40.30 0.27 -29.53	42.25 0.34 -28.36	31.87 0.75 -0.01	32.19 0.70 0.00
GILBOA___1 23756	42.15 0.91 0.00	34.59 0.77 0.00	28.56 0.63 0.00	29.45 0.76 0.00	29.12 0.72 0.00	31.61 0.76 0.00	30.93 0.75 0.00	32.82 0.86 0.00	43.70 1.11 0.00	58.81 1.47 0.00	42.98 1.14 0.00	38.00 1.03 0.00	39.71 1.12 0.00	33.40 0.94 0.00	34.39 0.94 0.00	31.68 0.90 0.00	93.38 1.87 -22.23	44.56 1.15 -2.11	39.52 1.07 -0.87	47.60 0.59 -26.30	34.85 0.31 -24.03	37.03 0.39 -23.08	32.01 0.89 0.00	32.34 0.85 0.00
GILBOA___2 23757	42.15 0.91 0.00	34.59 0.77 0.00	28.56 0.63 0.00	29.45 0.76 0.00	29.12 0.72 0.00	31.61 0.76 0.00	30.93 0.75 0.00	32.82 0.86 0.00	43.70 1.11 0.00	58.81 1.47 0.00	42.98 1.14 0.00	38.00 1.03 0.00	39.71 1.12 0.00	33.40 0.94 0.00	34.39 0.94 0.00	31.68 0.90 0.00	93.38 1.87 -22.23	44.56 1.15 -2.11	39.52 1.07 -0.87	47.60 0.59 -26.30	34.85 0.31 -24.03	37.03 0.39 -23.08	32.01 0.89 0.00	32.34 0.85 0.00

GILBOA___3 23758	42.15 0.91 0.00	34.59 0.77 0.00	28.56 0.63 0.00	29.45 0.76 0.00	29.12 0.72 0.00	31.61 0.76 0.00	30.93 0.75 0.00	32.82 0.86 0.00	43.70 1.11 0.00	58.81 1.47 0.00	42.98 1.14 0.00	38.00 1.03 0.00	39.71 1.12 0.00	33.40 0.94 0.00	34.39 0.94 0.00	31.68 0.90 0.00	93.38 1.87 -22.23	44.56 1.15 -2.11	39.52 1.07 -0.87	47.60 0.59 -26.30	34.85 0.31 -24.03	37.03 0.39 -23.08	32.01 0.89 0.00	32.34 0.85 0.00
GILBOA___4 23759	42.15 0.91 0.00	34.59 0.77 0.00	28.56 0.63 0.00	29.45 0.76 0.00	29.12 0.72 0.00	31.61 0.76 0.00	30.93 0.75 0.00	32.82 0.86 0.00	43.70 1.11 0.00	58.81 1.47 0.00	42.98 1.14 0.00	38.00 1.03 0.00	39.71 1.12 0.00	33.40 0.94 0.00	34.39 0.94 0.00	31.68 0.90 0.00	93.38 1.87 -22.23	44.56 1.15 -2.11	39.52 1.07 -0.87	47.60 0.59 -26.30	34.85 0.31 -24.03	37.03 0.39 -23.08	32.01 0.89 0.00	32.34 0.85 0.00
GILBOA___ 23599	42.15 0.91 0.00	34.59 0.77 0.00	28.56 0.63 0.00	29.45 0.76 0.00	29.11 0.72 0.00	31.61 0.76 0.00	30.93 0.75 0.00	32.82 0.86 0.00	43.70 1.12 0.00	58.81 1.47 0.00	42.98 1.14 0.00	38.00 1.03 0.00	39.71 1.12 0.00	33.40 0.94 0.00	34.40 0.94 0.00	31.69 0.90 0.00	93.41 1.91 -22.23	44.56 1.15 -2.11	39.52 1.07 -0.87	47.60 0.59 -26.30	34.85 0.31 -24.03	37.03 0.39 -23.08	32.01 0.89 0.00	32.34 0.85 0.00
GINNA___ 23603	38.72 -2.52 0.00	31.61 -2.20 0.01	26.10 -1.82 0.00	26.84 -1.85 0.00	26.63 -1.76 0.00	28.99 -1.87 0.00	28.32 -1.86 0.00	29.71 -2.24 0.00	39.69 -2.90 0.00	53.51 -3.83 0.00	38.84 -3.00 0.00	34.35 -2.62 0.00	35.87 -2.72 0.00	30.25 -2.21 0.00	31.29 -2.17 0.00	28.66 -2.13 0.00	67.07 -5.11 -2.90	38.72 -2.86 -0.27	33.82 -2.72 1.05	20.49 -1.49 -1.28	12.11 -0.74 -2.35	14.50 -0.99 -1.93	28.41 -2.22 0.48	29.35 -2.14 0.00
GLEN PARK___ 23778	41.33 0.10 0.00	33.91 0.10 0.00	27.94 0.01 0.00	28.07 -0.62 0.00	27.73 -0.67 0.00	30.58 -0.27 0.00	29.60 -0.57 0.00	31.43 -0.52 0.00	42.09 -0.50 0.00	56.75 -0.59 0.00	40.96 -0.88 0.00	36.03 -0.94 0.00	37.85 -0.74 0.00	31.80 -0.65 0.00	32.93 -0.53 0.00	29.70 -0.67 0.42	69.86 -0.85 -1.44	40.90 -0.54 -0.14	36.82 -0.81 -0.06	21.50 -0.81 -1.60	11.58 -0.47 -1.54	14.40 -0.63 -1.48	29.45 -1.66 0.00	25.01 -1.83 4.65
GLENDALE_27_KV_LOAD 356172	43.92 2.68 0.00	36.02 2.20 0.00	29.63 1.70 0.00	30.44 1.76 0.00	30.24 1.85 0.00	32.84 1.98 0.00	32.20 2.03 0.00	34.22 2.27 0.00	45.54 2.95 0.00	61.26 3.92 0.00	44.87 3.03 0.00	39.75 2.78 0.00	41.66 3.07 0.00	35.06 2.61 0.00	36.08 2.63 0.00	33.17 2.39 0.00	99.16 5.59 -24.29	47.06 3.45 -2.31	41.62 3.08 -0.96	51.22 1.69 -28.82	37.70 0.85 -26.34	39.94 1.09 -25.30	33.59 2.48 0.00	33.87 2.38 0.00
GLENWOOD_IC_1_G5 23712	43.81 2.57 0.00	35.96 2.15 0.00	29.55 1.62 0.00	30.43 1.75 0.00	30.18 1.79 0.00	32.81 1.95 0.00	32.17 1.99 0.00	34.20 2.25 0.00	45.49 2.91 0.00	61.26 3.92 0.00	44.92 3.08 0.00	46.99 2.86 -7.17	51.89 3.07 -10.23	35.02 2.57 0.00	36.10 2.65 0.00	33.11 2.33 0.00	107.28 5.47 -32.53	61.16 3.40 -16.45	41.58 3.04 -0.96	51.20 1.67 -28.82	37.68 0.83 -26.34	39.92 1.07 -25.30	33.57 2.45 0.00	33.80 2.32 0.00
GLENWOOD_IC_2_G1 23688	43.63 2.39 0.00	35.82 2.00 0.00	29.45 1.52 0.00	30.31 1.62 0.00	30.07 1.68 0.00	32.68 1.83 0.00	32.05 1.87 0.00	34.06 2.10 0.00	45.31 2.72 0.00	60.97 3.62 0.00	44.70 2.86 0.00	39.92 2.64 -0.31	41.89 2.86 -0.44	34.86 2.40 0.00	35.92 2.46 0.00	32.98 2.19 0.00	99.02 5.09 -24.64	47.37 3.16 -2.91	41.39 2.86 -0.96	51.10 1.57 -28.82	37.63 0.78 -26.34	39.85 1.00 -25.30	33.40 2.29 0.00	33.66 2.17 0.00
GLENWOOD_IC_3_G1 23689	43.63 2.39 0.00	35.82 2.00 0.00	29.45 1.52 0.00	30.31 1.62 0.00	30.07 1.68 0.00	32.68 1.83 0.00	32.05 1.87 0.00	34.06 2.10 0.00	45.31 2.72 0.00	60.97 3.62 0.00	44.70 2.86 0.00	39.92 2.64 -0.31	41.89 2.86 -0.44	34.86 2.40 0.00	35.92 2.46 0.00	32.98 2.19 0.00	99.02 5.09 -24.64	47.37 3.16 -2.91	41.39 2.86 -0.96	51.10 1.57 -28.82	37.63 0.78 -26.34	39.85 1.00 -25.30	33.40 2.29 0.00	33.66 2.17 0.00
GLENWOOD___4 23550	43.81 2.57 0.00	35.96 2.15 0.00	29.55 1.62 0.00	30.43 1.75 0.00	30.18 1.79 0.00	32.81 1.95 0.00	32.17 1.99 0.00	34.20 2.25 0.00	45.49 2.91 0.00	61.26 3.92 0.00	44.92 3.08 0.00	46.99 2.86 -7.17	51.89 3.07 -10.23	35.02 2.57 0.00	36.10 2.65 0.00	33.11 2.33 0.00	107.28 5.47 -32.53	61.16 3.40 -16.45	41.58 3.04 -0.96	51.20 1.67 -28.82	37.68 0.83 -26.34	39.92 1.07 -25.30	33.57 2.45 0.00	33.80 2.32 0.00
GLENWOOD___5 23614	43.81 2.57 0.00	35.96 2.15 0.00	29.55 1.62 0.00	30.43 1.75 0.00	30.18 1.79 0.00	32.81 1.95 0.00	32.17 1.99 0.00	34.20 2.25 0.00	45.49 2.91 0.00	61.26 3.92 0.00	44.92 3.08 0.00	46.99 2.86 -7.17	51.89 3.07 -10.23	35.02 2.57 0.00	36.10 2.65 0.00	33.11 2.33 0.00	107.28 5.47 -32.53	61.16 3.40 -16.45	41.58 3.04 -0.96	51.20 1.67 -28.82	37.68 0.83 -26.34	39.92 1.07 -25.30	33.57 2.45 0.00	33.80 2.32 0.00
GLOBAL GREEN_PORT_GT1 23814	45.11 3.88 0.00	36.81 3.00 0.00	29.91 1.98 0.00	31.21 2.53 0.00	30.59 2.20 0.00	33.16 2.31 0.00	32.51 2.33 0.00	34.19 2.23 0.00	45.04 2.45 0.00	60.81 3.47 0.00	44.74 2.90 0.00	44.00 2.88 -4.16	47.47 2.95 -5.93	34.73 2.27 0.00	35.77 2.32 0.00	32.68 1.90 0.00	101.46 4.99 -27.19	55.07 3.26 -10.51	41.43 2.89 -0.96	51.08 1.55 -28.82	37.62 0.77 -26.34	39.83 0.97 -25.30	33.55 2.44 0.00	33.60 2.10 0.00
GLOBE___DSASP 323697	38.86 -2.38 0.00	31.68 -2.14 0.00	26.16 -1.77 0.00	26.92 -1.77 0.00	26.75 -1.65 0.00	29.11 -1.75 0.00	28.31 -1.87 0.00	29.19 -2.77 0.00	39.05 -3.54 0.00	52.52 -4.82 0.00	37.91 -3.93 0.00	33.59 -3.37 0.00	34.97 -3.62 0.00	29.65 -2.81 0.00	30.72 -2.73 0.00	27.93 -2.86 0.00	64.36 -7.65 -2.73	36.81 -4.04 0.45	30.58 -3.75 3.24	16.77 -1.96 1.97	12.18 -0.98 -2.65	14.08 -1.27 -1.79	27.53 -2.78 0.80	28.97 -2.52 0.00
GOETHSLN___LBMP 323567	43.64 2.40 0.00	35.80 1.98 0.00	29.43 1.50 0.00	30.22 1.54 0.00	30.04 1.65 0.00	32.63 1.78 0.00	32.00 1.82 0.00	33.99 2.04 0.00	45.20 2.61 0.00	60.76 3.42 0.00	44.52 2.68 0.00	39.44 2.47 0.00	41.32 2.73 0.00	34.79 2.33 0.00	35.80 2.35 0.00	32.93 2.14 0.00	98.58 5.02 -24.29	46.72 3.11 -2.31	41.31 2.77 -0.96	51.04 1.51 -28.82	37.59 0.75 -26.34	39.82 0.97 -25.30	33.34 2.23 0.00	33.63 2.14 0.00
GOLAH___69_KV_TB 1_2 80279	40.58 -0.66 0.00	33.08 -0.74 0.00	27.32 -0.61 0.00	28.07 -0.61 0.00	27.93 -0.46 0.00	30.41 -0.45 0.00	29.70 -0.48 0.00	31.01 -0.95 0.00	41.42 -1.17 0.00	55.76 -1.58 0.00	40.45 -1.39 0.00	35.74 -1.23 0.00	37.26 -1.33 0.00	31.51 -0.94 0.00	32.61 -0.84 0.00	29.80 -0.99 0.00	69.39 -2.75 -2.86	40.13 -1.31 -0.14	34.81 -1.29 1.48	20.61 -0.70 -0.61	12.54 -0.35 -2.37	14.93 -0.49 -1.87	29.54 -1.02 0.55	30.59 -0.90 0.00

GOODYEAR_LAKE_HYD 323669	42.99 1.75 0.00	35.07 1.26 0.00	28.89 0.97 0.00	29.66 0.98 0.00	29.44 1.04 0.00	32.03 1.18 0.00	31.32 1.14 0.00	33.14 1.18 0.00	44.23 1.65 0.00	59.40 2.06 0.00	43.39 1.55 0.00	38.36 1.40 0.00	40.16 1.57 0.00	33.69 1.23 0.00	34.74 1.29 0.00	31.99 1.20 0.00	80.63 2.66 -8.70	43.85 1.73 -0.81	39.42 1.52 -0.32	31.11 0.77 -9.63	19.69 0.37 -8.80	22.47 0.46 -8.46	32.12 1.01 0.00	32.47 0.99 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.73 0.49 0.00	33.96 0.14 0.00	28.09 0.16 0.00	28.92 0.24 0.00	28.70 0.30 0.00	31.20 0.34 0.00	30.42 0.25 0.00	32.29 0.33 0.00	43.20 0.61 0.00	57.85 0.51 0.00	42.20 0.36 0.00	37.30 0.33 0.00	38.91 0.32 0.00	32.87 0.41 0.00	33.87 0.41 0.00	31.10 0.31 0.00	78.20 0.59 -8.33	42.56 0.46 -0.81	38.44 0.32 -0.54	30.71 0.16 -9.84	19.17 0.05 -8.61	21.91 0.06 -8.30	31.26 0.15 0.00	31.68 0.19 0.00
GOUDEY___7 23579	41.73 0.49 0.00	33.96 0.14 0.00	28.09 0.16 0.00	28.92 0.24 0.00	28.70 0.30 0.00	31.20 0.34 0.00	30.42 0.25 0.00	32.29 0.33 0.00	43.20 0.61 0.00	57.85 0.51 0.00	42.20 0.36 0.00	37.30 0.33 0.00	38.91 0.32 0.00	32.87 0.41 0.00	33.87 0.41 0.00	31.10 0.31 0.00	78.20 0.59 -8.33	42.56 0.46 -0.81	38.44 0.32 -0.54	30.71 0.16 -9.84	19.17 0.05 -8.61	21.91 0.06 -8.30	31.26 0.15 0.00	31.68 0.19 0.00
GOUDEY___8 23580	41.73 0.49 0.00	33.96 0.14 0.00	28.09 0.16 0.00	28.92 0.24 0.00	28.70 0.30 0.00	31.20 0.34 0.00	30.42 0.25 0.00	32.29 0.33 0.00	43.20 0.61 0.00	57.85 0.51 0.00	42.20 0.36 0.00	37.30 0.33 0.00	38.91 0.32 0.00	32.87 0.41 0.00	33.87 0.41 0.00	31.10 0.31 0.00	78.20 0.59 -8.33	42.56 0.46 -0.81	38.44 0.32 -0.54	30.71 0.16 -9.84	19.17 0.05 -8.61	21.91 0.06 -8.30	31.26 0.15 0.00	31.68 0.19 0.00
GOWANUS_GT1_1 24077	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT1_2 24078	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT1_3 24079	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT1_4 24080	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT1_5 24084	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT1_6 24111	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT1_7 24112	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT1_8 24113	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT2_1 24114	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.65 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.41 2.82 0.00	61.06 3.71 0.00	44.70 2.87 0.00	39.59 2.63 0.00	41.50 2.91 0.00	34.93 2.48 0.00	35.94 2.48 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.91 3.30 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT2_2 24115	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.65 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.41 2.82 0.00	61.06 3.71 0.00	44.70 2.87 0.00	39.59 2.63 0.00	41.50 2.91 0.00	34.93 2.48 0.00	35.94 2.48 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.91 3.30 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT2_3 24116	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.65 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.41 2.82 0.00	61.06 3.71 0.00	44.70 2.87 0.00	39.59 2.63 0.00	41.50 2.91 0.00	34.93 2.48 0.00	35.94 2.48 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.91 3.30 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00

GOWANUS_GT2_4 24117	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.65 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.41 2.82 0.00	61.06 3.71 0.00	44.70 2.87 0.00	39.59 2.63 0.00	41.50 2.91 0.00	34.93 2.48 0.00	35.94 2.48 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.91 3.30 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT2_5 24118	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.65 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.41 2.82 0.00	61.06 3.71 0.00	44.70 2.87 0.00	39.59 2.63 0.00	41.50 2.91 0.00	34.93 2.48 0.00	35.94 2.48 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.91 3.30 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT2_6 24119	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.65 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.41 2.82 0.00	61.06 3.71 0.00	44.70 2.87 0.00	39.59 2.63 0.00	41.50 2.91 0.00	34.93 2.48 0.00	35.94 2.48 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.91 3.30 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT2_7 24120	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.65 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.41 2.82 0.00	61.06 3.71 0.00	44.70 2.87 0.00	39.59 2.63 0.00	41.50 2.91 0.00	34.93 2.48 0.00	35.94 2.48 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.91 3.30 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT2_8 24121	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.65 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.41 2.82 0.00	61.06 3.71 0.00	44.70 2.87 0.00	39.59 2.63 0.00	41.50 2.91 0.00	34.93 2.48 0.00	35.94 2.48 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.91 3.30 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT3_1 24122	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT3_2 24123	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT3_3 24124	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT3_4 24125	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT3_5 24126	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT3_6 24127	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT3_7 24128	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT3_8 24129	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GOWANUS_GT4_1 24130	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.40 2.82 0.00	61.05 3.71 0.00	44.71 2.87 0.00	39.59 2.62 0.00	41.50 2.91 0.00	34.93 2.47 0.00	35.94 2.49 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.92 3.31 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT4_2 24131	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.40 2.82 0.00	61.05 3.71 0.00	44.71 2.87 0.00	39.59 2.62 0.00	41.50 2.91 0.00	34.93 2.47 0.00	35.94 2.49 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.92 3.31 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00

GOWANUS_GT4_3 24132	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.40 2.82 0.00	61.05 3.71 0.00	44.71 2.87 0.00	39.59 2.62 0.00	41.50 2.91 0.00	34.93 2.47 0.00	35.94 2.49 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.92 3.31 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT4_4 24133	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.40 2.82 0.00	61.05 3.71 0.00	44.71 2.87 0.00	39.59 2.62 0.00	41.50 2.91 0.00	34.93 2.47 0.00	35.94 2.49 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.92 3.31 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT4_5 24134	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.40 2.82 0.00	61.05 3.71 0.00	44.71 2.87 0.00	39.59 2.62 0.00	41.50 2.91 0.00	34.93 2.47 0.00	35.94 2.49 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.92 3.31 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT4_6 24135	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.40 2.82 0.00	61.05 3.71 0.00	44.71 2.87 0.00	39.59 2.62 0.00	41.50 2.91 0.00	34.93 2.47 0.00	35.94 2.49 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.92 3.31 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT4_7 24136	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.40 2.82 0.00	61.05 3.71 0.00	44.71 2.87 0.00	39.59 2.62 0.00	41.50 2.91 0.00	34.93 2.47 0.00	35.94 2.49 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.92 3.31 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GOWANUS_GT4_8 24137	43.80 2.56 0.00	35.92 2.10 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.75 1.90 0.00	32.12 1.95 0.00	34.13 2.18 0.00	45.40 2.82 0.00	61.05 3.71 0.00	44.71 2.87 0.00	39.59 2.62 0.00	41.50 2.91 0.00	34.93 2.47 0.00	35.94 2.49 0.00	33.05 2.27 0.00	98.94 5.38 -24.29	46.92 3.31 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.89 1.04 -25.30	33.49 2.37 0.00	33.75 2.26 0.00
GREENBSH_115KV_TB3 55895	41.67 0.44 0.00	34.29 0.47 0.00	28.39 0.47 0.00	29.21 0.53 0.00	28.93 0.54 0.00	31.37 0.52 0.00	30.67 0.50 0.00	32.58 0.63 0.00	43.30 0.71 0.00	58.40 1.06 0.00	42.65 0.81 0.00	37.68 0.70 0.00	39.34 0.75 0.00	33.11 0.65 0.00	34.05 0.59 0.00	31.48 0.70 0.00	98.19 1.50 -27.41	44.70 0.80 -2.60	39.45 0.79 -1.08	53.61 0.47 -32.44	40.38 0.23 -29.64	42.32 0.30 -28.47	31.76 0.65 -0.01	32.07 0.58 0.00
GREENIDGE_115KV_TB5 80291	41.35 0.11 0.00	33.60 -0.22 0.00	27.80 -0.13 0.00	28.62 -0.07 0.00	28.38 -0.01 0.00	30.90 0.04 0.00	30.10 -0.07 0.00	31.88 -0.07 0.00	42.60 0.02 0.00	56.59 -0.76 0.00	41.42 -0.41 0.00	36.41 -0.56 0.00	38.24 -0.35 0.00	32.25 -0.21 0.00	33.30 -0.15 0.00	30.49 -0.30 0.00	74.47 -1.23 -6.43	42.85 -0.24 -1.79	33.55 -0.50 3.53	19.45 -0.31 0.95	11.57 -0.19 -1.25	13.12 -0.28 0.16	28.00 -0.58 2.54	30.99 -0.49 0.00
GREENIDGE___3 23582	41.35 0.11 0.00	33.60 -0.22 0.00	27.80 -0.13 0.00	28.62 -0.07 0.00	28.38 -0.01 0.00	30.90 0.04 0.00	30.10 -0.07 0.00	31.88 -0.07 0.00	42.60 0.02 0.00	56.59 -0.76 0.00	41.42 -0.41 0.00	36.41 -0.56 0.00	38.24 -0.35 0.00	32.25 -0.21 0.00	33.30 -0.15 0.00	30.49 -0.30 0.00	74.47 -1.23 -6.43	42.85 -0.24 -1.79	33.55 -0.50 3.53	19.45 -0.31 0.95	11.57 -0.19 -1.25	13.12 -0.28 0.16	28.00 -0.58 2.54	30.99 -0.49 0.00
GREENIDGE___4 23583	41.35 0.11 0.00	33.61 -0.22 0.00	27.80 -0.13 0.00	28.62 -0.07 0.00	28.39 -0.01 0.00	30.90 0.04 0.00	30.10 -0.07 0.00	31.88 -0.07 0.00	42.59 0.01 0.00	56.59 -0.75 0.00	41.43 -0.41 0.00	36.40 -0.57 0.00	38.23 -0.35 0.00	32.25 -0.21 0.00	33.30 -0.15 0.00	30.49 -0.29 0.00	74.47 -1.24 -6.43	42.86 -0.23 -1.79	33.54 -0.51 3.53	19.46 -0.30 0.95	11.57 -0.19 -1.25	13.11 -0.28 0.16	27.99 -0.59 2.54	30.99 -0.50 0.00
GREENLWN_69_KV_BK 3 55738	43.57 2.33 0.00	35.82 2.00 0.00	29.33 1.40 0.00	30.34 1.65 0.00	30.01 1.62 0.00	32.65 1.79 0.00	32.00 1.82 0.00	34.03 2.08 0.00	45.22 2.64 0.00	60.91 3.57 0.00	44.79 2.95 0.00	44.01 2.79 -4.25	47.61 2.95 -6.07	34.87 2.41 0.00	35.99 2.53 0.00	32.90 2.11 0.00	101.57 4.96 -27.32	55.13 3.13 -10.70	41.28 2.74 -0.96	51.06 1.53 -28.82	37.63 0.78 -26.34	39.85 1.00 -25.30	33.50 2.39 0.00	33.68 2.19 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
GRISSOM___SOLAR 323813	43.47 2.23 0.00	35.63 1.81 0.00	29.32 1.39 0.00	30.04 1.35 0.00	29.73 1.34 0.00	32.34 1.49 0.00	31.71 1.54 0.00	33.62 1.67 0.00	44.71 2.12 0.00	60.25 2.91 0.00	43.60 1.76 0.00	38.41 1.44 0.00	40.09 1.50 0.00	33.23 0.77 0.00	34.34 0.88 0.00	32.21 1.43 0.00	102.84 3.53 -30.03	46.37 2.22 -2.85	40.86 2.11 -1.18	57.25 1.12 -35.43	43.44 0.56 -32.37	45.35 0.70 -31.09	32.64 1.52 -0.01	32.96 1.47 0.00
GROVEVILLE___HYD 323602	43.70 2.47 0.00	35.85 2.03 0.00	29.53 1.60 0.00	30.35 1.66 0.00	30.13 1.74 0.00	32.76 1.91 0.00	32.12 1.95 0.00	34.14 2.19 0.00	45.47 2.89 0.00	61.18 3.84 0.00	44.81 2.97 0.00	39.65 2.68 0.00	41.43 2.84 0.00	34.86 2.40 0.00	35.89 2.43 0.00	33.07 2.28 0.00	98.96 5.36 -24.32	46.90 3.29 -2.31	41.53 2.99 -0.96	51.21 1.62 -28.88	37.69 0.79 -26.39	39.91 1.01 -25.35	33.38 2.27 0.00	33.66 2.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.15 -0.09 0.00	33.65 -0.17 0.00	27.79 -0.14 0.00	28.57 -0.12 0.00	28.32 -0.08 0.00	30.81 -0.04 0.00	30.11 -0.06 0.00	31.89 -0.07 0.00	42.54 -0.05 0.00	57.14 -0.20 0.00	41.66 -0.18 0.00	36.82 -0.15 0.00	38.46 -0.13 0.00	32.43 -0.03 0.00	33.43 -0.02 0.00	30.71 -0.04 0.04	71.76 -0.10 -2.58	41.55 0.01 -0.24	37.59 -0.10 -0.10	23.67 -0.06 -3.03	13.25 -0.03 -2.77	16.16 -0.05 -2.66	31.03 -0.08 0.00	31.04 -0.05 0.40

HAMLTNNY_34_KV_TB 80303	41.17 -0.07 0.00	33.65 -0.17 0.00	27.77 -0.16 0.00	28.55 -0.13 0.00	28.32 -0.07 0.00	30.84 -0.01 0.00	30.14 -0.03 0.00	31.92 -0.03 0.00	42.56 -0.03 0.00	57.18 -0.16 0.00	41.69 -0.15 0.00	36.86 -0.11 0.00	38.49 -0.10 0.00	32.46 0.00 0.00	33.48 0.02 0.00	30.77 -0.02 0.00	71.96 -0.05 -2.73	41.61 0.05 -0.26	37.60 -0.09 -0.11	23.86 -0.06 -3.21	13.41 -0.03 -2.94	16.34 -0.04 -2.82	31.05 -0.07 0.00	31.44 -0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	41.45 0.21 0.00	34.12 0.30 0.00	27.96 0.03 0.00	27.88 -0.80 0.00	27.32 -1.08 0.00	29.98 -0.87 0.00	29.32 -0.86 0.00	30.79 -1.17 0.00	41.18 -1.41 0.00	56.00 -1.34 0.00	40.58 -1.26 0.00	35.64 -1.33 0.00	37.09 -1.50 0.00	31.04 -1.41 0.00	32.08 -1.38 0.00	27.99 -1.68 1.12	67.12 -3.04 -0.88	39.25 -2.14 -0.08	35.71 -1.90 -0.03	20.24 -1.26 -0.80	10.86 -0.60 -0.94	13.66 -0.80 -0.91	29.08 -2.04 0.00	16.84 -2.20 12.45
HARDSCRABBLE_WT_PWR 323673	41.61 0.37 0.00	34.04 0.22 0.00	28.12 0.19 0.00	28.91 0.22 0.00	28.64 0.25 0.00	30.86 0.00 0.00	30.07 -0.11 0.00	32.17 0.22 0.00	42.59 0.00 0.00	57.23 -0.11 0.00	41.75 -0.09 0.00	36.79 -0.18 0.00	38.27 -0.32 0.00	31.89 -0.56 0.00	32.96 -0.50 0.00	30.66 -0.12 0.00	69.52 -0.11 -0.35	41.16 -0.17 -0.03	37.73 0.14 -0.01	21.23 0.11 -0.41	10.87 -0.01 -0.38	13.86 -0.05 -0.36	30.89 -0.22 0.00	31.14 -0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.53 2.29 0.00	35.71 1.89 0.00	29.41 1.49 0.00	30.21 1.53 0.00	30.04 1.64 0.00	32.67 1.81 0.00	32.02 1.84 0.00	34.02 2.07 0.00	45.27 2.68 0.00	60.83 3.49 0.00	44.56 2.72 0.00	39.43 2.46 0.00	41.25 2.66 0.00	34.70 2.24 0.00	35.73 2.28 0.00	32.92 2.14 0.00	97.77 5.02 -23.48	46.65 3.11 -2.23	41.31 2.80 -0.93	50.13 1.52 -27.90	36.73 0.73 -25.50	38.97 0.93 -24.49	33.20 2.08 0.00	33.49 2.00 0.00
HARSNRAD_115KV_TB1 81005	39.67 -1.57 0.00	32.34 -1.48 0.00	26.70 -1.23 0.00	27.48 -1.21 0.00	27.31 -1.08 0.00	29.73 -1.12 0.00	28.92 -1.26 0.00	29.88 -2.08 0.00	40.00 -2.59 0.00	53.73 -3.61 0.00	38.75 -3.08 0.00	34.26 -2.71 0.00	35.65 -2.94 0.00	30.23 -2.23 0.00	31.31 -2.15 0.00	28.45 -2.33 0.00	65.62 -6.34 -2.68	37.58 -3.27 0.45	31.32 -3.06 3.20	17.15 -1.60 1.96	12.33 -0.80 -2.62	14.27 -1.05 -1.77	28.06 -2.26 0.79	29.44 -2.05 0.00
HARZA MOOSE___RIVER 24016	41.79 0.55 0.00	34.35 0.53 0.00	28.32 0.38 0.00	28.68 0.00 0.00	28.29 -0.11 0.00	31.01 0.15 0.00	30.15 -0.03 0.00	31.92 -0.03 0.00	42.70 0.11 0.00	57.63 0.29 0.00	41.91 0.07 0.00	36.91 -0.06 0.00	38.57 -0.02 0.00	32.44 -0.02 0.00	33.45 0.00 0.00	30.43 -0.07 0.29	70.45 0.22 -0.95	41.44 0.04 -0.09	37.55 -0.07 -0.04	21.50 -0.27 -1.06	11.33 -0.20 -1.02	14.28 -0.26 -0.98	30.34 -0.77 0.00	27.36 -0.89 3.25
HDSNBRDG_115KV_BRDG_TB1 355580	40.84 -0.40 0.00	33.40 -0.42 0.00	27.60 -0.33 0.00	28.38 -0.30 0.00	28.14 -0.26 0.00	30.59 -0.26 0.00	29.90 -0.28 0.00	31.64 -0.31 0.00	42.23 -0.36 0.00	56.74 -0.60 0.00	41.37 -0.47 0.00	36.56 -0.41 0.00	38.18 -0.41 0.00	32.19 -0.27 0.00	33.20 -0.26 0.00	30.49 -0.26 0.04	70.98 -0.65 -2.35	41.20 -0.32 -0.22	37.31 -0.36 -0.09	23.25 -0.20 -2.75	12.92 -0.11 -2.52	15.83 -0.14 -2.42	30.82 -0.29 0.00	30.82 -0.24 0.43
HELLGATE_13_KV_LD 55870	43.75 2.51 0.00	35.88 2.06 0.00	29.53 1.60 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.72 1.87 0.00	32.09 1.91 0.00	34.08 2.12 0.00	45.36 2.77 0.00	61.01 3.66 0.00	44.68 2.84 0.00	39.60 2.63 0.00	41.48 2.89 0.00	34.92 2.47 0.00	35.93 2.47 0.00	33.04 2.26 0.00	98.83 5.26 -24.29	46.86 3.25 -2.31	41.45 2.91 -0.96	51.13 1.60 -28.82	37.65 0.80 -26.34	39.88 1.03 -25.30	33.47 2.35 0.00	33.75 2.26 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.75 2.51 0.00	35.88 2.06 0.00	29.53 1.60 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.72 1.87 0.00	32.09 1.91 0.00	34.08 2.12 0.00	45.36 2.77 0.00	61.01 3.66 0.00	44.68 2.84 0.00	39.60 2.63 0.00	41.48 2.89 0.00	34.92 2.47 0.00	35.93 2.47 0.00	33.04 2.26 0.00	98.83 5.26 -24.29	46.86 3.25 -2.31	41.45 2.91 -0.96	51.13 1.60 -28.82	37.65 0.80 -26.34	39.88 1.03 -25.30	33.47 2.35 0.00	33.75 2.26 0.00
HEMPSTEAD____ 23647	43.66 2.43 0.00	35.87 2.05 0.00	29.43 1.50 0.00	30.36 1.67 0.00	30.07 1.68 0.00	32.70 1.85 0.00	32.07 1.89 0.00	34.11 2.15 0.00	45.34 2.75 0.00	61.06 3.72 0.00	44.83 3.00 0.00	45.92 2.76 -6.19	50.40 2.98 -8.83	34.93 2.47 0.00	36.03 2.57 0.00	33.00 2.22 0.00	105.77 5.10 -31.39	59.00 3.18 -14.51	41.44 2.90 -0.96	51.14 1.61 -28.82	37.66 0.81 -26.34	39.88 1.03 -25.30	33.52 2.40 0.00	33.72 2.23 0.00
HEWLETT_69_KV_BK3 55828	43.99 2.75 0.00	36.12 2.30 0.00	29.64 1.71 0.00	30.57 1.88 0.00	30.28 1.88 0.00	32.91 2.06 0.00	32.27 2.10 0.00	34.31 2.36 0.00	45.61 3.02 0.00	61.44 4.10 0.00	45.13 3.29 0.00	46.69 3.03 -6.70	51.39 3.24 -9.56	35.16 2.70 0.00	36.28 2.82 0.00	33.22 2.44 0.00	109.11 5.65 -34.19	60.34 3.51 -15.52	41.72 3.18 -0.96	51.29 1.76 -28.82	37.74 0.89 -26.34	39.99 1.13 -25.30	33.75 2.63 0.00	33.94 2.45 0.00
HICKLING___1 23621	41.13 -0.11 0.00	33.16 -0.66 0.00	27.50 -0.43 0.00	28.39 -0.30 0.00	28.21 -0.18 0.00	30.66 -0.20 0.00	29.74 -0.44 0.00	31.62 -0.34 0.00	42.48 -0.11 0.00	56.27 -1.07 0.00	40.96 -0.87 0.00	36.19 -0.78 0.00	37.90 -0.69 0.00	32.14 -0.31 0.00	33.10 -0.36 0.00	30.21 -0.58 0.00	74.36 -1.71 -6.79	41.48 -0.84 -1.02	31.53 -1.02 5.04	17.87 -0.56 2.27	12.91 -0.36 -2.77	14.15 -0.48 -1.08	27.58 -1.03 2.51	30.60 -0.89 0.00
HICKLING___2 23622	41.13 -0.11 0.00	33.16 -0.66 0.00	27.50 -0.43 0.00	28.39 -0.30 0.00	28.21 -0.18 0.00	30.66 -0.20 0.00	29.74 -0.44 0.00	31.62 -0.34 0.00	42.48 -0.11 0.00	56.27 -1.07 0.00	40.96 -0.87 0.00	36.19 -0.78 0.00	37.90 -0.69 0.00	32.14 -0.31 0.00	33.10 -0.36 0.00	30.21 -0.58 0.00	74.36 -1.71 -6.79	41.48 -0.84 -1.02	31.53 -1.02 5.04	17.87 -0.56 2.27	12.91 -0.36 -2.77	14.15 -0.48 -1.08	27.58 -1.03 2.51	30.60 -0.89 0.00
HIGH FALLS___HY 23754	43.77 2.53 0.00	35.86 2.04 0.00	29.50 1.57 0.00	30.30 1.62 0.00	30.12 1.72 0.00	32.77 1.92 0.00	32.16 1.98 0.00	34.17 2.22 0.00	45.49 2.90 0.00	61.14 3.80 0.00	44.85 3.01 0.00	39.65 2.68 0.00	41.44 2.85 0.00	34.82 2.36 0.00	35.93 2.48 0.00	33.03 2.25 0.00	98.75 5.50 -23.97	47.13 3.55 -2.28	41.72 3.19 -0.95	51.06 1.70 -28.65	37.51 0.82 -26.18	39.74 1.04 -25.14	33.46 2.34 0.00	33.71 2.22 0.00
HIGH_RIVER___SOLAR 323847	42.78 1.55 0.00	35.12 1.30 0.00	28.94 1.01 0.00	29.72 1.03 0.00	29.42 1.03 0.00	31.98 1.13 0.00	31.32 1.15 0.00	33.20 1.25 0.00	44.14 1.55 0.00	59.48 2.14 0.00	43.15 1.31 0.00	38.09 1.12 0.00	39.72 1.13 0.00	33.25 0.79 0.00	34.37 0.92 0.00	31.87 1.08 0.00	100.96 2.64 -29.05	45.68 1.62 -2.75	40.26 1.54 -1.14	55.86 0.84 -34.31	42.28 0.42 -31.35	44.20 0.53 -30.12	32.29 1.17 -0.01	32.61 1.12 0.00

