

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion													
Generator Data		03/04/2025																							
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	
	46.34	65.12	51.97	64.54	73.88	114.21	91.98	95.21	64.62	55.99	51.72	41.14	41.25	41.64	39.16	38.72	44.03	52.98	96.19	87.31	56.53	42.68	38.40	45.71	
	1.10	0.95	0.77	0.76	0.79	0.93	1.58	0.94	3.03	2.50	2.25	1.81	1.66	1.66	1.63	1.63	1.79	2.43	4.43	3.78	2.26	1.69	1.55	1.48	
74TH STREET_GT_1 24260																									
	46.45	65.23	52.05	64.62	73.96	114.31	92.07	95.24	64.71	56.02	51.80	41.23	41.32	41.74	39.25	38.80	44.14	53.09	96.44	87.74	56.83	42.89	38.60	45.96	
	1.21	1.06	0.85	0.84	0.86	1.02	1.67	0.97	3.12	2.53	2.34	1.91	1.74	1.75	1.73	1.71	1.89	2.54	4.68	4.21	2.56	1.91	1.74	1.74	
74TH STREET_GT_2 24261																									
	46.45	65.23	52.05	64.62	73.96	114.31	92.07	95.24	64.71	56.02	51.80	41.23	41.32	41.74	39.25	38.80	44.14	53.09	96.44	87.74	56.83	42.89	38.60	45.96	
	1.21	1.06	0.85	0.84	0.86	1.02	1.67	0.97	3.12	2.53	2.34	1.91	1.74	1.75	1.73	1.71	1.89	2.54	4.68	4.21	2.56	1.91	1.74	1.74	
ADK HUDSON___FALLS 24011																									
	51.08	74.79	59.81	75.59	87.08	136.76	107.46	114.91	67.93	58.96	54.17	42.96	43.39	43.88	40.64	40.67	46.87	58.71	150.58	93.28	60.24	45.39	40.70	48.90	
	3.85	3.83	2.92	2.81	3.03	3.13	3.94	1.97	6.34	5.48	4.71	3.63	3.80	3.90	3.11	3.58	4.63	5.98	10.44	9.76	5.97	4.41	3.85	4.68	
ADK RESOURCE___RCVRY 23798																									
	51.55	75.27	60.18	75.94	87.45	137.10	107.85	115.12	68.46	59.48	54.58	43.27	43.81	44.36	41.01	41.11	47.47	59.47	151.99	94.54	61.00	45.94	41.18	49.47	
	4.32	4.30	3.28	3.14	3.38	3.44	4.31	2.15	6.87	6.00	5.12	3.95	4.23	4.38	3.48	4.02	5.22	6.73	11.72	11.02	6.73	4.96	4.32	5.25	
ADK S GLENS___FALLS 24028																									
	51.08	74.79	59.81	75.59	87.08	136.76	107.46	114.91	67.93	58.96	54.17	42.96	43.39	43.88	40.64	40.67	46.87	58.71	150.58	93.28	60.24	45.39	40.70	48.90	
	3.85	3.83	2.92	2.81	3.03	3.13	3.94	1.97	6.34	5.48	4.71	3.63	3.80	3.90	3.11	3.58	4.63	5.98	10.44	9.76	5.97	4.41	3.85	4.68	
ADK_NYS___DAM 23527																									
	48.79	71.94	57.57	72.92	83.99	132.17	103.25	111.08	64.19	55.67	51.63	40.85	40.92	41.48	38.83	38.49	44.14	54.54	131.12	87.23	56.47	42.76	38.53	46.56	
	1.85	1.95	1.50	1.43	1.51	1.47	1.62	0.83	2.60	2.18	2.16	1.53	1.33	1.49	1.31	1.41	1.90	2.41	4.31	3.70	2.20	1.77	1.68	2.34	
AIR_PRODUCTS___DRP 24190																									
	48.14	71.26	57.05	72.51	83.58	131.98	103.03	111.03	63.46	55.06	50.93	40.42	40.56	41.01	38.41	38.07	43.42	53.00	113.82	86.06	55.82	42.20	37.95	45.64	
	1.17	1.17	0.89	0.88	0.93	0.97	1.20	0.61	1.88	1.58	1.46	1.09	0.97	1.03	0.89	0.99	1.18	1.59	2.88	2.54	1.55	1.21	1.10	1.42	
AKWESSNE_115KV_BK 355683																									
	37.88	37.17	28.50	27.46	28.81	30.62	37.28	18.19	62.42	53.40	49.66	39.99	40.30	40.86	38.34	37.87	42.98	50.85	86.96	84.31	54.94	41.55	37.40	45.00	
	0.76	0.76	0.58	0.50	0.55	0.54	0.51	0.14	0.83	0.87	0.74	0.66	0.71	0.88	0.81	0.79	0.73	0.54	0.56	0.79	0.67	0.56	0.55	0.78	
ALBANY_1_SOLAR 323833																									
	48.33	71.06	56.88	72.04	82.96	130.61	102.32	109.65	64.01	55.44	51.24	40.61	40.70	41.21	38.43	38.22	43.64	53.20	108.79	86.84	56.32	42.52	38.22	45.96	
	1.53	1.54	1.20	1.16	1.23	1.30	1.59	0.77	2.42	1.95	1.77	1.28	1.11	1.22	0.90	1.13	1.40	2.05	3.64	3.31	2.05	1.53	1.37	1.74	
ALBANY_2_SOLAR 323834																									
	48.33	71.05	56.86	72.04	82.95	130.62	102.31	109.64	63.98	55.43	51.23	40.60	40.69	41.19	38.41	38.21	43.63	53.19	108.76	86.79	56.31	42.51	38.21	45.95	
	1.52	1.53	1.18	1.16	1.22	1.30	1.58	0.75	2.39	1.95	1.76	1.28	1.11	1.21	0.89	1.12	1.39	2.03	3.61	3.27	2.04	1.52	1.36	1.72	
ALBANY___1 23571																									
	48.14	71.26	57.05	72.51	83.58	131.98	103.03	111.03	63.46	55.06	50.93	40.42	40.56	41.01	38.41	38.07	43.42	53.00	113.82	86.06	55.82	42.20	37.95	45.64	
	1.17	1.17	0.89	0.88	0.93	0.97	1.20	0.61	1.88	1.58	1.46	1.09	0.97	1.03	0.89	0.99	1.18	1.59	2.88	2.54	1.55	1.21	1.10	1.42	

ALBANY___2 23572	48.14 1.17 -9.85	71.26 1.17 -33.69	57.05 0.89 -28.24	72.51 0.88 -44.68	83.58 0.93 -54.38	131.98 0.97 -100.94	103.03 1.20 -65.07	111.03 0.61 -92.37	63.46 1.88 0.00	55.06 1.58 0.00	50.93 1.46 0.00	40.42 1.09 0.00	40.56 0.97 0.00	41.01 1.03 0.00	38.41 0.89 0.00	38.07 0.99 0.00	43.42 1.18 0.00	53.00 1.59 -1.11	113.82 2.88 -24.54	86.06 2.54 0.00	55.82 1.55 0.00	42.20 1.21 0.00	37.95 1.10 0.00	45.64 1.42 0.00
ALBANY___3 23573	48.14 1.17 -9.85	71.26 1.17 -33.69	57.05 0.89 -28.24	72.51 0.88 -44.68	83.58 0.93 -54.38	131.98 0.97 -100.94	103.03 1.20 -65.07	111.03 0.61 -92.37	63.46 1.88 0.00	55.06 1.58 0.00	50.93 1.46 0.00	40.42 1.09 0.00	40.56 0.97 0.00	41.01 1.03 0.00	38.41 0.89 0.00	38.07 0.99 0.00	43.42 1.18 0.00	53.00 1.59 -1.11	113.82 2.88 -24.54	86.06 2.54 0.00	55.82 1.55 0.00	42.20 1.21 0.00	37.95 1.10 0.00	45.64 1.42 0.00
ALBANY___4 23574	48.14 1.17 -9.85	71.26 1.17 -33.69	57.05 0.89 -28.24	72.51 0.88 -44.68	83.58 0.93 -54.38	131.98 0.97 -100.94	103.03 1.20 -65.07	111.03 0.61 -92.37	63.46 1.88 0.00	55.06 1.58 0.00	50.93 1.46 0.00	40.42 1.09 0.00	40.56 0.97 0.00	41.01 1.03 0.00	38.41 0.89 0.00	38.07 0.99 0.00	43.42 1.18 0.00	53.00 1.59 -1.11	113.82 2.88 -24.54	86.06 2.54 0.00	55.82 1.55 0.00	42.20 1.21 0.00	37.95 1.10 0.00	45.64 1.42 0.00
ALBANY___LFGE 323615	48.44 1.37 -9.95	71.79 1.37 -34.01	57.49 1.05 -28.52	73.09 1.02 -45.11	84.26 1.08 -54.92	133.15 1.14 -101.93	103.89 1.42 -65.71	112.50 0.81 -93.63	64.46 2.87 0.00	55.92 2.43 0.00	51.73 2.27 0.00	41.04 1.72 0.00	41.20 1.61 0.00	41.64 1.65 0.00	38.97 1.44 0.00	38.69 1.60 0.00	44.15 1.90 0.00	54.73 2.50 -1.92	133.52 4.41 -42.71	87.48 3.96 0.00	56.70 2.44 0.00	42.82 1.84 0.00	38.48 1.63 0.00	46.22 2.00 0.00
ALCOA_PA_115KV_PL-6C 55860	38.01 0.89 0.00	37.31 0.90 0.00	28.60 0.68 0.00	27.56 0.61 0.00	28.92 0.66 0.00	30.73 0.66 0.00	37.42 0.65 0.00	18.25 0.20 0.00	62.63 1.04 0.00	53.59 1.05 0.95	49.84 0.92 0.54	40.13 0.80 0.00	40.45 0.86 0.00	41.01 1.03 0.00	38.48 0.95 0.00	38.01 0.93 0.00	43.14 0.90 0.00	51.05 0.74 0.00	87.27 0.87 0.00	84.63 1.11 0.00	55.14 0.87 0.00	41.70 0.71 0.00	37.54 0.69 0.00	45.17 0.95 0.00
ALCOA_RYNLDS___DRP 24188	38.01 0.89 0.00	37.31 0.90 0.00	28.60 0.68 0.00	27.56 0.61 0.00	28.92 0.66 0.00	30.73 0.66 0.00	37.42 0.65 0.00	18.25 0.20 0.00	62.63 1.04 0.00	53.59 1.05 0.95	49.84 0.92 0.54	40.13 0.80 0.00	40.45 0.86 0.00	41.01 1.03 0.00	38.48 0.95 0.00	38.01 0.93 0.00	43.14 0.90 0.00	51.05 0.74 0.00	87.27 0.87 0.00	84.63 1.11 0.00	55.14 0.87 0.00	41.70 0.71 0.00	37.54 0.69 0.00	45.17 0.95 0.00
ALCOA___DSASP 323711	38.01 0.89 0.00	37.30 0.90 0.00	28.60 0.68 0.00	27.56 0.61 0.00	28.92 0.66 0.00	30.73 0.66 0.00	37.42 0.65 0.00	18.25 0.20 0.00	62.63 1.04 0.00	53.58 1.05 0.95	49.84 0.92 0.54	40.13 0.80 0.00	40.45 0.86 0.00	41.01 1.03 0.00	38.47 0.95 0.00	38.01 0.93 0.00	43.14 0.90 0.00	51.05 0.74 0.00	87.26 0.87 0.00	84.63 1.11 0.00	55.14 0.87 0.00	41.70 0.71 0.00	37.54 0.69 0.00	45.17 0.95 0.00
ALLEGHENY___COGEN 23514	37.49 -1.20 -1.57	40.71 -1.06 -5.37	31.57 -0.85 -4.50	33.29 -0.78 -7.12	36.26 -0.67 -8.66	45.59 -0.57 -16.08	48.24 -0.39 -11.87	32.94 -0.25 -15.14	60.55 -1.04 0.00	52.20 -1.60 -0.32	47.62 -2.03 -0.18	37.93 -1.40 0.00	38.39 -1.19 0.00	38.55 -1.44 0.00	36.24 -1.29 0.00	38.95 -1.88 -3.74	40.32 -1.92 0.00	49.03 -1.34 -0.06	87.16 -0.54 -1.30	83.64 0.12 0.00	54.17 -0.10 0.00	40.33 -0.66 0.00	35.97 -0.89 0.00	42.95 -1.27 0.00
ALTAMONT_115KV_TB 2 55880	47.86 0.89 -9.85	70.97 0.87 -33.69	56.84 0.67 -28.25	72.30 0.67 -44.68	83.36 0.71 -54.39	131.78 0.75 -100.95	102.79 0.95 -65.08	110.97 0.50 -92.42	63.17 1.58 0.00	54.79 1.30 0.00	50.67 1.21 0.00	40.22 0.89 0.00	40.40 0.81 0.00	40.80 0.82 0.00	38.23 0.70 0.00	37.85 0.77 0.00	43.18 0.94 0.00	52.59 1.32 -0.96	110.25 2.44 -21.40	85.67 2.15 0.00	55.57 1.30 0.00	41.98 0.99 0.00	37.75 0.89 0.00	45.30 1.07 0.00
ALTONA_WT_PWR 323606	38.91 1.79 0.00	37.80 1.40 0.00	28.85 0.94 0.00	27.79 0.84 0.00	29.19 0.92 0.00	31.06 0.99 0.00	37.87 1.11 0.00	18.59 0.54 0.00	63.78 2.19 0.00	53.38 1.94 2.05	50.00 1.71 1.17	40.66 1.33 0.00	41.28 1.69 0.00	42.18 2.20 0.00	39.19 1.67 0.00	39.12 2.03 0.00	44.63 2.39 0.00	52.91 2.60 0.00	90.54 4.14 0.00	87.69 4.17 0.00	56.91 2.64 0.00	43.10 2.11 0.00	38.87 2.02 0.00	47.15 2.93 0.00
AMERICAN_REF_FUEL 24010	34.56 -3.98 -1.42	37.46 -3.79 -4.84	29.02 -2.95 -4.06	30.42 -2.95 -6.42	33.19 -2.88 -7.81	41.59 -2.99 -14.50	42.23 -3.55 -9.01	29.29 -2.00 -13.24	55.21 -6.37 0.00	48.11 -5.70 -0.32	45.07 -4.58 -0.18	36.16 -3.17 0.00	36.64 -2.95 0.00	36.92 -3.07 0.00	34.58 -2.95 0.00	33.05 -3.20 0.83	38.84 -3.40 0.00	45.95 -4.36 0.00	78.52 -7.87 0.00	76.65 -6.87 0.00	50.31 -3.96 0.00	37.61 -3.37 0.00	33.79 -3.06 0.00	40.70 -3.52 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	35.61 -3.07 -1.56	38.98 -2.76 -5.33	30.27 -2.12 -4.47	31.99 -2.04 -7.07	34.75 -2.12 -8.61	43.86 -2.20 -15.98	44.21 -2.69 -10.13	31.21 -1.48 -14.63	56.89 -4.70 0.00	49.94 -3.86 -0.31	46.93 -2.71 -0.18	37.95 -1.37 0.00	38.26 -1.33 0.00	38.13 -1.85 0.00	35.69 -1.84 0.00	34.73 -1.94 0.42	41.14 -1.11 0.00	49.42 -0.89 0.00	84.68 -1.72 0.00	81.75 -1.77 0.00	52.56 -1.71 0.00	38.59 -2.40 0.00	34.27 -2.59 0.00	40.96 -3.27 0.00
ARTHUR KILL_GT_1 23520	61.65 1.28 -23.24	65.04 0.86 -27.77	60.38 0.83 -31.63	66.72 0.74 -39.03	76.14 0.71 -47.18	114.20 0.91 -83.21	91.87 1.46 -53.65	133.79 0.90 -114.85	162.84 2.98 -98.27	70.34 2.52 -14.34	60.12 2.35 -8.31	57.91 1.93 -16.66	57.90 1.74 -16.57	63.98 1.73 -22.26	57.37 1.66 -18.18	57.80 1.60 -19.11	91.44 1.91 -47.29	62.07 2.44 -9.32	116.67 4.17 -26.09	173.17 4.17 -85.48	100.67 2.62 -43.77	59.69 2.04 -16.66	65.17 1.85 -26.47	58.03 1.84 -11.96
ARTHUR_KILL_2 23512	61.53 1.16 -23.24	64.92 0.75 -27.77	60.30 0.75 -31.63	66.65 0.66 -39.03	76.06 0.62 -47.18	114.09 0.80 -83.21	91.75 1.35 -53.65	133.74 0.84 -114.85	162.65 2.80 -98.27	70.20 2.37 -14.34	59.99 2.21 -8.31	57.81 1.82 -16.66	57.81 1.65 -16.57	63.87 1.62 -22.26	57.28 1.57 -18.18	57.70 1.51 -19.11	91.32 1.78 -47.29	61.93 2.30 -9.32	116.41 3.92 -26.09	172.92 3.92 -85.48	100.49 2.45 -43.77	59.56 1.91 -16.66	65.06 1.74 -26.47	57.90 1.72 -11.96
ARTHUR_KILL_3 23513	61.42 0.68 -23.62	64.73 0.56 -27.77	60.42 0.45 -32.06	66.55 0.46 -39.14	76.01 0.45 -47.29	113.85 0.57 -83.21	91.48 1.08 -53.64	94.94 0.67 -76.22	63.66 2.07 0.00	59.44 1.65 -4.31	59.44 1.58 -8.40	57.47 1.29 -16.85	57.77 1.12 -17.06	64.06 1.12 -22.95	56.95 1.15 -18.27	57.61 1.16 -19.37	99.60 1.21 -56.15	61.41 1.75 -9.35	107.26 3.37 -17.49	86.44 2.92 0.00	64.94 1.74 -8.93	59.00 1.35 -16.66	64.57 1.24 -26.47	57.33 1.13 -11.97

ARTHUR_KILL_COGEN 323718	61.65 1.28 -23.24	65.04 0.86 -27.77	60.38 0.83 -31.63	66.72 0.74 -39.03	76.14 0.71 -47.18	114.20 0.91 -83.21	91.87 1.46 -53.65	133.79 0.90 -114.85	162.84 2.98 -98.27	70.34 2.52 -14.34	60.12 2.35 -8.31	57.91 1.93 -16.66	57.90 1.74 -16.57	63.98 1.73 -22.26	57.37 1.66 -18.18	57.80 1.60 -19.11	91.44 1.91 -47.29	62.07 2.44 -9.32	116.67 4.17 -26.09	173.17 4.17 -85.48	100.67 2.62 -43.77	59.69 2.04 -16.66	65.17 1.85 -26.47	58.03 1.84 -11.96
ASHOKAN____ 23654	48.23 2.09 -9.02	69.24 1.97 -30.86	55.31 1.52 -25.87	69.39 1.51 -40.93	79.64 1.56 -49.83	124.40 1.85 -92.47	98.82 2.44 -59.62	104.02 1.31 -84.66	66.09 4.50 0.00	56.99 3.50 0.00	52.59 3.12 0.00	41.65 2.33 0.00	41.27 1.68 0.00	42.12 2.14 0.00	39.57 2.05 0.00	38.97 1.88 0.00	44.81 2.57 0.00	54.26 3.32 -0.64	106.53 6.00 -14.13	89.51 5.99 0.00	57.99 3.72 0.00	43.67 2.68 0.00	39.18 2.32 0.00	46.88 2.66 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.15 0.90 -8.12	64.85 0.68 -27.77	51.81 0.60 -23.29	64.32 0.54 -36.83	73.65 0.55 -44.83	114.06 0.78 -83.21	91.82 1.42 -53.64	95.09 0.82 -76.22	64.29 2.70 -0.01	55.51 2.03 0.00	51.17 1.70 0.00	40.73 1.40 -0.01	40.86 1.27 -0.01	41.28 1.29 0.00	38.90 1.37 0.00	38.36 1.27 0.00	43.66 1.42 0.00	52.54 1.99 -0.24	95.42 3.66 -5.36	86.90 3.37 0.00	56.22 1.94 0.00	42.50 1.51 0.00	38.23 1.37 0.00	45.48 1.26 0.00
ASTORIA_EAST_ENERGY_CC2 323582	46.15 0.91 -8.12	64.85 0.68 -27.77	51.81 0.60 -23.29	64.32 0.54 -36.83	73.65 0.55 -44.83	114.07 0.78 -83.21	91.82 1.42 -53.64	95.09 0.82 -76.22	64.29 2.70 -0.01	55.52 2.03 0.00	51.17 1.70 0.00	40.73 1.40 -0.01	40.86 1.27 -0.01	41.28 1.29 0.00	38.90 1.38 0.00	38.36 1.27 0.00	43.66 1.42 0.00	52.54 1.99 -0.24	95.42 3.66 -5.36	86.90 3.37 0.00	56.22 1.94 0.00	42.50 1.51 0.00	38.23 1.38 0.00	45.48 1.26 0.00
ASTORIA_GT2_1 24094	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT2_2 24095	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT2_3 24096	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT2_4 24097	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT3_1 24098	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT3_2 24099	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT3_3 24100	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT3_4 24101	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT4_1 24102	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT4_2 24103	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT4_3 24104	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00

ASTORIA_GT4_4 24105	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.84 1.43 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.53 2.04 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.31 1.32 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.72 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.51 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA_GT_1 23523	46.23 0.99 -8.12	64.94 0.76 -27.77	51.87 0.66 -23.29	64.38 0.60 -36.83	73.71 0.62 -44.83	114.15 0.86 -83.21	91.90 1.50 -53.64	95.14 0.87 -76.22	64.45 2.85 -0.01	55.64 2.16 0.00	51.29 1.83 0.00	40.83 1.49 -0.01	40.97 1.37 -0.01	41.38 1.40 0.00	39.00 1.47 0.00	38.46 1.37 0.00	43.78 1.53 0.00	52.68 2.13 -0.24	95.67 3.91 -5.36	87.13 3.61 0.00	56.37 2.10 0.00	42.60 1.61 0.00	38.33 1.47 0.00	45.58 1.35 0.00
ASTORIA_GT_10 24110	46.30 1.06 -8.12	65.06 0.89 -27.77	51.96 0.76 -23.29	64.51 0.72 -36.83	73.83 0.74 -44.84	114.17 0.88 -83.21	91.89 1.48 -53.64	95.15 0.88 -76.22	64.44 2.85 -0.01	55.76 2.27 0.00	51.61 2.14 0.00	41.09 1.76 -0.01	41.18 1.58 -0.01	41.55 1.57 0.00	39.10 1.57 0.00	38.60 1.51 0.00	46.23 1.69 -2.29	52.85 2.30 -0.24	95.97 4.21 -5.36	87.39 3.86 0.00	56.55 2.28 0.00	42.72 1.73 0.00	38.43 1.58 0.00	45.73 1.51 0.00
ASTORIA_GT_11 24225	46.30 1.06 -8.12	65.06 0.89 -27.77	51.96 0.76 -23.29	64.51 0.72 -36.83	73.83 0.74 -44.84	114.17 0.88 -83.21	91.89 1.48 -53.64	95.15 0.88 -76.22	64.44 2.85 -0.01	55.76 2.27 0.00	51.61 2.14 0.00	41.09 1.76 -0.01	41.18 1.58 -0.01	41.55 1.57 0.00	39.10 1.57 0.00	38.60 1.51 0.00	46.23 1.69 -2.29	52.85 2.30 -0.24	95.97 4.21 -5.36	87.39 3.86 0.00	56.55 2.28 0.00	42.72 1.73 0.00	38.43 1.58 0.00	45.73 1.51 0.00
ASTORIA_GT_12 24226	46.30 1.06 -8.12	65.06 0.89 -27.77	51.96 0.76 -23.29	64.51 0.72 -36.83	73.83 0.74 -44.84	114.17 0.88 -83.21	91.89 1.48 -53.64	95.15 0.88 -76.22	64.44 2.85 -0.01	55.76 2.27 0.00	51.61 2.14 0.00	41.09 1.76 -0.01	41.18 1.58 -0.01	41.55 1.57 0.00	39.10 1.57 0.00	38.60 1.51 0.00	46.23 1.69 -2.29	52.85 2.30 -0.24	95.97 4.21 -5.36	87.39 3.86 0.00	56.55 2.28 0.00	42.72 1.73 0.00	38.43 1.58 0.00	45.73 1.51 0.00
ASTORIA_GT_13 24227	46.30 1.06 -8.12	65.06 0.89 -27.77	51.96 0.76 -23.29	64.51 0.72 -36.83	73.83 0.74 -44.84	114.17 0.88 -83.21	91.89 1.48 -53.64	95.15 0.88 -76.22	64.44 2.85 -0.01	55.76 2.27 0.00	51.61 2.14 0.00	41.09 1.76 -0.01	41.18 1.58 -0.01	41.55 1.57 0.00	39.10 1.57 0.00	38.60 1.51 0.00	46.23 1.69 -2.29	52.85 2.30 -0.24	95.97 4.21 -5.36	87.39 3.86 0.00	56.55 2.28 0.00	42.72 1.73 0.00	38.43 1.58 0.00	45.73 1.51 0.00
ASTORIA_GT_5 24106	46.23 0.99 -8.12	64.94 0.76 -27.77	51.87 0.66 -23.29	64.38 0.60 -36.83	73.71 0.62 -44.83	114.15 0.86 -83.21	91.91 1.50 -53.64	95.14 0.87 -76.22	64.45 2.86 -0.01	55.64 2.16 0.00	51.29 1.83 0.00	40.83 1.50 -0.01	40.97 1.38 -0.01	41.39 1.41 0.00	39.00 1.47 0.00	38.46 1.38 0.00	43.78 1.53 0.00	52.69 2.14 -0.24	95.67 3.91 -5.36	87.13 3.61 0.00	56.36 2.09 0.00	42.60 1.61 0.00	38.32 1.47 0.00	45.58 1.36 0.00
ASTORIA_GT_7 24107	46.23 0.99 -8.12	64.94 0.76 -27.77	51.87 0.66 -23.29	64.38 0.60 -36.83	73.71 0.62 -44.83	114.15 0.86 -83.21	91.91 1.50 -53.64	95.14 0.87 -76.22	64.45 2.86 -0.01	55.64 2.16 0.00	51.29 1.83 0.00	40.83 1.50 -0.01	40.97 1.38 -0.01	41.39 1.41 0.00	39.00 1.47 0.00	38.46 1.38 0.00	43.78 1.53 0.00	52.69 2.14 -0.24	95.67 3.91 -5.36	87.13 3.61 0.00	56.36 2.09 0.00	42.60 1.61 0.00	38.32 1.47 0.00	45.58 1.36 0.00
ASTORIA_GT_8 24108	46.23 0.99 -8.12	64.94 0.76 -27.77	51.87 0.66 -23.29	64.38 0.60 -36.83	73.71 0.62 -44.83	114.15 0.86 -83.21	91.91 1.50 -53.64	95.14 0.87 -76.22	64.45 2.86 -0.01	55.64 2.16 0.00	51.29 1.83 0.00	40.83 1.50 -0.01	40.97 1.38 -0.01	41.39 1.41 0.00	39.00 1.47 0.00	38.46 1.38 0.00	43.78 1.53 0.00	52.69 2.14 -0.24	95.67 3.91 -5.36	87.13 3.61 0.00	56.36 2.09 0.00	42.60 1.61 0.00	38.32 1.47 0.00	45.58 1.36 0.00
ASTORIA___2 24149	46.16 0.92 -8.12	64.88 0.70 -27.77	51.82 0.61 -23.29	64.34 0.55 -36.83	73.67 0.57 -44.83	114.09 0.80 -83.21	91.83 1.42 -53.64	95.10 0.83 -76.22	64.32 2.73 -0.01	55.54 2.05 0.00	51.19 1.73 0.00	40.75 1.41 -0.01	40.89 1.29 -0.01	41.30 1.31 0.00	38.92 1.39 0.00	38.39 1.30 0.00	43.68 1.44 0.00	52.58 2.03 -0.24	95.47 3.71 -5.36	86.94 3.42 0.00	56.24 1.97 0.00	42.52 1.53 0.00	38.25 1.40 0.00	45.50 1.28 0.00
ASTORIA___3 23516	46.30 1.06 -8.12	65.07 0.89 -27.77	51.96 0.76 -23.29	64.50 0.72 -36.83	73.83 0.74 -44.84	114.17 0.88 -83.21	91.89 1.48 -53.64	95.15 0.88 -76.22	64.44 2.85 -0.01	55.76 2.28 0.00	51.61 2.14 0.00	41.09 1.76 -0.01	41.18 1.58 -0.01	41.54 1.56 0.00	39.09 1.57 0.00	38.60 1.51 0.00	46.23 1.70 -2.29	52.86 2.30 -0.24	95.97 4.21 -5.36	87.39 3.86 0.00	56.55 2.28 0.00	42.72 1.74 0.00	38.43 1.58 0.00	45.73 1.51 0.00
ASTORIA___4 23517	46.30 1.06 -8.12	65.06 0.89 -27.77	51.96 0.76 -23.29	64.51 0.72 -36.83	73.83 0.74 -44.84	114.17 0.88 -83.21	91.89 1.48 -53.64	95.15 0.88 -76.22	64.44 2.85 -0.01	55.76 2.27 0.00	51.61 2.14 0.00	41.09 1.76 -0.01	41.18 1.58 -0.01	41.55 1.57 0.00	39.10 1.57 0.00	38.60 1.51 0.00	46.23 1.69 -2.29	52.85 2.30 -0.24	95.97 4.21 -5.36	87.39 3.86 0.00	56.55 2.28 0.00	42.72 1.73 0.00	38.43 1.58 0.00	45.73 1.51 0.00
ASTORIA___5 23518	46.30 1.06 -8.12	65.07 0.89 -27.77	51.96 0.76 -23.29	64.50 0.72 -36.83	73.83 0.74 -44.84	114.17 0.88 -83.21	91.89 1.48 -53.64	95.15 0.88 -76.22	64.44 2.85 -0.01	55.76 2.28 0.00	51.61 2.14 0.00	41.09 1.76 -0.01	41.18 1.58 -0.01	41.54 1.56 0.00	39.09 1.57 0.00	38.60 1.51 0.00	46.23 1.70 -2.29	52.86 2.30 -0.24	95.97 4.21 -5.36	87.39 3.86 0.00	56.55 2.28 0.00	42.72 1.74 0.00	38.43 1.58 0.00	45.73 1.51 0.00
AST_ENERGY_2_CC3 323677	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.60 -23.28	64.37 0.59 -36.83	73.69 0.59 -44.83	114.01 0.72 -83.21	91.69 1.29 -53.64	95.04 0.78 -76.22	64.04 2.45 0.00	55.45 1.96 0.00	51.26 1.80 0.00	40.84 1.52 0.00	40.93 1.35 0.00	41.32 1.34 0.00	38.88 1.35 0.00	38.43 1.35 0.00	43.70 1.46 0.00	52.53 1.98 -0.24	95.45 3.69 -5.35	86.79 3.27 0.00	56.22 1.95 0.00	42.47 1.48 0.00	38.24 1.39 0.00	45.54 1.32 0.00
AST_ENERGY_2_CC4 323678	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.60 -23.28	64.37 0.59 -36.83	73.69 0.59 -44.83	114.01 0.72 -83.21	91.69 1.29 -53.64	95.04 0.78 -76.22	64.04 2.45 0.00	55.45 1.96 0.00	51.26 1.80 0.00	40.84 1.52 0.00	40.93 1.35 0.00	41.32 1.34 0.00	38.88 1.35 0.00	38.43 1.35 0.00	43.70 1.46 0.00	52.53 1.98 -0.24	95.45 3.69 -5.35	86.79 3.27 0.00	56.22 1.95 0.00	42.47 1.48 0.00	38.24 1.39 0.00	45.54 1.32 0.00

ATHENS_STG_1 23668	46.69 0.72 -8.85	67.37 0.69 -30.28	53.83 0.53 -25.38	67.64 0.53 -40.16	77.69 0.55 -48.88	121.43 0.63 -90.72	96.11 0.86 -58.49	101.64 0.50 -83.10	63.12 1.53 0.00	54.73 1.25 0.00	50.61 1.15 0.00	40.20 0.87 0.00	40.38 0.79 0.00	40.74 0.75 0.00	38.23 0.70 0.00	37.80 0.72 0.00	43.06 0.82 0.00	51.67 1.17 -0.18	92.73 2.25 -4.07	85.47 1.94 0.00	55.43 1.16 0.00	41.88 0.90 0.00	37.68 0.83 0.00	45.12 0.90 0.00
ATHENS_STG_2 23670	46.69 0.72 -8.85	67.37 0.69 -30.28	53.83 0.53 -25.38	67.64 0.53 -40.16	77.69 0.55 -48.88	121.43 0.63 -90.72	96.11 0.86 -58.49	101.64 0.50 -83.10	63.12 1.53 0.00	54.73 1.25 0.00	50.61 1.15 0.00	40.20 0.87 0.00	40.38 0.79 0.00	40.74 0.75 0.00	38.23 0.70 0.00	37.80 0.72 0.00	43.06 0.82 0.00	51.67 1.17 -0.18	92.73 2.25 -4.07	85.47 1.94 0.00	55.43 1.16 0.00	41.88 0.90 0.00	37.68 0.83 0.00	45.12 0.90 0.00
ATHENS_STG_3 23677	46.69 0.72 -8.85	67.37 0.69 -30.28	53.83 0.53 -25.38	67.64 0.53 -40.16	77.69 0.55 -48.88	121.43 0.63 -90.72	96.11 0.86 -58.49	101.64 0.50 -83.10	63.12 1.53 0.00	54.73 1.25 0.00	50.61 1.15 0.00	40.20 0.87 0.00	40.38 0.79 0.00	40.74 0.75 0.00	38.23 0.70 0.00	37.80 0.72 0.00	43.06 0.82 0.00	51.67 1.17 -0.18	92.73 2.25 -4.07	85.47 1.94 0.00	55.43 1.16 0.00	41.88 0.90 0.00	37.68 0.83 0.00	45.12 0.90 0.00
AUBURN___LFGE 323710	37.70 -0.62 -1.20	39.90 -0.60 -4.10	30.87 -0.48 -3.43	31.96 -0.42 -5.43	34.45 -0.42 -6.61	41.89 -0.46 -12.27	44.40 -0.28 -7.91	29.22 -0.12 -11.29	61.02 -0.57 0.00	53.23 -0.73 -0.48	49.15 -0.58 -0.27	38.88 -0.44 0.00	39.14 -0.45 0.00	39.31 -0.67 0.00	36.93 -0.60 0.00	36.55 -0.53 0.00	41.80 -0.44 0.00	49.79 -0.52 0.00	85.98 -0.42 0.00	83.22 -0.30 0.00	53.99 -0.28 0.00	40.45 -0.53 0.00	36.24 -0.61 0.00	43.39 -0.83 0.00
BABYLON_RES_REC 323704	46.90 1.66 -8.12	65.64 1.47 -27.76	52.42 1.23 -23.28	65.03 1.26 -36.82	74.37 1.29 -44.82	114.64 1.37 -83.19	92.51 2.12 -53.63	95.41 1.16 -76.20	65.21 3.62 0.00	56.12 2.63 0.00	51.84 2.37 0.00	41.04 1.71 0.00	41.04 1.45 0.00	41.81 1.83 0.00	39.48 1.95 0.00	38.89 1.81 0.00	44.59 2.35 0.00	53.64 3.09 -0.24	97.27 5.52 -5.35	88.66 5.14 0.00	57.22 2.95 0.00	43.15 2.17 0.00	38.89 2.04 0.00	46.23 2.01 0.00
BABYLON__69_KV_BK2 356345	47.32 2.08 -8.12	66.04 1.87 -27.76	52.74 1.54 -23.28	65.34 1.56 -36.82	74.71 1.62 -44.82	115.00 1.73 -83.19	92.95 2.56 -53.63	95.63 1.37 -76.20	65.92 4.34 0.00	56.68 3.20 0.00	52.32 2.85 0.00	41.40 2.07 0.00	41.39 1.80 0.00	42.20 2.22 0.00	39.90 2.37 0.00	39.29 2.21 0.00	45.07 2.83 0.00	54.27 3.72 -0.24	98.38 6.63 -5.35	89.80 6.28 0.00	57.95 3.68 0.00	43.65 2.67 0.00	39.31 2.46 0.00	46.69 2.47 0.00
BALL_HILL_WT_PWR 323825	35.92 -2.72 -1.51	39.13 -2.45 -5.17	30.32 -1.93 -4.34	31.94 -1.87 -6.86	34.78 -1.84 -8.35	43.68 -1.90 -15.50	44.26 -2.25 -9.74	30.94 -1.28 -14.17	57.56 -4.02 0.00	50.29 -3.50 -0.31	47.03 -2.62 -0.18	37.77 -1.56 0.00	38.26 -1.32 0.00	38.31 -1.68 0.00	35.82 -1.70 0.00	34.55 -1.92 0.62	40.61 -1.63 0.00	48.46 -1.84 0.00	83.13 -3.28 0.00	80.80 -2.72 0.00	52.51 -1.76 0.00	38.93 -2.06 0.00	34.83 -2.02 0.00	41.74 -2.48 0.00
BARON_WINDS___WT_PWR 323822	36.25 -2.83 -1.95	40.42 -2.65 -6.66	31.44 -2.07 -5.59	33.97 -1.82 -8.84	37.14 -1.88 -10.76	48.05 -2.00 -19.97	43.63 -2.53 -9.39	34.32 -1.20 -17.47	57.66 -3.93 0.00	49.93 -3.85 -0.29	46.41 -3.22 -0.17	37.21 -2.12 0.00	37.91 -1.68 0.00	37.86 -2.12 0.00	35.57 -1.95 0.00	25.71 -2.70 8.67	39.51 -2.72 0.01	47.95 -2.43 -0.07	83.87 -4.15 -1.62	79.52 -4.01 0.00	51.21 -3.06 0.00	38.08 -2.91 0.00	34.01 -2.84 0.01	40.65 -3.57 0.00
BARRETT_IC_1 23704	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT_IC_10 23701	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT_IC_11 23702	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT_IC_12 23703	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT_IC_2 23705	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT_IC_3 23706	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT_IC_4 23707	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00

BARRETT_IC_5 23708	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT_IC_6 23709	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT_IC_7 23710	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.90 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.90 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.49 0.00	56.28 2.01 0.00	42.70 1.72 0.00	38.52 1.67 0.00	45.86 1.63 0.00
BARRETT_IC_8 23711	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT_IC_9 23700	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT___1 23545	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BARRETT___2 23546	46.46 1.22 -8.12	65.24 1.07 -27.76	52.11 0.91 -23.28	64.70 0.93 -36.82	73.97 0.89 -44.82	114.22 0.95 -83.19	91.94 1.55 -53.63	95.15 0.89 -76.20	64.35 2.76 0.00	55.52 2.03 0.00	51.31 1.85 0.00	40.89 1.57 0.00	40.95 1.36 0.00	41.60 1.61 0.00	39.22 1.69 0.00	38.68 1.59 0.00	44.05 1.81 0.00	52.80 2.24 -0.24	95.75 3.99 -5.35	87.01 3.48 0.00	56.28 2.01 0.00	42.71 1.72 0.00	38.52 1.67 0.00	45.85 1.63 0.00
BATAVIA__115KV_TB1 55881	36.25 -2.19 -1.32	38.89 -2.01 -4.49	30.10 -1.59 -3.77	31.31 -1.61 -5.96	34.03 -1.49 -7.26	42.10 -1.45 -13.47	43.67 -1.51 -8.42	29.45 -0.91 -12.31	58.72 -2.86 0.00	51.01 -2.81 -0.33	47.48 -2.17 -0.19	37.90 -1.42 0.00	38.35 -1.24 0.00	38.44 -1.55 0.00	36.16 -1.36 0.00	34.81 -1.61 0.66	40.68 -1.56 0.00	48.51 -1.81 0.00	83.52 -2.87 0.00	81.35 -2.17 0.00	53.13 -1.14 0.00	39.63 -1.35 0.00	35.51 -1.34 0.00	42.61 -1.61 0.00
BAYONEEC___CTG1 323682	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.59 -23.28	64.36 0.58 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.69 1.29 -53.64	95.04 0.77 -76.22	64.03 2.44 0.00	55.44 1.96 0.00	51.28 1.82 0.00	40.82 1.49 0.00	40.90 1.32 0.00	41.30 1.32 0.00	38.86 1.33 0.00	38.42 1.33 0.00	43.69 1.44 0.00	52.56 2.01 -0.24	95.51 3.76 -5.35	86.82 3.30 0.00	56.25 1.98 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.54 1.32 0.00
BAYONEEC___CTG10 323750	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.59 -23.28	64.36 0.58 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.69 1.29 -53.64	95.04 0.77 -76.22	64.03 2.44 0.00	55.44 1.96 0.00	51.28 1.82 0.00	40.82 1.49 0.00	40.90 1.32 0.00	41.30 1.32 0.00	38.86 1.33 0.00	38.42 1.33 0.00	43.69 1.44 0.00	52.56 2.01 -0.24	95.51 3.76 -5.35	86.82 3.30 0.00	56.25 1.98 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.54 1.32 0.00
BAYONEEC___CTG2 323683	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.59 -23.28	64.36 0.58 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.69 1.29 -53.64	95.04 0.77 -76.22	64.03 2.44 0.00	55.44 1.96 0.00	51.28 1.82 0.00	40.82 1.49 0.00	40.90 1.32 0.00	41.30 1.32 0.00	38.86 1.33 0.00	38.42 1.33 0.00	43.69 1.44 0.00	52.56 2.01 -0.24	95.51 3.76 -5.35	86.82 3.30 0.00	56.25 1.98 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.54 1.32 0.00
BAYONEEC___CTG3 323684	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.59 -23.28	64.36 0.58 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.69 1.29 -53.64	95.04 0.77 -76.22	64.03 2.44 0.00	55.44 1.96 0.00	51.28 1.82 0.00	40.82 1.49 0.00	40.90 1.32 0.00	41.30 1.32 0.00	38.86 1.33 0.00	38.42 1.33 0.00	43.69 1.44 0.00	52.56 2.01 -0.24	95.51 3.76 -5.35	86.82 3.30 0.00	56.25 1.98 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.54 1.32 0.00
BAYONEEC___CTG4 323685	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.59 -23.28	64.36 0.58 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.69 1.29 -53.64	95.04 0.77 -76.22	64.03 2.44 0.00	55.44 1.96 0.00	51.28 1.82 0.00	40.82 1.49 0.00	40.90 1.32 0.00	41.30 1.32 0.00	38.86 1.33 0.00	38.42 1.33 0.00	43.69 1.44 0.00	52.56 2.01 -0.24	95.51 3.76 -5.35	86.82 3.30 0.00	56.25 1.98 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.54 1.32 0.00
BAYONEEC___CTG5 323686	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.59 -23.28	64.36 0.58 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.69 1.29 -53.64	95.04 0.77 -76.22	64.03 2.44 0.00	55.44 1.96 0.00	51.28 1.82 0.00	40.82 1.49 0.00	40.90 1.32 0.00	41.30 1.32 0.00	38.86 1.33 0.00	38.42 1.33 0.00	43.69 1.44 0.00	52.56 2.01 -0.24	95.51 3.76 -5.35	86.82 3.30 0.00	56.25 1.98 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.54 1.32 0.00
BAYONEEC___CTG6 323687	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.59 -23.28	64.36 0.58 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.69 1.29 -53.64	95.04 0.77 -76.22	64.03 2.44 0.00	55.44 1.96 0.00	51.28 1.82 0.00	40.82 1.49 0.00	40.90 1.32 0.00	41.30 1.32 0.00	38.86 1.33 0.00	38.42 1.33 0.00	43.69 1.44 0.00	52.56 2.01 -0.24	95.51 3.76 -5.35	86.82 3.30 0.00	56.25 1.98 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.54 1.32 0.00

BAYONEEC___CTG7 323688	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.59 -23.28	64.36 0.58 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.69 1.29 -53.64	95.04 0.77 -76.22	64.03 2.44 0.00	55.44 1.96 0.00	51.28 1.82 0.00	40.82 1.49 0.00	40.90 1.32 0.00	41.30 1.32 0.00	38.86 1.33 0.00	38.42 1.33 0.00	43.69 1.44 0.00	52.56 2.01 -0.24	95.51 3.76 -5.35	86.82 3.30 0.00	56.25 1.98 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.54 1.32 0.00
BAYONEEC___CTG8 323689	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.59 -23.28	64.36 0.58 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.69 1.29 -53.64	95.04 0.77 -76.22	64.03 2.44 0.00	55.44 1.96 0.00	51.28 1.82 0.00	40.82 1.49 0.00	40.90 1.32 0.00	41.30 1.32 0.00	38.86 1.33 0.00	38.42 1.33 0.00	43.69 1.44 0.00	52.56 2.01 -0.24	95.51 3.76 -5.35	86.82 3.30 0.00	56.25 1.98 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.54 1.32 0.00
BAYONEEC___CTG9 323749	46.11 0.87 -8.12	64.91 0.73 -27.77	51.79 0.59 -23.28	64.36 0.58 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.69 1.29 -53.64	95.04 0.77 -76.22	64.03 2.44 0.00	55.44 1.96 0.00	51.28 1.82 0.00	40.82 1.49 0.00	40.90 1.32 0.00	41.30 1.32 0.00	38.86 1.33 0.00	38.42 1.33 0.00	43.69 1.44 0.00	52.56 2.01 -0.24	95.51 3.76 -5.35	86.82 3.30 0.00	56.25 1.98 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.54 1.32 0.00
BEACON___LESR 323632	48.63 1.68 -9.83	71.64 1.60 -33.63	57.31 1.20 -28.20	72.77 1.21 -44.61	83.81 1.25 -54.29	132.24 1.39 -100.77	103.46 1.74 -64.96	111.13 0.85 -92.22	64.29 2.71 0.00	55.76 2.27 0.00	51.56 2.09 0.00	40.83 1.51 0.00	41.03 1.45 0.00	41.52 1.53 0.00	38.75 1.22 0.00	38.48 1.40 0.00	43.97 1.73 0.00	53.58 2.21 -1.06	113.99 3.96 -23.62	87.11 3.58 0.00	56.48 2.21 0.00	42.64 1.65 0.00	38.31 1.46 0.00	46.07 1.85 0.00
BEAVER RIVER___HYD 24048	40.40 2.82 -0.46	40.69 2.71 -1.57	31.12 1.89 -1.32	30.68 1.64 -2.09	32.76 1.96 -2.54	36.88 2.09 -4.72	41.59 1.79 -3.04	22.84 0.95 -3.84	66.71 5.12 0.00	68.34 5.17 -9.68	59.74 4.74 -5.53	42.68 3.35 0.00	42.88 3.30 0.00	43.35 3.37 0.00	40.41 2.88 0.00	39.47 2.39 0.00	45.19 2.94 0.00	53.81 3.50 0.00	88.88 2.48 0.00	87.81 4.28 0.00	56.80 2.53 0.00	42.68 1.69 0.00	38.30 1.45 0.00	46.30 2.08 0.00
BEEBEE_GT_13 23619	36.14 -2.15 -1.17	38.44 -1.97 -4.00	29.76 -1.52 -3.36	30.74 -1.52 -5.31	33.27 -1.45 -6.46	40.57 -1.50 -11.99	42.89 -1.60 -7.73	28.18 -0.89 -11.02	58.62 -2.97 0.00	51.11 -2.72 -0.33	47.46 -2.20 -0.19	37.80 -1.53 0.00	38.15 -1.44 0.00	38.43 -1.55 0.00	36.03 -1.49 0.00	35.49 -1.60 0.00	40.60 -1.64 0.00	48.34 -1.97 0.00	82.97 -3.43 0.00	80.64 -2.88 0.00	52.54 -1.73 0.00	39.32 -1.67 0.00	35.26 -1.59 0.00	42.29 -1.93 0.00
BENSHRST_27_KV_BENSHRST_1 355998	61.86 1.50 -23.24	65.39 1.21 -27.77	60.58 1.03 -31.63	66.96 0.97 -39.03	76.43 0.99 -47.18	114.48 1.19 -83.21	92.29 1.88 -53.65	133.99 1.10 -114.85	163.47 3.61 -98.27	70.81 2.99 -14.34	60.59 2.81 -8.31	58.27 2.28 -16.66	58.28 2.12 -16.57	64.37 2.12 -22.26	57.74 2.04 -18.18	58.17 1.98 -19.11	195.58 2.30 -151.04	70.91 2.99 -17.62	117.80 5.31 -26.09	174.07 5.07 -85.48	101.14 3.09 -43.77	59.98 2.33 -16.66	65.43 2.11 -26.47	58.32 2.13 -11.96
BETHLEHEM___GRP 23843	48.14 1.17 -9.85	71.26 1.17 -33.69	57.05 0.89 -28.24	72.51 0.88 -44.68	83.58 0.93 -54.38	131.98 0.97 -100.94	103.03 1.20 -65.07	111.03 0.61 -92.37	63.46 1.88 0.00	55.06 1.58 0.00	50.93 1.46 0.00	40.42 1.09 0.00	40.56 0.97 0.00	41.01 1.03 0.00	38.41 0.89 0.00	38.07 0.99 0.00	43.42 1.18 0.00	53.00 1.59 -1.11	113.82 2.88 -24.54	86.06 2.54 0.00	55.82 1.55 0.00	42.20 1.21 0.00	37.95 1.10 0.00	45.64 1.42 0.00
BETHLEHEM___GS1 323560	48.14 1.17 -9.85	71.26 1.17 -33.69	57.05 0.89 -28.24	72.51 0.88 -44.68	83.57 0.93 -54.38	131.98 0.97 -100.94	103.03 1.20 -65.07	111.03 0.61 -92.37	63.46 1.88 0.00	55.07 1.58 0.00	50.93 1.46 0.00	40.42 1.09 0.00	40.55 0.97 0.00	41.01 1.02 0.00	38.41 0.89 0.00	38.07 0.98 0.00	43.42 1.18 0.00	53.00 1.59 -1.11	113.82 2.88 -24.54	86.06 2.54 0.00	55.82 1.55 0.00	42.20 1.22 0.00	37.95 1.10 0.00	45.64 1.42 0.00
BETHLEHEM___GS2 323561	48.14 1.17 -9.85	71.26 1.17 -33.69	57.05 0.89 -28.24	72.51 0.88 -44.68	83.57 0.93 -54.38	131.98 0.97 -100.94	103.03 1.20 -65.07	111.03 0.61 -92.37	63.46 1.88 0.00	55.07 1.58 0.00	50.93 1.46 0.00	40.42 1.09 0.00	40.55 0.97 0.00	41.01 1.02 0.00	38.41 0.89 0.00	38.07 0.98 0.00	43.42 1.18 0.00	53.00 1.59 -1.11	113.82 2.88 -24.54	86.06 2.54 0.00	55.82 1.55 0.00	42.20 1.22 0.00	37.95 1.10 0.00	45.64 1.42 0.00
BETHLEHEM___GS3 323562	48.14 1.17 -9.85	71.26 1.17 -33.69	57.05 0.89 -28.24	72.51 0.88 -44.68	83.57 0.93 -54.38	131.98 0.97 -100.94	103.03 1.20 -65.07	111.03 0.61 -92.37	63.46 1.88 0.00	55.07 1.58 0.00	50.93 1.46 0.00	40.42 1.09 0.00	40.55 0.97 0.00	41.01 1.02 0.00	38.41 0.89 0.00	38.07 0.98 0.00	43.42 1.18 0.00	53.00 1.59 -1.11	113.82 2.88 -24.54	86.06 2.54 0.00	55.82 1.55 0.00	42.20 1.22 0.00	37.95 1.10 0.00	45.64 1.42 0.00
BETHLEHEM___STEEL 23779	36.04 -2.58 -1.49	39.19 -2.32 -5.11	30.37 -1.83 -4.28	31.91 -1.81 -6.77	34.77 -1.73 -8.24	43.57 -1.81 -15.30	44.28 -2.08 -9.60	30.81 -1.22 -13.98	57.83 -3.75 0.00	50.49 -3.31 -0.31	47.17 -2.48 -0.18	37.81 -1.52 0.00	38.33 -1.25 0.00	38.47 -1.51 0.00	35.98 -1.55 0.00	34.66 -1.77 0.65	40.60 -1.65 0.00	48.22 -2.09 0.00	82.65 -3.75 0.00	80.53 -2.99 0.00	52.58 -1.69 0.00	39.15 -1.84 0.00	35.10 -1.75 0.00	42.14 -2.08 0.00
BETHLHEM_115KV_TB1 79974	48.06 1.09 -9.84	71.16 1.09 -33.66	56.98 0.84 -28.23	72.42 0.82 -44.65	83.49 0.87 -54.35	131.87 0.91 -100.88	102.93 1.13 -65.03	110.83 0.56 -92.22	63.40 1.81 0.00	55.01 1.52 0.00	50.87 1.40 0.00	40.38 1.05 0.00	40.52 0.94 0.00	40.97 0.99 0.00	38.38 0.85 0.00	38.03 0.95 0.00	43.38 1.13 0.00	52.90 1.54 -1.06	112.69 2.78 -23.51	85.97 2.45 0.00	55.76 1.49 0.00	41.99 1.00 0.00	37.77 0.92 0.00	45.32 1.09 0.00
BETHPAGE_CC_5 323564	46.56 1.32 -8.12	65.35 1.18 -27.76	52.18 0.99 -23.28	64.79 1.02 -36.82	74.11 1.03 -44.82	114.34 1.07 -83.19	92.11 1.72 -53.63	95.22 0.96 -76.20	64.61 3.03 0.00	55.70 2.21 0.00	51.52 2.06 0.00	40.93 1.60 0.00	40.95 1.36 0.00	41.67 1.68 0.00	39.30 1.78 0.00	38.72 1.63 0.00	44.40 2.16 0.00	53.31 2.76 -0.24	96.52 4.77 -5.35	87.81 4.29 0.00	56.66 2.40 0.00	42.81 1.82 0.00	38.67 1.82 0.00	46.00 1.78 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.23 -2.41 -1.51	39.41 -2.16 -5.17	30.54 -1.71 -4.33	32.11 -1.70 -6.85	34.99 -1.61 -8.34	43.89 -1.67 -15.48	44.58 -1.92 -9.74	31.08 -1.13 -14.16	58.16 -3.42 0.00	50.78 -3.02 -0.31	47.44 -2.21 -0.18	37.99 -1.33 0.00	38.54 -1.05 0.00	38.67 -1.32 0.00	36.14 -1.38 0.00	34.86 -1.62 0.61	40.80 -1.44 0.00	48.48 -1.83 0.00	83.12 -3.28 0.00	81.00 -2.52 0.00	52.86 -1.41 0.00	39.33 -1.66 0.00	35.27 -1.58 0.00	42.32 -1.90 0.00

BINGHAMTON___COGEN 23790	39.05 -0.78 -2.70	44.89 -0.75 -9.23	35.04 -0.61 -7.74	38.67 -0.52 -12.24	42.63 -0.54 -14.91	57.25 -0.49 -27.66	54.06 -0.53 -17.83	43.21 -0.22 -25.38	60.78 -0.80 0.00	52.65 -0.84 0.00	48.87 -0.60 0.00	38.96 -0.37 0.00	39.36 -0.22 0.00	39.49 -0.49 0.00	37.09 -0.43 0.00	36.52 -0.57 0.00	41.65 -0.59 0.00	49.95 -0.47 -0.11	88.19 -0.66 -2.45	82.96 -0.56 0.00	53.81 -0.46 0.00	40.41 -0.58 0.00	36.30 -0.56 0.00	43.40 -0.82 0.00
BIXINCNT_115KV_LOAD 355685	36.52 -2.20 -1.59	39.90 -1.95 -5.45	30.87 -1.61 -4.56	32.62 -1.55 -7.22	35.56 -1.48 -8.79	44.90 -1.49 -16.31	45.32 -1.83 -10.38	32.04 -0.95 -14.95	58.76 -2.83 0.00	51.23 -2.56 -0.31	48.13 -1.51 -0.18	38.43 -0.89 0.00	38.97 -0.62 0.00	38.97 -1.01 0.00	36.03 -1.49 0.00	35.04 -1.71 0.33	41.37 -0.87 0.00	49.50 -0.87 -0.06	86.25 -1.46 -1.31	82.65 -0.87 0.00	53.31 -0.96 0.00	39.35 -1.64 0.00	35.24 -1.61 0.00	42.07 -2.16 0.00
BLACK RIVER___HYD 24047	40.02 2.31 -0.60	40.68 2.24 -2.04	31.13 1.51 -1.70	30.90 1.26 -2.70	33.10 1.56 -3.29	37.93 1.76 -6.09	42.47 1.78 -3.93	24.19 0.87 -5.27	65.79 4.20 0.00	64.76 4.41 -6.86	57.18 3.80 -3.92	41.78 2.45 0.00	42.01 2.43 0.00	42.55 2.57 0.00	39.88 2.36 0.00	39.05 1.97 0.00	45.00 2.75 0.00	53.82 3.51 0.00	89.67 3.26 0.00	87.70 4.18 0.00	56.56 2.29 0.00	42.43 1.44 0.00	37.88 1.03 0.00	45.66 1.44 0.00
BLACKRVR_115KV_TB2 79977	40.02 2.31 -0.60	40.68 2.24 -2.04	31.13 1.51 -1.70	30.90 1.26 -2.70	33.10 1.56 -3.29	37.93 1.76 -6.09	42.47 1.78 -3.93	24.19 0.87 -5.27	65.79 4.20 0.00	64.76 4.42 -6.86	57.18 3.80 -3.92	41.78 2.45 0.00	42.01 2.43 0.00	42.55 2.56 0.00	39.88 2.36 0.00	39.06 1.97 0.00	45.00 2.75 0.00	53.82 3.51 0.00	89.66 3.26 0.00	87.70 4.18 0.00	56.56 2.29 0.00	42.43 1.44 0.00	37.88 1.03 0.00	45.67 1.44 0.00
BLISS_WT_PWR 323608	36.43 -2.29 -1.59	39.82 -2.03 -5.45	30.80 -1.68 -4.56	32.54 -1.63 -7.22	35.49 -1.56 -8.79	44.84 -1.55 -16.31	45.20 -1.94 -10.38	32.01 -0.99 -14.95	58.65 -2.93 0.00	51.08 -2.72 -0.31	48.05 -1.59 -0.18	38.36 -0.96 0.00	38.89 -0.70 0.00	38.90 -1.09 0.00	35.86 -1.67 0.00	34.89 -1.87 0.33	41.39 -0.86 0.00	49.55 -0.82 -0.06	86.33 -1.37 -1.31	82.70 -0.82 0.00	53.20 -1.07 0.00	39.16 -1.82 0.00	35.06 -1.80 0.00	41.80 -2.43 0.00
BLUESTONE___WT_PWR 323821	39.50 -0.52 -2.90	45.73 -0.58 -9.90	36.21 -0.01 -8.30	40.07 -0.02 -13.14	44.37 0.12 -15.99	60.04 0.28 -29.68	56.47 0.58 -19.13	45.51 0.23 -27.22	62.12 0.53 0.00	54.45 0.96 0.00	50.30 0.84 0.00	39.73 0.40 0.00	40.33 0.74 0.00	39.92 -0.06 0.00	37.94 0.41 0.00	37.22 0.13 0.00	41.82 -0.42 0.00	49.65 -0.86 -0.20	89.37 -1.51 -4.48	82.53 -0.99 0.00	53.12 -1.15 0.00	39.62 -1.37 0.00	35.53 -1.32 0.00	42.49 -1.73 0.00
BLUE_CIRC_CHEM_DRP 24182	48.06 1.22 -9.71	70.84 1.23 -33.20	56.70 0.95 -27.83	71.91 0.93 -44.03	82.85 0.99 -53.60	130.58 1.03 -99.48	102.13 1.24 -64.13	109.72 0.61 -91.06	63.51 1.93 0.00	55.06 1.57 0.00	50.90 1.44 0.00	40.39 1.06 0.00	40.53 0.94 0.00	40.97 0.99 0.00	38.29 0.76 0.00	38.02 0.94 0.00	43.38 1.14 0.00	52.77 1.62 -0.84	107.94 2.87 -18.66	86.09 2.57 0.00	55.85 1.58 0.00	42.19 1.20 0.00	37.93 1.08 0.00	45.59 1.37 0.00
BOC_GAS_DRP 24189	47.68 0.75 -9.81	70.72 0.76 -33.55	56.64 0.59 -28.13	72.03 0.57 -44.51	83.03 0.60 -54.18	131.26 0.63 -100.55	102.37 0.79 -64.82	110.52 0.43 -92.04	62.93 1.34 0.00	54.60 1.11 0.00	50.48 1.02 0.00	40.10 0.77 0.00	40.26 0.68 0.00	40.68 0.69 0.00	38.13 0.60 0.00	37.75 0.67 0.00	43.04 0.79 0.00	52.21 1.10 -0.80	106.21 2.04 -17.77	85.28 1.76 0.00	55.34 1.07 0.00	41.81 0.82 0.00	37.61 0.76 0.00	45.14 0.91 0.00
BOONVILLE_115KV_TB1 79983	39.14 1.65 -0.36	39.24 1.59 -1.25	30.11 1.15 -1.05	29.64 1.03 -1.66	31.46 1.18 -2.02	35.15 1.32 -3.75	40.65 1.47 -2.42	21.67 0.99 -2.63	66.21 4.62 0.00	67.62 4.43 -9.70	59.04 4.03 -5.55	42.17 2.84 0.00	42.38 2.79 0.00	42.74 2.75 0.00	39.20 1.67 0.00	38.56 1.48 0.00	44.09 1.85 0.00	52.66 2.35 0.00	89.29 2.89 0.00	86.78 3.25 0.00	56.25 1.98 0.00	42.27 1.29 0.00	37.86 1.01 0.00	45.52 1.30 0.00
BORALEX_4TH_BRANCH 23824	48.79 1.85 -9.82	71.94 1.95 -33.58	57.57 1.50 -28.16	72.92 1.43 -44.54	83.99 1.51 -54.22	132.17 1.47 -100.63	103.25 1.62 -64.87	111.08 0.83 -92.20	64.19 2.60 0.00	55.67 2.18 0.00	51.63 2.16 0.00	40.85 1.52 0.00	40.91 1.33 0.00	41.48 1.49 0.00	38.83 1.31 0.00	38.49 1.41 0.00	44.14 1.90 0.00	54.54 2.41 -1.82	131.12 4.32 -40.41	87.23 3.70 0.00	56.47 2.20 0.00	42.75 1.76 0.00	38.53 1.68 0.00	46.56 2.34 0.00
BOWLINE___1 23526	45.31 0.39 -7.79	63.37 0.31 -26.65	50.51 0.25 -22.34	62.58 0.28 -35.35	71.60 0.31 -43.02	110.48 0.55 -79.85	89.21 0.97 -51.48	91.76 0.57 -73.15	63.19 1.61 0.00	54.69 1.20 0.00	50.69 1.23 0.00	40.27 0.94 0.00	40.39 0.80 0.00	40.81 0.82 0.00	38.36 0.84 0.00	37.90 0.82 0.00	43.09 0.85 0.00	51.94 1.40 -0.23	94.37 2.86 -5.11	86.03 2.51 0.00	55.74 1.47 0.00	42.09 1.10 0.00	37.89 1.04 0.00	45.24 1.02 0.00
BOWLINE___2 23595	45.32 0.41 -7.79	63.37 0.32 -26.65	50.52 0.26 -22.35	62.58 0.28 -35.35	71.60 0.31 -43.03	110.45 0.51 -79.86	89.16 0.92 -51.48	91.74 0.54 -73.15	63.10 1.52 0.00	54.63 1.14 0.00	50.64 1.17 0.00	40.24 0.91 0.00	40.37 0.78 0.00	40.78 0.79 0.00	38.33 0.80 0.00	37.86 0.77 0.00	43.03 0.78 0.00	51.86 1.32 -0.23	94.23 2.71 -5.11	85.89 2.36 0.00	55.65 1.38 0.00	42.03 1.04 0.00	37.83 0.98 0.00	45.21 0.99 0.00
BRADY___115KV_TB2 356060	44.93 7.48 -0.32	44.73 7.22 -1.10	34.19 5.35 -0.92	33.46 5.05 -1.46	35.58 5.54 -1.78	39.09 5.71 -3.30	43.27 4.39 -2.13	22.99 2.26 -2.69	73.00 11.41 0.00	79.12 9.94 -15.69	68.09 9.65 -8.97	46.80 7.47 0.00	46.96 7.37 0.00	47.56 7.57 0.00	44.50 6.98 0.00	43.47 6.38 0.00	49.78 7.54 0.00	58.98 8.67 0.00	92.64 6.24 0.00	96.27 12.75 0.00	62.22 7.95 0.00	47.13 6.15 0.00	43.21 6.36 0.00	52.26 8.03 0.00
BRANSCOMB___SOLAR 323811	49.76 2.56 -10.08	73.41 2.54 -34.47	58.76 1.94 -28.90	74.54 1.88 -45.71	85.92 2.01 -55.65	135.43 2.08 -103.28	105.96 2.62 -66.58	114.01 1.31 -94.64	65.77 4.18 0.00	57.04 3.55 0.00	52.58 3.11 0.00	41.70 2.37 0.00	41.97 2.38 0.00	42.40 2.42 0.00	39.49 1.97 0.00	39.35 2.26 0.00	45.22 2.97 0.00	56.59 3.91 -2.37	145.87 6.88 -52.58	89.85 6.33 0.00	58.13 3.86 0.00	43.84 2.86 0.00	39.38 2.53 0.00	47.33 3.11 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	47.23 1.99 -8.12	65.95 1.78 -27.76	52.66 1.46 -23.28	65.29 1.51 -36.82	74.65 1.57 -44.82	114.91 1.64 -83.19	92.84 2.45 -53.63	95.55 1.30 -76.20	65.69 4.11 0.00	56.45 2.97 0.00	52.17 2.70 0.00	41.28 1.96 0.00	41.26 1.68 0.00	42.04 2.06 0.00	39.76 2.23 0.00	39.16 2.08 0.00	44.94 2.69 0.00	54.06 3.51 -0.24	97.86 6.11 -5.35	89.33 5.81 0.00	57.67 3.40 0.00	43.42 2.43 0.00	39.14 2.29 0.00	46.50 2.28 0.00



BRISTLHL_115KV_TB1 79998	37.35 -0.64 -0.87	38.72 -0.66 -2.98	29.89 -0.52 -2.49	30.40 -0.49 -3.94	32.57 -0.49 -4.80	38.59 -0.40 -8.91	42.16 -0.35 -5.75	26.10 -0.15 -8.19	60.97 -0.62 0.00	54.19 -0.56 -1.26	49.67 -0.52 -0.72	38.92 -0.41 0.00	39.21 -0.38 0.00	39.43 -0.55 0.00	37.11 -0.42 0.00	36.64 -0.45 0.00	41.99 -0.25 0.00	50.17 -0.14 0.00	85.96 -0.44 0.00	83.20 -0.32 0.00	53.93 -0.34 0.00	40.53 -0.45 0.00	36.29 -0.56 0.00	43.47 -0.75 0.00
BROOKHAVEN___DRP 24191	47.19 1.95 -8.12	65.90 1.73 -27.76	52.64 1.44 -23.28	65.27 1.49 -36.82	74.61 1.53 -44.82	114.89 1.62 -83.19	92.78 2.39 -53.63	95.52 1.26 -76.20	65.48 3.90 0.00	56.22 2.74 0.00	51.83 2.36 0.00	40.96 1.64 0.00	40.85 1.26 0.00	41.69 1.71 0.00	39.52 2.00 0.00	38.88 1.80 0.00	44.66 2.42 0.00	53.79 3.23 -0.24	97.31 5.56 -5.35	88.99 5.47 0.00	57.41 3.14 0.00	43.23 2.24 0.00	38.96 2.11 0.00	46.27 2.05 0.00
BROOKLYN_NAVY_YARD 23515	46.12 0.87 -8.12	64.91 0.73 -27.77	51.78 0.58 -23.28	64.35 0.57 -36.83	73.69 0.59 -44.83	114.01 0.73 -83.21	91.74 1.34 -53.64	95.08 0.82 -76.22	64.16 2.58 0.00	55.56 2.07 0.00	51.29 1.83 0.00	40.84 1.51 0.00	40.93 1.34 0.00	41.30 1.31 0.00	38.86 1.33 0.00	38.43 1.35 0.00	43.69 1.44 0.00	52.61 2.06 -0.24	95.60 3.85 -5.35	86.90 3.37 0.00	56.29 2.01 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.51 1.29 0.00
BROOKLYN___ARMY_DRP 323595	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	111.26 2.04 -66.98	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
BROOKVLE_69_KV_TB1 55790	46.87 1.63 -8.12	65.67 1.50 -27.76	52.39 1.20 -23.28	64.98 1.21 -36.82	74.32 1.24 -44.82	114.64 1.37 -83.19	92.48 2.09 -53.63	95.40 1.15 -76.20	65.27 3.68 0.00	56.30 2.82 0.00	51.95 2.49 0.00	41.32 1.99 0.00	41.35 1.76 0.00	42.03 2.05 0.00	39.61 2.08 0.00	39.06 1.98 0.00	44.66 2.41 0.00	53.65 3.10 -0.24	97.30 5.55 -5.35	88.58 5.06 0.00	57.26 2.99 0.00	43.21 2.22 0.00	38.93 2.07 0.00	46.30 2.08 0.00
BROOME_2_LFGE 323671	39.04 -0.78 -2.70	44.88 -0.76 -9.23	35.04 -0.61 -7.74	38.67 -0.53 -12.24	42.63 -0.54 -14.91	57.25 -0.49 -27.66	54.06 -0.53 -17.83	43.21 -0.22 -25.38	60.78 -0.81 0.00	52.65 -0.84 0.00	48.87 -0.60 0.00	38.96 -0.37 0.00	39.36 -0.22 0.00	39.49 -0.49 0.00	37.10 -0.43 0.00	36.52 -0.57 0.00	41.65 -0.59 0.00	49.95 -0.47 -0.11	88.19 -0.66 -2.45	82.96 -0.56 0.00	53.82 -0.45 0.00	40.41 -0.58 0.00	36.30 -0.56 0.00	43.40 -0.82 0.00
BROOME___LFGE 323600	39.04 -0.78 -2.70	44.88 -0.76 -9.23	35.04 -0.61 -7.74	38.67 -0.53 -12.24	42.63 -0.54 -14.91	57.25 -0.49 -27.66	54.06 -0.53 -17.83	43.21 -0.22 -25.38	60.78 -0.81 0.00	52.65 -0.84 0.00	48.87 -0.60 0.00	38.96 -0.37 0.00	39.36 -0.22 0.00	39.49 -0.49 0.00	37.10 -0.43 0.00	36.52 -0.57 0.00	41.65 -0.59 0.00	49.95 -0.47 -0.11	88.19 -0.66 -2.45	82.96 -0.56 0.00	53.82 -0.45 0.00	40.41 -0.58 0.00	36.30 -0.56 0.00	43.40 -0.82 0.00
BROWNFLS_115KV_TB_3_5 80003	41.71 4.19 -0.39	41.78 4.03 -1.34	31.95 2.91 -1.13	31.39 2.66 -1.78	33.43 3.01 -2.17	37.17 3.06 -4.03	41.36 2.00 -2.60	22.44 1.11 -3.28	68.37 6.78 0.00	72.50 6.43 -12.59	62.80 6.14 -7.19	43.89 4.56 0.00	44.10 4.51 0.00	44.63 4.64 0.00	41.62 4.09 0.00	40.58 3.49 0.00	46.23 3.98 0.00	54.73 4.42 0.00	88.02 1.62 0.00	89.26 5.74 0.00	57.79 3.52 0.00	43.67 2.68 0.00	39.69 2.83 0.00	48.07 3.85 0.00
BROWNSV1_27_KV_LOAD 356125	46.54 1.29 -8.12	65.32 1.15 -27.77	52.11 0.91 -23.28	64.67 0.88 -36.83	74.00 0.92 -44.83	114.37 1.08 -83.21	92.17 1.77 -53.64	95.28 1.02 -76.22	64.84 3.26 0.00	56.13 2.65 0.00	51.90 2.43 0.00	41.31 1.99 0.00	41.39 1.80 0.00	41.80 1.82 0.00	39.32 1.79 0.00	38.85 1.77 0.00	44.21 1.97 0.00	53.20 2.65 -0.24	96.63 4.87 -5.35	87.91 4.39 0.00	56.96 2.69 0.00	43.01 2.02 0.00	38.67 1.82 0.00	46.05 1.82 0.00
BURROWS___LYONSDAL 23803	39.36 1.85 -0.38	39.51 1.79 -1.31	30.28 1.26 -1.10	29.80 1.11 -1.74	31.69 1.30 -2.12	35.46 1.44 -3.94	40.80 1.50 -2.54	21.86 0.94 -2.87	66.21 4.62 0.00	67.74 4.55 -9.70	59.16 4.15 -5.54	42.25 2.92 0.00	42.46 2.87 0.00	42.82 2.84 0.00	39.44 1.92 0.00	38.73 1.65 0.00	44.27 2.02 0.00	52.83 2.52 0.00	89.09 2.69 0.00	86.83 3.30 0.00	56.27 2.00 0.00	42.25 1.26 0.00	37.83 0.98 0.00	45.56 1.34 0.00
CAITHNESS_CC_1 323624	47.10 1.86 -8.12	65.82 1.65 -27.76	52.57 1.38 -23.28	65.20 1.42 -36.82	74.55 1.46 -44.82	114.81 1.54 -83.19	92.68 2.29 -53.63	95.47 1.22 -76.20	65.35 3.76 0.00	56.11 2.63 0.00	51.77 2.31 0.00	40.93 1.60 0.00	40.84 1.25 0.00	41.66 1.67 0.00	39.46 1.94 0.00	38.84 1.76 0.00	44.60 2.35 0.00	53.68 3.13 -0.24	97.16 5.40 -5.35	88.83 5.30 0.00	57.29 3.02 0.00	43.15 2.17 0.00	38.90 2.05 0.00	46.20 1.97 0.00
CALPINE BETH_PAGE_GT4 24209	46.49 1.25 -8.12	65.27 1.10 -27.76	52.11 0.92 -23.28	64.72 0.95 -36.82	74.04 0.96 -44.82	114.29 1.03 -83.19	92.04 1.65 -53.63	95.18 0.93 -76.20	64.50 2.92 0.00	55.60 2.12 0.00	51.51 2.04 0.00	40.91 1.58 0.00	40.93 1.34 0.00	41.65 1.66 0.00	39.28 1.75 0.00	38.70 1.61 0.00	44.23 1.99 0.00	53.14 2.59 -0.24	96.29 4.54 -5.35	87.65 4.13 0.00	56.57 2.30 0.00	42.72 1.74 0.00	38.63 1.78 0.00	45.96 1.74 0.00
CALPINE_BETH_PAGE_GT_4 323586	46.49 1.25 -8.12	65.27 1.10 -27.76	52.11 0.92 -23.28	64.72 0.95 -36.82	74.04 0.96 -44.82	114.29 1.03 -83.19	92.04 1.65 -53.63	95.18 0.93 -76.20	64.51 2.92 0.00	55.61 2.12 0.00	51.51 2.04 0.00	40.91 1.58 0.00	40.93 1.35 0.00	41.64 1.66 0.00	39.28 1.75 0.00	38.69 1.61 0.00	44.24 1.99 0.00	53.13 2.59 -0.24	96.29 4.54 -5.35	87.65 4.13 0.00	56.57 2.30 0.00	42.73 1.74 0.00	38.63 1.78 0.00	45.96 1.74 0.00
CALPINE_BP_GT1 23823	46.49 1.25 -8.12	65.27 1.10 -27.76	52.11 0.92 -23.28	64.72 0.95 -36.82	74.04 0.96 -44.82	114.29 1.03 -83.19	92.04 1.65 -53.63	95.18 0.93 -76.20	64.51 2.92 0.00	55.61 2.12 0.00	51.51 2.04 0.00	40.91 1.58 0.00	40.93 1.35 0.00	41.64 1.66 0.00	39.28 1.75 0.00	38.69 1.61 0.00	44.24 1.99 0.00	53.13 2.59 -0.24	96.29 4.54 -5.35	87.65 4.13 0.00	56.57 2.30 0.00	42.73 1.74 0.00	38.63 1.78 0.00	45.96 1.74 0.00
CALSPAN___DRP 24200	36.04 -2.58 -1.49	39.19 -2.32 -5.11	30.37 -1.83 -4.28	31.91 -1.81 -6.77	34.77 -1.73 -8.24	43.57 -1.81 -15.30	44.28 -2.08 -9.60	30.81 -1.22 -13.98	57.83 -3.75 0.00	50.49 -3.31 -0.31	47.17 -2.48 -0.18	37.81 -1.52 0.00	38.33 -1.25 0.00	38.47 -1.51 0.00	35.98 -1.55 0.00	34.66 -1.77 0.65	40.60 -1.65 0.00	48.22 -2.09 0.00	82.65 -3.75 0.00	80.53 -2.99 0.00	52.58 -1.69 0.00	39.15 -1.84 0.00	35.10 -1.75 0.00	42.14 -2.08 0.00

CALVERTON___SOLAR 323806	47.29 2.05 -8.12	65.98 1.81 -27.76	52.72 1.52 -23.28	65.35 1.57 -36.82	74.69 1.61 -44.82	114.97 1.71 -83.19	92.90 2.51 -53.63	95.56 1.31 -76.20	65.62 4.03 0.00	56.29 2.81 0.00	51.87 2.40 0.00	40.96 1.64 0.00	40.85 1.26 0.00	41.69 1.71 0.00	39.54 2.02 0.00	38.89 1.81 0.00	44.69 2.44 0.00	53.86 3.31 -0.24	97.43 5.68 -5.35	89.14 5.62 0.00	57.49 3.21 0.00	43.28 2.29 0.00	39.00 2.15 0.00	46.31 2.08 0.00
CANDIGU_WT_PWR 323617	36.25 -2.83 -1.95	40.42 -2.65 -6.66	31.44 -2.07 -5.59	33.97 -1.82 -8.84	37.14 -1.88 -10.76	48.05 -2.00 -19.97	43.63 -2.53 -9.39	34.32 -1.20 -17.47	57.66 -3.93 0.00	49.93 -3.85 -0.29	46.41 -3.22 -0.17	37.21 -2.12 0.00	37.91 -1.68 0.00	37.86 -2.12 0.00	35.57 -1.95 0.00	25.71 -2.70 8.67	39.51 -2.72 0.01	47.95 -2.43 -0.07	83.87 -4.15 -1.62	79.52 -4.01 0.00	51.21 -3.06 0.00	38.08 -2.91 0.00	34.01 -2.84 0.01	40.65 -3.57 0.00
CARR STREET_E_SYR 24060	36.75 -1.29 -0.92	38.26 -1.28 -3.13	29.55 -0.99 -2.63	30.18 -0.93 -4.16	32.34 -0.98 -5.06	38.51 -0.97 -9.39	41.77 -1.04 -6.05	26.28 -0.48 -8.71	59.75 -1.84 0.00	52.38 -1.68 -0.58	48.30 -1.50 -0.33	38.17 -1.15 0.00	38.46 -1.13 0.00	38.70 -1.28 0.00	36.39 -1.13 0.00	35.95 -1.13 0.00	41.11 -1.14 0.00	49.04 -1.27 0.00	84.24 -2.16 0.00	81.47 -2.05 0.00	52.89 -1.38 0.00	39.90 -1.09 0.00	35.81 -1.05 0.00	42.89 -1.33 0.00
CARTHAGE___PAPER 23857	40.56 2.90 -0.54	41.06 2.80 -1.85	31.41 1.94 -1.56	31.10 1.69 -2.46	33.27 2.01 -2.99	37.83 2.20 -5.56	42.44 2.09 -3.58	23.83 1.07 -4.72	66.81 5.22 0.00	66.72 5.28 -7.95	58.72 4.71 -4.54	42.57 3.25 0.00	42.77 3.18 0.00	43.29 3.30 0.00	40.46 2.93 0.00	39.59 2.50 0.00	45.47 3.22 0.00	54.24 3.93 0.00	89.96 3.56 0.00	88.43 4.91 0.00	57.13 2.86 0.00	42.90 1.91 0.00	38.41 1.56 0.00	46.36 2.14 0.00
CASSADAGA_WT_PWR 323784	35.79 -2.90 -1.57	39.21 -2.56 -5.37	30.50 -1.92 -4.50	32.22 -1.85 -7.12	34.93 -1.99 -8.66	44.06 -2.09 -16.08	44.44 -2.53 -10.22	31.38 -1.40 -14.73	57.13 -4.46 0.00	50.38 -3.42 -0.31	47.52 -2.12 -0.18	38.42 -0.90 0.00	38.69 -0.90 0.00	38.43 -1.55 0.00	35.96 -1.57 0.00	35.01 -1.70 0.37	41.59 -0.65 0.00	49.99 -0.32 0.00	85.58 -0.82 0.00	82.42 -1.11 0.00	52.86 -1.41 0.00	38.77 -2.22 0.00	34.33 -2.53 0.00	41.00 -3.22 0.00
CE_DUNWOOD___DRP 24194	46.12 0.90 -8.10	64.89 0.78 -27.71	51.77 0.62 -23.23	64.32 0.62 -36.75	73.64 0.65 -44.74	113.91 0.79 -83.03	91.59 1.31 -53.53	94.87 0.76 -76.06	63.96 2.37 0.00	55.35 1.86 0.00	51.17 1.71 0.00	40.69 1.36 0.00	40.79 1.20 0.00	41.22 1.24 0.00	38.75 1.22 0.00	38.32 1.23 0.00	43.62 1.37 0.00	52.49 1.94 -0.24	95.43 3.68 -5.35	86.80 3.28 0.00	56.22 1.95 0.00	42.46 1.47 0.00	38.21 1.35 0.00	45.56 1.33 0.00
CE_MILLWOOD___DRP 24193	45.87 0.75 -8.00	64.41 0.65 -27.35	51.37 0.53 -22.93	63.75 0.52 -36.28	72.96 0.54 -44.16	112.75 0.72 -81.96	90.78 1.19 -52.84	93.81 0.69 -75.07	63.67 2.08 0.00	55.10 1.62 0.00	50.98 1.52 0.00	40.52 1.20 0.00	40.63 1.05 0.00	41.06 1.07 0.00	38.60 1.07 0.00	38.16 1.07 0.00	43.42 1.18 0.00	52.28 1.73 -0.24	95.04 3.37 -5.27	86.51 2.99 0.00	56.04 1.77 0.00	42.33 1.34 0.00	38.08 1.23 0.00	45.44 1.22 0.00
CE_NYC2_DRP 24202	46.32 1.08 -8.12	65.08 0.90 -27.77	51.96 0.76 -23.29	64.51 0.73 -36.83	73.84 0.75 -44.84	114.19 0.90 -83.21	91.91 1.51 -53.64	95.16 0.89 -76.22	64.49 2.90 -0.01	55.80 2.32 0.00	51.63 2.17 0.00	41.11 1.78 -0.01	41.21 1.61 -0.01	41.59 1.60 0.00	39.12 1.59 0.00	38.63 1.55 0.00	46.28 1.73 -2.30	52.90 2.34 -0.24	96.05 4.29 -5.36	87.45 3.93 0.00	56.60 2.33 0.00	42.76 1.77 0.00	38.46 1.61 0.00	45.78 1.56 0.00
CE_NYC_DRP 24195	46.18 0.94 -8.12	64.98 0.80 -27.77	51.84 0.64 -23.28	64.41 0.63 -36.83	73.74 0.64 -44.83	114.07 0.78 -83.21	91.77 1.38 -53.64	95.09 0.83 -76.22	64.18 2.59 0.00	55.57 2.08 0.00	51.39 1.93 0.00	40.90 1.58 0.00	41.00 1.41 0.00	41.41 1.42 0.00	38.94 1.42 0.00	38.50 1.41 0.00	43.79 1.54 0.00	52.67 2.12 -0.24	95.71 3.95 -5.35	87.00 3.47 0.00	56.35 2.08 0.00	42.57 1.58 0.00	38.30 1.45 0.00	45.61 1.38 0.00
CHAFFEE___LFGE 323603	36.37 -2.29 -1.54	39.63 -2.05 -5.27	30.70 -1.63 -4.42	32.31 -1.63 -7.00	35.25 -1.52 -8.52	44.32 -1.56 -15.80	45.00 -1.76 -9.99	31.47 -1.05 -14.47	58.41 -3.18 0.00	50.94 -2.85 -0.31	47.57 -2.07 -0.18	38.11 -1.22 0.00	38.62 -0.96 0.00	38.78 -1.20 0.00	36.24 -1.28 0.00	35.08 -1.52 0.49	40.88 -1.36 0.00	48.64 -1.67 0.00	83.43 -2.97 0.00	81.25 -2.27 0.00	53.03 -1.24 0.00	39.52 -1.47 0.00	35.42 -1.43 0.00	42.49 -1.74 0.00
CHATEAUG_35_KV_LOAD 355732	38.51 1.39 0.00	37.63 1.22 0.00	28.78 0.86 0.00	27.72 0.76 0.00	29.10 0.84 0.00	30.94 0.86 0.00	37.53 0.76 0.00	18.34 0.29 0.00	63.12 1.53 0.00	51.96 1.41 2.94	48.95 1.16 1.68	40.38 1.05 0.00	40.79 1.20 0.00	41.59 1.60 0.00	38.78 1.26 0.00	38.56 1.47 0.00	43.87 1.63 0.00	51.84 1.53 0.00	88.25 1.85 0.00	85.99 2.47 0.00	55.78 1.51 0.00	42.29 1.30 0.00	38.20 1.35 0.00	46.12 1.90 0.00
CHATEAUG_WT_PWR 323614	38.22 1.10 0.00	37.32 0.91 0.00	28.55 0.64 0.00	27.52 0.57 0.00	28.89 0.63 0.00	30.69 0.62 0.00	37.33 0.57 0.00	18.26 0.21 0.00	62.77 1.18 0.00	52.82 1.16 1.82	49.41 0.99 1.04	40.15 0.82 0.00	40.55 0.96 0.00	41.34 1.36 0.00	38.54 1.02 0.00	38.29 1.21 0.00	43.58 1.34 0.00	51.58 1.27 0.00	88.03 1.63 0.00	85.53 2.01 0.00	55.53 1.26 0.00	42.07 1.09 0.00	37.97 1.12 0.00	45.84 1.62 0.00
CHAT_HIGH_FALL_HYD 323578	38.51 1.39 0.00	37.63 1.22 0.00	28.78 0.86 0.00	27.72 0.76 0.00	29.10 0.84 0.00	30.94 0.86 0.00	37.53 0.76 0.00	18.34 0.29 0.00	63.12 1.53 0.00	51.96 1.41 2.94	48.95 1.16 1.68	40.38 1.05 0.00	40.79 1.20 0.00	41.59 1.60 0.00	38.78 1.26 0.00	38.56 1.47 0.00	43.87 1.63 0.00	51.84 1.53 0.00	88.25 1.85 0.00	85.99 2.47 0.00	55.78 1.51 0.00	42.29 1.30 0.00	38.20 1.35 0.00	46.12 1.90 0.00
CHAUTAUQUA___LFGE 323629	35.99 -2.67 -1.54	39.27 -2.39 -5.26	30.45 -1.87 -4.41	32.14 -1.78 -6.97	34.94 -1.81 -8.49	43.99 -1.84 -15.75	44.49 -2.22 -9.94	31.23 -1.24 -14.41	57.67 -3.92 0.00	50.43 -3.37 -0.31	47.20 -2.45 -0.18	38.01 -1.32 0.00	38.47 -1.12 0.00	38.38 -1.61 0.00	35.91 -1.62 0.00	34.76 -1.80 0.52	40.96 -1.28 0.00	49.10 -1.21 0.00	84.25 -2.15 0.00	81.66 -1.87 0.00	52.82 -1.45 0.00	39.01 -1.98 0.00	34.79 -2.06 0.00	41.63 -2.59 0.00
CHERRYST_13_KV_LD 356241	46.28 1.04 -8.12	65.08 0.91 -27.77	51.91 0.72 -23.28	64.48 0.70 -36.83	73.82 0.72 -44.83	114.15 0.87 -83.21	91.89 1.49 -53.64	95.16 0.89 -76.22	64.41 2.82 0.00	55.78 2.29 0.00	51.58 2.12 0.00	41.06 1.73 0.00	41.15 1.56 0.00	41.56 1.58 0.00	39.09 1.56 0.00	38.64 1.56 0.00	43.95 1.71 0.00	52.86 2.31 -0.24	95.99 4.24 -5.35	87.27 3.75 0.00	56.52 2.25 0.00	42.68 1.69 0.00	38.40 1.55 0.00	45.72 1.50 0.00