HILLBURN___GT 23639	43.41 2.17 0.00	35.62 1.80 0.00	29.34 1.41 0.00	30.14 1.45 0.00	29.97 1.58 0.00	32.59 1.74 0.00	31.95 1.77 0.00	33.96 2.00 0.00	45.15 2.56 0.00	60.65 3.31 0.00	44.43 2.59 0.00	39.31 2.34 0.00	41.15 2.56 0.00	34.64 2.18 0.00	35.66 2.21 0.00	32.83 2.05 0.00	97.78 4.82 -23.69	46.56 3.01 -2.25	41.20 2.69 -0.94	50.30 1.46 -28.14	36.91 0.70 -25.71	39.14 0.89 -24.69	33.11 1.99 0.00	33.40 1.91 0.00
HILLSIDE_115KV_TB1 80332	40.71 -0.52 0.00	32.73 -1.09 0.00	27.18 -0.75 0.00	28.07 -0.61 0.00	27.91 -0.48 0.00	30.34 -0.51 0.00	29.44 -0.74 0.00	31.36 -0.59 0.00	42.18 -0.41 0.00	55.92 -1.42 0.00	40.79 -1.05 0.00	36.03 -0.94 0.00	37.68 -0.91 0.00	31.99 -0.47 0.00	32.93 -0.52 0.00	30.09 -0.69 0.00	74.42 -1.84 -6.98	41.34 -0.96 -1.00	31.66 -1.12 4.80	18.49 -0.62 1.60	13.33 -0.38 -3.21	14.63 -0.51 -1.58	27.63 -1.11 2.38	30.50 -0.99 0.00
HISHELDN_WT_PWR 323625	40.18 -1.06 0.00	32.68 -1.12 0.02	27.04 -0.88 0.01	27.84 -0.84 0.00	27.66 -0.74 0.00	30.03 -0.82 0.00	29.17 -1.01 0.00	30.40 -1.55 0.00	40.62 -1.96 0.00	54.17 -3.17 0.00	38.75 -2.81 0.28	34.54 -2.43 0.00	33.94 -2.55 2.10	30.54 -1.92 0.00	31.49 -1.97 0.00	28.63 -2.16 0.00	64.52 -6.02 -1.26	35.99 -3.13 2.19	27.10 -3.14 7.34	10.12 -1.69 8.90	12.42 -0.86 -2.77	13.61 -1.14 -1.20	27.55 -2.39 1.17	29.34 -2.15 0.00
HOLTSVILLE_IC_1 23690	43.94 2.70 0.00	36.10 2.28 0.00	29.55 1.63 0.00	30.60 1.92 0.00	30.24 1.84 0.00	32.88 2.03 0.00	32.27 2.10 0.00	34.31 2.36 0.00	45.52 2.93 0.00	61.33 3.99 0.00	45.11 3.27 0.00	44.21 3.09 -4.15	47.74 3.23 -5.92	35.10 2.64 0.00	36.21 2.75 0.00	33.07 2.29 0.00	101.86 5.40 -27.18	55.22 3.42 -10.50	41.59 3.05 -0.96	51.22 1.69 -28.82	37.70 0.86 -26.34	39.96 1.11 -25.30	33.80 2.68 0.00	33.93 2.44 0.00
HOLTSVILLE_IC_10 23699	44.10 2.86 0.00	36.21 2.40 0.00	29.65 1.72 0.00	30.69 2.00 0.00	30.32 1.93 0.00	32.98 2.13 0.00	32.40 2.22 0.00	34.44 2.49 0.00	45.68 3.10 0.00	61.57 4.23 0.00	45.28 3.44 0.00	44.42 3.27 -4.18	47.96 3.40 -5.97	35.24 2.78 0.00	36.35 2.89 0.00	33.21 2.42 0.00	102.26 5.75 -27.23	55.52 3.66 -10.56	41.79 3.26 -0.96	51.33 1.80 -28.82	37.76 0.91 -26.34	40.02 1.17 -25.30	33.95 2.84 0.00	34.07 2.58 0.00
HOLTSVILLE_IC_2 23691	43.94 2.70 0.00	36.10 2.28 0.00	29.55 1.63 0.00	30.60 1.92 0.00	30.24 1.84 0.00	32.88 2.03 0.00	32.27 2.10 0.00	34.31 2.36 0.00	45.52 2.93 0.00	61.33 3.99 0.00	45.11 3.27 0.00	44.21 3.09 -4.15	47.74 3.23 -5.92	35.10 2.64 0.00	36.21 2.75 0.00	33.07 2.29 0.00	101.86 5.40 -27.18	55.22 3.42 -10.50	41.59 3.05 -0.96	51.22 1.69 -28.82	37.70 0.86 -26.34	39.96 1.11 -25.30	33.80 2.68 0.00	33.93 2.44 0.00
HOLTSVILLE_IC_3 23692	43.94 2.70 0.00	36.10 2.28 0.00	29.55 1.63 0.00	30.60 1.92 0.00	30.24 1.84 0.00	32.88 2.03 0.00	32.27 2.10 0.00	34.31 2.36 0.00	45.52 2.93 0.00	61.33 3.99 0.00	45.11 3.27 0.00	44.21 3.09 -4.15	47.74 3.23 -5.92	35.10 2.64 0.00	36.21 2.75 0.00	33.07 2.29 0.00	101.86 5.40 -27.18	55.22 3.42 -10.50	41.59 3.05 -0.96	51.22 1.69 -28.82	37.70 0.86 -26.34	39.96 1.11 -25.30	33.80 2.68 0.00	33.93 2.44 0.00
HOLTSVILLE_IC_4 23693	43.94 2.70 0.00	36.10 2.28 0.00	29.55 1.63 0.00	30.60 1.92 0.00	30.24 1.84 0.00	32.88 2.03 0.00	32.27 2.10 0.00	34.31 2.36 0.00	45.52 2.93 0.00	61.33 3.99 0.00	45.11 3.27 0.00	44.21 3.09 -4.15	47.74 3.23 -5.92	35.10 2.64 0.00	36.21 2.75 0.00	33.07 2.29 0.00	101.86 5.40 -27.18	55.22 3.42 -10.50	41.59 3.05 -0.96	51.22 1.69 -28.82	37.70 0.86 -26.34	39.96 1.11 -25.30	33.80 2.68 0.00	33.93 2.44 0.00
HOLTSVILLE_IC_5 23694	43.94 2.70 0.00	36.10 2.28 0.00	29.55 1.63 0.00	30.60 1.92 0.00	30.24 1.84 0.00	32.88 2.03 0.00	32.27 2.10 0.00	34.31 2.36 0.00	45.52 2.93 0.00	61.33 3.99 0.00	45.11 3.27 0.00	44.21 3.09 -4.15	47.74 3.23 -5.92	35.10 2.64 0.00	36.21 2.75 0.00	33.07 2.29 0.00	101.86 5.40 -27.18	55.22 3.42 -10.50	41.59 3.05 -0.96	51.22 1.69 -28.82	37.70 0.86 -26.34	39.96 1.11 -25.30	33.80 2.68 0.00	33.93 2.44 0.00
HOLTSVILLE_IC_6 23695	44.10 2.86 0.00	36.21 2.40 0.00	29.65 1.72 0.00	30.69 2.00 0.00	30.32 1.93 0.00	32.98 2.13 0.00	32.40 2.22 0.00	34.44 2.49 0.00	45.68 3.10 0.00	61.57 4.23 0.00	45.28 3.44 0.00	44.42 3.27 -4.18	47.96 3.40 -5.97	35.24 2.78 0.00	36.35 2.89 0.00	33.21 2.42 0.00	102.26 5.75 -27.23	55.52 3.66 -10.56	41.79 3.26 -0.96	51.33 1.80 -28.82	37.76 0.91 -26.34	40.02 1.17 -25.30	33.95 2.84 0.00	34.07 2.58 0.00
HOLTSVILLE_IC_7 23696	44.10 2.86 0.00	36.21 2.40 0.00	29.65 1.72 0.00	30.69 2.00 0.00	30.32 1.93 0.00	32.98 2.13 0.00	32.40 2.22 0.00	34.44 2.49 0.00	45.68 3.10 0.00	61.57 4.23 0.00	45.28 3.44 0.00	44.42 3.27 -4.18	47.96 3.40 -5.97	35.24 2.78 0.00	36.35 2.89 0.00	33.21 2.42 0.00	102.26 5.75 -27.23	55.52 3.66 -10.56	41.79 3.26 -0.96	51.33 1.80 -28.82	37.76 0.91 -26.34	40.02 1.17 -25.30	33.95 2.84 0.00	34.07 2.58 0.00
HOLTSVILLE_IC_8 23697	44.10 2.86 0.00	36.21 2.40 0.00	29.65 1.72 0.00	30.69 2.00 0.00	30.32 1.93 0.00	32.98 2.13 0.00	32.40 2.22 0.00	34.44 2.49 0.00	45.68 3.10 0.00	61.57 4.23 0.00	45.28 3.44 0.00	44.42 3.27 -4.18	47.96 3.40 -5.97	35.24 2.78 0.00	36.35 2.89 0.00	33.21 2.42 0.00	102.26 5.75 -27.23	55.52 3.66 -10.56	41.79 3.26 -0.96	51.33 1.80 -28.82	37.76 0.91 -26.34	40.02 1.17 -25.30	33.95 2.84 0.00	34.07 2.58 0.00
HOLTSVILLE_IC_9 23698	44.10 2.86 0.00	36.21 2.40 0.00	29.65 1.72 0.00	30.69 2.00 0.00	30.32 1.93 0.00	32.98 2.13 0.00	32.40 2.22 0.00	34.44 2.49 0.00	45.68 3.10 0.00	61.57 4.23 0.00	45.28 3.44 0.00	44.42 3.27 -4.18	47.96 3.40 -5.97	35.24 2.78 0.00	36.35 2.89 0.00	33.21 2.42 0.00	102.26 5.75 -27.23	55.52 3.66 -10.56	41.79 3.26 -0.96	51.33 1.80 -28.82	37.76 0.91 -26.34	40.02 1.17 -25.30	33.95 2.84 0.00	34.07 2.58 0.00
HOMER_HL_115KV_TB2 355744	41.56 0.32 0.00	33.53 -0.29 0.00	27.81 -0.12 0.00	28.68 -0.01 0.00	28.74 0.34 0.00	31.08 0.23 0.00	30.10 -0.08 0.00	31.63 -0.33 0.00	42.65 0.06 0.00	57.71 0.37 0.00	44.90 0.18 -2.88	37.09 0.12 0.00	60.04 -0.15 -21.60	32.53 0.08 0.00	33.63 0.18 0.00	30.55 -0.24 0.00	71.33 -2.03 -4.09	40.74 -0.69 -0.13	33.54 -0.92 3.12	19.33 -0.49 0.88	13.04 -0.39 -2.92	15.07 -0.44 -1.96	29.27 -0.69 1.15	31.05 -0.44 0.00
HOWARD_WT_PWR 323690	40.52 -0.72 0.00	33.04 -0.78 0.00	27.34 -0.59 0.00	28.20 -0.49 0.00	27.85 -0.55 0.00	30.27 -0.59 0.00	29.23 -0.95 0.00	30.84 -1.12 0.00	41.29 -1.30 0.00	54.25 -3.09 0.00	39.69 -2.71 -0.56	34.55 -2.43 0.00	40.93 -1.87 -4.21	31.05 -1.41 0.00	31.79 -1.67 0.00	28.66 -2.13 0.00	71.70 -6.03 -8.46	41.45 -3.16 -3.30	33.91 -3.28 0.39	24.12 -1.78 -5.19	11.35 -0.96 -1.81	13.20 -1.25 -0.89	26.11 -2.65 2.35	29.06 -2.43 0.00

HQ_GEN_CEDARS 23644	41.79 0.55 0.00	34.43 0.61 0.00	28.12 0.19 0.00	27.93 -0.76 0.00	27.17 -1.23 0.00	29.63 -1.23 0.00	29.29 -0.89 0.00	30.45 -1.51 0.00	40.69 -1.89 0.00	55.68 -1.66 0.00	40.35 -1.49 0.00	35.42 -1.55 0.00	36.59 -2.00 0.00	30.49 -1.96 0.00	31.53 -1.93 0.00	26.36 -2.48 1.95	65.08 -4.73 -0.53	37.89 -3.46 -0.05	34.83 -2.77 -0.02	19.37 -1.55 -0.21	10.50 -0.58 -0.57	13.28 -0.82 -0.55	29.10 -2.02 0.00	7.67 -2.11 21.72
HQ_GEN_CEDARS_PROXY 323590	41.79 0.55 0.00	34.43 0.61 0.00	28.12 0.20 0.00	27.93 -0.76 0.00	27.17 -1.23 0.00	29.62 -1.23 0.00	29.29 -0.89 0.00	30.45 -1.51 0.00	40.69 -1.89 0.00	55.67 -1.67 0.00	40.35 -1.48 0.00	35.42 -1.55 0.00	36.59 -2.00 0.00	30.50 -1.96 0.00	31.53 -1.93 0.00	26.36 -2.47 1.95	65.08 -4.73 -0.53	37.93 -3.43 -0.05	34.85 -2.75 -0.02	19.37 -1.55 -0.21	10.50 -0.58 -0.57	13.28 -0.82 -0.55	29.12 -1.99 0.00	7.65 -2.12 21.72
HQ_GEN_IMPORT 323601	41.24 0.00 0.00	33.82 0.00 0.00	27.93 0.00 0.00	28.69 0.00 0.00	28.40 0.00 0.00	30.92 0.00 -0.07	30.18 0.00 0.00	31.95 0.00 0.00	42.59 0.00 0.00	57.34 0.00 0.00	41.84 0.00 0.00	36.97 0.00 0.00	38.59 0.00 0.00	32.77 0.00 -0.32	33.53 0.00 -0.08	31.27 0.00 -0.49	69.62 0.00 -0.35	41.30 0.00 0.00	37.58 0.00 0.00	20.71 0.00 0.00	10.51 0.00 0.00	13.56 0.00 0.00	31.11 0.00 0.00	31.49 0.00 0.00
HQ_GEN_WHEEL 23651	41.24 0.00 0.00	33.82 0.00 0.00	27.93 0.00 0.00	28.69 0.00 0.00	28.40 0.00 0.00	30.92 0.00 -0.07	30.18 0.00 0.00	31.95 0.00 0.00	42.59 0.00 0.00	57.34 0.00 0.00	41.84 0.00 0.00	36.97 0.00 0.00	38.59 0.00 0.00	32.77 0.00 -0.32	33.53 0.00 -0.08	31.27 0.00 -0.49	69.62 0.00 -0.35	41.30 0.00 0.00	37.58 0.00 0.00	20.71 0.00 0.00	10.51 0.00 0.00	13.56 0.00 0.00	31.11 0.00 0.00	31.49 0.00 0.00
HUDSON_AVE_GT_3 23810	43.77 2.54 0.00	35.91 2.09 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.74 1.89 0.00	32.10 1.93 0.00	34.11 2.15 0.00	45.38 2.80 0.00	61.05 3.70 0.00	44.73 2.89 0.00	39.62 2.66 0.00	41.51 2.92 0.00	34.95 2.49 0.00	35.97 2.52 0.00	33.06 2.28 0.00	98.93 5.37 -24.29	46.89 3.28 -2.31	41.48 2.94 -0.96	51.13 1.61 -28.82	37.64 0.80 -26.34	39.88 1.04 -25.30	33.49 2.37 0.00	33.78 2.29 0.00
HUDSON_AVE_GT_4 23540	43.77 2.54 0.00	35.91 2.09 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.74 1.89 0.00	32.10 1.93 0.00	34.11 2.15 0.00	45.38 2.80 0.00	61.05 3.70 0.00	44.73 2.89 0.00	39.62 2.66 0.00	41.51 2.92 0.00	34.95 2.49 0.00	35.97 2.52 0.00	33.06 2.28 0.00	98.93 5.37 -24.29	46.89 3.28 -2.31	41.48 2.94 -0.96	51.13 1.61 -28.82	37.64 0.80 -26.34	39.88 1.04 -25.30	33.49 2.37 0.00	33.78 2.29 0.00
HUDSON_AVE_GT_5 23657	43.77 2.54 0.00	35.91 2.09 0.00	29.54 1.61 0.00	30.34 1.66 0.00	30.15 1.75 0.00	32.74 1.89 0.00	32.10 1.93 0.00	34.11 2.15 0.00	45.38 2.80 0.00	61.05 3.70 0.00	44.73 2.89 0.00	39.62 2.66 0.00	41.51 2.92 0.00	34.95 2.49 0.00	35.97 2.52 0.00	33.06 2.28 0.00	98.93 5.37 -24.29	46.89 3.28 -2.31	41.48 2.94 -0.96	51.13 1.61 -28.82	37.64 0.80 -26.34	39.88 1.04 -25.30	33.49 2.37 0.00	33.78 2.29 0.00
HUDSON_AVE_10 24168	43.57 2.33 0.00	35.75 1.93 0.00	29.42 1.49 0.00	30.21 1.52 0.00	30.01 1.62 0.00	32.58 1.73 0.00	31.96 1.78 0.00	33.95 2.00 0.00	45.18 2.59 0.00	60.75 3.41 0.00	44.52 2.68 0.00	39.44 2.47 0.00	41.35 2.76 0.00	34.81 2.36 0.00	35.82 2.36 0.00	32.91 2.12 0.00	99.64 5.01 -25.35	46.70 3.09 -2.31	41.30 2.76 -0.96	51.03 1.51 -28.82	37.59 0.75 -26.34	39.84 0.98 -25.30	33.39 2.27 0.00	33.68 2.19 0.00
HUDSON___115KV_TB 4 355613	42.59 1.35 0.00	34.98 1.16 0.00	28.96 1.03 0.00	29.81 1.13 0.00	29.53 1.14 0.00	32.03 1.18 0.00	31.34 1.16 0.00	33.34 1.38 0.00	44.34 1.76 0.00	59.91 2.57 0.00	43.65 1.81 0.00	38.36 1.40 0.00	39.95 1.36 0.00	33.66 1.20 0.00	34.49 1.04 0.00	32.07 1.29 0.00	99.10 2.87 -26.95	45.36 1.50 -2.56	40.24 1.60 -1.06	53.59 0.96 -31.92	40.14 0.47 -29.17	42.16 0.59 -28.02	32.40 1.28 0.00	32.68 1.19 0.00
HUNTER MOUNT___DRP 323613	42.76 1.52 0.00	35.12 1.31 0.00	29.09 1.16 0.00	29.95 1.26 0.00	29.66 1.26 0.00	32.17 1.31 0.00	31.48 1.30 0.00	33.50 1.54 0.00	44.57 1.98 0.00	60.26 2.92 0.00	43.87 2.03 0.00	38.46 1.49 0.00	39.94 1.35 0.00	33.73 1.27 0.00	34.55 1.10 0.00	32.17 1.38 0.00	98.70 2.95 -26.47	45.16 1.35 -2.51	40.24 1.62 -1.04	53.11 1.03 -31.37	39.68 0.50 -28.67	41.73 0.64 -27.54	32.49 1.37 0.00	32.77 1.28 0.00
HUNTINGTON_RES_REC 323705	43.77 2.54 0.00	35.97 2.15 0.00	29.44 1.52 0.00	30.47 1.79 0.00	30.12 1.72 0.00	32.77 1.92 0.00	32.14 1.97 0.00	34.19 2.24 0.00	45.40 2.81 0.00	61.18 3.84 0.00	44.98 3.14 0.00	44.17 3.00 -4.20	47.73 3.15 -5.99	35.02 2.56 0.00	36.14 2.68 0.00	33.03 2.24 0.00	101.76 5.24 -27.24	55.23 3.34 -10.59	41.51 2.97 -0.96	51.18 1.65 -28.82	37.68 0.84 -26.34	39.92 1.07 -25.30	33.70 2.58 0.00	33.83 2.34 0.00
HUNTLEY___63 23557	40.00 -1.24 0.00	32.58 -1.23 0.00	26.92 -1.01 0.00	27.69 -0.99 0.00	27.53 -0.87 0.00	29.96 -0.89 0.00	29.14 -1.03 0.00	30.12 -1.84 0.00	40.32 -2.27 0.00	54.15 -3.19 0.00	39.10 -2.74 0.00	34.61 -2.36 0.00	36.01 -2.59 0.00	30.53 -1.93 0.00	31.61 -1.84 0.00	28.72 -2.06 0.00	66.27 -5.74 -2.73	37.91 -2.89 0.51	31.42 -2.74 3.42	17.04 -1.44 2.23	12.46 -0.72 -2.67	14.38 -0.95 -1.78	28.25 -2.02 0.84	29.69 -1.80 0.00
HUNTLEY___64 23558	40.00 -1.24 0.00	32.58 -1.23 0.00	26.92 -1.01 0.00	27.69 -0.99 0.00	27.53 -0.87 0.00	29.96 -0.89 0.00	29.14 -1.03 0.00	30.12 -1.84 0.00	40.32 -2.27 0.00	54.15 -3.19 0.00	39.10 -2.74 0.00	34.61 -2.36 0.00	36.01 -2.59 0.00	30.53 -1.93 0.00	31.61 -1.84 0.00	28.72 -2.06 0.00	66.27 -5.74 -2.73	37.91 -2.89 0.51	31.42 -2.74 3.42	17.04 -1.44 2.23	12.46 -0.72 -2.67	14.38 -0.95 -1.78	28.25 -2.02 0.84	29.69 -1.80 0.00
HUNTLEY___65 23559	40.00 -1.24 0.00	32.58 -1.23 0.00	26.92 -1.01 0.00	27.69 -0.99 0.00	27.53 -0.87 0.00	29.96 -0.89 0.00	29.14 -1.03 0.00	30.12 -1.84 0.00	40.32 -2.27 0.00	54.15 -3.19 0.00	39.10 -2.74 0.00	34.61 -2.36 0.00	36.01 -2.59 0.00	30.53 -1.93 0.00	31.61 -1.84 0.00	28.72 -2.06 0.00	66.27 -5.74 -2.73	37.91 -2.89 0.51	31.42 -2.74 3.42	17.04 -1.44 2.23	12.46 -0.72 -2.67	14.38 -0.95 -1.78	28.25 -2.02 0.84	29.69 -1.80 0.00
HUNTLEY___66 23560	40.00 -1.24 0.00	32.58 -1.23 0.00	26.92 -1.01 0.00	27.69 -0.99 0.00	27.53 -0.87 0.00	29.96 -0.89 0.00	29.14 -1.03 0.00	30.12 -1.84 0.00	40.32 -2.27 0.00	54.15 -3.19 0.00	39.10 -2.74 0.00	34.61 -2.36 0.00	36.01 -2.59 0.00	30.53 -1.93 0.00	31.61 -1.84 0.00	28.72 -2.06 0.00	66.27 -5.74 -2.73	37.91 -2.89 0.51	31.42 -2.74 3.42	17.04 -1.44 2.23	12.46 -0.72 -2.67	14.38 -0.95 -1.78	28.25 -2.02 0.84	29.69 -1.80 0.00



HUNTLEY___67 23561	39.77 -1.47 0.00	32.40 -1.42 0.00	26.77 -1.16 0.00	27.55 -1.14 0.00	27.39 -1.00 0.00	29.81 -1.04 0.00	28.97 -1.21 0.00	29.98 -1.98 0.00	40.17 -2.42 0.00	53.95 -3.39 0.00	38.56 -2.90 0.38	34.48 -2.49 0.00	32.97 -2.73 2.89	30.37 -2.09 0.00	31.45 -2.01 0.00	28.58 -2.20 0.00	65.87 -6.05 -2.64	37.55 -3.12 0.63	30.86 -2.97 3.74	16.36 -1.59 2.75	12.43 -0.78 -2.70	14.26 -1.04 -1.74	28.06 -2.18 0.87	29.54 -1.95 0.00
HUNTLEY___68 23562	39.77 -1.47 0.00	32.40 -1.42 0.00	26.77 -1.16 0.00	27.55 -1.14 0.00	27.39 -1.00 0.00	29.81 -1.04 0.00	28.97 -1.21 0.00	29.98 -1.98 0.00	40.17 -2.42 0.00	53.95 -3.39 0.00	38.56 -2.90 0.38	34.48 -2.49 0.00	32.97 -2.73 2.89	30.37 -2.09 0.00	31.45 -2.01 0.00	28.58 -2.20 0.00	65.87 -6.05 -2.64	37.55 -3.12 0.63	30.86 -2.97 3.74	16.36 -1.59 2.75	12.43 -0.78 -2.70	14.26 -1.04 -1.74	28.06 -2.18 0.87	29.54 -1.95 0.00
HYLAND___LFGE 323620	42.19 0.95 0.00	34.29 0.48 0.00	28.32 0.39 0.00	29.15 0.46 0.00	28.94 0.54 0.00	31.50 0.64 0.00	30.69 0.52 0.00	32.26 0.30 0.00	43.15 0.56 0.00	57.18 -0.16 0.00	41.10 -0.74 0.00	36.00 -0.97 0.00	37.88 -0.71 0.00	32.21 -0.25 0.00	33.05 -0.40 0.00	30.38 -0.40 0.00	76.13 -1.11 -7.96	44.73 -0.12 -3.55	39.94 -0.24 -2.61	30.29 -0.12 -9.71	12.84 -0.10 -2.43	15.63 -0.18 -2.26	29.43 -0.34 1.34	31.26 -0.23 0.00
INDECK___CORINTH 23802	43.42 2.18 0.00	35.89 2.07 0.00	29.56 1.62 0.00	30.44 1.75 0.00	30.17 1.77 0.00	32.76 1.91 0.00	32.13 1.95 0.00	34.25 2.30 0.00	45.72 3.14 0.00	61.64 4.30 0.00	44.96 3.12 0.00	39.31 2.34 0.00	40.68 2.09 0.00	33.48 1.03 0.00	34.47 1.02 0.00	31.76 0.98 0.00	99.81 2.37 -28.17	45.23 1.26 -2.67	40.00 1.31 -1.11	54.75 0.73 -33.31	41.34 0.39 -30.44	43.30 0.50 -29.24	32.23 1.11 -0.01	32.48 0.99 0.00
INDECK___ILION 23567	41.55 0.31 0.00	34.05 0.23 0.00	28.14 0.21 0.00	28.93 0.24 0.00	28.63 0.23 0.00	31.03 0.18 0.00	30.32 0.15 0.00	32.23 0.28 0.00	42.87 0.29 0.00	57.74 0.40 0.00	42.13 0.29 0.00	37.18 0.21 0.00	38.70 0.12 0.00	32.43 -0.03 0.00	33.47 0.02 0.00	30.96 0.18 0.00	70.14 0.51 -0.35	41.58 0.24 -0.03	37.90 0.30 -0.01	21.31 0.19 -0.41	10.95 0.07 -0.38	13.99 0.07 -0.36	31.23 0.12 0.00	31.55 0.06 0.00
INDECK___OLEAN 23982	41.56 0.32 0.00	33.49 -0.29 0.04	27.80 -0.12 0.02	28.68 -0.01 0.00	28.74 0.34 0.00	31.07 0.22 0.00	30.09 -0.09 0.00	31.63 -0.33 0.00	42.65 0.06 0.00	57.73 0.39 0.00	44.91 0.19 -2.88	37.09 0.12 0.00	60.06 -0.13 -21.60	32.51 0.06 0.00	33.63 0.17 0.00	30.55 -0.24 0.00	71.33 -2.03 -4.09	40.77 -0.66 -0.13	33.51 -0.94 3.12	19.33 -0.50 0.88	13.04 -0.38 -2.92	15.08 -0.43 -1.96	29.24 -0.73 1.15	31.05 -0.44 0.00
INDECK___OSWEGO 23783	40.39 -0.85 0.00	33.07 -0.75 0.00	27.33 -0.60 0.00	28.06 -0.62 0.00	27.80 -0.59 0.00	30.24 -0.61 0.00	29.54 -0.63 0.00	31.27 -0.68 0.00	41.74 -0.84 0.00	56.11 -1.23 0.00	40.87 -0.97 0.00	36.12 -0.86 0.00	37.74 -0.85 0.00	31.78 -0.68 0.00	32.78 -0.68 0.00	30.08 -0.63 0.07	69.88 -1.43 -2.04	40.69 -0.80 -0.19	36.86 -0.80 -0.08	22.62 -0.46 -2.38	12.45 -0.24 -2.19	15.35 -0.30 -2.10	30.46 -0.66 0.00	30.09 -0.61 0.78
INDECK___YERKES 23781	40.03 -1.21 0.00	32.58 -1.21 0.03	26.93 -0.99 0.01	27.72 -0.97 0.00	27.55 -0.85 0.00	29.97 -0.89 0.00	29.16 -1.01 0.00	30.15 -1.81 0.00	40.36 -2.23 0.00	54.22 -3.12 0.00	39.14 -2.70 0.00	34.64 -2.33 0.00	36.06 -2.53 0.00	30.54 -1.92 0.00	31.64 -1.82 0.00	28.76 -2.03 0.00	66.34 -5.67 -2.73	37.97 -2.83 0.51	31.43 -2.73 3.42	17.06 -1.42 2.23	12.47 -0.71 -2.67	14.40 -0.93 -1.78	28.25 -2.03 0.84	29.72 -1.77 0.00
INDIAN POINT_GT_1 24139	43.33 2.10 0.00	35.56 1.74 0.00	29.29 1.36 0.00	30.10 1.41 0.00	29.91 1.51 0.00	32.51 1.66 0.00	31.86 1.68 0.00	33.85 1.90 0.00	45.04 2.45 0.00	60.55 3.21 0.00	44.35 2.52 0.00	39.26 2.30 0.00	41.10 2.51 0.00	34.57 2.12 0.00	35.59 2.14 0.00	32.76 1.98 0.00	98.12 4.68 -24.17	46.49 2.89 -2.29	41.12 2.59 -0.95	50.80 1.41 -28.68	37.40 0.69 -26.21	39.61 0.88 -25.17	33.10 1.98 0.00	33.39 1.90 0.00
INDIAN POINT_GT_2 23659	43.33 2.10 0.00	35.56 1.74 0.00	29.29 1.36 0.00	30.10 1.41 0.00	29.91 1.51 0.00	32.51 1.66 0.00	31.86 1.68 0.00	33.85 1.90 0.00	45.04 2.45 0.00	60.55 3.21 0.00	44.35 2.52 0.00	39.26 2.30 0.00	41.10 2.51 0.00	34.57 2.12 0.00	35.59 2.14 0.00	32.76 1.98 0.00	98.12 4.68 -24.17	46.49 2.89 -2.29	41.12 2.59 -0.95	50.80 1.41 -28.68	37.40 0.69 -26.21	39.61 0.88 -25.17	33.10 1.98 0.00	33.39 1.90 0.00
INDIAN POINT_GT_3 24019	43.33 2.10 0.00	35.56 1.74 0.00	29.29 1.36 0.00	30.10 1.41 0.00	29.91 1.51 0.00	32.51 1.66 0.00	31.86 1.68 0.00	33.85 1.90 0.00	45.04 2.45 0.00	60.55 3.21 0.00	44.35 2.52 0.00	39.26 2.30 0.00	41.10 2.51 0.00	34.57 2.12 0.00	35.59 2.14 0.00	32.76 1.98 0.00	98.12 4.68 -24.17	46.49 2.89 -2.29	41.12 2.59 -0.95	50.80 1.41 -28.68	37.40 0.69 -26.21	39.61 0.88 -25.17	33.10 1.98 0.00	33.39 1.90 0.00
INDIAN POINT___2 23530	43.33 2.10 0.00	35.56 1.74 0.00	29.29 1.36 0.00	30.10 1.41 0.00	29.91 1.51 0.00	32.52 1.66 0.00	31.87 1.69 0.00	33.86 1.90 0.00	45.04 2.45 0.00	60.53 3.19 0.00	44.34 2.50 0.00	39.25 2.28 0.00	41.09 2.50 0.00	34.58 2.12 0.00	35.59 2.14 0.00	32.75 1.97 0.00	97.90 4.62 -24.01	46.46 2.88 -2.28	41.10 2.58 -0.95	50.61 1.40 -28.50	37.23 0.68 -26.04	39.44 0.87 -25.02	33.09 1.97 0.00	33.38 1.89 0.00
INDIAN POINT___3 23531	43.31 2.07 0.00	35.55 1.73 0.00	29.28 1.35 0.00	30.08 1.39 0.00	29.89 1.49 0.00	32.48 1.63 0.00	31.85 1.67 0.00	33.84 1.88 0.00	45.01 2.42 0.00	60.51 3.17 0.00	44.32 2.48 0.00	39.24 2.27 0.00	41.07 2.48 0.00	34.55 2.09 0.00	35.57 2.12 0.00	32.73 1.95 0.00	98.06 4.61 -24.17	46.45 2.86 -2.29	41.08 2.55 -0.95	50.79 1.39 -28.69	37.40 0.67 -26.22	39.60 0.87 -25.18	33.07 1.96 0.00	33.37 1.88 0.00
INGHAM_C_115KV_TB7 356103	41.58 0.35 0.00	34.02 0.20 0.00	28.17 0.24 0.00	29.04 0.35 0.00	28.79 0.39 0.00	31.08 0.22 0.00	30.30 0.12 0.00	32.41 0.46 0.00	42.96 0.37 0.00	57.77 0.43 0.00	42.15 0.31 0.00	37.13 0.16 0.00	38.55 -0.04 0.00	32.13 -0.33 0.00	33.22 -0.23 0.00	30.99 0.20 0.00	70.34 0.71 -0.35	41.61 0.27 -0.03	38.04 0.44 -0.01	21.42 0.30 -0.41	10.98 0.09 -0.38	14.00 0.09 -0.36	31.23 0.12 0.00	31.47 -0.02 0.00
IP CORINTH___1 23988	43.46 2.22 0.00	35.89 2.07 0.00	29.56 1.62 0.00	30.44 1.75 0.00	30.17 1.77 0.00	32.76 1.91 0.00	32.13 1.95 0.00	34.25 2.30 0.00	45.72 3.14 0.00	61.64 4.30 0.00	44.96 3.12 0.00	39.32 2.35 0.00	40.75 2.16 0.00	33.63 1.18 0.00	34.64 1.19 0.00	31.93 1.15 0.00	100.22 2.78 -28.17	45.47 1.50 -2.67	40.20 1.52 -1.11	54.87 0.85 -33.31	41.39 0.44 -30.44	43.37 0.57 -29.24	32.38 1.27 -0.01	32.65 1.16 0.00

IP___TICONDEROGA 23804	44.76 3.53 0.00	37.09 3.27 0.00	30.32 2.40 0.00	31.37 2.69 0.00	31.04 2.64 0.00	33.64 2.79 0.00	33.16 2.99 0.00	35.63 3.68 0.00	47.81 5.22 0.00	64.26 6.91 0.00	46.89 5.05 0.00	40.97 4.01 0.00	42.52 3.93 0.00	35.20 2.74 0.00	36.37 2.91 0.00	33.35 2.57 0.00	103.94 6.51 -28.15	47.39 3.42 -2.67	42.03 3.35 -1.11	55.76 1.76 -33.28	41.87 0.94 -30.42	43.97 1.20 -29.22	33.70 2.58 -0.01	33.90 2.40 0.00
ISLIP_RES_REC 323679	44.23 2.99 0.00	36.32 2.51 0.00	29.73 1.80 0.00	30.77 2.09 0.00	30.40 2.01 0.00	33.07 2.22 0.00	32.50 2.32 0.00	34.56 2.60 0.00	45.82 3.24 0.00	61.78 4.44 0.00	45.44 3.60 0.00	44.58 3.41 -4.20	48.14 3.56 -5.99	35.36 2.90 0.00	36.47 3.02 0.00	33.33 2.54 0.00	102.62 6.07 -27.27	55.75 3.85 -10.59	41.96 3.42 -0.96	51.42 1.89 -28.82	37.80 0.95 -26.34	40.07 1.22 -25.30	34.06 2.95 0.00	34.17 2.68 0.00
JAMAICA__27_KV_LOAD 355505	43.74 2.51 0.00	35.89 2.07 0.00	29.55 1.62 0.00	30.33 1.64 0.00	30.16 1.76 0.00	32.68 1.83 0.00	32.09 1.92 0.00	34.06 2.11 0.00	45.37 2.79 0.00	60.98 3.64 0.00	44.67 2.83 0.00	39.61 2.64 0.00	41.58 2.99 0.00	35.02 2.56 0.00	36.02 2.57 0.00	33.04 2.25 0.00	100.22 5.35 -25.59	46.94 3.34 -2.31	41.49 2.96 -0.96	51.13 1.61 -28.82	37.64 0.79 -26.34	39.95 1.10 -25.30	33.67 2.55 0.00	33.96 2.47 0.00
JANIS___SOLAR 323808	47.17 5.93 0.00	38.11 4.29 0.00	31.29 3.36 0.00	32.26 3.57 0.00	32.19 3.79 0.00	35.27 4.42 0.00	34.02 3.84 0.00	35.77 3.81 0.00	47.60 5.01 0.00	63.60 6.26 0.00	46.35 4.52 0.00	40.84 3.87 0.00	41.98 3.39 0.00	35.17 2.71 0.00	36.47 3.02 0.00	34.09 3.30 0.00	88.13 7.40 -11.45	46.64 4.26 -1.07	44.82 1.48 -5.76	39.38 0.71 -17.95	21.35 0.30 -10.54	25.52 0.36 -11.60	34.03 0.80 -2.12	32.29 0.81 0.00
JARVIS____ 23743	41.39 0.15 0.00	33.95 0.14 0.00	28.04 0.11 0.00	28.77 0.09 0.00	28.45 0.06 0.00	30.91 0.06 0.00	30.24 0.06 0.00	32.02 0.07 0.00	42.67 0.09 0.00	57.50 0.16 0.00	41.96 0.12 0.00	37.07 0.10 0.00	38.67 0.08 0.00	32.50 0.05 0.00	33.50 0.04 0.00	30.83 0.04 0.00	69.75 0.13 -0.35	41.39 0.05 -0.03	37.67 0.08 -0.01	21.15 0.03 -0.41	10.90 0.01 -0.38	13.93 0.01 -0.36	31.13 0.02 0.00	31.49 0.01 0.00
JENNISON___1 23625	44.62 3.38 0.00	36.09 2.27 0.00	29.68 1.75 0.00	30.57 1.88 0.00	30.45 2.05 0.00	33.31 2.46 0.00	32.18 2.01 0.00	33.85 1.90 0.00	44.96 2.38 0.00	60.18 2.84 0.00	44.25 2.41 0.00	38.87 1.91 0.00	39.96 1.37 0.00	33.53 1.08 0.00	34.64 1.19 0.00	32.12 1.33 0.00	83.64 2.91 -11.45	43.98 1.62 -1.06	40.48 0.87 -2.04	34.41 0.37 -13.34	20.94 0.13 -10.30	24.05 0.16 -10.33	32.04 0.31 -0.61	31.78 0.29 0.00
JENNISON___2 23626	44.62 3.38 0.00	36.09 2.27 0.00	29.68 1.75 0.00	30.57 1.88 0.00	30.45 2.05 0.00	33.31 2.46 0.00	32.18 2.01 0.00	33.85 1.90 0.00	44.96 2.38 0.00	60.18 2.84 0.00	44.25 2.41 0.00	38.87 1.91 0.00	39.96 1.37 0.00	33.53 1.08 0.00	34.64 1.19 0.00	32.12 1.33 0.00	83.64 2.91 -11.45	43.98 1.62 -1.06	40.48 0.87 -2.04	34.41 0.37 -13.34	20.94 0.13 -10.30	24.05 0.16 -10.33	32.04 0.31 -0.61	31.78 0.29 0.00
JERICHO_RISE_WT_PWR 323719	41.79 0.55 0.00	34.45 0.64 0.00	28.09 0.16 0.00	27.85 -0.83 0.00	26.99 -1.41 0.00	29.41 -1.44 0.00	29.13 -1.05 0.00	30.24 -1.72 0.00	40.37 -2.22 0.00	55.37 -1.97 0.00	40.28 -1.56 0.00	35.22 -1.75 0.00	36.10 -2.49 0.00	29.98 -2.48 0.00	31.01 -2.45 0.00	25.59 -3.16 2.03	63.22 -6.55 -0.50	36.63 -4.72 -0.05	33.78 -3.82 -0.02	18.78 -2.09 -0.15	10.21 -0.84 -0.54	12.95 -1.12 -0.51	28.34 -2.77 0.00	5.87 -2.99 22.63
KATONAH___115KV_46KV_TB4 355592	43.55 2.31 0.00	35.74 1.92 0.00	29.45 1.52 0.00	30.27 1.59 0.00	30.05 1.66 0.00	32.67 1.81 0.00	32.00 1.83 0.00	34.01 2.06 0.00	45.29 2.70 0.00	60.93 3.59 0.00	44.62 2.78 0.00	39.52 2.55 0.00	41.35 2.76 0.00	34.78 2.32 0.00	35.79 2.34 0.00	32.93 2.15 0.00	98.80 5.09 -24.44	46.76 3.13 -2.32	41.36 2.82 -0.96	51.24 1.54 -28.99	37.76 0.75 -26.50	39.96 0.96 -25.45	33.29 2.18 0.00	33.57 2.08 0.00
KCE_NY_1 323755	43.18 1.95 0.00	35.50 1.69 0.00	29.29 1.36 0.00	30.14 1.45 0.00	29.86 1.46 0.00	32.47 1.62 0.00	31.73 1.56 0.00	33.82 1.86 0.00	45.03 2.44 0.00	60.75 3.41 0.00	44.29 2.45 0.00	39.01 2.04 0.00	40.66 2.07 0.00	33.93 1.47 0.00	34.97 1.52 0.00	32.28 1.49 0.00	100.90 3.51 -28.11	45.98 2.02 -2.67	40.60 1.92 -1.10	55.03 1.08 -33.24	41.42 0.54 -30.38	43.42 0.68 -29.18	32.68 1.56 -0.01	32.93 1.44 0.00
KCE_NY_6_ESR 323823	40.47 -0.77 0.00	32.93 -0.86 0.03	27.24 -0.68 0.01	28.07 -0.62 0.00	27.88 -0.51 0.00	30.31 -0.54 0.00	29.47 -0.71 0.00	30.53 -1.42 0.00	40.93 -1.66 0.00	54.89 -2.45 0.00	39.60 -2.24 0.00	35.11 -1.86 0.00	36.46 -2.13 0.00	30.89 -1.57 0.00	31.93 -1.52 0.00	29.01 -1.78 0.00	66.89 -5.12 -2.74	38.14 -2.49 0.67	31.14 -2.48 3.96	16.39 -1.33 2.99	12.61 -0.66 -2.76	14.43 -0.88 -1.76	28.33 -1.85 0.93	29.91 -1.58 0.00
KEDC_PORT_JEFF_GT2 24210	44.05 2.81 0.00	36.18 2.36 0.00	29.62 1.69 0.00	30.66 1.97 0.00	30.29 1.90 0.00	32.95 2.09 0.00	32.36 2.18 0.00	34.41 2.45 0.00	45.64 3.05 0.00	61.52 4.18 0.00	45.24 3.40 0.00	44.38 3.24 -4.17	47.92 3.38 -5.95	35.21 2.75 0.00	36.31 2.86 0.00	33.18 2.40 0.00	102.21 5.72 -27.21	55.47 3.63 -10.54	41.76 3.22 -0.96	51.31 1.78 -28.82	37.74 0.90 -26.34	40.01 1.15 -25.30	33.92 2.81 0.00	34.04 2.55 0.00
KEDC_PORT_JEFF_GT3 24211	44.05 2.81 0.00	36.18 2.36 0.00	29.62 1.69 0.00	30.66 1.97 0.00	30.29 1.90 0.00	32.95 2.09 0.00	32.36 2.18 0.00	34.41 2.45 0.00	45.64 3.05 0.00	61.52 4.18 0.00	45.24 3.40 0.00	44.38 3.24 -4.17	47.92 3.38 -5.95	35.21 2.75 0.00	36.31 2.86 0.00	33.18 2.40 0.00	102.21 5.72 -27.21	55.47 3.63 -10.54	41.76 3.22 -0.96	51.31 1.78 -28.82	37.74 0.90 -26.34	40.01 1.15 -25.30	33.92 2.81 0.00	34.04 2.55 0.00
KEDC_GLWD_GT4 24219	43.81 2.57 0.00	35.96 2.15 0.00	29.55 1.62 0.00	30.43 1.75 0.00	30.18 1.78 0.00	32.81 1.96 0.00	32.17 1.99 0.00	34.20 2.25 0.00	45.50 2.91 0.00	61.25 3.91 0.00	44.92 3.08 0.00	46.99 2.85 -7.17	51.89 3.08 -10.23	35.03 2.57 0.00	36.11 2.65 0.00	33.11 2.33 0.00	107.24 5.43 -32.53	61.12 3.36 -16.45	41.59 3.05 -0.96	51.20 1.67 -28.82	37.68 0.83 -26.34	39.92 1.07 -25.30	33.57 2.45 0.00	33.81 2.32 0.00
KEDC_GLWD_GT5 24220	43.81 2.57 0.00	35.96 2.15 0.00	29.55 1.62 0.00	30.43 1.75 0.00	30.18 1.78 0.00	32.81 1.96 0.00	32.17 1.99 0.00	34.20 2.25 0.00	45.50 2.91 0.00	61.25 3.91 0.00	44.92 3.08 0.00	46.99 2.85 -7.17	51.89 3.08 -10.23	35.03 2.57 0.00	36.11 2.65 0.00	33.11 2.33 0.00	107.24 5.43 -32.53	61.12 3.36 -16.45	41.59 3.05 -0.96	51.20 1.67 -28.82	37.68 0.83 -26.34	39.92 1.07 -25.30	33.57 2.45 0.00	33.81 2.32 0.00