CHESTROR_138KV_BK263 355645	45.14 0.55 -7.47	62.41 0.46 -25.54	49.71 0.38 -21.41	61.20 0.38 -33.88	69.89 0.40 -41.23	107.18 0.58 -76.53	87.04 0.94 -49.34	88.69 0.54 -70.10	63.14 1.55 0.00	54.61 1.12 0.00	50.57 1.11 0.00	40.16 0.83 0.00	40.37 0.78 0.00	40.76 0.78 0.00	38.30 0.78 0.00	37.87 0.78 0.00	43.05 0.81 0.00	51.86 1.33 -0.22	94.01 2.73 -4.88	85.96 2.44 0.00	55.71 1.44 0.00	42.06 1.08 0.00	37.83 0.98 0.00	45.20 0.97 0.00
CH_MIDHUDSON___DRP 24192	46.41 1.09 -8.20	65.44 1.00 -28.03	52.21 0.79 -23.50	64.90 0.77 -37.18	74.32 0.80 -45.26	115.03 0.94 -84.01	92.34 1.42 -54.15	95.80 0.80 -76.95	64.11 2.52 0.00	55.45 1.96 0.00	51.19 1.73 0.00	40.68 1.35 0.00	40.80 1.21 0.00	41.25 1.26 0.00	38.78 1.25 0.00	38.36 1.27 0.00	43.69 1.45 0.00	52.58 2.03 -0.25	95.75 3.87 -5.48	87.02 3.49 0.00	56.35 2.09 0.00	42.55 1.56 0.00	38.26 1.41 0.00	45.68 1.46 0.00
CH_MISC_IPPS 23765	46.40 1.22 -8.06	65.09 1.13 -27.55	51.90 0.88 -23.10	64.36 0.86 -36.55	73.65 0.91 -44.49	113.74 1.09 -82.57	91.61 1.62 -53.23	94.58 0.90 -75.63	64.39 2.80 0.00	55.66 2.18 0.00	51.40 1.94 0.00	40.83 1.50 0.00	41.00 1.41 0.00	41.45 1.46 0.00	38.98 1.45 0.00	38.54 1.45 0.00	43.88 1.64 0.00	52.85 2.30 -0.24	96.17 4.37 -5.39	87.53 4.01 0.00	56.68 2.41 0.00	42.77 1.79 0.00	38.44 1.59 0.00	45.88 1.66 0.00
CH_RES_BVR_FALLS 23983	37.22 0.10 0.00	36.43 0.02 0.00	27.94 0.03 0.00	26.91 -0.04 0.00	28.25 -0.01 0.00	30.03 -0.05 0.00	36.60 -0.16 0.00	17.89 -0.16 0.00	61.37 -0.22 0.00	52.97 0.09 0.61	49.12 0.00 0.35	39.26 -0.07 0.00	39.56 -0.03 0.00	40.15 0.17 0.00	37.71 0.19 0.00	37.14 0.06 0.00	42.18 -0.07 0.00	50.02 -0.29 0.00	85.63 -0.77 0.00	82.82 -0.70 0.00	54.05 -0.22 0.00	40.83 -0.16 0.00	36.63 -0.22 0.00	44.15 -0.08 0.00
CH_RES_NIAGARA 23895	34.44 -4.09 -1.41	37.43 -3.79 -4.81	29.03 -2.92 -4.03	30.40 -2.93 -6.38	33.17 -2.85 -7.76	41.46 -3.02 -14.40	42.16 -3.54 -8.94	29.19 -2.01 -13.15	55.13 -6.45 0.00	48.04 -5.77 -0.32	44.91 -4.73 -0.18	35.96 -3.37 0.00	36.41 -3.18 0.00	36.66 -3.32 0.00	34.34 -3.18 0.00	32.97 -3.26 0.85	38.79 -3.45 0.00	45.91 -4.40 0.00	78.44 -7.96 0.00	76.49 -7.03 0.00	50.14 -4.13 0.00	37.43 -3.56 0.00	33.65 -3.21 0.00	40.48 -3.74 0.00
CH_RES_SYRACUSE 23985	37.36 -0.76 -1.01	39.06 -0.78 -3.44	30.18 -0.61 -2.88	30.95 -0.56 -4.56	33.23 -0.58 -5.55	39.83 -0.55 -10.30	42.87 -0.52 -6.64	27.32 -0.22 -9.49	60.66 -0.92 0.00	53.19 -0.92 -0.62	49.03 -0.79 -0.36	38.71 -0.61 0.00	38.99 -0.60 0.00	39.22 -0.76 0.00	36.89 -0.63 0.00	36.44 -0.64 0.00	41.68 -0.57 0.00	49.72 -0.59 0.00	85.48 -0.92 0.00	82.66 -0.86 0.00	53.63 -0.64 0.00	40.34 -0.65 0.00	36.18 -0.67 0.00	43.34 -0.88 0.00
CLINTON_WT_PWR 323605	38.22 1.10 0.00	37.32 0.91 0.00	28.55 0.64 0.00	27.52 0.57 0.00	28.89 0.63 0.00	30.69 0.62 0.00	37.33 0.57 0.00	18.26 0.21 0.00	62.77 1.18 0.00	52.82 1.16 1.82	49.41 0.99 1.04	40.15 0.82 0.00	40.55 0.96 0.00	41.34 1.36 0.00	38.54 1.02 0.00	38.29 1.21 0.00	43.58 1.34 0.00	51.58 1.27 0.00	88.03 1.63 0.00	85.53 2.01 0.00	55.53 1.26 0.00	42.07 1.09 0.00	37.97 1.12 0.00	45.84 1.62 0.00
CLINTON___LFGE 323618	39.18 2.06 0.00	38.14 1.73 0.00	29.14 1.22 0.00	28.06 1.11 0.00	29.47 1.21 0.00	31.35 1.27 0.00	38.20 1.44 0.00	18.73 0.68 0.00	64.23 2.64 0.00	53.56 2.27 2.20	50.26 2.05 1.26	40.94 1.61 0.00	41.54 1.95 0.00	42.40 2.42 0.00	39.48 1.95 0.00	39.32 2.24 0.00	44.86 2.61 0.00	53.14 2.83 0.00	90.83 4.43 0.00	88.02 4.49 0.00	57.13 2.86 0.00	43.23 2.25 0.00	38.96 2.11 0.00	47.19 2.97 0.00
COBBLENY_34_KV_TB1 80064	36.37 -2.29 -1.54	39.62 -2.06 -5.27	30.70 -1.64 -4.42	32.32 -1.62 -7.00	35.25 -1.53 -8.52	44.31 -1.57 -15.80	44.99 -1.77 -9.99	31.47 -1.05 -14.47	58.40 -3.19 0.00	50.96 -2.84 -0.31	47.56 -2.08 -0.18	38.11 -1.22 0.00	38.62 -0.97 0.00	38.77 -1.22 0.00	36.24 -1.28 0.00	35.06 -1.53 0.49	40.89 -1.36 0.00	48.63 -1.68 0.00	83.43 -2.97 0.00	81.26 -2.27 0.00	53.03 -1.24 0.00	39.51 -1.47 0.00	35.42 -1.44 0.00	42.48 -1.74 0.00
COFFEEN___115KV_TB3 355620	40.22 2.49 -0.60	40.89 2.41 -2.07	31.29 1.64 -1.73	31.08 1.39 -2.74	33.30 1.71 -3.34	38.19 1.93 -6.19	42.79 2.05 -3.99	24.42 1.01 -5.37	66.16 4.58 0.00	64.85 4.70 -6.67	57.26 3.98 -3.81	41.91 2.58 0.00	42.12 2.53 0.00	42.67 2.69 0.00	40.05 2.52 0.00	39.28 2.20 0.00	45.30 3.05 0.00	54.22 3.92 0.00	90.49 4.92 0.00	88.44 4.92 0.00	57.01 2.74 0.00	42.75 1.77 0.00	38.14 1.29 0.00	45.93 1.71 0.00
COLDSPRG_115KV_BK1 355956	37.01 -1.73 -1.62	40.44 -1.51 -5.54	31.33 -1.23 -4.64	33.18 -1.12 -7.35	36.06 -1.15 -8.94	45.49 -1.18 -16.60	46.17 -1.30 -10.70	32.55 -0.74 -15.24	59.32 -2.27 0.00	52.17 -1.62 -0.31	49.07 -0.57 -0.17	39.39 0.06 0.00	39.80 0.21 0.00	39.65 -0.34 0.00	37.05 -0.48 0.00	36.28 -0.80 0.00	42.10 -0.14 0.00	50.48 0.11 -0.06	87.92 0.18 -1.34	83.91 0.39 0.00	54.26 -0.01 0.00	40.14 -0.84 0.00	35.87 -0.99 0.00	42.84 -1.38 0.00
COLONIE_LFGE___ 323577	48.57 1.46 -9.98	72.04 1.50 -34.14	57.68 1.14 -28.63	73.33 1.10 -45.28	84.55 1.17 -55.12	133.56 1.18 -102.31	104.15 1.44 -65.95	112.55 0.76 -93.75	63.94 2.35 0.00	55.48 1.99 0.00	51.30 1.84 0.00	40.67 1.34 0.00	40.82 1.23 0.00	41.30 1.31 0.00	38.63 1.10 0.00	38.34 1.26 0.00	43.87 1.63 0.00	54.59 2.15 -2.13	137.69 3.91 -47.38	86.93 3.41 0.00	56.32 2.05 0.00	42.57 1.58 0.00	38.29 1.44 0.00	46.07 1.85 0.00
COOPERNY_115KV_TB1 80082	43.55 0.33 -6.10	57.52 0.25 -20.86	45.61 0.21 -17.49	54.84 0.22 -27.67	62.18 0.24 -33.68	92.95 0.37 -62.51	77.68 0.62 -40.30	75.68 0.37 -57.26	62.62 1.03 0.00	54.22 0.74 0.00	50.20 0.74 0.00	39.90 0.58 0.00	40.14 0.55 0.00	40.51 0.52 0.00	38.06 0.53 0.00	37.59 0.51 0.00	42.77 0.52 0.00	51.40 0.91 -0.18	92.31 1.88 -4.03	85.18 1.66 0.00	55.24 0.97 0.00	41.70 0.71 0.00	37.51 0.66 0.00	44.83 0.61 0.00
COPENHAGEN_WT_PWR 323753	39.54 1.79 -0.62	40.29 1.76 -2.12	30.83 1.14 -1.78	30.62 0.86 -2.81	32.83 1.15 -3.43	37.73 1.30 -6.36	42.12 1.26 -4.10	24.18 0.59 -5.54	64.77 3.18 0.00	63.44 3.63 -6.32	56.17 3.10 -3.61	41.19 1.86 0.00	41.50 1.91 0.00	42.02 2.03 0.00	39.39 1.87 0.00	38.50 1.41 0.00	44.38 2.14 0.00	53.10 2.79 0.00	88.50 2.11 0.00	86.33 2.81 0.00	55.70 1.43 0.00	41.78 0.79 0.00	37.25 0.40 0.00	44.98 0.76 0.00
CORNELL_____ 23752	38.93 -0.13 -1.94	42.89 -0.14 -6.63	33.36 -0.11 -5.56	35.69 -0.06 -8.79	38.92 -0.04 -10.70	50.01 0.07 -19.86	49.99 0.27 -12.96	36.50 0.16 -18.29	61.97 0.38 0.00	53.87 0.06 -0.33	49.78 0.13 -0.19	39.41 0.08 0.00	39.57 -0.02 0.00	39.75 -0.24 0.00	37.44 -0.09 0.00	37.37 -0.10 -0.39	42.25 0.00 0.00	50.61 0.22 -0.08	88.96 0.80 -1.76	84.42 0.90 0.00	54.71 0.44 0.00	41.04 0.06 0.00	36.78 -0.07 0.00	43.97 -0.25 0.00

CORONA__69_KV_TB1 355595	46.76 1.52 -8.12	65.53 1.36 -27.76	52.31 1.11 -23.28	64.90 1.13 -36.82	74.21 1.13 -44.82	114.51 1.24 -83.19	92.30 1.91 -53.63	95.31 1.06 -76.20	64.95 3.36 0.00	56.04 2.56 0.00	51.73 2.27 0.00	41.20 1.87 0.00	41.24 1.65 0.00	41.86 1.87 0.00	39.46 1.94 0.00	38.94 1.86 0.00	44.42 2.18 0.00	53.36 2.81 -0.24	96.82 5.07 -5.35	88.10 4.57 0.00	56.96 2.69 0.00	43.09 2.10 0.00	38.82 1.97 0.00	46.20 1.98 0.00
CORTLAND__115KV_TB3 80093	38.39 -0.33 -1.60	41.53 -0.34 -5.47	32.22 -0.28 -4.59	33.98 -0.22 -7.25	36.87 -0.22 -8.83	46.33 -0.13 -16.39	47.30 -0.03 -10.56	33.18 -0.01 -15.14	61.39 -0.20 0.00	53.51 -0.35 -0.37	49.42 -0.26 -0.21	39.11 -0.21 0.00	39.38 -0.21 0.00	39.57 -0.41 0.00	37.29 -0.24 0.00	36.84 -0.24 0.00	42.09 -0.16 0.00	50.40 0.03 -0.06	87.95 0.22 -1.34	83.77 0.25 0.00	54.32 0.05 0.00	40.82 -0.16 0.00	36.62 -0.24 0.00	43.80 -0.42 0.00
COXSACKIE__GT 23611	49.50 2.97 -9.40	71.49 2.93 -32.15	57.11 2.24 -26.96	71.78 2.18 -42.65	82.50 2.33 -51.91	128.98 2.55 -96.35	102.10 3.22 -62.11	107.82 1.57 -88.20	66.86 5.28 0.00	57.69 4.20 0.00	53.23 3.76 0.00	42.20 2.87 0.00	41.90 2.32 0.00	42.68 2.69 0.00	39.83 2.31 0.00	39.40 2.32 0.00	45.33 3.09 0.00	55.25 4.15 -0.78	111.46 7.67 -17.39	90.64 7.11 0.00	58.66 4.39 0.00	44.15 3.16 0.00	39.56 2.71 0.00	47.57 3.35 0.00
CPV_VALLEY__CC1 323721	44.40 0.30 -6.98	60.49 0.20 -23.88	48.12 0.18 -20.02	58.81 0.19 -31.67	67.01 0.20 -38.55	101.97 0.35 -71.55	83.53 0.64 -46.13	83.99 0.40 -65.54	62.67 1.08 0.00	54.25 0.76 0.00	50.23 0.76 0.00	39.93 0.60 0.00	40.12 0.53 0.00	40.50 0.52 0.00	38.07 0.54 0.00	37.62 0.53 0.00	42.78 0.54 0.00	51.46 0.95 -0.20	92.94 2.01 -4.53	85.25 1.73 0.00	55.26 0.99 0.00	41.75 0.76 0.00	37.56 0.71 0.00	44.87 0.65 0.00
CPV_VALLEY__CC2 323722	44.40 0.30 -6.98	60.49 0.20 -23.88	48.12 0.18 -20.02	58.81 0.19 -31.67	67.01 0.20 -38.55	101.97 0.35 -71.55	83.53 0.64 -46.13	83.99 0.40 -65.54	62.67 1.08 0.00	54.25 0.76 0.00	50.23 0.76 0.00	39.93 0.60 0.00	40.12 0.53 0.00	40.50 0.52 0.00	38.07 0.54 0.00	37.62 0.53 0.00	42.78 0.54 0.00	51.46 0.95 -0.20	92.94 2.01 -4.53	85.25 1.73 0.00	55.26 0.99 0.00	41.75 0.76 0.00	37.56 0.71 0.00	44.87 0.65 0.00
CRESCENT__HYD 24018	48.57 1.46 -9.98	72.04 1.50 -34.14	57.68 1.14 -28.63	73.33 1.10 -45.28	84.55 1.17 -55.12	133.56 1.18 -102.31	104.15 1.44 -65.95	112.55 0.76 -93.75	63.94 2.35 0.00	55.48 1.99 0.00	51.30 1.84 0.00	40.67 1.34 0.00	40.82 1.23 0.00	41.30 1.31 0.00	38.63 1.10 0.00	38.34 1.26 0.00	43.87 1.63 0.00	54.59 2.15 -2.13	137.69 3.91 -47.38	86.93 3.41 0.00	56.32 2.05 0.00	42.57 1.58 0.00	38.29 1.44 0.00	46.07 1.85 0.00
CRICKET__VALLEY_CC1 323756	46.41 0.80 -8.49	66.19 0.76 -29.02	52.84 0.59 -24.33	66.01 0.57 -38.49	75.68 0.56 -46.85	117.68 0.64 -86.96	93.80 0.98 -56.06	98.29 0.58 -79.66	63.39 1.81 0.00	54.91 1.42 0.00	50.63 1.16 0.00	40.23 0.90 0.00	40.24 0.65 0.00	40.68 0.70 0.00	38.26 0.73 0.00	37.90 0.82 0.00	43.21 0.97 0.00	52.05 1.45 -0.29	95.74 2.85 -6.49	85.98 2.45 0.00	55.65 1.38 0.00	42.08 1.09 0.00	37.84 0.99 0.00	45.27 1.04 0.00
CRICKET__VALLEY_CC2 323757	46.41 0.80 -8.49	66.19 0.76 -29.02	52.84 0.59 -24.33	66.01 0.57 -38.49	75.68 0.56 -46.85	117.68 0.64 -86.96	93.80 0.98 -56.06	98.29 0.58 -79.66	63.39 1.81 0.00	54.91 1.42 0.00	50.63 1.16 0.00	40.23 0.90 0.00	40.24 0.65 0.00	40.68 0.70 0.00	38.26 0.73 0.00	37.90 0.82 0.00	43.21 0.97 0.00	52.05 1.45 -0.29	95.74 2.85 -6.49	85.98 2.45 0.00	55.65 1.38 0.00	42.08 1.09 0.00	37.84 0.99 0.00	45.27 1.04 0.00
CRICKET__VALLEY_CC3 323758	46.41 0.80 -8.49	66.19 0.76 -29.02	52.84 0.59 -24.33	66.01 0.57 -38.49	75.68 0.56 -46.85	117.68 0.64 -86.96	93.80 0.98 -56.06	98.29 0.58 -79.66	63.39 1.81 0.00	54.91 1.42 0.00	50.63 1.16 0.00	40.23 0.90 0.00	40.24 0.65 0.00	40.68 0.70 0.00	38.26 0.73 0.00	37.90 0.82 0.00	43.21 0.97 0.00	52.05 1.45 -0.29	95.74 2.85 -6.49	85.98 2.45 0.00	55.65 1.38 0.00	42.08 1.09 0.00	37.84 0.99 0.00	45.27 1.04 0.00
CRUCIBLE__METL_DRP 24180	37.36 -0.76 -1.01	39.06 -0.78 -3.44	30.18 -0.61 -2.88	30.95 -0.56 -4.56	33.23 -0.58 -5.55	39.83 -0.55 -10.30	42.87 -0.52 -6.64	27.32 -0.22 -9.49	60.66 -0.93 0.00	53.20 -0.92 -0.62	49.03 -0.79 -0.36	38.71 -0.62 0.00	38.99 -0.60 0.00	39.22 -0.77 0.00	36.89 -0.63 0.00	36.44 -0.64 0.00	41.68 -0.57 0.00	49.72 -0.59 0.00	85.47 -0.93 0.00	82.66 -0.86 0.00	53.63 -0.64 0.00	40.34 -0.65 0.00	36.18 -0.67 0.00	43.34 -0.88 0.00
DAHOWA__HYDRO 323763	50.14 2.93 -10.09	73.82 2.91 -34.50	59.06 2.22 -28.93	74.85 2.14 -45.76	86.26 2.29 -55.70	135.85 2.39 -103.39	106.41 3.00 -66.65	114.29 1.50 -94.74	66.39 4.81 0.00	57.59 4.10 0.00	53.05 3.58 0.00	42.07 2.75 0.00	42.39 2.80 0.00	42.84 2.85 0.00	39.81 2.29 0.00	39.73 2.64 0.00	45.70 3.46 0.00	57.21 4.51 -2.39	147.35 7.93 -53.02	90.85 7.33 0.00	58.74 4.47 0.00	44.30 3.31 0.00	39.76 2.91 0.00	47.77 3.55 0.00
DANC__LFGE 323619	38.60 0.76 -0.71	39.58 0.74 -2.43	30.38 0.43 -2.04	30.44 0.27 -3.22	32.63 0.45 -3.92	37.93 0.57 -7.28	41.99 0.54 -4.69	24.82 0.27 -6.50	63.15 1.57 0.00	59.80 1.87 -4.45	53.58 1.57 -2.54	40.20 0.88 0.00	40.50 0.91 0.00	40.89 0.91 0.00	38.40 0.87 0.00	37.68 0.60 0.00	43.34 1.09 0.00	51.83 1.52 0.00	87.27 0.87 0.00	84.90 1.38 0.00	54.87 0.60 0.00	41.19 0.20 0.00	36.80 -0.06 0.00	44.29 0.07 0.00
DANSKAMMER__1 23586	46.40 1.22 -8.06	65.09 1.13 -27.55	51.90 0.88 -23.10	64.36 0.86 -36.55	73.65 0.91 -44.49	113.74 1.09 -82.57	91.61 1.62 -53.23	94.58 0.90 -75.63	64.39 2.80 0.00	55.66 2.18 0.00	51.40 1.94 0.00	40.83 1.50 0.00	41.00 1.41 0.00	41.45 1.46 0.00	38.98 1.45 0.00	38.54 1.45 0.00	43.88 1.64 0.00	52.85 2.30 -0.24	96.17 4.37 -5.39	87.53 4.01 0.00	56.68 2.41 0.00	42.77 1.79 0.00	38.44 1.59 0.00	45.88 1.66 0.00
DANSKAMMER__2 23589	46.40 1.22 -8.06	65.09 1.13 -27.55	51.90 0.88 -23.10	64.36 0.86 -36.55	73.65 0.91 -44.49	113.74 1.09 -82.57	91.61 1.62 -53.23	94.58 0.90 -75.63	64.39 2.80 0.00	55.66 2.18 0.00	51.40 1.94 0.00	40.83 1.50 0.00	41.00 1.41 0.00	41.45 1.46 0.00	38.98 1.45 0.00	38.54 1.45 0.00	43.88 1.64 0.00	52.85 2.30 -0.24	96.17 4.37 -5.39	87.53 4.01 0.00	56.68 2.41 0.00	42.77 1.79 0.00	38.44 1.59 0.00	45.88 1.66 0.00
DANSKAMMER__3 23590	46.40 1.22 -8.06	65.09 1.13 -27.55	51.90 0.88 -23.10	64.36 0.86 -36.55	73.65 0.91 -44.49	113.74 1.09 -82.57	91.61 1.62 -53.23	94.58 0.90 -75.63	64.39 2.80 0.00	55.66 2.18 0.00	51.40 1.94 0.00	40.83 1.50 0.00	41.00 1.41 0.00	41.45 1.46 0.00	38.98 1.45 0.00	38.54 1.45 0.00	43.88 1.64 0.00	52.85 2.30 -0.24	96.17 4.37 -5.39	87.53 4.01 0.00	56.68 2.41 0.00	42.77 1.79 0.00	38.44 1.59 0.00	45.88 1.66 0.00

DANSKAMMER___4 23591	46.40 1.22 -8.06	65.09 1.13 -27.55	51.90 0.88 -23.10	64.36 0.86 -36.55	73.65 0.91 -44.49	113.74 1.09 -82.57	91.61 1.62 -53.23	94.58 0.90 -75.63	64.39 2.80 0.00	55.66 2.18 0.00	51.40 1.94 0.00	40.83 1.50 0.00	41.00 1.41 0.00	41.45 1.46 0.00	38.98 1.45 0.00	38.54 1.45 0.00	43.88 1.64 0.00	52.85 2.30 -0.24	96.17 4.37 -5.39	87.53 4.01 0.00	56.68 2.41 0.00	42.77 1.79 0.00	38.44 1.59 0.00	45.88 1.66 0.00
DANSKAMMER___DIESEL 23592	46.40 1.23 -8.06	65.09 1.13 -27.55	51.90 0.88 -23.10	64.36 0.86 -36.55	73.65 0.91 -44.49	113.74 1.09 -82.57	91.61 1.62 -53.23	94.58 0.90 -75.63	64.39 2.81 0.00	55.66 2.17 0.00	51.40 1.93 0.00	40.83 1.51 0.00	41.00 1.41 0.00	41.46 1.47 0.00	38.98 1.45 0.00	38.54 1.45 0.00	43.88 1.64 0.00	52.85 2.30 -0.24	96.17 4.38 -5.39	87.52 4.00 0.00	56.68 2.40 0.00	42.77 1.79 0.00	38.44 1.59 0.00	45.88 1.66 0.00
DARBY___SOLAR 323810	49.86 2.66 -10.08	73.52 2.64 -34.47	58.84 2.02 -28.90	74.62 1.95 -45.72	86.00 2.09 -55.65	135.53 2.17 -103.29	106.07 2.73 -66.58	114.07 1.37 -94.65	65.93 4.35 0.00	57.19 3.70 0.00	52.70 3.24 0.00	41.80 2.47 0.00	42.08 2.49 0.00	42.52 2.54 0.00	39.57 2.05 0.00	39.46 2.38 0.00	45.35 3.11 0.00	56.74 4.06 -2.37	146.17 7.17 -52.60	90.12 6.60 0.00	58.30 4.03 0.00	43.97 2.98 0.00	39.48 2.63 0.00	47.46 3.24 0.00
DASHVILLE___HYD 23610	46.38 0.96 -8.29	65.62 0.86 -28.35	52.36 0.67 -23.77	65.23 0.68 -37.60	74.73 0.70 -45.77	115.91 0.87 -84.96	92.83 1.30 -54.77	96.61 0.75 -77.81	64.02 2.44 0.00	55.34 1.86 0.00	51.14 1.68 0.00	40.61 1.29 0.00	40.68 1.09 0.00	41.18 1.20 0.00	38.74 1.21 0.00	38.27 1.19 0.00	43.61 1.37 0.00	52.56 1.90 -0.35	97.79 3.59 -7.80	86.88 3.36 0.00	56.29 2.02 0.00	42.49 1.50 0.00	38.19 1.34 0.00	45.61 1.38 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	47.70 2.47 -8.12	66.36 2.20 -27.76	53.07 1.88 -23.28	65.71 1.93 -36.82	74.97 1.89 -44.82	115.28 2.01 -83.19	93.32 2.93 -53.63	95.72 1.47 -76.20	65.92 4.34 0.00	56.30 2.81 0.00	51.73 2.27 0.00	40.74 1.42 0.00	40.50 0.91 0.00	41.40 1.41 0.00	39.28 1.76 0.00	38.53 1.44 0.00	44.34 2.10 0.00	53.67 3.12 -0.24	97.17 5.41 -5.35	88.89 5.37 0.00	57.31 3.04 0.00	43.10 2.12 0.00	38.80 1.94 0.00	46.02 1.80 0.00
DELAWARE___LFGE 323621	41.22 0.56 -3.54	49.04 0.53 -12.10	38.49 0.43 -10.15	43.43 0.43 -16.05	48.28 0.48 -19.54	66.95 0.60 -36.26	60.97 0.83 -23.38	51.72 0.42 -33.24	62.88 1.30 0.00	54.63 1.14 0.00	50.59 1.13 0.00	40.19 0.86 0.00	40.51 0.92 0.00	40.76 0.78 0.00	38.27 0.75 0.00	37.78 0.70 0.00	43.01 0.76 0.00	51.67 1.01 -0.35	96.17 1.97 -7.81	85.36 1.84 0.00	55.39 1.12 0.00	41.74 0.75 0.00	37.48 0.63 0.00	44.83 0.60 0.00
DERFIELD_115KV_TB7 355931	37.45 0.19 -0.13	37.05 0.18 -0.46	28.44 0.14 -0.38	27.69 0.14 -0.61	29.14 0.14 -0.74	31.60 0.15 -1.37	37.84 0.20 -0.88	18.60 0.13 -0.43	61.96 0.37 0.00	53.81 0.32 0.00	49.78 0.31 0.00	39.52 0.19 0.00	39.76 0.17 0.00	40.15 0.16 0.00	37.65 0.13 0.00	37.21 0.13 0.00	42.41 0.17 0.00	50.59 0.28 0.00	86.96 0.56 0.00	83.94 0.42 0.00	54.52 0.25 0.00	41.16 0.17 0.00	37.00 0.15 0.00	44.40 0.18 0.00
DOGLEVILLE___HYD 23807	37.90 0.65 -0.13	37.54 0.67 -0.46	28.81 0.51 -0.38	28.10 0.55 -0.61	29.58 0.58 -0.74	31.96 0.51 -1.37	38.37 0.72 -0.88	18.92 0.44 -0.43	62.71 1.13 0.00	54.28 0.79 0.00	50.05 0.59 0.00	39.64 0.31 0.00	39.86 0.28 0.00	40.05 0.07 0.00	37.03 -0.49 0.00	37.14 0.05 0.00	42.59 0.34 0.00	51.24 0.93 0.00	88.56 2.16 0.00	85.16 1.64 0.00	55.09 0.82 0.00	41.67 0.68 0.00	37.32 0.47 0.00	44.75 0.52 0.00
DUNKIRK___115KV_TB_200 55889	36.04 -2.62 -1.53	39.30 -2.35 -5.25	30.46 -1.85 -4.40	32.14 -1.76 -6.96	34.96 -1.77 -8.47	44.00 -1.80 -15.72	44.51 -2.17 -9.92	31.21 -1.22 -14.38	57.74 -3.84 0.00	50.46 -3.34 -0.31	47.19 -2.45 -0.18	37.99 -1.34 0.00	38.46 -1.13 0.00	38.39 -1.60 0.00	35.92 -1.61 0.00	34.73 -1.82 0.53	40.89 -1.36 0.00	48.98 -1.33 0.00	84.06 -2.34 0.00	81.54 -1.98 0.00	52.81 -1.46 0.00	39.04 -1.95 0.00	34.86 -1.99 0.00	41.71 -2.51 0.00
DUNKIRK___1 23563	36.04 -2.62 -1.53	39.30 -2.35 -5.25	30.46 -1.85 -4.40	32.14 -1.76 -6.96	34.96 -1.77 -8.47	44.00 -1.80 -15.72	44.51 -2.17 -9.92	31.21 -1.22 -14.38	57.74 -3.84 0.00	50.46 -3.34 -0.31	47.19 -2.45 -0.18	37.99 -1.34 0.00	38.46 -1.13 0.00	38.39 -1.60 0.00	35.92 -1.61 0.00	34.73 -1.82 0.53	40.89 -1.36 0.00	48.98 -1.33 0.00	84.06 -2.34 0.00	81.54 -1.98 0.00	52.81 -1.46 0.00	39.04 -1.95 0.00	34.86 -1.99 0.00	41.71 -2.51 0.00
DUNKIRK___2 23564	36.04 -2.62 -1.53	39.30 -2.35 -5.25	30.46 -1.85 -4.40	32.14 -1.76 -6.96	34.96 -1.77 -8.47	44.00 -1.80 -15.72	44.51 -2.17 -9.92	31.21 -1.22 -14.38	57.74 -3.84 0.00	50.46 -3.34 -0.31	47.19 -2.45 -0.18	37.99 -1.34 0.00	38.46 -1.13 0.00	38.39 -1.60 0.00	35.92 -1.61 0.00	34.73 -1.82 0.53	40.89 -1.36 0.00	48.98 -1.33 0.00	84.06 -2.34 0.00	81.54 -1.98 0.00	52.81 -1.46 0.00	39.04 -1.95 0.00	34.86 -1.99 0.00	41.71 -2.51 0.00
DUNKIRK___3 23565	36.03 -2.62 -1.53	39.25 -2.37 -5.22	30.41 -1.88 -4.38	32.08 -1.80 -6.92	34.90 -1.78 -8.42	43.88 -1.83 -15.64	44.41 -2.19 -9.84	31.13 -1.23 -14.30	57.72 -3.86 0.00	50.41 -3.39 -0.31	47.14 -2.50 -0.18	37.88 -1.45 0.00	38.39 -1.19 0.00	38.37 -1.62 0.00	35.91 -1.62 0.00	34.65 -1.85 0.59	40.71 -1.54 0.00	48.64 -1.67 0.00	83.47 -2.93 0.00	81.09 -2.43 0.00	52.65 -1.62 0.00	39.03 -1.96 0.00	34.91 -1.94 0.00	41.82 -2.40 0.00
DUNKIRK___4 23566	36.03 -2.62 -1.53	39.25 -2.37 -5.22	30.41 -1.88 -4.38	32.08 -1.80 -6.92	34.90 -1.78 -8.42	43.88 -1.83 -15.64	44.41 -2.19 -9.84	31.13 -1.23 -14.30	57.72 -3.86 0.00	50.41 -3.39 -0.31	47.14 -2.50 -0.18	37.88 -1.45 0.00	38.39 -1.19 0.00	38.37 -1.62 0.00	35.91 -1.62 0.00	34.65 -1.85 0.59	40.71 -1.54 0.00	48.64 -1.67 0.00	83.47 -2.93 0.00	81.09 -2.43 0.00	52.65 -1.62 0.00	39.03 -1.96 0.00	34.91 -1.94 0.00	41.82 -2.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.19 0.95 -8.12	65.01 0.83 -27.77	51.86 0.67 -23.28	64.44 0.66 -36.83	73.77 0.68 -44.83	114.11 0.82 -83.21	91.76 1.36 -53.64	95.07 0.80 -76.22	64.09 2.50 0.00	55.46 1.98 0.00	51.28 1.82 0.00	40.77 1.45 0.00	40.87 1.29 0.00	41.30 1.32 0.00	38.83 1.31 0.00	38.40 1.31 0.00	43.70 1.46 0.00	52.60 2.06 -0.24	95.61 3.85 -5.35	86.97 3.45 0.00	56.33 2.06 0.00	42.54 1.55 0.00	38.28 1.43 0.00	45.63 1.40 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.75 0.83 -7.80	63.83 0.75 -26.68	50.87 0.58 -22.37	62.93 0.59 -35.39	71.96 0.62 -43.08	110.84 0.81 -79.95	89.56 1.26 -51.54	91.99 0.70 -73.24	63.70 2.11 0.00	55.07 1.59 0.00	50.93 1.46 0.00	40.45 1.12 0.00	40.65 1.06 0.00	41.08 1.10 0.00	38.61 1.08 0.00	38.17 1.08 0.00	43.42 1.18 0.00	52.32 1.77 -0.23	95.12 3.49 -5.23	86.67 3.14 0.00	56.14 1.87 0.00	42.37 1.39 0.00	38.11 1.26 0.00	45.51 1.28 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	46.30 1.06 -8.12	65.05 0.87 -27.77	51.94 0.74 -23.29	64.47 0.68 -36.83	73.80 0.70 -44.84	114.22 0.93 -83.21	91.95 1.54 -53.64	95.15 0.88 -76.22	64.45 2.86 -0.01	55.69 2.20 0.00	51.44 1.97 0.00	40.95 1.61 -0.01	41.06 1.46 -0.01	41.47 1.49 0.00	39.05 1.52 0.00	38.53 1.44 0.00	43.86 1.62 0.00	52.80 2.25 -0.24	95.88 4.13 -5.36	87.26 3.74 0.00	56.44 2.17 0.00	42.66 1.67 0.00	38.36 1.50 0.00	45.66 1.44 0.00
E179THST_13_KV_LOAD 356214	46.47 1.23 -8.12	65.21 1.03 -27.77	52.05 0.85 -23.29	64.57 0.79 -36.83	73.91 0.81 -44.84	114.35 1.06 -83.21	92.11 1.71 -53.64	95.23 0.96 -76.22	64.76 3.17 -0.01	55.96 2.47 0.00	51.69 2.23 0.00	41.14 1.81 -0.01	41.25 1.66 -0.01	41.68 1.69 0.00	39.25 1.72 0.00	38.71 1.62 0.00	44.08 1.83 0.00	53.06 2.51 -0.24	96.33 4.58 -5.36	87.73 4.21 0.00	56.76 2.49 0.00	42.87 1.88 0.00	38.54 1.69 0.00	45.87 1.65 0.00
EAST HAMPTON___GT 23717	47.82 2.58 -8.12	66.42 2.26 -27.76	53.20 2.01 -23.28	65.86 2.09 -36.82	75.01 1.93 -44.82	115.29 2.02 -83.19	93.37 2.98 -53.63	95.70 1.45 -76.20	65.59 4.00 0.00	55.66 2.17 0.00	50.96 1.49 0.00	40.03 0.70 0.00	39.64 0.05 0.00	40.58 0.59 0.00	38.55 1.02 0.00	37.66 0.57 0.00	43.27 1.03 0.00	52.78 2.23 -0.24	95.69 3.94 -5.35	87.45 3.93 0.00	56.34 2.07 0.00	42.36 1.37 0.00	38.09 1.23 0.00	45.15 0.93 0.00
EAST RIVER___6 23660	46.20 0.96 -8.12	64.98 0.81 -27.77	51.85 0.65 -23.28	64.41 0.63 -36.83	73.74 0.64 -44.83	114.07 0.78 -83.21	91.77 1.37 -53.64	95.09 0.82 -76.22	64.18 2.59 0.00	55.58 2.09 0.00	51.40 1.93 0.00	40.91 1.59 0.00	41.01 1.42 0.00	41.41 1.43 0.00	38.96 1.44 0.00	38.50 1.42 0.00	43.79 1.55 0.00	52.68 2.13 -0.24	95.72 3.97 -5.35	87.03 3.51 0.00	56.36 2.09 0.00	42.57 1.58 0.00	38.30 1.45 0.00	45.60 1.38 0.00
EAST RIVER___7 23524	46.20 0.96 -8.12	64.98 0.81 -27.77	51.85 0.65 -23.28	64.41 0.63 -36.83	73.74 0.64 -44.83	114.07 0.78 -83.21	91.77 1.37 -53.64	95.09 0.82 -76.22	64.18 2.59 0.00	55.58 2.09 0.00	51.40 1.93 0.00	40.91 1.59 0.00	41.01 1.42 0.00	41.41 1.43 0.00	38.96 1.44 0.00	38.50 1.42 0.00	43.79 1.55 0.00	52.68 2.13 -0.24	95.72 3.97 -5.35	87.03 3.51 0.00	56.36 2.09 0.00	42.57 1.58 0.00	38.30 1.45 0.00	45.60 1.38 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.12 0.90 -8.10	64.89 0.78 -27.71	51.77 0.62 -23.23	64.32 0.62 -36.75	73.64 0.65 -44.74	113.91 0.79 -83.03	91.59 1.31 -53.53	94.87 0.76 -76.06	63.96 2.37 0.00	55.35 1.86 0.00	51.17 1.71 0.00	40.69 1.36 0.00	40.79 1.20 0.00	41.22 1.24 0.00	38.75 1.22 0.00	38.32 1.23 0.00	43.62 1.37 0.00	52.49 1.94 -0.24	95.43 3.68 -5.35	86.80 3.28 0.00	56.22 1.95 0.00	42.46 1.47 0.00	38.21 1.35 0.00	45.56 1.33 0.00
EAST_HAMPTON___DIESEL 23722	47.78 2.54 -8.12	66.38 2.22 -27.76	53.18 1.98 -23.28	65.84 2.06 -36.82	74.97 1.89 -44.82	115.24 1.97 -83.19	93.32 2.93 -53.63	95.67 1.42 -76.20	65.45 3.87 0.00	55.51 2.02 0.00	50.80 1.33 0.00	39.90 0.58 0.00	39.49 -0.09 0.00	40.44 0.45 0.00	38.41 0.88 0.00	37.53 0.44 0.00	43.14 0.89 0.00	52.59 2.04 -0.24	95.39 3.64 -5.35	87.15 3.62 0.00	56.16 1.89 0.00	42.21 1.22 0.00	37.95 1.10 0.00	44.99 0.77 0.00
EAST_POINT___SOLAR 323840	50.85 2.63 -11.10	76.88 2.52 -37.96	61.68 1.94 -31.83	79.19 1.90 -50.35	91.61 2.06 -61.28	146.12 2.30 -113.75	113.14 3.05 -73.33	123.84 1.44 -104.35	66.03 4.44 0.00	57.29 3.80 0.00	52.66 3.19 0.00	41.63 2.30 0.00	42.05 2.46 0.00	41.88 1.90 0.00	38.46 0.94 0.00	39.01 1.92 0.00	44.59 2.34 0.00	56.28 3.50 -2.46	147.70 6.62 -54.68	89.95 6.42 0.00	58.48 4.21 0.00	44.02 3.03 0.00	39.39 2.54 0.00	46.99 2.77 0.00
EAST_PULASKI___ESR 323781	37.93 0.01 -0.80	39.14 -0.02 -2.75	30.14 -0.08 -2.30	30.46 -0.14 -3.65	32.64 -0.05 -4.43	38.36 0.06 -8.23	42.17 0.10 -5.31	25.59 0.06 -7.48	61.97 0.39 0.00	56.63 0.51 -2.63	51.37 0.41 -1.50	39.52 0.19 0.00	39.79 0.20 0.00	40.07 0.08 0.00	37.69 0.17 0.00	37.15 0.07 0.00	42.63 0.38 0.00	50.94 0.64 0.00	86.68 0.28 0.00	84.10 0.57 0.00	54.45 0.17 0.00	40.91 -0.08 0.00	36.60 -0.26 0.00	43.89 -0.33 0.00
EAST_RIVER___1 323558	46.18 0.94 -8.12	64.98 0.80 -27.77	51.84 0.64 -23.28	64.41 0.63 -36.83	73.74 0.64 -44.83	114.07 0.78 -83.21	91.77 1.37 -53.64	95.09 0.83 -76.22	64.18 2.59 0.00	55.57 2.09 0.00	51.39 1.93 0.00	40.90 1.58 0.00	41.00 1.42 0.00	41.40 1.42 0.00	38.94 1.42 0.00	38.50 1.42 0.00	43.78 1.54 0.00	52.67 2.12 -0.24	95.71 3.96 -5.35	86.99 3.47 0.00	56.35 2.08 0.00	42.56 1.57 0.00	38.30 1.45 0.00	45.60 1.38 0.00
EAST_RIVER___2 323559	46.20 0.96 -8.12	64.98 0.81 -27.77	51.85 0.65 -23.28	64.41 0.63 -36.83	73.74 0.64 -44.83	114.07 0.78 -83.21	91.77 1.37 -53.64	95.09 0.82 -76.22	64.18 2.59 0.00	55.58 2.09 0.00	51.40 1.93 0.00	40.91 1.59 0.00	41.01 1.42 0.00	41.41 1.43 0.00	38.96 1.44 0.00	38.50 1.42 0.00	43.79 1.55 0.00	52.68 2.13 -0.24	95.72 3.97 -5.35	87.03 3.51 0.00	56.36 2.09 0.00	42.57 1.58 0.00	38.30 1.45 0.00	45.60 1.38 0.00
EAST___DELAWARE_HYD 23607	45.26 0.78 -7.36	62.24 0.68 -25.16	49.55 0.54 -21.09	60.87 0.55 -33.37	69.47 0.59 -40.62	106.25 0.79 -75.38	86.60 1.24 -48.60	87.79 0.69 -69.05	63.71 2.12 0.00	54.90 1.41 0.00	50.64 1.18 0.00	40.17 0.85 0.00	40.52 0.93 0.00	41.05 1.07 0.00	38.61 1.08 0.00	38.09 1.01 0.00	43.41 1.17 0.00	52.85 2.30 -0.25	96.35 4.49 -5.46	87.74 4.22 0.00	56.81 2.54 0.00	42.83 1.84 0.00	38.48 1.62 0.00	45.90 1.68 0.00
EIGHT_POINT___WT_PWR 323820	35.82 -3.13 -1.82	39.76 -2.87 -6.23	30.84 -2.30 -5.22	33.24 -1.98 -8.26	36.29 -2.03 -10.06	46.55 -2.20 -18.67	47.53 -2.76 -13.53	34.20 -1.36 -17.51	56.95 -4.63 0.00	49.32 -4.47 -0.30	45.97 -3.67 -0.17	36.89 -2.44 0.00	37.67 -1.92 0.00	37.70 -2.29 0.00	35.28 -2.24 0.00	37.78 -3.03 -3.73	39.11 -3.14 0.00	47.41 -2.97 -0.07	83.15 -4.78 -1.52	78.94 -4.58 0.00	50.65 -3.62 0.00	37.43 -3.56 0.00	33.32 -3.54 0.00	39.83 -4.40 0.00
ELBRIDGE_115KV_TB2 80188	37.08 -1.09 -1.05	38.92 -1.08 -3.58	30.08 -0.84 -3.00	30.93 -0.77 -4.75	33.23 -0.82 -5.78	39.99 -0.83 -10.73	42.83 -0.85 -6.92	27.56 -0.38 -9.89	60.10 -1.49 0.00	52.59 -1.43 -0.53	48.51 -1.27 -0.30	38.36 -0.97 0.00	38.64 -0.95 0.00	38.86 -1.13 0.00	36.50 -1.02 0.00	36.09 -1.00 0.00	41.25 -0.99 0.00	49.19 -1.12 0.00	84.66 -1.75 0.00	81.89 -1.63 0.00	53.14 -1.13 0.00	39.95 -1.03 0.00	35.84 -1.01 0.00	42.93 -1.29 0.00
ELEC_TRO_TEK 24086	46.60 1.36 -8.12	65.38 1.21 -27.76	52.18 0.98 -23.28	64.77 0.99 -36.82	74.10 1.02 -44.82	114.39 1.12 -83.19	92.15 1.76 -53.63	95.24 0.98 -76.20	64.70 3.11 0.00	55.82 2.34 0.00	51.56 2.09 0.00	41.00 1.67 0.00	41.04 1.46 0.00	41.67 1.69 0.00	39.28 1.75 0.00	38.75 1.66 0.00	44.26 2.01 0.00	53.17 2.62 -0.24	96.46 4.70 -5.35	87.77 4.25 0.00	56.73 2.46 0.00	42.87 1.89 0.00	38.63 1.78 0.00	45.98 1.75 0.00

ELLENBURG_WT_PWR 323604	38.22 1.10 0.00	37.32 0.91 0.00	28.55 0.64 0.00	27.52 0.57 0.00	28.89 0.63 0.00	30.69 0.62 0.00	37.33 0.57 0.00	18.26 0.21 0.00	62.77 1.18 0.00	52.82 1.16 1.82	49.41 0.99 1.04	40.15 0.82 0.00	40.55 0.96 0.00	41.34 1.36 0.00	38.54 1.02 0.00	38.29 1.21 0.00	43.58 1.34 0.00	51.58 1.27 0.00	88.03 1.63 0.00	85.53 2.01 0.00	55.53 1.26 0.00	42.07 1.09 0.00	37.97 1.12 0.00	45.84 1.62 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.65 -2.93 -1.46	38.74 -2.66 -4.99	30.03 -2.07 -4.19	31.51 -2.06 -6.62	34.34 -1.98 -8.06	42.96 -2.08 -14.96	43.71 -2.41 -9.35	30.32 -1.40 -13.67	57.23 -4.36 0.00	49.93 -3.87 -0.31	46.68 -2.97 -0.18	37.41 -1.92 0.00	37.90 -1.69 0.00	38.07 -1.91 0.00	35.62 -1.91 0.00	34.25 -2.10 0.73	40.19 -2.06 0.00	47.72 -2.59 0.00	81.73 -4.67 0.00	79.64 -3.88 0.00	52.02 -2.25 0.00	38.75 -2.24 0.00	34.76 -2.09 0.00	41.75 -2.47 0.00
EMPIRE_CC_1 323656	47.58 0.94 -9.52	69.96 1.00 -32.56	55.98 0.77 -27.30	70.88 0.74 -43.18	81.61 0.78 -52.57	128.37 0.73 -97.56	100.45 0.80 -62.89	107.87 0.44 -89.38	62.91 1.32 0.00	54.67 1.19 0.00	50.50 1.03 0.00	40.08 0.75 0.00	40.14 0.55 0.00	40.64 0.65 0.00	38.13 0.60 0.00	37.84 0.76 0.00	43.10 0.86 0.00	52.18 1.16 -0.71	104.28 2.04 -15.84	85.17 1.65 0.00	55.25 0.98 0.00	41.82 0.84 0.00	37.65 0.80 0.00	45.33 1.11 0.00
EMPIRE_CC_2 323658	47.58 0.94 -9.52	69.96 1.00 -32.56	55.98 0.77 -27.30	70.88 0.74 -43.18	81.61 0.78 -52.57	128.37 0.73 -97.56	100.45 0.80 -62.89	107.87 0.44 -89.38	62.91 1.32 0.00	54.67 1.19 0.00	50.50 1.03 0.00	40.08 0.75 0.00	40.14 0.55 0.00	40.64 0.65 0.00	38.13 0.60 0.00	37.84 0.76 0.00	43.10 0.86 0.00	52.18 1.16 -0.71	104.28 2.04 -15.84	85.17 1.65 0.00	55.25 0.98 0.00	41.82 0.84 0.00	37.65 0.80 0.00	45.33 1.11 0.00
ENORWICH_115KV_TB1 80156	40.86 1.14 -2.60	46.38 1.09 -8.88	36.49 1.12 -7.45	39.86 1.13 -11.79	43.90 1.29 -14.35	58.37 1.66 -26.63	56.33 2.32 -17.25	43.62 1.12 -24.45	65.04 3.45 0.00	56.28 2.79 0.00	52.22 2.76 0.00	41.01 1.68 0.00	41.02 1.43 0.00	40.94 0.96 0.00	38.64 1.11 0.00	38.53 1.25 -0.20	43.39 1.14 0.00	51.83 1.36 -0.16	93.03 2.99 -3.64	86.34 2.82 0.00	55.62 1.35 0.00	41.52 0.54 0.00	37.21 0.36 0.00	44.39 0.17 0.00
ERIE_ST_34_KV_TB1-2 80199	36.49 -2.15 -1.51	39.64 -1.94 -5.18	30.70 -1.56 -4.34	32.28 -1.54 -6.87	35.16 -1.46 -8.36	44.07 -1.52 -15.51	44.80 -1.71 -9.75	31.24 -0.99 -14.19	58.65 -2.94 0.00	51.25 -2.55 -0.31	47.85 -1.79 -0.18	38.32 -1.01 0.00	38.90 -0.69 0.00	38.99 -1.00 0.00	36.46 -1.06 0.00	35.14 -1.32 0.62	41.12 -1.12 0.00	48.81 -1.50 0.00	83.72 -2.68 0.00	81.60 -1.92 0.00	53.24 -1.03 0.00	39.65 -1.33 0.00	35.57 -1.28 0.00	42.68 -1.55 0.00
ERIE_WT_PWR 323693	36.06 -2.56 -1.49	39.22 -2.29 -5.11	30.39 -1.81 -4.28	31.91 -1.81 -6.77	34.79 -1.71 -8.24	43.59 -1.78 -15.30	44.30 -2.06 -9.60	30.82 -1.22 -13.98	57.84 -3.75 0.00	50.49 -3.31 -0.31	47.15 -2.49 -0.18	37.81 -1.51 0.00	38.34 -1.24 0.00	38.49 -1.49 0.00	35.97 -1.55 0.00	34.68 -1.76 0.65	40.60 -1.65 0.00	48.23 -2.08 0.00	82.71 -3.69 0.00	80.58 -2.94 0.00	52.62 -1.66 0.00	39.19 -1.80 0.00	35.12 -1.73 0.00	42.17 -2.05 0.00
ESPRGFLD_115KV_TB1 80157	38.40 1.28 0.00	37.58 1.17 0.00	28.85 0.94 0.00	27.87 0.92 0.00	29.29 1.03 0.00	31.29 1.22 0.00	38.43 1.67 0.00	18.85 0.80 0.00	64.22 2.63 0.00	55.79 2.31 0.00	51.72 2.25 0.00	41.00 1.67 0.00	41.40 1.81 0.00	41.57 1.59 0.00	38.96 1.43 0.00	38.55 1.46 0.00	43.75 1.51 0.00	53.93 1.85 -1.77	128.94 3.35 -39.20	86.85 3.33 0.00	56.52 2.25 0.00	42.52 1.54 0.00	38.08 1.23 0.00	45.44 1.22 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.88 -0.18 -1.93	42.82 -0.19 -6.60	33.31 -0.14 -5.54	35.62 -0.09 -8.76	38.85 -0.07 -10.66	49.90 0.03 -19.79	49.88 0.23 -12.89	36.40 0.13 -18.22	61.88 0.29 0.00	53.80 -0.02 -0.33	49.73 0.08 -0.19	39.35 0.03 0.00	39.52 -0.06 0.00	39.70 -0.28 0.00	37.39 -0.14 0.00	37.26 -0.15 -0.32	42.18 -0.06 0.00	50.54 0.15 -0.08	88.83 0.66 -1.77	84.26 0.74 0.00	54.62 0.35 0.00	40.98 -0.01 0.00	36.74 -0.12 0.00	43.92 -0.30 0.00
ETNA____115KV_TB2 80207	38.88 -0.18 -1.93	42.82 -0.19 -6.60	33.31 -0.14 -5.54	35.62 -0.09 -8.76	38.85 -0.07 -10.66	49.90 0.03 -19.79	49.88 0.23 -12.89	36.40 0.13 -18.22	61.88 0.29 0.00	53.80 -0.02 -0.33	49.73 0.08 -0.19	39.35 0.03 0.00	39.52 -0.06 0.00	39.70 -0.28 0.00	37.39 -0.14 0.00	37.26 -0.15 -0.32	42.18 -0.06 0.00	50.54 0.15 -0.08	88.83 0.66 -1.77	84.26 0.74 0.00	54.62 0.35 0.00	40.98 -0.01 0.00	36.74 -0.12 0.00	43.92 -0.30 0.00
EUCLID____115KV_TB2 356179	36.62 -1.38 -0.88	38.05 -1.35 -3.00	29.38 -1.05 -2.51	29.94 -0.98 -3.97	32.06 -1.04 -4.84	38.01 -1.04 -8.97	41.38 -1.16 -5.78	25.81 -0.53 -8.29	59.57 -2.02 0.00	52.32 -1.84 -0.67	48.20 -1.64 -0.38	38.06 -1.26 0.00	38.35 -1.24 0.00	38.60 -1.38 0.00	36.30 -1.23 0.00	35.84 -1.24 0.00	40.99 -1.26 0.00	48.88 -1.43 0.00	83.93 -2.47 0.00	81.19 -2.33 0.00	52.71 -1.56 0.00	39.70 -1.29 0.00	35.64 -1.22 0.00	42.70 -1.52 0.00
E_CANADA_CAP_HY 24051	50.60 1.94 -11.53	77.67 1.82 -39.44	62.41 1.42 -33.07	80.64 1.37 -52.32	93.44 1.50 -63.68	149.91 1.64 -118.20	115.14 2.18 -76.20	127.45 1.01 -108.39	64.89 3.30 0.00	56.39 2.91 0.00	52.28 2.81 0.00	41.34 2.01 0.00	41.74 2.15 0.00	41.86 1.88 0.00	38.98 1.46 0.00	38.87 1.79 0.00	44.14 1.90 0.00	55.05 2.45 -2.29	141.55 4.32 -50.82	87.80 4.28 0.00	57.19 2.92 0.00	43.18 2.20 0.00	38.68 1.82 0.00	46.20 1.97 0.00
E_CANADA_MHWK_HY 24050	37.90 0.65 -0.13	37.54 0.67 -0.46	28.81 0.51 -0.38	28.10 0.55 -0.61	29.58 0.58 -0.74	31.96 0.51 -1.37	38.37 0.72 -0.88	18.92 0.44 -0.43	62.71 1.13 0.00	54.28 0.79 0.00	50.05 0.59 0.00	39.64 0.31 0.00	39.86 0.28 0.00	40.05 0.07 0.00	37.03 -0.49 0.00	37.14 0.05 0.00	42.59 0.34 0.00	51.24 0.93 0.00	88.56 2.16 0.00	85.16 1.64 0.00	55.09 0.82 0.00	41.67 0.68 0.00	37.32 0.47 0.00	44.75 0.52 0.00
E_FISHKILL____LBMP 23776	46.18 0.81 -8.25	65.33 0.73 -28.20	52.14 0.57 -23.64	64.92 0.57 -37.40	74.38 0.59 -45.53	115.29 0.71 -84.50	92.36 1.13 -54.47	96.11 0.66 -77.40	63.62 2.03 0.00	55.08 1.59 0.00	50.91 1.45 0.00	40.45 1.13 0.00	40.56 0.98 0.00	40.99 1.00 0.00	38.52 1.00 0.00	38.11 1.02 0.00	43.39 1.14 0.00	52.20 1.65 -0.24	94.98 3.16 -5.41	86.33 2.81 0.00	55.93 1.66 0.00	42.24 1.26 0.00	38.01 1.16 0.00	45.40 1.17 0.00
FALCON____SEABRD_CC1 323796	39.07 1.95 0.00	38.00 1.60 0.00	29.01 1.10 0.00	27.93 0.98 0.00	29.33 1.07 0.00	31.21 1.13 0.00	38.05 1.29 0.00	18.67 0.62 0.00	64.01 2.42 0.00	53.57 2.14 2.06	50.21 1.92 1.18	40.85 1.53 0.00	41.46 1.87 0.00	42.32 2.33 0.00	39.36 1.83 0.00	39.23 2.14 0.00	44.77 2.52 0.00	53.05 2.74 0.00	90.71 4.30 0.00	87.82 4.30 0.00	57.00 2.72 0.00	43.17 2.18 0.00	38.91 2.06 0.00	47.19 2.97 0.00

FALCON___SEABRD_CC2 323797	39.07 1.95 0.00	38.00 1.60 0.00	29.01 1.10 0.00	27.93 0.98 0.00	29.33 1.07 0.00	31.21 1.13 0.00	38.05 1.29 0.00	18.67 0.62 0.00	64.01 2.42 0.00	53.57 2.14 2.06	50.21 1.92 1.18	40.85 1.53 0.00	41.46 1.87 0.00	42.32 2.33 0.00	39.36 1.83 0.00	39.23 2.14 0.00	44.77 2.52 0.00	53.05 2.74 0.00	90.71 4.30 0.00	87.82 4.30 0.00	57.00 2.72 0.00	43.17 2.18 0.00	38.91 2.06 0.00	47.19 2.97 0.00
FAR ROCKAWAY___4 23548	47.02 1.79 -8.12	65.80 1.64 -27.76	52.50 1.31 -23.28	65.09 1.32 -36.82	74.41 1.33 -44.82	114.73 1.46 -83.19	92.59 2.20 -53.63	95.46 1.20 -76.20	65.43 3.84 0.00	56.47 2.99 0.00	52.08 2.61 0.00	41.50 2.17 0.00	41.53 1.94 0.00	42.16 2.18 0.00	39.75 2.23 0.00	39.22 2.14 0.00	44.78 2.53 0.00	53.80 3.25 -0.24	97.57 5.82 -5.35	88.84 5.31 0.00	57.44 3.17 0.00	43.43 2.44 0.00	39.11 2.26 0.00	46.55 2.33 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.21 0.97 -8.12	65.01 0.83 -27.77	51.86 0.66 -23.28	64.43 0.65 -36.83	73.76 0.67 -44.83	114.10 0.82 -83.21	91.81 1.41 -53.64	95.10 0.84 -76.22	64.23 2.64 0.00	55.62 2.13 0.00	51.44 1.97 0.00	40.94 1.61 0.00	41.03 1.44 0.00	41.44 1.46 0.00	38.97 1.45 0.00	38.53 1.45 0.00	43.83 1.58 0.00	52.73 2.17 -0.24	95.78 4.03 -5.35	87.09 3.56 0.00	56.41 2.14 0.00	42.61 1.62 0.00	38.34 1.48 0.00	45.65 1.43 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.22 0.98 -8.12	65.02 0.84 -27.77	51.88 0.68 -23.28	64.45 0.67 -36.83	73.77 0.69 -44.83	114.12 0.83 -83.21	91.82 1.42 -53.64	95.11 0.85 -76.22	64.27 2.69 0.00	55.63 2.15 0.00	51.44 1.98 0.00	40.95 1.62 0.00	41.04 1.46 0.00	41.45 1.46 0.00	38.98 1.46 0.00	38.54 1.45 0.00	43.83 1.58 0.00	52.74 2.19 -0.24	95.82 4.07 -5.35	87.14 3.62 0.00	56.44 2.17 0.00	42.62 1.64 0.00	38.35 1.50 0.00	45.67 1.45 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.19 0.95 -8.12	64.98 0.81 -27.77	51.86 0.66 -23.28	64.43 0.65 -36.83	73.76 0.67 -44.83	114.09 0.80 -83.21	91.79 1.39 -53.64	95.10 0.83 -76.22	64.22 2.63 0.00	55.60 2.11 0.00	51.41 1.94 0.00	40.92 1.60 0.00	41.02 1.43 0.00	41.43 1.44 0.00	38.96 1.44 0.00	38.51 1.42 0.00	43.81 1.56 0.00	52.70 2.15 -0.24	95.74 3.98 -5.35	87.05 3.53 0.00	56.38 2.11 0.00	42.58 1.60 0.00	38.32 1.46 0.00	45.63 1.40 0.00
FARRAGUT___LBMP 323566	46.16 0.92 -8.12	64.96 0.78 -27.77	51.83 0.63 -23.28	64.40 0.62 -36.83	73.73 0.64 -44.83	114.06 0.78 -83.21	91.75 1.35 -53.64	95.08 0.81 -76.22	64.15 2.56 0.00	55.53 2.04 0.00	51.35 1.89 0.00	40.87 1.55 0.00	40.97 1.38 0.00	41.37 1.39 0.00	38.91 1.39 0.00	38.46 1.38 0.00	43.75 1.50 0.00	52.64 2.09 -0.24	95.64 3.89 -5.35	86.97 3.45 0.00	56.33 2.06 0.00	42.54 1.55 0.00	38.29 1.44 0.00	45.60 1.37 0.00
FENNER___WINDPWR 24204	38.58 0.35 -1.10	40.48 0.31 -3.76	31.31 0.24 -3.15	32.21 0.27 -4.99	34.68 0.34 -6.07	41.82 0.47 -11.27	44.73 0.70 -7.27	28.95 0.24 -10.66	62.07 0.48 0.00	54.17 0.33 -0.35	49.95 0.29 -0.20	39.43 0.10 0.00	39.64 0.06 0.00	39.97 -0.01 0.00	37.96 0.43 0.00	37.52 0.43 0.00	42.83 0.58 0.00	51.12 0.81 0.00	87.74 1.34 0.00	84.80 1.28 0.00	55.00 0.73 0.00	41.35 0.36 0.00	37.08 0.22 0.00	44.41 0.19 0.00
FIBERTEK___ENERGY 23856	37.36 -0.76 -1.01	39.06 -0.78 -3.44	30.18 -0.61 -2.88	30.95 -0.56 -4.56	33.23 -0.58 -5.55	39.83 -0.55 -10.30	42.87 -0.52 -6.64	27.32 -0.22 -9.49	60.66 -0.93 0.00	53.20 -0.92 -0.62	49.03 -0.79 -0.36	38.71 -0.62 0.00	38.99 -0.60 0.00	39.22 -0.77 0.00	36.89 -0.63 0.00	36.44 -0.64 0.00	41.68 -0.57 0.00	49.72 -0.59 0.00	85.47 -0.93 0.00	82.66 -0.86 0.00	53.63 -0.64 0.00	40.34 -0.65 0.00	36.18 -0.67 0.00	43.34 -0.88 0.00
FITZPATRICK____ 23598	36.07 -1.68 -0.63	36.90 -1.68 -2.17	28.45 -1.29 -1.82	28.61 -1.22 -2.88	30.46 -1.30 -3.50	35.23 -1.35 -6.50	39.38 -1.57 -4.19	23.31 -0.73 -5.98	58.88 -2.71 0.00	51.06 -2.43 0.00	47.28 -2.19 0.00	37.63 -1.70 0.00	37.91 -1.68 0.00	38.20 -1.79 0.00	35.88 -1.65 0.00	35.45 -1.64 0.00	40.49 -1.75 0.00	48.24 -2.07 0.00	82.83 -3.57 0.00	80.10 -3.42 0.00	52.03 -2.24 0.00	39.23 -1.76 0.00	35.24 -1.61 0.00	42.27 -1.96 0.00
FLOWRFLD_69_KV_BK1 356044	47.28 2.04 -8.12	65.98 1.81 -27.76	52.69 1.50 -23.28	65.30 1.53 -36.82	74.66 1.58 -44.82	114.95 1.68 -83.19	92.88 2.49 -53.63	95.57 1.32 -76.20	65.72 4.14 0.00	56.45 2.97 0.00	52.09 2.62 0.00	41.20 1.87 0.00	41.11 1.52 0.00	41.94 1.95 0.00	39.73 2.20 0.00	39.13 2.04 0.00	44.92 2.68 0.00	54.06 3.51 -0.24	97.90 6.15 -5.35	89.43 5.90 0.00	57.70 3.43 0.00	43.45 2.46 0.00	39.14 2.29 0.00	46.48 2.26 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.52 1.30 -8.09	65.29 1.20 -27.68	52.06 0.94 -23.20	64.58 0.92 -36.71	73.91 0.97 -44.68	114.17 1.16 -82.93	91.93 1.71 -53.46	94.95 0.94 -75.97	64.55 2.96 0.00	55.79 2.30 0.00	51.51 2.05 0.00	40.93 1.60 0.00	41.09 1.50 0.00	41.55 1.57 0.00	39.06 1.53 0.00	38.63 1.54 0.00	43.98 1.74 0.00	52.98 2.43 -0.24	96.40 4.59 -5.40	87.72 4.19 0.00	56.79 2.52 0.00	42.86 1.87 0.00	38.53 1.67 0.00	45.97 1.75 0.00
FORT ORANGE____ 23900	48.37 1.45 -9.79	71.34 1.44 -33.49	57.10 1.10 -28.08	72.46 1.08 -44.42	83.48 1.14 -54.07	131.64 1.20 -100.36	102.89 1.44 -64.70	110.54 0.64 -91.85	63.51 1.92 0.00	55.13 1.64 0.00	50.93 1.46 0.00	40.43 1.10 0.00	40.50 0.91 0.00	41.01 1.03 0.00	38.38 0.86 0.00	38.05 0.97 0.00	43.43 1.18 0.00	52.98 1.64 -1.03	112.28 2.97 -22.91	86.26 2.73 0.00	55.94 1.67 0.00	42.24 1.26 0.00	37.98 1.12 0.00	45.90 1.67 0.00
FORT_DRUM_COGEN 23780	40.08 2.37 -0.59	40.70 2.29 -2.00	31.14 1.55 -1.68	30.90 1.29 -2.66	33.09 1.60 -3.23	37.87 1.80 -5.99	42.42 1.80 -3.86	24.10 0.89 -5.17	65.89 4.30 0.00	65.05 4.50 -7.06	57.40 3.90 -4.04	41.87 2.54 0.00	42.10 2.51 0.00	42.64 2.65 0.00	39.94 2.42 0.00	39.11 2.03 0.00	45.04 2.79 0.00	53.84 3.53 0.00	89.66 3.26 0.00	87.75 4.23 0.00	56.58 2.31 0.00	42.47 1.49 0.00	37.93 1.08 0.00	45.73 1.51 0.00
FOX_HILLS___ESR 323835	61.63 1.26 -23.24	65.09 0.92 -27.77	60.39 0.84 -31.63	66.76 0.78 -39.03	76.20 0.76 -47.18	114.24 0.96 -83.21	91.95 1.54 -53.65	133.81 0.92 -114.85	162.92 3.06 -98.27	70.35 2.53 -14.34	60.15 2.37 -8.31	57.94 1.95 -16.66	57.93 1.78 -16.57	64.02 1.77 -22.26	57.41 1.71 -18.18	57.84 1.65 -19.11	90.72 1.92 -46.56	62.14 2.51 -9.32	116.87 4.37 -26.09	173.27 4.27 -85.48	100.66 2.62 -43.77	59.66 2.02 -16.66	65.15 1.83 -26.47	58.03 1.84 -11.96
FPL FAR_ROCK_GT1 24212	47.02 1.79 -8.12	65.81 1.64 -27.76	52.50 1.31 -23.28	65.09 1.32 -36.82	74.41 1.33 -44.82	114.73 1.46 -83.19	92.59 2.20 -53.63	95.46 1.20 -76.20	65.43 3.84 0.00	56.47 2.98 0.00	52.07 2.61 0.00	41.50 2.17 0.00	41.53 1.94 0.00	42.16 2.17 0.00	39.75 2.23 0.00	39.22 2.13 0.00	44.78 2.53 0.00	53.80 3.26 -0.24	97.57 5.82 -5.35	88.84 5.31 0.00	57.44 3.17 0.00	43.43 2.45 0.00	39.11 2.26 0.00	46.55 2.33 0.00



FPL FAR_ROCK_GT2 23815	47.02 1.79 -8.12	65.81 1.64 -27.76	52.50 1.31 -23.28	65.09 1.32 -36.82	74.41 1.33 -44.82	114.73 1.46 -83.19	92.59 2.20 -53.63	95.46 1.20 -76.20	65.43 3.84 0.00	56.47 2.98 0.00	52.07 2.61 0.00	41.50 2.17 0.00	41.53 1.94 0.00	42.16 2.17 0.00	39.75 2.23 0.00	39.22 2.13 0.00	44.78 2.53 0.00	53.80 3.26 -0.24	97.57 5.82 -5.35	88.84 5.31 0.00	57.44 3.17 0.00	43.43 2.45 0.00	39.11 2.26 0.00	46.55 2.33 0.00
FRANKLIN_FALL_HYD 24054	40.33 3.07 -0.14	39.77 2.88 -0.48	30.43 2.12 -0.40	29.55 1.96 -0.64	31.18 2.14 -0.78	33.70 2.19 -1.44	39.48 1.80 -0.93	19.36 0.86 -0.45	66.00 4.42 0.00	81.04 3.99 -23.57	66.64 3.70 -13.47	42.34 3.01 0.00	42.67 3.08 0.00	43.43 3.44 0.00	40.49 2.96 0.00	39.99 2.90 0.00	45.46 3.22 0.00	53.66 3.35 0.00	89.47 3.07 0.00	88.59 5.07 0.00	57.51 3.23 0.00	43.57 2.58 0.00	39.49 2.64 0.00	47.70 3.48 0.00
FREEPORT_EQUS_GT1 23764	46.76 1.52 -8.12	65.53 1.36 -27.76	52.31 1.12 -23.28	64.90 1.13 -36.82	74.23 1.15 -44.82	114.53 1.26 -83.19	92.33 1.94 -53.63	95.33 1.07 -76.20	64.97 3.38 0.00	56.02 2.53 0.00	51.71 2.24 0.00	41.11 1.78 0.00	41.12 1.54 0.00	41.81 1.82 0.00	39.44 1.91 0.00	38.88 1.79 0.00	44.46 2.21 0.00	53.45 2.90 -0.24	96.90 5.15 -5.35	88.24 4.72 0.00	57.00 2.73 0.00	43.07 2.08 0.00	38.82 1.97 0.00	46.17 1.95 0.00
FREEPORT___CT2 23818	46.76 1.52 -8.12	65.53 1.36 -27.76	52.31 1.12 -23.28	64.90 1.13 -36.82	74.23 1.15 -44.82	114.53 1.26 -83.19	92.33 1.94 -53.63	95.33 1.07 -76.20	64.97 3.38 0.00	56.02 2.53 0.00	51.71 2.24 0.00	41.11 1.78 0.00	41.12 1.54 0.00	41.81 1.82 0.00	39.44 1.91 0.00	38.88 1.79 0.00	44.46 2.21 0.00	53.45 2.90 -0.24	96.90 5.15 -5.35	88.24 4.72 0.00	57.00 2.73 0.00	43.07 2.08 0.00	38.82 1.97 0.00	46.17 1.95 0.00
FRESHKLS_33_KV_LOAD 356253	61.65 1.29 -23.24	65.04 0.86 -27.77	60.38 0.83 -31.63	66.72 0.74 -39.03	76.15 0.71 -47.18	114.20 0.91 -83.21	91.88 1.47 -53.65	133.79 0.90 -114.85	162.84 2.99 -98.27	70.32 2.50 -14.34	60.12 2.35 -8.31	57.91 1.93 -16.66	57.90 1.74 -16.57	63.99 1.74 -22.26	57.37 1.66 -18.18	57.80 1.60 -19.11	91.44 1.91 -47.29	62.08 2.45 -9.32	116.67 4.17 -26.09	173.17 4.17 -85.48	100.66 2.62 -43.77	59.69 2.04 -16.66	65.17 1.85 -26.47	58.03 1.85 -11.96
FULTON COGEN____ 23766	37.35 -0.64 -0.87	38.72 -0.66 -2.98	29.89 -0.52 -2.49	30.40 -0.49 -3.94	32.57 -0.49 -4.80	38.59 -0.40 -8.91	42.16 -0.35 -5.75	26.10 -0.15 -8.19	60.97 -0.62 0.00	54.19 -0.56 -1.26	49.67 -0.52 -0.72	38.92 -0.41 0.00	39.21 -0.38 0.00	39.43 -0.55 0.00	37.11 -0.42 0.00	36.64 -0.45 0.00	41.99 -0.25 0.00	50.17 -0.14 0.00	85.96 -0.44 0.00	83.20 -0.32 0.00	53.93 -0.34 0.00	40.53 -0.45 0.00	36.29 -0.56 0.00	43.47 -0.75 0.00
FULTON___LFGE 323630	50.30 2.19 -10.99	76.09 2.10 -37.58	61.04 1.61 -31.51	78.36 1.56 -49.85	90.66 1.72 -60.68	144.60 1.90 -112.62	111.86 2.50 -72.60	122.52 1.19 -103.27	65.30 3.71 0.00	56.66 3.18 0.00	52.25 2.78 0.00	41.18 1.85 0.00	41.55 1.96 0.00	41.63 1.64 0.00	38.46 0.93 0.00	38.78 1.70 0.00	44.38 2.14 0.00	55.83 3.01 -2.51	147.66 5.61 -55.65	88.94 5.42 0.00	57.80 3.53 0.00	43.55 2.57 0.00	39.02 2.17 0.00	46.61 2.39 0.00
G.F.CEMENT___DRP 24184	51.08 3.85 -10.10	74.79 3.83 -34.56	59.81 2.92 -28.98	75.59 2.81 -45.84	87.08 3.03 -55.79	136.76 3.13 -103.55	107.46 3.94 -66.76	114.91 1.97 -94.89	67.93 6.34 0.00	58.96 5.48 0.00	54.17 4.71 0.00	42.96 3.63 0.00	43.39 3.80 0.00	43.88 3.90 0.00	40.64 3.11 0.00	40.67 3.58 0.00	46.87 4.63 0.00	58.71 5.98 -2.42	150.58 10.44 -53.73	93.28 9.76 0.00	60.24 5.97 0.00	45.39 4.41 0.00	40.70 3.85 0.00	48.90 4.68 0.00
GARDENVILLE___LBMP 24039	35.86 -2.74 -1.48	38.98 -2.48 -5.06	30.21 -1.95 -4.24	31.72 -1.94 -6.71	34.56 -1.86 -8.16	43.29 -1.94 -15.15	44.01 -2.25 -9.49	30.59 -1.30 -13.85	57.53 -4.06 0.00	50.23 -3.57 -0.31	46.94 -2.70 -0.18	37.63 -1.70 0.00	38.14 -1.45 0.00	38.28 -1.71 0.00	35.80 -1.73 0.00	34.46 -1.94 0.69	40.42 -1.83 0.00	48.02 -2.29 0.00	82.30 -4.10 0.00	80.18 -3.34 0.00	52.33 -1.94 0.00	38.95 -2.04 0.00	34.93 -1.93 0.00	41.92 -2.30 0.00
GARDNVLA_35_KV_LD 355827	36.15 -2.47 -1.50	39.34 -2.20 -5.13	30.48 -1.74 -4.30	32.02 -1.73 -6.80	34.91 -1.64 -8.28	43.74 -1.71 -15.37	44.46 -1.96 -9.66	30.95 -1.16 -14.06	58.06 -3.53 0.00	50.68 -3.12 -0.31	47.34 -2.31 -0.18	37.94 -1.38 0.00	38.46 -1.13 0.00	38.62 -1.37 0.00	36.11 -1.42 0.00	34.81 -1.65 0.64	40.74 -1.51 0.00	48.39 -1.92 0.00	82.94 -3.46 0.00	80.85 -2.67 0.00	52.79 -1.48 0.00	39.29 -1.70 0.00	35.24 -1.62 0.00	42.30 -1.93 0.00
GELCKHM___115KV_LOAD 80723	36.89 -1.16 -0.92	38.42 -1.15 -3.16	29.67 -0.90 -2.65	30.30 -0.84 -4.19	32.49 -0.88 -5.10	38.67 -0.87 -9.47	41.93 -0.93 -6.11	26.36 -0.42 -8.73	59.95 -1.64 0.00	52.63 -1.52 -0.66	48.50 -1.35 -0.38	38.29 -1.04 0.00	38.57 -1.02 0.00	38.81 -1.17 0.00	36.50 -1.03 0.00	36.05 -1.03 0.00	41.22 -1.02 0.00	49.18 -1.13 0.00	84.48 -1.92 0.00	81.71 -1.81 0.00	53.03 -1.25 0.00	39.92 -1.07 0.00	35.82 -1.04 0.00	42.92 -1.30 0.00
GENERAL___MILLS 23808	36.04 -2.58 -1.49	39.19 -2.32 -5.11	30.37 -1.83 -4.28	31.91 -1.81 -6.77	34.77 -1.73 -8.24	43.57 -1.81 -15.30	44.28 -2.08 -9.60	30.81 -1.22 -13.98	57.83 -3.75 0.00	50.49 -3.31 -0.31	47.17 -2.48 -0.18	37.81 -1.52 0.00	38.33 -1.25 0.00	38.47 -1.51 0.00	35.98 -1.55 0.00	34.66 -1.77 0.65	40.60 -1.65 0.00	48.22 -2.09 0.00	82.65 -3.75 0.00	80.53 -2.99 0.00	52.58 -1.69 0.00	39.15 -1.84 0.00	35.10 -1.75 0.00	42.14 -2.08 0.00
GE_PLASTICS___DRP 24183	47.93 1.01 -9.80	70.92 1.00 -33.52	56.80 0.78 -28.10	72.16 0.76 -44.45	83.17 0.79 -54.11	131.35 0.84 -100.43	102.55 1.04 -64.75	110.51 0.54 -91.93	63.26 1.68 0.00	54.88 1.40 0.00	50.74 1.28 0.00	40.29 0.96 0.00	40.43 0.84 0.00	40.86 0.88 0.00	38.29 0.77 0.00	37.93 0.84 0.00	43.25 1.01 0.00	52.59 1.39 -0.89	108.78 2.54 -19.83	85.76 2.24 0.00	55.63 1.36 0.00	42.03 1.05 0.00	37.80 0.95 0.00	45.40 1.18 0.00
GILBOA___1 23756	45.44 0.53 -7.79	63.55 0.51 -26.63	50.64 0.40 -22.33	62.68 0.40 -35.32	71.69 0.42 -43.00	110.36 0.47 -79.81	88.73 0.52 -51.45	91.48 0.32 -73.10	62.65 1.06 0.00	54.41 0.92 0.00	50.34 0.87 0.00	40.00 0.67 0.00	40.32 0.73 0.00	40.58 0.59 0.00	38.05 0.52 0.00	37.62 0.54 0.00	42.87 0.63 0.00	51.32 0.85 -0.15	91.42 1.67 -3.36	84.97 1.44 0.00	55.20 0.93 0.00	41.68 0.69 0.00	37.48 0.63 0.00	44.91 0.69 0.00
GILBOA___2 23757	45.44 0.53 -7.79	63.55 0.51 -26.63	50.64 0.40 -22.33	62.68 0.40 -35.32	71.69 0.42 -43.00	110.36 0.47 -79.81	88.73 0.52 -51.45	91.48 0.32 -73.10	62.65 1.06 0.00	54.41 0.92 0.00	50.34 0.87 0.00	40.00 0.67 0.00	40.32 0.73 0.00	40.58 0.59 0.00	38.05 0.52 0.00	37.62 0.54 0.00	42.87 0.63 0.00	51.32 0.85 -0.15	91.42 1.67 -3.36	84.97 1.44 0.00	55.20 0.93 0.00	41.68 0.69 0.00	37.48 0.63 0.00	44.91 0.69 0.00

GILBOA___3 23758	45.44 0.53 -7.79	63.55 0.51 -26.63	50.64 0.40 -22.33	62.68 0.40 -35.32	71.69 0.42 -43.00	110.36 0.47 -79.81	88.73 0.52 -51.45	91.48 0.32 -73.10	62.65 1.06 0.00	54.41 0.92 0.00	50.34 0.87 0.00	40.00 0.67 0.00	40.32 0.73 0.00	40.58 0.59 0.00	38.05 0.52 0.00	37.62 0.54 0.00	42.87 0.63 0.00	51.32 0.85 -0.15	91.42 1.67 -3.36	84.97 1.44 0.00	55.20 0.93 0.00	41.68 0.69 0.00	37.48 0.63 0.00	44.91 0.69 0.00
GILBOA___4 23759	45.44 0.53 -7.79	63.55 0.51 -26.63	50.64 0.40 -22.33	62.68 0.40 -35.32	71.69 0.42 -43.00	110.36 0.47 -79.81	88.73 0.52 -51.45	91.48 0.32 -73.10	62.65 1.06 0.00	54.41 0.92 0.00	50.34 0.87 0.00	40.00 0.67 0.00	40.32 0.73 0.00	40.58 0.59 0.00	38.05 0.52 0.00	37.62 0.54 0.00	42.87 0.63 0.00	51.32 0.85 -0.15	91.42 1.67 -3.36	84.97 1.44 0.00	55.20 0.93 0.00	41.68 0.69 0.00	37.48 0.63 0.00	44.91 0.69 0.00
GILBOA___ 23599	45.44 0.53 -7.79	63.55 0.51 -26.63	50.64 0.40 -22.33	62.68 0.40 -35.32	71.68 0.42 -43.00	110.36 0.47 -79.81	88.73 0.52 -51.45	91.48 0.32 -73.10	62.65 1.07 0.00	54.41 0.92 0.00	50.34 0.88 0.00	40.00 0.67 0.00	40.32 0.73 0.00	40.58 0.59 0.00	38.05 0.52 0.00	37.62 0.54 0.00	42.87 0.63 0.00	51.32 0.86 -0.15	91.43 1.67 -3.36	84.97 1.44 0.00	55.20 0.93 0.00	41.68 0.69 0.00	37.48 0.63 0.00	44.91 0.69 0.00
GINNA___ 23603	34.82 -3.44 -1.14	37.05 -3.24 -3.89	28.70 -2.48 -3.26	29.68 -2.43 -5.16	32.10 -2.44 -6.28	39.22 -2.51 -11.65	41.42 -2.86 -7.51	27.30 -1.46 -10.71	56.55 -5.03 0.00	49.31 -4.52 -0.35	45.69 -3.97 -0.20	36.34 -2.98 0.00	36.66 -2.93 0.00	36.96 -3.03 0.00	34.66 -2.87 0.00	34.16 -2.92 0.00	39.10 -3.14 0.00	46.56 -3.75 0.00	79.91 -6.48 0.00	77.54 -5.98 0.00	50.46 -3.81 0.00	37.79 -3.20 0.00	33.87 -2.98 0.00	40.60 -3.62 0.00
GLEN PARK___ 23778	40.17 2.44 -0.60	40.83 2.37 -2.06	31.24 1.60 -1.73	31.03 1.35 -2.73	33.24 1.66 -3.32	38.13 1.89 -6.16	42.70 1.97 -3.97	24.36 0.97 -5.34	66.07 4.48 0.00	64.81 4.60 -6.72	57.23 3.93 -3.84	41.87 2.54 0.00	42.08 2.49 0.00	42.64 2.65 0.00	40.00 2.47 0.00	39.22 2.14 0.00	45.21 2.97 0.00	54.11 3.80 0.00	90.27 3.87 0.00	88.23 4.71 0.00	56.89 2.62 0.00	42.67 1.68 0.00	38.07 1.22 0.00	45.86 1.64 0.00
GLENDALE_27_KV_LOAD 356172	46.48 1.24 -8.12	65.23 1.05 -27.77	52.07 0.87 -23.29	64.62 0.84 -36.83	73.95 0.86 -44.84	114.31 1.02 -83.21	92.08 1.67 -53.64	95.25 0.97 -76.22	64.80 3.21 -0.01	56.07 2.59 0.00	51.88 2.42 0.00	41.30 1.97 -0.01	41.39 1.79 -0.01	41.78 1.80 0.00	39.30 1.77 0.00	38.82 1.73 0.00	47.29 1.95 -3.10	53.16 2.61 -0.24	96.50 4.75 -5.36	87.89 4.36 0.00	56.88 2.61 0.00	42.97 1.98 0.00	38.64 1.79 0.00	45.97 1.75 0.00
GLENWOOD_IC_1_G5 23712	46.77 1.53 -8.12	65.56 1.39 -27.76	52.31 1.12 -23.28	64.90 1.13 -36.82	74.25 1.16 -44.82	114.55 1.28 -83.19	92.37 1.98 -53.63	95.35 1.09 -76.20	65.05 3.46 0.00	56.12 2.64 0.00	51.81 2.34 0.00	41.21 1.88 0.00	41.25 1.66 0.00	41.90 1.92 0.00	39.48 1.95 0.00	38.95 1.86 0.00	44.51 2.26 0.00	53.47 2.92 -0.24	96.99 5.24 -5.35	88.28 4.76 0.00	57.06 2.79 0.00	43.08 2.10 0.00	38.82 1.96 0.00	46.17 1.95 0.00
GLENWOOD_IC_2_G1 23688	46.64 1.39 -8.12	65.41 1.25 -27.76	52.21 1.01 -23.28	64.80 1.02 -36.82	74.14 1.06 -44.82	114.43 1.16 -83.19	92.19 1.80 -53.63	95.26 1.01 -76.20	64.76 3.18 0.00	55.88 2.40 0.00	51.62 2.16 0.00	41.04 1.71 0.00	41.08 1.50 0.00	41.71 1.72 0.00	39.30 1.78 0.00	38.78 1.69 0.00	44.30 2.05 0.00	53.23 2.68 -0.24	96.66 4.90 -5.35	88.03 4.50 0.00	56.92 2.65 0.00	42.98 1.99 0.00	38.71 1.86 0.00	46.08 1.85 0.00
GLENWOOD_IC_3_G1 23689	46.64 1.39 -8.12	65.41 1.25 -27.76	52.21 1.01 -23.28	64.80 1.02 -36.82	74.14 1.06 -44.82	114.43 1.16 -83.19	92.19 1.80 -53.63	95.26 1.01 -76.20	64.76 3.18 0.00	55.88 2.40 0.00	51.62 2.16 0.00	41.04 1.71 0.00	41.08 1.50 0.00	41.71 1.72 0.00	39.30 1.78 0.00	38.78 1.69 0.00	44.30 2.05 0.00	53.23 2.68 -0.24	96.66 4.90 -5.35	88.03 4.50 0.00	56.92 2.65 0.00	42.98 1.99 0.00	38.71 1.86 0.00	46.08 1.85 0.00
GLENWOOD___4 23550	46.77 1.53 -8.12	65.56 1.39 -27.76	52.31 1.12 -23.28	64.90 1.13 -36.82	74.25 1.16 -44.82	114.55 1.28 -83.19	92.37 1.98 -53.63	95.35 1.09 -76.20	65.05 3.46 0.00	56.12 2.64 0.00	51.81 2.34 0.00	41.21 1.88 0.00	41.25 1.66 0.00	41.90 1.92 0.00	39.48 1.95 0.00	38.95 1.86 0.00	44.51 2.26 0.00	53.47 2.92 -0.24	96.99 5.24 -5.35	88.28 4.76 0.00	57.06 2.79 0.00	43.08 2.10 0.00	38.82 1.96 0.00	46.17 1.95 0.00
GLENWOOD___5 23614	46.77 1.53 -8.12	65.56 1.39 -27.76	52.31 1.12 -23.28	64.90 1.13 -36.82	74.25 1.16 -44.82	114.55 1.28 -83.19	92.37 1.98 -53.63	95.35 1.09 -76.20	65.05 3.46 0.00	56.12 2.64 0.00	51.81 2.34 0.00	41.21 1.88 0.00	41.25 1.66 0.00	41.90 1.92 0.00	39.48 1.95 0.00	38.95 1.86 0.00	44.51 2.26 0.00	53.47 2.92 -0.24	96.99 5.24 -5.35	88.28 4.76 0.00	57.06 2.79 0.00	43.08 2.10 0.00	38.82 1.96 0.00	46.17 1.95 0.00
GLOBAL GREEN_PORT_GT1 23814	47.92 2.68 -8.12	66.54 2.38 -27.76	53.25 2.06 -23.28	65.89 2.12 -36.82	75.11 2.03 -44.82	115.41 2.15 -83.19	93.52 3.13 -53.63	95.80 1.55 -76.20	66.06 4.47 0.00	56.23 2.75 0.00	51.55 2.09 0.00	40.54 1.21 0.00	40.21 0.62 0.00	41.14 1.16 0.00	39.07 1.54 0.00	38.26 1.17 0.00	44.02 1.77 0.00	53.46 2.91 -0.24	96.90 5.15 -5.35	88.57 5.05 0.00	57.08 2.81 0.00	42.90 1.92 0.00	38.59 1.74 0.00	45.75 1.53 0.00
GLOBE___DSASP 323697	34.38 -4.15 -1.40	37.36 -3.85 -4.80	28.98 -2.96 -4.03	30.35 -2.97 -6.37	33.12 -2.90 -7.75	41.38 -3.08 -14.39	42.08 -3.61 -8.93	29.14 -2.04 -13.13	55.04 -6.54 0.00	47.95 -5.86 -0.32	44.84 -4.81 -0.18	35.89 -3.43 0.00	36.33 -3.26 0.00	36.60 -3.38 0.00	34.28 -3.24 0.00	32.91 -3.32 0.86	38.73 -3.52 0.00	45.82 -4.49 0.00	78.31 -8.09 0.00	76.35 -7.17 0.00	50.05 -4.22 0.00	37.37 -3.62 0.00	33.59 -3.26 0.00	40.43 -3.79 0.00
GOETHSLN___LBMP 323567	45.91 0.67 -8.12	64.72 0.55 -27.77	51.64 0.44 -23.28	64.23 0.45 -36.83	73.54 0.45 -44.83	113.85 0.57 -83.21	91.48 1.08 -53.64	94.94 0.67 -76.22	63.66 2.07 0.00	55.14 1.65 0.00	51.04 1.57 0.00	40.61 1.28 0.00	40.70 1.12 0.00	41.11 1.12 0.00	38.67 1.14 0.00	38.24 1.15 0.00	43.45 1.21 0.00	52.30 1.75 -0.24	95.10 3.35 -5.35	86.42 2.90 0.00	56.01 1.74 0.00	42.32 1.33 0.00	38.09 1.24 0.00	45.35 1.13 0.00
GOLAH___69_KV_TB 1_2 80279	36.26 -2.04 -1.18	38.59 -1.87 -4.05	29.86 -1.45 -3.40	30.87 -1.45 -5.37	33.43 -1.37 -6.54	40.82 -1.39 -12.14	43.07 -1.44 -7.75	28.36 -0.82 -11.14	58.86 -2.73 0.00	51.25 -2.58 -0.33	47.57 -2.09 -0.19	37.90 -1.43 0.00	38.25 -1.33 0.00	38.49 -1.50 0.00	36.14 -1.39 0.00	35.34 -1.56 0.18	40.69 -1.55 0.00	48.49 -1.81 0.00	83.39 -3.01 0.00	81.11 -2.42 0.00	52.85 -1.42 0.00	39.53 -1.46 0.00	35.43 -1.43 0.00	42.48 -1.74 0.00