KENSICO____ 23655	43.46 2.22 0.00	35.65 1.83 0.00	29.34 1.41 0.00	30.16 1.47 0.00	29.96 1.56 0.00	32.55 1.69 0.00	31.91 1.73 0.00	33.91 1.96 0.00	45.13 2.54 0.00	60.68 3.34 0.00	44.45 2.61 0.00	39.37 2.40 0.00	41.21 2.62 0.00	34.67 2.21 0.00	35.69 2.24 0.00	32.84 2.05 0.00	98.36 4.82 -24.26	46.58 2.98 -2.30	41.20 2.67 -0.96	50.96 1.46 -28.79	37.54 0.71 -26.31	39.74 0.92 -25.27	33.20 2.08 0.00	33.48 1.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.70 2.46 0.00	35.82 2.00 0.00	29.49 1.56 0.00	30.29 1.60 0.00	30.09 1.70 0.00	32.74 1.89 0.00	32.13 1.95 0.00	34.14 2.18 0.00	45.43 2.85 0.00	61.08 3.74 0.00	44.79 2.95 0.00	39.57 2.60 0.00	41.35 2.77 0.00	34.73 2.27 0.00	35.84 2.38 0.00	32.98 2.19 0.00	97.82 5.38 -23.16	46.92 3.41 -2.21	41.58 3.07 -0.92	50.20 1.65 -27.84	36.75 0.79 -25.44	39.00 1.01 -24.44	33.37 2.26 0.00	33.64 2.15 0.00
KIAC_JFK_GT1 23816	43.49 2.26 0.00	35.70 1.88 0.00	29.39 1.46 0.00	30.16 1.47 0.00	29.99 1.60 0.00	32.50 1.65 0.00	31.91 1.74 0.00	33.87 1.91 0.00	45.10 2.52 0.00	60.63 3.29 0.00	44.42 2.58 0.00	39.39 2.42 0.00	41.35 2.76 0.00	34.83 2.37 0.00	35.78 2.33 0.00	32.73 1.94 0.00	99.52 4.65 -25.59	46.52 2.91 -2.31	41.10 2.56 -0.96	50.92 1.39 -28.82	37.54 0.69 -26.34	39.86 1.01 -25.30	33.48 2.36 0.00	33.77 2.28 0.00
KIAC_JFK_GT2 23817	43.49 2.26 0.00	35.70 1.88 0.00	29.39 1.46 0.00	30.16 1.47 0.00	29.99 1.60 0.00	32.50 1.65 0.00	31.91 1.74 0.00	33.87 1.91 0.00	45.10 2.52 0.00	60.63 3.29 0.00	44.42 2.58 0.00	39.39 2.42 0.00	41.35 2.76 0.00	34.83 2.37 0.00	35.78 2.33 0.00	32.73 1.94 0.00	99.52 4.65 -25.59	46.52 2.91 -2.31	41.10 2.56 -0.96	50.92 1.39 -28.82	37.54 0.69 -26.34	39.86 1.01 -25.30	33.48 2.36 0.00	33.77 2.28 0.00
KIAC_JFK____ 323774	43.49 2.26 0.00	35.70 1.88 0.00	29.39 1.46 0.00	30.16 1.47 0.00	29.99 1.60 0.00	32.51 1.65 0.00	31.91 1.73 0.00	33.87 1.91 0.00	45.10 2.52 0.00	60.63 3.28 0.00	44.42 2.58 0.00	39.40 2.43 0.00	41.35 2.76 0.00	34.83 2.37 0.00	35.78 2.33 0.00	32.73 1.94 0.00	99.48 4.62 -25.59	46.50 2.89 -2.31	41.10 2.56 -0.96	50.92 1.39 -28.82	37.54 0.69 -26.34	39.86 1.01 -25.30	33.48 2.36 0.00	33.77 2.28 0.00
KINTIGH____ 23543	39.41 -1.83 0.00	32.12 -1.70 0.00	26.54 -1.39 0.00	27.30 -1.39 0.00	27.14 -1.25 0.00	29.54 -1.32 0.00	28.75 -1.43 0.00	29.87 -2.09 0.00	40.02 -2.57 0.00	53.88 -3.46 0.00	39.01 -2.83 0.00	34.49 -2.48 0.00	35.95 -2.64 0.00	30.41 -2.05 0.00	31.48 -1.97 0.00	28.67 -2.11 0.00	66.38 -5.60 -2.70	38.14 -2.97 0.20	32.40 -2.83 2.35	18.45 -1.53 0.73	12.26 -0.74 0.35	14.38 -1.00 -1.82	28.36 -2.11 0.65	29.57 -1.92 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.55 1.32 0.00	35.12 1.30 0.00	28.59 0.66 0.00	28.40 -0.29 0.00	27.47 -0.93 0.00	29.95 -0.91 0.00	29.67 -0.51 0.00	30.86 -1.10 0.00	41.17 -1.42 0.00	56.44 -0.90 0.00	41.13 -0.70 0.00	36.00 -0.97 0.00	36.85 -1.74 0.00	30.60 -1.86 0.00	31.65 -1.80 0.00	26.12 -2.60 2.06	64.42 -5.34 -0.49	37.29 -4.06 -0.05	34.40 -3.20 -0.02	19.13 -1.71 -0.13	10.39 -0.64 -0.52	13.17 -0.88 -0.50	28.90 -2.21 0.00	6.06 -2.46 22.97
LACHUTE____HYDRO 323717	44.76 3.53 0.00	37.09 3.27 0.00	30.32 2.39 0.00	31.37 2.69 0.00	31.04 2.64 0.00	33.64 2.79 0.00	33.16 2.99 0.00	35.63 3.67 0.00	47.81 5.22 0.00	64.25 6.91 0.00	46.88 5.05 0.00	40.98 4.01 0.00	42.52 3.93 0.00	35.20 2.74 0.00	36.37 2.91 0.00	33.35 2.57 0.00	103.93 6.51 -28.15	47.39 3.42 -2.67	42.03 3.35 -1.11	55.75 1.76 -33.28	41.87 0.94 -30.42	43.97 1.20 -29.22	33.70 2.58 -0.01	33.89 2.40 0.00
LAWRNCV_115KV_TB1 80681	41.86 0.62 0.00	34.48 0.66 0.00	28.16 0.23 0.00	27.93 -0.76 0.00	27.24 -1.16 0.00	29.74 -1.11 0.00	29.37 -0.81 0.00	30.54 -1.41 0.00	40.83 -1.76 0.00	55.87 -1.47 0.00	40.48 -1.36 0.00	35.51 -1.46 0.00	36.71 -1.88 0.00	30.61 -1.85 0.00	31.66 -1.80 0.00	26.71 -2.35 1.73	65.47 -4.44 -0.63	38.11 -3.26 -0.06	34.99 -2.61 -0.02	19.57 -1.51 -0.37	10.59 -0.59 -0.67	13.38 -0.82 -0.65	29.07 -2.05 0.00	10.09 -2.16 19.24
LEDERLE____ 23769	43.52 2.28 0.00	35.72 1.90 0.00	29.41 1.48 0.00	30.21 1.53 0.00	30.04 1.65 0.00	32.67 1.82 0.00	32.03 1.86 0.00	34.03 2.08 0.00	45.26 2.68 0.00	60.82 3.48 0.00	44.54 2.71 0.00	39.42 2.45 0.00	41.26 2.67 0.00	34.72 2.27 0.00	35.76 2.30 0.00	32.92 2.13 0.00	98.13 5.02 -23.83	46.71 3.14 -2.26	41.31 2.79 -0.94	50.53 1.52 -28.30	37.10 0.73 -25.86	39.32 0.93 -24.84	33.21 2.09 0.00	33.49 2.00 0.00
LIGHTHSE_115KV_TB6 355974	40.77 -0.47 0.00	33.41 -0.41 0.00	27.60 -0.34 0.00	28.15 -0.54 0.00	27.85 -0.54 0.00	30.39 -0.46 0.00	29.59 -0.58 0.00	31.37 -0.58 0.00	41.97 -0.62 0.00	56.47 -0.87 0.00	41.02 -0.82 0.00	36.19 -0.78 0.00	37.89 -0.70 0.00	31.89 -0.57 0.00	32.90 -0.56 0.00	30.07 -0.55 0.17	70.07 -1.08 -1.87	40.80 -0.67 -0.18	36.87 -0.78 -0.07	22.32 -0.55 -2.16	12.22 -0.29 -2.01	15.12 -0.37 -1.93	30.22 -0.89 0.00	28.69 -0.89 1.90
LINDEN COGEN____ 23786	43.62 2.39 0.00	35.78 1.97 0.00	29.42 1.49 0.00	30.22 1.53 0.00	30.03 1.64 0.00	32.62 1.77 0.00	31.99 1.81 0.00	33.98 2.03 0.00	45.19 2.60 0.00	60.73 3.39 0.00	44.50 2.66 0.00	39.42 2.45 0.00	41.30 2.72 0.00	34.78 2.32 0.00	35.79 2.34 0.00	32.91 2.13 0.00	98.54 4.98 -24.29	46.70 3.09 -2.31	41.30 2.77 -0.96	51.03 1.50 -28.82	37.59 0.74 -26.34	39.81 0.96 -25.30	33.33 2.22 0.00	33.61 2.12 0.00
LINDHRST_69_KV_BK1 356055	44.23 2.99 0.00	36.33 2.51 0.00	29.76 1.83 0.00	30.75 2.07 0.00	30.43 2.03 0.00	33.10 2.24 0.00	32.46 2.28 0.00	34.54 2.59 0.00	45.88 3.30 0.00	61.83 4.49 0.00	45.45 3.61 0.00	44.95 3.32 -4.66	48.80 3.57 -6.64	35.38 2.92 0.00	36.54 3.08 0.00	33.40 2.61 0.00	103.60 6.19 -28.13	56.69 3.90 -11.49	41.99 3.45 -0.96	51.45 1.92 -28.82	37.82 0.97 -26.34	40.09 1.24 -25.30	34.02 2.90 0.00	34.17 2.68 0.00
LIPA_MISC_IPP 23656	43.91 2.67 0.00	36.05 2.23 0.00	29.50 1.57 0.00	30.55 1.87 0.00	30.17 1.77 0.00	32.79 1.94 0.00	32.27 2.10 0.00	34.28 2.33 0.00	45.36 2.77 0.00	61.13 3.79 0.00	44.96 3.12 0.00	44.13 3.00 -4.16	47.63 3.12 -5.93	34.97 2.51 0.00	36.04 2.58 0.00	32.93 2.15 0.00	101.80 5.34 -27.19	55.24 3.43 -10.51	41.51 2.97 -0.96	51.17 1.64 -28.82	37.68 0.82 -26.34	39.92 1.06 -25.30	33.79 2.67 0.00	33.89 2.40 0.00
LISF____SOLAR 323691	43.97 2.73 0.00	36.09 2.27 0.00	29.53 1.60 0.00	30.59 1.90 0.00	30.20 1.81 0.00	32.84 1.98 0.00	32.32 2.15 0.00	34.33 2.37 0.00	45.43 2.84 0.00	61.22 3.88 0.00	45.02 3.18 0.00	44.20 3.07 -4.16	47.71 3.18 -5.94	35.02 2.56 0.00	36.07 2.61 0.00	32.97 2.19 0.00	101.84 5.36 -27.20	55.25 3.43 -10.52	41.59 3.05 -0.96	51.21 1.68 -28.82	37.69 0.84 -26.34	39.94 1.09 -25.30	33.84 2.72 0.00	33.95 2.46 0.00

LITTLE FALLS___HYD 24013	41.58 0.35 0.00	34.02 0.20 0.00	28.17 0.24 0.00	29.04 0.35 0.00	28.79 0.39 0.00	31.08 0.22 0.00	30.30 0.12 0.00	32.41 0.46 0.00	42.96 0.37 0.00	57.77 0.43 0.00	42.15 0.31 0.00	37.13 0.16 0.00	38.55 -0.04 0.00	32.13 -0.33 0.00	33.22 -0.23 0.00	30.99 0.20 0.00	70.34 0.71 -0.35	41.61 0.27 -0.03	38.04 0.44 -0.01	21.42 0.30 -0.41	10.98 0.09 -0.38	14.00 0.09 -0.36	31.23 0.12 0.00	31.47 -0.02 0.00
LITTLRIV_115KV_TB1 356100	42.32 1.08 0.00	34.84 1.02 0.00	28.44 0.51 0.00	28.20 -0.48 0.00	27.53 -0.87 0.00	30.07 -0.78 0.00	29.71 -0.47 0.00	30.91 -1.05 0.00	41.35 -1.24 0.00	56.61 -0.73 0.00	40.96 -0.88 0.00	35.87 -1.10 0.00	37.05 -1.54 0.00	30.94 -1.51 0.00	32.05 -1.40 0.00	27.10 -2.00 1.69	66.34 -3.58 -0.64	38.58 -2.78 -0.06	35.44 -2.16 -0.03	19.84 -1.26 -0.39	10.74 -0.46 -0.69	13.55 -0.66 -0.66	29.42 -1.70 0.00	10.83 -1.83 18.83
LI_NEWBRDGE___DRP 323616	43.56 2.33 0.00	35.79 1.97 0.00	29.35 1.42 0.00	30.31 1.63 0.00	30.00 1.61 0.00	32.62 1.77 0.00	31.99 1.81 0.00	34.01 2.06 0.00	45.19 2.61 0.00	60.85 3.51 0.00	44.74 2.90 0.00	43.54 2.70 -3.87	46.99 2.88 -5.52	34.82 2.36 0.00	35.95 2.49 0.00	32.89 2.11 0.00	100.60 4.93 -26.40	54.34 3.10 -9.94	41.30 2.76 -0.96	51.06 1.53 -28.82	37.62 0.77 -26.34	39.84 0.99 -25.30	33.45 2.33 0.00	33.63 2.14 0.00
LOCKPORT_115KV_TB60_63_64 80432	39.70 -1.54 0.00	32.35 -1.47 0.00	26.72 -1.21 0.00	27.49 -1.20 0.00	27.33 -1.07 0.00	29.76 -1.10 0.00	28.95 -1.23 0.00	29.90 -2.05 0.00	40.03 -2.56 0.00	53.78 -3.56 0.00	38.79 -3.05 0.00	34.26 -2.71 0.00	35.66 -2.93 0.00	30.24 -2.21 0.00	31.33 -2.13 0.00	28.48 -2.31 0.00	65.73 -6.27 -2.72	37.68 -3.22 0.40	31.51 -2.99 3.07	17.40 -1.56 1.75	12.33 -0.79 -2.61	14.31 -1.03 -1.79	28.11 -2.22 0.78	29.47 -2.03 0.00
LOCKPORT___CC1 323769	39.66 -1.57 0.00	32.31 -1.48 0.02	26.69 -1.23 0.01	27.47 -1.21 0.00	27.31 -1.08 0.00	29.72 -1.14 0.00	28.91 -1.26 0.00	29.88 -2.08 0.00	40.00 -2.59 0.00	53.77 -3.57 0.00	38.77 -3.07 0.00	34.26 -2.71 0.00	35.68 -2.91 0.00	30.21 -2.25 0.00	31.30 -2.15 0.00	28.45 -2.33 0.00	65.63 -6.33 -2.68	37.61 -3.24 0.45	31.31 -3.07 3.20	17.15 -1.60 1.96	12.33 -0.80 -2.62	14.28 -1.05 -1.77	28.02 -2.30 0.79	29.46 -2.04 0.00
LOCKPORT___CC2 323770	39.66 -1.57 0.00	32.31 -1.48 0.02	26.69 -1.23 0.01	27.47 -1.21 0.00	27.31 -1.08 0.00	29.72 -1.14 0.00	28.91 -1.26 0.00	29.88 -2.08 0.00	40.00 -2.59 0.00	53.77 -3.57 0.00	38.77 -3.07 0.00	34.26 -2.71 0.00	35.68 -2.91 0.00	30.21 -2.25 0.00	31.30 -2.15 0.00	28.45 -2.33 0.00	65.63 -6.33 -2.68	37.61 -3.24 0.45	31.31 -3.07 3.20	17.15 -1.60 1.96	12.33 -0.80 -2.62	14.28 -1.05 -1.77	28.02 -2.30 0.79	29.46 -2.04 0.00
LOCKPORT___CC3 323771	39.66 -1.57 0.00	32.31 -1.48 0.02	26.69 -1.23 0.01	27.47 -1.21 0.00	27.31 -1.08 0.00	29.72 -1.14 0.00	28.91 -1.26 0.00	29.88 -2.08 0.00	40.00 -2.59 0.00	53.77 -3.57 0.00	38.77 -3.07 0.00	34.26 -2.71 0.00	35.68 -2.91 0.00	30.21 -2.25 0.00	31.30 -2.15 0.00	28.45 -2.33 0.00	65.63 -6.33 -2.68	37.61 -3.24 0.45	31.31 -3.07 3.20	17.15 -1.60 1.96	12.33 -0.80 -2.62	14.28 -1.05 -1.77	28.02 -2.30 0.79	29.46 -2.04 0.00
LONG_LAKE_PHOENIX 24014	40.54 -0.69 0.00	33.17 -0.64 0.00	27.42 -0.51 0.00	28.18 -0.51 0.00	27.93 -0.47 0.00	30.36 -0.49 0.00	29.67 -0.51 0.00	31.41 -0.55 0.00	41.92 -0.67 0.00	56.34 -1.00 0.00	41.01 -0.82 0.00	36.28 -0.69 0.00	37.89 -0.70 0.00	31.89 -0.57 0.00	32.91 -0.54 0.00	30.23 -0.50 0.05	70.21 -1.15 -2.08	40.89 -0.61 -0.20	37.04 -0.63 -0.08	22.78 -0.35 -2.43	12.55 -0.19 -2.23	15.46 -0.24 -2.14	30.61 -0.51 0.00	30.46 -0.46 0.58
LOVETT___3 23632	43.30 2.07 0.00	35.55 1.73 0.00	29.28 1.35 0.00	30.07 1.39 0.00	29.90 1.51 0.00	32.51 1.66 0.00	31.87 1.69 0.00	33.86 1.90 0.00	45.03 2.44 0.00	60.50 3.15 0.00	44.31 2.47 0.00	39.21 2.24 0.00	41.06 2.46 0.00	34.54 2.09 0.00	35.56 2.11 0.00	32.74 1.95 0.00	97.77 4.61 -23.88	46.45 2.89 -2.27	41.08 2.55 -0.94	50.45 1.39 -28.36	37.09 0.67 -25.91	39.30 0.85 -24.89	33.04 1.92 0.00	33.33 1.85 0.00
LOVETT___4 23642	43.30 2.07 0.00	35.55 1.73 0.00	29.28 1.35 0.00	30.07 1.39 0.00	29.90 1.51 0.00	32.51 1.66 0.00	31.87 1.69 0.00	33.86 1.90 0.00	45.03 2.44 0.00	60.50 3.15 0.00	44.31 2.47 0.00	39.21 2.24 0.00	41.06 2.46 0.00	34.54 2.09 0.00	35.56 2.11 0.00	32.74 1.95 0.00	97.77 4.61 -23.88	46.45 2.89 -2.27	41.08 2.55 -0.94	50.45 1.39 -28.36	37.09 0.67 -25.91	39.30 0.85 -24.89	33.04 1.92 0.00	33.33 1.85 0.00
LOVETT___5 23593	43.30 2.07 0.00	35.55 1.73 0.00	29.28 1.35 0.00	30.07 1.39 0.00	29.90 1.51 0.00	32.51 1.66 0.00	31.87 1.69 0.00	33.86 1.90 0.00	45.03 2.44 0.00	60.50 3.15 0.00	44.31 2.47 0.00	39.21 2.24 0.00	41.06 2.46 0.00	34.54 2.09 0.00	35.56 2.11 0.00	32.74 1.95 0.00	97.77 4.61 -23.88	46.45 2.89 -2.27	41.08 2.55 -0.94	50.45 1.39 -28.36	37.09 0.67 -25.91	39.30 0.85 -24.89	33.04 1.92 0.00	33.33 1.85 0.00
LOWER RAQUET___HYD 24057	41.89 0.66 0.00	34.50 0.68 0.00	28.18 0.25 0.00	27.93 -0.75 0.00	27.25 -1.15 0.00	29.78 -1.07 0.00	29.39 -0.79 0.00	30.57 -1.39 0.00	40.88 -1.71 0.00	55.93 -1.41 0.00	40.52 -1.32 0.00	35.54 -1.43 0.00	36.74 -1.85 0.00	30.65 -1.81 0.00	31.70 -1.75 0.00	26.83 -2.30 1.66	65.63 -4.30 -0.66	38.21 -3.16 -0.06	35.05 -2.56 -0.03	19.64 -1.49 -0.42	10.62 -0.59 -0.70	13.41 -0.81 -0.68	29.09 -2.03 0.00	10.86 -2.18 18.45
LOWER___HUDSON 24059	42.63 1.40 0.00	35.09 1.27 0.00	28.97 1.04 0.00	29.80 1.11 0.00	29.51 1.12 0.00	32.04 1.19 0.00	31.33 1.15 0.00	33.28 1.32 0.00	44.31 1.72 0.00	59.76 2.42 0.00	43.65 1.81 0.00	38.53 1.56 0.00	40.20 1.61 0.00	33.74 1.28 0.00	34.72 1.27 0.00	32.02 1.24 0.00	99.85 2.84 -27.73	45.49 1.55 -2.63	40.19 1.52 -1.09	54.40 0.88 -32.81	40.93 0.44 -29.98	42.92 0.57 -28.80	32.38 1.26 -0.01	32.71 1.22 0.00
LOWVILLE_115KV_TB2 356335	41.56 0.32 0.00	34.22 0.39 0.00	28.17 0.24 0.00	28.30 -0.39 0.00	27.85 -0.55 0.00	30.67 -0.18 0.00	29.70 -0.47 0.00	31.43 -0.52 0.00	42.08 -0.50 0.00	56.89 -0.45 0.00	41.31 -0.53 0.00	36.33 -0.64 0.00	38.05 -0.54 0.00	31.94 -0.51 0.00	32.94 -0.51 0.00	29.74 -0.59 0.46	69.52 -0.78 -1.02	40.84 -0.56 -0.10	36.94 -0.68 -0.04	21.08 -0.72 -1.10	11.15 -0.46 -1.10	14.02 -0.59 -1.05	29.49 -1.62 0.00	24.63 -1.78 5.07
LUTHERFT_115KV_GLOB_FND_222 355753	43.18 1.94 0.00	35.52 1.70 0.00	29.31 1.37 0.00	30.15 1.47 0.00	29.87 1.48 0.00	32.47 1.61 0.00	31.76 1.59 0.00	33.79 1.83 0.00	45.02 2.44 0.00	60.74 3.40 0.00	44.30 2.46 0.00	39.00 2.03 0.00	40.63 2.04 0.00	33.92 1.46 0.00	34.97 1.52 0.00	32.26 1.48 0.00	100.84 3.45 -28.11	45.93 1.96 -2.67	40.57 1.89 -1.10	55.01 1.06 -33.24	41.42 0.53 -30.38	43.42 0.68 -29.18	32.64 1.52 -0.01	32.93 1.45 0.00

LUTHERNY_35_KV_BK2 355980	43.18 1.95 0.00	35.50 1.69 0.00	29.29 1.36 0.00	30.14 1.45 0.00	29.86 1.46 0.00	32.47 1.61 0.00	31.73 1.56 0.00	33.82 1.86 0.00	45.03 2.44 0.00	60.76 3.42 0.00	44.29 2.45 0.00	39.01 2.05 0.00	40.66 2.07 0.00	33.93 1.47 0.00	34.97 1.52 0.00	32.28 1.49 0.00	100.90 3.51 -28.11	45.99 2.02 -2.67	40.60 1.92 -1.10	55.03 1.08 -33.24	41.42 0.54 -30.38	43.42 0.68 -29.18	32.68 1.56 -0.01	32.92 1.44 0.00
LWR___OSWEGATCHIE_HYD 23850	41.45 0.21 0.00	34.12 0.30 0.00	27.96 0.03 0.00	27.88 -0.80 0.00	27.32 -1.08 0.00	29.98 -0.87 0.00	29.32 -0.86 0.00	30.79 -1.17 0.00	41.17 -1.41 0.00	56.00 -1.34 0.00	40.57 -1.26 0.00	35.64 -1.33 0.00	37.09 -1.50 0.00	31.04 -1.41 0.00	32.08 -1.38 0.00	27.99 -1.68 1.12	67.12 -3.04 -0.88	39.23 -2.16 -0.08	35.70 -1.91 -0.03	20.24 -1.26 -0.80	10.86 -0.59 -0.94	13.66 -0.80 -0.91	29.06 -2.05 0.00	16.84 -2.20 12.45
LYONS_FALL_HYD 23570	41.79 0.55 0.00	34.35 0.53 0.00	28.32 0.38 0.00	28.68 0.00 0.00	28.29 -0.11 0.00	31.01 0.15 0.00	30.15 -0.03 0.00	31.92 -0.03 0.00	42.70 0.11 0.00	57.64 0.29 0.00	41.91 0.07 0.00	36.91 -0.06 0.00	38.57 -0.02 0.00	32.44 -0.02 0.00	33.45 0.00 0.00	30.43 -0.07 0.29	70.45 0.22 -0.95	41.45 0.05 -0.09	37.55 -0.07 -0.04	21.50 -0.27 -1.06	11.33 -0.20 -1.02	14.28 -0.26 -0.98	30.34 -0.77 0.00	27.35 -0.89 3.25
MADISON___COUNTY_LFGE 323628	42.17 0.94 0.00	34.56 0.74 0.00	28.59 0.66 0.00	29.32 0.63 0.00	29.04 0.65 0.00	31.62 0.77 0.00	30.89 0.72 0.00	32.74 0.78 0.00	43.78 1.19 0.00	58.86 1.52 0.00	42.87 1.03 0.00	37.79 0.82 0.00	39.41 0.82 0.00	33.24 0.79 0.00	34.31 0.86 0.00	31.48 0.78 0.07	72.67 1.88 -1.52	42.43 0.99 -0.14	38.45 0.81 -0.06	22.86 0.37 -1.78	12.31 0.16 -1.64	15.33 0.20 -1.57	31.51 0.39 0.00	31.02 0.36 0.84
MALONE___115KV_TB1 356076	42.22 0.99 0.00	34.80 0.98 0.00	28.37 0.44 0.00	28.13 -0.55 0.00	27.32 -1.08 0.00	29.80 -1.05 0.00	29.50 -0.68 0.00	30.67 -1.28 0.00	41.01 -1.58 0.00	56.25 -1.09 0.00	40.88 -0.96 0.00	35.77 -1.20 0.00	36.75 -1.84 0.00	30.56 -1.90 0.00	31.61 -1.85 0.00	26.26 -2.59 1.94	64.72 -5.09 -0.54	37.55 -3.80 -0.05	34.60 -2.99 -0.02	19.27 -1.66 -0.22	10.45 -0.64 -0.58	13.24 -0.87 -0.56	28.87 -2.24 0.00	7.47 -2.44 21.58
MAPLEWOD_115KV_TB3 80458	42.22 0.98 0.00	34.73 0.91 0.00	28.72 0.79 0.00	29.54 0.85 0.00	29.27 0.88 0.00	31.75 0.90 0.00	31.04 0.87 0.00	32.96 1.00 0.00	43.85 1.26 0.00	59.16 1.82 0.00	43.21 1.37 0.00	38.16 1.19 0.00	39.81 1.22 0.00	33.46 1.00 0.00	34.47 1.02 0.00	31.83 1.05 0.00	99.25 2.36 -27.61	45.24 1.32 -2.62	39.94 1.27 -1.09	54.10 0.74 -32.66	40.72 0.37 -29.84	42.69 0.47 -28.67	32.15 1.03 -0.01	32.45 0.96 0.00
MAPLE_RIDGE_WT_1 323574	41.23 0.00 0.00	33.92 0.10 0.00	27.87 -0.05 0.00	28.19 -0.49 0.00	27.62 -0.77 0.00	30.06 -0.80 0.00	29.50 -0.67 0.00	30.94 -1.01 0.00	41.28 -1.31 0.00	56.05 -1.29 0.00	40.89 -0.95 0.00	36.06 -0.91 0.00	37.49 -1.10 0.00	31.37 -1.09 0.00	32.31 -1.15 0.00	27.19 -1.26 2.33	66.82 -2.46 0.00	39.59 -1.72 0.00	36.10 -1.48 0.00	19.31 -0.90 0.50	10.07 -0.44 0.00	12.97 -0.58 0.00	29.68 -1.43 0.00	4.03 -1.53 25.93
MAPLE_RIDGE_WT_2 323611	41.23 0.00 0.00	33.92 0.10 0.00	27.87 -0.05 0.00	28.19 -0.49 0.00	27.62 -0.77 0.00	30.06 -0.80 0.00	29.50 -0.67 0.00	30.94 -1.01 0.00	41.28 -1.31 0.00	56.05 -1.29 0.00	40.89 -0.95 0.00	36.06 -0.91 0.00	37.49 -1.10 0.00	31.37 -1.09 0.00	32.31 -1.15 0.00	27.19 -1.26 2.33	66.82 -2.46 0.00	39.59 -1.72 0.00	36.10 -1.48 0.00	19.31 -0.90 0.50	10.07 -0.44 0.00	12.97 -0.58 0.00	29.68 -1.43 0.00	4.03 -1.53 25.93
MARBLE_RIVER_WT_PWR 323696	41.90 0.66 0.00	34.53 0.71 0.00	28.16 0.23 0.00	27.94 -0.75 0.00	27.07 -1.32 0.00	29.50 -1.35 0.00	29.22 -0.96 0.00	30.35 -1.61 0.00	40.50 -2.09 0.00	55.52 -1.82 0.00	40.41 -1.43 0.00	35.33 -1.64 0.00	36.21 -2.38 0.00	30.08 -2.38 0.00	31.11 -2.35 0.00	25.66 -3.05 2.07	63.37 -6.39 -0.48	36.72 -4.63 -0.05	33.85 -3.75 -0.02	18.80 -2.04 -0.12	10.21 -0.81 -0.52	12.97 -1.08 -0.50	28.45 -2.67 0.00	5.49 -2.91 23.08
MARSHVLE_115KV_TB1 80742	43.56 2.33 0.00	35.66 1.85 0.00	29.28 1.35 0.00	29.91 1.22 0.00	29.58 1.18 0.00	32.19 1.33 0.00	31.58 1.40 0.00	33.39 1.44 0.00	44.49 1.91 0.00	59.89 2.55 0.00	43.45 1.61 0.00	38.29 1.33 0.00	40.11 1.52 0.00	33.52 1.06 0.00	34.61 1.15 0.00	32.02 1.24 0.00	103.55 2.84 -31.43	46.18 1.90 -2.98	40.63 1.82 -1.23	58.62 0.90 -37.01	44.79 0.46 -33.82	46.63 0.58 -32.49	32.35 1.23 -0.01	32.71 1.22 0.00
MARSH_HILL_WT_PWR 323713	40.46 -0.78 0.00	32.99 -0.83 0.00	27.31 -0.62 0.00	28.16 -0.52 0.00	27.82 -0.58 0.00	30.23 -0.62 0.00	29.22 -0.95 0.00	30.83 -1.12 0.00	41.27 -1.32 0.00	54.15 -3.19 0.00	39.67 -2.79 -0.61	34.50 -2.46 0.00	41.30 -1.89 -4.60	31.03 -1.42 0.00	31.74 -1.71 0.00	28.63 -2.15 0.00	71.91 -6.04 -8.68	41.68 -3.18 -3.55	34.82 -3.28 -0.51	25.70 -1.78 -6.77	11.55 -0.97 -2.01	13.58 -1.25 -1.28	26.29 -2.65 2.17	29.07 -2.42 0.00
MCINTYRE_115KV_TB2 80467	42.52 1.29 0.00	35.00 1.18 0.00	28.57 0.64 0.00	28.33 -0.36 0.00	27.63 -0.76 0.00	30.18 -0.67 0.00	29.85 -0.33 0.00	31.05 -0.91 0.00	41.53 -1.05 0.00	56.88 -0.46 0.00	41.09 -0.74 0.00	35.95 -1.02 0.00	37.11 -1.48 0.00	31.03 -1.43 0.00	32.18 -1.28 0.00	27.14 -1.90 1.75	66.57 -3.33 -0.62	38.71 -2.65 -0.06	35.57 -2.03 -0.02	19.90 -1.16 -0.35	10.77 -0.40 -0.67	13.61 -0.58 -0.64	29.59 -1.52 0.00	10.39 -1.65 19.44
MECO_____69_KV_BK1 80468	43.89 2.65 0.00	35.95 2.13 0.00	29.57 1.64 0.00	30.30 1.61 0.00	29.99 1.60 0.00	32.62 1.77 0.00	31.99 1.81 0.00	33.92 1.96 0.00	45.14 2.55 0.00	60.82 3.48 0.00	44.02 2.19 0.00	38.81 1.84 0.00	40.46 1.87 0.00	33.70 1.25 0.00	34.73 1.28 0.00	32.50 1.72 0.00	103.81 4.28 -30.26	46.87 2.71 -2.87	41.32 2.55 -1.19	57.75 1.36 -35.68	43.78 0.67 -32.61	45.71 0.84 -31.32	32.94 1.82 -0.01	33.25 1.76 0.00
MENANDS___115KV_TB5 355628	41.96 0.72 0.00	34.53 0.72 0.00	28.58 0.65 0.00	29.40 0.71 0.00	29.13 0.73 0.00	31.58 0.73 0.00	30.87 0.70 0.00	32.79 0.83 0.00	43.60 1.01 0.00	58.81 1.47 0.00	42.95 1.11 0.00	37.96 0.99 0.00	39.62 1.03 0.00	33.32 0.87 0.00	34.29 0.83 0.00	31.68 0.89 0.00	98.80 1.96 -27.56	44.99 1.07 -2.61	39.71 1.05 -1.08	53.93 0.61 -32.61	40.61 0.31 -29.80	42.57 0.39 -28.62	31.98 0.86 -0.01	32.29 0.80 0.00
MG INDUSTRY___DRP 24185	42.05 0.81 0.00	34.54 0.73 0.00	28.59 0.66 0.00	29.42 0.73 0.00	29.13 0.74 0.00	31.61 0.76 0.00	30.90 0.73 0.00	32.80 0.85 0.00	43.62 1.04 0.00	58.79 1.45 0.00	42.86 1.02 0.00	37.79 0.83 0.00	39.48 0.89 0.00	33.16 0.71 0.00	34.13 0.68 0.00	31.61 0.83 0.00	98.25 1.87 -27.10	44.86 0.98 -2.57	39.63 0.98 -1.07	53.37 0.58 -32.08	40.12 0.29 -29.32	42.09 0.37 -28.16	31.94 0.82 0.00	32.27 0.79 0.00