GOODYEAR_LAKE_HYD 323669	40.60 0.95 -2.53	45.97 0.89 -8.67	35.90 0.72 -7.27	39.16 0.71 -11.50	43.04 0.79 -14.00	57.02 0.97 -25.97	54.83 1.32 -16.74	42.53 0.66 -23.82	63.72 2.13 0.00	55.36 1.87 0.00	51.25 1.79 0.00	40.69 1.37 0.00	41.05 1.46 0.00	41.26 1.28 0.00	38.71 1.19 0.00	38.24 1.15 0.00	43.49 1.25 0.00	52.66 1.58 -0.77	106.54 2.96 -17.18	86.38 2.86 0.00	56.07 1.80 0.00	42.19 1.20 0.00	37.84 0.99 0.00	45.18 0.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.03 -0.77 -2.68	44.83 -0.75 -9.17	34.99 -0.62 -7.69	38.60 -0.52 -12.17	42.54 -0.54 -14.81	57.08 -0.49 -27.49	53.94 -0.55 -17.72	43.04 -0.23 -25.22	60.78 -0.80 0.00	52.64 -0.85 0.00	48.86 -0.61 0.00	38.96 -0.37 0.00	39.38 -0.21 0.00	39.50 -0.48 0.00	37.10 -0.42 0.00	36.51 -0.57 0.00	41.65 -0.59 0.00	49.95 -0.47 -0.11	88.17 -0.66 -2.44	82.98 -0.55 0.00	53.82 -0.46 0.00	40.40 -0.59 0.00	36.29 -0.56 0.00	43.40 -0.82 0.00
GOUDEY___7 23579	39.03 -0.77 -2.68	44.83 -0.75 -9.17	34.99 -0.62 -7.69	38.60 -0.52 -12.17	42.54 -0.54 -14.81	57.08 -0.49 -27.49	53.94 -0.55 -17.72	43.04 -0.23 -25.22	60.78 -0.80 0.00	52.64 -0.85 0.00	48.86 -0.61 0.00	38.96 -0.37 0.00	39.38 -0.21 0.00	39.50 -0.48 0.00	37.10 -0.42 0.00	36.51 -0.57 0.00	41.65 -0.59 0.00	49.95 -0.47 -0.11	88.17 -0.66 -2.44	82.98 -0.55 0.00	53.82 -0.46 0.00	40.40 -0.59 0.00	36.29 -0.56 0.00	43.40 -0.82 0.00
GOUDEY___8 23580	39.03 -0.77 -2.68	44.83 -0.75 -9.17	34.99 -0.62 -7.69	38.60 -0.52 -12.17	42.54 -0.54 -14.81	57.08 -0.49 -27.49	53.94 -0.55 -17.72	43.04 -0.23 -25.22	60.78 -0.80 0.00	52.64 -0.85 0.00	48.86 -0.61 0.00	38.96 -0.37 0.00	39.38 -0.21 0.00	39.50 -0.48 0.00	37.10 -0.42 0.00	36.51 -0.57 0.00	41.65 -0.59 0.00	49.95 -0.47 -0.11	88.17 -0.66 -2.44	82.98 -0.55 0.00	53.82 -0.46 0.00	40.40 -0.59 0.00	36.29 -0.56 0.00	43.40 -0.82 0.00
GOWANUS_GT1_1 24077	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.24 -98.27	70.49 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	111.25 2.03 -66.98	70.60 2.67 -17.62	117.22 4.73 -26.09	173.51 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT1_2 24078	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.24 -98.27	70.49 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	111.25 2.03 -66.98	70.60 2.67 -17.62	117.22 4.73 -26.09	173.51 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT1_3 24079	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.24 -98.27	70.49 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	111.25 2.03 -66.98	70.60 2.67 -17.62	117.22 4.73 -26.09	173.51 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT1_4 24080	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.24 -98.27	70.49 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	111.25 2.03 -66.98	70.60 2.67 -17.62	117.22 4.73 -26.09	173.51 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT1_5 24084	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.24 -98.27	70.49 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	111.25 2.03 -66.98	70.60 2.67 -17.62	117.22 4.73 -26.09	173.51 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT1_6 24111	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.24 -98.27	70.49 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	111.25 2.03 -66.98	70.60 2.67 -17.62	117.22 4.73 -26.09	173.51 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT1_7 24112	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.24 -98.27	70.49 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	111.25 2.03 -66.98	70.60 2.67 -17.62	117.22 4.73 -26.09	173.51 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT1_8 24113	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.24 -98.27	70.49 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	111.25 2.03 -66.98	70.60 2.67 -17.62	117.22 4.73 -26.09	173.51 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT2_1 24114	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT2_2 24115	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT2_3 24116	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96

GOWANUS_GT2_4 24117	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT2_5 24118	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT2_6 24119	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT2_7 24120	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT2_8 24121	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT3_1 24122	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.10 3.24 -98.27	70.50 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.12 1.87 -22.26	57.52 1.81 -18.18	57.95 1.76 -19.11	111.25 2.03 -66.98	70.59 2.67 -17.62	117.22 4.72 -26.09	173.52 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT3_2 24123	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.10 3.24 -98.27	70.50 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.12 1.87 -22.26	57.52 1.81 -18.18	57.95 1.76 -19.11	111.25 2.03 -66.98	70.59 2.67 -17.62	117.22 4.72 -26.09	173.52 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT3_3 24124	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.10 3.24 -98.27	70.50 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.12 1.87 -22.26	57.52 1.81 -18.18	57.95 1.76 -19.11	111.25 2.03 -66.98	70.59 2.67 -17.62	117.22 4.72 -26.09	173.52 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT3_4 24125	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.10 3.24 -98.27	70.50 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.12 1.87 -22.26	57.52 1.81 -18.18	57.95 1.76 -19.11	111.25 2.03 -66.98	70.59 2.67 -17.62	117.22 4.72 -26.09	173.52 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT3_5 24126	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.10 3.24 -98.27	70.50 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.12 1.87 -22.26	57.52 1.81 -18.18	57.95 1.76 -19.11	111.25 2.03 -66.98	70.59 2.67 -17.62	117.22 4.72 -26.09	173.52 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT3_6 24127	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.10 3.24 -98.27	70.50 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.12 1.87 -22.26	57.52 1.81 -18.18	57.95 1.76 -19.11	111.25 2.03 -66.98	70.59 2.67 -17.62	117.22 4.72 -26.09	173.52 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT3_7 24128	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.10 3.24 -98.27	70.50 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.12 1.87 -22.26	57.52 1.81 -18.18	57.95 1.76 -19.11	111.25 2.03 -66.98	70.59 2.67 -17.62	117.22 4.72 -26.09	173.52 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT3_8 24129	61.66 1.29 -23.24	65.19 1.01 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.10 3.24 -98.27	70.50 2.67 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.04 1.88 -16.57	64.12 1.87 -22.26	57.52 1.81 -18.18	57.95 1.76 -19.11	111.25 2.03 -66.98	70.59 2.67 -17.62	117.22 4.72 -26.09	173.52 4.51 -85.48	100.76 2.72 -43.77	59.72 2.07 -16.66	65.20 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT4_1 24130	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT4_2 24131	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96

GOWANUS_GT4_3 24132	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT4_4 24133	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT4_5 24134	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT4_6 24135	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT4_7 24136	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GOWANUS_GT4_8 24137	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GREENBSH_115KV_TB3 55895	48.16 1.20 -9.83	71.24 1.20 -33.63	57.04 0.92 -28.20	72.46 0.90 -44.61	83.51 0.96 -54.29	131.85 1.00 -100.77	102.96 1.24 -64.96	110.89 0.61 -92.22	63.48 1.90 0.00	55.10 1.62 0.00	50.94 1.48 0.00	40.43 1.10 0.00	40.56 0.98 0.00	41.02 1.04 0.00	38.42 0.89 0.00	38.07 0.99 0.00	43.43 1.19 0.00	52.98 1.61 -1.06	112.94 2.91 -23.62	86.11 2.59 0.00	55.85 1.58 0.00	42.20 1.22 0.00	37.96 1.10 0.00	45.66 1.44 0.00
GREENIDGE_115KV_TB5 80291	37.59 -1.28 -1.74	41.15 -1.21 -5.95	31.94 -0.96 -4.99	34.01 -0.84 -7.89	37.05 -0.82 -9.61	47.11 -0.80 -17.84	48.05 -0.85 -12.14	34.20 -0.39 -16.54	60.17 -1.41 0.00	52.22 -1.60 -0.33	48.36 -1.30 -0.19	38.52 -0.81 0.00	38.96 -0.63 0.00	39.03 -0.96 0.00	36.72 -0.80 0.00	37.56 -1.12 -1.59	41.20 -1.05 0.00	49.43 -0.95 -0.07	86.35 -1.51 -1.47	82.35 -1.18 0.00	53.40 -0.87 0.00	39.94 -1.05 0.00	35.74 -1.12 0.00	42.72 -1.50 0.00
GREENIDGE___3 23582	37.59 -1.28 -1.74	41.15 -1.21 -5.95	31.94 -0.96 -4.99	34.01 -0.84 -7.89	37.05 -0.82 -9.61	47.11 -0.80 -17.84	48.05 -0.85 -12.14	34.20 -0.39 -16.54	60.17 -1.41 0.00	52.22 -1.60 -0.33	48.36 -1.30 -0.19	38.52 -0.81 0.00	38.96 -0.63 0.00	39.03 -0.96 0.00	36.72 -0.80 0.00	37.56 -1.12 -1.59	41.20 -1.05 0.00	49.43 -0.95 -0.07	86.35 -1.51 -1.47	82.35 -1.18 0.00	53.40 -0.87 0.00	39.94 -1.05 0.00	35.74 -1.12 0.00	42.72 -1.50 0.00
GREENIDGE___4 23583	37.59 -1.28 -1.74	41.14 -1.22 -5.95	31.94 -0.96 -4.99	34.00 -0.84 -7.89	37.05 -0.82 -9.61	47.11 -0.80 -17.84	48.05 -0.85 -12.14	34.20 -0.39 -16.54	60.18 -1.42 0.00	52.22 -1.59 -0.33	48.35 -1.30 -0.19	38.52 -0.81 0.00	38.96 -0.63 0.00	39.03 -0.96 0.00	36.72 -0.80 0.00	37.57 -1.11 -1.59	41.20 -1.05 0.00	49.42 -0.96 -0.07	86.35 -1.52 -1.47	82.34 -1.18 0.00	53.40 -0.87 0.00	39.94 -1.05 0.00	35.74 -1.11 0.00	42.72 -1.50 0.00
GREENLWN_69_KV_BK 3 55738	46.72 1.48 -8.12	65.49 1.32 -27.76	52.29 1.09 -23.28	64.90 1.13 -36.82	74.24 1.15 -44.82	114.45 1.18 -83.19	92.18 1.79 -53.63	95.25 0.99 -76.20	64.69 3.11 0.00	55.67 2.18 0.00	51.57 2.10 0.00	40.93 1.60 0.00	40.97 1.38 0.00	41.67 1.69 0.00	39.29 1.77 0.00	38.74 1.66 0.00	44.33 2.08 0.00	53.17 2.62 -0.24	96.31 4.56 -5.35	87.69 4.16 0.00	56.66 2.39 0.00	42.75 1.76 0.00	38.58 1.73 0.00	45.95 1.72 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	111.26 2.04 -66.98	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
GRISSOM___SOLAR 323813	50.14 2.12 -10.89	75.70 2.05 -37.24	60.71 1.57 -31.22	77.86 1.52 -49.40	90.05 1.66 -60.13	143.52 1.84 -111.60	111.12 2.41 -71.94	121.51 1.15 -102.32	65.14 3.55 0.00	56.51 3.03 0.00	52.05 2.58 0.00	41.00 1.67 0.00	41.34 1.76 0.00	41.45 1.47 0.00	38.21 0.68 0.00	38.63 1.55 0.00	44.32 2.07 0.00	55.85 2.99 -2.55	148.49 5.55 -56.54	88.84 5.32 0.00	57.70 3.43 0.00	43.48 2.49 0.00	38.97 2.12 0.00	46.59 2.36 0.00
GROVEVILLE___HYD 323602	46.52 1.30 -8.09	65.29 1.20 -27.68	52.06 0.94 -23.20	64.58 0.92 -36.71	73.91 0.97 -44.68	114.17 1.16 -82.93	91.93 1.71 -53.46	94.95 0.94 -75.97	64.55 2.96 0.00	55.79 2.30 0.00	51.51 2.05 0.00	40.93 1.60 0.00	41.09 1.50 0.00	41.55 1.57 0.00	39.06 1.53 0.00	38.63 1.54 0.00	43.98 1.74 0.00	52.98 2.43 -0.24	96.40 4.59 -5.40	87.72 4.19 0.00	56.79 2.52 0.00	42.86 1.87 0.00	38.53 1.67 0.00	45.97 1.75 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.36 -0.76 -1.01	39.06 -0.78 -3.44	30.18 -0.61 -2.88	30.95 -0.56 -4.56	33.23 -0.58 -5.55	39.83 -0.55 -10.30	42.87 -0.52 -6.64	27.32 -0.22 -9.49	60.66 -0.93 0.00	53.20 -0.92 -0.62	49.03 -0.79 -0.36	38.71 -0.62 0.00	38.99 -0.60 0.00	39.22 -0.77 0.00	36.89 -0.63 0.00	36.44 -0.64 0.00	41.68 -0.57 0.00	49.72 -0.59 0.00	85.47 -0.93 0.00	82.66 -0.86 0.00	53.63 -0.64 0.00	40.34 -0.65 0.00	36.18 -0.67 0.00	43.34 -0.88 0.00

HAMLTNNY_34_KV_TB 80303	37.67 -0.50 -1.05	39.44 -0.56 -3.59	30.47 -0.46 -3.01	31.33 -0.39 -4.76	33.65 -0.40 -5.80	40.46 -0.38 -10.76	43.43 -0.27 -6.94	27.85 -0.12 -9.91	61.10 -0.49 0.00	53.40 -0.61 -0.53	49.23 -0.54 -0.30	38.90 -0.43 0.00	39.20 -0.39 0.00	39.42 -0.57 0.00	36.87 -0.66 0.00	36.62 -0.46 0.00	41.86 -0.38 0.00	49.96 -0.35 0.00	86.06 -0.33 0.00	83.22 -0.30 0.00	53.93 -0.34 0.00	40.53 -0.46 0.00	36.34 -0.51 0.00	43.50 -0.73 0.00
HAMPSHIRE___PAPER_HYD 323593	41.70 4.19 -0.39	41.78 4.03 -1.34	31.95 2.91 -1.13	31.39 2.66 -1.78	33.44 3.01 -2.17	37.16 3.06 -4.03	41.36 2.00 -2.60	22.44 1.11 -3.28	68.36 6.78 0.00	72.50 6.42 -12.59	62.80 6.14 -7.19	43.89 4.56 0.00	44.09 4.51 0.00	44.62 4.64 0.00	41.62 4.09 0.00	40.58 3.49 0.00	46.23 3.98 0.00	54.72 4.42 0.00	88.02 1.62 0.00	89.26 5.74 0.00	57.80 3.52 0.00	43.67 2.68 0.00	39.69 2.83 0.00	48.07 3.85 0.00
HARDSCRABBLE_WT_PWR 323673	37.81 0.56 -0.13	37.43 0.57 -0.46	28.73 0.43 -0.38	28.03 0.47 -0.61	29.50 0.50 -0.74	31.90 0.45 -1.37	38.28 0.64 -0.88	18.85 0.37 -0.43	62.59 1.01 0.00	54.21 0.73 0.00	50.05 0.59 0.00	39.67 0.34 0.00	39.91 0.32 0.00	40.13 0.15 0.00	37.22 -0.30 0.00	37.17 0.08 0.00	42.56 0.31 0.00	51.11 0.81 0.00	88.16 1.76 0.00	84.84 1.32 0.00	54.97 0.70 0.00	41.56 0.58 0.00	37.23 0.38 0.00	44.64 0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.46 0.79 -7.55	62.92 0.70 -25.82	50.11 0.55 -21.65	61.75 0.56 -34.24	70.53 0.59 -41.68	108.24 0.81 -77.36	87.90 1.26 -49.87	89.62 0.70 -70.86	63.67 2.09 0.00	55.08 1.60 0.00	50.99 1.53 0.00	40.53 1.20 0.00	40.72 1.14 0.00	41.14 1.15 0.00	38.65 1.13 0.00	38.19 1.10 0.00	43.44 1.19 0.00	52.36 1.83 -0.22	94.93 3.59 -4.93	86.76 3.24 0.00	56.22 1.95 0.00	42.41 1.43 0.00	38.16 1.30 0.00	45.55 1.33 0.00
HARSNRAD_115KV_TB1 81005	34.70 -3.81 -1.39	37.61 -3.57 -4.77	29.15 -2.77 -4.00	30.52 -2.76 -6.32	33.27 -2.69 -7.70	41.56 -2.80 -14.29	42.24 -3.30 -8.77	29.21 -1.86 -13.02	55.65 -5.94 0.00	48.58 -5.22 -0.32	45.59 -4.06 -0.18	36.59 -2.73 0.00	37.08 -2.51 0.00	37.29 -2.70 0.00	34.93 -2.59 0.00	33.13 -2.86 1.09	39.26 -2.98 0.00	46.62 -3.69 0.00	79.78 -6.62 0.00	77.81 -5.71 0.00	50.94 -3.33 0.00	38.03 -2.96 0.00	34.12 -2.73 0.00	41.04 -3.18 0.00
HARZA MOOSE___RIVER 24016	39.36 1.85 -0.38	39.51 1.79 -1.31	30.28 1.26 -1.10	29.80 1.11 -1.74	31.69 1.30 -2.12	35.46 1.44 -3.94	40.80 1.50 -2.54	21.86 0.94 -2.87	66.21 4.62 0.00	67.74 4.55 -9.70	59.16 4.15 -5.54	42.25 2.92 0.00	42.46 2.87 0.00	42.82 2.84 0.00	39.44 1.92 0.00	38.73 1.65 0.00	44.27 2.02 0.00	52.83 2.52 0.00	89.09 2.69 0.00	86.83 3.30 0.00	56.27 2.00 0.00	42.25 1.26 0.00	37.83 0.98 0.00	45.56 1.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.78 -1.27 -0.93	38.31 -1.26 -3.16	29.60 -0.97 -2.65	30.24 -0.90 -4.19	32.41 -0.96 -5.11	38.61 -0.94 -9.48	41.84 -1.02 -6.11	26.37 -0.46 -8.78	59.81 -1.78 0.00	52.42 -1.64 -0.57	48.34 -1.45 -0.33	38.21 -1.11 0.00	38.50 -1.09 0.00	38.73 -1.25 0.00	36.42 -1.11 0.00	35.97 -1.11 0.00	41.13 -1.12 0.00	49.08 -1.23 0.00	84.31 -2.09 0.00	81.54 -1.99 0.00	52.92 -1.35 0.00	39.87 -1.12 0.00	35.77 -1.08 0.00	42.86 -1.37 0.00
HELLGATE_13_KV_LD 55870	46.31 1.07 -8.12	65.08 0.90 -27.77	51.97 0.76 -23.29	64.51 0.73 -36.83	73.84 0.74 -44.84	114.18 0.89 -83.21	91.91 1.51 -53.64	95.16 0.89 -76.22	64.48 2.89 -0.01	55.78 2.30 0.00	51.62 2.16 0.00	41.09 1.76 -0.01	41.19 1.59 -0.01	41.57 1.58 0.00	39.11 1.58 0.00	38.62 1.54 0.00	46.23 1.71 -2.27	52.88 2.33 -0.24	96.01 4.26 -5.36	87.42 3.89 0.00	56.57 2.30 0.00	42.74 1.75 0.00	38.44 1.59 0.00	45.75 1.53 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.31 1.07 -8.12	65.08 0.90 -27.77	51.97 0.76 -23.29	64.51 0.73 -36.83	73.84 0.74 -44.84	114.18 0.89 -83.21	91.91 1.51 -53.64	95.16 0.89 -76.22	64.48 2.89 -0.01	55.78 2.30 0.00	51.62 2.16 0.00	41.09 1.76 -0.01	41.19 1.59 -0.01	41.57 1.58 0.00	39.11 1.58 0.00	38.62 1.54 0.00	46.23 1.71 -2.27	52.88 2.33 -0.24	96.01 4.26 -5.36	87.42 3.89 0.00	56.57 2.30 0.00	42.74 1.75 0.00	38.44 1.59 0.00	45.75 1.53 0.00
HEMPSTEAD____ 23647	46.56 1.32 -8.12	65.34 1.17 -27.76	52.16 0.97 -23.28	64.76 0.98 -36.82	74.09 1.00 -44.82	114.37 1.10 -83.19	92.14 1.76 -53.63	95.24 0.99 -76.20	64.67 3.08 0.00	55.78 2.30 0.00	51.50 2.04 0.00	40.95 1.63 0.00	40.98 1.39 0.00	41.65 1.67 0.00	39.26 1.74 0.00	38.72 1.64 0.00	44.26 2.01 0.00	53.18 2.63 -0.24	96.45 4.70 -5.35	87.78 4.26 0.00	56.72 2.45 0.00	42.83 1.85 0.00	38.60 1.75 0.00	45.94 1.72 0.00
HEWLETT_69_KV_BK3 55828	46.86 1.62 -8.12	65.63 1.47 -27.76	52.38 1.18 -23.28	64.96 1.19 -36.82	74.29 1.21 -44.82	114.58 1.32 -83.19	92.40 2.01 -53.63	95.37 1.12 -76.20	65.12 3.53 0.00	56.21 2.72 0.00	51.85 2.39 0.00	41.32 1.99 0.00	41.35 1.76 0.00	41.98 1.99 0.00	39.57 2.04 0.00	39.04 1.96 0.00	44.56 2.31 0.00	53.52 2.97 -0.24	97.08 5.33 -5.35	88.36 4.84 0.00	57.12 2.85 0.00	43.21 2.23 0.00	38.93 2.08 0.00	46.34 2.12 0.00
HICKLING___1 23621	37.64 -1.65 -2.16	42.23 -1.56 -7.39	32.83 -1.28 -6.20	35.68 -1.07 -9.80	39.08 -1.11 -11.93	51.13 -1.09 -22.14	49.90 -1.34 -14.48	37.82 -0.60 -20.37	59.64 -1.95 0.00	51.44 -2.05 0.00	47.84 -1.62 0.00	38.36 -0.96 0.00	38.97 -0.62 0.00	38.91 -1.07 0.00	36.55 -0.97 0.00	36.12 -1.48 -0.52	40.80 -1.45 0.00	49.26 -1.13 -0.08	86.41 -1.81 -1.82	81.91 -1.61 0.00	52.95 -1.32 0.00	39.52 -1.47 0.00	35.42 -1.44 0.00	42.29 -1.93 0.00
HICKLING___2 23622	37.64 -1.65 -2.16	42.23 -1.56 -7.39	32.83 -1.28 -6.20	35.68 -1.07 -9.80	39.08 -1.11 -11.93	51.13 -1.09 -22.14	49.90 -1.34 -14.48	37.82 -0.60 -20.37	59.64 -1.95 0.00	51.44 -2.05 0.00	47.84 -1.62 0.00	38.36 -0.96 0.00	38.97 -0.62 0.00	38.91 -1.07 0.00	36.55 -0.97 0.00	36.12 -1.48 -0.52	40.80 -1.45 0.00	49.26 -1.13 -0.08	86.41 -1.81 -1.82	81.91 -1.61 0.00	52.95 -1.32 0.00	39.52 -1.47 0.00	35.42 -1.44 0.00	42.29 -1.93 0.00
HIGH FALLS___HY 23754	46.37 1.19 -8.05	65.03 1.07 -27.55	51.85 0.84 -23.10	64.33 0.84 -36.54	73.62 0.88 -44.48	113.75 1.12 -82.55	91.68 1.69 -53.22	94.60 0.94 -75.61	64.53 2.94 0.00	55.56 2.08 0.00	51.20 1.73 0.00	40.60 1.27 0.00	40.86 1.27 0.00	41.49 1.50 0.00	39.07 1.54 0.00	38.53 1.44 0.00	43.84 1.59 0.00	52.98 2.36 -0.31	98.09 4.70 -6.99	87.90 4.37 0.00	56.93 2.66 0.00	42.94 1.95 0.00	38.59 1.73 0.00	45.96 1.73 0.00
HIGH_RIVER___SOLAR 323847	49.01 1.35 -10.53	73.72 1.30 -36.01	59.11 1.00 -30.19	75.69 0.97 -47.77	87.46 1.05 -58.15	139.16 1.16 -107.92	107.85 1.52 -69.57	117.67 0.74 -98.88	63.87 2.28 0.00	55.31 1.82 0.00	51.08 1.62 0.00	40.27 0.95 0.00	40.68 1.09 0.00	40.89 0.90 0.00	37.99 0.47 0.00	38.03 0.95 0.00	43.68 1.43 0.00	55.05 2.06 -2.69	149.81 3.69 -59.72	86.96 3.44 0.00	56.45 2.18 0.00	42.58 1.59 0.00	38.23 1.38 0.00	45.80 1.58 0.00

HILLBURN___GT 23639	45.31 0.54 -7.65	63.02 0.46 -26.16	50.22 0.37 -21.93	62.03 0.39 -34.70	70.91 0.41 -42.23	109.10 0.63 -78.39	88.37 1.07 -50.53	90.47 0.61 -71.80	63.33 1.74 0.00	54.81 1.33 0.00	50.82 1.36 0.00	40.37 1.04 0.00	40.50 0.91 0.00	40.91 0.93 0.00	38.46 0.93 0.00	37.97 0.89 0.00	43.18 0.94 0.00	52.06 1.53 -0.22	94.51 3.10 -5.00	86.28 2.76 0.00	55.91 1.64 0.00	42.21 1.22 0.00	37.98 1.13 0.00	45.35 1.12 0.00
HILLSIDE_115KV_TB1 80332	37.51 -1.83 -2.23	42.25 -1.77 -7.61	32.83 -1.46 -6.38	35.81 -1.24 -10.09	39.25 -1.31 -12.29	51.58 -1.31 -22.81	50.01 -1.64 -14.89	38.29 -0.74 -20.98	59.18 -2.41 0.00	51.09 -2.39 0.00	47.51 -1.95 0.00	38.06 -1.27 0.00	38.69 -0.90 0.00	38.63 -1.36 0.00	36.26 -1.27 0.00	35.91 -1.64 -0.46	40.55 -1.70 0.00	48.82 -1.58 -0.08	85.67 -2.61 -1.88	81.15 -2.38 0.00	52.56 -1.71 0.00	39.28 -1.71 0.00	35.28 -1.58 0.00	42.12 -2.10 0.00
HISHELDN_WT_PWR 323625	35.02 -3.77 -1.66	38.61 -3.48 -5.68	30.02 -2.66 -4.76	31.93 -2.56 -7.54	34.89 -2.54 -9.17	44.44 -2.66 -17.02	42.26 -3.31 -8.81	31.41 -1.74 -15.09	55.89 -5.70 0.00	48.47 -5.32 -0.31	45.27 -4.37 -0.17	36.46 -2.87 0.00	37.07 -2.52 0.00	36.95 -3.04 0.00	34.64 -2.88 0.00	28.20 -3.48 5.41	38.81 -3.43 0.00	47.04 -3.33 -0.06	82.05 -5.72 -1.38	78.33 -5.20 0.00	50.58 -3.69 0.00	37.53 -3.46 0.00	33.45 -3.40 0.00	40.10 -4.13 0.00
HOLTSVILLE_IC_1 23690	47.10 1.86 -8.12	65.83 1.66 -27.76	52.57 1.38 -23.28	65.20 1.42 -36.82	74.55 1.47 -44.82	114.81 1.55 -83.19	92.70 2.30 -53.63	95.48 1.23 -76.20	65.40 3.81 0.00	56.18 2.69 0.00	51.86 2.39 0.00	41.03 1.70 0.00	40.95 1.37 0.00	41.75 1.76 0.00	39.53 2.00 0.00	38.92 1.84 0.00	44.67 2.43 0.00	53.76 3.21 -0.24	97.30 5.54 -5.35	88.90 5.38 0.00	57.35 3.08 0.00	43.20 2.21 0.00	38.95 2.10 0.00	46.27 2.05 0.00
HOLTSVILLE_IC_10 23699	47.29 2.05 -8.12	66.00 1.83 -27.76	52.70 1.51 -23.28	65.32 1.55 -36.82	74.69 1.60 -44.82	114.98 1.71 -83.19	92.90 2.51 -53.63	95.58 1.33 -76.20	65.76 4.17 0.00	56.48 3.00 0.00	52.11 2.64 0.00	41.20 1.87 0.00	41.11 1.52 0.00	41.94 1.95 0.00	39.74 2.22 0.00	39.12 2.04 0.00	44.93 2.68 0.00	54.08 3.53 -0.24	97.89 6.13 -5.35	89.48 5.96 0.00	57.71 3.44 0.00	43.46 2.47 0.00	39.14 2.29 0.00	46.48 2.26 0.00
HOLTSVILLE_IC_2 23691	47.10 1.86 -8.12	65.83 1.66 -27.76	52.57 1.38 -23.28	65.20 1.42 -36.82	74.55 1.47 -44.82	114.81 1.55 -83.19	92.70 2.30 -53.63	95.48 1.23 -76.20	65.40 3.81 0.00	56.18 2.69 0.00	51.86 2.39 0.00	41.03 1.70 0.00	40.95 1.37 0.00	41.75 1.76 0.00	39.53 2.00 0.00	38.92 1.84 0.00	44.67 2.43 0.00	53.76 3.21 -0.24	97.30 5.54 -5.35	88.90 5.38 0.00	57.35 3.08 0.00	43.20 2.21 0.00	38.95 2.10 0.00	46.27 2.05 0.00
HOLTSVILLE_IC_3 23692	47.10 1.86 -8.12	65.83 1.66 -27.76	52.57 1.38 -23.28	65.20 1.42 -36.82	74.55 1.47 -44.82	114.81 1.55 -83.19	92.70 2.30 -53.63	95.48 1.23 -76.20	65.40 3.81 0.00	56.18 2.69 0.00	51.86 2.39 0.00	41.03 1.70 0.00	40.95 1.37 0.00	41.75 1.76 0.00	39.53 2.00 0.00	38.92 1.84 0.00	44.67 2.43 0.00	53.76 3.21 -0.24	97.30 5.54 -5.35	88.90 5.38 0.00	57.35 3.08 0.00	43.20 2.21 0.00	38.95 2.10 0.00	46.27 2.05 0.00
HOLTSVILLE_IC_4 23693	47.10 1.86 -8.12	65.83 1.66 -27.76	52.57 1.38 -23.28	65.20 1.42 -36.82	74.55 1.47 -44.82	114.81 1.55 -83.19	92.70 2.30 -53.63	95.48 1.23 -76.20	65.40 3.81 0.00	56.18 2.69 0.00	51.86 2.39 0.00	41.03 1.70 0.00	40.95 1.37 0.00	41.75 1.76 0.00	39.53 2.00 0.00	38.92 1.84 0.00	44.67 2.43 0.00	53.76 3.21 -0.24	97.30 5.54 -5.35	88.90 5.38 0.00	57.35 3.08 0.00	43.20 2.21 0.00	38.95 2.10 0.00	46.27 2.05 0.00
HOLTSVILLE_IC_5 23694	47.10 1.86 -8.12	65.83 1.66 -27.76	52.57 1.38 -23.28	65.20 1.42 -36.82	74.55 1.47 -44.82	114.81 1.55 -83.19	92.70 2.30 -53.63	95.48 1.23 -76.20	65.40 3.81 0.00	56.18 2.69 0.00	51.86 2.39 0.00	41.03 1.70 0.00	40.95 1.37 0.00	41.75 1.76 0.00	39.53 2.00 0.00	38.92 1.84 0.00	44.67 2.43 0.00	53.76 3.21 -0.24	97.30 5.54 -5.35	88.90 5.38 0.00	57.35 3.08 0.00	43.20 2.21 0.00	38.95 2.10 0.00	46.27 2.05 0.00
HOLTSVILLE_IC_6 23695	47.29 2.05 -8.12	66.00 1.83 -27.76	52.70 1.51 -23.28	65.32 1.55 -36.82	74.69 1.60 -44.82	114.98 1.71 -83.19	92.90 2.51 -53.63	95.58 1.33 -76.20	65.76 4.17 0.00	56.48 3.00 0.00	52.11 2.64 0.00	41.20 1.87 0.00	41.11 1.52 0.00	41.94 1.95 0.00	39.74 2.22 0.00	39.12 2.04 0.00	44.93 2.68 0.00	54.08 3.53 -0.24	97.89 6.13 -5.35	89.48 5.96 0.00	57.71 3.44 0.00	43.46 2.47 0.00	39.14 2.29 0.00	46.48 2.26 0.00
HOLTSVILLE_IC_7 23696	47.29 2.05 -8.12	66.00 1.83 -27.76	52.70 1.51 -23.28	65.32 1.55 -36.82	74.69 1.60 -44.82	114.98 1.71 -83.19	92.90 2.51 -53.63	95.58 1.33 -76.20	65.76 4.17 0.00	56.48 3.00 0.00	52.11 2.64 0.00	41.20 1.87 0.00	41.11 1.52 0.00	41.94 1.95 0.00	39.74 2.22 0.00	39.12 2.04 0.00	44.93 2.68 0.00	54.08 3.53 -0.24	97.89 6.13 -5.35	89.48 5.96 0.00	57.71 3.44 0.00	43.46 2.47 0.00	39.14 2.29 0.00	46.48 2.26 0.00
HOLTSVILLE_IC_8 23697	47.29 2.05 -8.12	66.00 1.83 -27.76	52.70 1.51 -23.28	65.32 1.55 -36.82	74.69 1.60 -44.82	114.98 1.71 -83.19	92.90 2.51 -53.63	95.58 1.33 -76.20	65.76 4.17 0.00	56.48 3.00 0.00	52.11 2.64 0.00	41.20 1.87 0.00	41.11 1.52 0.00	41.94 1.95 0.00	39.74 2.22 0.00	39.12 2.04 0.00	44.93 2.68 0.00	54.08 3.53 -0.24	97.89 6.13 -5.35	89.48 5.96 0.00	57.71 3.44 0.00	43.46 2.47 0.00	39.14 2.29 0.00	46.48 2.26 0.00
HOLTSVILLE_IC_9 23698	47.29 2.05 -8.12	66.00 1.83 -27.76	52.70 1.51 -23.28	65.32 1.55 -36.82	74.69 1.60 -44.82	114.98 1.71 -83.19	92.90 2.51 -53.63	95.58 1.33 -76.20	65.76 4.17 0.00	56.48 3.00 0.00	52.11 2.64 0.00	41.20 1.87 0.00	41.11 1.52 0.00	41.94 1.95 0.00	39.74 2.22 0.00	39.12 2.04 0.00	44.93 2.68 0.00	54.08 3.53 -0.24	97.89 6.13 -5.35	89.48 5.96 0.00	57.71 3.44 0.00	43.46 2.47 0.00	39.14 2.29 0.00	46.48 2.26 0.00
HOMER_HL_115KV_TB2 355744	36.69 -2.09 -1.66	40.19 -1.91 -5.69	31.08 -1.61 -4.77	33.08 -1.42 -7.55	35.99 -1.46 -9.18	45.55 -1.58 -17.05	45.94 -1.81 -10.99	32.71 -0.99 -15.65	58.47 -3.12 0.00	51.53 -2.26 -0.30	48.50 -1.13 -0.17	38.80 -0.53 0.00	39.36 -0.23 0.00	39.32 -0.67 0.00	36.73 -0.80 0.00	35.89 -1.19 0.00	41.30 -0.95 0.00	49.29 -1.08 -0.06	86.12 -1.65 -1.38	82.39 -1.13 0.00	53.48 -0.79 0.00	39.86 -1.13 0.00	35.84 -1.01 0.00	42.86 -1.36 0.00
HOWARD_WT_PWR 323690	35.87 -3.10 -1.84	39.85 -2.86 -6.30	30.94 -2.27 -5.29	33.36 -1.96 -8.36	36.43 -2.00 -10.18	46.81 -2.16 -18.89	47.63 -2.68 -13.55	34.41 -1.33 -17.68	57.08 -4.51 0.00	49.44 -4.35 -0.30	46.11 -3.53 -0.17	36.94 -2.39 0.00	37.74 -1.85 0.00	37.78 -2.20 0.00	35.35 -2.17 0.00	37.55 -2.95 -3.42	39.18 -3.07 0.00	47.49 -2.89 -0.07	83.30 -4.64 -1.54	79.10 -4.42 0.00	50.77 -3.50 0.00	37.50 -3.49 0.00	33.36 -3.50 0.00	39.86 -4.36 0.00