MID___OSWEGATCHIE_HYD 23849	41.45 0.21 0.00	34.12 0.30 0.00	27.96 0.03 0.00	27.88 -0.80 0.00	27.32 -1.08 0.00	29.98 -0.87 0.00	29.32 -0.86 0.00	30.79 -1.17 0.00	41.17 -1.41 0.00	56.00 -1.34 0.00	40.57 -1.26 0.00	35.64 -1.33 0.00	37.09 -1.50 0.00	31.04 -1.41 0.00	32.08 -1.38 0.00	27.99 -1.68 0.00	67.12 -3.04 -0.88	39.23 -2.16 -0.08	35.70 -1.91 -0.03	20.24 -1.26 -0.80	10.86 -0.59 -0.94	13.66 -0.80 -0.91	29.06 -2.05 0.00	16.84 -2.20 12.45
MID___RAQUETTE_HYD 23851	41.89 0.65 0.00	34.50 0.68 0.00	28.18 0.25 0.00	27.93 -0.75 0.00	27.25 -1.15 0.00	29.78 -1.07 0.00	29.39 -0.79 0.00	30.57 -1.39 0.00	40.88 -1.71 0.00	55.93 -1.41 0.00	40.52 -1.32 0.00	35.54 -1.43 0.00	36.74 -1.85 0.00	30.65 -1.81 0.00	31.70 -1.75 0.00	26.83 -2.30 1.66	65.62 -4.31 -0.66	38.18 -3.19 -0.06	35.03 -2.57 -0.03	19.63 -1.49 -0.42	10.62 -0.59 -0.70	13.41 -0.81 -0.68	29.06 -2.05 0.00	10.86 -2.18 18.45
MILLIKEN___1 23584	41.89 0.65 0.00	34.17 0.35 0.00	28.20 0.28 0.00	29.01 0.33 0.00	28.76 0.37 0.00	31.32 0.47 0.00	30.60 0.42 0.00	32.46 0.51 0.00	43.33 0.75 0.00	58.14 0.80 0.00	42.39 0.55 0.00	37.46 0.49 0.00	39.15 0.56 0.00	33.02 0.56 0.00	34.05 0.60 0.00	31.31 0.52 0.00	75.49 1.17 -5.05	42.80 0.81 -0.69	44.78 0.68 -6.52	38.48 0.33 -17.44	19.86 0.15 -9.20	24.28 0.18 -10.54	33.99 0.42 -2.45	31.90 0.41 0.00
MILLIKEN___2 23585	41.89 0.65 0.00	34.17 0.35 0.00	28.20 0.28 0.00	29.01 0.33 0.00	28.76 0.37 0.00	31.32 0.47 0.00	30.60 0.42 0.00	32.46 0.51 0.00	43.33 0.75 0.00	58.14 0.80 0.00	42.39 0.55 0.00	37.46 0.49 0.00	39.15 0.56 0.00	33.02 0.56 0.00	34.05 0.60 0.00	31.31 0.52 0.00	75.49 1.17 -5.05	42.80 0.81 -0.69	44.78 0.68 -6.52	38.48 0.33 -17.44	19.86 0.15 -9.20	24.28 0.18 -10.54	33.99 0.42 -2.45	31.90 0.41 0.00
MILLIKEN___DIESEL 23629	41.89 0.65 0.00	34.17 0.35 0.00	28.20 0.28 0.00	29.01 0.33 0.00	28.76 0.37 0.00	31.32 0.47 0.00	30.60 0.42 0.00	32.46 0.51 0.00	43.33 0.75 0.00	58.14 0.80 0.00	42.39 0.55 0.00	37.46 0.49 0.00	39.15 0.56 0.00	33.02 0.56 0.00	34.05 0.60 0.00	31.31 0.52 0.00	75.49 1.17 -5.05	42.80 0.81 -0.69	44.78 0.68 -6.52	38.48 0.33 -17.44	19.86 0.15 -9.20	24.28 0.18 -10.54	33.99 0.42 -2.45	31.90 0.41 0.00
MILLSEAT___LFGE 323607	40.43 -0.81 0.00	32.92 -0.88 0.02	27.19 -0.73 0.01	27.97 -0.72 0.00	27.82 -0.57 0.00	30.29 -0.56 0.00	29.51 -0.67 0.00	30.60 -1.35 0.00	40.97 -1.62 0.00	55.11 -2.23 0.00	39.78 -2.06 0.00	35.14 -1.83 0.00	36.61 -1.98 0.00	31.01 -1.45 0.00	32.11 -1.35 0.00	29.25 -1.54 0.00	67.76 -4.27 -2.75	38.95 -2.06 0.29	32.84 -1.99 2.75	18.41 -1.03 1.27	12.54 -0.52 -2.56	14.66 -0.70 -1.80	28.85 -1.53 0.73	30.17 -1.32 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.35 2.12 0.00	35.59 1.77 0.00	29.31 1.38 0.00	30.11 1.43 0.00	29.91 1.52 0.00	32.51 1.66 0.00	31.87 1.69 0.00	33.86 1.91 0.00	45.05 2.46 0.00	60.58 3.24 0.00	44.36 2.53 0.00	39.28 2.32 0.00	41.12 2.53 0.00	34.60 2.14 0.00	35.62 2.17 0.00	32.78 1.99 0.00	98.18 4.69 -24.22	46.50 2.90 -2.30	41.13 2.59 -0.95	50.86 1.42 -28.74	37.46 0.69 -26.26	39.67 0.88 -25.23	33.13 2.01 0.00	33.41 1.93 0.00
MILLWOOD_13_KV_LOAD 356217	43.40 2.17 0.00	35.62 1.80 0.00	29.34 1.41 0.00	30.16 1.47 0.00	29.96 1.57 0.00	32.55 1.70 0.00	31.91 1.73 0.00	33.91 1.95 0.00	45.12 2.53 0.00	60.67 3.32 0.00	44.43 2.59 0.00	39.34 2.37 0.00	41.17 2.58 0.00	34.64 2.18 0.00	35.66 2.20 0.00	32.81 2.03 0.00	98.29 4.80 -24.22	46.57 2.96 -2.30	41.19 2.66 -0.95	50.89 1.45 -28.74	37.48 0.71 -26.26	39.68 0.90 -25.23	33.16 2.05 0.00	33.45 1.96 0.00
MODEL_CITY_ENERGY 24167	39.29 -1.95 0.00	32.02 -1.78 0.02	26.44 -1.47 0.01	27.21 -1.47 0.00	27.05 -1.34 0.00	29.44 -1.42 0.00	28.65 -1.53 0.00	29.57 -2.39 0.00	39.56 -3.03 0.00	53.21 -4.13 0.00	38.35 -3.49 0.00	33.83 -3.14 0.00	35.23 -3.36 0.00	29.85 -2.61 0.00	30.94 -2.52 0.00	28.13 -2.66 0.00	64.88 -7.13 -2.73	37.16 -3.70 0.44	30.93 -3.44 3.21	17.01 -1.77 1.92	12.24 -0.91 -2.64	14.18 -1.16 -1.79	27.72 -2.60 0.80	29.14 -2.35 0.00
MODERN_LFGE___ 323580	39.29 -1.95 0.00	32.02 -1.78 0.02	26.44 -1.47 0.01	27.21 -1.47 0.00	27.05 -1.34 0.00	29.44 -1.42 0.00	28.65 -1.53 0.00	29.57 -2.39 0.00	39.56 -3.03 0.00	53.21 -4.13 0.00	38.35 -3.49 0.00	33.83 -3.14 0.00	35.23 -3.36 0.00	29.85 -2.61 0.00	30.94 -2.52 0.00	28.13 -2.66 0.00	64.88 -7.13 -2.73	37.16 -3.70 0.44	30.93 -3.44 3.21	17.01 -1.77 1.92	12.24 -0.91 -2.64	14.18 -1.16 -1.79	27.72 -2.60 0.80	29.14 -2.35 0.00
MOHAWK_PAPER___DRP 24187	42.22 0.98 0.00	34.73 0.91 0.00	28.72 0.79 0.00	29.54 0.85 0.00	29.27 0.88 0.00	31.75 0.90 0.00	31.04 0.87 0.00	32.96 1.00 0.00	43.85 1.26 0.00	59.16 1.82 0.00	43.21 1.37 0.00	38.16 1.19 0.00	39.81 1.22 0.00	33.46 1.00 0.00	34.47 1.02 0.00	31.83 1.05 0.00	99.25 2.36 -27.61	45.24 1.32 -2.62	39.94 1.27 -1.09	54.10 0.74 -32.66	40.72 0.37 -29.84	42.69 0.47 -28.67	32.15 1.03 -0.01	32.45 0.96 0.00
MOHICAN___35_KV_115KV_LD 80490	43.65 2.41 0.00	36.02 2.20 0.00	29.64 1.72 0.00	30.55 1.86 0.00	30.27 1.87 0.00	32.87 2.02 0.00	32.23 2.05 0.00	34.38 2.42 0.00	45.91 3.33 0.00	61.90 4.56 0.00	45.16 3.32 0.00	39.54 2.57 0.00	41.05 2.46 0.00	34.00 1.54 0.00	35.02 1.57 0.00	32.29 1.50 0.00	101.01 3.60 -28.13	45.93 1.96 -2.67	40.62 1.94 -1.11	55.05 1.08 -33.27	41.46 0.56 -30.40	43.47 0.72 -29.20	32.69 1.57 -0.01	32.95 1.46 0.00
MONGAUP___HYD 23641	43.66 2.42 0.00	35.79 1.97 0.00	29.48 1.55 0.00	30.29 1.60 0.00	30.08 1.69 0.00	32.72 1.87 0.00	32.09 1.91 0.00	34.12 2.16 0.00	45.41 2.82 0.00	60.98 3.64 0.00	44.68 2.84 0.00	39.52 2.55 0.00	41.15 2.56 0.00	34.57 2.11 0.00	35.66 2.21 0.00	32.91 2.13 0.00	97.43 5.16 -23.00	46.72 3.23 -2.18	41.47 2.98 -0.91	49.68 1.63 -27.34	36.30 0.81 -24.99	38.56 1.00 -24.00	33.35 2.23 0.00	33.62 2.13 0.00
MONTAUK___DIESEL 23721	45.23 4.00 0.00	36.85 3.03 0.00	29.86 1.93 0.00	31.24 2.55 0.00	30.54 2.15 0.00	33.05 2.20 0.00	32.31 2.14 0.00	33.86 1.91 0.00	44.51 1.92 0.00	60.12 2.78 0.00	44.27 2.43 0.00	43.55 2.43 -4.16	47.01 2.48 -5.93	34.31 1.85 0.00	35.35 1.89 0.00	32.31 1.53 0.00	100.76 4.29 -27.19	54.80 2.99 -10.51	40.99 2.45 -0.96	50.84 1.31 -28.82	37.49 0.64 -26.34	39.66 0.81 -25.30	33.18 2.06 0.00	33.20 1.71 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.46 0.23 0.00	33.71 -0.11 0.00	27.91 -0.02 0.00	28.79 0.10 0.00	28.54 0.15 0.00	31.09 0.23 0.00	30.49 0.32 0.00	31.62 -0.34 0.00	42.43 -0.16 0.00	56.49 -0.85 0.00	31.76 -1.10 8.97	35.90 -1.07 0.00	-30.41 -1.57 67.43	30.84 -1.61 0.00	31.87 -1.59 0.00	29.00 -1.79 0.00	67.39 -5.11 -3.23	38.37 -2.54 0.40	31.41 -2.43 3.74	16.87 -1.49 2.35	12.57 -0.75 -2.82	14.44 -0.92 -1.81	28.22 -1.86 1.03	29.93 -1.55 0.00

MORRIS_RIDGE___SOLAR 323848	40.45 -0.78 0.00	32.84 -0.98 0.00	27.17 -0.76 0.00	28.01 -0.68 0.00	27.78 -0.62 0.00	30.15 -0.71 0.00	29.22 -0.96 0.00	30.72 -1.24 0.00	41.00 -1.59 0.00	54.35 -2.99 0.00	39.21 -2.63 0.00	34.67 -2.30 0.00	36.41 -2.18 0.00	30.89 -1.57 0.00	31.75 -1.70 0.00	28.88 -1.90 0.00	63.56 -5.26 0.45	34.45 -2.77 4.08	23.08 -2.84 11.66	2.83 -1.54 16.34	12.53 -0.82 -2.84	13.00 -1.07 -0.52	27.32 -2.28 1.51	29.42 -2.07 0.00
MORTIMER_115KV_TB3 55949	40.26 -0.97 0.00	32.87 -0.95 0.00	27.14 -0.79 0.00	27.89 -0.80 0.00	27.70 -0.70 0.00	30.16 -0.69 0.00	29.43 -0.75 0.00	30.79 -1.17 0.00	41.19 -1.40 0.00	55.47 -1.87 0.00	40.25 -1.59 0.00	35.58 -1.40 0.00	37.12 -1.47 0.00	31.36 -1.10 0.00	32.43 -1.02 0.00	29.65 -1.13 0.00	69.24 -3.05 -3.01	40.05 -1.54 -0.28	34.89 -1.50 1.19	21.01 -0.82 -1.13	12.47 -0.40 -2.36	14.90 -0.56 -1.91	29.40 -1.17 0.54	30.44 -1.05 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.65 2.42 0.00	35.81 2.00 0.00	29.48 1.55 0.00	30.28 1.59 0.00	30.08 1.69 0.00	32.67 1.82 0.00	32.03 1.86 0.00	34.03 2.08 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.61 2.78 0.00	39.53 2.56 0.00	41.40 2.81 0.00	34.85 2.40 0.00	35.87 2.42 0.00	32.98 2.20 0.00	98.72 5.16 -24.29	46.79 3.18 -2.31	41.37 2.84 -0.96	51.08 1.55 -28.82	37.61 0.77 -26.34	39.84 0.99 -25.30	33.39 2.27 0.00	33.67 2.19 0.00
MUNSVILLE_WIND_PWR 323609	46.90 5.66 0.00	37.91 4.09 0.00	31.11 3.18 0.00	32.07 3.39 0.00	32.00 3.61 0.00	35.07 4.22 0.00	33.80 3.62 0.00	35.50 3.54 0.00	47.23 4.64 0.00	63.10 5.76 0.00	46.25 4.41 0.00	40.73 3.76 0.00	41.92 3.33 0.00	35.04 2.58 0.00	36.29 2.83 0.00	33.89 3.10 0.00	87.44 6.71 -11.45	46.29 3.93 -1.06	43.87 2.40 -3.89	37.46 1.12 -15.64	21.39 0.47 -10.42	25.09 0.57 -10.96	33.69 1.22 -1.36	32.71 1.22 0.00
N SALMON___HYD 24042	42.23 0.99 0.00	34.80 0.98 0.00	28.37 0.44 0.00	28.13 -0.55 0.00	27.32 -1.08 0.00	29.80 -1.05 0.00	29.50 -0.68 0.00	30.67 -1.28 0.00	41.01 -1.58 0.00	56.25 -1.09 0.00	40.88 -0.96 0.00	35.77 -1.20 0.00	36.75 -1.84 0.00	30.56 -1.90 0.00	31.61 -1.85 0.00	26.26 -2.59 1.94	64.72 -5.10 -0.54	37.58 -3.77 -0.05	34.63 -2.97 -0.02	19.27 -1.65 -0.22	10.45 -0.64 -0.58	13.24 -0.87 -0.56	28.89 -2.22 0.00	7.46 -2.45 21.58
N.AKRON__115KV_KNAPP 355671	40.27 -0.97 0.00	32.80 -1.02 0.00	27.09 -0.84 0.00	27.86 -0.83 0.00	27.71 -0.69 0.00	30.17 -0.68 0.00	29.38 -0.80 0.00	30.42 -1.54 0.00	40.73 -1.86 0.00	54.75 -2.59 0.00	39.51 -2.33 0.00	34.91 -2.06 0.00	36.34 -2.25 0.00	30.82 -1.64 0.00	31.92 -1.53 0.00	29.05 -1.74 0.00	67.20 -4.81 -2.74	38.56 -2.41 0.34	32.44 -2.26 2.88	18.08 -1.17 1.46	12.49 -0.60 -2.58	14.55 -0.79 -1.80	28.66 -1.70 0.75	29.96 -1.53 0.00
N.BELMOR_69_KV_BK1 55787	43.88 2.64 0.00	36.03 2.21 0.00	29.55 1.62 0.00	30.50 1.81 0.00	30.20 1.81 0.00	32.84 1.99 0.00	32.20 2.03 0.00	34.26 2.30 0.00	45.52 2.94 0.00	61.33 3.99 0.00	45.04 3.20 0.00	45.68 2.94 -5.77	50.01 3.19 -8.23	35.09 2.64 0.00	36.22 2.76 0.00	33.15 2.37 0.00	105.13 5.48 -30.38	58.40 3.41 -13.69	41.64 3.10 -0.96	51.26 1.73 -28.82	37.72 0.87 -26.34	39.96 1.11 -25.30	33.70 2.58 0.00	33.89 2.40 0.00
N.E_GEN_SANDY PD 24062	42.33 1.49 0.40	35.17 1.35 0.00	38.94 1.10 -9.91	35.98 1.16 -6.13	33.98 1.21 -4.38	36.29 1.29 -4.14	31.45 1.27 0.00	33.41 1.46 0.00	44.49 1.90 0.00	59.98 2.64 0.00	44.67 2.04 -0.79	39.83 1.84 -1.02	41.13 1.96 -0.58	34.60 1.63 -0.51	35.14 1.61 -0.08	33.01 1.53 -0.69	101.74 3.55 -28.91	45.42 2.03 -2.09	40.51 1.91 -1.02	56.65 1.09 -34.85	40.25 0.54 -29.20	43.37 0.70 -29.12	32.68 1.56 0.00	33.33 1.54 -0.30
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.38 2.15 0.00	35.61 1.79 0.00	29.32 1.40 0.00	30.13 1.44 0.00	29.96 1.56 0.00	32.57 1.72 0.00	31.92 1.75 0.00	33.92 1.97 0.00	45.11 2.53 0.00	60.61 3.27 0.00	44.39 2.55 0.00	39.28 2.31 0.00	41.12 2.53 0.00	34.61 2.15 0.00	35.63 2.17 0.00	32.80 2.02 0.00	97.88 4.75 -23.86	46.54 2.97 -2.27	41.16 2.64 -0.94	50.47 1.44 -28.33	37.08 0.69 -25.89	39.30 0.88 -24.86	33.10 1.98 0.00	33.39 1.90 0.00
N.QUEENS_27_KV_LOAD 356247	43.55 2.31 0.00	35.67 1.85 0.00	29.39 1.46 0.00	30.26 1.58 0.00	30.04 1.64 0.00	32.55 1.70 0.00	31.98 1.81 0.00	33.93 1.98 0.00	45.19 2.60 0.00	60.84 3.50 0.00	44.56 2.73 0.00	39.47 2.50 0.00	41.38 2.79 0.00	34.83 2.37 0.00	35.83 2.37 0.00	32.91 2.13 0.00	99.29 5.02 -24.99	46.77 3.16 -2.31	41.31 2.78 -0.96	51.05 1.52 -28.82	37.65 0.80 -26.34	39.87 1.02 -25.30	33.43 2.32 0.00	33.68 2.20 0.00
N.TROY___115KV_TB1 355778	42.63 1.40 0.00	35.09 1.27 0.00	28.97 1.05 0.00	29.80 1.11 0.00	29.51 1.12 0.00	32.04 1.19 0.00	31.33 1.15 0.00	33.28 1.32 0.00	44.31 1.72 0.00	59.77 2.43 0.00	43.65 1.81 0.00	38.53 1.56 0.00	40.21 1.62 0.00	33.74 1.28 0.00	34.73 1.27 0.00	32.02 1.24 0.00	99.85 2.84 -27.73	45.49 1.56 -2.63	40.18 1.51 -1.09	54.40 0.88 -32.81	40.93 0.44 -29.98	42.92 0.57 -28.80	32.38 1.26 -0.01	32.71 1.22 0.00
NARROWS_GT1_1 24228	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT1_2 24229	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT1_3 24230	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT1_4 24231	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00

NARROWS_GT1_5 24232	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT1_6 24233	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT1_7 24234	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT1_8 24235	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT2_1 24236	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT2_2 24237	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT2_3 24238	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT2_4 24239	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT2_5 24240	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT2_6 24241	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT2_7 24242	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NARROWS_GT2_8 24243	43.81 2.58 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.77 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.09 3.75 0.00	44.72 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.49 0.00	35.96 2.51 0.00	33.07 2.29 0.00	98.97 5.40 -24.29	46.93 3.32 -2.31	41.51 2.97 -0.96	51.16 1.64 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.76 1.52 0.00	35.12 1.31 0.00	29.09 1.16 0.00	29.95 1.26 0.00	29.66 1.26 0.00	32.17 1.31 0.00	31.48 1.30 0.00	33.50 1.54 0.00	44.57 1.98 0.00	60.26 2.92 0.00	43.87 2.03 0.00	38.46 1.49 0.00	39.94 1.35 0.00	33.73 1.27 0.00	34.55 1.10 0.00	32.17 1.38 0.00	98.70 2.95 -26.47	45.16 1.35 -2.51	40.24 1.62 -1.04	53.11 1.03 -31.37	39.68 0.50 -28.67	41.73 0.64 -27.54	32.49 1.37 0.00	32.77 1.28 0.00
NCHELSEA_115KV_TR2 355582	43.64 2.40 0.00	35.80 1.98 0.00	29.50 1.57 0.00	30.31 1.62 0.00	30.09 1.70 0.00	32.71 1.86 0.00	32.08 1.91 0.00	34.10 2.15 0.00	45.41 2.82 0.00	61.10 3.76 0.00	44.74 2.90 0.00	39.59 2.62 0.00	41.38 2.79 0.00	34.81 2.35 0.00	35.83 2.38 0.00	33.02 2.24 0.00	98.83 5.27 -24.29	46.84 3.23 -2.31	41.47 2.93 -0.96	51.14 1.59 -28.84	37.64 0.78 -26.36	39.85 0.98 -25.32	33.34 2.22 0.00	33.62 2.13 0.00
NEG CAPITAL___MECHNVIL 23645	43.14 1.90 0.00	35.49 1.68 0.00	29.29 1.36 0.00	30.13 1.44 0.00	29.84 1.45 0.00	32.42 1.57 0.00	31.73 1.56 0.00	33.75 1.80 0.00	44.98 2.39 0.00	60.69 3.35 0.00	44.29 2.45 0.00	39.00 2.03 0.00	40.66 2.07 0.00	33.98 1.53 0.00	35.02 1.57 0.00	32.32 1.53 0.00	100.84 3.57 -27.99	45.97 2.02 -2.65	40.62 1.94 -1.10	54.91 1.09 -33.11	41.31 0.55 -30.26	43.31 0.70 -29.06	32.67 1.55 -0.01	32.97 1.48 0.00



NEG CENTRAL_HIGH_ACRES 23767	39.80 -1.44 0.00	32.49 -1.32 0.01	26.83 -1.10 0.00	27.58 -1.10 0.00	27.36 -1.03 0.00	29.79 -1.06 0.00	29.09 -1.09 0.00	30.53 -1.42 0.00	40.82 -1.77 0.00	54.98 -2.36 0.00	39.93 -1.91 0.00	35.29 -1.68 0.00	36.86 -1.73 0.00	31.09 -1.37 0.00	32.15 -1.30 0.00	29.43 -1.36 0.00	68.81 -3.38 -2.92	39.77 -1.81 -0.27	34.98 -1.77 0.84	21.41 -0.98 -1.69	12.54 -0.48 -2.51	15.04 -0.65 -2.14	29.29 -1.43 0.39	30.16 -1.34 0.00
NEG CENTRAL___DRP 24199	41.28 0.04 0.00	33.65 -0.17 0.00	27.80 -0.13 0.00	28.59 -0.09 0.00	28.35 -0.04 0.00	30.88 0.03 0.00	30.15 -0.03 0.00	31.91 -0.05 0.00	42.58 -0.01 0.00	56.94 -0.40 0.00	41.56 -0.28 0.00	36.64 -0.33 0.00	38.37 -0.22 0.00	32.36 -0.10 0.00	33.41 -0.05 0.00	30.66 -0.13 0.00	72.32 -0.54 -3.59	41.82 -0.08 -0.60	36.56 -0.26 0.76	22.77 -0.16 -2.23	12.99 -0.09 -2.57	15.56 -0.14 -2.15	30.24 -0.29 0.58	31.25 -0.24 0.00
NEG CENTRAL___INDECK 23768	41.66 0.42 0.00	33.87 0.06 0.00	27.99 0.06 0.00	28.83 0.14 0.00	28.60 0.20 0.00	31.11 0.25 0.00	30.29 0.11 0.00	31.83 -0.13 0.00	42.58 -0.01 0.00	56.67 -0.68 0.00	40.85 -0.99 0.00	35.93 -1.04 0.00	37.74 -0.84 0.00	32.06 -0.39 0.00	32.96 -0.49 0.00	30.17 -0.62 0.00	75.39 -1.87 -7.98	44.20 -0.67 -3.57	39.40 -0.81 -2.63	30.01 -0.45 -0.97	12.69 -0.25 -2.43	15.45 -0.37 -2.26	29.01 -0.76 1.34	30.87 -0.62 0.00
NEG CENTRAL___SENECA 23627	41.35 0.11 0.00	33.63 -0.19 0.00	27.81 -0.13 0.00	28.63 -0.06 0.00	28.38 -0.01 0.00	30.90 0.04 0.00	30.13 -0.05 0.00	31.89 -0.06 0.00	42.63 0.04 0.00	56.83 -0.51 0.00	41.51 -0.33 0.00	36.54 -0.43 0.00	38.32 -0.27 0.00	32.32 -0.13 0.00	33.38 -0.07 0.00	30.59 -0.19 0.00	72.55 -0.85 -4.13	41.97 -0.13 -0.80	35.55 -0.35 1.68	21.42 -0.22 -0.93	12.49 -0.14 -2.12	14.77 -0.20 -1.42	29.59 -0.42 1.10	31.14 -0.35 0.00
NEG CENTRAL___STATE_STREET 24147	41.52 0.28 0.00	33.92 0.11 0.00	27.93 0.00 0.00	28.71 0.03 0.00	28.46 0.07 0.00	31.07 0.22 0.00	30.36 0.18 0.00	32.17 0.22 0.00	42.79 0.20 0.00	57.51 0.16 0.00	41.93 0.09 0.00	37.06 0.09 0.00	38.75 0.16 0.00	32.67 0.21 0.00	33.70 0.24 0.00	30.98 0.20 0.00	72.75 0.33 -3.14	41.96 0.36 -0.30	38.46 0.09 -0.79	25.68 0.02 -4.95	14.40 0.04 -3.85	17.47 0.04 -3.88	31.51 0.12 -0.27	31.54 0.05 0.00
NEG MILLWOOD___DRP 24198	43.74 2.50 0.00	35.89 2.07 0.00	29.56 1.63 0.00	30.39 1.70 0.00	30.18 1.78 0.00	32.80 1.95 0.00	32.15 1.97 0.00	34.17 2.21 0.00	45.52 2.93 0.00	61.24 3.90 0.00	44.86 3.02 0.00	39.71 2.74 0.00	41.52 2.93 0.00	34.93 2.48 0.00	35.93 2.47 0.00	33.09 2.30 0.00	99.16 5.47 -24.40	46.97 3.35 -2.32	41.57 3.03 -0.96	51.32 1.65 -28.97	37.78 0.81 -26.47	40.00 1.03 -25.43	33.43 2.31 0.00	33.70 2.22 0.00
NEG NORTH_FLCN_SEA 23793	42.47 1.23 0.00	35.03 1.21 0.00	28.52 0.59 0.00	28.33 -0.36 0.00	27.39 -1.00 0.00	29.86 -0.99 0.00	29.61 -0.56 0.00	30.79 -1.17 0.00	41.04 -1.54 0.00	56.22 -1.12 0.00	41.00 -0.85 0.00	35.88 -1.09 0.00	36.71 -1.88 0.00	30.50 -1.96 0.00	31.54 -1.91 0.00	26.02 -2.69 2.07	64.14 -5.62 -0.49	37.07 -4.28 -0.05	34.20 -3.40 -0.02	19.03 -1.81 -0.13	10.34 -0.69 -0.52	13.11 -0.94 -0.50	28.79 -2.33 0.00	5.90 -2.56 23.03
NEG NORTH_KES_CHATEGAY 23792	41.88 0.64 0.00	34.53 0.71 0.00	28.14 0.21 0.00	27.93 -0.75 0.00	27.05 -1.35 0.00	29.49 -1.37 0.00	29.22 -0.96 0.00	30.33 -1.62 0.00	40.50 -2.10 0.00	55.52 -1.82 0.00	40.40 -1.44 0.00	35.32 -1.65 0.00	36.20 -2.39 0.00	30.07 -2.39 0.00	31.10 -2.36 0.00	25.68 -3.08 2.03	63.46 -6.32 -0.50	36.74 -4.61 -0.05	33.93 -3.67 -0.02	18.85 -2.01 -0.15	10.24 -0.80 -0.54	13.00 -1.07 -0.51	28.42 -2.69 0.00	5.97 -2.88 22.64
NEG NORTH___ALICE_FALLS 23915	42.55 1.32 0.00	35.12 1.30 0.00	28.59 0.66 0.00	28.40 -0.29 0.00	27.47 -0.93 0.00	29.95 -0.91 0.00	29.67 -0.51 0.00	30.86 -1.10 0.00	41.17 -1.42 0.00	56.44 -0.90 0.00	41.13 -0.70 0.00	36.00 -0.97 0.00	36.85 -1.74 0.00	30.60 -1.86 0.00	31.65 -1.80 0.00	26.12 -2.60 2.06	64.42 -5.34 -0.49	37.29 -4.06 -0.05	34.40 -3.20 -0.02	19.13 -1.71 -0.13	10.39 -0.64 -0.52	13.17 -0.88 -0.50	28.90 -2.21 0.00	6.06 -2.46 22.97
NEG NORTH___LWR_SARANAC 23913	42.55 1.32 0.00	35.12 1.30 0.00	28.59 0.66 0.00	28.40 -0.29 0.00	27.47 -0.93 0.00	29.95 -0.91 0.00	29.67 -0.51 0.00	30.86 -1.10 0.00	41.17 -1.42 0.00	56.44 -0.90 0.00	41.13 -0.70 0.00	36.00 -0.97 0.00	36.85 -1.74 0.00	30.60 -1.86 0.00	31.65 -1.80 0.00	26.12 -2.60 2.06	64.42 -5.34 -0.49	37.29 -4.06 -0.05	34.40 -3.20 -0.02	19.13 -1.71 -0.13	10.39 -0.64 -0.52	13.17 -0.88 -0.50	28.90 -2.21 0.00	6.06 -2.46 22.97
NEG NORTH___PLATTSBURG 23628	42.55 1.32 0.00	35.12 1.30 0.00	28.59 0.66 0.00	28.40 -0.29 0.00	27.47 -0.93 0.00	29.95 -0.90 0.00	29.67 -0.51 0.00	30.86 -1.10 0.00	41.16 -1.42 0.00	56.44 -0.90 0.00	41.13 -0.71 0.00	36.00 -0.97 0.00	36.85 -1.74 0.00	30.60 -1.86 0.00	31.65 -1.80 0.00	26.12 -2.60 2.06	64.42 -5.34 -0.49	37.33 -4.02 -0.05	34.42 -3.18 -0.02	19.13 -1.70 -0.13	10.39 -0.64 -0.52	13.17 -0.88 -0.50	28.92 -2.19 0.00	6.05 -2.48 22.97
NEG WEST_LEA_LOCKPORT 23791	39.67 -1.57 0.00	32.34 -1.48 0.00	26.70 -1.23 0.00	27.48 -1.21 0.00	27.31 -1.08 0.00	29.73 -1.12 0.00	28.92 -1.26 0.00	29.88 -2.08 0.00	40.00 -2.59 0.00	53.73 -3.61 0.00	38.75 -3.08 0.00	34.26 -2.71 0.00	35.65 -2.94 0.00	30.23 -2.23 0.00	31.31 -2.15 0.00	28.45 -2.33 0.00	65.62 -6.34 -2.68	37.58 -3.27 0.45	31.32 -3.06 3.20	17.15 -1.60 1.96	12.33 -0.80 -2.62	14.27 -1.05 -1.77	28.06 -2.26 0.79	29.44 -2.05 0.00
NEG WEST___LANCASTER 23811	41.28 0.05 0.00	33.50 -0.32 0.00	27.73 -0.20 0.00	28.55 -0.13 0.00	28.48 0.08 0.00	30.91 0.06 0.00	30.00 -0.17 0.00	31.27 -0.68 0.00	42.00 -0.58 0.00	56.54 -0.81 0.00	40.94 -0.90 0.00	36.25 -0.72 0.00	37.56 -1.03 0.00	31.85 -0.60 0.00	32.96 -0.50 0.00	29.96 -0.82 0.00	69.33 -3.14 -3.20	39.53 -1.34 0.43	32.50 -1.40 3.69	17.73 -0.74 2.24	12.99 -0.42 -2.91	14.96 -0.51 -1.92	29.16 -0.97 0.98	30.70 -0.79 0.00
NEG_PENN_ALLEGHNY 23528	41.72 0.48 0.00	33.97 0.14 -0.01	28.09 0.16 0.00	28.91 0.23 0.00	28.69 0.29 0.00	31.18 0.33 0.00	30.41 0.24 0.00	32.27 0.32 0.00	43.18 0.59 0.00	57.83 0.49 0.00	42.19 0.35 0.00	37.29 0.32 0.00	38.92 0.33 0.00	32.87 0.41 0.00	33.87 0.42 0.00	31.11 0.32 0.00	78.24 0.60 -8.36	42.55 0.46 -0.78	38.22 0.32 -0.31	30.33 0.16 -0.94	19.20 0.05 -8.64	21.91 0.05 -8.30	31.25 0.14 0.00	31.67 0.18 0.00
NEG___GEN_MONROE 24207	40.58 -0.66 0.00	33.08 -0.74 0.00	27.32 -0.61 0.00	28.07 -0.61 0.00	27.93 -0.46 0.00	30.41 -0.45 0.00	29.70 -0.48 0.00	31.01 -0.95 0.00	41.42 -1.17 0.00	55.76 -1.58 0.00	40.45 -1.39 0.00	35.74 -1.23 0.00	37.26 -1.33 0.00	31.51 -0.94 0.00	32.61 -0.84 0.00	29.80 -0.99 0.00	69.39 -2.75 -2.86	40.13 -1.31 -0.14	34.81 -1.29 1.48	20.61 -0.70 -0.61	12.54 -0.35 -2.37	14.93 -0.49 -1.87	29.54 -1.02 0.55	30.59 -0.90 0.00

NEPA___ENERGY 23901	40.73 -0.51 0.00	33.13 -0.69 0.00	27.40 -0.53 0.00	28.22 -0.46 0.00	28.03 -0.37 0.00	30.50 -0.35 0.00	29.62 -0.56 0.00	30.67 -1.28 0.00	41.10 -1.49 0.00	54.98 -2.36 0.00	37.53 -2.18 2.13	35.08 -1.89 0.00	20.36 -2.24 15.99	30.81 -1.65 0.00	31.87 -1.59 0.00	28.94 -1.84 0.00	66.79 -5.22 -2.74	38.02 -2.58 0.69	30.99 -2.50 4.09	16.13 -1.39 3.19	12.57 -0.70 -2.76	14.38 -0.90 -1.73	28.29 -1.87 0.96	29.83 -1.66 0.00
NEVERSink___HYD 23608	43.10 1.87 0.00	35.30 1.48 0.00	29.07 1.14 0.00	29.87 1.19 0.00	29.68 1.29 0.00	32.29 1.43 0.00	31.66 1.48 0.00	33.64 1.69 0.00	44.78 2.19 0.00	60.20 2.86 0.00	44.14 2.30 0.00	39.00 2.03 0.00	40.75 2.16 0.00	34.23 1.77 0.00	35.28 1.83 0.00	32.51 1.73 0.00	95.52 4.23 -22.01	46.08 2.67 -2.10	40.90 2.43 -0.89	48.75 1.31 -26.74	35.57 0.62 -24.43	37.81 0.78 -23.47	32.87 1.76 0.00	33.14 1.65 0.00
NEWKRMKL_115KV_TB1 55635	41.75 0.52 0.00	34.35 0.53 0.00	28.44 0.52 0.00	29.27 0.58 0.00	28.99 0.60 0.00	31.42 0.57 0.00	30.72 0.55 0.00	32.64 0.68 0.00	43.38 0.79 0.00	58.52 1.18 0.00	42.73 0.90 0.00	37.75 0.78 0.00	39.41 0.82 0.00	33.16 0.70 0.00	34.11 0.66 0.00	31.55 0.76 0.00	98.49 1.65 -27.56	44.82 0.90 -2.61	39.54 0.88 -1.08	53.83 0.51 -32.60	40.56 0.25 -29.79	42.50 0.33 -28.62	31.83 0.71 -0.01	32.12 0.63 0.00
NEWTON___FALLS_HYD 23847	41.45 0.21 0.00	34.12 0.30 0.00	27.96 0.03 0.00	27.88 -0.80 0.00	27.32 -1.08 0.00	29.98 -0.87 0.00	29.32 -0.86 0.00	30.79 -1.17 0.00	41.17 -1.41 0.00	56.00 -1.34 0.00	40.57 -1.26 0.00	35.64 -1.33 0.00	37.09 -1.50 0.00	31.04 -1.41 0.00	32.08 -1.38 0.00	27.99 -1.68 1.12	67.12 -3.04 -0.88	39.23 -2.16 -0.08	35.70 -1.91 -0.03	20.24 -1.26 -0.80	10.86 -0.59 -0.94	13.66 -0.80 -0.91	29.06 -2.05 0.00	16.84 -2.20 12.45
NGRID_A1_DSASP 323792	38.93 -2.31 0.00	31.72 -2.08 0.03	26.21 -1.71 0.01	26.97 -1.71 0.00	26.80 -1.60 0.00	29.16 -1.70 0.00	28.36 -1.81 0.00	29.25 -2.71 0.00	39.13 -3.46 0.00	52.67 -4.67 0.00	37.99 -3.84 0.00	33.67 -3.30 0.00	35.07 -3.52 0.00	29.69 -2.77 0.00	30.78 -2.68 0.00	27.98 -2.80 0.00	64.50 -7.51 -2.73	36.90 -3.94 0.46	30.60 -3.72 3.26	16.78 -1.93 1.99	12.21 -0.95 -2.65	14.10 -1.25 -1.79	27.57 -2.74 0.81	29.03 -2.46 0.00
NGRID_A2_DSASP 323793	38.93 -2.31 0.00	31.72 -2.08 0.03	26.21 -1.71 0.01	26.97 -1.71 0.00	26.80 -1.60 0.00	29.16 -1.70 0.00	28.36 -1.81 0.00	29.25 -2.71 0.00	39.13 -3.46 0.00	52.67 -4.67 0.00	37.99 -3.84 0.00	33.67 -3.30 0.00	35.07 -3.52 0.00	29.69 -2.77 0.00	30.78 -2.68 0.00	27.98 -2.80 0.00	64.50 -7.51 -2.73	36.90 -3.94 0.46	30.60 -3.72 3.26	16.78 -1.93 1.99	12.21 -0.95 -2.65	14.10 -1.25 -1.79	27.57 -2.74 0.81	29.03 -2.46 0.00
NGRID_A4_DSASP 323807	38.93 -2.31 0.00	31.72 -2.08 0.03	26.21 -1.71 0.01	26.97 -1.71 0.00	26.80 -1.60 0.00	29.16 -1.70 0.00	28.36 -1.81 0.00	29.25 -2.71 0.00	39.13 -3.46 0.00	52.67 -4.67 0.00	37.99 -3.84 0.00	33.67 -3.30 0.00	35.07 -3.52 0.00	29.69 -2.77 0.00	30.78 -2.68 0.00	27.98 -2.80 0.00	64.50 -7.51 -2.73	36.90 -3.94 0.46	30.60 -3.72 3.26	16.78 -1.93 1.99	12.21 -0.95 -2.65	14.10 -1.25 -1.79	27.57 -2.74 0.81	29.03 -2.46 0.00
NIAGARA_115E_LBMP 323715	39.07 -2.16 0.00	31.84 -1.95 0.03	26.30 -1.62 0.01	27.06 -1.62 0.00	26.91 -1.49 0.00	29.28 -1.58 0.00	28.50 -1.68 0.00	29.38 -2.58 0.00	39.31 -3.28 0.00	52.86 -4.48 0.00	38.09 -3.75 0.00	33.59 -3.38 0.00	34.97 -3.62 0.00	29.63 -2.83 0.00	30.72 -2.74 0.00	27.92 -2.86 0.00	64.41 -7.60 -2.74	36.85 -3.99 0.46	30.63 -3.68 3.27	16.80 -1.89 2.01	12.19 -0.98 -2.65	14.11 -1.24 -1.79	27.52 -2.78 0.81	28.96 -2.53 0.00
NIAGARA_115W_LBMP 323714	38.86 -2.38 0.00	31.66 -2.14 0.03	26.16 -1.76 0.01	26.92 -1.77 0.00	26.75 -1.65 0.00	29.10 -1.76 0.00	28.30 -1.88 0.00	29.19 -2.77 0.00	39.04 -3.54 0.00	52.56 -4.78 0.00	37.91 -3.92 0.00	33.60 -3.37 0.00	35.00 -3.59 0.00	29.62 -2.83 0.00	30.72 -2.73 0.00	27.93 -2.86 0.00	64.36 -7.65 -2.73	36.84 -4.01 0.45	30.56 -3.78 3.24	16.77 -1.97 1.97	12.18 -0.97 -2.65	14.08 -1.26 -1.79	27.52 -2.79 0.80	28.99 -2.50 0.00
NIAGARA_230_LBMP 323716	39.16 -2.07 0.00	31.91 -1.88 0.03	26.37 -1.55 0.01	27.15 -1.54 0.00	26.99 -1.41 0.00	29.37 -1.49 0.00	28.55 -1.62 0.00	29.51 -2.45 0.00	39.52 -3.06 0.00	53.22 -4.12 0.00	38.41 -3.43 0.00	33.99 -2.98 0.00	35.40 -3.19 0.00	29.93 -2.52 0.00	31.04 -2.42 0.00	28.21 -2.58 0.00	65.14 -6.87 -2.73	37.28 -3.61 0.42	31.01 -3.44 3.13	17.08 -1.82 1.80	12.27 -0.87 -2.64	14.18 -1.17 -1.81	27.81 -2.51 0.79	29.24 -2.25 0.00
NIAGARA___115KV_198_GIBSON 55903	38.86 -2.38 0.00	31.68 -2.14 0.00	26.16 -1.77 0.00	26.92 -1.77 0.00	26.75 -1.65 0.00	29.11 -1.75 0.00	28.31 -1.87 0.00	29.19 -2.77 0.00	39.05 -3.54 0.00	52.52 -4.82 0.00	37.91 -3.93 0.00	33.59 -3.37 0.00	34.97 -3.62 0.00	29.65 -2.81 0.00	30.72 -2.73 0.00	27.93 -2.86 0.00	64.36 -7.65 -2.73	36.81 -4.04 0.45	30.58 -3.75 3.24	16.77 -1.96 1.97	12.18 -0.98 -2.65	14.08 -1.27 -1.79	27.53 -2.78 0.80	28.97 -2.52 0.00
NIAGARA___ 23760	39.16 -2.07 0.00	31.91 -1.88 0.03	26.37 -1.55 0.01	27.15 -1.54 0.00	26.99 -1.41 0.00	29.37 -1.49 0.00	28.55 -1.62 0.00	29.51 -2.45 0.00	39.52 -3.06 0.00	53.22 -4.12 0.00	38.41 -3.43 0.00	33.99 -2.98 0.00	35.40 -3.19 0.00	29.93 -2.52 0.00	31.04 -2.42 0.00	28.21 -2.58 0.00	65.14 -6.87 -2.74	37.26 -3.61 0.43	30.97 -3.44 3.16	17.04 -1.82 1.84	12.29 -0.87 -2.65	14.20 -1.17 -1.82	27.81 -2.51 0.79	29.24 -2.25 0.00
NINE_MILE_1 23575	40.10 -1.14 0.00	32.84 -0.97 0.00	27.15 -0.79 0.00	27.89 -0.79 0.00	27.62 -0.77 0.00	30.02 -0.83 0.00	29.35 -0.82 0.00	31.05 -0.91 0.00	41.40 -1.19 0.00	55.69 -1.65 0.00	40.59 -1.25 0.00	35.87 -1.11 0.00	37.45 -1.14 0.00	31.53 -0.93 0.00	32.53 -0.93 0.00	29.91 -0.88 0.00	68.83 -2.01 -1.56	40.29 -1.16 -0.15	36.54 -1.10 -0.06	21.94 -0.60 -1.83	11.88 -0.30 -1.67	14.78 -0.37 -1.61	30.29 -0.82 0.00	30.72 -0.76 0.00
NINE_MILE_2 23744	40.11 -1.13 0.00	32.85 -0.97 0.00	27.15 -0.78 0.00	27.89 -0.79 0.00	27.63 -0.77 0.00	30.03 -0.83 0.00	29.35 -0.82 0.00	31.05 -0.91 0.00	41.40 -1.19 0.00	55.70 -1.64 0.00	40.59 -1.24 0.00	35.88 -1.10 0.00	37.46 -1.13 0.00	31.54 -0.92 0.00	32.53 -0.92 0.00	29.91 -0.88 0.00	68.83 -2.01 -1.56	40.29 -1.16 -0.15	36.55 -1.09 -0.06	21.93 -0.60 -1.83	11.88 -0.30 -1.67	14.78 -0.37 -1.60	30.29 -0.82 0.00	30.72 -0.76 0.00
NM_CAPITAL___DRP 24208	41.86 0.62 0.00	34.45 0.63 0.00	28.51 0.58 0.00	29.33 0.65 0.00	29.06 0.67 0.00	31.51 0.66 0.00	30.81 0.63 0.00	32.72 0.76 0.00	43.50 0.91 0.00	58.67 1.32 0.00	42.85 1.01 0.00	37.86 0.89 0.00	39.52 0.93 0.00	33.25 0.79 0.00	34.21 0.76 0.00	31.61 0.83 0.00	98.57 1.79 -27.51	44.88 0.97 -2.61	39.61 0.95 -1.08	53.81 0.56 -32.54	40.53 0.28 -29.74	42.48 0.36 -28.56	31.90 0.79 -0.01	32.22 0.73 0.00

NM_CENTRAL___DRP 24181	40.88 -0.36 0.00	33.44 -0.38 0.00	27.64 -0.29 0.00	28.41 -0.27 0.00	28.17 -0.23 0.00	30.63 -0.22 0.00	29.93 -0.24 0.00	31.68 -0.27 0.00	42.29 -0.30 0.00	56.83 -0.51 0.00	41.42 -0.42 0.00	36.60 -0.37 0.00	38.23 -0.36 0.00	32.23 -0.23 0.00	33.24 -0.22 0.00	30.51 -0.23 0.04	71.00 -0.53 -2.26	41.26 -0.26 -0.21	37.35 -0.32 -0.09	23.17 -0.18 -2.65	12.84 -0.10 -2.43	15.76 -0.13 -2.33	30.85 -0.27 0.00	30.82 -0.21 0.46
NM_FRONTIER___DRP 24179	38.86 -2.38 0.00	31.68 -2.14 0.00	26.16 -1.77 0.00	26.92 -1.77 0.00	26.75 -1.65 0.00	29.11 -1.75 0.00	28.31 -1.87 0.00	29.19 -2.77 0.00	39.05 -3.54 0.00	52.52 -4.82 0.00	37.91 -3.93 0.00	33.59 -3.37 0.00	34.97 -3.62 0.00	29.65 -2.81 0.00	30.72 -2.73 0.00	27.93 -2.86 0.00	64.36 -7.65 -2.73	36.81 -4.04 0.45	30.58 -3.75 3.24	16.77 -1.96 1.97	12.18 -0.98 -2.65	14.08 -1.27 -1.79	27.53 -2.78 0.80	28.97 -2.52 0.00
NM_ST_REGIS___HYD 24053	42.00 0.76 0.00	34.60 0.78 0.00	28.25 0.32 0.00	27.99 -0.69 0.00	27.28 -1.12 0.00	29.79 -1.06 0.00	29.43 -0.75 0.00	30.61 -1.35 0.00	40.92 -1.67 0.00	56.04 -1.30 0.00	40.63 -1.21 0.00	35.60 -1.37 0.00	36.74 -1.84 0.00	30.62 -1.84 0.00	31.68 -1.78 0.00	26.69 -2.38 1.71	65.39 -4.52 -0.63	38.01 -3.35 -0.06	34.92 -2.69 -0.02	19.55 -1.54 -0.38	10.59 -0.60 -0.68	13.37 -0.83 -0.65	29.01 -2.10 0.00	10.15 -2.25 19.09
NORTHPORT___1 23551	43.88 2.64 0.00	36.12 2.30 0.00	29.54 1.61 0.00	30.64 1.95 0.00	30.26 1.86 0.00	32.94 2.09 0.00	32.22 2.04 0.00	34.28 2.33 0.00	45.53 2.94 0.00	61.23 3.89 0.00	45.14 3.30 0.00	44.20 3.14 -4.10	47.66 3.23 -5.85	35.09 2.63 0.00	36.25 2.80 0.00	33.06 2.27 0.00	101.56 5.09 -27.19	54.90 3.21 -10.40	41.38 2.84 -0.96	51.15 1.62 -28.82	37.69 0.84 -26.34	39.94 1.08 -25.30	33.76 2.64 0.00	33.92 2.43 0.00
NORTHPORT___2 23552	43.88 2.64 0.00	36.12 2.30 0.00	29.54 1.61 0.00	30.64 1.95 0.00	30.26 1.86 0.00	32.94 2.09 0.00	32.22 2.04 0.00	34.28 2.33 0.00	45.53 2.94 0.00	61.23 3.89 0.00	45.14 3.30 0.00	44.20 3.14 -4.10	47.66 3.23 -5.85	35.09 2.63 0.00	36.25 2.80 0.00	33.06 2.27 0.00	101.56 5.09 -27.19	54.90 3.21 -10.40	41.38 2.84 -0.96	51.15 1.62 -28.82	37.69 0.84 -26.34	39.94 1.08 -25.30	33.76 2.64 0.00	33.92 2.43 0.00
NORTHPORT___3 23553	43.44 2.20 0.00	35.72 1.90 0.00	29.24 1.32 0.00	30.26 1.58 0.00	29.93 1.54 0.00	32.58 1.72 0.00	31.91 1.74 0.00	33.94 1.99 0.00	45.10 2.51 0.00	60.69 3.35 0.00	44.64 2.81 0.00	43.80 2.69 -4.14	47.32 2.83 -5.90	34.76 2.30 0.00	35.88 2.42 0.00	32.78 2.00 0.00	100.94 4.58 -27.08	54.68 2.91 -10.47	41.13 2.59 -0.96	50.98 1.45 -28.82	37.59 0.74 -26.34	39.80 0.95 -25.30	33.41 2.29 0.00	33.59 2.10 0.00
NORTHPORT___4 23650	43.44 2.20 0.00	35.72 1.90 0.00	29.24 1.32 0.00	30.26 1.58 0.00	29.93 1.54 0.00	32.58 1.72 0.00	31.91 1.74 0.00	33.94 1.99 0.00	45.10 2.51 0.00	60.69 3.35 0.00	44.64 2.81 0.00	43.80 2.69 -4.14	47.32 2.83 -5.90	34.76 2.30 0.00	35.88 2.42 0.00	32.78 2.00 0.00	100.94 4.58 -27.08	54.68 2.91 -10.47	41.13 2.59 -0.96	50.98 1.45 -28.82	37.59 0.74 -26.34	39.80 0.95 -25.30	33.41 2.29 0.00	33.59 2.10 0.00
NORTHPORT___IC 23718	43.88 2.65 0.00	36.12 2.30 0.00	29.54 1.61 0.00	30.63 1.95 0.00	30.26 1.87 0.00	32.94 2.09 0.00	32.21 2.04 0.00	34.28 2.33 0.00	45.53 2.94 0.00	61.24 3.90 0.00	45.14 3.30 0.00	44.20 3.14 -4.10	47.67 3.23 -5.85	35.09 2.63 0.00	36.25 2.80 0.00	33.06 2.27 0.00	101.66 5.20 -27.19	54.97 3.28 -10.40	41.38 2.84 -0.96	51.15 1.62 -28.82	37.69 0.84 -26.34	39.94 1.08 -25.30	33.75 2.63 0.00	33.92 2.43 0.00
NORTH___COUNTRY_ESR 323785	41.79 0.55 0.00	34.45 0.64 0.00	28.09 0.16 0.00	27.85 -0.83 0.00	26.99 -1.41 0.00	29.41 -1.44 0.00	29.13 -1.05 0.00	30.24 -1.72 0.00	40.37 -2.22 0.00	55.37 -1.97 0.00	40.28 -1.56 0.00	35.22 -1.75 0.00	36.10 -2.49 0.00	29.98 -2.48 0.00	31.01 -2.45 0.00	25.59 -3.16 2.03	63.22 -6.55 -0.50	36.63 -4.72 -0.05	33.78 -3.82 -0.02	18.78 -2.09 -0.15	10.21 -0.84 -0.54	12.95 -1.12 -0.51	28.34 -2.77 0.00	5.87 -2.99 22.63
NPX_GEN_1385_PROXY 323591	43.73 2.50 0.00	36.10 2.28 0.00	29.15 1.22 0.00	30.86 2.18 0.00	30.33 1.94 0.00	33.31 2.45 0.00	32.22 2.04 0.00	34.36 2.41 0.00	45.81 3.23 0.00	61.22 3.88 0.00	45.19 3.35 0.00	44.36 3.29 -4.10	47.50 3.06 -5.85	34.60 2.14 0.00	36.03 2.57 0.00	32.80 2.02 0.00	100.80 4.33 -27.19	54.51 2.81 -10.40	40.79 2.25 -0.96	51.03 1.50 -28.82	37.59 0.74 -26.34	39.85 0.99 -25.30	33.70 2.58 0.00	33.74 2.25 0.00
NPX_GEN_CSC 323557	43.88 2.64 0.00	36.00 2.18 0.00	29.44 1.51 0.00	30.51 1.82 0.00	30.11 1.72 0.00	32.73 1.88 0.00	32.30 2.12 0.00	34.28 2.32 0.00	45.23 2.64 0.00	61.00 3.66 0.00	44.84 3.00 0.00	44.06 2.93 -4.16	47.55 3.03 -5.93	34.88 2.42 0.00	35.92 2.47 0.00	32.84 2.06 0.00	101.60 5.13 -27.19	55.11 3.30 -10.51	41.47 2.93 -0.96	51.14 1.61 -28.82	37.65 0.80 -26.34	39.89 1.04 -25.30	33.80 2.68 0.00	33.89 2.40 0.00
NSINS_S__GLNS_FALLS 23858	43.57 2.34 0.00	35.96 2.14 0.00	29.61 1.68 0.00	30.51 1.82 0.00	30.23 1.83 0.00	32.83 1.98 0.00	32.20 2.02 0.00	34.33 2.38 0.00	45.85 3.26 0.00	61.79 4.45 0.00	45.08 3.25 0.00	39.45 2.48 0.00	40.93 2.34 0.00	33.87 1.41 0.00	34.89 1.44 0.00	32.16 1.38 0.00	100.70 3.28 -28.15	45.77 1.80 -2.67	40.48 1.79 -1.11	54.99 1.00 -33.29	41.44 0.52 -30.42	43.43 0.66 -29.22	32.58 1.46 -0.01	32.85 1.36 0.00
NUCOR_STEEL___DRP 24197	41.48 0.24 0.00	33.91 0.09 0.00	27.91 -0.02 0.00	28.68 -0.01 0.00	28.43 0.03 0.00	31.04 0.19 0.00	30.34 0.16 0.00	32.16 0.20 0.00	42.74 0.15 0.00	57.50 0.15 0.00	41.91 0.07 0.00	37.05 0.08 0.00	38.74 0.15 0.00	32.67 0.21 0.00	33.68 0.23 0.00	30.97 0.19 0.00	72.62 0.33 -3.02	41.92 0.34 -0.29	38.55 0.07 -0.90	25.73 0.00 -5.02	14.34 0.04 -3.79	17.45 0.04 -3.86	31.56 0.13 -0.33	31.53 0.04 0.00
NUMBER_THREE_WT_PWR 323818	41.50 0.26 0.00	34.18 0.36 0.00	28.13 0.20 0.00	28.24 -0.45 0.00	27.78 -0.62 0.00	30.61 -0.24 0.00	29.63 -0.55 0.00	31.35 -0.60 0.00	41.97 -0.62 0.00	56.76 -0.58 0.00	41.19 -0.65 0.00	36.23 -0.73 0.00	37.96 -0.63 0.00	31.86 -0.59 0.00	32.85 -0.61 0.00	29.64 -0.67 0.47	69.33 -0.97 -1.03	40.75 -0.65 -0.10	36.85 -0.77 -0.04	21.02 -0.79 -1.11	11.12 -0.50 -1.11	13.98 -0.63 -1.06	29.39 -1.72 0.00	24.33 -1.90 5.26
NYISO_LBMP_REFERENCE 24008	41.24 0.00 0.00	33.82 0.00 0.00	27.93 0.00 0.00	28.69 0.00 0.00	28.40 0.00 0.00	30.85 0.00 0.00	30.18 0.00 0.00	31.95 0.00 0.00	42.59 0.00 0.00	57.34 0.00 0.00	41.84 0.00 0.00	36.97 0.00 0.00	38.59 0.00 0.00	32.46 0.00 0.00	33.45 0.00 0.00	30.78 0.00 0.00	69.28 0.00 0.00	41.30 0.00 0.00	37.58 0.00 0.00	20.71 0.00 0.00	10.51 0.00 0.00	13.56 0.00 0.00	31.11 0.00 0.00	31.49 0.00 0.00



OAK ORCHARD___HYD 24046	40.26 -0.97 0.00	32.85 -0.95 0.01	27.13 -0.79 0.00	27.89 -0.79 0.00	27.70 -0.70 0.00	30.15 -0.70 0.00	29.42 -0.75 0.00	30.79 -1.16 0.00	41.18 -1.41 0.00	55.48 -1.86 0.00	40.25 -1.59 0.00	35.58 -1.39 0.00	37.14 -1.45 0.00	31.34 -1.12 0.00	32.43 -1.02 0.00	29.65 -1.13 0.00	69.24 -3.04 -3.01	40.07 -1.52 -0.28	34.88 -1.51 1.19	21.01 -0.82 -1.13	12.48 -0.39 -2.36	14.90 -0.55 -1.91	29.40 -1.17 0.54	30.44 -1.05 0.00
OAKDALE___35_KV_LOAD 356122	41.60 0.36 0.00	33.88 0.06 0.00	28.02 0.09 0.00	28.84 0.15 0.00	28.62 0.22 0.00	31.10 0.25 0.00	30.34 0.16 0.00	32.19 0.23 0.00	43.04 0.46 0.00	57.68 0.34 0.00	42.08 0.24 0.00	37.20 0.23 0.00	38.79 0.20 0.00	32.75 0.30 0.00	33.75 0.30 0.00	30.99 0.20 0.00	77.98 0.32 -8.38	42.50 0.31 -0.89	38.32 0.20 -0.54	30.65 0.10 -9.85	19.13 0.02 -8.60	21.87 0.02 -8.30	31.19 0.07 0.00	31.60 0.11 0.00
OCC_CHEM___DRP 24175	38.93 -2.31 0.00	31.74 -2.08 0.00	26.22 -1.71 0.00	26.97 -1.71 0.00	26.80 -1.60 0.00	29.17 -1.68 0.00	28.37 -1.81 0.00	29.25 -2.71 0.00	39.14 -3.45 0.00	52.64 -4.70 0.00	37.99 -3.85 0.00	33.67 -3.30 0.00	35.04 -3.55 0.00	29.71 -2.75 0.00	30.78 -2.68 0.00	27.98 -2.81 0.00	64.50 -7.51 -2.73	36.87 -3.97 0.46	30.63 -3.69 3.26	16.78 -1.93 1.99	12.20 -0.96 -2.65	14.10 -1.25 -1.79	27.58 -2.72 0.81	29.02 -2.47 0.00
OH_GEN_PROXY 24063	39.21 -2.02 0.00	31.91 -1.88 0.03	26.39 -1.53 0.01	27.16 -1.53 0.00	27.02 -1.38 0.00	29.41 -1.45 0.00	28.58 -1.59 0.00	29.60 -2.36 0.00	39.68 -2.91 0.00	53.44 -3.91 0.00	38.58 -3.26 0.00	34.13 -2.84 0.00	35.55 -3.03 0.00	30.06 -2.40 0.00	31.16 -2.29 0.00	28.33 -2.45 0.00	65.58 -6.55 -2.85	37.52 -3.44 0.34	31.27 -3.30 3.00	17.41 -1.76 1.53	12.33 -0.85 -2.67	14.27 -1.13 -1.85	27.90 -2.43 0.79	29.30 -2.19 0.00
OLIN_CORP_DRP 24177	39.12 -2.12 0.00	31.91 -1.91 0.00	26.35 -1.58 0.00	27.10 -1.59 0.00	26.94 -1.46 0.00	29.33 -1.52 0.00	28.54 -1.64 0.00	29.43 -2.52 0.00	39.39 -3.20 0.00	52.92 -4.42 0.00	38.16 -3.68 0.00	33.67 -3.30 0.00	35.04 -3.56 0.00	29.72 -2.74 0.00	30.78 -2.68 0.00	27.98 -2.80 0.00	64.55 -7.47 -2.75	36.89 -3.94 0.47	30.66 -3.61 3.32	16.77 -1.87 2.07	12.22 -0.95 -2.66	14.12 -1.22 -1.79	27.61 -2.68 0.82	29.01 -2.48 0.00
OLIN_CORP_DSASP 323712	38.93 -2.31 0.00	31.72 -2.08 0.03	26.21 -1.71 0.01	26.97 -1.71 0.00	26.80 -1.60 0.00	29.16 -1.70 0.00	28.36 -1.81 0.00	29.25 -2.71 0.00	39.13 -3.46 0.00	52.67 -4.67 0.00	37.99 -3.84 0.00	33.67 -3.30 0.00	35.07 -3.52 0.00	29.69 -2.77 0.00	30.78 -2.68 0.00	27.98 -2.80 0.00	64.50 -7.51 -2.73	36.90 -3.94 0.46	30.60 -3.72 3.26	16.78 -1.93 1.99	12.21 -0.95 -2.65	14.10 -1.25 -1.79	27.57 -2.74 0.81	29.03 -2.46 0.00
ONEIDA_HERK_LFGE 323681	41.91 0.68 0.00	34.42 0.60 0.00	28.40 0.47 0.00	28.89 0.20 0.00	28.53 0.13 0.00	31.20 0.34 0.00	30.39 0.21 0.00	32.19 0.23 0.00	43.04 0.45 0.00	58.05 0.71 0.00	42.24 0.40 0.00	37.22 0.25 0.00	38.87 0.28 0.00	32.70 0.24 0.00	33.72 0.27 0.00	30.79 0.21 0.20	70.90 0.75 -0.88	41.75 0.37 -0.08	37.87 0.26 -0.04	21.68 -0.02 -1.00	11.40 -0.06 -0.95	14.38 -0.08 -0.91	30.80 -0.32 0.00	28.86 -0.40 2.22
ONEIDA___115KV_TB4 55905	42.17 0.94 0.00	34.56 0.74 0.00	28.59 0.66 0.00	29.32 0.63 0.00	29.04 0.65 0.00	31.62 0.77 0.00	30.89 0.72 0.00	32.74 0.78 0.00	43.78 1.19 0.00	58.86 1.52 0.00	42.87 1.03 0.00	37.79 0.82 0.00	39.41 0.82 0.00	33.24 0.79 0.00	34.31 0.86 0.00	31.48 0.78 0.07	72.67 1.88 -1.52	42.43 0.99 -0.14	38.45 0.81 -0.06	22.86 0.37 -1.78	12.31 0.16 -1.64	15.33 0.20 -1.57	31.51 0.39 0.00	31.02 0.36 0.84
ONONDAGA_REF_OCCRA 23987	41.17 -0.07 0.00	33.66 -0.16 0.00	27.82 -0.11 0.00	28.59 -0.09 0.00	28.34 -0.05 0.00	30.82 -0.03 0.00	30.12 -0.05 0.00	31.91 -0.05 0.00	42.60 0.01 0.00	57.22 -0.13 0.00	41.71 -0.13 0.00	36.86 -0.11 0.00	38.49 -0.10 0.00	32.45 -0.01 0.00	33.47 0.02 0.00	30.74 -0.01 0.04	72.01 -0.03 -2.76	41.61 0.04 -0.26	38.22 -0.03 -0.67	24.96 -0.04 -4.29	13.83 -0.03 -3.35	16.89 -0.04 -3.37	31.28 -0.07 -0.24	31.06 -0.02 0.40
ONONDAGA___COGEN 23986	41.15 -0.09 0.00	33.65 -0.17 0.00	27.79 -0.14 0.00	28.57 -0.12 0.00	28.32 -0.08 0.00	30.81 -0.04 0.00	30.11 -0.06 0.00	31.89 -0.07 0.00	42.54 -0.05 0.00	57.14 -0.20 0.00	41.66 -0.18 0.00	36.82 -0.15 0.00	38.46 -0.13 0.00	32.43 -0.03 0.00	33.43 -0.02 0.00	30.71 -0.04 0.04	71.76 -0.10 -2.58	41.55 0.01 -0.24	37.59 -0.10 -0.10	23.67 -0.06 -3.03	13.25 -0.03 -2.77	16.16 -0.05 -2.66	31.03 -0.08 0.00	31.04 -0.05 0.40
ONTARIO___LFGE 23819	41.35 0.11 0.00	33.63 -0.19 0.00	27.81 -0.12 0.00	28.63 -0.06 0.00	28.38 -0.01 0.00	30.90 0.04 0.00	30.13 -0.04 0.00	31.90 -0.06 0.00	42.63 0.04 0.00	56.84 -0.50 0.00	41.51 -0.33 0.00	36.54 -0.43 0.00	38.33 -0.26 0.00	32.32 -0.14 0.00	33.38 -0.07 0.00	30.59 -0.19 0.00	72.55 -0.85 -4.13	41.98 -0.12 -0.80	35.54 -0.36 1.68	21.43 -0.21 -0.93	12.49 -0.14 -2.12	14.76 -0.21 -1.42	29.58 -0.43 1.10	31.14 -0.35 0.00
ORANGEVILLE_WT_PWR 323706	40.22 -1.01 0.00	32.71 -1.10 0.01	27.06 -0.87 0.00	27.87 -0.81 0.00	27.67 -0.72 0.00	30.04 -0.82 0.00	29.16 -1.02 0.00	30.47 -1.48 0.00	40.69 -1.90 0.00	54.11 -3.23 0.00	38.97 -2.86 0.00	34.48 -2.48 0.00	36.04 -2.54 0.00	30.56 -1.90 0.00	31.47 -1.99 0.00	28.61 -2.18 0.00	64.05 -6.00 -0.77	35.40 -3.17 2.73	25.81 -3.19 8.57	7.95 -1.72 11.03	12.41 -0.89 -2.79	13.38 -1.17 -1.00	27.38 -2.47 1.27	29.25 -2.24 0.00
ORANGEVILLE___ESR 323794	40.22 -1.01 0.00	32.71 -1.10 0.01	27.06 -0.87 0.00	27.87 -0.81 0.00	27.67 -0.72 0.00	30.04 -0.82 0.00	29.16 -1.02 0.00	30.47 -1.48 0.00	40.69 -1.90 0.00	54.11 -3.23 0.00	38.97 -2.86 0.00	34.48 -2.48 0.00	36.04 -2.54 0.00	30.56 -1.90 0.00	31.47 -1.99 0.00	28.61 -2.18 0.00	64.05 -6.00 -0.77	35.40 -3.17 2.73	25.81 -3.19 8.57	7.95 -1.72 11.03	12.41 -0.89 -2.79	13.38 -1.17 -1.00	27.38 -2.47 1.27	29.25 -2.24 0.00
OSWEGATCHIE___HYD 24044	41.45 0.21 0.00	34.12 0.30 0.00	27.96 0.03 0.00	27.88 -0.80 0.00	27.32 -1.08 0.00	29.98 -0.87 0.00	29.32 -0.86 0.00	30.79 -1.17 0.00	41.18 -1.41 0.00	56.00 -1.34 0.00	40.58 -1.26 0.00	35.64 -1.33 0.00	37.09 -1.50 0.00	31.04 -1.41 0.00	32.08 -1.38 0.00	27.99 -1.68 1.12	67.12 -3.04 -0.88	39.25 -2.14 -0.08	35.71 -1.90 -0.03	20.24 -1.26 -0.80	10.86 -0.60 -0.94	13.66 -0.80 -0.91	29.08 -2.04 0.00	16.84 -2.20 12.45
OSWEGO___5 23606	40.44 -0.80 0.00	33.11 -0.71 0.00	27.36 -0.57 0.00	28.11 -0.58 0.00	27.85 -0.55 0.00	30.27 -0.58 0.00	29.60 -0.58 0.00	31.31 -0.64 0.00	41.77 -0.82 0.00	56.16 -1.18 0.00	40.93 -0.91 0.00	36.17 -0.80 0.00	37.78 -0.81 0.00	31.81 -0.64 0.00	32.82 -0.64 0.00	30.17 -0.61 0.00	69.80 -1.43 -1.95	40.68 -0.81 -0.18	36.87 -0.78 -0.08	22.55 -0.44 -2.28	12.37 -0.22 -2.09	15.28 -0.28 -2.00	30.51 -0.61 0.00	30.94 -0.55 0.00

OSWEGO___6 23613	40.44 -0.80 0.00	33.11 -0.71 0.00	27.36 -0.57 0.00	28.11 -0.58 0.00	27.85 -0.55 0.00	30.27 -0.58 0.00	29.60 -0.58 0.00	31.31 -0.64 0.00	41.77 -0.82 0.00	56.16 -1.18 0.00	40.93 -0.91 0.00	36.17 -0.80 0.00	37.78 -0.81 0.00	31.81 -0.64 0.00	32.82 -0.64 0.00	30.17 -0.61 0.00	69.80 -1.43 -1.95	40.68 -0.81 -0.18	36.87 -0.78 -0.08	22.55 -0.44 -2.28	12.37 -0.22 -2.09	15.28 -0.28 -2.00	30.51 -0.61 0.00	30.94 -0.55 0.00
OUTOKUMPU-AB___DRP 24206	40.00 -1.24 0.00	32.58 -1.23 0.00	26.92 -1.01 0.00	27.69 -0.99 0.00	27.53 -0.87 0.00	29.96 -0.89 0.00	29.14 -1.03 0.00	30.12 -1.84 0.00	40.32 -2.27 0.00	54.15 -3.19 0.00	39.10 -2.74 0.00	34.61 -2.36 0.00	36.01 -2.59 0.00	30.53 -1.93 0.00	31.61 -1.84 0.00	28.72 -2.06 0.00	66.27 -5.74 -2.73	37.91 -2.89 0.51	31.42 -2.74 3.42	17.04 -1.44 2.23	12.46 -0.72 -2.67	14.38 -0.95 -1.78	28.25 -2.02 0.84	29.69 -1.80 0.00
OXBOW___BTM 323836	39.54 -1.70 0.00	32.20 -1.60 0.03	26.61 -1.31 0.01	27.38 -1.31 0.00	27.22 -1.18 0.00	29.61 -1.24 0.00	28.81 -1.37 0.00	29.75 -2.20 0.00	39.81 -2.78 0.00	53.54 -3.80 0.00	38.63 -3.21 0.00	34.21 -2.76 0.00	35.63 -2.96 0.00	30.16 -2.30 0.00	31.27 -2.19 0.00	28.41 -2.37 0.00	65.53 -6.48 -2.73	37.52 -3.31 0.48	31.09 -3.15 3.34	16.95 -1.64 2.11	12.36 -0.81 -2.66	14.27 -1.07 -1.79	27.96 -2.33 0.82	29.42 -2.06 0.00
OXBOW____ 24026	39.54 -1.70 0.00	32.23 -1.60 0.00	26.62 -1.31 0.00	27.38 -1.31 0.00	27.22 -1.18 0.00	29.62 -1.23 0.00	28.81 -1.37 0.00	29.75 -2.20 0.00	39.81 -2.77 0.00	53.50 -3.84 0.00	38.63 -3.22 0.00	34.21 -2.75 0.00	35.60 -2.99 0.00	30.18 -2.28 0.00	31.27 -2.18 0.00	28.41 -2.37 0.00	65.53 -6.47 -2.73	37.49 -3.33 0.48	31.11 -3.13 3.34	16.96 -1.64 2.11	12.36 -0.81 -2.66	14.27 -1.07 -1.79	27.98 -2.31 0.82	29.42 -2.07 0.00
OXY_CHEM_DSASP 323612	38.93 -2.31 0.00	31.74 -2.08 0.00	26.22 -1.71 0.00	26.97 -1.71 0.00	26.80 -1.60 0.00	29.17 -1.68 0.00	28.37 -1.81 0.00	29.25 -2.71 0.00	39.14 -3.45 0.00	52.64 -4.70 0.00	37.99 -3.85 0.00	33.67 -3.30 0.00	35.04 -3.55 0.00	29.71 -2.75 0.00	30.78 -2.68 0.00	27.98 -2.81 0.00	64.50 -7.51 -2.73	36.87 -3.97 0.46	30.63 -3.69 3.26	16.78 -1.93 1.99	12.20 -0.96 -2.65	14.10 -1.25 -1.79	27.58 -2.72 0.81	29.02 -2.47 0.00
OZONE_PARK_ESR 323760	44.08 2.85 0.00	36.15 2.33 0.00	29.74 1.81 0.00	30.54 1.85 0.00	30.34 1.94 0.00	32.95 2.10 0.00	32.32 2.14 0.00	34.34 2.38 0.00	45.68 3.10 0.00	61.45 4.11 0.00	45.01 3.18 0.00	39.88 2.92 0.00	41.79 3.20 0.00	35.18 2.72 0.00	36.20 2.75 0.00	33.28 2.50 0.00	99.42 5.85 -24.29	47.23 3.62 -2.31	41.77 3.23 -0.96	51.29 1.77 -28.82	37.72 0.88 -26.34	39.98 1.13 -25.30	33.70 2.58 0.00	33.99 2.51 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	38.93 -2.31 0.00	31.74 -2.08 0.00	26.22 -1.71 0.00	26.97 -1.71 0.00	26.80 -1.60 0.00	29.17 -1.68 0.00	28.37 -1.81 0.00	29.25 -2.71 0.00	39.14 -3.45 0.00	52.64 -4.70 0.00	37.99 -3.85 0.00	33.67 -3.30 0.00	35.04 -3.55 0.00	29.71 -2.75 0.00	30.78 -2.68 0.00	27.98 -2.81 0.00	64.50 -7.51 -2.73	36.87 -3.97 0.46	30.63 -3.69 3.26	16.78 -1.93 1.99	12.20 -0.96 -2.65	14.10 -1.25 -1.79	27.58 -2.72 0.81	29.02 -2.47 0.00
PACKARD___115KV_DUPONT_184 80571	38.93 -2.31 0.00	31.74 -2.08 0.00	26.22 -1.71 0.00	26.97 -1.71 0.00	26.80 -1.60 0.00	29.17 -1.68 0.00	28.37 -1.81 0.00	29.25 -2.71 0.00	39.14 -3.45 0.00	52.64 -4.70 0.00	37.99 -3.85 0.00	33.67 -3.30 0.00	35.04 -3.55 0.00	29.71 -2.75 0.00	30.78 -2.68 0.00	27.98 -2.81 0.00	64.50 -7.51 -2.73	36.87 -3.97 0.46	30.63 -3.69 3.26	16.78 -1.93 1.99	12.20 -0.96 -2.65	14.10 -1.25 -1.79	27.58 -2.72 0.81	29.02 -2.47 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	43.64 2.40 0.00	35.76 1.94 0.00	29.44 1.52 0.00	30.29 1.60 0.00	30.08 1.68 0.00	32.63 1.78 0.00	32.04 1.86 0.00	34.00 2.04 0.00	45.23 2.65 0.00	60.89 3.55 0.00	44.61 2.77 0.00	39.51 2.54 0.00	41.42 2.83 0.00	34.84 2.38 0.00	35.85 2.40 0.00	32.95 2.17 0.00	98.70 5.13 -24.29	46.82 3.21 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.65 0.80 -26.34	39.87 1.02 -25.30	33.44 2.32 0.00	33.71 2.22 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	43.66 2.42 0.00	35.90 2.08 0.00	29.58 1.65 0.00	30.41 1.73 0.00	30.20 1.81 0.00	32.77 1.92 0.00	32.22 2.04 0.00	34.05 2.10 0.00	45.33 2.75 0.00	61.14 3.80 0.00	44.79 2.96 0.00	39.68 2.71 0.00	41.62 3.03 0.00	35.00 2.54 0.00	35.98 2.53 0.00	33.10 2.31 0.00	99.03 5.46 -24.29	47.06 3.45 -2.31	41.58 3.05 -0.96	51.17 1.64 -28.82	37.69 0.84 -26.34	39.92 1.07 -25.30	33.56 2.44 0.00	33.77 2.29 0.00
PATROON___115KV_TB1 80586	41.89 0.65 0.00	34.46 0.64 0.00	28.53 0.60 0.00	29.35 0.66 0.00	29.07 0.67 0.00	31.51 0.66 0.00	30.81 0.63 0.00	32.73 0.78 0.00	43.52 0.93 0.00	58.71 1.37 0.00	42.87 1.04 0.00	37.88 0.91 0.00	39.54 0.94 0.00	33.27 0.81 0.00	34.22 0.77 0.00	31.64 0.86 0.00	98.76 1.86 -27.63	44.96 1.03 -2.62	39.66 0.99 -1.09	53.97 0.58 -32.69	40.66 0.29 -29.87	42.61 0.37 -28.69	31.92 0.80 -0.01	32.22 0.73 0.00
PATTRSNVILLE___SOLAR 323815	42.67 1.43 0.00	35.03 1.21 0.00	28.88 0.95 0.00	29.67 0.98 0.00	29.37 0.98 0.00	31.92 1.06 0.00	31.25 1.07 0.00	33.15 1.19 0.00	44.09 1.51 0.00	59.43 2.09 0.00	43.23 1.39 0.00	38.15 1.18 0.00	39.80 1.21 0.00	33.33 0.87 0.00	34.40 0.95 0.00	31.83 1.05 0.00	100.64 2.50 -28.86	45.56 1.52 -2.74	40.15 1.44 -1.13	55.60 0.79 -34.10	42.06 0.39 -31.16	43.99 0.51 -29.93	32.23 1.11 -0.01	32.56 1.07 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	41.07 -0.16 0.00	33.36 -0.46 0.00	27.60 -0.33 0.00	28.41 -0.27 0.00	28.31 -0.09 0.00	30.75 -0.10 0.00	29.87 -0.31 0.00	31.07 -0.88 0.00	41.70 -0.89 0.00	56.04 -1.30 0.00	40.56 -1.28 0.00	35.91 -1.06 0.00	37.24 -1.35 0.00	31.59 -0.87 0.00	32.68 -0.77 0.00	29.69 -1.09 0.00	68.62 -3.65 -2.99	39.15 -1.64 0.52	32.18 -1.66 3.75	17.34 -0.87 2.49	12.86 -0.48 -2.83	14.80 -0.60 -1.85	28.98 -1.19 0.94	30.50 -0.99 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	43.74 2.50 0.00	35.89 2.07 0.00	29.56 1.63 0.00	30.39 1.70 0.00	30.18 1.78 0.00	32.80 1.95 0.00	32.15 1.97 0.00	34.17 2.21 0.00	45.52 2.93 0.00	61.24 3.90 0.00	44.86 3.02 0.00	39.71 2.74 0.00	41.52 2.93 0.00	34.93 2.48 0.00	35.93 2.47 0.00	33.09 2.30 0.00	99.16 5.47 -24.40	46.97 3.35 -2.32	41.57 3.03 -0.96	51.32 1.65 -28.97	37.78 0.81 -26.47	40.00 1.03 -25.43	33.43 2.31 0.00	33.70 2.22 0.00
PEEKSKILL____ 23653	43.33 2.10 0.00	35.56 1.74 0.00	29.29 1.36 0.00	30.10 1.41 0.00	29.91 1.51 0.00	32.51 1.65 0.00	31.86 1.68 0.00	33.85 1.90 0.00	45.04 2.45 0.00	60.54 3.20 0.00	44.35 2.52 0.00	39.27 2.30 0.00	41.10 2.51 0.00	34.58 2.12 0.00	35.60 2.14 0.00	32.76 1.97 0.00	98.12 4.68 -24.17	46.47 2.88 -2.29	41.12 2.59 -0.95	50.80 1.41 -28.68	37.40 0.69 -26.21	39.61 0.88 -25.17	33.10 1.98 0.00	33.39 1.90 0.00

PGE MADISON___WINDPWR 24146	46.90 5.66 0.00	37.91 4.09 0.00	31.11 3.18 0.00	32.07 3.39 0.00	32.00 3.61 0.00	35.07 4.22 0.00	33.80 3.62 0.00	35.50 3.54 0.00	47.23 4.64 0.00	63.10 5.76 0.00	46.25 4.41 0.00	40.73 3.76 0.00	41.92 3.33 0.00	35.04 2.58 0.00	36.29 2.83 0.00	33.89 3.10 0.00	87.44 6.71 -11.45	46.29 3.93 -1.06	43.87 2.40 -3.89	37.46 1.12 -15.64	21.39 0.47 -10.42	25.09 0.57 -10.96	33.69 1.22 -1.36	32.71 1.22 0.00
PIERCEFIELD___HYD 23852	41.89 0.65 0.00	34.50 0.68 0.00	28.18 0.25 0.00	27.93 -0.75 0.00	27.25 -1.15 0.00	29.78 -1.07 0.00	29.39 -0.79 0.00	30.57 -1.39 0.00	40.88 -1.71 0.00	55.93 -1.41 0.00	40.52 -1.32 0.00	35.54 -1.43 0.00	36.74 -1.85 0.00	30.65 -1.81 0.00	31.70 -1.75 0.00	26.83 -2.30 1.66	65.62 -4.31 -0.66	38.18 -3.19 -0.06	35.03 -2.57 -0.03	19.63 -1.49 -0.42	10.62 -0.59 -0.70	13.41 -0.81 -0.68	29.06 -2.05 0.00	10.86 -2.18 18.45
PINELAWN_CC_1 323563	43.99 2.75 0.00	36.13 2.31 0.00	29.60 1.67 0.00	30.60 1.91 0.00	30.27 1.88 0.00	32.93 2.08 0.00	32.30 2.12 0.00	34.36 2.41 0.00	45.65 3.06 0.00	61.47 4.13 0.00	45.18 3.35 0.00	44.64 3.09 -4.58	48.44 3.31 -6.53	35.17 2.72 0.00	36.31 2.85 0.00	33.20 2.42 0.00	102.84 5.61 -27.95	56.22 3.57 -11.34	41.75 3.21 -0.96	51.31 1.78 -28.82	37.75 0.90 -26.34	40.00 1.15 -25.30	33.84 2.72 0.00	33.99 2.50 0.00
PJM_GEN_HTP_PROXY 323702	43.62 2.39 0.00	35.78 1.96 0.00	29.45 1.52 0.00	30.26 1.57 0.00	30.06 1.66 0.00	32.72 1.80 -0.07	32.01 1.83 0.00	34.01 2.06 0.00	45.26 2.67 0.00	60.86 3.52 0.00	44.60 2.76 0.00	39.52 2.55 0.00	41.39 2.79 0.00	35.16 2.38 -0.32	35.93 2.40 -0.08	33.45 2.18 -0.49	99.01 5.10 -24.63	46.74 3.13 -2.31	41.36 2.83 -0.96	51.07 1.54 -28.82	37.60 0.76 -26.34	39.84 0.98 -25.29	33.37 2.25 0.00	33.65 2.16 0.00
PJM_GEN_KEystone 24065	41.73 0.49 0.00	33.96 0.17 0.03	28.06 0.15 0.01	28.90 0.21 0.00	28.79 0.39 0.00	31.33 0.41 -0.07	30.49 0.31 0.00	32.24 0.29 0.00	43.11 0.52 0.00	57.92 0.58 0.00	42.32 0.48 0.00	37.40 0.43 0.00	39.06 0.47 0.00	33.30 0.53 -0.32	35.11 0.56 -1.09	31.30 0.37 -0.15	84.93 0.47 -15.18	47.22 0.56 -5.36	35.34 0.34 2.58	35.98 0.19 -15.08	26.09 0.04 -15.54	28.17 0.06 -14.56	30.85 0.21 0.47	31.76 0.27 0.00
PJM_GEN_NEPTUNE_PROXY 323594	43.53 2.30 0.00	35.76 1.95 0.00	29.33 1.40 0.00	30.29 1.60 0.00	29.98 1.59 0.00	32.67 1.75 -0.07	31.96 1.79 0.00	33.99 2.04 0.00	45.17 2.58 0.00	60.81 3.47 0.00	44.70 2.86 0.00	43.51 2.67 -3.87	46.96 2.85 -5.52	35.13 2.35 -0.32	36.00 2.46 -0.08	33.36 2.09 -0.49	100.78 4.76 -26.75	54.26 3.02 -9.94	41.27 2.73 -0.96	51.05 1.51 -28.82	37.62 0.77 -26.34	39.84 0.98 -25.30	33.43 2.31 0.00	33.62 2.14 0.00
PJM_GEN_VFT_PROXY 323633	43.62 2.39 0.00	35.78 1.97 0.00	29.42 1.49 0.00	30.22 1.53 0.00	30.03 1.64 0.00	32.69 1.77 -0.07	31.99 1.81 0.00	33.98 2.03 0.00	45.19 2.60 0.00	60.73 3.39 0.00	44.50 2.66 0.00	39.42 2.45 0.00	41.31 2.72 0.00	35.10 2.32 -0.32	35.87 2.34 -0.08	33.40 2.13 -0.49	98.89 4.98 -24.63	46.70 3.09 -2.31	41.30 2.77 -0.96	51.03 1.50 -28.82	37.59 0.74 -26.34	39.81 0.96 -25.30	33.33 2.22 0.00	33.61 2.12 0.00
PLATSBURG_115KV_PMLD1 355749	42.43 1.20 0.00	35.01 1.19 0.00	28.50 0.57 0.00	28.31 -0.38 0.00	27.37 -1.03 0.00	29.84 -1.01 0.00	29.59 -0.59 0.00	30.77 -1.19 0.00	41.01 -1.58 0.00	56.18 -1.16 0.00	40.96 -0.88 0.00	35.85 -1.12 0.00	36.68 -1.91 0.00	30.48 -1.98 0.00	31.51 -1.94 0.00	26.00 -2.72 2.07	64.07 -5.69 -0.49	37.03 -4.31 -0.05	34.17 -3.43 -0.02	19.01 -1.83 -0.13	10.32 -0.70 -0.52	13.11 -0.95 -0.50	28.76 -2.35 0.00	5.88 -2.58 23.03
PLEASANTVLY___LBMP 24000	43.03 1.79 0.00	35.34 1.52 0.00	29.12 1.19 0.00	29.93 1.25 0.00	29.72 1.32 0.00	32.28 1.42 0.00	31.63 1.46 0.00	33.62 1.66 0.00	44.75 2.16 0.00	60.21 2.88 0.00	44.08 2.24 0.00	39.02 2.06 0.00	40.83 2.24 0.00	34.35 1.89 0.00	35.35 1.90 0.00	32.54 1.76 0.00	98.20 4.13 -24.80	46.19 2.53 -2.35	40.85 2.29 -0.98	51.36 1.25 -29.41	37.99 0.62 -26.87	40.15 0.79 -25.81	32.90 1.78 0.00	33.21 1.72 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.42 2.19 0.00	35.64 1.82 0.00	29.34 1.41 0.00	30.16 1.47 0.00	29.94 1.54 0.00	32.53 1.68 0.00	31.90 1.73 0.00	33.91 1.95 0.00	45.13 2.54 0.00	60.68 3.34 0.00	44.45 2.61 0.00	39.36 2.39 0.00	41.21 2.62 0.00	34.66 2.20 0.00	35.68 2.23 0.00	32.83 2.05 0.00	98.47 4.82 -24.38	46.59 2.97 -2.31	41.21 2.67 -0.96	51.09 1.46 -28.92	37.65 0.71 -26.43	39.86 0.92 -25.39	33.21 2.09 0.00	33.50 2.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.42 2.19 0.00	35.64 1.82 0.00	29.34 1.41 0.00	30.16 1.47 0.00	29.94 1.54 0.00	32.53 1.68 0.00	31.90 1.73 0.00	33.91 1.95 0.00	45.13 2.54 0.00	60.68 3.34 0.00	44.45 2.61 0.00	39.36 2.39 0.00	41.21 2.62 0.00	34.66 2.20 0.00	35.68 2.23 0.00	32.83 2.05 0.00	98.47 4.82 -24.38	46.59 2.97 -2.31	41.21 2.67 -0.96	51.09 1.46 -28.92	37.65 0.71 -26.43	39.86 0.92 -25.39	33.21 2.09 0.00	33.50 2.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.41 2.17 0.00	35.62 1.79 0.00	29.34 1.41 0.00	30.16 1.47 0.00	29.93 1.53 0.00	32.53 1.67 0.00	31.90 1.73 0.00	33.91 1.96 0.00	45.17 2.58 0.00	60.81 3.47 0.00	44.49 2.66 0.00	39.36 2.39 0.00	41.14 2.55 0.00	34.60 2.14 0.00	35.61 2.16 0.00	32.81 2.02 0.00	98.62 4.81 -24.54	46.59 2.95 -2.33	41.23 2.69 -0.97	51.30 1.46 -29.13	37.84 0.71 -26.62	40.03 0.90 -25.57	33.15 2.03 0.00	33.44 1.95 0.00
POLETTI___ 23519	43.60 2.36 0.00	35.78 1.96 0.00	29.45 1.52 0.00	30.25 1.56 0.00	30.05 1.65 0.00	32.60 1.74 0.00	31.93 1.76 0.00	33.91 1.96 0.00	45.09 2.51 0.00	60.63 3.29 0.00	44.45 2.61 0.00	39.38 2.41 0.00	41.27 2.69 0.00	34.78 2.33 0.00	35.79 2.33 0.00	32.87 2.09 0.00	98.45 4.89 -24.29	46.62 3.01 -2.31	41.23 2.70 -0.96	51.00 1.47 -28.82	37.58 0.74 -26.34	39.82 0.97 -25.30	33.38 2.26 0.00	33.66 2.18 0.00
POMONA___ESR 323819	43.38 2.15 0.00	35.61 1.79 0.00	29.32 1.39 0.00	30.13 1.44 0.00	29.95 1.56 0.00	32.57 1.72 0.00	31.92 1.74 0.00	33.92 1.97 0.00	45.11 2.52 0.00	60.60 3.26 0.00	44.39 2.55 0.00	39.28 2.31 0.00	41.12 2.53 0.00	34.61 2.16 0.00	35.63 2.17 0.00	32.80 2.02 0.00	97.88 4.75 -23.86	46.52 2.96 -2.27	41.16 2.64 -0.94	50.47 1.44 -28.33	37.08 0.69 -25.89	39.30 0.88 -24.86	33.11 1.99 0.00	33.39 1.90 0.00
PORT_JEFF_3 23555	44.06 2.82 0.00	36.19 2.37 0.00	29.63 1.70 0.00	30.67 1.98 0.00	30.30 1.90 0.00	32.95 2.10 0.00	32.36 2.18 0.00	34.41 2.45 0.00	45.65 3.06 0.00	61.51 4.17 0.00	45.24 3.40 0.00	44.36 3.24 -4.16	47.89 3.36 -5.94	35.20 2.75 0.00	36.31 2.86 0.00	33.18 2.39 0.00	102.15 5.68 -27.19	55.41 3.60 -10.51	41.74 3.21 -0.96	51.31 1.78 -28.82	37.75 0.90 -26.34	40.00 1.15 -25.30	33.91 2.79 0.00	34.03 2.54 0.00