HQ_GEN_CEDARS 23644	44.25 6.81 -0.32	44.09 6.58 -1.10	33.71 4.87 -0.92	32.99 4.58 -1.46	35.04 5.00 -1.78	38.38 5.01 -3.30	41.37 2.48 -2.13	22.25 1.52 -2.69	72.08 10.49 0.00	78.62 9.44 -15.69	67.63 9.20 -8.97	46.45 7.12 0.00	46.69 7.10 0.00	47.30 7.31 0.00	44.14 6.61 0.00	42.95 5.87 0.00	48.70 6.46 0.00	57.25 6.94 0.00	87.78 1.37 0.00	93.53 10.01 0.00	60.62 6.35 0.00	46.05 5.07 0.00	42.36 5.51 0.00	51.40 7.18 0.00
HQ_GEN_CEDARS_PROXY 323590	44.25 6.81 -0.32	44.09 6.59 -1.10	33.71 4.88 -0.92	32.99 4.58 -1.46	35.04 5.00 -1.78	38.38 5.01 -3.30	47.40 2.48 -8.16	21.52 1.52 -1.95	72.09 10.50 0.00	78.62 9.44 -15.69	67.64 9.20 -8.97	46.45 7.12 0.00	46.69 7.10 0.00	47.30 7.32 0.00	44.14 6.61 0.00	42.96 5.87 0.00	48.70 6.46 0.00	57.25 6.94 0.00	87.78 1.38 0.00	93.53 10.00 0.00	60.62 6.35 0.00	46.05 5.06 0.00	42.36 5.51 0.00	51.40 7.17 0.00
HQ_GEN_IMPORT 323601	37.62 0.49 0.00	36.91 0.51 0.00	28.30 0.38 0.00	27.29 0.34 0.00	28.63 0.37 0.00	30.41 0.33 0.00	37.28 0.26 -0.26	16.95 0.04 1.14	59.79 0.45 2.25	53.38 0.51 0.62	49.52 0.41 0.35	39.70 0.37 0.00	39.99 0.40 0.00	40.50 0.52 0.00	38.02 0.50 0.00	37.55 0.47 0.00	42.66 0.41 0.00	50.56 0.25 0.00	86.59 0.19 0.00	83.89 0.37 0.00	54.62 0.35 0.00	41.34 0.35 0.00	37.20 0.35 0.00	44.72 0.50 0.00
HQ_GEN_WHEEL 23651	37.62 0.49 0.00	36.91 0.51 0.00	28.30 0.38 0.00	27.29 0.34 0.00	28.63 0.37 0.00	30.41 0.33 0.00	37.28 0.26 -0.26	16.95 0.04 1.14	59.79 0.45 2.25	53.38 0.51 0.62	49.52 0.41 0.35	39.70 0.37 0.00	39.99 0.40 0.00	40.50 0.52 0.00	38.02 0.50 0.00	37.55 0.47 0.00	42.66 0.41 0.00	50.56 0.25 0.00	86.59 0.19 0.00	83.89 0.37 0.00	54.62 0.35 0.00	41.34 0.35 0.00	37.20 0.35 0.00	44.72 0.50 0.00
HUDSON AVE_GT_3 23810	46.22 0.98 -8.12	65.01 0.84 -27.77	51.87 0.67 -23.28	64.44 0.66 -36.83	73.77 0.68 -44.83	114.11 0.82 -83.21	91.82 1.42 -53.64	95.11 0.85 -76.22	64.28 2.69 0.00	55.65 2.16 0.00	51.45 1.98 0.00	40.95 1.62 0.00	41.05 1.46 0.00	41.45 1.47 0.00	38.98 1.46 0.00	38.54 1.45 0.00	43.83 1.58 0.00	52.75 2.20 -0.24	95.80 4.05 -5.35	87.14 3.61 0.00	56.44 2.17 0.00	42.62 1.64 0.00	38.35 1.50 0.00	45.67 1.45 0.00
HUDSON AVE_GT_4 23540	46.22 0.98 -8.12	65.01 0.84 -27.77	51.87 0.67 -23.28	64.44 0.66 -36.83	73.77 0.68 -44.83	114.11 0.82 -83.21	91.82 1.42 -53.64	95.11 0.85 -76.22	64.28 2.69 0.00	55.65 2.16 0.00	51.45 1.98 0.00	40.95 1.62 0.00	41.05 1.46 0.00	41.45 1.47 0.00	38.98 1.46 0.00	38.54 1.45 0.00	43.83 1.58 0.00	52.75 2.20 -0.24	95.80 4.05 -5.35	87.14 3.61 0.00	56.44 2.17 0.00	42.62 1.64 0.00	38.35 1.50 0.00	45.67 1.45 0.00
HUDSON AVE_GT_5 23657	46.22 0.98 -8.12	65.01 0.84 -27.77	51.87 0.67 -23.28	64.44 0.66 -36.83	73.77 0.68 -44.83	114.11 0.82 -83.21	91.82 1.42 -53.64	95.11 0.85 -76.22	64.28 2.69 0.00	55.65 2.16 0.00	51.45 1.98 0.00	40.95 1.62 0.00	41.05 1.46 0.00	41.45 1.47 0.00	38.98 1.46 0.00	38.54 1.45 0.00	43.83 1.58 0.00	52.75 2.20 -0.24	95.80 4.05 -5.35	87.14 3.61 0.00	56.44 2.17 0.00	42.62 1.64 0.00	38.35 1.50 0.00	45.67 1.45 0.00
HUDSON_AVE_10 24168	46.12 0.88 -8.12	64.91 0.73 -27.77	51.78 0.58 -23.28	64.35 0.57 -36.83	73.68 0.59 -44.83	114.01 0.73 -83.21	91.74 1.34 -53.64	95.08 0.82 -76.22	64.17 2.58 0.00	55.56 2.08 0.00	51.30 1.84 0.00	40.84 1.51 0.00	40.93 1.34 0.00	41.31 1.32 0.00	38.85 1.33 0.00	38.43 1.35 0.00	43.68 1.44 0.00	52.62 2.07 -0.24	95.60 3.84 -5.35	86.89 3.37 0.00	56.28 2.01 0.00	42.50 1.51 0.00	38.24 1.39 0.00	45.51 1.29 0.00
HUDSON___115KV_TB 4 355613	48.82 2.08 -9.63	71.38 2.05 -32.92	57.09 1.57 -27.60	72.15 1.54 -43.67	83.05 1.63 -53.16	130.50 1.77 -98.66	102.56 2.20 -63.60	109.40 1.05 -90.30	64.93 3.34 0.00	56.26 2.77 0.00	51.90 2.44 0.00	41.18 1.85 0.00	41.10 1.52 0.00	41.73 1.74 0.00	39.01 1.49 0.00	38.69 1.60 0.00	44.23 1.99 0.00	53.91 2.71 -0.90	111.26 4.91 -19.95	88.12 4.59 0.00	57.10 2.83 0.00	43.07 2.08 0.00	38.67 1.82 0.00	46.59 2.37 0.00
HUNTER MOUNT___DRP 323613	48.88 2.35 -9.40	70.89 2.33 -32.15	56.66 1.78 -26.96	71.34 1.74 -42.65	82.02 1.85 -51.91	128.44 2.01 -96.35	101.37 2.50 -62.11	107.46 1.21 -88.20	65.56 3.98 0.00	56.72 3.24 0.00	52.36 2.90 0.00	41.53 2.21 0.00	41.38 1.79 0.00	42.03 2.04 0.00	39.26 1.74 0.00	38.90 1.81 0.00	44.60 2.36 0.00	54.26 3.16 -0.78	109.52 5.73 -17.39	88.90 5.38 0.00	57.61 3.34 0.00	43.42 2.43 0.00	38.96 2.10 0.00	46.89 2.66 0.00
HUNTINGTON_RES_REC 323705	47.02 1.79 -8.12	65.75 1.58 -27.76	52.50 1.31 -23.28	65.12 1.35 -36.82	74.48 1.40 -44.82	114.72 1.45 -83.19	92.55 2.16 -53.63	95.42 1.16 -76.20	65.23 3.64 0.00	56.07 2.58 0.00	51.82 2.35 0.00	41.03 1.70 0.00	41.01 1.43 0.00	41.80 1.82 0.00	39.51 1.99 0.00	38.92 1.84 0.00	44.63 2.38 0.00	53.62 3.07 -0.24	97.15 5.40 -5.35	88.61 5.09 0.00	57.21 2.94 0.00	43.11 2.13 0.00	38.87 2.02 0.00	46.22 2.00 0.00
HUNTLEY___63 23557	35.28 -3.26 -1.43	38.32 -2.96 -4.88	29.68 -2.33 -4.09	31.09 -2.33 -6.47	33.89 -2.24 -7.87	42.36 -2.32 -14.61	43.16 -2.69 -9.09	29.83 -1.55 -13.34	56.71 -4.88 0.00	49.43 -4.37 -0.32	46.25 -3.40 -0.18	37.07 -2.26 0.00	37.55 -2.04 0.00	37.77 -2.22 0.00	35.37 -2.16 0.00	33.88 -2.40 0.81	39.83 -2.41 0.00	47.26 -3.05 0.00	80.91 -5.49 0.00	78.92 -4.60 0.00	51.62 -2.65 0.00	38.50 -2.49 0.00	34.54 -2.32 0.00	41.53 -2.69 0.00
HUNTLEY___64 23558	35.28 -3.26 -1.43	38.32 -2.96 -4.88	29.68 -2.33 -4.09	31.09 -2.33 -6.47	33.89 -2.24 -7.87	42.36 -2.32 -14.61	43.16 -2.69 -9.09	29.83 -1.55 -13.34	56.71 -4.88 0.00	49.43 -4.37 -0.32	46.25 -3.40 -0.18	37.07 -2.26 0.00	37.55 -2.04 0.00	37.77 -2.22 0.00	35.37 -2.16 0.00	33.88 -2.40 0.81	39.83 -2.41 0.00	47.26 -3.05 0.00	80.91 -5.49 0.00	78.92 -4.60 0.00	51.62 -2.65 0.00	38.50 -2.49 0.00	34.54 -2.32 0.00	41.53 -2.69 0.00
HUNTLEY___65 23559	35.28 -3.26 -1.43	38.32 -2.96 -4.88	29.68 -2.33 -4.09	31.09 -2.33 -6.47	33.89 -2.24 -7.87	42.36 -2.32 -14.61	43.16 -2.69 -9.09	29.83 -1.55 -13.34	56.71 -4.88 0.00	49.43 -4.37 -0.32	46.25 -3.40 -0.18	37.07 -2.26 0.00	37.55 -2.04 0.00	37.77 -2.22 0.00	35.37 -2.16 0.00	33.88 -2.40 0.81	39.83 -2.41 0.00	47.26 -3.05 0.00	80.91 -5.49 0.00	78.92 -4.60 0.00	51.62 -2.65 0.00	38.50 -2.49 0.00	34.54 -2.32 0.00	41.53 -2.69 0.00
HUNTLEY___66 23560	35.28 -3.26 -1.43	38.32 -2.96 -4.88	29.68 -2.33 -4.09	31.09 -2.33 -6.47	33.89 -2.24 -7.87	42.36 -2.32 -14.61	43.16 -2.69 -9.09	29.83 -1.55 -13.34	56.71 -4.88 0.00	49.43 -4.37 -0.32	46.25 -3.40 -0.18	37.07 -2.26 0.00	37.55 -2.04 0.00	37.77 -2.22 0.00	35.37 -2.16 0.00	33.88 -2.40 0.81	39.83 -2.41 0.00	47.26 -3.05 0.00	80.91 -5.49 0.00	78.92 -4.60 0.00	51.62 -2.65 0.00	38.50 -2.49 0.00	34.54 -2.32 0.00	41.53 -2.69 0.00



HUNTLEY___67 23561	35.32 -3.24 -1.44	38.38 -2.95 -4.93	29.77 -2.28 -4.13	31.20 -2.29 -6.54	34.01 -2.20 -7.96	42.51 -2.33 -14.77	43.27 -2.71 -9.21	29.98 -1.56 -13.49	56.66 -4.93 0.00	49.42 -4.38 -0.31	46.20 -3.45 -0.18	37.01 -2.32 0.00	37.49 -2.10 0.00	37.68 0.00 0.00	35.27 -2.25 0.00	33.89 -2.43 0.77	39.78 -2.46 0.00	47.18 -3.13 0.00	80.77 -5.63 0.00	78.75 -4.78 0.00	51.50 -2.77 0.00	38.38 -2.60 0.00	34.46 -2.39 0.00	41.40 -2.82 0.00
HUNTLEY___68 23562	35.32 -3.24 -1.44	38.38 -2.95 -4.93	29.77 -2.28 -4.13	31.20 -2.29 -6.54	34.01 -2.20 -7.96	42.51 -2.33 -14.77	43.27 -2.71 -9.21	29.98 -1.56 -13.49	56.66 -4.93 0.00	49.42 -4.38 -0.31	46.20 -3.45 -0.18	37.01 -2.32 0.00	37.49 -2.10 0.00	37.68 -2.30 0.00	35.27 -2.25 0.00	33.89 -2.43 0.77	39.78 -2.46 0.00	47.18 -3.13 0.00	80.77 -5.63 0.00	78.75 -4.78 0.00	51.50 -2.77 0.00	38.38 -2.60 0.00	34.46 -2.39 0.00	41.40 -2.82 0.00
HYLAND___LFG 323620	37.66 -1.04 -1.57	40.86 -0.91 -5.37	31.68 -0.73 -4.50	33.40 -0.67 -7.12	36.38 -0.55 -8.66	45.74 -0.42 -16.08	48.43 -0.20 -11.87	33.03 -0.16 -15.14	60.80 -0.79 0.00	52.36 -1.44 -0.32	47.58 -2.07 -0.18	37.88 -1.44 0.00	38.34 -1.25 0.00	38.51 -1.48 0.00	36.21 -1.32 0.00	38.91 -1.92 -3.74	40.26 -1.98 0.00	49.02 -1.35 -0.06	87.48 -0.22 -1.30	84.04 0.52 0.00	54.43 0.16 0.00	40.53 -0.46 0.00	36.13 -0.72 0.00	43.13 -1.09 0.00
INDECK___CORINTH 23802	51.18 3.94 -10.11	74.90 3.91 -34.59	59.90 2.99 -29.00	75.70 2.88 -45.87	87.20 3.10 -55.84	136.94 3.22 -103.64	107.63 4.06 -66.81	115.06 2.04 -94.97	68.17 6.58 0.00	59.15 5.67 0.00	54.30 4.84 0.00	43.06 3.73 0.00	43.50 3.91 0.00	43.96 3.97 0.00	40.71 3.18 0.00	40.75 3.66 0.00	46.96 4.72 0.00	58.83 6.09 -2.44	151.11 10.61 -54.11	93.47 9.95 0.00	60.35 6.08 0.00	45.49 4.50 0.00	40.77 3.92 0.00	48.98 4.76 0.00
INDECK___ILION 23567	37.72 0.46 -0.13	37.31 0.45 -0.46	28.65 0.35 -0.38	27.92 0.36 -0.61	29.38 0.38 -0.74	31.82 0.37 -1.37	38.15 0.51 -0.88	18.77 0.29 -0.43	62.44 0.85 0.00	54.15 0.66 0.00	50.02 0.56 0.00	39.68 0.35 0.00	39.92 0.33 0.00	40.22 0.24 0.00	37.53 0.00 0.00	37.28 0.20 0.00	42.60 0.35 0.00	50.98 0.67 0.00	87.83 1.43 0.00	84.63 1.11 0.00	54.89 0.62 0.00	41.46 0.48 0.00	37.20 0.35 0.00	44.61 0.39 0.00
INDECK___OLEAN 23982	36.69 -2.10 -1.66	40.18 -1.91 -5.69	31.08 -1.61 -4.77	33.08 -1.42 -7.55	36.00 -1.45 -9.18	45.55 -1.58 -17.05	45.94 -1.81 -10.99	32.72 -0.98 -15.65	58.47 -3.12 0.00	51.52 -2.27 -0.30	48.51 -1.13 -0.17	38.80 -0.53 0.00	39.36 -0.23 0.00	39.34 -0.64 0.00	36.73 -0.80 0.00	35.92 -1.17 0.00	41.30 -0.95 0.00	49.29 -1.08 -0.06	86.12 -1.65 -1.38	82.39 -1.13 0.00	53.48 -0.79 0.00	39.86 -1.13 0.00	35.84 -1.01 0.00	42.87 -1.36 0.00
INDECK___OSWEGO 23783	37.78 -0.21 -0.86	39.12 -0.23 -2.95	30.18 -0.20 -2.47	30.65 -0.21 -3.91	32.86 -0.17 -4.77	38.86 -0.06 -8.84	42.50 0.04 -5.70	26.19 0.04 -8.10	61.71 0.12 0.00	55.34 0.14 -1.71	50.56 0.12 -0.98	39.37 0.04 0.00	39.66 0.07 0.00	39.89 -0.09 0.00	37.53 0.01 0.00	37.05 -0.04 0.00	42.48 0.24 0.00	50.76 0.44 0.00	86.80 0.39 0.00	84.07 0.55 0.00	54.47 0.19 0.00	40.94 -0.05 0.00	36.64 -0.21 0.00	43.89 -0.33 0.00
INDECK___YERKES 23781	35.32 -3.23 -1.43	38.37 -2.92 -4.88	29.71 -2.30 -4.09	31.11 -2.31 -6.47	33.92 -2.21 -7.87	42.40 -2.28 -14.61	43.20 -2.65 -9.09	29.86 -1.53 -13.34	56.76 -4.83 0.00	49.46 -4.34 -0.32	46.30 -3.35 -0.18	37.11 -2.22 0.00	37.57 -2.02 0.00	37.82 -2.17 0.00	35.40 -2.13 0.00	33.92 -2.36 0.81	39.88 -2.37 0.00	47.32 -2.99 0.00	81.00 -5.40 0.00	79.00 -4.53 0.00	51.67 -2.60 0.00	38.53 -2.46 0.00	34.57 -2.28 0.00	41.57 -2.65 0.00
INDIAN POINT_GT_1 24139	45.69 0.64 -7.93	64.07 0.54 -27.13	51.10 0.44 -22.74	63.37 0.44 -35.98	72.52 0.47 -43.80	112.02 0.66 -81.28	90.26 1.10 -52.40	93.15 0.64 -74.46	63.46 1.87 0.00	54.90 1.42 0.00	50.84 1.37 0.00	40.39 1.07 0.00	40.52 0.93 0.00	40.94 0.96 0.00	38.48 0.96 0.00	38.04 0.96 0.00	43.27 1.03 0.00	52.13 1.59 -0.23	94.77 3.15 -5.22	86.31 2.79 0.00	55.92 1.65 0.00	42.22 1.23 0.00	38.00 1.15 0.00	45.36 1.13 0.00
INDIAN POINT_GT_2 23659	45.69 0.64 -7.93	64.07 0.54 -27.13	51.10 0.44 -22.74	63.37 0.44 -35.98	72.52 0.47 -43.80	112.02 0.66 -81.28	90.26 1.10 -52.40	93.15 0.64 -74.46	63.46 1.87 0.00	54.90 1.42 0.00	50.84 1.37 0.00	40.39 1.07 0.00	40.52 0.93 0.00	40.94 0.96 0.00	38.48 0.96 0.00	38.04 0.96 0.00	43.27 1.03 0.00	52.13 1.59 -0.23	94.77 3.15 -5.22	86.31 2.79 0.00	55.92 1.65 0.00	42.22 1.23 0.00	38.00 1.15 0.00	45.36 1.13 0.00
INDIAN POINT_GT_3 24019	45.69 0.64 -7.93	64.07 0.54 -27.13	51.10 0.44 -22.74	63.37 0.44 -35.98	72.52 0.47 -43.80	112.02 0.66 -81.28	90.26 1.10 -52.40	93.15 0.64 -74.46	63.46 1.87 0.00	54.90 1.42 0.00	50.84 1.37 0.00	40.39 1.07 0.00	40.52 0.93 0.00	40.94 0.96 0.00	38.48 0.96 0.00	38.04 0.96 0.00	43.27 1.03 0.00	52.13 1.59 -0.23	94.77 3.15 -5.22	86.31 2.79 0.00	55.92 1.65 0.00	42.22 1.23 0.00	38.00 1.15 0.00	45.36 1.13 0.00
INDIAN POINT___2 23530	45.31 0.46 -7.73	63.20 0.37 -26.43	50.37 0.30 -22.16	62.32 0.32 -35.05	71.27 0.34 -42.66	109.80 0.54 -79.18	88.77 0.96 -51.05	91.14 0.55 -72.53	63.14 1.55 0.00	54.63 1.14 0.00	50.64 1.18 0.00	40.22 0.89 0.00	40.36 0.77 0.00	40.77 0.79 0.00	38.32 0.79 0.00	37.86 0.78 0.00	43.05 0.81 0.00	51.89 1.36 -0.23	94.26 2.80 -5.06	85.98 2.46 0.00	55.71 1.44 0.00	42.07 1.08 0.00	37.86 1.01 0.00	45.21 0.99 0.00
INDIAN POINT___3 23531	45.76 0.65 -7.99	64.28 0.55 -27.32	51.27 0.44 -22.91	63.65 0.46 -36.24	72.85 0.48 -44.11	112.61 0.66 -81.88	90.65 1.11 -52.78	93.69 0.64 -75.00	63.50 1.91 0.00	54.95 1.46 0.00	50.88 1.41 0.00	40.43 1.10 0.00	40.55 0.96 0.00	40.98 0.99 0.00	38.52 0.99 0.00	38.07 0.98 0.00	43.31 1.06 0.00	52.16 1.62 -0.24	94.82 3.16 -5.26	86.33 2.81 0.00	55.92 1.65 0.00	42.24 1.25 0.00	38.01 1.16 0.00	45.38 1.15 0.00
INGHAM_C_115KV_TB7 356103	37.91 0.65 -0.13	37.54 0.68 -0.46	28.81 0.51 -0.38	28.11 0.55 -0.61	29.58 0.58 -0.74	31.96 0.51 -1.37	38.37 0.72 -0.88	18.92 0.45 -0.43	62.71 1.13 0.00	54.28 0.80 0.00	50.05 0.59 0.00	39.64 0.31 0.00	39.86 0.27 0.00	40.05 0.06 0.00	37.03 -0.49 0.00	37.14 0.05 0.00	42.59 0.34 0.00	51.24 0.93 0.00	88.56 2.16 0.00	85.16 1.64 0.00	55.09 0.82 0.00	41.67 0.68 0.00	37.32 0.47 0.00	44.75 0.52 0.00
IP CORINTH___1 23988	51.18 3.94 -10.11	74.90 3.91 -34.59	59.90 2.99 -29.00	75.71 2.88 -45.87	87.20 3.10 -55.84	136.94 3.22 -103.64	107.63 4.06 -66.81	115.06 2.04 -94.97	68.17 6.58 0.00	59.15 5.67 0.00	54.30 4.84 0.00	43.06 3.73 0.00	43.50 3.91 0.00	43.96 3.98 0.00	40.71 3.18 0.00	40.74 3.66 0.00	46.96 4.72 0.00	58.84 6.09 -2.44	151.12 10.61 -54.11	93.47 9.95 0.00	60.35 6.08 0.00	45.48 4.50 0.00	40.77 3.92 0.00	48.98 4.76 0.00

IP__TICONDEROGA 23804	53.06 5.83 -10.11	76.78 5.81 -34.57	61.32 4.42 -28.98	77.03 4.23 -45.85	88.59 4.52 -55.81	138.11 4.45 -103.59	109.09 5.55 -66.78	115.73 2.76 -94.92	69.91 8.33 0.00	61.07 7.58 0.00	55.88 6.42 0.00	44.14 4.81 0.00	45.32 5.73 0.00	45.95 5.96 0.00	42.08 4.56 0.00	42.38 5.29 0.00	49.32 7.07 0.00	61.88 9.15 -2.43	156.30 16.03 -53.87	98.63 15.11 0.00	63.46 9.18 0.00	47.71 6.73 0.00	42.73 5.88 0.00	51.34 7.12 0.00
ISLIP_RES_REC 323679	47.43 2.19 -8.12	66.13 1.96 -27.76	52.81 1.62 -23.28	65.43 1.66 -36.82	74.80 1.72 -44.82	115.10 1.83 -83.19	93.07 2.68 -53.63	95.67 1.42 -76.20	66.07 4.48 0.00	56.75 3.26 0.00	52.31 2.84 0.00	41.34 2.02 0.00	41.23 1.64 0.00	42.09 2.11 0.00	39.90 2.38 0.00	39.30 2.22 0.00	45.12 2.87 0.00	54.33 3.78 -0.24	98.37 6.62 -5.35	89.92 6.40 0.00	58.00 3.73 0.00	43.65 2.66 0.00	39.30 2.45 0.00	46.64 2.42 0.00
JAMAICA__27_KV_LOAD 355505	46.41 1.17 -8.12	65.14 0.96 -27.77	51.97 0.77 -23.28	64.53 0.75 -36.83	73.88 0.78 -44.83	114.22 0.94 -83.21	92.09 1.68 -53.64	95.27 1.01 -76.22	64.83 3.25 0.00	56.10 2.62 0.00	51.65 2.19 0.00	41.14 1.81 0.00	41.22 1.64 0.00	41.55 1.57 0.00	39.09 1.56 0.00	38.72 1.64 0.00	43.93 1.69 0.00	53.03 2.48 -0.24	96.30 4.55 -5.35	87.61 4.08 0.00	56.76 2.49 0.00	42.82 1.83 0.00	38.53 1.68 0.00	45.77 1.55 0.00
JANIS__SOLAR 323808	39.94 0.53 -2.30	44.76 0.50 -7.86	35.01 0.50 -6.59	37.90 0.52 -10.42	41.57 0.62 -12.69	54.49 0.87 -23.55	53.37 1.33 -15.28	40.33 0.63 -21.65	63.48 1.89 0.00	54.71 1.23 0.00	50.65 1.18 0.00	39.91 0.58 0.00	40.00 0.41 0.00	40.04 0.05 0.00	37.78 0.25 0.00	37.69 0.35 -0.26	42.63 0.39 0.00	51.20 0.77 -0.13	91.30 2.10 -2.80	85.64 2.12 0.00	55.33 1.07 0.00	41.40 0.41 0.00	37.08 0.23 0.00	44.28 0.05 0.00
JARVIS____ 23743	37.45 0.19 -0.13	37.05 0.18 -0.46	28.44 0.14 -0.38	27.70 0.14 -0.61	29.14 0.14 -0.74	31.60 0.15 -1.37	37.84 0.20 -0.88	18.60 0.13 -0.43	61.96 0.37 0.00	53.81 0.32 0.00	49.78 0.31 0.00	39.52 0.19 0.00	39.76 0.17 0.00	40.15 0.16 0.00	37.65 0.13 0.00	37.21 0.13 0.00	42.41 0.17 0.00	50.59 0.28 0.00	86.96 0.56 0.00	83.94 0.42 0.00	54.52 0.25 0.00	41.16 0.17 0.00	37.00 0.15 0.00	44.40 0.18 0.00
JENNISON__1 23625	40.01 -0.01 -2.90	46.26 -0.05 -9.90	36.45 0.22 -8.30	40.33 0.24 -13.14	44.60 0.35 -15.99	60.30 0.55 -29.68	56.78 0.88 -19.13	45.68 0.41 -27.22	62.74 1.15 0.00	54.67 1.18 0.00	50.59 1.12 0.00	40.00 0.67 0.00	40.40 0.82 0.00	40.24 0.26 0.00	38.06 0.53 0.00	37.47 0.39 0.00	42.35 0.10 0.00	50.56 0.05 -0.20	91.13 0.25 -4.48	84.01 0.49 0.00	54.20 -0.07 0.00	40.53 -0.46 0.00	36.36 -0.49 0.00	43.45 -0.77 0.00
JENNISON__2 23626	40.01 -0.01 -2.90	46.26 -0.05 -9.90	36.45 0.22 -8.30	40.33 0.24 -13.14	44.60 0.35 -15.99	60.30 0.55 -29.68	56.78 0.88 -19.13	45.68 0.41 -27.22	62.74 1.15 0.00	54.67 1.18 0.00	50.59 1.12 0.00	40.00 0.67 0.00	40.40 0.82 0.00	40.24 0.26 0.00	38.06 0.53 0.00	37.47 0.39 0.00	42.35 0.10 0.00	50.56 0.05 -0.20	91.13 0.25 -4.48	84.01 0.49 0.00	54.20 -0.07 0.00	40.53 -0.46 0.00	36.36 -0.49 0.00	43.45 -0.77 0.00
JERICHO_RISE_WT_PWR 323719	38.34 1.22 0.00	37.48 1.08 0.00	28.68 0.76 0.00	27.63 0.68 0.00	29.02 0.75 0.00	30.81 0.73 0.00	37.35 0.59 0.00	18.25 0.20 0.00	62.92 1.33 0.00	51.83 1.30 2.96	48.90 1.12 1.69	40.28 0.96 0.00	40.66 1.08 0.00	41.47 1.49 0.00	38.68 1.15 0.00	38.38 1.30 0.00	43.63 1.38 0.00	51.54 1.22 0.00	87.73 1.34 0.00	85.49 1.97 0.00	55.49 1.22 0.00	42.08 1.10 0.00	38.02 1.17 0.00	45.90 1.67 0.00
KATONAH__115KV_46KV_TB4 355592	46.54 1.23 -8.18	65.53 1.14 -27.99	52.26 0.87 -23.47	64.94 0.86 -37.12	74.37 0.92 -45.19	115.06 1.11 -83.87	92.52 1.70 -54.07	95.81 0.94 -76.83	64.54 2.95 0.00	55.81 2.32 0.00	51.54 2.07 0.00	40.95 1.62 0.00	41.06 1.48 0.00	41.50 1.52 0.00	39.02 1.49 0.00	38.58 1.50 0.00	43.94 1.70 0.00	52.90 2.35 -0.24	96.34 4.52 -5.42	87.58 4.06 0.00	56.70 2.43 0.00	42.79 1.81 0.00	38.47 1.62 0.00	45.88 1.66 0.00
KCE_NY_1 323755	49.78 2.52 -10.13	73.55 2.49 -34.65	58.87 1.90 -29.05	74.74 1.83 -45.96	86.16 1.96 -55.95	135.98 2.07 -103.84	106.31 2.61 -66.94	114.52 1.31 -95.15	65.80 4.21 0.00	57.04 3.56 0.00	52.64 3.17 0.00	41.75 2.42 0.00	42.08 2.49 0.00	42.43 2.45 0.00	39.57 2.04 0.00	39.36 2.28 0.00	45.20 2.95 0.00	56.59 3.81 -2.47	148.10 6.77 -54.93	89.79 6.27 0.00	58.08 3.81 0.00	43.75 2.76 0.00	39.33 2.47 0.00	47.22 3.00 0.00
KCE_NY_6_ESR 323823	36.06 -2.56 -1.49	39.22 -2.29 -5.11	30.39 -1.81 -4.28	31.91 -1.81 -6.77	34.79 -1.71 -8.24	43.59 -1.78 -15.30	44.30 -2.06 -9.60	30.82 -1.22 -13.98	57.84 -3.75 0.00	50.49 -3.31 -0.31	47.15 -2.49 -0.18	37.81 -1.51 0.00	38.34 -1.24 0.00	38.49 -1.49 0.00	35.97 -1.55 0.00	34.68 -1.76 0.65	40.60 -1.65 0.00	48.23 -2.08 0.00	82.71 -3.69 0.00	80.58 -2.94 0.00	52.62 -1.66 0.00	39.19 -1.80 0.00	35.12 -1.73 0.00	42.17 -2.05 0.00
KEDC_PORT_JEFF_GT2 24210	47.25 2.01 -8.12	65.96 1.79 -27.76	52.67 1.48 -23.28	65.30 1.53 -36.82	74.66 1.57 -44.82	114.93 1.67 -83.19	92.85 2.46 -53.63	95.55 1.30 -76.20	65.67 4.09 0.00	56.40 2.91 0.00	52.04 2.58 0.00	41.17 1.84 0.00	41.07 1.48 0.00	41.86 1.87 0.00	39.69 2.16 0.00	39.08 1.99 0.00	44.88 2.64 0.00	54.01 3.46 -0.24	97.78 6.03 -5.35	89.33 5.81 0.00	57.63 3.37 0.00	43.41 2.42 0.00	39.11 2.26 0.00	46.44 2.22 0.00
KEDC_PORT_JEFF_GT3 24211	47.25 2.01 -8.12	65.96 1.79 -27.76	52.67 1.48 -23.28	65.30 1.53 -36.82	74.66 1.57 -44.82	114.93 1.67 -83.19	92.85 2.46 -53.63	95.55 1.30 -76.20	65.67 4.09 0.00	56.40 2.91 0.00	52.04 2.58 0.00	41.17 1.84 0.00	41.07 1.48 0.00	41.86 1.87 0.00	39.69 2.16 0.00	39.08 1.99 0.00	44.88 2.64 0.00	54.01 3.46 -0.24	97.78 6.03 -5.35	89.33 5.81 0.00	57.63 3.37 0.00	43.41 2.42 0.00	39.11 2.26 0.00	46.44 2.22 0.00
KEDC_GLWD_GT4 24219	46.77 1.53 -8.12	65.56 1.39 -27.76	52.31 1.12 -23.28	64.90 1.13 -36.82	74.25 1.16 -44.82	114.55 1.28 -83.19	92.37 1.98 -53.63	95.35 1.09 -76.20	65.05 3.46 0.00	56.12 2.63 0.00	51.80 2.34 0.00	41.21 1.88 0.00	41.25 1.66 0.00	41.90 1.91 0.00	39.48 1.95 0.00	38.95 1.86 0.00	44.51 2.27 0.00	53.47 2.92 -0.24	97.00 5.24 -5.35	88.28 4.76 0.00	57.06 2.79 0.00	43.09 2.10 0.00	38.81 1.96 0.00	46.17 1.95 0.00
KEDC_GLWD_GT5 24220	46.77 1.53 -8.12	65.56 1.39 -27.76	52.31 1.12 -23.28	64.90 1.13 -36.82	74.25 1.16 -44.82	114.55 1.28 -83.19	92.37 1.98 -53.63	95.35 1.09 -76.20	65.05 3.46 0.00	56.12 2.63 0.00	51.80 2.34 0.00	41.21 1.88 0.00	41.25 1.66 0.00	41.90 1.91 0.00	39.48 1.95 0.00	38.95 1.86 0.00	44.51 2.27 0.00	53.47 2.92 -0.24	97.00 5.24 -5.35	88.28 4.76 0.00	57.06 2.79 0.00	43.09 2.10 0.00	38.81 1.96 0.00	46.17 1.95 0.00

KENSICO____ 23655	46.12 0.90 -8.10	64.89 0.78 -27.71	51.77 0.62 -23.23	64.32 0.62 -36.75	73.64 0.65 -44.74	113.91 0.79 -83.03	91.59 1.31 -53.53	94.87 0.76 -76.06	63.96 2.37 0.00	55.35 1.86 0.00	51.17 1.71 0.00	40.69 1.36 0.00	40.79 1.20 0.00	41.22 1.24 0.00	38.75 1.22 0.00	38.32 1.23 0.00	43.62 1.37 0.00	52.49 1.94 -0.24	95.43 3.68 -5.35	86.80 3.28 0.00	56.22 1.95 0.00	42.46 1.47 0.00	38.21 1.35 0.00	45.56 1.33 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.15 1.30 -7.73	64.02 1.18 -26.43	51.00 0.92 -22.16	62.92 0.91 -35.06	71.90 0.96 -42.67	110.48 1.20 -79.20	89.59 1.77 -51.06	91.56 0.97 -72.54	64.63 3.04 0.00	55.65 2.16 0.00	51.28 1.82 0.00	40.65 1.32 0.00	40.97 1.38 0.00	41.57 1.59 0.00	39.11 1.58 0.00	38.59 1.51 0.00	43.93 1.69 0.00	53.10 2.52 -0.28	97.44 4.92 -6.12	88.12 4.60 0.00	57.06 2.79 0.00	43.03 2.05 0.00	38.67 1.82 0.00	46.09 1.87 0.00
KIAC_JFK_GT1 23816	46.03 0.79 -8.12	64.84 0.67 -27.77	51.72 0.53 -23.28	64.30 0.52 -36.83	73.63 0.53 -44.83	113.90 0.62 -83.21	91.70 1.30 -53.64	95.08 0.81 -76.22	64.19 2.60 0.00	55.55 2.06 0.00	51.13 1.67 0.00	40.72 1.40 0.00	40.80 1.21 0.00	41.14 1.16 0.00	38.70 1.17 0.00	38.34 1.26 0.00	43.51 1.26 0.00	52.50 1.95 -0.24	95.38 3.63 -5.35	86.69 3.16 0.00	56.17 1.90 0.00	42.39 1.41 0.00	38.15 1.29 0.00	45.40 1.18 0.00
KIAC_JFK_GT2 23817	46.03 0.79 -8.12	64.84 0.67 -27.77	51.72 0.53 -23.28	64.30 0.52 -36.83	73.63 0.53 -44.83	113.90 0.62 -83.21	91.70 1.30 -53.64	95.08 0.81 -76.22	64.19 2.60 0.00	55.55 2.06 0.00	51.13 1.67 0.00	40.72 1.40 0.00	40.80 1.21 0.00	41.14 1.16 0.00	38.70 1.17 0.00	38.34 1.26 0.00	43.51 1.26 0.00	52.50 1.95 -0.24	95.38 3.63 -5.35	86.69 3.16 0.00	56.17 1.90 0.00	42.39 1.41 0.00	38.15 1.29 0.00	45.40 1.18 0.00
KIAC_JFK____ 323774	46.03 0.79 -8.12	64.84 0.67 -27.77	51.73 0.53 -23.28	64.30 0.52 -36.83	73.62 0.53 -44.83	113.90 0.62 -83.21	91.70 1.30 -53.64	95.07 0.81 -76.22	64.19 2.60 0.00	55.55 2.06 0.00	51.13 1.67 0.00	40.73 1.41 0.00	40.80 1.21 0.00	41.13 1.15 0.00	38.70 1.18 0.00	38.34 1.25 0.00	43.50 1.26 0.00	52.50 1.95 -0.24	95.38 3.63 -5.35	86.69 3.16 0.00	56.17 1.90 0.00	42.39 1.41 0.00	38.15 1.30 0.00	45.40 1.18 0.00
KINTIGH____ 23543	35.14 -3.27 -1.28	37.80 -2.99 -4.39	29.30 -2.30 -3.68	30.48 -2.30 -5.83	33.12 -2.24 -7.09	40.87 -2.37 -13.16	42.28 -2.72 -8.24	28.54 -1.54 -12.03	56.56 -5.03 0.00	49.34 -4.47 -0.32	46.07 -3.58 -0.18	36.81 -2.52 0.00	37.21 -2.37 0.00	37.47 -2.52 0.00	35.09 -2.43 0.00	33.93 -2.55 0.61	39.55 -2.70 0.00	46.92 -3.39 0.00	80.36 -6.05 0.00	78.27 -5.25 0.00	51.15 -3.12 0.00	38.24 -2.75 0.00	34.35 -2.50 0.00	41.26 -2.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.18 2.06 0.00	38.14 1.73 0.00	29.14 1.22 0.00	28.05 1.10 0.00	29.47 1.21 0.00	31.35 1.27 0.00	38.20 1.44 0.00	18.72 0.68 0.00	64.23 2.64 0.00	53.56 2.27 2.20	50.26 2.05 1.26	40.94 1.61 0.00	41.54 1.95 0.00	42.40 2.42 0.00	39.48 1.95 0.00	39.32 2.24 0.00	44.86 2.61 0.00	53.14 2.84 0.00	90.84 4.44 0.00	88.02 4.50 0.00	57.14 2.86 0.00	43.23 2.25 0.00	38.96 2.11 0.00	47.19 2.97 0.00
LACHUTE____HYDRO 323717	53.05 5.82 -10.11	76.78 5.81 -34.57	61.32 4.42 -28.98	77.02 4.22 -45.85	88.59 4.52 -55.81	138.11 4.45 -103.59	109.09 5.55 -66.78	115.73 2.76 -94.92	69.91 8.33 0.00	61.06 7.58 0.00	55.88 6.41 0.00	44.14 4.81 0.00	45.32 5.73 0.00	45.95 5.96 0.00	42.08 4.56 0.00	42.38 5.30 0.00	49.32 7.07 0.00	61.88 9.14 -2.43	156.30 16.03 -53.87	98.63 15.11 0.00	63.46 9.18 0.00	47.71 6.72 0.00	42.73 5.87 0.00	51.34 7.12 0.00
LAWRNCV_115KV_TB1 80681	43.60 6.15 -0.32	43.44 5.94 -1.10	33.22 4.38 -0.92	32.51 4.10 -1.46	34.54 4.50 -1.78	37.86 4.49 -3.30	41.37 2.48 -2.13	22.17 1.44 -2.69	70.99 9.40 0.00	77.67 8.49 -15.69	66.74 8.31 -8.97	45.74 6.41 0.00	45.96 6.37 0.00	46.57 6.58 0.00	43.46 5.93 0.00	42.29 5.20 0.00	47.94 5.69 0.00	56.39 6.08 0.00	87.71 1.30 0.00	92.01 8.49 0.00	59.63 5.36 0.00	45.31 4.32 0.00	41.69 4.84 0.00	50.60 6.38 0.00
LEDERLE____ 23769	45.53 0.65 -7.76	63.47 0.54 -26.53	50.59 0.44 -22.24	62.59 0.45 -35.18	71.57 0.48 -42.83	110.28 0.72 -79.48	89.18 1.18 -51.24	91.54 0.68 -72.81	63.54 1.96 0.00	55.00 1.52 0.00	50.98 1.52 0.00	40.51 1.19 0.00	40.64 1.05 0.00	41.06 1.08 0.00	38.59 1.07 0.00	38.12 1.04 0.00	43.35 1.11 0.00	52.25 1.71 -0.23	94.90 3.41 -5.08	86.57 3.05 0.00	56.10 1.82 0.00	42.34 1.35 0.00	38.10 1.25 0.00	45.49 1.27 0.00
LIGHTHSE_115KV_TB6 355974	37.90 0.00 -0.78	39.06 -0.02 -2.67	30.06 -0.09 -2.24	30.33 -0.16 -3.54	32.50 -0.07 -4.31	38.11 0.03 -8.00	41.94 0.03 -5.16	25.33 0.03 -7.25	61.94 0.35 0.00	57.00 0.54 -2.98	51.59 0.42 -1.70	39.48 0.15 0.00	39.74 0.15 0.00	40.06 0.07 0.00	37.66 0.13 0.00	37.08 -0.01 0.00	42.57 0.32 0.00	50.87 0.56 0.00	86.42 0.02 0.00	83.90 0.38 0.00	54.29 0.02 0.00	40.79 -0.20 0.00	36.50 -0.35 0.00	43.80 -0.42 0.00
LINDEN COGEN____ 23786	45.90 0.66 -8.12	64.71 0.54 -27.77	51.63 0.43 -23.28	64.22 0.44 -36.83	73.53 0.44 -44.83	113.83 0.55 -83.21	91.46 1.06 -53.64	94.93 0.66 -76.22	63.61 2.02 0.00	55.10 1.61 0.00	51.00 1.53 0.00	40.59 1.26 0.00	40.69 1.10 0.00	41.07 1.09 0.00	38.65 1.13 0.00	38.21 1.12 0.00	43.42 1.17 0.00	52.27 1.72 -0.24	95.06 3.31 -5.35	86.39 2.87 0.00	55.98 1.70 0.00	42.30 1.31 0.00	38.08 1.23 0.00	45.33 1.10 0.00
LINDHRST_69_KV_BK1 356055	47.06 1.82 -8.12	65.79 1.62 -27.76	52.53 1.34 -23.28	65.14 1.36 -36.82	74.48 1.40 -44.82	114.77 1.50 -83.19	92.66 2.27 -53.63	95.49 1.23 -76.20	65.51 3.93 0.00	56.36 2.87 0.00	52.03 2.57 0.00	41.24 1.91 0.00	41.25 1.66 0.00	42.03 2.05 0.00	39.69 2.16 0.00	39.10 2.02 0.00	44.81 2.56 0.00	53.92 3.37 -0.24	97.77 6.02 -5.35	89.17 5.65 0.00	57.54 3.27 0.00	43.39 2.41 0.00	39.10 2.24 0.00	46.48 2.26 0.00
LIPA_MISC_IPP 23656	47.19 1.95 -8.12	65.90 1.73 -27.76	52.64 1.44 -23.28	65.27 1.49 -36.82	74.61 1.53 -44.82	114.89 1.62 -83.19	92.78 2.39 -53.63	95.52 1.26 -76.20	65.48 3.90 0.00	56.22 2.74 0.00	51.83 2.36 0.00	40.96 1.64 0.00	40.85 1.26 0.00	41.69 1.71 0.00	39.52 2.00 0.00	38.88 1.80 0.00	44.66 2.42 0.00	53.79 3.23 -0.24	97.31 5.56 -5.35	88.99 5.47 0.00	57.41 3.14 0.00	43.23 2.24 0.00	38.96 2.11 0.00	46.27 2.05 0.00
LISF____SOLAR 323691	47.27 2.03 -8.12	65.98 1.81 -27.76	52.70 1.51 -23.28	65.32 1.55 -36.82	74.68 1.60 -44.82	114.96 1.69 -83.19	92.89 2.50 -53.63	95.56 1.31 -76.20	65.64 4.05 0.00	56.34 2.85 0.00	51.90 2.44 0.00	41.00 1.67 0.00	40.88 1.29 0.00	41.74 1.76 0.00	39.59 2.07 0.00	38.96 1.88 0.00	44.78 2.53 0.00	53.92 3.38 -0.24	97.56 5.80 -5.35	89.24 5.72 0.00	57.57 3.30 0.00	43.34 2.36 0.00	39.07 2.21 0.00	46.37 2.14 0.00

LITTLE FALLS___HYD 24013	37.91 0.65 -0.13	37.54 0.68 -0.46	28.81 0.51 -0.38	28.11 0.55 -0.61	29.58 0.58 -0.74	31.96 0.51 -1.37	38.37 0.72 -0.88	18.92 0.45 -0.43	62.71 1.13 0.00	54.28 0.80 0.00	50.05 0.59 0.00	39.64 0.31 0.00	39.86 0.27 0.00	40.05 0.06 0.00	37.03 -0.49 0.00	37.14 0.05 0.00	42.59 0.34 0.00	51.24 0.93 0.00	88.56 2.16 0.00	85.16 1.64 0.00	55.09 0.82 0.00	41.67 0.68 0.00	37.32 0.47 0.00	44.75 0.52 0.00
LITTLRIV_115KV_TB1 356100	44.23 6.79 -0.32	44.05 6.54 -1.10	33.67 4.83 -0.92	32.96 4.55 -1.46	35.03 5.00 -1.78	38.45 5.08 -3.30	42.40 3.52 -2.13	22.61 1.88 -2.69	71.98 10.39 0.00	78.42 9.23 -15.69	67.44 9.00 -8.97	46.26 6.93 0.00	46.46 6.88 0.00	47.07 7.08 0.00	43.96 6.43 0.00	42.87 5.78 0.00	48.85 6.60 0.00	57.64 7.33 0.00	90.37 3.97 0.00	94.03 10.51 0.00	60.84 6.57 0.00	46.17 5.18 0.00	42.41 5.55 0.00	51.36 7.14 0.00
LI_NEWBRDGE___DRP 323616	46.50 1.26 -8.12	65.27 1.11 -27.76	52.11 0.92 -23.28	64.71 0.94 -36.82	74.05 0.96 -44.82	114.31 1.05 -83.19	92.05 1.66 -53.63	95.19 0.93 -76.20	64.50 2.92 0.00	55.61 2.12 0.00	51.40 1.93 0.00	40.83 1.51 0.00	40.86 1.28 0.00	41.51 1.52 0.00	39.13 1.60 0.00	38.61 1.52 0.00	44.12 1.87 0.00	53.01 2.46 -0.24	96.13 4.38 -5.35	87.52 4.00 0.00	56.56 2.29 0.00	42.71 1.73 0.00	38.50 1.64 0.00	45.82 1.60 0.00
LOCKPORT_115KV_TB60_63_64 80432	34.82 -3.68 -1.38	37.67 -3.46 -4.73	29.18 -2.70 -3.96	30.54 -2.68 -6.27	33.28 -2.61 -7.63	41.53 -2.71 -14.16	42.36 -3.17 -8.77	29.18 -1.79 -12.92	55.87 -5.72 0.00	48.73 -5.07 -0.32	45.68 -3.97 -0.18	36.65 -2.68 0.00	37.13 -2.46 0.00	37.36 -2.62 0.00	35.00 -2.53 0.00	33.37 -2.81 0.91	39.33 -2.92 0.00	46.65 -3.66 0.00	79.86 -6.54 0.00	77.90 -5.63 0.00	51.03 -3.24 0.00	38.10 -2.89 0.00	34.20 -2.65 0.00	41.14 -3.08 0.00
LOCKPORT___CC1 323769	34.70 -3.81 -1.39	37.61 -3.57 -4.77	29.15 -2.77 -4.00	30.51 -2.76 -6.32	33.27 -2.69 -7.70	41.57 -2.79 -14.29	42.25 -3.29 -8.77	29.22 -1.85 -13.02	55.66 -5.93 0.00	48.57 -5.23 -0.32	45.60 -4.05 -0.18	36.59 -2.73 0.00	37.08 -2.51 0.00	37.31 -2.68 0.00	34.94 -2.59 0.00	33.14 -2.85 1.09	39.27 -2.98 0.00	46.61 -3.69 0.00	79.78 -6.62 0.00	77.81 -5.72 0.00	50.94 -3.33 0.00	38.02 -2.96 0.00	34.12 -2.73 0.00	41.04 -3.18 0.00
LOCKPORT___CC2 323770	34.70 -3.81 -1.39	37.61 -3.57 -4.77	29.15 -2.77 -4.00	30.51 -2.76 -6.32	33.27 -2.69 -7.70	41.57 -2.79 -14.29	42.25 -3.29 -8.77	29.22 -1.85 -13.02	55.66 -5.93 0.00	48.57 -5.23 -0.32	45.60 -4.05 -0.18	36.59 -2.73 0.00	37.08 -2.51 0.00	37.31 -2.68 0.00	34.94 -2.59 0.00	33.14 -2.85 1.09	39.27 -2.98 0.00	46.61 -3.69 0.00	79.78 -6.62 0.00	77.81 -5.72 0.00	50.94 -3.33 0.00	38.02 -2.96 0.00	34.12 -2.73 0.00	41.04 -3.18 0.00
LOCKPORT___CC3 323771	34.70 -3.81 -1.39	37.61 -3.57 -4.77	29.15 -2.77 -4.00	30.51 -2.76 -6.32	33.27 -2.69 -7.70	41.57 -2.79 -14.29	42.25 -3.29 -8.77	29.22 -1.85 -13.02	55.66 -5.93 0.00	48.57 -5.23 -0.32	45.60 -4.05 -0.18	36.59 -2.73 0.00	37.08 -2.51 0.00	37.31 -2.68 0.00	34.94 -2.59 0.00	33.14 -2.85 1.09	39.27 -2.98 0.00	46.61 -3.69 0.00	79.78 -6.62 0.00	77.81 -5.72 0.00	50.94 -3.33 0.00	38.02 -2.96 0.00	34.12 -2.73 0.00	41.04 -3.18 0.00
LONG_LAKE_PHOENIX 24014	37.35 -0.64 -0.87	38.72 -0.66 -2.98	29.89 -0.52 -2.49	30.40 -0.49 -3.94	32.57 -0.49 -4.80	38.59 -0.40 -8.91	42.16 -0.35 -5.75	26.10 -0.15 -8.19	60.97 -0.62 0.00	54.19 -0.56 -1.26	49.67 -0.52 -0.72	38.92 -0.41 0.00	39.21 -0.38 0.00	39.43 -0.55 0.00	37.11 -0.42 0.00	36.64 -0.45 0.00	41.99 -0.25 0.00	50.17 -0.14 0.00	85.96 -0.44 0.00	83.20 -0.32 0.00	53.93 -0.34 0.00	40.53 -0.45 0.00	36.29 -0.56 0.00	43.47 -0.75 0.00
LOVETT___3 23632	45.43 0.49 -7.81	63.53 0.39 -26.73	50.65 0.33 -22.41	62.75 0.34 -35.46	71.78 0.37 -43.15	110.74 0.57 -80.10	89.39 1.00 -51.63	92.00 0.59 -73.37	63.28 1.69 0.00	54.77 1.29 0.00	50.74 1.28 0.00	40.32 1.00 0.00	40.44 0.85 0.00	40.86 0.88 0.00	38.40 0.88 0.00	37.95 0.86 0.00	43.15 0.91 0.00	51.99 1.45 -0.23	94.44 2.91 -5.13	86.09 2.57 0.00	55.77 1.50 0.00	42.12 1.13 0.00	37.92 1.07 0.00	45.27 1.05 0.00
LOVETT___4 23642	45.43 0.49 -7.81	63.53 0.39 -26.73	50.65 0.33 -22.41	62.75 0.34 -35.46	71.78 0.37 -43.15	110.74 0.57 -80.10	89.39 1.00 -51.63	92.00 0.59 -73.37	63.28 1.69 0.00	54.77 1.29 0.00	50.74 1.28 0.00	40.32 1.00 0.00	40.44 0.85 0.00	40.86 0.88 0.00	38.40 0.88 0.00	37.95 0.86 0.00	43.15 0.91 0.00	51.99 1.45 -0.23	94.44 2.91 -5.13	86.09 2.57 0.00	55.77 1.50 0.00	42.12 1.13 0.00	37.92 1.07 0.00	45.27 1.05 0.00
LOVETT___5 23593	45.43 0.49 -7.81	63.53 0.39 -26.73	50.65 0.33 -22.41	62.75 0.34 -35.46	71.78 0.37 -43.15	110.74 0.57 -80.10	89.39 1.00 -51.63	92.00 0.59 -73.37	63.28 1.69 0.00	54.77 1.29 0.00	50.74 1.28 0.00	40.32 1.00 0.00	40.44 0.85 0.00	40.86 0.88 0.00	38.40 0.88 0.00	37.95 0.86 0.00	43.15 0.91 0.00	51.99 1.45 -0.23	94.44 2.91 -5.13	86.09 2.57 0.00	55.77 1.50 0.00	42.12 1.13 0.00	37.92 1.07 0.00	45.27 1.05 0.00
LOWER RAQUET___HYD 24057	43.38 5.94 -0.32	43.23 5.72 -1.10	33.05 4.21 -0.92	32.35 3.94 -1.46	34.37 4.34 -1.78	37.69 4.32 -3.30	41.37 2.48 -2.13	22.15 1.41 -2.69	70.65 9.06 0.00	77.36 8.18 -15.69	66.45 8.01 -8.97	45.50 6.17 0.00	45.72 6.13 0.00	46.33 6.35 0.00	43.24 5.71 0.00	42.07 4.98 0.00	47.69 5.44 0.00	56.10 5.79 0.00	87.68 1.28 0.00	91.51 7.99 0.00	59.30 5.03 0.00	45.07 4.08 0.00	41.48 4.63 0.00	50.34 6.12 0.00
LOWER___HUDSON 24059	48.57 1.46 -9.98	72.04 1.50 -34.14	57.68 1.14 -28.63	73.33 1.10 -45.28	84.55 1.17 -55.12	133.56 1.18 -102.31	104.15 1.44 -65.95	112.55 0.76 -93.75	63.94 2.35 0.00	55.48 1.99 0.00	51.30 1.84 0.00	40.67 1.34 0.00	40.82 1.23 0.00	41.30 1.31 0.00	38.63 1.10 0.00	38.34 1.26 0.00	43.87 1.63 0.00	54.59 2.15 -2.13	137.69 3.91 -47.38	86.93 3.41 0.00	56.32 2.05 0.00	42.57 1.58 0.00	38.29 1.44 0.00	46.07 1.85 0.00
LOWVILLE_115KV_TB2 356335	39.92 2.37 -0.42	40.15 2.30 -1.45	30.72 1.60 -1.21	30.21 1.34 -1.92	32.23 1.64 -2.34	36.17 1.76 -4.33	41.23 1.67 -2.80	22.34 0.93 -3.36	66.37 4.78 0.00	68.12 4.94 -9.69	59.53 4.53 -5.54	42.50 3.17 0.00	42.69 3.10 0.00	43.08 3.09 0.00	40.04 2.51 0.00	39.13 2.05 0.00	44.75 2.50 0.00	53.35 3.04 0.00	88.92 2.52 0.00	87.18 3.66 0.00	56.44 2.17 0.00	42.31 1.32 0.00	37.85 1.00 0.00	45.76 1.54 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	49.74 2.49 -10.13	73.52 2.46 -34.65	58.84 1.87 -29.05	74.73 1.82 -45.96	86.15 1.94 -55.95	135.95 2.04 -103.84	106.28 2.58 -66.94	114.50 1.30 -95.15	65.74 4.15 0.00	57.01 3.52 0.00	52.60 3.14 0.00	41.71 2.39 0.00	42.00 2.42 0.00	42.39 2.41 0.00	39.52 1.99 0.00	39.34 2.26 0.00	45.15 2.91 0.00	56.58 3.80 -2.47	148.02 6.69 -54.93	89.67 6.14 0.00	58.04 3.77 0.00	43.77 2.78 0.00	39.31 2.45 0.00	47.21 2.99 0.00

LUTHERNY_35_KV_BK2 355980	49.78 2.52 -10.13	73.55 2.49 -34.65	58.87 1.90 -29.05	74.74 1.83 -45.96	86.16 1.96 -55.95	135.98 2.07 -103.84	106.31 2.62 -66.94	114.52 1.32 -95.15	65.80 4.21 0.00	57.04 3.56 0.00	52.63 3.17 0.00	41.75 2.42 0.00	42.08 2.49 0.00	42.43 2.45 0.00	39.57 2.04 0.00	39.36 2.28 0.00	45.20 2.95 0.00	56.59 3.81 -2.47	148.10 6.77 -54.93	89.79 6.27 0.00	58.08 3.81 0.00	43.75 2.76 0.00	39.33 2.47 0.00	47.22 3.00 0.00
LWR___OSWEGATCHIE_HYD 23850	41.71 4.19 -0.39	41.78 4.03 -1.34	31.95 2.91 -1.13	31.39 2.66 -1.78	33.43 3.01 -2.17	37.17 3.06 -4.03	41.36 2.00 -2.60	22.44 1.11 -3.28	68.37 6.78 0.00	72.50 6.43 -12.59	62.80 6.14 -7.19	43.89 4.56 0.00	44.10 4.51 0.00	44.63 4.64 0.00	41.62 4.09 0.00	40.58 3.49 0.00	46.23 3.98 0.00	54.73 4.42 0.00	88.02 1.62 0.00	89.26 5.74 0.00	57.79 3.52 0.00	43.67 2.68 0.00	39.69 2.83 0.00	48.07 3.85 0.00
LYONS_FALL_HYD 23570	39.36 1.85 -0.38	39.51 1.79 -1.31	30.28 1.26 -1.10	29.80 1.10 -1.74	31.69 1.30 -2.12	35.46 1.44 -3.94	40.80 1.50 -2.54	21.86 0.94 -2.87	66.20 4.62 0.00	67.74 4.55 -9.70	59.16 4.15 -5.54	42.25 2.92 0.00	42.46 2.87 0.00	42.83 2.84 0.00	39.44 1.92 0.00	38.73 1.65 0.00	44.27 2.02 0.00	52.83 2.52 0.00	89.09 2.69 0.00	86.83 3.30 0.00	56.27 2.00 0.00	42.25 1.26 0.00	37.83 0.97 0.00	45.56 1.34 0.00
MADISON___COUNTY_LFGE 323628	38.59 0.88 -0.59	39.23 0.82 -2.01	30.21 0.61 -1.69	30.24 0.63 -2.66	32.21 0.71 -3.24	36.98 0.89 -6.02	41.84 1.20 -3.88	24.55 0.44 -6.06	62.65 1.06 0.00	54.66 0.85 -0.33	50.44 0.79 -0.19	39.85 0.52 0.00	40.01 0.43 0.00	40.30 0.32 0.00	38.41 0.88 0.00	38.02 0.94 0.00	43.48 1.23 0.00	51.92 1.61 0.00	89.02 2.62 0.00	86.01 2.49 0.00	55.79 1.52 0.00	41.94 0.95 0.00	37.59 0.74 0.00	45.02 0.80 0.00
MALONE___115KV_TB1 356076	40.33 3.07 -0.14	39.77 2.88 -0.48	30.43 2.12 -0.40	29.55 1.96 -0.64	31.18 2.14 -0.78	33.70 2.19 -1.44	39.48 1.80 -0.93	19.36 0.86 -0.45	66.00 4.42 0.00	81.04 3.99 -23.57	66.64 3.70 -13.47	42.34 3.01 0.00	42.67 3.08 0.00	43.43 3.44 0.00	40.49 2.96 0.00	39.99 2.90 0.00	45.46 3.22 0.00	53.66 3.35 0.00	89.47 3.07 0.00	88.59 5.07 0.00	57.51 3.23 0.00	43.57 2.58 0.00	39.49 2.64 0.00	47.70 3.48 0.00
MAPLEWOD_115KV_TB3 80458	48.44 1.38 -9.94	71.78 1.39 -33.99	57.47 1.06 -28.49	73.06 1.04 -45.08	84.23 1.10 -54.87	133.05 1.13 -101.84	103.81 1.39 -65.65	112.13 0.73 -93.35	63.95 2.36 0.00	55.48 1.99 0.00	51.31 1.85 0.00	40.70 1.38 0.00	40.84 1.25 0.00	41.30 1.32 0.00	38.68 1.15 0.00	38.34 1.25 0.00	43.78 1.54 0.00	54.14 2.05 -1.78	129.68 3.69 -39.59	86.77 3.25 0.00	56.25 1.98 0.00	42.51 1.52 0.00	38.22 1.37 0.00	45.94 1.71 0.00
MAPLE_RIDGE_WT_1 323574	36.97 -0.15 0.00	36.13 -0.27 0.00	27.73 -0.19 0.00	26.70 -0.25 0.00	28.04 -0.22 0.00	29.80 -0.28 0.00	36.35 -0.41 0.00	17.80 -0.25 0.00	61.03 -0.56 0.00	52.84 -0.15 0.49	48.95 -0.24 0.28	38.99 -0.34 0.00	39.29 -0.30 0.00	39.90 -0.08 0.00	37.48 -0.04 0.00	36.87 -0.21 0.00	41.89 -0.36 0.00	49.76 -0.55 0.00	85.24 -1.16 0.00	82.32 -1.21 0.00	53.76 -0.51 0.00	40.57 -0.42 0.00	36.33 -0.52 0.00	43.83 -0.40 0.00
MAPLE_RIDGE_WT_2 323611	36.97 -0.15 0.00	36.13 -0.27 0.00	27.73 -0.19 0.00	26.70 -0.25 0.00	28.04 -0.22 0.00	29.80 -0.28 0.00	36.35 -0.41 0.00	17.80 -0.25 0.00	61.03 -0.56 0.00	52.84 -0.15 0.49	48.95 -0.24 0.28	38.99 -0.34 0.00	39.29 -0.30 0.00	39.90 -0.08 0.00	37.48 -0.04 0.00	36.87 -0.21 0.00	41.89 -0.36 0.00	49.76 -0.55 0.00	85.24 -1.16 0.00	82.32 -1.21 0.00	53.76 -0.51 0.00	40.57 -0.42 0.00	36.33 -0.52 0.00	43.83 -0.40 0.00
MARBLE_RIVER_WT_PWR 323696	38.76 1.64 0.00	37.61 1.21 0.00	28.70 0.78 0.00	27.64 0.69 0.00	29.05 0.79 0.00	30.91 0.83 0.00	37.70 0.94 0.00	18.51 0.46 0.00	63.54 1.96 0.00	53.16 1.72 2.05	49.81 1.52 1.17	40.51 1.18 0.00	41.12 1.53 0.00	42.09 2.10 0.00	39.05 1.52 0.00	39.03 1.94 0.00	44.57 2.33 0.00	52.88 2.57 0.00	90.45 4.05 0.00	87.62 4.10 0.00	56.86 2.59 0.00	43.05 2.06 0.00	38.85 2.00 0.00	47.15 2.93 0.00
MARSHVLE_115KV_TB1 80742	50.59 2.06 -11.40	77.34 1.94 -38.99	62.12 1.51 -32.69	80.13 1.46 -51.72	92.81 1.60 -62.95	148.69 1.76 -116.84	114.42 2.34 -75.33	126.39 1.09 -107.25	65.09 3.51 0.00	56.56 3.07 0.00	52.35 2.89 0.00	41.37 2.04 0.00	41.78 2.19 0.00	41.85 1.86 0.00	38.86 1.33 0.00	38.91 1.82 0.00	44.26 2.02 0.00	55.33 2.69 -2.34	143.21 4.81 -52.00	88.25 4.73 0.00	57.45 3.18 0.00	43.34 2.35 0.00	38.81 1.96 0.00	46.36 2.13 0.00
MARSH_HILL_WT_PWR 323713	35.82 -3.13 -1.82	39.76 -2.87 -6.23	30.84 -2.30 -5.22	33.24 -1.98 -8.26	36.30 -2.03 -10.06	46.55 -2.20 -18.67	47.53 -2.76 -13.53	34.20 -1.36 -17.51	56.95 -4.63 0.00	49.32 -4.47 -0.30	45.97 -3.67 -0.17	36.89 -2.44 0.00	37.67 -1.92 0.00	37.70 -2.29 0.00	35.28 -2.24 0.00	37.78 -3.03 -3.73	39.11 -3.14 0.00	47.41 -2.97 -0.07	83.15 -4.78 -1.52	78.94 -4.58 0.00	50.65 -3.62 0.00	37.43 -3.56 0.00	33.32 -3.54 0.00	39.83 -4.40 0.00
MCINTYRE_115KV_TB2 80467	44.83 7.38 -0.32	44.62 7.12 -1.10	34.11 5.27 -0.92	33.39 4.98 -1.46	35.51 5.47 -1.78	39.00 5.63 -3.30	43.14 4.26 -2.13	22.94 2.20 -2.69	72.86 11.28 0.00	79.09 9.91 -15.69	68.04 9.60 -8.97	46.74 7.41 0.00	46.90 7.31 0.00	47.52 7.53 0.00	44.44 6.92 0.00	43.39 6.30 0.00	49.66 7.42 0.00	58.81 8.50 0.00	92.32 5.92 0.00	95.98 12.46 0.00	62.05 7.77 0.00	47.01 6.02 0.00	43.11 6.26 0.00	52.14 7.92 0.00
MECO_____69_KV_BK1 80468	50.65 2.55 -10.97	76.41 2.48 -37.52	61.27 1.89 -31.46	78.56 1.84 -49.77	90.85 2.01 -60.58	144.77 2.25 -112.45	112.19 2.94 -72.49	122.52 1.42 -103.05	66.08 4.50 0.00	57.23 3.75 0.00	52.92 3.46 0.00	41.61 2.29 0.00	42.09 2.50 0.00	42.12 2.14 0.00	38.89 1.37 0.00	39.22 2.14 0.00	44.98 2.74 0.00	56.55 3.73 -2.51	149.02 6.82 -55.80	90.04 6.51 0.00	58.46 4.19 0.00	44.01 3.03 0.00	39.39 2.54 0.00	47.07 2.85 0.00
MENANDS___115KV_TB5 355628	48.31 1.28 -9.92	71.63 1.30 -33.92	57.35 1.00 -28.44	72.90 0.96 -44.98	84.04 1.03 -54.76	132.76 1.06 -101.63	103.55 1.28 -65.51	111.89 0.68 -93.17	63.76 2.17 0.00	55.32 1.83 0.00	51.17 1.71 0.00	40.59 1.27 0.00	40.72 1.13 0.00	41.20 1.22 0.00	38.60 1.07 0.00	38.27 1.19 0.00	43.65 1.41 0.00	53.89 1.87 -1.71	127.81 3.36 -38.06	86.45 2.93 0.00	56.05 1.78 0.00	42.38 1.39 0.00	38.11 1.26 0.00	45.83 1.61 0.00
MG INDUSTRY___DRP 24185	48.06 1.22 -9.71	70.84 1.23 -33.20	56.70 0.95 -27.83	71.91 0.93 -44.03	82.85 0.99 -53.60	130.58 1.03 -99.48	102.13 1.24 -64.13	109.72 0.61 -91.06	63.51 1.93 0.00	55.06 1.57 0.00	50.90 1.44 0.00	40.39 1.06 0.00	40.53 0.94 0.00	40.97 0.99 0.00	38.29 0.76 0.00	38.02 0.94 0.00	43.38 1.14 0.00	52.77 1.62 -0.84	107.94 2.87 -18.66	86.09 2.57 0.00	55.85 1.58 0.00	42.19 1.20 0.00	37.93 1.08 0.00	45.59 1.37 0.00

MID___OSWEGATCHIE_HYD 23849	41.71 4.19 -0.39	41.78 4.03 -1.34	31.95 2.91 -1.13	31.39 2.66 -1.78	33.43 3.01 -2.17	37.17 3.06 -4.03	41.36 2.00 -2.60	22.44 1.11 -3.28	68.37 6.78 0.00	72.50 6.43 -12.59	62.80 6.14 -7.19	43.89 4.56 0.00	44.10 4.51 0.00	44.63 4.64 0.00	41.62 4.09 0.00	40.58 3.49 0.00	46.23 3.98 0.00	54.73 4.42 0.00	88.02 1.62 0.00	89.26 5.74 0.00	57.79 3.52 0.00	43.67 2.68 0.00	39.69 2.83 0.00	48.07 3.85 0.00
MID___RAQUETTE_HYD 23851	43.38 5.94 -0.32	43.23 5.72 -1.10	33.05 4.22 -0.92	32.35 3.94 -1.46	34.37 4.34 -1.78	37.69 4.32 -3.30	41.37 2.48 -2.13	22.15 1.41 -2.69	70.65 9.06 0.00	77.36 8.18 -15.69	66.45 8.01 -8.97	45.50 6.17 0.00	45.72 6.13 0.00	46.33 6.35 0.00	43.24 5.71 0.00	42.06 4.98 0.00	47.69 5.44 0.00	56.10 5.79 0.00	87.68 1.28 0.00	91.51 7.98 0.00	59.30 5.03 0.00	45.07 4.08 0.00	41.48 4.63 0.00	50.34 6.12 0.00
MILLIKEN___1 23584	38.72 -0.16 -1.76	42.26 -0.18 -6.03	32.83 -0.15 -5.06	34.87 -0.09 -8.00	37.93 -0.07 -9.74	48.17 0.01 -18.08	48.76 0.23 -11.77	34.83 0.13 -16.65	61.90 0.32 0.00	53.84 -0.01 -0.36	49.75 0.08 -0.21	39.36 0.04 0.00	39.54 -0.05 0.00	39.73 -0.26 0.00	37.40 -0.13 0.00	37.22 -0.14 -0.27	42.23 -0.02 0.00	50.55 0.17 -0.07	88.72 0.73 -1.60	84.32 0.80 0.00	54.67 0.40 0.00	41.00 0.01 0.00	36.75 -0.11 0.00	43.93 -0.29 0.00
MILLIKEN___2 23585	38.72 -0.16 -1.76	42.26 -0.18 -6.03	32.83 -0.15 -5.06	34.87 -0.09 -8.00	37.93 -0.07 -9.74	48.17 0.01 -18.08	48.76 0.23 -11.77	34.83 0.13 -16.65	61.90 0.32 0.00	53.84 -0.01 -0.36	49.75 0.08 -0.21	39.36 0.04 0.00	39.54 -0.05 0.00	39.73 -0.26 0.00	37.40 -0.13 0.00	37.22 -0.14 -0.27	42.23 -0.02 0.00	50.55 0.17 -0.07	88.72 0.73 -1.60	84.32 0.80 0.00	54.67 0.40 0.00	41.00 0.01 0.00	36.75 -0.11 0.00	43.93 -0.29 0.00
MILLIKEN___DIESEL 23629	38.72 -0.16 -1.76	42.26 -0.18 -6.03	32.83 -0.15 -5.06	34.87 -0.09 -8.00	37.93 -0.07 -9.74	48.17 0.01 -18.08	48.76 0.23 -11.77	34.83 0.13 -16.65	61.90 0.32 0.00	53.84 -0.01 -0.36	49.75 0.08 -0.21	39.36 0.04 0.00	39.54 -0.05 0.00	39.73 -0.26 0.00	37.40 -0.13 0.00	37.22 -0.14 -0.27	42.23 -0.02 0.00	50.55 0.17 -0.07	88.72 0.73 -1.60	84.32 0.80 0.00	54.67 0.40 0.00	41.00 0.01 0.00	36.75 -0.11 0.00	43.93 -0.29 0.00
MILLSEAT___LFGE 323607	35.81 -2.64 -1.33	38.52 -2.46 -4.56	29.81 -1.93 -3.83	31.05 -1.95 -6.05	33.80 -1.83 -7.37	41.92 -1.82 -13.67	43.27 -2.01 -8.52	29.36 -1.18 -12.49	57.82 -3.77 0.00	50.27 -3.54 -0.32	46.91 -2.74 -0.18	37.51 -1.82 0.00	37.96 -1.63 0.00	38.11 -1.88 0.00	35.79 -1.74 0.00	34.38 -1.97 0.73	40.28 -1.96 0.00	47.96 -2.35 0.00	82.42 -3.98 0.00	80.32 -3.20 0.00	52.50 -1.77 0.00	39.17 -1.82 0.00	35.10 -1.75 0.00	42.16 -2.07 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.87 0.75 -8.00	64.41 0.65 -27.35	51.37 0.53 -22.93	63.75 0.52 -36.28	72.96 0.54 -44.16	112.75 0.72 -81.96	90.78 1.19 -52.84	93.81 0.69 -75.07	63.67 2.08 0.00	55.10 1.62 0.00	50.98 1.52 0.00	40.52 1.20 0.00	40.63 1.05 0.00	41.06 1.07 0.00	38.60 1.07 0.00	38.16 1.07 0.00	43.42 1.18 0.00	52.28 1.73 -0.24	95.04 3.37 -5.27	86.51 2.99 0.00	56.04 1.77 0.00	42.33 1.34 0.00	38.08 1.23 0.00	45.44 1.22 0.00
MILLWOOD_13_KV_LOAD 356217	45.92 0.80 -8.00	64.45 0.69 -27.35	51.40 0.55 -22.93	63.79 0.56 -36.28	73.01 0.59 -44.16	112.78 0.75 -81.96	90.84 1.25 -52.84	93.84 0.72 -75.07	63.76 2.18 0.00	55.19 1.71 0.00	51.05 1.58 0.00	40.57 1.25 0.00	40.68 1.10 0.00	41.12 1.13 0.00	38.66 1.14 0.00	38.21 1.13 0.00	43.49 1.25 0.00	52.37 1.82 -0.24	95.18 3.51 -5.27	86.65 3.13 0.00	56.13 1.87 0.00	42.38 1.39 0.00	38.14 1.28 0.00	45.50 1.28 0.00
MODEL_CITY_ENERGY 24167	34.60 -3.92 -1.40	37.47 -3.72 -4.79	29.02 -2.91 -4.01	30.40 -2.90 -6.35	33.16 -2.82 -7.72	41.48 -2.93 -14.34	42.19 -3.46 -8.90	29.19 -1.95 -13.09	55.36 -6.23 0.00	48.25 -5.55 -0.32	45.23 -4.42 -0.18	36.30 -3.03 0.00	36.77 -2.82 0.00	37.04 -2.94 0.00	34.70 -2.83 0.00	33.12 -3.10 0.87	38.97 -3.28 0.00	46.14 -4.17 0.00	78.89 -7.51 0.00	76.99 -6.53 0.00	50.51 -3.76 0.00	37.75 -3.24 0.00	33.90 -2.95 0.00	40.81 -3.41 0.00
MODERN_LFGE___ 323580	34.60 -3.92 -1.40	37.47 -3.72 -4.79	29.02 -2.91 -4.01	30.40 -2.90 -6.35	33.16 -2.82 -7.72	41.48 -2.93 -14.34	42.19 -3.46 -8.90	29.19 -1.95 -13.09	55.36 -6.23 0.00	48.25 -5.55 -0.32	45.23 -4.42 -0.18	36.30 -3.03 0.00	36.77 -2.82 0.00	37.04 -2.94 0.00	34.70 -2.83 0.00	33.12 -3.10 0.87	38.97 -3.28 0.00	46.14 -4.17 0.00	78.89 -7.51 0.00	76.99 -6.53 0.00	50.51 -3.76 0.00	37.75 -3.24 0.00	33.90 -2.95 0.00	40.81 -3.41 0.00
MOHAWK_PAPER___DRP 24187	48.44 1.38 -9.94	71.78 1.39 -33.99	57.47 1.06 -28.49	73.06 1.04 -45.08	84.23 1.10 -54.87	133.05 1.13 -101.84	103.81 1.39 -65.65	112.13 0.73 -93.35	63.95 2.36 0.00	55.48 1.99 0.00	51.31 1.85 0.00	40.70 1.38 0.00	40.84 1.25 0.00	41.30 1.32 0.00	38.68 1.15 0.00	38.34 1.25 0.00	43.78 1.54 0.00	54.14 2.05 -1.78	129.68 3.69 -39.59	86.77 3.25 0.00	56.25 1.98 0.00	42.51 1.52 0.00	38.22 1.37 0.00	45.94 1.71 0.00
MOHICAN___35_KV_115KV_LD 80490	51.08 3.85 -10.10	74.79 3.83 -34.56	59.81 2.92 -28.98	75.59 2.81 -45.84	87.08 3.03 -55.79	136.76 3.13 -103.55	107.46 3.94 -66.76	114.91 1.97 -94.89	67.93 6.34 0.00	58.96 5.48 0.00	54.17 4.71 0.00	42.96 3.63 0.00	43.39 3.80 0.00	43.88 3.90 0.00	40.64 3.11 0.00	40.67 3.58 0.00	46.87 4.63 0.00	58.71 5.98 -2.42	150.58 10.44 -53.73	93.28 9.76 0.00	60.24 5.97 0.00	45.39 4.41 0.00	40.70 3.85 0.00	48.90 4.68 0.00
MONGAUP___HYD 23641	45.47 1.00 -7.34	62.41 0.89 -25.12	49.67 0.69 -21.06	60.94 0.67 -33.31	69.54 0.72 -40.55	106.27 0.93 -75.26	86.58 1.30 -48.52	87.53 0.54 -68.94	63.04 1.45 0.00	53.75 0.26 0.00	50.51 1.05 0.00	39.78 0.45 0.00	40.54 0.95 0.00	40.80 0.81 0.00	38.27 0.75 0.00	38.02 0.94 0.00	42.87 0.62 0.00	51.91 1.39 -0.22	94.38 3.19 -4.79	87.10 3.57 0.00	56.50 2.23 0.00	42.88 1.89 0.00	38.46 1.61 0.00	45.90 1.68 0.00
MONTAUK___DIESEL 23721	47.82 2.58 -8.12	66.42 2.26 -27.76	53.20 2.01 -23.28	65.86 2.09 -36.82	75.01 1.93 -44.82	115.28 2.02 -83.19	93.37 2.98 -53.63	95.70 1.45 -76.20	65.59 4.00 0.00	55.65 2.17 0.00	50.96 1.49 0.00	40.03 0.70 0.00	39.64 0.05 0.00	40.58 0.60 0.00	38.54 1.02 0.00	37.66 0.57 0.00	43.27 1.03 0.00	52.78 2.23 -0.24	95.70 3.95 -5.35	87.45 3.92 0.00	56.34 2.07 0.00	42.36 1.37 0.00	38.09 1.23 0.00	45.15 0.93 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.80 -2.89 -1.57	39.21 -2.56 -5.37	30.50 -1.92 -4.50	32.23 -1.84 -7.12	34.93 -2.00 -8.66	44.06 -2.10 -16.08	44.44 -2.53 -10.22	31.38 -1.39 -14.73	57.13 -4.46 0.00	50.39 -3.40 -0.31	47.52 -2.12 -0.18	38.42 -0.90 0.00	38.68 -0.90 0.00	38.42 -1.56 0.00	35.96 -1.57 0.00	35.00 -1.71 0.37	41.59 -0.66 0.00	50.00 -0.31 0.00	85.58 -0.82 0.00	82.42 -1.11 0.00	52.86 -1.41 0.00	38.77 -2.22 0.00	34.32 -2.53 0.00	41.00 -3.22 0.00

MORRIS_RIDGE___SOLAR 323848	35.69 -3.23 -1.80	39.56 -3.01 -6.16	30.76 -2.32 -5.16	32.98 -2.13 -8.16	36.04 -2.16 -9.94	46.25 -2.27 -18.44	42.71 -2.86 -8.80	32.79 -1.43 -16.17	56.89 -4.70 0.00	49.23 -4.56 -0.30	45.72 -3.92 -0.17	36.76 -2.57 0.00	37.36 -2.23 0.00	37.26 -2.73 0.00	35.02 -2.51 0.00	26.07 -3.32 7.70	38.99 -3.25 0.01	47.55 -2.82 -0.07	83.18 -4.71 -1.49	79.10 -4.42 0.00	50.96 -3.31 0.00	37.82 -3.16 0.00	33.74 -3.11 0.01	40.36 -3.86 0.00
MORTIMER_115KV_TB3 55949	36.06 -2.24 -1.18	38.38 -2.05 -4.02	29.72 -1.57 -3.37	30.71 -1.57 -5.33	33.24 -1.51 -6.49	40.57 -1.56 -12.05	42.85 -1.68 -7.77	28.20 -0.93 -11.08	58.48 -3.11 0.00	50.98 -2.84 -0.34	47.34 -2.31 -0.19	37.70 -1.63 0.00	38.05 -1.54 0.00	38.33 -1.65 0.00	35.94 -1.58 0.00	35.39 -1.70 0.00	40.50 -1.74 0.00	48.22 -2.10 0.00	82.76 -3.64 0.00	80.43 -3.09 0.00	52.41 -1.86 0.00	39.23 -1.76 0.00	35.18 -1.67 0.00	42.20 -2.02 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.22 0.98 -8.12	65.01 0.84 -27.77	51.88 0.68 -23.28	64.45 0.66 -36.83	73.78 0.68 -44.84	114.12 0.83 -83.22	91.80 1.40 -53.65	95.10 0.82 -76.22	64.19 2.60 0.00	55.56 2.07 0.00	51.39 1.93 0.00	40.88 1.56 0.00	40.98 1.39 0.00	41.39 1.41 0.00	38.93 1.40 0.00	38.48 1.39 0.00	43.78 1.54 0.00	52.67 2.12 -0.24	95.71 3.95 -5.35	87.06 3.53 0.00	56.39 2.12 0.00	42.59 1.60 0.00	38.32 1.46 0.00	45.66 1.44 0.00
MUNSVILLE_WIND_PWR 323609	41.01 1.29 -2.60	46.54 1.25 -8.88	36.65 1.29 -7.45	40.01 1.28 -11.79	44.06 1.45 -14.35	58.57 1.87 -26.63	56.60 2.59 -17.25	43.75 1.25 -24.45	65.47 3.88 0.00	56.62 3.13 0.00	52.61 3.14 0.00	41.26 1.93 0.00	41.19 1.60 0.00	41.09 1.10 0.00	38.83 1.30 0.00	38.71 1.42 -0.20	43.58 1.34 0.00	51.93 1.45 -0.16	93.24 3.20 -3.64	86.43 2.91 0.00	55.63 1.36 0.00	41.52 0.54 0.00	37.19 0.34 0.00	44.36 0.14 0.00
N SALMON___HYD 24042	40.33 3.07 -0.14	39.77 2.88 -0.48	30.43 2.12 -0.40	29.55 1.96 -0.64	31.18 2.14 -0.78	33.70 2.19 -1.44	39.49 1.80 -0.93	19.36 0.86 -0.45	66.00 4.42 0.00	81.04 3.99 -23.57	66.64 3.70 -13.47	42.34 3.01 0.00	42.67 3.08 0.00	43.43 3.44 0.00	40.49 2.96 0.00	39.99 2.90 0.00	45.46 3.22 0.00	53.66 3.35 0.00	89.47 3.07 0.00	88.59 5.07 0.00	57.50 3.23 0.00	43.57 2.58 0.00	39.49 2.64 0.00	47.70 3.48 0.00
N.AKRON__115KV_KNAPP 355671	35.71 -2.76 -1.35	38.44 -2.59 -4.61	29.77 -2.02 -3.87	31.04 -2.03 -6.12	33.79 -1.92 -7.45	41.97 -1.93 -13.83	43.21 -2.15 -8.60	29.41 -1.26 -12.62	57.62 -3.96 0.00	50.13 -3.68 -0.32	46.81 -2.83 -0.18	37.46 -1.87 0.00	37.93 -1.66 0.00	38.09 -1.90 0.00	35.75 -1.78 0.00	34.26 -2.04 0.79	40.20 -2.04 0.00	47.80 -2.50 0.00	82.11 -4.29 0.00	80.02 -3.50 0.00	52.32 -1.95 0.00	39.04 -1.95 0.00	35.01 -1.85 0.00	42.04 -2.18 0.00
N.BELMOR_69_KV_BK1 55787	46.72 1.48 -8.12	65.49 1.32 -27.76	52.27 1.07 -23.28	64.87 1.09 -36.82	74.20 1.11 -44.82	114.49 1.22 -83.19	92.29 1.90 -53.63	95.31 1.06 -76.20	64.90 3.31 0.00	55.95 2.47 0.00	51.64 2.18 0.00	41.05 1.73 0.00	41.08 1.49 0.00	41.77 1.79 0.00	39.39 1.86 0.00	38.84 1.76 0.00	44.41 2.17 0.00	53.37 2.82 -0.24	96.82 5.07 -5.35	88.15 4.63 0.00	56.95 2.68 0.00	43.02 2.03 0.00	38.78 1.92 0.00	46.13 1.90 0.00
N.E_GEN_SANDY PD 24062	50.25 1.13 -12.00	74.12 1.17 -36.55	56.59 0.89 -27.78	75.46 0.86 -47.65	79.52 0.90 -50.36	116.26 0.90 -85.28	98.43 1.15 -60.52	100.23 0.62 -81.55	61.28 1.94 2.25	56.96 1.57 -1.90	50.93 1.47 0.00	39.96 1.04 0.41	40.42 0.83 0.00	40.93 0.94 0.00	38.39 0.87 0.00	38.08 0.99 0.00	43.46 1.22 0.00	52.69 1.69 -0.69	104.92 3.16 -15.36	82.23 2.67 3.97	54.76 1.56 1.07	42.24 1.25 0.00	37.90 1.17 0.12	68.30 1.48 -22.60
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.43 0.53 -7.78	63.44 0.44 -26.60	50.58 0.35 -22.31	62.61 0.37 -35.29	71.61 0.40 -42.95	110.42 0.62 -79.72	89.22 1.07 -51.39	91.69 0.61 -73.02	63.36 1.77 0.00	54.84 1.36 0.00	50.82 1.36 0.00	40.38 1.05 0.00	40.51 0.92 0.00	40.93 0.95 0.00	38.47 0.94 0.00	38.00 0.91 0.00	43.22 0.97 0.00	52.08 1.54 -0.23	94.60 3.10 -5.10	86.27 2.74 0.00	55.89 1.62 0.00	42.21 1.22 0.00	37.98 1.13 0.00	45.35 1.12 0.00
N.QUEENS_27_KV_LOAD 356247	46.23 0.99 -8.12	64.94 0.76 -27.77	51.87 0.66 -23.29	64.38 0.60 -36.83	73.71 0.62 -44.83	114.15 0.86 -83.21	91.91 1.50 -53.64	95.14 0.87 -76.22	64.45 2.86 -0.01	55.64 2.16 0.00	51.29 1.83 0.00	40.83 1.50 -0.01	40.97 1.38 -0.01	41.39 1.41 0.00	39.00 1.47 0.00	38.46 1.38 0.00	43.78 1.53 0.00	52.69 2.14 -0.24	95.67 3.91 -5.36	87.13 3.61 0.00	56.36 2.09 0.00	42.60 1.61 0.00	38.32 1.47 0.00	45.58 1.36 0.00
N.TROY___115KV_TB1 355778	48.56 1.46 -9.98	72.04 1.50 -34.14	57.68 1.14 -28.63	73.33 1.10 -45.28	84.55 1.17 -55.12	133.56 1.18 -102.31	104.15 1.44 -65.95	112.56 0.76 -93.75	63.94 2.36 0.00	55.48 1.99 0.00	51.30 1.84 0.00	40.67 1.34 0.00	40.82 1.23 0.00	41.30 1.31 0.00	38.63 1.10 0.00	38.34 1.26 0.00	43.88 1.63 0.00	54.59 2.15 -2.13	137.69 3.91 -47.38	86.93 3.40 0.00	56.32 2.05 0.00	42.57 1.58 0.00	38.29 1.44 0.00	46.07 1.85 0.00
NARROWS_GT1_1 24228	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT1_2 24229	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT1_3 24230	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT1_4 24231	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96

NARROWS_GT1_5 24232	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT1_6 24233	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT1_7 24234	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT1_8 24235	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	277.51 2.04 -233.22	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT2_1 24236	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	111.26 2.04 -66.98	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT2_2 24237	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	111.26 2.04 -66.98	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT2_3 24238	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	111.26 2.04 -66.98	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT2_4 24239	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	111.26 2.04 -66.98	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT2_5 24240	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	111.26 2.04 -66.98	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT2_6 24241	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	111.26 2.04 -66.98	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT2_7 24242	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	111.26 2.04 -66.98	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NARROWS_GT2_8 24243	61.66 1.30 -23.24	65.20 1.02 -27.77	60.44 0.89 -31.63	66.82 0.84 -39.03	76.30 0.85 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.89 0.99 -114.85	163.11 3.25 -98.27	70.51 2.69 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.12 1.88 -22.26	57.52 1.82 -18.18	57.96 1.77 -19.11	111.26 2.04 -66.98	70.59 2.67 -17.62	117.25 4.75 -26.09	173.53 4.53 -85.48	100.77 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.88 2.35 -9.40	70.89 2.33 -32.15	56.66 1.78 -26.96	71.34 1.74 -42.65	82.02 1.85 -51.91	128.44 2.01 -96.35	101.37 2.50 -62.11	107.46 1.21 -88.20	65.56 3.98 0.00	56.72 3.24 0.00	52.36 2.90 0.00	41.53 2.21 0.00	41.38 1.79 0.00	42.03 2.04 0.00	39.26 1.74 0.00	38.90 1.81 0.00	44.60 2.36 0.00	54.26 3.16 -0.78	109.52 5.73 -17.39	88.90 5.38 0.00	57.61 3.34 0.00	43.42 2.43 0.00	38.96 2.10 0.00	46.89 2.66 0.00
NCHELSEA_115KV_TR2 355582	46.43 1.24 -8.07	65.16 1.15 -27.60	51.95 0.90 -23.14	64.44 0.88 -36.61	73.75 0.92 -44.56	113.90 1.11 -82.71	91.73 1.65 -53.31	94.71 0.91 -75.76	64.44 2.85 0.00	55.69 2.21 0.00	51.42 1.96 0.00	40.86 1.53 0.00	41.02 1.43 0.00	41.48 1.50 0.00	39.00 1.47 0.00	38.56 1.48 0.00	43.91 1.67 0.00	52.88 2.33 -0.24	96.25 4.45 -5.40	87.55 4.03 0.00	56.70 2.43 0.00	42.79 1.80 0.00	38.46 1.60 0.00	45.91 1.68 0.00
NEG CAPITAL___MECHNVIL 23645	49.59 2.39 -10.09	73.26 2.36 -34.50	58.63 1.80 -28.93	74.44 1.74 -45.76	85.82 1.86 -55.70	135.40 1.95 -103.37	105.87 2.47 -66.64	114.03 1.26 -94.72	65.62 4.03 0.00	56.89 3.41 0.00	52.54 3.07 0.00	41.65 2.32 0.00	41.91 2.32 0.00	42.33 2.34 0.00	39.47 1.94 0.00	39.27 2.18 0.00	45.06 2.82 0.00	56.35 3.66 -2.38	145.84 6.48 -52.96	89.47 5.95 0.00	57.90 3.63 0.00	43.69 2.70 0.00	39.21 2.36 0.00	47.11 2.89 0.00