PORT_JEFF_4 23616	44.06 2.82 0.00	36.19 2.37 0.00	29.63 1.70 0.00	30.67 1.98 0.00	30.30 1.90 0.00	32.95 2.10 0.00	32.36 2.18 0.00	34.41 2.45 0.00	45.65 3.06 0.00	61.51 4.17 0.00	45.24 3.40 0.00	44.36 3.24 -4.16	47.89 3.36 -5.94	35.20 2.75 0.00	36.31 2.86 0.00	33.18 2.39 0.00	102.15 5.68 -27.19	55.41 3.60 -10.51	41.74 3.21 -0.96	51.31 1.78 -28.82	37.75 0.90 -26.34	40.00 1.15 -25.30	33.91 2.79 0.00	34.03 2.54 0.00
PORT_JEFF_IC 23713	44.05 2.82 0.00	36.18 2.36 0.00	29.62 1.69 0.00	30.66 1.97 0.00	30.29 1.90 0.00	32.94 2.09 0.00	32.36 2.18 0.00	34.41 2.45 0.00	45.64 3.05 0.00	61.51 4.17 0.00	45.24 3.41 0.00	44.38 3.24 -4.17	47.92 3.38 -5.95	35.21 2.75 0.00	36.31 2.86 0.00	33.19 2.40 0.00	102.32 5.83 -27.21	55.55 3.71 -10.54	41.76 3.22 -0.96	51.31 1.78 -28.82	37.75 0.90 -26.34	40.01 1.15 -25.30	33.92 2.80 0.00	34.04 2.55 0.00
PPL PILGRIM_ST_GT1 24216	44.24 3.00 0.00	36.38 2.56 0.00	29.77 1.84 0.00	30.82 2.13 0.00	30.46 2.06 0.00	33.14 2.29 0.00	32.50 2.32 0.00	34.57 2.61 0.00	45.90 3.32 0.00	61.81 4.47 0.00	45.48 3.64 0.00	44.59 3.39 -4.23	48.19 3.57 -6.03	35.39 2.93 0.00	36.54 3.09 0.00	33.37 2.59 0.00	102.62 6.00 -27.34	55.73 3.78 -10.64	41.90 3.37 -0.96	51.41 1.88 -28.82	37.80 0.96 -26.34	40.08 1.23 -25.30	34.04 2.93 0.00	34.19 2.70 0.00
PPL PILGRIM_ST_GT2 24217	44.24 3.00 0.00	36.38 2.56 0.00	29.77 1.84 0.00	30.82 2.13 0.00	30.46 2.06 0.00	33.14 2.29 0.00	32.50 2.32 0.00	34.57 2.61 0.00	45.90 3.32 0.00	61.81 4.47 0.00	45.48 3.64 0.00	44.59 3.39 -4.23	48.19 3.57 -6.03	35.39 2.93 0.00	36.54 3.09 0.00	33.37 2.59 0.00	102.62 6.00 -27.34	55.73 3.78 -10.64	41.90 3.37 -0.96	51.41 1.88 -28.82	37.80 0.96 -26.34	40.08 1.23 -25.30	34.04 2.93 0.00	34.19 2.70 0.00
PPL_SHRM_GT3 24213	43.90 2.67 0.00	36.02 2.20 0.00	29.47 1.53 0.00	30.53 1.85 0.00	30.13 1.74 0.00	32.76 1.90 0.00	32.32 2.14 0.00	34.29 2.34 0.00	45.29 2.70 0.00	61.07 3.73 0.00	44.89 3.05 0.00	44.11 2.97 -4.16	47.61 3.07 -5.94	34.92 2.46 0.00	35.96 2.51 0.00	32.88 2.09 0.00	101.68 5.20 -27.20	55.17 3.34 -10.52	41.51 2.97 -0.96	51.16 1.63 -28.82	37.66 0.81 -26.34	39.91 1.05 -25.30	33.82 2.70 0.00	33.91 2.42 0.00
PPL_SHRM_GT4 24214	43.90 2.67 0.00	36.02 2.20 0.00	29.47 1.53 0.00	30.53 1.85 0.00	30.13 1.74 0.00	32.76 1.90 0.00	32.32 2.14 0.00	34.29 2.34 0.00	45.29 2.70 0.00	61.07 3.73 0.00	44.89 3.05 0.00	44.11 2.97 -4.16	47.61 3.07 -5.94	34.92 2.46 0.00	35.96 2.51 0.00	32.88 2.09 0.00	101.68 5.20 -27.20	55.17 3.34 -10.52	41.51 2.97 -0.96	51.16 1.63 -28.82	37.66 0.81 -26.34	39.91 1.05 -25.30	33.82 2.70 0.00	33.91 2.42 0.00
PROJECT___ORANGE 1 24174	40.91 -0.33 0.00	33.46 -0.36 0.00	27.65 -0.28 0.00	28.43 -0.26 0.00	28.18 -0.22 0.00	30.64 -0.21 0.00	29.94 -0.23 0.00	31.70 -0.26 0.00	42.31 -0.28 0.00	56.85 -0.49 0.00	41.44 -0.40 0.00	36.62 -0.34 0.00	38.26 -0.33 0.00	32.25 -0.21 0.00	33.26 -0.20 0.00	30.54 -0.20 0.04	71.05 -0.52 -2.29	41.27 -0.25 -0.22	37.38 -0.29 -0.09	23.22 -0.17 -2.69	12.87 -0.10 -2.46	15.80 -0.12 -2.36	30.87 -0.24 0.00	30.84 -0.20 0.45
PROJECT___ORANGE 2 24166	40.91 -0.33 0.00	33.46 -0.36 0.00	27.65 -0.28 0.00	28.43 -0.26 0.00	28.18 -0.22 0.00	30.64 -0.21 0.00	29.94 -0.23 0.00	31.70 -0.26 0.00	42.31 -0.28 0.00	56.85 -0.49 0.00	41.44 -0.40 0.00	36.62 -0.34 0.00	38.26 -0.33 0.00	32.25 -0.21 0.00	33.26 -0.20 0.00	30.54 -0.20 0.04	71.05 -0.52 -2.29	41.27 -0.25 -0.22	37.38 -0.29 -0.09	23.22 -0.17 -2.69	12.87 -0.10 -2.46	15.80 -0.12 -2.36	30.87 -0.24 0.00	30.84 -0.20 0.45
PUCKETT___SOLAR 323809	41.78 0.55 0.00	34.02 0.19 -0.01	28.13 0.20 0.00	28.96 0.27 0.00	28.74 0.35 0.00	31.25 0.39 0.00	30.49 0.31 0.00	32.35 0.40 0.00	43.27 0.68 0.00	57.93 0.59 0.00	42.24 0.41 0.00	37.34 0.37 0.00	39.19 0.60 0.00	33.11 0.65 0.00	34.12 0.67 0.00	31.46 0.67 0.00	80.06 1.46 -9.32	43.10 0.91 -0.89	39.09 0.57 -0.94	31.83 0.27 -10.85	19.73 0.10 -9.13	22.57 0.11 -8.91	31.53 0.25 -0.17	31.77 0.28 0.00
PYRITES___HYD 24023	42.49 1.25 0.00	34.96 1.14 0.00	28.54 0.61 0.00	28.30 -0.39 0.00	27.62 -0.77 0.00	30.18 -0.67 0.00	29.83 -0.35 0.00	31.04 -0.91 0.00	41.53 -1.06 0.00	56.86 -0.48 0.00	41.10 -0.73 0.00	35.98 -0.98 0.00	37.16 -1.43 0.00	31.05 -1.41 0.00	32.18 -1.28 0.00	27.19 -1.89 1.70	66.59 -3.32 -0.64	38.73 -2.63 -0.06	35.59 -2.02 -0.03	19.92 -1.17 -0.39	10.78 -0.41 -0.68	13.61 -0.60 -0.66	29.55 -1.57 0.00	10.85 -1.70 18.94
QUAKERRD_115KV_BK1 80622	39.61 -1.63 0.00	32.36 -1.46 0.00	26.72 -1.21 0.00	27.47 -1.22 0.00	27.25 -1.14 0.00	29.67 -1.19 0.00	28.96 -1.21 0.00	30.38 -1.57 0.00	40.60 -1.99 0.00	54.69 -2.65 0.00	39.72 -2.12 0.00	35.13 -1.84 0.00	36.67 -1.92 0.00	30.94 -1.52 0.00	31.98 -1.47 0.00	29.28 -1.50 0.00	68.42 -3.76 -2.90	39.55 -2.03 -0.27	34.60 -1.95 1.03	20.94 -1.08 -1.31	12.35 -0.53 -2.36	14.79 -0.71 -1.95	29.09 -1.55 0.47	30.02 -1.47 0.00
QUENSBRY_115KV_TB8 356137	43.64 2.40 0.00	36.05 2.23 0.00	29.66 1.73 0.00	30.57 1.88 0.00	30.28 1.89 0.00	32.89 2.03 0.00	32.27 2.09 0.00	34.43 2.48 0.00	46.00 3.41 0.00	61.99 4.65 0.00	45.23 3.40 0.00	39.56 2.59 0.00	41.04 2.45 0.00	33.89 1.43 0.00	34.91 1.46 0.00	32.18 1.40 0.00	100.77 3.34 -28.16	45.77 1.80 -2.67	40.50 1.80 -1.11	55.01 1.00 -33.30	41.46 0.52 -30.43	43.45 0.67 -29.23	32.59 1.47 -0.01	32.84 1.35 0.00
RAMAPO___LBMP 323565	43.24 2.00 0.00	35.49 1.67 0.00	29.23 1.30 0.00	30.04 1.35 0.00	29.86 1.46 0.00	32.47 1.62 0.00	31.83 1.65 0.00	33.82 1.86 0.00	44.97 2.38 0.00	60.39 3.05 0.00	44.23 2.39 0.00	39.15 2.18 0.00	40.98 2.39 0.00	34.49 2.03 0.00	35.51 2.05 0.00	32.68 1.90 0.00	97.61 4.51 -23.83	46.38 2.82 -2.26	41.02 2.50 -0.94	50.36 1.36 -28.29	37.01 0.65 -25.86	39.22 0.83 -24.84	32.98 1.87 0.00	33.28 1.79 0.00
RANKINE____ 23646	40.47 -0.77 0.00	32.94 -0.88 0.00	27.22 -0.71 0.00	28.03 -0.66 0.00	27.87 -0.52 0.00	30.32 -0.54 0.00	29.46 -0.72 0.00	30.53 -1.42 0.00	40.93 -1.66 0.00	54.88 -2.47 0.00	39.61 -2.23 0.00	35.09 -1.87 0.00	36.45 -2.14 0.00	30.90 -1.56 0.00	31.94 -1.51 0.00	29.03 -1.75 0.00	66.96 -5.06 -2.74	38.14 -2.50 0.67	31.17 -2.45 3.96	16.40 -1.31 2.99	12.61 -0.66 -2.76	14.44 -0.87 -1.76	28.38 -1.80 0.93	29.91 -1.58 0.00
RAVENSWOOD_GT2_1 24244	43.67 2.43 0.00	35.82 2.00 0.00	29.48 1.55 0.00	30.29 1.61 0.00	30.09 1.70 0.00	32.68 1.82 0.00	32.04 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.78 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.88 2.43 0.00	32.99 2.20 0.00	98.73 5.16 -24.29	46.79 3.18 -2.31	41.38 2.84 -0.96	51.08 1.55 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.41 2.30 0.00	33.70 2.21 0.00



RAVENSWOOD_GT2_2 24245	43.67 2.43 0.00	35.82 2.00 0.00	29.48 1.55 0.00	30.29 1.61 0.00	30.09 1.70 0.00	32.68 1.82 0.00	32.04 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.78 0.00	39.53 2.56 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.88 2.43 0.00	32.99 2.20 0.00	98.73 5.16 -24.29	46.79 3.18 -2.31	41.38 2.84 -0.96	51.08 1.55 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.41 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD_GT2_3 24246	43.69 2.46 0.00	35.85 2.02 0.00	29.50 1.57 0.00	30.30 1.62 0.00	30.10 1.71 0.00	32.69 1.84 0.00	32.05 1.88 0.00	34.05 2.10 0.00	45.31 2.73 0.00	60.94 3.59 0.00	44.65 2.81 0.00	39.55 2.58 0.00	41.44 2.85 0.00	34.88 2.42 0.00	35.90 2.45 0.00	33.00 2.22 0.00	98.79 5.23 -24.29	46.81 3.20 -2.31	41.41 2.87 -0.96	51.10 1.57 -28.82	37.62 0.78 -26.34	39.86 1.01 -25.30	33.42 2.31 0.00	33.71 2.22 0.00
RAVENSWOOD_GT2_4 24247	43.69 2.46 0.00	35.85 2.02 0.00	29.50 1.57 0.00	30.30 1.62 0.00	30.10 1.71 0.00	32.69 1.84 0.00	32.05 1.88 0.00	34.05 2.10 0.00	45.31 2.73 0.00	60.94 3.59 0.00	44.65 2.81 0.00	39.55 2.58 0.00	41.44 2.85 0.00	34.88 2.42 0.00	35.90 2.45 0.00	33.00 2.22 0.00	98.79 5.23 -24.29	46.81 3.20 -2.31	41.41 2.87 -0.96	51.10 1.57 -28.82	37.62 0.78 -26.34	39.86 1.01 -25.30	33.42 2.31 0.00	33.71 2.22 0.00
RAVENSWOOD_GT3_1 24248	43.68 2.45 0.00	35.84 2.02 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.79 0.00	39.54 2.57 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.17 -24.29	46.79 3.18 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD_GT3_2 24249	43.68 2.45 0.00	35.84 2.02 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.79 0.00	39.54 2.57 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.17 -24.29	46.79 3.18 -2.31	41.38 2.85 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD_GT3_3 24250	43.74 2.50 0.00	35.88 2.06 0.00	29.52 1.59 0.00	30.33 1.64 0.00	30.13 1.73 0.00	32.72 1.87 0.00	32.08 1.91 0.00	34.09 2.14 0.00	45.36 2.77 0.00	61.00 3.66 0.00	44.70 2.86 0.00	39.60 2.63 0.00	41.48 2.89 0.00	34.92 2.46 0.00	35.94 2.49 0.00	33.04 2.26 0.00	98.86 5.30 -24.29	46.87 3.26 -2.31	41.45 2.91 -0.96	51.12 1.59 -28.82	37.64 0.79 -26.34	39.87 1.02 -25.30	33.46 2.34 0.00	33.75 2.26 0.00
RAVENSWOOD_GT3_4 24251	43.74 2.50 0.00	35.88 2.06 0.00	29.52 1.59 0.00	30.33 1.64 0.00	30.13 1.73 0.00	32.72 1.87 0.00	32.08 1.91 0.00	34.09 2.14 0.00	45.36 2.77 0.00	61.00 3.66 0.00	44.70 2.86 0.00	39.60 2.63 0.00	41.48 2.89 0.00	34.92 2.46 0.00	35.94 2.49 0.00	33.04 2.26 0.00	98.86 5.30 -24.29	46.87 3.26 -2.31	41.45 2.91 -0.96	51.12 1.59 -28.82	37.64 0.79 -26.34	39.87 1.02 -25.30	33.46 2.34 0.00	33.75 2.26 0.00
RAVENSWOOD_GT_1 23729	43.79 2.56 0.00	35.92 2.10 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.77 0.00	32.75 1.90 0.00	32.12 1.94 0.00	34.12 2.17 0.00	45.40 2.82 0.00	61.06 3.72 0.00	44.73 2.89 0.00	39.63 2.66 0.00	41.52 2.93 0.00	34.96 2.50 0.00	35.97 2.52 0.00	33.07 2.29 0.00	98.94 5.37 -24.29	46.90 3.29 -2.31	41.49 2.95 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.90 1.04 -25.30	33.50 2.38 0.00	33.77 2.29 0.00
RAVENSWOOD_GT_10 24258	43.68 2.44 0.00	35.83 2.01 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.78 0.00	39.54 2.57 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.79 3.18 -2.31	41.38 2.84 -0.96	51.08 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.41 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD_GT_11 24259	43.68 2.44 0.00	35.83 2.01 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.78 0.00	39.54 2.57 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.79 3.18 -2.31	41.38 2.84 -0.96	51.08 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.41 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD_GT_4 24252	43.68 2.44 0.00	35.84 2.02 0.00	29.48 1.56 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.84 0.00	32.04 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.79 0.00	39.54 2.57 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.79 3.18 -2.31	41.38 2.84 -0.96	51.08 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.41 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD_GT_5 24254	43.68 2.44 0.00	35.84 2.02 0.00	29.48 1.56 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.84 0.00	32.04 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.79 0.00	39.54 2.57 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.79 3.18 -2.31	41.38 2.84 -0.96	51.08 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.41 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD_GT_6 24253	43.68 2.44 0.00	35.84 2.02 0.00	29.48 1.56 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.84 0.00	32.04 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.79 0.00	39.54 2.57 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.79 3.18 -2.31	41.38 2.84 -0.96	51.08 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.41 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD_GT_7 24255	43.68 2.44 0.00	35.84 2.02 0.00	29.48 1.56 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.84 0.00	32.04 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.79 0.00	39.54 2.57 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.79 3.18 -2.31	41.38 2.84 -0.96	51.08 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.41 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.68 2.44 0.00	35.83 2.01 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.78 0.00	39.54 2.57 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.79 3.18 -2.31	41.38 2.84 -0.96	51.08 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.41 2.30 0.00	33.70 2.21 0.00

RAVENSWOOD_GT_9 24257	43.68 2.44 0.00	35.83 2.01 0.00	29.48 1.55 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.90 3.56 0.00	44.62 2.78 0.00	39.54 2.57 0.00	41.42 2.83 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.16 -24.29	46.79 3.18 -2.31	41.38 2.84 -0.96	51.08 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.41 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD___1 23533	43.71 2.47 0.00	35.85 2.03 0.00	29.50 1.57 0.00	30.32 1.63 0.00	30.12 1.72 0.00	32.70 1.85 0.00	32.06 1.89 0.00	34.06 2.11 0.00	45.32 2.74 0.00	60.95 3.61 0.00	44.65 2.81 0.00	39.56 2.59 0.00	41.45 2.86 0.00	34.90 2.45 0.00	35.91 2.45 0.00	33.01 2.23 0.00	98.76 5.20 -24.29	46.81 3.20 -2.31	41.42 2.89 -0.96	51.11 1.58 -28.82	37.63 0.79 -26.34	39.87 1.02 -25.30	33.44 2.32 0.00	33.71 2.23 0.00
RAVENSWOOD___2 23534	43.71 2.47 0.00	35.85 2.03 0.00	29.50 1.57 0.00	30.32 1.63 0.00	30.12 1.72 0.00	32.70 1.85 0.00	32.06 1.89 0.00	34.06 2.11 0.00	45.32 2.74 0.00	60.95 3.61 0.00	44.65 2.81 0.00	39.56 2.59 0.00	41.45 2.86 0.00	34.90 2.45 0.00	35.91 2.45 0.00	33.01 2.23 0.00	98.76 5.20 -24.29	46.81 3.20 -2.31	41.42 2.89 -0.96	51.11 1.58 -28.82	37.63 0.79 -26.34	39.87 1.02 -25.30	33.44 2.32 0.00	33.71 2.23 0.00
RAVENSWOOD___3 23535	43.68 2.45 0.00	35.84 2.02 0.00	29.48 1.56 0.00	30.30 1.61 0.00	30.09 1.70 0.00	32.69 1.83 0.00	32.05 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.91 3.57 0.00	44.62 2.78 0.00	39.54 2.57 0.00	41.42 2.84 0.00	34.87 2.41 0.00	35.89 2.44 0.00	32.99 2.21 0.00	98.73 5.17 -24.29	46.78 3.17 -2.31	41.39 2.85 -0.96	51.09 1.57 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.30	33.42 2.30 0.00	33.70 2.21 0.00
RAVENSWOOD___4 23820	43.71 2.47 0.00	35.85 2.03 0.00	29.50 1.57 0.00	30.32 1.63 0.00	30.12 1.72 0.00	32.70 1.85 0.00	32.06 1.89 0.00	34.06 2.11 0.00	45.32 2.74 0.00	60.95 3.61 0.00	44.65 2.81 0.00	39.56 2.59 0.00	41.45 2.86 0.00	34.90 2.45 0.00	35.91 2.45 0.00	33.01 2.23 0.00	98.76 5.20 -24.29	46.81 3.20 -2.31	41.42 2.89 -0.96	51.11 1.58 -28.82	37.63 0.79 -26.34	39.87 1.02 -25.30	33.44 2.32 0.00	33.71 2.23 0.00
RCPL_TRUST___DRP 24196	43.67 2.43 0.00	35.81 2.00 0.00	29.48 1.55 0.00	30.28 1.59 0.00	30.08 1.69 0.00	32.67 1.82 0.00	32.04 1.87 0.00	34.04 2.09 0.00	45.30 2.71 0.00	60.93 3.59 0.00	44.64 2.81 0.00	39.55 2.58 0.00	41.43 2.84 0.00	34.87 2.41 0.00	35.89 2.44 0.00	33.00 2.22 0.00	98.77 5.21 -24.29	46.79 3.18 -2.31	41.40 2.86 -0.96	51.09 1.56 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.29	33.40 2.28 0.00	33.68 2.19 0.00
RED___ROCHESTER 323720	40.50 -0.74 0.00	33.03 -0.78 0.01	27.28 -0.65 0.01	28.04 -0.65 0.00	27.85 -0.55 0.00	30.31 -0.54 0.00	29.59 -0.59 0.00	30.97 -0.99 0.00	41.44 -1.15 0.00	55.86 -1.49 0.00	40.53 -1.31 0.00	35.83 -1.14 0.00	37.40 -1.19 0.00	31.57 -0.89 0.00	32.67 -0.79 0.00	29.86 -0.92 0.00	69.59 -2.52 -2.83	40.24 -1.21 -0.15	34.94 -1.23 1.41	20.73 -0.67 -0.69	12.54 -0.32 -2.35	14.96 -0.46 -1.87	29.61 -0.97 0.53	30.63 -0.85 0.00
REGAN___SOLAR 323812	43.71 2.47 0.00	35.81 1.99 0.00	29.47 1.54 0.00	30.20 1.52 0.00	29.90 1.50 0.00	32.52 1.66 0.00	31.88 1.70 0.00	33.80 1.85 0.00	44.95 2.37 0.00	60.55 3.21 0.00	43.77 1.93 0.00	38.58 1.61 0.00	40.17 1.58 0.00	33.36 0.91 0.00	34.43 0.98 0.00	32.38 1.60 0.00	103.37 4.02 -30.07	46.69 2.53 -2.85	41.16 2.40 -1.18	57.46 1.28 -35.48	43.56 0.63 -32.42	45.49 0.79 -31.14	32.84 1.72 -0.01	33.15 1.66 0.00
RENSSELAER___COGEN 23796	41.68 0.44 0.00	34.29 0.47 0.00	28.40 0.47 0.00	29.21 0.52 0.00	28.93 0.54 0.00	31.37 0.52 0.00	30.67 0.49 0.00	32.58 0.63 0.00	43.30 0.71 0.00	58.39 1.05 0.00	42.65 0.81 0.00	37.68 0.71 0.00	39.33 0.74 0.00	33.11 0.66 0.00	34.05 0.59 0.00	31.48 0.69 0.00	98.20 1.51 -27.41	44.70 0.80 -2.60	39.45 0.79 -1.08	53.61 0.47 -32.44	40.38 0.23 -29.64	42.32 0.30 -28.47	31.77 0.65 -0.01	32.07 0.58 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.11 3.87 0.00	37.34 3.52 0.00	30.54 2.61 0.00	31.59 2.90 0.00	31.26 2.86 0.00	33.88 3.03 0.00	33.41 3.24 0.00	35.90 3.94 0.00	48.22 5.63 0.00	64.83 7.49 0.00	47.29 5.45 0.00	41.31 4.34 0.00	42.86 4.27 0.00	35.48 3.02 0.00	36.66 3.21 0.00	33.63 2.84 0.00	104.58 7.15 -28.15	47.78 3.80 -2.67	42.40 3.72 -1.11	55.96 1.97 -33.28	41.96 1.04 -30.42	44.09 1.32 -29.22	33.97 2.85 -0.01	34.15 2.66 0.00
REVERE_CPPR_DRP 24186	42.47 1.23 0.00	34.82 1.00 0.00	28.77 0.84 0.00	29.42 0.73 0.00	29.10 0.70 0.00	31.73 0.88 0.00	31.00 0.82 0.00	32.84 0.89 0.00	43.95 1.37 0.00	59.14 1.80 0.00	43.06 1.22 0.00	37.93 0.96 0.00	39.54 0.94 0.00	33.38 0.92 0.00	34.43 0.98 0.00	31.56 0.90 0.12	72.80 2.21 -1.32	42.64 1.21 -0.12	38.65 1.01 -0.05	22.68 0.45 -1.53	12.11 0.18 -1.42	15.14 0.23 -1.37	31.54 0.42 0.00	30.51 0.36 1.35
REYNOLDS_115KV_TB3 80639	42.01 0.78 0.00	34.60 0.78 0.00	28.61 0.69 0.00	29.44 0.76 0.00	29.17 0.77 0.00	31.64 0.79 0.00	30.92 0.75 0.00	32.83 0.87 0.00	43.65 1.07 0.00	58.89 1.55 0.00	43.02 1.18 0.00	38.01 1.04 0.00	39.68 1.09 0.00	33.38 0.92 0.00	34.35 0.89 0.00	31.71 0.93 0.00	98.77 2.03 -27.46	45.02 1.11 -2.61	39.74 1.08 -1.08	53.84 0.64 -32.49	40.52 0.32 -29.69	42.48 0.41 -28.52	32.02 0.91 -0.01	32.34 0.85 0.00
RIVERBAY____ 323610	43.66 2.42 0.00	35.90 2.08 0.00	29.58 1.65 0.00	30.41 1.73 0.00	30.20 1.81 0.00	32.77 1.92 0.00	32.22 2.04 0.00	34.05 2.10 0.00	45.33 2.75 0.00	61.14 3.80 0.00	44.79 2.96 0.00	39.68 2.71 0.00	41.62 3.03 0.00	35.00 2.54 0.00	35.98 2.53 0.00	33.10 2.31 0.00	99.03 5.46 -24.29	47.06 3.45 -2.31	41.58 3.05 -0.96	51.17 1.64 -28.82	37.69 0.84 -26.34	39.92 1.07 -25.30	33.56 2.44 0.00	33.77 2.29 0.00
RIVERSDE_115KV_TB3 55908	41.86 0.62 0.00	34.45 0.63 0.00	28.51 0.58 0.00	29.33 0.65 0.00	29.06 0.67 0.00	31.51 0.66 0.00	30.81 0.63 0.00	32.72 0.76 0.00	43.50 0.91 0.00	58.67 1.32 0.00	42.85 1.01 0.00	37.86 0.89 0.00	39.52 0.93 0.00	33.25 0.79 0.00	34.21 0.76 0.00	31.61 0.83 0.00	98.57 1.79 -27.51	44.88 0.97 -2.61	39.61 0.95 -1.08	53.81 0.56 -32.54	40.53 0.28 -29.74	42.48 0.36 -28.56	31.90 0.79 -0.01	32.22 0.73 0.00
ROARING___BROOK_WT_PWR 323790	41.23 0.00 0.00	33.92 0.10 0.00	27.87 -0.05 0.00	28.19 -0.49 0.00	27.62 -0.77 0.00	30.06 -0.80 0.00	29.50 -0.67 0.00	30.94 -1.01 0.00	41.28 -1.31 0.00	56.05 -1.29 0.00	40.89 -0.95 0.00	36.06 -0.91 0.00	37.49 -1.10 0.00	31.37 -1.09 0.00	32.31 -1.15 0.00	27.19 -1.26 2.33	66.82 -2.46 0.00	39.59 -1.72 0.00	36.10 -1.48 0.00	19.31 -0.90 0.50	10.07 -0.44 0.00	12.97 -0.58 0.00	29.68 -1.43 0.00	4.03 -1.53 25.93

ROCHESRG_115KV_T4 355643	40.11 -1.13 0.00	32.74 -1.08 0.00	27.04 -0.89 0.00	27.80 -0.88 0.00	27.60 -0.79 0.00	30.05 -0.81 0.00	29.31 -0.86 0.00	30.67 -1.29 0.00	41.02 -1.57 0.00	55.24 -2.10 0.00	40.08 -1.76 0.00	35.44 -1.53 0.00	36.97 -1.62 0.00	31.23 -1.23 0.00	32.30 -1.16 0.00	29.52 -1.26 0.00	68.73 -3.33 -2.78	39.72 -1.71 -0.13	34.49 -1.66 1.43	20.43 -0.91 -0.64	12.41 -0.44 -2.34	14.80 -0.61 -1.86	29.31 -1.28 0.52	30.33 -1.16 0.00
ROCHESTER_9_IC 23652	40.33 -0.91 0.00	32.91 -0.91 0.00	27.17 -0.76 0.00	27.94 -0.75 0.00	27.74 -0.66 0.00	30.20 -0.65 0.00	29.46 -0.71 0.00	30.83 -1.13 0.00	41.24 -1.35 0.00	55.55 -1.79 0.00	40.31 -1.52 0.00	35.64 -1.33 0.00	37.20 -1.39 0.00	31.41 -1.05 0.00	32.50 -0.96 0.00	29.71 -1.08 0.00	69.20 -2.91 -2.83	40.00 -1.46 -0.15	34.73 -1.44 1.41	20.61 -0.79 -0.69	12.48 -0.38 -2.35	14.88 -0.53 -1.87	29.46 -1.12 0.53	30.49 -1.00 0.00
ROCKVIEW_13_KV_LD 356306	43.69 2.45 0.00	35.84 2.02 0.00	29.49 1.56 0.00	30.30 1.62 0.00	30.10 1.71 0.00	32.71 1.86 0.00	32.08 1.90 0.00	34.09 2.13 0.00	45.35 2.77 0.00	60.99 3.65 0.00	44.70 2.86 0.00	39.59 2.62 0.00	41.45 2.86 0.00	34.88 2.42 0.00	35.90 2.44 0.00	33.02 2.24 0.00	98.84 5.27 -24.29	46.83 3.22 -2.31	41.44 2.90 -0.96	51.11 1.59 -28.82	37.62 0.78 -26.34	39.85 1.00 -25.30	33.41 2.29 0.00	33.69 2.21 0.00
ROME____115KV_TB2 80656	42.47 1.23 0.00	34.82 1.00 0.00	28.77 0.84 0.00	29.42 0.73 0.00	29.10 0.70 0.00	31.73 0.88 0.00	31.00 0.82 0.00	32.84 0.89 0.00	43.95 1.37 0.00	59.14 1.80 0.00	43.06 1.22 0.00	37.93 0.96 0.00	39.54 0.94 0.00	33.38 0.92 0.00	34.43 0.98 0.00	31.56 0.90 0.12	72.80 2.21 -1.32	42.64 1.21 -0.12	38.65 1.01 -0.05	22.68 0.45 -1.53	12.11 0.18 -1.42	15.14 0.23 -1.37	31.54 0.42 0.00	30.51 0.36 1.35
ROSETON___1 23587	43.07 1.83 0.00	35.35 1.53 0.00	29.14 1.21 0.00	29.94 1.25 0.00	29.73 1.33 0.00	32.30 1.45 0.00	31.66 1.48 0.00	33.63 1.68 0.00	44.76 2.17 0.00	60.20 2.86 0.00	44.08 2.24 0.00	39.02 2.06 0.00	40.82 2.23 0.00	34.34 1.89 0.00	35.35 1.90 0.00	32.54 1.76 0.00	97.69 4.13 -24.28	46.14 2.53 -2.31	40.83 2.29 -0.96	50.77 1.25 -28.81	37.45 0.61 -26.33	39.62 0.78 -25.29	32.89 1.77 0.00	33.19 1.70 0.00
ROSETON___2 23588	43.07 1.83 0.00	35.35 1.53 0.00	29.14 1.21 0.00	29.94 1.25 0.00	29.73 1.33 0.00	32.30 1.45 0.00	31.66 1.48 0.00	33.63 1.68 0.00	44.76 2.17 0.00	60.20 2.86 0.00	44.08 2.24 0.00	39.02 2.06 0.00	40.82 2.23 0.00	34.34 1.89 0.00	35.35 1.90 0.00	32.54 1.76 0.00	97.69 4.13 -24.28	46.14 2.53 -2.31	40.83 2.29 -0.96	50.77 1.25 -28.81	37.45 0.61 -26.33	39.62 0.78 -25.29	32.89 1.77 0.00	33.19 1.70 0.00
ROTRDAM_115KV_TB3 80664	42.32 1.09 0.00	34.77 0.96 0.00	28.70 0.77 0.00	29.51 0.83 0.00	29.22 0.82 0.00	31.75 0.89 0.00	31.07 0.89 0.00	32.97 1.01 0.00	43.90 1.31 0.00	59.16 1.82 0.00	43.16 1.32 0.00	38.09 1.12 0.00	39.75 1.16 0.00	33.33 0.88 0.00	34.37 0.92 0.00	31.70 0.91 0.00	99.82 2.15 -28.39	45.26 1.26 -2.69	39.89 1.20 -1.12	54.95 0.66 -33.57	41.52 0.34 -30.68	43.45 0.43 -29.47	32.07 0.95 -0.01	32.41 0.92 0.00
RUSSELL___1 23602	40.51 -0.73 0.00	33.04 -0.78 0.00	27.28 -0.65 0.00	28.04 -0.65 0.00	27.84 -0.55 0.00	30.32 -0.53 0.00	29.59 -0.58 0.00	30.97 -0.99 0.00	41.44 -1.15 0.00	55.84 -1.50 0.00	40.52 -1.31 0.00	35.82 -1.14 0.00	37.39 -1.20 0.00	31.58 -0.88 0.00	32.67 -0.79 0.00	29.86 -0.92 0.00	69.59 -2.52 -2.83	40.22 -1.23 -0.15	34.96 -1.22 1.41	20.73 -0.67 -0.69	12.54 -0.32 -2.35	14.95 -0.47 -1.87	29.62 -0.96 0.53	30.63 -0.86 0.00
RUSSELL___2 23532	40.51 -0.73 0.00	33.04 -0.78 0.00	27.28 -0.65 0.00	28.04 -0.65 0.00	27.84 -0.55 0.00	30.32 -0.53 0.00	29.59 -0.58 0.00	30.97 -0.99 0.00	41.44 -1.15 0.00	55.84 -1.50 0.00	40.52 -1.31 0.00	35.82 -1.14 0.00	37.39 -1.20 0.00	31.58 -0.88 0.00	32.67 -0.79 0.00	29.86 -0.92 0.00	69.59 -2.52 -2.83	40.22 -1.23 -0.15	34.96 -1.22 1.41	20.73 -0.67 -0.69	12.54 -0.32 -2.35	14.95 -0.47 -1.87	29.62 -0.96 0.53	30.63 -0.86 0.00
RUSSELL___3 23549	40.51 -0.73 0.00	33.04 -0.78 0.00	27.28 -0.65 0.00	28.04 -0.65 0.00	27.84 -0.55 0.00	30.32 -0.53 0.00	29.59 -0.58 0.00	30.97 -0.99 0.00	41.44 -1.15 0.00	55.84 -1.50 0.00	40.52 -1.31 0.00	35.82 -1.14 0.00	37.39 -1.20 0.00	31.58 -0.88 0.00	32.67 -0.79 0.00	29.86 -0.92 0.00	69.59 -2.52 -2.83	40.22 -1.23 -0.15	34.96 -1.22 1.41	20.73 -0.67 -0.69	12.54 -0.32 -2.35	14.95 -0.47 -1.87	29.62 -0.96 0.53	30.63 -0.86 0.00
RUSSELL___4 23556	40.51 -0.73 0.00	33.04 -0.78 0.00	27.28 -0.65 0.00	28.04 -0.65 0.00	27.84 -0.55 0.00	30.32 -0.53 0.00	29.59 -0.58 0.00	30.97 -0.99 0.00	41.44 -1.15 0.00	55.84 -1.50 0.00	40.52 -1.31 0.00	35.82 -1.14 0.00	37.39 -1.20 0.00	31.58 -0.88 0.00	32.67 -0.79 0.00	29.86 -0.92 0.00	69.59 -2.52 -2.83	40.22 -1.23 -0.15	34.96 -1.22 1.41	20.73 -0.67 -0.69	12.54 -0.32 -2.35	14.95 -0.47 -1.87	29.62 -0.96 0.53	30.63 -0.86 0.00
RUSSELL__STATION 23914	40.51 -0.73 0.00	33.04 -0.78 0.00	27.28 -0.65 0.00	28.04 -0.65 0.00	27.84 -0.55 0.00	30.32 -0.53 0.00	29.59 -0.58 0.00	30.97 -0.99 0.00	41.44 -1.15 0.00	55.84 -1.50 0.00	40.52 -1.31 0.00	35.82 -1.14 0.00	37.39 -1.20 0.00	31.58 -0.88 0.00	32.67 -0.79 0.00	29.86 -0.92 0.00	69.59 -2.52 -2.83	40.22 -1.23 -0.15	34.96 -1.22 1.41	20.73 -0.67 -0.69	12.54 -0.32 -2.35	14.95 -0.47 -1.87	29.62 -0.96 0.53	30.63 -0.86 0.00
S SALMON__HYD 24043	40.77 -0.47 0.00	33.41 -0.41 0.00	27.60 -0.33 0.00	28.15 -0.54 0.00	27.85 -0.54 0.00	30.39 -0.46 0.00	29.59 -0.59 0.00	31.37 -0.58 0.00	41.97 -0.62 0.00	56.47 -0.87 0.00	41.02 -0.82 0.00	36.19 -0.78 0.00	37.90 -0.69 0.00	31.89 -0.57 0.00	32.90 -0.56 0.00	30.07 -0.55 0.17	70.08 -1.07 -1.87	40.81 -0.67 -0.18	36.87 -0.78 -0.07	22.32 -0.55 -2.16	12.22 -0.29 -2.01	15.12 -0.37 -1.93	30.22 -0.89 0.00	28.69 -0.89 1.90
S.PERRY__115KV_TB1 80734	41.66 0.42 0.00	33.88 0.06 0.00	27.99 0.06 0.00	28.83 0.14 0.00	28.60 0.20 0.00	31.12 0.26 0.00	30.29 0.12 0.00	31.82 -0.13 0.00	42.58 -0.01 0.00	56.64 -0.70 0.00	40.84 -1.00 0.00	35.93 -1.04 0.00	37.73 -0.86 0.00	32.08 -0.38 0.00	32.96 -0.49 0.00	30.16 -0.62 0.00	75.39 -1.87 -7.98	44.18 -0.68 -3.57	39.40 -0.80 -2.63	30.01 -0.45 -9.75	12.69 -0.25 -2.43	15.44 -0.37 -2.26	29.02 -0.75 1.34	30.87 -0.62 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.86 -1.38 0.00	32.48 -1.34 0.00	26.84 -1.09 0.00	27.62 -1.07 0.00	27.45 -0.95 0.00	29.87 -0.98 0.00	29.05 -1.13 0.00	30.05 -1.90 0.00	40.26 -2.33 0.00	54.09 -3.25 0.00	38.66 -2.80 0.38	34.57 -2.40 0.00	33.07 -2.64 2.88	30.46 -2.00 0.00	31.53 -1.92 0.00	28.66 -2.13 0.00	66.08 -5.85 -2.64	37.67 -3.01 0.63	30.97 -2.87 3.74	16.43 -1.54 2.74	12.46 -0.74 -2.70	14.30 -0.99 -1.74	28.15 -2.10 0.87	29.62 -1.87 0.00

SAWYER___23_KV_LOAD 55526	39.86 -1.38 0.00	32.48 -1.34 0.00	26.84 -1.09 0.00	27.62 -1.07 0.00	27.45 -0.95 0.00	29.87 -0.98 0.00	29.05 -1.13 0.00	30.05 -1.90 0.00	40.26 -2.33 0.00	54.09 -3.25 0.00	38.66 -2.80 0.38	34.57 -2.40 0.00	33.07 -2.64 2.88	30.46 -2.00 0.00	31.53 -1.92 0.00	28.66 -2.13 0.00	66.08 -5.85 -2.64	37.67 -3.01 0.63	30.97 -2.87 3.74	16.43 -1.54 2.74	12.46 -0.74 -2.70	14.30 -0.99 -1.74	28.15 -2.10 0.87	29.62 -1.87 0.00
SELKIRK___I 23801	42.05 0.81 0.00	34.55 0.73 0.00	28.59 0.66 0.00	29.41 0.73 0.00	29.13 0.74 0.00	31.61 0.75 0.00	30.90 0.72 0.00	32.81 0.85 0.00	43.62 1.03 0.00	58.79 1.45 0.00	42.86 1.02 0.00	37.79 0.83 0.00	39.48 0.89 0.00	33.17 0.71 0.00	34.13 0.68 0.00	31.61 0.83 0.00	98.24 1.87 -27.10	44.85 0.98 -2.57	39.63 0.98 -1.07	53.37 0.58 -32.08	40.12 0.29 -29.32	42.09 0.37 -28.16	31.94 0.82 0.00	32.28 0.79 0.00
SELKIRK___II 23799	41.87 0.64 0.00	34.42 0.60 0.00	28.47 0.54 0.00	29.29 0.61 0.00	29.02 0.62 0.00	31.48 0.62 0.00	30.78 0.60 0.00	32.68 0.73 0.00	43.46 0.88 0.00	58.58 1.24 0.00	42.78 0.94 0.00	37.80 0.82 0.00	39.46 0.87 0.00	33.21 0.75 0.00	34.17 0.71 0.00	31.55 0.77 0.00	98.28 1.70 -27.30	44.82 0.93 -2.59	39.56 0.91 -1.07	53.55 0.53 -32.31	40.30 0.26 -29.53	42.25 0.34 -28.36	31.87 0.75 -0.01	32.19 0.70 0.00
SENECA OSWGO___HYD 24041	40.54 -0.69 0.00	33.17 -0.65 0.00	27.42 -0.51 0.00	28.18 -0.51 0.00	27.93 -0.47 0.00	30.36 -0.49 0.00	29.67 -0.51 0.00	31.41 -0.55 0.00	41.92 -0.67 0.00	56.34 -1.00 0.00	41.01 -0.82 0.00	36.28 -0.69 0.00	37.90 -0.69 0.00	31.89 -0.57 0.00	32.91 -0.54 0.00	30.23 -0.50 0.05	70.21 -1.15 -2.08	40.89 -0.61 -0.20	37.04 -0.62 -0.08	22.78 -0.35 -2.43	12.55 -0.18 -2.23	15.46 -0.24 -2.14	30.60 -0.51 0.00	30.46 -0.46 0.58
SENECA___115KV_TB3 355854	40.53 -0.71 0.00	32.98 -0.84 0.00	27.26 -0.67 0.00	28.08 -0.61 0.00	27.91 -0.49 0.00	30.35 -0.50 0.00	29.50 -0.68 0.00	30.59 -1.37 0.00	40.98 -1.61 0.00	54.97 -2.38 0.00	39.67 -2.17 0.00	35.15 -1.82 0.00	36.50 -2.09 0.00	30.94 -1.52 0.00	32.00 -1.46 0.00	29.08 -1.70 0.00	67.09 -4.93 -2.74	38.20 -2.43 0.67	31.24 -2.38 3.96	16.43 -1.28 2.99	12.63 -0.64 -2.76	14.46 -0.85 -1.76	28.44 -1.75 0.93	29.96 -1.53 0.00
SENECA___ENERGY 23797	41.05 -0.19 0.00	33.48 -0.34 0.00	27.65 -0.28 0.00	28.44 -0.25 0.00	28.19 -0.21 0.00	30.70 -0.15 0.00	29.98 -0.19 0.00	31.73 -0.22 0.00	42.30 -0.29 0.00	56.67 -0.67 0.00	41.35 -0.49 0.00	36.43 -0.54 0.00	38.16 -0.42 0.00	32.17 -0.28 0.00	33.23 -0.22 0.00	30.51 -0.28 0.00	71.82 -0.91 -3.45	41.50 -0.32 -0.52	37.13 -0.47 -0.02	24.05 -0.27 -3.62	13.51 -0.14 -3.14	16.29 -0.20 -2.94	30.47 -0.44 0.20	31.08 -0.41 0.00
SHOEMAKER___GT 23640	43.04 1.80 0.00	35.32 1.50 0.00	29.10 1.17 0.00	29.91 1.22 0.00	29.70 1.30 0.00	32.28 1.43 0.00	31.64 1.46 0.00	33.61 1.65 0.00	44.73 2.14 0.00	60.09 2.74 0.00	44.00 2.16 0.00	38.94 1.98 0.00	40.69 2.10 0.00	34.23 1.77 0.00	35.25 1.79 0.00	32.47 1.69 0.00	96.27 4.00 -23.00	45.98 2.49 -2.18	40.74 2.26 -0.91	49.28 1.23 -27.34	36.09 0.59 -24.99	38.31 0.75 -24.00	32.81 1.69 0.00	33.12 1.63 0.00
SHOEMAKR_138KV_BK 111 55601	43.02 1.79 0.00	35.30 1.48 0.00	29.09 1.16 0.00	29.90 1.21 0.00	29.69 1.29 0.00	32.28 1.42 0.00	31.63 1.45 0.00	33.60 1.64 0.00	44.71 2.13 0.00	60.07 2.73 0.00	43.98 2.14 0.00	38.94 1.97 0.00	40.70 2.11 0.00	34.23 1.77 0.00	35.25 1.80 0.00	32.47 1.69 0.00	96.15 3.99 -22.88	45.95 2.48 -2.17	40.72 2.23 -0.90	49.13 1.21 -27.21	35.96 0.59 -24.87	38.18 0.75 -23.88	32.80 1.68 0.00	33.09 1.60 0.00
SHOREHAM_IC_1 23715	43.90 2.67 0.00	36.02 2.20 0.00	29.47 1.53 0.00	30.53 1.85 0.00	30.13 1.74 0.00	32.76 1.90 0.00	32.32 2.14 0.00	34.29 2.34 0.00	45.29 2.70 0.00	61.07 3.73 0.00	44.89 3.05 0.00	44.11 2.97 -4.16	47.61 3.07 -5.94	34.92 2.46 0.00	35.96 2.51 0.00	32.88 2.09 0.00	101.68 5.20 -27.20	55.17 3.34 -10.52	41.51 2.97 -0.96	51.16 1.63 -28.82	37.66 0.81 -26.34	39.91 1.05 -25.30	33.82 2.70 0.00	33.91 2.42 0.00
SHOREHAM_IC_2 23716	43.90 2.67 0.00	36.02 2.20 0.00	29.47 1.53 0.00	30.53 1.85 0.00	30.13 1.74 0.00	32.76 1.90 0.00	32.32 2.14 0.00	34.29 2.34 0.00	45.29 2.70 0.00	61.07 3.73 0.00	44.89 3.05 0.00	44.11 2.97 -4.16	47.61 3.07 -5.94	34.92 2.46 0.00	35.96 2.51 0.00	32.88 2.09 0.00	101.68 5.20 -27.20	55.17 3.34 -10.52	41.51 2.97 -0.96	51.16 1.63 -28.82	37.66 0.81 -26.34	39.91 1.05 -25.30	33.82 2.70 0.00	33.91 2.42 0.00
SISSONVILLE___ 23735	41.89 0.65 0.00	34.50 0.68 0.00	28.18 0.25 0.00	27.93 -0.75 0.00	27.25 -1.15 0.00	29.78 -1.07 0.00	29.39 -0.79 0.00	30.57 -1.39 0.00	40.88 -1.71 0.00	55.93 -1.41 0.00	40.52 -1.32 0.00	35.54 -1.43 0.00	36.74 -1.85 0.00	30.65 -1.81 0.00	31.70 -1.75 0.00	26.83 -2.30 1.66	65.62 -4.31 -0.66	38.18 -3.19 -0.06	35.03 -2.57 -0.03	19.63 -1.49 -0.42	10.62 -0.59 -0.70	13.41 -0.81 -0.68	29.06 -2.05 0.00	10.86 -2.18 18.45
SITHE_IND_GS1 24169	40.12 -1.12 0.00	32.86 -0.95 0.00	27.17 -0.76 0.00	27.90 -0.78 0.00	27.64 -0.76 0.00	30.03 -0.82 0.00	29.37 -0.81 0.00	31.05 -0.90 0.00	41.41 -1.17 0.00	55.72 -1.62 0.00	40.61 -1.22 0.00	35.89 -1.08 0.00	37.47 -1.12 0.00	31.56 -0.90 0.00	32.55 -0.91 0.00	29.93 -0.85 0.00	68.87 -1.99 -1.58	40.31 -1.15 -0.15	36.57 -1.08 -0.06	21.96 -0.60 -1.85	11.90 -0.29 -1.69	14.80 -0.37 -1.62	30.32 -0.80 0.00	30.74 -0.75 0.00
SITHE_IND_GS2 24170	40.12 -1.12 0.00	32.86 -0.95 0.00	27.17 -0.76 0.00	27.90 -0.78 0.00	27.64 -0.76 0.00	30.03 -0.82 0.00	29.37 -0.81 0.00	31.05 -0.90 0.00	41.41 -1.17 0.00	55.72 -1.62 0.00	40.61 -1.22 0.00	35.89 -1.08 0.00	37.47 -1.12 0.00	31.56 -0.90 0.00	32.55 -0.91 0.00	29.93 -0.85 0.00	68.87 -1.99 -1.58	40.31 -1.15 -0.15	36.57 -1.08 -0.06	21.96 -0.60 -1.85	11.90 -0.29 -1.69	14.80 -0.37 -1.62	30.32 -0.80 0.00	30.74 -0.75 0.00
SITHE_IND_GS3 24171	40.12 -1.12 0.00	32.86 -0.95 0.00	27.17 -0.76 0.00	27.90 -0.78 0.00	27.64 -0.76 0.00	30.03 -0.82 0.00	29.37 -0.81 0.00	31.05 -0.90 0.00	41.41 -1.17 0.00	55.72 -1.62 0.00	40.61 -1.22 0.00	35.89 -1.08 0.00	37.47 -1.12 0.00	31.56 -0.90 0.00	32.55 -0.91 0.00	29.93 -0.85 0.00	68.87 -1.99 -1.58	40.31 -1.15 -0.15	36.57 -1.08 -0.06	21.96 -0.60 -1.85	11.90 -0.29 -1.69	14.80 -0.37 -1.62	30.32 -0.80 0.00	30.74 -0.75 0.00
SITHE_IND_GS4 24172	40.12 -1.12 0.00	32.86 -0.95 0.00	27.17 -0.76 0.00	27.90 -0.78 0.00	27.64 -0.76 0.00	30.03 -0.82 0.00	29.37 -0.81 0.00	31.05 -0.90 0.00	41.41 -1.17 0.00	55.72 -1.62 0.00	40.61 -1.22 0.00	35.89 -1.08 0.00	37.47 -1.12 0.00	31.56 -0.90 0.00	32.55 -0.91 0.00	29.93 -0.85 0.00	68.87 -1.99 -1.58	40.31 -1.15 -0.15	36.57 -1.08 -0.06	21.96 -0.60 -1.85	11.90 -0.29 -1.69	14.80 -0.37 -1.62	30.32 -0.80 0.00	30.74 -0.75 0.00

SITHE___BATAVIA 24024	40.83 -0.41 0.00	33.24 -0.55 0.02	27.46 -0.47 0.01	28.24 -0.44 0.00	28.09 -0.30 0.00	30.58 -0.27 0.00	29.82 -0.35 0.00	30.99 -0.96 0.00	41.48 -1.11 0.00	55.81 -1.53 0.00	40.33 -1.51 0.00	35.61 -1.36 0.00	37.11 -1.48 0.00	31.44 -1.02 0.00	32.57 -0.88 0.00	29.68 -1.11 0.00	68.86 -3.19 -2.77	39.66 -1.43 0.21	33.63 -1.44 2.51	19.06 -0.73 0.91	12.66 -0.37 -2.53	14.85 -0.52 -1.82	29.29 -1.13 0.70	30.55 -0.94 0.00
SITHE___INDEPEND 23800	40.12 -1.12 0.00	32.86 -0.96 0.00	27.17 -0.76 0.00	27.90 -0.78 0.00	27.64 -0.76 0.00	30.04 -0.82 0.00	29.37 -0.81 0.00	31.05 -0.90 0.00	41.41 -1.17 0.00	55.71 -1.63 0.00	40.62 -1.22 0.00	35.89 -1.08 0.00	37.47 -1.12 0.00	31.56 -0.90 0.00	32.54 -0.91 0.00	29.93 -0.85 0.00	68.87 -1.98 -1.58	40.30 -1.15 -0.15	36.57 -1.08 -0.06	21.96 -0.59 -1.85	11.90 -0.29 -1.69	14.80 -0.37 -1.62	30.32 -0.80 0.00	30.74 -0.75 0.00
SITHE___MASSENA 23902	41.78 0.54 0.00	34.42 0.60 0.00	28.12 0.19 0.00	27.93 -0.76 0.00	27.17 -1.23 0.00	29.61 -1.24 0.00	29.28 -0.90 0.00	30.45 -1.51 0.00	40.69 -1.90 0.00	55.66 -1.68 0.00	40.35 -1.49 0.00	35.42 -1.55 0.00	36.59 -2.00 0.00	30.50 -1.96 0.00	31.52 -1.93 0.00	26.31 -2.49 1.99	65.04 -4.75 -0.52	37.90 -3.46 -0.05	34.83 -2.76 -0.02	19.34 -1.55 -0.18	10.48 -0.58 -0.55	13.27 -0.82 -0.53	29.13 -1.98 0.00	7.21 -2.09 22.19
SITHE___OGDNSBRG 24021	42.42 1.19 0.00	34.92 1.10 0.00	28.51 0.58 0.00	28.28 -0.40 0.00	27.58 -0.82 0.00	30.11 -0.75 0.00	29.78 -0.40 0.00	30.98 -0.98 0.00	41.43 -1.15 0.00	56.73 -0.61 0.00	41.00 -0.85 0.00	35.88 -1.09 0.00	37.05 -1.54 0.00	30.96 -1.50 0.00	32.09 -1.36 0.00	27.03 -1.97 1.79	66.36 -3.51 -0.60	38.61 -2.75 -0.06	35.49 -2.11 -0.02	19.82 -1.21 -0.33	10.74 -0.42 -0.65	13.56 -0.61 -0.62	29.54 -1.58 0.00	9.89 -1.71 19.90
SITHE___STERLING 23777	42.17 0.94 0.00	34.56 0.74 0.00	28.59 0.66 0.00	29.32 0.63 0.00	29.04 0.65 0.00	31.62 0.77 0.00	30.90 0.72 0.00	32.74 0.78 0.00	43.77 1.19 0.00	58.87 1.53 0.00	42.87 1.03 0.00	37.79 0.82 0.00	39.41 0.82 0.00	33.24 0.78 0.00	34.31 0.86 0.00	31.48 0.78 0.07	72.67 1.88 -1.52	42.43 0.99 -0.14	38.45 0.81 -0.06	22.86 0.37 -1.78	12.30 0.16 -1.64	15.33 0.20 -1.57	31.51 0.39 0.00	31.02 0.36 0.84
SLEIGHT__34_KV_TB1 80719	40.56 -0.68 0.00	33.12 -0.71 0.00	27.32 -0.61 0.00	28.08 -0.61 0.00	27.85 -0.54 0.00	30.35 -0.50 0.00	29.65 -0.52 0.00	31.20 -0.76 0.00	41.67 -0.92 0.00	56.06 -1.28 0.00	40.76 -1.08 0.00	36.05 -0.92 0.00	37.64 -0.94 0.00	31.76 -0.70 0.00	32.83 -0.63 0.00	30.08 -0.70 0.00	70.35 -1.86 -2.93	40.69 -0.89 -0.28	36.03 -0.96 0.60	22.30 -0.55 -2.14	12.93 -0.26 -2.68	15.56 -0.37 -2.38	30.01 -0.80 0.29	30.74 -0.75 0.00
SOUTH CAIRO___GT 23612	43.33 2.10 0.00	35.59 1.77 0.00	29.47 1.54 0.00	30.33 1.64 0.00	30.05 1.65 0.00	32.60 1.75 0.00	31.91 1.73 0.00	34.00 2.04 0.00	45.22 2.64 0.00	61.20 3.86 0.00	44.50 2.66 0.00	38.87 1.90 0.00	40.26 1.67 0.00	34.08 1.62 0.00	34.86 1.40 0.00	32.53 1.75 0.00	99.64 3.90 -26.47	45.54 1.73 -2.51	40.70 2.08 -1.04	53.44 1.36 -31.37	39.85 0.67 -28.67	41.94 0.84 -27.54	32.93 1.81 0.00	33.18 1.69 0.00
SOUTH HAMPTN___IC 23720	44.60 3.36 0.00	36.51 2.69 0.00	29.76 1.84 0.00	30.95 2.26 0.00	30.45 2.05 0.00	33.06 2.21 0.00	32.51 2.33 0.00	34.36 2.40 0.00	45.36 2.77 0.00	61.19 3.84 0.00	44.99 3.15 0.00	44.21 3.09 -4.16	47.71 3.18 -5.93	34.97 2.51 0.00	36.02 2.57 0.00	32.91 2.13 0.00	101.89 5.42 -27.19	55.30 3.49 -10.51	41.64 3.10 -0.96	51.21 1.68 -28.82	37.69 0.84 -26.34	39.93 1.07 -25.30	33.81 2.69 0.00	33.88 2.39 0.00
SOUTHDOW_115KV_TB1 355954	42.14 0.91 0.00	34.17 0.35 0.00	28.29 0.36 0.00	29.15 0.46 0.00	28.99 0.59 0.00	31.54 0.69 0.00	31.13 0.95 0.00	32.49 0.54 0.00	43.70 1.11 0.00	58.50 1.16 0.00	50.66 0.49 -8.33	37.33 0.36 0.00	101.13 -0.06 -62.60	31.97 -0.49 0.00	33.02 -0.44 0.00	30.03 -0.76 0.00	70.00 -2.80 -3.52	39.97 -1.12 0.22	32.85 -1.21 3.53	18.11 -0.75 1.85	12.95 -0.41 -2.85	14.91 -0.51 -1.86	29.12 -0.93 1.07	30.81 -0.68 0.00
SOUTHOLD_69_KV_BK 2 55809	45.11 3.88 0.00	36.81 2.99 0.00	29.91 1.98 0.00	31.21 2.52 0.00	30.60 2.20 0.00	33.16 2.31 0.00	32.50 2.32 0.00	34.19 2.24 0.00	45.04 2.45 0.00	60.81 3.47 0.00	44.74 2.90 0.00	44.00 2.87 -4.16	47.47 2.95 -5.93	34.72 2.26 0.00	35.78 2.32 0.00	32.69 1.90 0.00	101.60 5.13 -27.19	55.25 3.44 -10.51	41.43 2.89 -0.96	51.07 1.54 -28.82	37.62 0.77 -26.34	39.83 0.97 -25.30	33.55 2.44 0.00	33.59 2.10 0.00
SOUTHOLD___IC 23719	45.11 3.88 0.00	36.81 3.00 0.00	29.91 1.98 0.00	31.21 2.53 0.00	30.59 2.20 0.00	33.16 2.31 0.00	32.51 2.33 0.00	34.19 2.23 0.00	45.04 2.45 0.00	60.81 3.47 0.00	44.74 2.90 0.00	44.00 2.88 -4.16	47.47 2.95 -5.93	34.73 2.27 0.00	35.77 2.32 0.00	32.68 1.90 0.00	101.46 4.99 -27.19	55.07 3.26 -10.51	41.43 2.89 -0.96	51.08 1.55 -28.82	37.62 0.77 -26.34	39.83 0.97 -25.30	33.55 2.44 0.00	33.60 2.10 0.00
SOUTH_FORK_WT_PWR 323839	45.24 4.01 0.00	36.84 3.02 0.00	29.83 1.90 0.00	31.23 2.55 0.00	30.51 2.11 0.00	33.01 2.16 0.00	32.27 2.10 0.00	33.77 1.82 0.00	44.38 1.79 0.00	59.93 2.60 0.00	44.14 2.30 0.00	43.43 2.30 -4.16	46.88 2.35 -5.93	34.21 1.75 0.00	35.25 1.79 0.00	32.21 1.43 0.00	100.40 3.93 -27.19	54.46 2.64 -10.51	40.87 2.33 -0.96	50.78 1.25 -28.82	37.46 0.61 -26.34	39.62 0.77 -25.30	33.08 1.97 0.00	33.09 1.61 0.00
SPIERFLS_115KV_TB 1 80737	43.46 2.22 0.00	35.89 2.07 0.00	29.56 1.62 0.00	30.44 1.75 0.00	30.17 1.77 0.00	32.76 1.91 0.00	32.13 1.95 0.00	34.25 2.30 0.00	45.72 3.14 0.00	61.64 4.30 0.00	44.96 3.12 0.00	39.32 2.35 0.00	40.75 2.16 0.00	33.63 1.18 0.00	34.64 1.19 0.00	31.93 1.15 0.00	100.22 2.78 -28.17	45.47 1.50 -2.67	40.20 1.52 -1.11	54.87 0.85 -33.31	41.39 0.44 -30.44	43.37 0.57 -29.24	32.38 1.27 -0.01	32.65 1.16 0.00
ST LAWRENCE____ 23600	41.27 0.04 0.00	34.02 0.20 0.00	27.80 -0.13 0.00	27.63 -1.05 0.00	26.86 -1.54 0.00	29.27 -1.58 0.00	28.94 -1.24 0.00	30.09 -1.87 0.00	40.19 -2.40 0.00	54.97 -2.37 0.00	39.87 -1.97 0.00	35.02 -1.96 0.00	36.17 -2.42 0.00	30.12 -2.33 0.00	31.13 -2.33 0.00	25.88 -2.82 2.09	64.15 -5.60 -0.48	37.40 -3.95 -0.05	34.38 -3.22 -0.02	19.03 -1.79 -0.11	10.32 -0.70 -0.51	13.08 -0.97 -0.49	28.81 -2.30 0.00	5.97 -2.42 23.10
STATE_CA_115KV_115_LB 55624	41.89 0.65 0.00	34.46 0.64 0.00	28.53 0.60 0.00	29.35 0.66 0.00	29.07 0.68 0.00	31.51 0.66 0.00	30.81 0.63 0.00	32.73 0.78 0.00	43.52 0.93 0.00	58.71 1.37 0.00	42.87 1.04 0.00	37.88 0.91 0.00	39.54 0.95 0.00	33.27 0.81 0.00	34.22 0.77 0.00	31.65 0.86 0.00	98.78 1.86 -27.65	44.96 1.03 -2.62	39.67 1.00 -1.09	54.00 0.58 -32.70	40.68 0.29 -29.89	42.63 0.37 -28.71	31.92 0.80 -0.01	32.22 0.73 0.00

STATE_ST_34_KV_LOAD 55959	41.52 0.28 0.00	33.92 0.11 0.00	27.93 0.00 0.00	28.71 0.03 0.00	28.46 0.07 0.00	31.07 0.22 0.00	30.36 0.18 0.00	32.17 0.22 0.00	42.79 0.20 0.00	57.51 0.16 0.00	41.93 0.09 0.00	37.06 0.09 0.00	38.75 0.16 0.00	32.67 0.21 0.00	33.70 0.24 0.00	30.98 0.20 0.00	72.75 0.33 -3.14	41.96 0.36 -0.30	38.46 0.09 -0.79	25.68 0.02 -4.95	14.40 0.04 -3.85	17.47 0.04 -3.88	31.51 0.12 -0.27	31.54 0.05 0.00
STATION_5_MISC_HYD 23604	40.32 -0.92 0.00	32.90 -0.91 0.01	27.17 -0.75 0.01	27.94 -0.75 0.00	27.74 -0.66 0.00	30.19 -0.66 0.00	29.46 -0.72 0.00	30.83 -1.12 0.00	41.24 -1.35 0.00	55.58 -1.76 0.00	40.32 -1.52 0.00	35.65 -1.32 0.00	37.20 -1.38 0.00	31.40 -1.06 0.00	32.49 -0.97 0.00	29.71 -1.08 0.00	69.20 -2.91 -2.83	40.01 -1.44 -0.15	34.72 -1.45 1.41	20.61 -0.79 -0.69	12.48 -0.38 -2.35	14.89 -0.53 -1.87	29.46 -1.12 0.53	30.50 -0.99 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.95 -0.29 0.00	33.40 -0.42 0.00	27.58 -0.34 0.00	28.37 -0.32 0.00	28.13 -0.27 0.00	30.64 -0.21 0.00	29.91 -0.26 0.00	31.48 -0.47 0.00	42.07 -0.51 0.00	56.56 -0.78 0.00	41.13 -0.70 0.00	36.33 -0.64 0.00	37.96 -0.63 0.00	32.03 -0.43 0.00	33.10 -0.35 0.00	30.32 -0.46 0.00	70.94 -1.35 -3.01	41.01 -0.57 -0.28	35.80 -0.65 1.13	21.59 -0.37 -1.25	12.73 -0.19 -2.41	15.25 -0.28 -1.97	30.03 -0.57 0.52	30.99 -0.50 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.17 -1.07 0.00	32.79 -1.02 0.00	27.07 -0.86 0.00	27.83 -0.86 0.00	27.62 -0.78 0.00	30.08 -0.78 0.00	29.35 -0.82 0.00	30.74 -1.22 0.00	41.11 -1.47 0.00	55.41 -1.93 0.00	40.22 -1.62 0.00	35.55 -1.42 0.00	37.11 -1.48 0.00	31.32 -1.13 0.00	32.40 -1.05 0.00	29.64 -1.15 0.00	69.23 -3.02 -2.97	40.04 -1.54 -0.28	34.93 -1.51 1.14	21.04 -0.84 -1.17	12.45 -0.41 -2.35	14.90 -0.56 -1.91	29.40 -1.20 0.52	30.40 -1.09 0.00
STA_56___34_KV_BUS2 355983	40.17 -1.07 0.00	32.79 -1.02 0.00	27.07 -0.86 0.00	27.83 -0.86 0.00	27.62 -0.78 0.00	30.08 -0.78 0.00	29.35 -0.82 0.00	30.74 -1.22 0.00	41.11 -1.47 0.00	55.41 -1.93 0.00	40.22 -1.62 0.00	35.55 -1.42 0.00	37.11 -1.48 0.00	31.32 -1.13 0.00	32.40 -1.05 0.00	29.64 -1.15 0.00	69.23 -3.02 -2.97	40.04 -1.54 -0.28	34.93 -1.51 1.14	21.04 -0.84 -1.17	12.45 -0.41 -2.35	14.90 -0.56 -1.91	29.40 -1.20 0.52	30.40 -1.09 0.00
STA_67___115KV_BK2 355882	40.24 -0.99 0.00	32.84 -0.98 0.00	27.13 -0.81 0.00	27.88 -0.81 0.00	27.69 -0.71 0.00	30.14 -0.71 0.00	29.41 -0.77 0.00	30.77 -1.19 0.00	41.15 -1.43 0.00	55.44 -1.90 0.00	40.23 -1.61 0.00	35.57 -1.40 0.00	37.11 -1.48 0.00	31.33 -1.13 0.00	32.42 -1.04 0.00	29.64 -1.14 0.00	69.03 -3.07 -2.83	39.88 -1.57 -0.15	34.64 -1.53 1.41	20.56 -0.83 -0.69	12.46 -0.40 -2.35	14.86 -0.56 -1.87	29.40 -1.18 0.53	30.43 -1.06 0.00
STA_7___115KV_9TRANS 80674	40.51 -0.73 0.00	33.04 -0.78 0.00	27.28 -0.65 0.00	28.04 -0.65 0.00	27.84 -0.55 0.00	30.32 -0.53 0.00	29.59 -0.58 0.00	30.97 -0.99 0.00	41.44 -1.15 0.00	55.84 -1.50 0.00	40.52 -1.31 0.00	35.82 -1.14 0.00	37.39 -1.20 0.00	31.58 -0.88 0.00	32.67 -0.79 0.00	29.86 -0.92 0.00	69.59 -2.52 -2.83	40.22 -1.23 -0.15	34.96 -1.22 1.41	20.73 -0.67 -0.69	12.54 -0.32 -2.35	14.95 -0.47 -1.87	29.62 -0.96 0.53	30.63 -0.86 0.00
STA_82___115KV_TB1 80780	40.25 -0.98 0.00	32.86 -0.96 0.00	27.13 -0.80 0.00	27.89 -0.80 0.00	27.69 -0.70 0.00	30.15 -0.70 0.00	29.42 -0.76 0.00	30.78 -1.18 0.00	41.17 -1.41 0.00	55.45 -1.89 0.00	40.24 -1.60 0.00	35.57 -1.40 0.00	37.11 -1.48 0.00	31.35 -1.11 0.00	32.43 -1.03 0.00	29.64 -1.14 0.00	69.23 -3.05 -3.00	40.04 -1.54 -0.28	34.88 -1.51 1.19	21.01 -0.83 -1.13	12.47 -0.40 -2.36	14.89 -0.56 -1.90	29.40 -1.17 0.54	30.43 -1.06 0.00
STEEL___WIND 323596	40.47 -0.77 0.00	32.93 -0.86 0.03	27.24 -0.68 0.01	28.07 -0.62 0.00	27.88 -0.51 0.00	30.31 -0.54 0.00	29.47 -0.71 0.00	30.53 -1.42 0.00	40.93 -1.66 0.00	54.89 -2.45 0.00	39.60 -2.24 0.00	35.11 -1.86 0.00	36.46 -2.13 0.00	30.89 -1.57 0.00	31.93 -1.52 0.00	29.01 -1.78 0.00	66.89 -5.12 -2.74	38.14 -2.49 0.67	31.14 -2.48 3.96	16.39 -1.33 2.99	12.61 -0.66 -2.76	14.43 -0.88 -1.76	28.33 -1.85 0.93	29.91 -1.58 0.00
STEPHTWN_115KV_BK_2 55603	42.19 0.96 0.00	34.63 0.81 0.00	28.66 0.74 0.00	29.47 0.79 0.00	29.19 0.80 0.00	31.75 0.90 0.00	30.99 0.81 0.00	33.03 1.08 0.00	43.87 1.28 0.00	59.23 1.89 0.00	43.20 1.36 0.00	38.16 1.19 0.00	39.81 1.22 0.00	33.52 1.07 0.00	34.46 1.01 0.00	31.91 1.13 0.00	99.30 2.61 -27.41	45.38 1.48 -2.60	40.05 1.40 -1.08	53.95 0.80 -32.44	40.53 0.38 -29.64	42.51 0.48 -28.47	32.17 1.05 -0.01	32.45 0.96 0.00
STEUBEN_REC_LFGE 323667	40.83 -0.41 0.00	33.26 -0.56 0.00	27.52 -0.41 0.00	28.37 -0.32 0.00	28.06 -0.34 0.00	30.50 -0.35 0.00	29.48 -0.69 0.00	31.08 -0.87 0.00	41.63 -0.95 0.00	54.89 -2.45 0.00	40.07 -2.17 -0.40	35.01 -1.96 0.00	40.11 -1.51 -3.03	31.35 -1.11 0.00	32.15 -1.31 0.00	29.04 -1.74 0.00	71.92 -5.14 -7.79	41.27 -2.59 -2.56	31.73 -2.75 3.10	19.66 -1.50 -0.45	10.88 -0.83 -1.20	12.23 -1.07 0.26	25.98 -2.23 2.91	29.46 -2.04 0.00
STILLWATER___SOLAR 323814	43.15 1.91 0.00	35.50 1.68 0.00	29.29 1.36 0.00	30.13 1.45 0.00	29.85 1.46 0.00	32.44 1.59 0.00	31.74 1.57 0.00	33.76 1.81 0.00	44.99 2.41 0.00	60.69 3.35 0.00	44.27 2.43 0.00	38.96 1.99 0.00	40.60 2.01 0.00	33.90 1.44 0.00	34.94 1.48 0.00	32.23 1.45 0.00	100.73 3.39 -28.06	45.89 1.92 -2.66	40.53 1.85 -1.10	54.93 1.04 -33.19	41.36 0.53 -30.33	43.35 0.67 -29.13	32.61 1.49 -0.01	32.92 1.43 0.00
STONY___BROOK 24151	44.03 2.80 0.00	36.17 2.35 0.00	29.60 1.67 0.00	30.64 1.95 0.00	30.27 1.88 0.00	32.93 2.08 0.00	32.35 2.18 0.00	34.41 2.45 0.00	45.64 3.06 0.00	61.52 4.18 0.00	45.24 3.40 0.00	44.39 3.24 -4.18	47.94 3.39 -5.96	35.21 2.75 0.00	36.33 2.87 0.00	33.20 2.41 0.00	102.24 5.74 -27.22	55.50 3.65 -10.55	41.78 3.25 -0.96	51.32 1.79 -28.82	37.75 0.90 -26.34	40.01 1.16 -25.30	33.92 2.80 0.00	34.03 2.54 0.00
STURGEON_POOL_HYD 23609	43.25 2.01 0.00	35.48 1.66 0.00	29.20 1.27 0.00	30.00 1.32 0.00	29.80 1.40 0.00	32.40 1.55 0.00	31.79 1.61 0.00	33.77 1.81 0.00	44.96 2.38 0.00	60.47 3.13 0.00	44.33 2.49 0.00	39.27 2.30 0.00	41.07 2.48 0.00	34.57 2.11 0.00	35.64 2.19 0.00	32.74 1.96 0.00	98.35 4.60 -24.48	46.60 2.97 -2.33	41.18 2.63 -0.97	51.24 1.39 -29.15	37.82 0.67 -26.64	40.00 0.87 -25.59	33.09 1.97 0.00	33.38 1.89 0.00
ST_LAW_115_BK7_LBMP 345037	41.31 0.07 0.00	34.04 0.22 0.00	27.80 -0.13 0.00	27.63 -1.06 0.00	26.85 -1.54 0.00	29.26 -1.60 0.00	28.94 -1.23 0.00	30.08 -1.87 0.00	40.19 -2.40 0.00	54.98 -2.36 0.00	39.87 -1.97 0.00	35.01 -1.96 0.00	36.16 -2.43 0.00	30.12 -2.34 0.00	31.12 -2.33 0.00	25.90 -2.82 2.06	64.15 -5.61 -0.49	37.40 -3.95 -0.05	34.38 -3.22 -0.02	19.04 -1.80 -0.13	10.33 -0.70 -0.52	13.09 -0.96 -0.50	28.80 -2.32 0.00	6.09 -2.44 22.96

ST_LAW_115_BK8_LBMP 345038	41.31 0.07 0.00	34.04 0.22 0.00	27.80 -0.13 0.00	27.63 -1.06 0.00	26.85 -1.54 0.00	29.26 -1.60 0.00	28.94 -1.23 0.00	30.08 -1.87 0.00	40.19 -2.40 0.00	54.98 -2.36 0.00	39.87 -1.97 0.00	35.01 -1.96 0.00	36.16 -2.43 0.00	30.12 -2.34 0.00	31.12 -2.33 0.00	25.90 -2.82 2.06	64.15 -5.61 -0.49	37.40 -3.95 -0.05	34.38 -3.22 -0.02	19.04 -1.80 -0.13	10.33 -0.70 -0.52	13.09 -0.96 -0.50	28.80 -2.32 0.00	6.09 -2.44 22.96
ST_LAW_230_BK5_LBMP 345035	41.27 0.04 0.00	34.02 0.20 0.00	27.80 -0.13 0.00	27.63 -1.05 0.00	26.86 -1.54 0.00	29.27 -1.58 0.00	28.94 -1.24 0.00	30.09 -1.87 0.00	40.19 -2.40 0.00	54.97 -2.37 0.00	39.87 -1.97 0.00	35.02 -1.96 0.00	36.17 -2.42 0.00	30.12 -2.33 0.00	31.13 -2.33 0.00	25.86 -2.82 2.10	64.14 -5.60 -0.47	37.40 -3.95 -0.04	34.38 -3.22 -0.02	19.02 -1.79 -0.10	10.31 -0.70 -0.50	13.07 -0.97 -0.48	28.81 -2.30 0.00	5.64 -2.42 23.43
ST_LAW_230_BK6_LBMP 345036	41.27 0.04 0.00	34.02 0.20 0.00	27.80 -0.13 0.00	27.63 -1.05 0.00	26.86 -1.54 0.00	29.27 -1.58 0.00	28.94 -1.24 0.00	30.09 -1.87 0.00	40.19 -2.40 0.00	54.97 -2.37 0.00	39.87 -1.97 0.00	35.02 -1.96 0.00	36.17 -2.42 0.00	30.12 -2.33 0.00	31.13 -2.33 0.00	25.86 -2.82 2.10	64.14 -5.60 -0.47	37.40 -3.95 -0.04	34.38 -3.22 -0.02	19.02 -1.79 -0.10	10.31 -0.70 -0.50	13.07 -0.97 -0.48	28.81 -2.30 0.00	5.64 -2.42 23.43
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.23 1.99 0.00	35.48 1.66 0.00	29.22 1.30 0.00	30.03 1.34 0.00	29.84 1.44 0.00	32.45 1.59 0.00	31.80 1.62 0.00	33.79 1.83 0.00	44.94 2.35 0.00	60.39 3.05 0.00	44.23 2.39 0.00	39.13 2.16 0.00	40.95 2.36 0.00	34.44 1.98 0.00	35.48 2.02 0.00	32.66 1.88 0.00	97.11 4.44 -23.39	46.29 2.77 -2.22	40.97 2.47 -0.92	49.84 1.34 -27.79	36.56 0.65 -25.40	38.77 0.82 -24.40	32.97 1.85 0.00	33.26 1.78 0.00
SWANROAD_115KV_TB1 355699	39.16 -2.08 0.00	31.93 -1.89 0.00	26.36 -1.57 0.00	27.12 -1.56 0.00	26.96 -1.44 0.00	29.35 -1.50 0.00	28.55 -1.62 0.00	29.44 -2.51 0.00	39.40 -3.19 0.00	52.94 -4.40 0.00	38.16 -3.67 0.00	33.67 -3.30 0.00	35.03 -3.56 0.00	29.72 -2.74 0.00	30.79 -2.66 0.00	27.98 -2.80 0.00	64.55 -7.46 -2.74	36.93 -3.92 0.45	30.76 -3.58 3.24	16.89 -1.85 1.97	12.21 -0.95 -2.65	14.13 -1.22 -1.79	27.63 -2.68 0.81	29.01 -2.48 0.00
SYNERGY___BIOGAS 323694	40.83 -0.41 0.00	33.24 -0.55 0.02	27.46 -0.47 0.01	28.24 -0.44 0.00	28.09 -0.30 0.00	30.58 -0.27 0.00	29.82 -0.35 0.00	30.99 -0.96 0.00	41.48 -1.11 0.00	55.81 -1.53 0.00	40.33 -1.51 0.00	35.61 -1.36 0.00	37.11 -1.48 0.00	31.44 -1.02 0.00	32.57 -0.88 0.00	29.68 -1.11 0.00	68.86 -3.19 -2.77	39.66 -1.43 0.21	33.63 -1.44 2.51	19.06 -0.73 0.91	12.66 -0.37 -2.53	14.85 -0.52 -1.82	29.29 -1.13 0.70	30.55 -0.94 0.00
SYRACUSE___ENERGY_ST1 323597	41.15 -0.09 0.00	33.65 -0.17 0.00	27.79 -0.14 0.00	28.57 -0.12 0.00	28.32 -0.08 0.00	30.81 -0.04 0.00	30.11 -0.06 0.00	31.89 -0.07 0.00	42.54 -0.05 0.00	57.14 -0.20 0.00	41.66 -0.18 0.00	36.82 -0.15 0.00	38.46 -0.13 0.00	32.43 -0.03 0.00	33.43 -0.02 0.00	30.71 -0.04 0.04	71.76 -0.10 -2.58	41.55 0.01 -0.24	37.59 -0.10 -0.10	23.67 -0.06 -3.03	13.25 -0.03 -2.77	16.16 -0.05 -2.66	31.03 -0.08 0.00	31.04 -0.05 0.40
SYRACUSE___ENERGY_ST2 323598	41.15 -0.09 0.00	33.65 -0.17 0.00	27.79 -0.14 0.00	28.57 -0.12 0.00	28.32 -0.08 0.00	30.81 -0.04 0.00	30.11 -0.06 0.00	31.89 -0.07 0.00	42.54 -0.05 0.00	57.14 -0.20 0.00	41.66 -0.18 0.00	36.82 -0.15 0.00	38.46 -0.13 0.00	32.43 -0.03 0.00	33.43 -0.02 0.00	30.71 -0.04 0.04	71.76 -0.10 -2.58	41.55 0.01 -0.24	37.59 -0.10 -0.10	23.67 -0.06 -3.03	13.25 -0.03 -2.77	16.16 -0.05 -2.66	31.03 -0.08 0.00	31.04 -0.05 0.40
SYRACUSE___POWER 24017	41.12 -0.11 0.00	33.62 -0.20 0.00	27.78 -0.15 0.00	28.57 -0.12 0.00	28.31 -0.08 0.00	30.79 -0.06 0.00	30.09 -0.09 0.00	31.86 -0.09 0.00	42.55 -0.04 0.00	57.14 -0.20 0.00	41.66 -0.18 0.00	36.82 -0.15 0.00	38.45 -0.15 0.00	32.41 -0.04 0.00	33.43 -0.02 0.00	30.70 -0.04 0.04	71.85 -0.11 -2.68	41.54 -0.01 -0.25	38.07 -0.09 -0.58	24.67 -0.06 -4.02	13.67 -0.04 -3.20	16.70 -0.05 -3.20	31.21 -0.10 -0.20	31.03 -0.05 0.41
TALLMAN___138KV_BK151 55660	43.35 2.11 0.00	35.58 1.77 0.00	29.31 1.38 0.00	30.10 1.41 0.00	29.93 1.53 0.00	32.55 1.70 0.00	31.91 1.74 0.00	33.90 1.95 0.00	45.07 2.49 0.00	60.56 3.22 0.00	44.35 2.51 0.00	39.24 2.27 0.00	41.09 2.50 0.00	34.58 2.13 0.00	35.61 2.15 0.00	32.77 1.99 0.00	97.78 4.72 -23.79	46.50 2.94 -2.26	41.13 2.61 -0.94	50.37 1.42 -28.25	37.00 0.68 -25.81	39.21 0.87 -24.79	33.06 1.95 0.00	33.36 1.87 0.00
TEALLAVE_115KV_TB7 355573	40.88 -0.36 0.00	33.44 -0.38 0.00	27.64 -0.29 0.00	28.41 -0.27 0.00	28.17 -0.23 0.00	30.63 -0.22 0.00	29.93 -0.24 0.00	31.68 -0.27 0.00	42.29 -0.30 0.00	56.83 -0.51 0.00	41.42 -0.42 0.00	36.60 -0.37 0.00	38.23 -0.36 0.00	32.23 -0.23 0.00	33.24 -0.22 0.00	30.51 -0.23 0.04	71.00 -0.53 -2.26	41.26 -0.26 -0.21	37.35 -0.32 -0.09	23.17 -0.18 -2.65	12.84 -0.10 -2.43	15.76 -0.13 -2.33	30.85 -0.27 0.00	30.82 -0.21 0.46
TELGRAPH_34_KV_EAST 80808	40.07 -1.16 0.00	32.67 -1.15 0.00	26.97 -0.96 0.00	27.74 -0.94 0.00	27.59 -0.81 0.00	30.04 -0.81 0.00	29.25 -0.93 0.00	30.28 -1.68 0.00	40.54 -2.05 0.00	54.49 -2.85 0.00	39.34 -2.49 0.00	34.76 -2.21 0.00	36.19 -2.40 0.00	30.68 -1.77 0.00	31.77 -1.68 0.00	28.91 -1.88 0.00	66.87 -5.15 -2.74	38.37 -2.61 0.32	32.29 -2.45 2.85	18.03 -1.27 1.41	12.44 -0.64 -2.57	14.50 -0.86 -1.80	28.52 -1.84 0.75	29.83 -1.66 0.00
TEMPLE___115KV_TB 2 55572	40.91 -0.33 0.00	33.46 -0.36 0.00	27.65 -0.28 0.00	28.43 -0.26 0.00	28.18 -0.22 0.00	30.64 -0.21 0.00	29.94 -0.23 0.00	31.70 -0.26 0.00	42.31 -0.28 0.00	56.85 -0.49 0.00	41.44 -0.40 0.00	36.62 -0.34 0.00	38.26 -0.33 0.00	32.25 -0.21 0.00	33.26 -0.20 0.00	30.54 -0.20 0.04	71.05 -0.52 -2.29	41.27 -0.25 -0.22	37.38 -0.29 -0.09	23.22 -0.17 -2.69	12.87 -0.10 -2.46	15.80 -0.12 -2.36	30.87 -0.24 0.00	30.84 -0.20 0.45
TIANA____69_KV_BK 1 55817	44.43 3.20 0.00	36.40 2.58 0.00	29.71 1.79 0.00	30.85 2.16 0.00	30.39 2.00 0.00	33.02 2.17 0.00	32.49 2.31 0.00	34.40 2.44 0.00	45.44 2.85 0.00	61.29 3.95 0.00	45.07 3.23 0.00	44.28 3.15 -4.16	47.77 3.25 -5.93	35.04 2.58 0.00	36.08 2.63 0.00	32.97 2.19 0.00	102.13 5.66 -27.19	55.49 3.68 -10.51	41.70 3.16 -0.96	51.25 1.72 -28.82	37.71 0.86 -26.34	39.96 1.10 -25.30	33.88 2.76 0.00	33.96 2.47 0.00
TILDEN___115KV_TB1 80814	41.12 -0.11 0.00	33.62 -0.20 0.00	27.78 -0.15 0.00	28.57 -0.12 0.00	28.31 -0.08 0.00	30.79 -0.06 0.00	30.09 -0.09 0.00	31.86 -0.09 0.00	42.55 -0.04 0.00	57.14 -0.20 0.00	41.66 -0.18 0.00	36.82 -0.15 0.00	38.45 -0.15 0.00	32.41 -0.04 0.00	33.43 -0.02 0.00	30.70 -0.04 0.04	71.85 -2.68 -0.25	41.54 -0.01 -0.58	38.07 -0.09 -0.58	24.67 -0.06 -4.02	13.67 -0.04 -3.20	16.70 -0.05 -3.20	31.21 -0.10 -0.20	31.03 -0.05 0.41

TRIGEN___CC 323695	43.71 2.47 0.00	35.90 2.08 0.00	29.46 1.54 0.00	30.39 1.71 0.00	30.11 1.71 0.00	32.73 1.88 0.00	32.09 1.92 0.00	34.12 2.17 0.00	45.36 2.77 0.00	61.07 3.73 0.00	44.86 3.02 0.00	47.06 2.78 -7.32	52.01 2.98 -10.44	34.94 2.47 0.00	36.04 2.59 0.00	33.02 2.24 0.00	107.16 5.18 -32.71	61.29 3.25 -16.74	41.46 2.92 -0.96	51.15 1.62 -28.82	37.66 0.81 -26.34	39.90 1.04 -25.30	33.52 2.41 0.00	33.73 2.24 0.00
TRINITY___115KV___4 BK 55933	41.74 0.50 0.00	34.35 0.52 0.00	28.43 0.50 0.00	29.25 0.57 0.00	28.98 0.59 0.00	31.41 0.56 0.00	30.72 0.54 0.00	32.63 0.67 0.00	43.36 0.78 0.00	58.48 1.14 0.00	42.72 0.88 0.00	37.74 0.77 0.00	39.41 0.82 0.00	33.15 0.69 0.00	34.11 0.65 0.00	31.52 0.73 0.00	98.32 1.58 -27.46	44.76 0.86 -2.61	39.50 0.84 -1.08	53.69 0.49 -32.49	40.44 0.25 -29.69	42.38 0.31 -28.52	31.81 0.69 -0.01	32.12 0.63 0.00
UNION___PROCESSING_DRP 323587	40.26 -0.97 0.00	32.87 -0.95 0.00	27.14 -0.79 0.00	27.89 -0.80 0.00	27.70 -0.70 0.00	30.16 -0.69 0.00	29.43 -0.75 0.00	30.79 -1.17 0.00	41.19 -1.40 0.00	55.47 -1.87 0.00	40.25 -1.59 0.00	35.58 -1.40 0.00	37.12 -1.47 0.00	31.36 -1.10 0.00	32.43 -1.02 0.00	29.65 -1.13 0.00	69.24 -3.05 -3.01	40.05 -1.54 -0.28	34.89 -1.50 1.19	21.01 -0.82 -1.13	12.47 -0.40 -2.36	14.90 -0.56 -1.91	29.40 -1.17 0.54	30.44 -1.05 0.00
UPPER HUDSON___HYD 24058	43.45 2.22 0.00	35.89 2.07 0.00	29.56 1.62 0.00	30.44 1.75 0.00	30.17 1.77 0.00	32.76 1.91 0.00	32.13 1.95 0.00	34.25 2.30 0.00	45.72 3.14 0.00	61.64 4.30 0.00	44.96 3.12 0.00	39.32 2.35 0.00	40.75 2.16 0.00	33.64 1.18 0.00	34.64 1.19 0.00	31.93 1.15 0.00	100.22 2.78 -28.17	45.47 1.49 -2.67	40.20 1.52 -1.11	54.87 0.85 -33.31	41.39 0.44 -30.44	43.37 0.57 -29.24	32.39 1.27 -0.01	32.65 1.16 0.00
UPPER RAQUET___HYD 24056	41.89 0.66 0.00	34.50 0.68 0.00	28.18 0.25 0.00	27.93 -0.75 0.00	27.25 -1.15 0.00	29.78 -1.07 0.00	29.39 -0.79 0.00	30.57 -1.39 0.00	40.88 -1.71 0.00	55.93 -1.41 0.00	40.52 -1.32 0.00	35.54 -1.43 0.00	36.74 -1.85 0.00	30.65 -1.81 0.00	31.70 -1.75 0.00	26.83 -2.30 1.66	65.63 -4.30 -0.66	38.21 -3.16 -0.06	35.05 -2.56 -0.03	19.64 -1.49 -0.42	10.62 -0.59 -0.70	13.41 -0.81 -0.68	29.09 -2.03 0.00	10.86 -2.18 18.45
VALLEY44_115KV_TB2 355964	41.43 0.19 0.00	33.45 -0.37 0.00	27.73 -0.20 0.00	28.59 -0.09 0.00	28.64 0.24 0.00	30.99 0.13 0.00	29.99 -0.19 0.00	31.47 -0.49 0.00	42.42 -0.16 0.00	57.40 0.05 -1.88	43.67 -0.05 0.00	36.90 -0.07 0.00	52.33 -0.35 -14.10	32.43 -0.03 0.00	33.52 0.06 0.00	30.46 -0.33 0.00	70.92 -2.19 -3.83	40.42 -0.82 0.06	33.25 -1.02 3.31	18.88 -0.54 1.29	13.07 -0.40 -2.96	15.08 -0.46 -1.98	29.26 -0.76 1.09	30.97 -0.52 0.00
VALLEY___115KV_TB 1-4 80826	41.69 0.45 0.00	34.12 0.30 0.00	28.18 0.25 0.00	28.96 0.27 0.00	28.67 0.27 0.00	30.95 0.10 0.00	30.20 0.02 0.00	32.23 0.28 0.00	42.73 0.15 0.00	57.49 0.15 0.00	41.94 0.10 0.00	36.97 0.00 0.00	38.48 -0.11 0.00	32.14 -0.31 0.00	33.20 -0.25 0.00	30.80 0.02 0.00	69.79 0.16 -0.35	41.36 0.03 -0.03	37.84 0.24 -0.01	21.28 0.16 -0.41	10.92 0.03 -0.38	13.93 0.01 -0.36	31.05 -0.06 0.00	31.33 -0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.07 1.84 0.00	35.16 1.34 0.00	29.02 1.09 0.00	29.83 1.15 0.00	29.60 1.21 0.00	32.22 1.37 0.00	31.47 1.30 0.00	33.38 1.42 0.00	44.56 1.97 0.00	59.89 2.55 0.00	43.78 1.94 0.00	38.68 1.71 0.00	40.49 1.90 0.00	34.06 1.60 0.00	35.14 1.69 0.00	32.36 1.58 0.00	84.32 3.56 -11.49	44.64 2.26 -1.08	40.56 2.15 -0.84	35.34 1.15 -13.48	22.96 0.56 -11.89	25.79 0.70 -11.54	32.84 1.55 -0.18	32.99 1.50 0.00
VISCHER___FERRY HYD 24020	42.63 1.40 0.00	35.09 1.27 0.00	28.97 1.04 0.00	29.80 1.11 0.00	29.51 1.12 0.00	32.04 1.19 0.00	31.33 1.15 0.00	33.28 1.32 0.00	44.31 1.72 0.00	59.76 2.42 0.00	43.65 1.81 0.00	38.53 1.56 0.00	40.20 1.61 0.00	33.74 1.28 0.00	34.72 1.27 0.00	32.02 1.24 0.00	99.85 2.84 -27.73	45.49 1.55 -2.63	40.19 1.52 -1.09	54.40 0.88 -32.81	40.93 0.44 -29.98	42.92 0.57 -28.80	32.38 1.26 -0.01	32.71 1.22 0.00
V_A_10_SYNC_DSASP 323832	39.41 -1.83 0.00	32.10 -1.70 0.02	26.53 -1.39 0.01	27.30 -1.38 0.00	27.14 -1.25 0.00	29.53 -1.32 0.00	28.74 -1.43 0.00	29.87 -2.09 0.00	40.01 -2.58 0.00	53.91 -3.43 0.00	39.01 -2.82 0.00	34.50 -2.47 0.00	35.97 -2.62 0.00	30.38 -2.07 0.00	31.48 -1.98 0.00	28.67 -2.11 0.00	66.38 -5.59 -2.70	38.17 -2.94 0.20	32.38 -2.84 2.35	18.45 -1.52 0.73	12.27 -0.73 -2.49	14.39 -0.99 -1.82	28.34 -2.12 0.65	29.58 -1.91 0.00
V_CMM_10_SYNC_DSASP 323787	41.53 0.29 0.00	34.23 0.41 0.00	27.95 0.03 0.00	27.78 -0.90 0.00	27.01 -1.39 0.00	29.43 -1.43 0.00	29.11 -1.07 0.00	30.26 -1.70 0.00	40.43 -2.15 0.00	55.31 -2.03 0.00	40.11 -1.73 0.00	35.22 -1.76 0.00	36.38 -2.21 0.00	30.30 -2.16 0.00	31.32 -2.14 0.00	26.06 -2.67 2.06	64.55 -5.21 -0.49	37.64 -3.71 -0.05	34.60 -3.00 -0.02	19.16 -1.68 -0.13	10.39 -0.65 -0.52	13.16 -0.89 -0.50	28.97 -2.14 0.00	6.28 -2.25 22.96
V_CMP_10_SYNC_DSASP 323788	42.43 1.20 0.00	35.01 1.19 0.00	28.50 0.57 0.00	28.31 -0.38 0.00	27.37 -1.03 0.00	29.84 -1.01 0.00	29.59 -0.59 0.00	30.77 -1.19 0.00	41.01 -1.58 0.00	56.18 -1.16 0.00	40.96 -0.88 0.00	35.85 -1.12 0.00	36.68 -1.91 0.00	30.48 -1.98 0.00	31.51 -1.94 0.00	26.00 -2.72 2.07	64.07 -5.69 -0.49	37.07 -4.28 -0.05	34.18 -3.41 -0.02	19.01 -1.82 -0.13	10.32 -0.70 -0.52	13.10 -0.95 -0.50	28.78 -2.33 0.00	5.87 -2.59 23.03
V_D_10_SYNC_DSASP 323841	41.77 0.54 0.00	34.42 0.60 0.00	28.11 0.19 0.00	27.93 -0.76 0.00	27.17 -1.23 0.00	29.61 -1.24 0.00	29.28 -0.90 0.00	30.45 -1.51 0.00	40.69 -1.90 0.00	55.66 -1.68 0.00	40.35 -1.49 0.00	35.42 -1.55 0.00	36.59 -2.00 0.00	30.50 -1.96 0.00	31.52 -1.93 0.00	26.30 -2.49 2.00	65.00 -4.79 -0.51	37.90 -3.46 -0.05	34.83 -2.76 -0.02	19.33 -1.55 -0.18	10.48 -0.58 -0.55	13.26 -0.82 -0.53	29.13 -1.98 0.00	7.16 -2.09 22.24
V_E_10_SYNC_DSASP 323830	46.90 5.66 0.00	37.91 4.09 0.00	31.11 3.18 0.00	32.07 3.39 0.00	32.00 3.61 0.00	35.07 4.22 0.00	33.80 3.62 0.00	35.50 3.54 0.00	47.23 4.64 0.00	63.10 5.76 0.00	46.25 4.41 0.00	40.73 3.76 0.00	41.92 3.33 0.00	35.04 2.58 0.00	36.29 2.83 0.00	33.89 3.10 0.00	87.44 6.71 -11.45	46.29 3.93 -1.06	43.87 2.40 -3.89	37.46 1.12 -15.64	21.39 0.47 -10.42	25.09 0.57 -10.96	33.69 1.22 -1.36	32.71 1.22 0.00
V_F_30_NSYNC___DSASP 323816	43.18 1.94 0.00	35.52 1.70 0.00	29.30 1.37 0.00	30.15 1.47 0.00	29.87 1.47 0.00	32.47 1.61 0.00	31.76 1.58 0.00	33.79 1.83 0.00	45.02 2.43 0.00	60.74 3.40 0.00	44.29 2.45 0.00	38.99 2.03 0.00	40.63 2.03 0.00	33.93 1.47 0.00	34.98 1.52 0.00	32.26 1.48 0.00	100.83 3.45 -28.11	45.93 1.96 -2.67	40.57 1.88 -1.10	55.01 1.06 -33.24	41.42 0.53 -30.38	43.41 0.68 -29.18	32.64 1.52 -0.01	32.94 1.45 0.00



V_F_30_SYNC_DSASP 323786	41.89 0.65 0.00	34.46 0.64 0.00	28.53 0.60 0.00	29.35 0.66 0.00	29.07 0.67 0.00	31.51 0.66 0.00	30.81 0.63 0.00	32.73 0.78 0.00	43.52 0.93 0.00	58.71 1.37 0.00	42.87 1.04 0.00	37.88 0.91 0.00	39.54 0.94 0.00	33.27 0.81 0.00	34.22 0.77 0.00	31.64 0.86 0.00	98.76 1.86 -27.63	44.96 1.03 -2.62	39.66 0.99 -1.09	53.97 0.58 -32.69	40.66 0.29 -29.87	42.61 0.37 -28.69	31.92 0.80 -0.01	32.22 0.73 0.00
V_XM_10_SYNC_DSASP 323789	42.43 1.20 0.00	35.01 1.19 0.00	28.50 0.57 0.00	28.31 -0.38 0.00	27.37 -1.03 0.00	29.84 -1.01 0.00	29.59 -0.59 0.00	30.77 -1.19 0.00	41.01 -1.58 0.00	56.18 -1.16 0.00	40.96 -0.88 0.00	35.85 -1.12 0.00	36.68 -1.91 0.00	30.48 -1.98 0.00	31.51 -1.94 0.00	26.00 -2.72 2.07	64.07 -5.69 -0.49	37.07 -4.28 -0.05	34.18 -3.41 -0.02	19.01 -1.82 -0.13	10.32 -0.70 -0.52	13.10 -0.95 -0.50	28.78 -2.33 0.00	5.87 -2.59 23.03
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.48 2.24 0.00	35.69 1.87 0.00	29.38 1.45 0.00	30.18 1.50 0.00	30.01 1.62 0.00	32.64 1.79 0.00	31.99 1.82 0.00	34.00 2.04 0.00	45.21 2.62 0.00	60.75 3.41 0.00	44.49 2.65 0.00	39.38 2.41 0.00	41.22 2.63 0.00	34.68 2.22 0.00	35.71 2.26 0.00	32.88 2.09 0.00	98.07 4.93 -23.86	46.64 3.07 -2.27	41.26 2.74 -0.94	50.53 1.49 -28.33	37.12 0.72 -25.89	39.33 0.91 -24.87	33.17 2.06 0.00	33.46 1.97 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.67 2.43 0.00	35.82 2.00 0.00	29.48 1.55 0.00	30.29 1.60 0.00	30.09 1.69 0.00	32.69 1.84 0.00	32.05 1.87 0.00	34.05 2.09 0.00	45.31 2.72 0.00	60.94 3.60 0.00	44.66 2.82 0.00	39.56 2.59 0.00	41.44 2.85 0.00	34.88 2.43 0.00	35.89 2.44 0.00	33.01 2.23 0.00	98.79 5.23 -24.29	46.81 3.20 -2.31	41.41 2.87 -0.96	51.09 1.57 -28.82	37.62 0.77 -26.34	39.85 1.00 -25.29	33.41 2.29 0.00	33.68 2.20 0.00
W50THST__13_KV_LOAD 356117	43.88 2.65 0.00	36.00 2.18 0.00	29.61 1.69 0.00	30.42 1.73 0.00	30.22 1.83 0.00	32.85 1.99 0.00	32.20 2.02 0.00	34.21 2.26 0.00	45.55 2.96 0.00	61.25 3.91 0.00	44.87 3.04 0.00	39.77 2.80 0.00	41.66 3.07 0.00	35.06 2.61 0.00	36.09 2.63 0.00	33.19 2.41 0.00	99.20 5.64 -24.29	47.04 3.43 -2.31	41.61 3.07 -0.96	51.21 1.68 -28.82	37.68 0.83 -26.34	39.92 1.07 -25.29	33.57 2.45 0.00	33.84 2.36 0.00
WADING RIVER_IC_1 23522	43.88 2.64 0.00	36.00 2.18 0.00	29.44 1.51 0.00	30.51 1.82 0.00	30.10 1.71 0.00	32.73 1.87 0.00	32.30 2.12 0.00	34.28 2.32 0.00	45.22 2.64 0.00	60.98 3.64 0.00	44.83 3.00 0.00	44.05 2.93 -4.16	47.55 3.03 -5.93	34.87 2.42 0.00	35.92 2.46 0.00	32.83 2.05 0.00	101.60 5.13 -27.19	55.11 3.30 -10.51	41.47 2.93 -0.96	51.13 1.60 -28.82	37.65 0.80 -26.34	39.89 1.04 -25.30	33.80 2.68 0.00	33.89 2.40 0.00
WADING RIVER_IC_2 23547	43.88 2.64 0.00	36.00 2.18 0.00	29.44 1.51 0.00	30.51 1.82 0.00	30.10 1.71 0.00	32.73 1.87 0.00	32.30 2.12 0.00	34.28 2.32 0.00	45.22 2.64 0.00	60.98 3.64 0.00	44.83 3.00 0.00	44.05 2.93 -4.16	47.55 3.03 -5.93	34.87 2.42 0.00	35.92 2.46 0.00	32.83 2.05 0.00	101.60 5.13 -27.19	55.11 3.30 -10.51	41.47 2.93 -0.96	51.13 1.60 -28.82	37.65 0.80 -26.34	39.89 1.04 -25.30	33.80 2.68 0.00	33.89 2.40 0.00
WADING RIVER_IC_3 23601	43.88 2.64 0.00	36.00 2.18 0.00	29.44 1.51 0.00	30.51 1.82 0.00	30.10 1.71 0.00	32.73 1.87 0.00	32.30 2.12 0.00	34.28 2.32 0.00	45.22 2.64 0.00	60.98 3.64 0.00	44.83 3.00 0.00	44.05 2.93 -4.16	47.55 3.03 -5.93	34.87 2.42 0.00	35.92 2.46 0.00	32.83 2.05 0.00	101.60 5.13 -27.19	55.11 3.30 -10.51	41.47 2.93 -0.96	51.13 1.60 -28.82	37.65 0.80 -26.34	39.89 1.04 -25.30	33.80 2.68 0.00	33.89 2.40 0.00
WALDENNY_12_KV_BK2 80841	40.47 -0.77 0.00	32.94 -0.88 0.00	27.23 -0.70 0.00	28.03 -0.66 0.00	27.87 -0.53 0.00	30.32 -0.54 0.00	29.48 -0.70 0.00	30.54 -1.42 0.00	40.93 -1.66 0.00	54.90 -2.44 0.00	39.63 -2.21 0.00	35.09 -1.88 0.00	36.45 -2.14 0.00	30.91 -1.55 0.00	31.96 -1.49 0.00	29.04 -1.74 0.00	67.02 -4.99 -2.74	38.19 -2.47 0.64	31.29 -2.41 3.88	16.55 -1.28 2.88	12.61 -0.64 -2.75	14.46 -0.85 -1.76	28.42 -1.78 0.91	29.92 -1.57 0.00
WALDEN__HYDRO 24148	43.49 2.25 0.00	35.68 1.86 0.00	29.39 1.46 0.00	30.19 1.51 0.00	29.99 1.60 0.00	32.61 1.76 0.00	31.98 1.80 0.00	33.98 2.03 0.00	45.23 2.64 0.00	60.81 3.47 0.00	44.53 2.69 0.00	39.40 2.43 0.00	41.17 2.58 0.00	34.63 2.18 0.00	35.69 2.23 0.00	32.87 2.09 0.00	98.13 4.95 -23.91	46.66 3.08 -2.27	41.30 2.78 -0.94	50.63 1.51 -28.42	37.21 0.73 -25.97	39.43 0.93 -24.95	33.20 2.08 0.00	33.48 1.99 0.00
WARRENSBURG____ 23737	43.45 2.22 0.00	35.89 2.07 0.00	29.56 1.62 0.00	30.44 1.75 0.00	30.17 1.77 0.00	32.76 1.91 0.00	32.13 1.95 0.00	34.25 2.30 0.00	45.72 3.14 0.00	61.64 4.30 0.00	44.96 3.12 0.00	39.32 2.35 0.00	40.75 2.16 0.00	33.64 1.18 0.00	34.64 1.19 0.00	31.93 1.15 0.00	100.22 2.78 -28.17	45.47 1.49 -2.67	40.20 1.52 -1.11	54.87 0.85 -33.31	41.39 0.44 -30.44	43.37 0.57 -29.24	32.39 1.27 -0.01	32.65 1.16 0.00
WATERSIDE____6 8 9 23538	43.71 2.47 0.00	35.85 2.03 0.00	29.50 1.58 0.00	30.31 1.63 0.00	30.12 1.72 0.00	32.70 1.84 0.00	32.06 1.89 0.00	34.06 2.11 0.00	45.32 2.73 0.00	60.96 3.62 0.00	44.66 2.82 0.00	39.56 2.59 0.00	41.45 2.86 0.00	34.90 2.44 0.00	35.91 2.45 0.00	33.01 2.23 0.00	98.80 5.23 -24.29	46.83 3.22 -2.31	41.42 2.89 -0.96	51.11 1.58 -28.82	37.64 0.79 -26.34	39.87 1.02 -25.30	33.44 2.32 0.00	33.71 2.23 0.00
WATKINRD_115KV_LN8_ILLION 55919	41.55 0.31 0.00	34.05 0.23 0.00	28.14 0.21 0.00	28.93 0.24 0.00	28.63 0.23 0.00	31.03 0.18 0.00	30.32 0.15 0.00	32.23 0.28 0.00	42.87 0.29 0.00	57.74 0.40 0.00	42.13 0.29 0.00	37.18 0.21 0.00	38.70 0.12 0.00	32.43 -0.03 0.00	33.47 0.02 0.00	30.96 0.18 0.00	70.14 0.51 -0.35	41.58 0.24 -0.03	37.90 0.30 -0.01	21.31 0.19 -0.41	10.95 0.07 -0.38	13.99 0.07 -0.36	31.23 0.12 0.00	31.55 0.06 0.00
WATSON____69_KV_BK 1 55734	44.44 3.21 0.00	36.49 2.67 0.00	29.88 1.95 0.00	30.91 2.22 0.00	30.56 2.17 0.00	33.25 2.40 0.00	32.63 2.46 0.00	34.70 2.75 0.00	46.09 3.51 0.00	62.12 4.78 0.00	45.66 3.82 0.00	44.83 3.57 -4.29	48.50 3.79 -6.12	35.55 3.09 0.00	36.71 3.25 0.00	33.53 2.74 0.00	103.32 6.60 -27.45	56.24 4.16 -10.78	42.18 3.64 -0.96	51.55 2.02 -28.82	37.87 1.02 -26.34	40.15 1.30 -25.30	34.21 3.10 0.00	34.34 2.85 0.00
WDELAWARE__HYD 323627	42.86 1.62 0.00	35.12 1.30 0.00	28.90 0.98 0.00	29.71 1.02 0.00	29.52 1.12 0.00	32.12 1.27 0.00	31.49 1.32 0.00	33.47 1.52 0.00	44.55 1.96 0.00	59.89 2.55 0.00	43.91 2.08 0.00	38.80 1.83 0.00	40.54 1.95 0.00	34.05 1.59 0.00	35.10 1.65 0.00	32.34 1.55 0.00	95.26 3.87 -22.11	45.87 2.46 -2.11	40.70 2.22 -0.89	48.73 1.19 -26.83	35.59 0.57 -24.52	37.81 0.71 -23.55	32.71 1.60 0.00	32.96 1.47 0.00

WEST BABYLON___IC 23714	44.33 3.10 0.00	36.42 2.60 0.00	29.82 1.89 0.00	30.84 2.15 0.00	30.50 2.11 0.00	33.18 2.33 0.00	32.55 2.37 0.00	34.64 2.69 0.00	46.00 3.41 0.00	61.98 4.64 0.00	45.58 3.74 0.00	45.00 3.44 -4.58	48.81 3.68 -6.54	35.48 3.02 0.00	36.64 3.18 0.00	33.48 2.69 0.00	103.68 6.43 -27.98	56.70 4.05 -11.35	42.11 3.57 -0.96	51.51 1.98 -28.82	37.85 1.00 -26.34	40.13 1.27 -25.30	34.12 3.00 0.00	34.27 2.78 0.00
WEST CANADA___HYD 24049	41.39 0.15 0.00	33.95 0.14 0.00	28.04 0.11 0.00	28.77 0.09 0.00	28.45 0.06 0.00	30.91 0.06 0.00	30.24 0.06 0.00	32.02 0.07 0.00	42.67 0.09 0.00	57.50 0.16 0.00	41.96 0.12 0.00	37.07 0.10 0.00	38.67 0.08 0.00	32.50 0.05 0.00	33.50 0.04 0.00	30.83 0.04 0.00	69.75 0.13 -0.35	41.39 0.05 -0.03	37.67 0.08 -0.01	21.15 0.03 -0.41	10.90 0.01 -0.38	13.93 0.01 -0.36	31.13 0.02 0.00	31.49 0.01 0.00
WESTERN_NY_WIND 24143	40.78 -0.46 0.00	33.22 -0.60 0.00	27.43 -0.50 0.00	28.21 -0.47 0.00	28.06 -0.34 0.00	30.56 -0.29 0.00	29.78 -0.39 0.00	30.94 -1.01 0.00	41.42 -1.17 0.00	55.70 -1.64 0.00	40.24 -1.60 0.00	35.54 -1.43 0.00	37.01 -1.58 0.00	31.40 -1.06 0.00	32.51 -0.94 0.00	29.62 -1.17 0.00	68.71 -3.33 -2.76	39.51 -1.55 0.25	33.47 -1.49 2.62	18.86 -0.77 1.07	12.65 -0.39 -2.54	14.81 -0.55 -1.81	29.25 -1.16 0.71	30.49 -1.00 0.00
WESTOVER___LESR 323668	41.73 0.49 0.00	33.96 0.14 0.00	28.09 0.16 0.00	28.92 0.24 0.00	28.70 0.30 0.00	31.20 0.34 0.00	30.42 0.25 0.00	32.29 0.33 0.00	43.20 0.61 0.00	57.85 0.51 0.00	42.20 0.36 0.00	37.30 0.33 0.00	38.91 0.32 0.00	32.87 0.41 0.00	33.87 0.41 0.00	31.10 0.31 0.00	78.20 0.59 -8.33	42.56 0.46 -0.81	38.44 0.32 -0.54	30.71 0.16 -9.84	19.17 0.05 -8.61	21.91 0.06 -8.30	31.26 0.15 0.00	31.68 0.19 0.00
WETHRSFD_WT_PWR 323626	40.24 -0.99 0.00	32.72 -1.09 0.01	27.07 -0.86 0.00	27.89 -0.79 0.00	27.69 -0.71 0.00	30.04 -0.81 0.00	29.16 -1.02 0.00	30.49 -1.46 0.00	40.71 -1.88 0.00	54.12 -3.23 0.00	38.99 -2.85 0.00	34.49 -2.48 0.00	36.07 -2.52 0.00	30.58 -1.88 0.00	31.48 -1.97 0.00	28.62 -2.16 0.00	63.97 -5.95 -0.64	35.28 -3.14 2.88	25.50 -3.18 8.90	7.39 -1.72 11.59	12.41 -0.89 -2.80	13.33 -1.17 -0.95	27.36 -2.46 1.29	29.25 -2.24 0.00
WHAVSTOR_138KV_BK127 55557	43.30 2.07 0.00	35.55 1.73 0.00	29.28 1.35 0.00	30.07 1.39 0.00	29.90 1.51 0.00	32.51 1.66 0.00	31.87 1.69 0.00	33.86 1.90 0.00	45.03 2.44 0.00	60.48 3.14 0.00	44.30 2.47 0.00	39.21 2.24 0.00	41.05 2.46 0.00	34.54 2.09 0.00	35.56 2.11 0.00	32.74 1.95 0.00	97.76 4.61 -23.87	46.45 2.88 -2.27	41.08 2.55 -0.94	50.45 1.39 -28.35	37.08 0.67 -25.90	39.29 0.85 -24.88	33.04 1.92 0.00	33.33 1.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.30 2.07 0.00	35.55 1.73 0.00	29.28 1.35 0.00	30.07 1.39 0.00	29.90 1.51 0.00	32.51 1.66 0.00	31.87 1.69 0.00	33.86 1.90 0.00	45.03 2.44 0.00	60.48 3.14 0.00	44.30 2.47 0.00	39.21 2.24 0.00	41.05 2.46 0.00	34.54 2.09 0.00	35.56 2.11 0.00	32.74 1.95 0.00	97.76 4.61 -23.87	46.45 2.88 -2.27	41.08 2.55 -0.94	50.45 1.39 -28.35	37.08 0.67 -25.90	39.29 0.85 -24.88	33.04 1.92 0.00	33.33 1.84 0.00
WHITEHAL_115KV_TB1 80871	44.10 2.86 0.00	36.61 2.79 0.00	29.92 1.99 0.00	30.95 2.27 0.00	30.63 2.23 0.00	33.18 2.32 0.00	32.68 2.50 0.00	35.10 3.15 0.00	46.99 4.41 0.00	63.13 5.79 0.00	46.13 4.29 0.00	40.44 3.47 0.00	41.97 3.38 0.00	34.73 2.27 0.00	35.81 2.35 0.00	32.92 2.14 0.00	102.59 5.17 -28.15	46.58 2.61 -2.67	41.26 2.58 -1.11	55.34 1.35 -33.28	41.66 0.74 -30.42	43.72 0.95 -29.22	33.14 2.02 -0.01	33.36 1.87 0.00
WHITEPLN_13_KV_LOAD 356215	43.85 2.61 0.00	35.95 2.13 0.00	29.59 1.66 0.00	30.39 1.70 0.00	30.19 1.80 0.00	32.82 1.97 0.00	32.20 2.03 0.00	34.22 2.27 0.00	45.57 2.99 0.00	61.34 4.00 0.00	44.92 3.08 0.00	39.79 2.82 0.00	41.65 3.07 0.00	35.03 2.58 0.00	36.07 2.61 0.00	33.18 2.39 0.00	99.21 5.67 -24.26	47.08 3.47 -2.30	41.66 3.12 -0.96	51.20 1.70 -28.79	37.65 0.83 -26.31	39.89 1.07 -25.27	33.53 2.41 0.00	33.79 2.30 0.00
WM_FLOYD_69_KV_BK2 356380	44.05 2.82 0.00	36.16 2.34 0.00	29.59 1.66 0.00	30.64 1.96 0.00	30.26 1.87 0.00	32.90 2.05 0.00	32.38 2.20 0.00	34.38 2.43 0.00	45.52 2.94 0.00	61.36 4.02 0.00	45.12 3.28 0.00	44.29 3.16 -4.17	47.81 3.27 -5.94	35.09 2.63 0.00	36.14 2.68 0.00	33.04 2.25 0.00	102.14 5.66 -27.20	55.44 3.61 -10.52	41.68 3.13 -0.96	51.26 1.73 -28.82	37.71 0.86 -26.34	39.97 1.12 -25.30	33.90 2.79 0.00	34.01 2.52 0.00
WOODARD___115KV_TB2 355635	40.82 -0.42 0.00	33.40 -0.42 0.00	27.60 -0.33 0.00	28.37 -0.32 0.00	28.12 -0.28 0.00	30.58 -0.27 0.00	29.88 -0.30 0.00	31.63 -0.33 0.00	42.21 -0.38 0.00	56.73 -0.61 0.00	41.35 -0.49 0.00	36.55 -0.42 0.00	38.17 -0.42 0.00	32.17 -0.29 0.00	33.18 -0.28 0.00	30.46 -0.28 0.04	70.92 -0.66 -2.31	41.19 -0.33 -0.22	37.29 -0.38 -0.09	23.19 -0.22 -2.70	12.87 -0.12 -2.48	15.78 -0.15 -2.38	30.81 -0.30 0.00	30.78 -0.26 0.45
YORK___WARBASSE 23770	43.81 2.57 0.00	35.94 2.12 0.00	29.55 1.62 0.00	30.36 1.67 0.00	30.17 1.78 0.00	32.76 1.91 0.00	32.14 1.96 0.00	34.14 2.19 0.00	45.42 2.84 0.00	61.08 3.75 0.00	44.73 2.89 0.00	39.61 2.64 0.00	41.52 2.93 0.00	34.94 2.48 0.00	35.96 2.51 0.00	33.07 2.29 0.00	99.00 5.44 -24.29	46.94 3.34 -2.31	41.51 2.97 -0.96	51.16 1.63 -28.82	37.67 0.82 -26.34	39.90 1.05 -25.30	33.50 2.38 0.00	33.78 2.29 0.00