NEG CENTRAL_HIGH_ACRES 23767	35.84 -2.42 -1.14	38.05 -2.26 -3.90	29.46 -1.73 -3.27	30.42 -1.70 -5.17	32.88 -1.67 -6.29	40.06 -1.70 -11.68	42.44 -1.85 -7.53	27.81 -0.98 -10.74	58.22 -3.36 0.00	50.72 -3.13 -0.36	47.01 -2.66 -0.21	37.35 -1.98 0.00	37.67 -1.92 0.00	37.98 -2.01 0.00	35.65 -1.88 0.00	35.14 -1.95 0.00	40.21 -2.04 0.00	47.87 -2.44 0.00	82.29 -4.11 0.00	79.90 -3.62 0.00	51.98 -2.29 0.00	38.92 -2.06 0.00	34.90 -1.96 0.00	41.82 -2.40 0.00
NEG CENTRAL___DRP 24199	37.29 -1.06 -1.23	39.57 -1.02 -4.19	30.62 -0.81 -3.51	31.79 -0.72 -5.56	34.34 -0.68 -6.76	41.97 -0.66 -12.55	44.38 -0.61 -8.23	29.34 -0.29 -11.58	60.49 -1.10 0.00	52.71 -1.22 -0.44	48.69 -1.03 -0.25	38.62 -0.71 0.00	38.96 -0.63 0.00	39.13 -0.86 0.00	36.78 -0.74 0.00	36.57 -0.86 -0.34	41.41 -0.83 0.00	49.51 -0.81 0.00	85.26 -1.14 0.00	82.58 -0.94 0.00	53.57 -0.70 0.00	40.13 -0.86 0.00	35.94 -0.91 0.00	43.00 -1.22 0.00
NEG CENTRAL___INDECK 23768	37.18 -1.51 -1.57	40.43 -1.35 -5.37	31.35 -1.07 -4.51	33.08 -0.99 -7.13	36.03 -0.91 -8.67	45.34 -0.84 -16.10	47.89 -0.76 -11.89	32.77 -0.43 -15.16	60.06 -1.53 0.00	51.92 -1.88 -0.32	47.72 -1.93 -0.18	38.02 -1.31 0.00	38.49 -1.10 0.00	38.64 -1.35 0.00	36.31 -1.22 0.00	39.04 -1.81 -3.76	40.42 -1.83 0.00	49.07 -1.30 -0.06	86.57 -1.13 -1.30	82.91 -0.62 0.00	53.67 -0.60 0.00	39.95 -1.04 0.00	35.65 -1.21 0.00	42.61 -1.62 0.00
NEG CENTRAL___SENECA 23627	37.35 -1.11 -1.34	39.93 -1.05 -4.58	30.92 -0.84 -3.84	32.29 -0.73 -6.07	34.95 -0.70 -7.39	43.15 -0.65 -13.72	45.20 -0.63 -9.06	30.41 -0.31 -12.67	60.48 -1.11 0.00	52.59 -1.28 -0.38	48.64 -1.04 -0.22	38.68 -0.64 0.00	39.08 -0.51 0.00	39.18 -0.80 0.00	36.85 -0.67 0.00	36.73 -0.91 -0.55	41.43 -0.82 0.00	49.61 -0.70 0.00	85.41 -0.99 0.00	82.78 -0.75 0.00	53.66 -0.61 0.00	40.14 -0.85 0.00	35.93 -0.92 0.00	42.96 -1.26 0.00
NEG CENTRAL___STATE_STREET 24147	37.70 -0.62 -1.20	39.90 -0.60 -4.10	30.87 -0.48 -3.43	31.96 -0.42 -5.43	34.45 -0.42 -6.61	41.89 -0.46 -12.27	44.40 -0.28 -7.91	29.22 -0.12 -11.29	61.02 -0.57 0.00	53.23 -0.73 -0.48	49.15 -0.58 -0.27	38.88 -0.44 0.00	39.14 -0.45 0.00	39.31 -0.67 0.00	36.93 -0.60 0.00	36.55 -0.53 0.00	41.80 -0.44 0.00	49.79 -0.52 0.00	85.98 -0.42 0.00	83.22 -0.30 0.00	53.99 -0.28 0.00	40.45 -0.53 0.00	36.24 -0.61 0.00	43.39 -0.83 0.00
NEG MILLWOOD___DRP 24198	46.66 1.38 -8.15	65.58 1.28 -27.89	52.29 0.99 -23.39	64.92 0.97 -37.00	74.33 1.04 -45.03	114.89 1.24 -83.58	92.47 1.83 -53.88	95.61 1.01 -76.56	64.75 3.16 0.00	55.98 2.49 0.00	51.66 2.20 0.00	41.04 1.71 0.00	41.18 1.59 0.00	41.62 1.64 0.00	39.14 1.61 0.00	38.72 1.63 0.00	44.09 1.85 0.00	53.10 2.55 -0.24	96.63 4.81 -5.42	87.91 4.39 0.00	56.92 2.65 0.00	42.95 1.96 0.00	38.60 1.75 0.00	46.04 1.81 0.00
NEG NORTH_FLCN_SEA 23793	39.07 1.95 0.00	38.00 1.60 0.00	29.01 1.10 0.00	27.93 0.98 0.00	29.33 1.07 0.00	31.21 1.13 0.00	38.05 1.29 0.00	18.67 0.62 0.00	64.01 2.42 0.00	53.57 2.14 2.06	50.21 1.92 1.18	40.85 1.53 0.00	41.46 1.87 0.00	42.32 2.33 0.00	39.36 1.83 0.00	39.23 2.14 0.00	44.77 2.52 0.00	53.05 2.74 0.00	90.71 4.31 0.00	87.83 4.30 0.00	57.00 2.72 0.00	43.17 2.18 0.00	38.91 2.06 0.00	47.19 2.97 0.00
NEG NORTH_KES_CHATEGAY 23792	38.51 1.39 0.00	37.63 1.22 0.00	28.78 0.86 0.00	27.72 0.76 0.00	29.10 0.84 0.00	30.94 0.86 0.00	37.53 0.76 0.00	18.34 0.29 0.00	63.12 1.53 0.00	51.96 1.41 2.94	48.95 1.16 1.68	40.38 1.05 0.00	40.79 1.20 0.00	41.59 1.60 0.00	38.78 1.26 0.00	38.56 1.47 0.00	43.87 1.63 0.00	51.84 1.53 0.00	88.25 1.85 0.00	85.99 2.47 0.00	55.78 1.51 0.00	42.29 1.30 0.00	38.20 1.35 0.00	46.12 1.90 0.00
NEG NORTH___ALICE_FALLS 23915	39.18 2.06 0.00	38.14 1.73 0.00	29.14 1.22 0.00	28.05 1.10 0.00	29.47 1.21 0.00	31.35 1.27 0.00	38.20 1.44 0.00	18.72 0.68 0.00	64.23 2.64 0.00	53.56 2.27 2.20	50.26 2.05 1.26	40.94 1.61 0.00	41.54 1.95 0.00	42.40 2.42 0.00	39.48 1.95 0.00	39.32 2.24 0.00	44.86 2.61 0.00	53.14 2.84 0.00	90.84 4.44 0.00	88.02 4.50 0.00	57.14 2.86 0.00	43.23 2.25 0.00	38.96 2.11 0.00	47.19 2.97 0.00
NEG NORTH___LWR_SARANAC 23913	39.18 2.06 0.00	38.14 1.73 0.00	29.14 1.22 0.00	28.05 1.10 0.00	29.47 1.21 0.00	31.35 1.27 0.00	38.20 1.44 0.00	18.72 0.68 0.00	64.23 2.64 0.00	53.56 2.27 2.20	50.26 2.05 1.26	40.94 1.61 0.00	41.54 1.95 0.00	42.40 2.42 0.00	39.48 1.95 0.00	39.32 2.24 0.00	44.86 2.61 0.00	53.14 2.84 0.00	90.84 4.44 0.00	88.02 4.50 0.00	57.14 2.86 0.00	43.23 2.25 0.00	38.96 2.11 0.00	47.19 2.97 0.00
NEG NORTH___PLATTSBURG 23628	39.18 2.06 0.00	38.14 1.73 0.00	29.14 1.22 0.00	28.06 1.11 0.00	29.47 1.21 0.00	31.35 1.27 0.00	38.20 1.44 0.00	18.73 0.68 0.00	64.23 2.64 0.00	53.56 2.27 2.20	50.26 2.05 1.26	40.94 1.61 0.00	41.54 1.95 0.00	42.40 2.42 0.00	39.48 1.95 0.00	39.32 2.24 0.00	44.86 2.61 0.00	53.14 2.83 0.00	90.83 4.43 0.00	88.02 4.49 0.00	57.13 2.86 0.00	43.23 2.25 0.00	38.96 2.11 0.00	47.19 2.97 0.00
NEG WEST_LEA_LOCKPORT 23791	34.70 -3.81 -1.39	37.61 -3.57 -4.77	29.15 -2.77 -4.00	30.52 -2.76 -6.32	33.27 -2.69 -7.70	41.56 -2.80 -14.29	42.24 -3.30 -8.77	29.21 -1.86 -13.02	55.65 -5.94 0.00	48.58 -5.22 -0.32	45.59 -4.06 -0.18	36.59 -2.73 0.00	37.08 -2.51 0.00	37.29 -2.70 0.00	34.93 -2.59 0.00	33.13 -2.86 1.09	39.26 -2.98 0.00	46.62 -3.69 0.00	79.78 -6.62 0.00	77.81 -5.71 0.00	50.94 -3.33 0.00	38.03 -2.96 0.00	34.12 -2.73 0.00	41.04 -3.18 0.00
NEG WEST___LANCASTER 23811	36.71 -1.99 -1.57	40.00 -1.78 -5.38	30.98 -1.45 -4.51	32.71 -1.38 -7.14	35.62 -1.33 -8.69	44.79 -1.41 -16.12	45.32 -1.63 -10.19	31.87 -0.93 -14.75	58.86 -2.73 0.00	51.48 -2.31 -0.31	48.07 -1.57 -0.18	38.41 -0.91 0.00	39.03 -0.56 0.00	39.15 -0.84 0.00	36.61 -0.92 0.00	35.39 -1.19 0.50	41.25 -1.00 0.00	49.02 -1.35 -0.06	85.24 -2.45 -1.29	81.79 -1.73 0.00	53.36 -0.91 0.00	39.78 -1.21 0.00	35.73 -1.13 0.00	42.82 -1.40 0.00
NEG_PENN_ALLEGHNY 23528	39.10 -0.72 -2.70	44.94 -0.69 -9.22	35.08 -0.57 -7.73	38.70 -0.49 -12.23	42.65 -0.50 -14.89	57.27 -0.44 -27.64	54.11 -0.46 -17.81	43.21 -0.19 -25.35	60.91 -0.68 0.00	52.75 -0.73 0.00	48.96 -0.51 0.00	39.03 -0.29 0.00	39.44 -0.14 0.00	39.57 -0.42 0.00	37.17 -0.35 0.00	36.58 -0.50 0.00	41.72 -0.52 0.00	50.05 -0.37 -0.11	88.37 -0.48 -2.45	83.13 -0.39 0.00	53.92 -0.35 0.00	40.47 -0.51 0.00	36.35 -0.51 0.00	43.46 -0.76 0.00
NEG___GEN_MONROE 24207	36.26 -2.04 -1.18	38.59 -1.87 -4.05	29.86 -1.45 -3.40	30.87 -1.45 -5.37	33.43 -1.37 -6.54	40.82 -1.39 -12.14	43.07 -1.44 -7.75	28.36 -0.82 -11.14	58.86 -2.73 0.00	51.25 -2.58 -0.33	47.57 -2.09 -0.19	37.90 -1.43 0.00	38.25 -1.33 0.00	38.49 -1.50 0.00	36.14 -1.39 0.00	35.34 -1.56 0.18	40.69 -1.55 0.00	48.49 -1.81 0.00	83.39 -3.01 0.00	81.11 -2.42 0.00	52.85 -1.42 0.00	39.53 -1.46 0.00	35.43 -1.43 0.00	42.48 -1.74 0.00

NEPA__ENERGY 23901	36.26 -2.44 -1.58	39.59 -2.21 -5.39	30.63 -1.81 -4.52	32.46 -1.65 -7.15	35.30 -1.67 -8.71	44.55 -1.69 -16.16	44.86 -2.11 -10.20	31.71 -1.13 -14.79	57.99 -3.59 0.00	50.54 -3.25 -0.31	47.25 -2.39 -0.18	37.93 -1.40 0.00	38.56 -1.03 0.00	38.45 -1.53 0.00	36.01 -1.52 0.00	34.74 -1.81 0.53	40.65 -1.59 0.00	48.73 -1.64 -0.06	84.93 -2.76 -1.30	81.25 -2.28 0.00	52.75 -1.52 0.00	39.16 -1.83 0.00	35.10 -1.75 0.00	41.98 -2.24 0.00
NEVERSink__HYD 23608	45.41 0.97 -7.31	62.29 0.87 -25.02	49.58 0.69 -20.98	60.83 0.70 -33.18	69.40 0.74 -40.39	106.00 0.95 -74.97	86.52 1.43 -48.33	87.50 0.78 -68.67	64.01 2.42 0.00	55.17 1.68 0.00	50.91 1.44 0.00	40.38 1.05 0.00	40.74 1.15 0.00	41.27 1.28 0.00	38.81 1.28 0.00	38.29 1.20 0.00	43.62 1.37 0.00	52.96 2.40 -0.24	96.47 4.66 -5.41	87.93 4.40 0.00	56.93 2.66 0.00	42.91 1.93 0.00	38.55 1.70 0.00	46.00 1.77 0.00
NEWKRMKL_115KV_TB1 55635	48.34 1.31 -9.91	71.62 1.31 -33.90	57.34 1.00 -28.42	72.89 0.98 -44.96	84.03 1.05 -54.73	132.74 1.09 -101.58	103.60 1.36 -65.48	112.32 0.80 -93.47	64.50 2.91 0.00	55.96 2.47 0.00	51.77 2.31 0.00	41.07 1.74 0.00	41.23 1.64 0.00	41.66 1.68 0.00	38.99 1.46 0.00	38.71 1.62 0.00	44.17 1.92 0.00	54.77 2.54 -1.92	133.61 4.50 -42.71	87.55 4.03 0.00	56.74 2.47 0.00	42.85 1.86 0.00	38.50 1.65 0.00	46.26 2.04 0.00
NEWTON__FALLS_HYD 23847	41.71 4.19 -0.39	41.78 4.03 -1.34	31.95 2.91 -1.13	31.39 2.66 -1.78	33.43 3.01 -2.17	37.17 3.06 -4.03	41.36 2.00 -2.60	22.44 1.11 -3.28	68.37 6.78 0.00	72.50 6.43 -12.59	62.80 6.14 -7.19	43.89 4.56 0.00	44.10 4.51 0.00	44.63 4.64 0.00	41.62 4.09 0.00	40.58 3.49 0.00	46.23 3.98 0.00	54.73 4.42 0.00	88.02 1.62 0.00	89.26 5.74 0.00	57.79 3.52 0.00	43.67 2.68 0.00	39.69 2.83 0.00	48.07 3.85 0.00
NGRID_A1_DSASP 323792	34.44 -4.09 -1.41	37.43 -3.78 -4.81	29.03 -2.92 -4.03	30.39 -2.93 -6.38	33.18 -2.84 -7.76	41.47 -3.01 -14.40	42.16 -3.54 -8.94	29.20 -2.00 -13.15	55.14 -6.44 0.00	48.03 -5.77 -0.32	44.92 -4.73 -0.18	35.97 -3.36 0.00	36.40 -3.18 0.00	36.69 -3.30 0.00	34.34 -3.18 0.00	32.99 -3.25 0.85	38.80 -3.45 0.00	45.90 -4.41 0.00	78.44 -7.96 0.00	76.48 -7.04 0.00	50.15 -4.12 0.00	37.43 -3.56 0.00	33.65 -3.21 0.00	40.48 -3.74 0.00
NGRID_A2_DSASP 323793	34.44 -4.09 -1.41	37.43 -3.78 -4.81	29.03 -2.92 -4.03	30.39 -2.93 -6.38	33.18 -2.84 -7.76	41.47 -3.01 -14.40	42.16 -3.54 -8.94	29.20 -2.00 -13.15	55.14 -6.44 0.00	48.03 -5.77 -0.32	44.92 -4.73 -0.18	35.97 -3.36 0.00	36.40 -3.18 0.00	36.69 -3.30 0.00	34.34 -3.18 0.00	32.99 -3.25 0.85	38.80 -3.45 0.00	45.90 -4.41 0.00	78.44 -7.96 0.00	76.48 -7.04 0.00	50.15 -4.12 0.00	37.43 -3.56 0.00	33.65 -3.21 0.00	40.48 -3.74 0.00
NGRID_A4_DSASP 323807	34.44 -4.09 -1.41	37.43 -3.78 -4.81	29.03 -2.92 -4.03	30.39 -2.93 -6.38	33.18 -2.84 -7.76	41.47 -3.01 -14.40	42.16 -3.54 -8.94	29.20 -2.00 -13.15	55.14 -6.44 0.00	48.03 -5.77 -0.32	44.92 -4.73 -0.18	35.97 -3.36 0.00	36.40 -3.18 0.00	36.69 -3.30 0.00	34.34 -3.18 0.00	32.99 -3.25 0.85	38.80 -3.45 0.00	45.90 -4.41 0.00	78.44 -7.96 0.00	76.48 -7.04 0.00	50.15 -4.12 0.00	37.43 -3.56 0.00	33.65 -3.21 0.00	40.48 -3.74 0.00
NIAGARA_115E_LBMP 323715	34.48 -4.05 -1.41	37.35 -3.87 -4.82	28.92 -3.03 -4.04	30.32 -3.02 -6.38	33.08 -2.95 -7.77	41.43 -3.07 -14.43	42.08 -3.64 -8.96	29.17 -2.04 -13.17	55.08 -6.51 0.00	47.99 -5.81 -0.32	44.97 -4.68 -0.18	36.10 -3.23 0.00	36.59 -3.00 0.00	36.87 -3.12 0.00	34.53 -3.00 0.00	32.97 -3.26 0.85	38.77 -3.47 0.00	45.85 -4.46 0.00	78.36 -8.04 0.00	76.48 -7.04 0.00	50.21 -4.06 0.00	37.56 -3.43 0.00	33.74 -3.11 0.00	40.63 -3.59 0.00
NIAGARA_115W_LBMP 323714	34.38 -4.14 -1.40	37.36 -3.84 -4.80	28.99 -2.95 -4.03	30.35 -2.97 -6.37	33.12 -2.89 -7.75	41.39 -3.07 -14.39	42.09 -3.60 -8.93	29.15 -2.03 -13.13	55.04 -6.54 0.00	47.93 -5.87 -0.32	44.85 -4.80 -0.18	35.89 -3.43 0.00	36.33 -3.26 0.00	36.62 -3.37 0.00	34.28 -3.24 0.00	32.92 -3.30 0.86	38.73 -3.52 0.00	45.83 -4.48 0.00	78.31 -8.09 0.00	76.36 -7.16 0.00	50.06 -4.21 0.00	37.37 -3.62 0.00	33.59 -3.26 0.00	40.43 -3.79 0.00
NIAGARA_230_LBMP 323716	34.74 -3.77 -1.39	37.71 -3.45 -4.75	29.26 -2.65 -3.99	30.59 -2.67 -6.31	33.36 -2.58 -7.68	41.57 -2.75 -14.25	42.36 -3.22 -8.83	29.22 -1.83 -13.00	55.67 -5.91 0.00	48.52 -5.28 -0.32	45.40 -4.25 -0.18	36.34 -2.99 0.00	36.79 -2.80 0.00	37.06 -2.92 0.00	34.68 -2.84 0.00	33.24 -2.95 0.89	39.10 -3.15 0.00	46.27 -4.04 0.00	79.12 -7.29 0.00	77.20 -6.32 0.00	50.58 -3.69 0.00	37.76 -3.23 0.00	33.95 -2.91 0.00	40.84 -3.39 0.00
NIAGARA__115KV_198_GIBSON 55903	34.38 -4.15 -1.40	37.36 -3.85 -4.80	28.98 -2.96 -4.03	30.35 -2.97 -6.37	33.12 -2.90 -7.75	41.38 -3.08 -14.39	42.08 -3.61 -8.93	29.14 -2.04 -13.13	55.04 -6.54 0.00	47.95 -5.86 -0.32	44.84 -4.81 -0.18	35.89 -3.43 0.00	36.33 -3.26 0.00	36.60 -3.38 0.00	34.28 -3.24 0.00	32.91 -3.32 0.86	38.73 -3.52 0.00	45.82 -4.49 0.00	78.31 -8.09 0.00	76.35 -7.17 0.00	50.05 -4.22 0.00	37.37 -3.62 0.00	33.59 -3.26 0.00	40.43 -3.79 0.00
NIAGARA____ 23760	34.75 -3.77 -1.40	37.75 -3.45 -4.80	29.30 -2.65 -4.03	30.66 -2.67 -6.37	33.44 -2.58 -7.76	41.71 -2.75 -14.39	42.46 -3.22 -8.92	29.31 -1.83 -13.09	55.67 -5.91 0.00	48.52 -5.28 -0.32	45.40 -4.25 -0.18	36.34 -2.99 0.00	36.79 -2.80 0.00	37.06 -2.92 0.00	34.68 -2.84 0.00	33.27 -2.95 0.87	39.10 -3.15 0.00	46.27 -4.04 0.00	79.12 -7.29 0.00	77.20 -6.32 0.00	50.58 -3.69 0.00	37.76 -3.23 0.00	33.95 -2.91 0.00	40.84 -3.39 0.00
NINE_MILE_1 23575	36.08 -1.69 -0.65	36.97 -1.68 -2.24	28.49 -1.30 -1.88	28.70 -1.23 -2.97	30.57 -1.30 -3.61	35.44 -1.35 -6.71	39.50 -1.58 -4.33	23.49 -0.73 -6.18	58.88 -2.71 0.00	51.06 -2.43 0.00	47.27 -2.20 0.00	37.62 -1.70 0.00	37.90 -1.69 0.00	38.19 -1.79 0.00	35.88 -1.65 0.00	35.44 -1.64 0.00	40.49 -1.76 0.00	48.24 -2.07 0.00	82.83 -3.57 0.00	80.10 -3.42 0.00	52.03 -2.24 0.00	39.22 -1.76 0.00	35.24 -1.62 0.00	42.26 -1.96 0.00
NINE_MILE_2 23744	36.09 -1.69 -0.65	36.96 -1.68 -2.23	28.49 -1.30 -1.87	28.69 -1.22 -2.96	30.56 -1.30 -3.61	35.42 -1.35 -6.69	39.50 -1.57 -4.31	23.48 -0.73 -6.16	58.88 -2.71 0.00	51.06 -2.43 0.00	47.27 -2.19 0.00	37.62 -1.70 0.00	37.90 -1.69 0.00	38.19 -1.79 0.00	35.88 -1.65 0.00	35.45 -1.64 0.00	40.49 -1.76 0.00	48.24 -2.07 0.00	82.83 -3.57 0.00	80.10 -3.42 0.00	52.03 -2.24 0.00	39.23 -1.76 0.00	35.24 -1.62 0.00	42.26 -1.96 0.00
NM_CAPITAL__DRP 24208	48.27 1.26 -9.89	71.51 1.28 -33.83	57.25 0.98 -28.36	72.76 0.94 -44.87	83.87 1.00 -54.61	132.47 1.03 -101.36	103.35 1.25 -65.35	111.60 0.66 -92.88	63.67 2.08 0.00	55.26 1.78 0.00	51.10 1.64 0.00	40.55 1.22 0.00	40.67 1.09 0.00	41.14 1.16 0.00	38.55 1.02 0.00	38.22 1.13 0.00	43.59 1.35 0.00	53.67 1.80 -1.57	124.41 3.21 -34.79	86.34 2.82 0.00	55.98 1.70 0.00	42.32 1.33 0.00	38.07 1.22 0.00	45.78 1.56 0.00

NM_CENTRAL___DRP 24181	36.84 -1.18 -0.89	38.30 -1.18 -3.07	29.57 -0.91 -2.57	30.17 -0.85 -4.07	32.32 -0.89 -4.95	38.40 -0.87 -9.18	41.75 -0.93 -5.92	26.16 -0.42 -8.53	59.94 -1.65 0.00	52.56 -1.52 -0.59	48.46 -1.35 -0.34	38.29 -1.04 0.00	38.58 -1.01 0.00	38.81 -1.18 0.00	36.51 -1.01 0.00	36.06 -1.03 0.00	41.24 -1.00 0.00	49.21 -1.10 0.00	84.50 -1.90 0.00	81.72 -1.80 0.00	53.05 -1.22 0.00	39.96 -1.03 0.00	35.85 -1.00 0.00	42.95 -1.27 0.00
NM_FRONTIER___DRP 24179	34.38 -4.15 -1.40	37.36 -3.85 -4.80	28.98 -2.96 -4.03	30.35 -2.97 -6.37	33.12 -2.90 -7.75	41.38 -3.08 -14.39	42.08 -3.61 -8.93	29.14 -2.04 -13.13	55.04 -6.54 0.00	47.95 -5.86 -0.32	44.84 -4.81 -0.18	35.89 -3.43 0.00	36.33 -3.26 0.00	36.60 -3.38 0.00	34.28 -3.24 0.00	32.91 -3.32 0.86	38.73 -3.52 0.00	45.82 -4.49 0.00	78.31 -8.09 0.00	76.35 -7.17 0.00	50.05 -4.22 0.00	37.37 -3.62 0.00	33.59 -3.26 0.00	40.43 -3.79 0.00
NM_ST_REGIS___HYD 24053	42.73 5.32 -0.28	42.49 5.11 -0.97	32.49 3.76 -0.82	31.75 3.51 -1.29	33.69 3.86 -1.57	36.85 3.86 -2.92	41.00 2.36 -1.88	21.73 1.31 -2.38	69.61 8.02 0.00	78.05 7.25 -17.32	66.40 7.04 -9.89	44.80 5.48 0.00	45.05 5.46 0.00	45.70 5.72 0.00	42.64 5.12 0.00	41.64 4.56 0.00	47.23 4.98 0.00	55.61 5.30 0.00	88.25 1.85 0.00	90.94 7.42 0.00	58.99 4.72 0.00	44.80 3.81 0.00	41.09 4.24 0.00	49.82 5.60 0.00
NORTHPORT___1 23551	46.78 1.54 -8.12	65.54 1.37 -27.76	52.37 1.18 -23.28	65.03 1.26 -36.82	74.38 1.29 -44.82	114.55 1.28 -83.19	92.34 1.95 -53.63	95.29 1.04 -76.20	64.83 3.25 0.00	55.70 2.21 0.00	51.56 2.10 0.00	40.86 1.54 0.00	40.86 1.27 0.00	41.59 1.60 0.00	39.28 1.75 0.00	38.73 1.65 0.00	44.44 2.19 0.00	53.28 2.73 -0.24	96.44 4.68 -5.35	87.97 4.45 0.00	56.78 2.51 0.00	42.80 1.81 0.00	38.64 1.79 0.00	45.95 1.73 0.00
NORTHPORT___2 23552	46.78 1.54 -8.12	65.54 1.37 -27.76	52.37 1.18 -23.28	65.03 1.26 -36.82	74.38 1.29 -44.82	114.55 1.28 -83.19	92.34 1.95 -53.63	95.29 1.04 -76.20	64.83 3.25 0.00	55.70 2.21 0.00	51.56 2.10 0.00	40.86 1.54 0.00	40.86 1.27 0.00	41.59 1.60 0.00	39.28 1.75 0.00	38.73 1.65 0.00	44.44 2.19 0.00	53.28 2.73 -0.24	96.44 4.68 -5.35	87.97 4.45 0.00	56.78 2.51 0.00	42.80 1.81 0.00	38.64 1.79 0.00	45.95 1.73 0.00
NORTHPORT___3 23553	46.67 1.44 -8.12	65.45 1.29 -27.76	52.26 1.06 -23.28	64.87 1.10 -36.82	74.20 1.12 -44.82	114.41 1.14 -83.19	92.10 1.71 -53.63	95.20 0.95 -76.20	64.54 2.95 0.00	55.53 2.04 0.00	51.46 2.00 0.00	40.85 1.52 0.00	40.87 1.28 0.00	41.58 1.60 0.00	39.24 1.71 0.00	38.69 1.60 0.00	44.24 1.99 0.00	53.00 2.45 -0.24	96.01 4.26 -5.35	87.43 3.90 0.00	56.47 2.20 0.00	42.62 1.64 0.00	38.49 1.64 0.00	45.86 1.63 0.00
NORTHPORT___4 23650	46.67 1.44 -8.12	65.45 1.29 -27.76	52.26 1.06 -23.28	64.87 1.10 -36.82	74.20 1.12 -44.82	114.41 1.14 -83.19	92.10 1.71 -53.63	95.20 0.95 -76.20	64.54 2.95 0.00	55.53 2.04 0.00	51.46 2.00 0.00	40.85 1.52 0.00	40.87 1.28 0.00	41.58 1.60 0.00	39.24 1.71 0.00	38.69 1.60 0.00	44.24 1.99 0.00	53.00 2.45 -0.24	96.01 4.26 -5.35	87.43 3.90 0.00	56.47 2.20 0.00	42.62 1.64 0.00	38.49 1.64 0.00	45.86 1.63 0.00
NORTHPORT___IC 23718	46.78 1.54 -8.12	65.53 1.37 -27.76	52.37 1.18 -23.28	65.03 1.26 -36.82	74.37 1.29 -44.82	114.55 1.28 -83.19	92.34 1.95 -53.63	95.30 1.05 -76.20	64.84 3.25 0.00	55.69 2.21 0.00	51.56 2.09 0.00	40.86 1.54 0.00	40.86 1.27 0.00	41.59 1.60 0.00	39.28 1.75 0.00	38.74 1.65 0.00	44.44 2.20 0.00	53.29 2.74 -0.24	96.44 4.69 -5.35	87.97 4.45 0.00	56.77 2.50 0.00	42.80 1.81 0.00	38.64 1.78 0.00	45.96 1.73 0.00
NORTH___COUNTRY_ESR 323785	38.34 1.22 0.00	37.48 1.08 0.00	28.68 0.76 0.00	27.63 0.68 0.00	29.02 0.75 0.00	30.81 0.73 0.00	37.35 0.59 0.00	18.25 0.20 0.00	62.92 1.33 0.00	51.83 1.30 2.96	48.90 1.12 1.69	40.28 0.96 0.00	40.66 1.08 0.00	41.47 1.49 0.00	38.68 1.15 0.00	38.38 1.30 0.00	43.63 1.38 0.00	51.54 1.22 0.00	87.73 1.34 0.00	85.49 1.97 0.00	55.49 1.22 0.00	42.08 1.10 0.00	38.02 1.17 0.00	45.90 1.67 0.00
NPX_GEN_1385_PROXY 323591	46.58 1.34 -8.12	65.37 1.20 -27.76	52.46 1.27 -23.28	65.45 1.67 -36.82	74.90 1.82 -44.82	114.65 1.38 -83.19	98.55 2.12 -59.66	94.50 0.98 -75.47	64.68 3.09 0.00	54.77 1.28 0.00	50.82 1.36 0.00	40.00 0.68 0.00	39.98 0.39 0.00	40.73 0.74 0.00	33.62 0.90 4.81	38.06 0.98 0.00	44.13 1.88 0.00	52.60 2.06 -0.24	94.87 3.12 -5.35	86.82 3.30 0.00	55.99 1.72 0.00	42.09 1.11 0.00	38.13 1.27 0.00	45.41 1.19 0.00
NPX_GEN_CSC 323557	47.27 2.03 -8.12	65.98 1.81 -27.76	52.69 1.50 -23.28	65.32 1.55 -36.82	74.67 1.58 -44.82	114.95 1.68 -83.19	98.90 2.48 -59.66	94.82 1.30 -75.47	65.62 4.03 0.00	56.31 2.83 0.00	51.91 2.44 0.00	41.01 1.68 0.00	40.90 1.31 0.00	41.73 1.75 0.00	39.56 2.03 0.00	38.86 1.78 0.00	44.73 2.48 0.00	53.88 3.33 -0.24	97.36 5.61 -5.35	89.16 5.64 0.00	57.51 3.24 0.00	43.30 2.32 0.00	39.02 2.17 0.00	46.32 2.10 0.00
NSINS_S___GLNS_FALLS 23858	51.17 3.94 -10.11	74.88 3.91 -34.57	59.89 2.99 -28.98	75.68 2.88 -45.85	87.17 3.10 -55.81	136.88 3.21 -103.59	107.60 4.06 -66.78	115.00 2.02 -94.92	68.12 6.54 0.00	59.13 5.64 0.00	54.31 4.84 0.00	43.07 3.74 0.00	43.51 3.92 0.00	43.99 4.01 0.00	40.72 3.20 0.00	40.77 3.68 0.00	46.99 4.75 0.00	58.87 6.13 -2.43	150.97 10.70 -53.88	93.53 10.01 0.00	60.40 6.13 0.00	45.50 4.51 0.00	40.79 3.94 0.00	49.01 4.79 0.00
NUCOR_STEEL___DRP 24197	37.64 -0.64 -1.16	39.75 -0.61 -3.95	30.74 -0.49 -3.31	31.76 -0.43 -5.24	34.20 -0.44 -6.38	41.43 -0.49 -11.85	44.08 -0.31 -7.64	28.82 -0.13 -10.91	60.97 -0.62 0.00	53.20 -0.78 -0.49	49.12 -0.63 -0.28	38.85 -0.48 0.00	39.11 -0.48 0.00	39.24 -0.74 0.00	36.87 -0.66 0.00	36.51 -0.57 0.00	41.77 -0.48 0.00	49.72 -0.59 0.00	85.89 -0.51 0.00	83.14 -0.38 0.00	53.95 -0.32 0.00	40.41 -0.57 0.00	36.21 -0.64 0.00	43.36 -0.86 0.00
NUMBER_THREE_WT_PWR 323818	39.92 2.38 -0.43	40.17 2.30 -1.46	30.73 1.59 -1.22	30.23 1.34 -1.94	32.25 1.63 -2.36	36.21 1.76 -4.38	41.22 1.64 -2.82	22.35 0.89 -3.41	66.30 4.71 0.00	68.09 4.91 -9.69	59.50 4.50 -5.54	42.48 3.15 0.00	42.68 3.10 0.00	43.08 3.10 0.00	40.04 2.51 0.00	39.15 2.06 0.00	44.76 2.52 0.00	53.33 3.02 0.00	88.76 2.36 0.00	87.09 3.57 0.00	56.38 2.11 0.00	42.27 1.29 0.00	37.81 0.96 0.00	45.73 1.51 0.00
NYISO_LBMP_REFERENCE 24008	37.12 0.00 0.00	36.41 0.00 0.00	27.91 0.00 0.00	26.95 0.00 0.00	28.26 0.00 0.00	30.08 0.00 0.00	36.76 0.00 0.00	18.05 0.00 0.00	61.59 0.00 0.00	53.49 0.00 0.00	49.46 0.00 0.00	39.33 0.00 0.00	39.59 0.00 0.00	39.98 0.00 0.00	37.53 0.00 0.00	37.09 0.00 0.00	42.24 0.00 0.00	50.31 0.00 0.00	86.40 0.00 0.00	83.52 0.00 0.00	54.27 0.00 0.00	40.99 0.00 0.00	36.85 0.00 0.00	44.22 0.00 0.00









PORT_JEFF_4 23616	47.24 2.00 -8.12	65.95 1.78 -27.76	52.67 1.48 -23.28	65.30 1.52 -36.82	74.65 1.57 -44.82	114.92 1.66 -83.19	92.84 2.45 -53.63	95.55 1.30 -76.20	65.65 4.06 0.00	56.39 2.90 0.00	52.02 2.56 0.00	41.15 1.82 0.00	41.05 1.46 0.00	41.80 1.81 0.00	39.67 2.15 0.00	39.06 1.97 0.00	44.85 2.61 0.00	53.99 3.44 -0.24	97.72 5.97 -5.35	89.31 5.79 0.00	57.61 3.34 0.00	43.39 2.40 0.00	39.10 2.25 0.00	46.42 2.20 0.00
PORT_JEFF_IC 23713	47.25 2.01 -8.12	65.96 1.80 -27.76	52.67 1.48 -23.28	65.30 1.53 -36.82	74.66 1.57 -44.82	114.93 1.67 -83.19	92.85 2.46 -53.63	95.56 1.30 -76.20	65.67 4.08 0.00	56.40 2.91 0.00	52.04 2.58 0.00	41.17 1.84 0.00	41.07 1.48 0.00	41.86 1.88 0.00	39.69 2.16 0.00	39.09 2.00 0.00	44.88 2.64 0.00	54.01 3.46 -0.24	97.78 6.03 -5.35	89.33 5.81 0.00	57.64 3.36 0.00	43.41 2.42 0.00	39.11 2.26 0.00	46.44 2.22 0.00
PPL PILGRIM_ST_GT1 24216	47.23 1.99 -8.12	65.95 1.78 -27.76	52.66 1.46 -23.28	65.29 1.51 -36.82	74.65 1.57 -44.82	114.91 1.64 -83.19	92.84 2.45 -53.63	95.55 1.30 -76.20	65.69 4.10 0.00	56.45 2.96 0.00	52.17 2.70 0.00	41.28 1.95 0.00	41.26 1.68 0.00	42.04 2.05 0.00	39.76 2.23 0.00	39.16 2.07 0.00	44.94 2.69 0.00	54.06 3.51 -0.24	97.87 6.11 -5.35	89.33 5.81 0.00	57.67 3.40 0.00	43.42 2.44 0.00	39.14 2.29 0.00	46.50 2.28 0.00
PPL PILGRIM_ST_GT2 24217	47.23 1.99 -8.12	65.95 1.78 -27.76	52.66 1.46 -23.28	65.29 1.51 -36.82	74.65 1.57 -44.82	114.91 1.64 -83.19	92.84 2.45 -53.63	95.55 1.30 -76.20	65.69 4.10 0.00	56.45 2.96 0.00	52.17 2.70 0.00	41.28 1.95 0.00	41.26 1.68 0.00	42.04 2.05 0.00	39.76 2.23 0.00	39.16 2.07 0.00	44.94 2.69 0.00	54.06 3.51 -0.24	97.87 6.11 -5.35	89.33 5.81 0.00	57.67 3.40 0.00	43.42 2.44 0.00	39.14 2.29 0.00	46.50 2.28 0.00
PPL_SHRM_GT3 24213	47.35 2.11 -8.12	66.05 1.88 -27.76	52.75 1.56 -23.28	65.39 1.61 -36.82	74.74 1.65 -44.82	115.02 1.75 -83.19	92.96 2.57 -53.63	95.60 1.34 -76.20	65.74 4.15 0.00	56.40 2.91 0.00	51.95 2.49 0.00	41.02 1.70 0.00	40.90 1.31 0.00	41.75 1.76 0.00	39.59 2.07 0.00	38.90 1.82 0.00	44.78 2.53 0.00	53.94 3.39 -0.24	97.49 5.74 -5.35	89.33 5.81 0.00	57.62 3.35 0.00	43.38 2.39 0.00	39.08 2.22 0.00	46.39 2.17 0.00
PPL_SHRM_GT4 24214	47.35 2.11 -8.12	66.05 1.88 -27.76	52.75 1.56 -23.28	65.39 1.61 -36.82	74.74 1.65 -44.82	115.02 1.75 -83.19	92.96 2.57 -53.63	95.60 1.34 -76.20	65.74 4.15 0.00	56.40 2.91 0.00	51.95 2.49 0.00	41.02 1.70 0.00	40.90 1.31 0.00	41.75 1.76 0.00	39.59 2.07 0.00	38.90 1.82 0.00	44.78 2.53 0.00	53.94 3.39 -0.24	97.49 5.74 -5.35	89.33 5.81 0.00	57.62 3.35 0.00	43.38 2.39 0.00	39.08 2.22 0.00	46.39 2.17 0.00
PROJECT___ORANGE 1 24174	36.84 -1.19 -0.91	38.32 -1.18 -3.10	29.60 -0.92 -2.60	30.20 -0.86 -4.11	32.37 -0.90 -5.00	38.49 -0.88 -9.29	41.81 -0.94 -5.99	26.25 -0.42 -8.62	59.94 -1.65 0.00	52.55 -1.52 -0.58	48.45 -1.35 -0.33	38.29 -1.04 0.00	38.58 -1.01 0.00	38.81 -1.17 0.00	36.50 -1.02 0.00	36.06 -1.03 0.00	41.24 -1.00 0.00	49.20 -1.11 0.00	84.50 -1.90 0.00	81.72 -1.80 0.00	53.05 -1.22 0.00	39.96 -1.03 0.00	35.85 -1.01 0.00	42.94 -1.28 0.00
PROJECT___ORANGE 2 24166	36.84 -1.19 -0.91	38.32 -1.18 -3.10	29.60 -0.92 -2.60	30.20 -0.86 -4.11	32.37 -0.90 -5.00	38.49 -0.88 -9.29	41.81 -0.94 -5.99	26.25 -0.42 -8.62	59.94 -1.65 0.00	52.55 -1.52 -0.58	48.45 -1.35 -0.33	38.29 -1.04 0.00	38.58 -1.01 0.00	38.81 -1.17 0.00	36.50 -1.02 0.00	36.06 -1.03 0.00	41.24 -1.00 0.00	49.20 -1.11 0.00	84.50 -1.90 0.00	81.72 -1.80 0.00	53.05 -1.22 0.00	39.96 -1.03 0.00	35.85 -1.01 0.00	42.94 -1.28 0.00
PUCKETT___SOLAR 323809	39.51 -0.38 -2.76	45.47 -0.38 -9.44	35.61 -0.22 -7.92	39.31 -0.16 -12.53	43.38 -0.12 -15.25	58.36 -0.02 -28.30	55.12 0.12 -18.24	44.06 0.05 -25.95	61.67 0.08 0.00	53.48 0.00 0.00	49.52 0.05 0.00	39.37 0.04 0.00	39.80 0.21 0.00	39.73 -0.26 0.00	37.48 -0.04 0.00	36.92 -0.17 0.00	41.87 -0.38 0.00	50.31 -0.14 -0.14	89.55 0.07 -3.08	83.71 0.19 0.00	54.20 -0.07 0.00	40.63 -0.36 0.00	36.48 -0.38 0.00	43.60 -0.62 0.00
PYRITES___HYD 24023	44.49 7.05 -0.32	44.31 6.80 -1.10	33.87 5.03 -0.92	33.15 4.74 -1.46	35.24 5.21 -1.78	38.70 5.33 -3.30	42.76 3.87 -2.13	22.76 2.02 -2.69	72.42 10.84 0.00	78.74 9.56 -15.69	67.75 9.32 -8.97	46.50 7.17 0.00	46.68 7.09 0.00	47.28 7.30 0.00	44.18 6.66 0.00	43.10 6.01 0.00	49.18 6.93 0.00	58.10 7.80 0.00	91.19 4.79 0.00	94.83 11.30 0.00	61.34 7.07 0.00	46.51 5.52 0.00	42.70 5.85 0.00	51.69 7.47 0.00
QUAKERRD_115KV_BK1 80622	35.61 -2.65 -1.14	37.82 -2.48 -3.89	29.29 -1.90 -3.26	30.25 -1.86 -5.16	32.70 -1.84 -6.28	39.83 -1.92 -11.67	42.16 -2.13 -7.52	27.66 -1.12 -10.72	57.76 -3.82 0.00	50.38 -3.46 -0.35	46.71 -2.95 -0.20	37.15 -2.18 0.00	37.47 -2.12 0.00	37.75 -2.23 0.00	35.42 -2.11 0.00	34.92 -2.17 0.00	39.95 -2.29 0.00	47.54 -2.77 0.00	81.62 -4.78 0.00	79.23 -4.29 0.00	51.58 -2.69 0.00	38.65 -2.34 0.00	34.66 -2.20 0.00	41.56 -2.66 0.00
QUENSBRY_115KV_TB8 356137	51.38 4.15 -10.11	75.11 4.12 -34.58	60.06 3.15 -28.99	75.84 3.03 -45.86	87.35 3.26 -55.83	137.06 3.37 -103.62	107.80 4.24 -66.80	115.13 2.13 -94.95	68.43 6.84 0.00	59.42 5.94 0.00	54.52 5.05 0.00	43.24 3.92 0.00	43.73 4.14 0.00	44.21 4.23 0.00	40.90 3.38 0.00	40.98 3.89 0.00	47.25 5.01 0.00	59.21 6.47 -2.43	151.64 11.24 -54.00	94.07 10.54 0.00	60.73 6.46 0.00	45.74 4.75 0.00	40.99 4.14 0.00	49.25 5.02 0.00
RAMAPO___LBMP 323565	45.25 0.42 -7.70	63.08 0.33 -26.34	50.28 0.28 -22.09	62.19 0.30 -34.94	71.11 0.32 -42.53	109.55 0.53 -78.94	88.58 0.92 -50.89	90.90 0.54 -72.31	63.07 1.48 0.00	54.58 1.09 0.00	50.60 1.14 0.00	40.19 0.86 0.00	40.33 0.74 0.00	40.73 0.75 0.00	38.29 0.76 0.00	37.83 0.74 0.00	43.01 0.76 0.00	51.85 1.31 -0.23	94.16 2.72 -5.04	85.92 2.40 0.00	55.68 1.40 0.00	42.05 1.06 0.00	37.84 0.99 0.00	45.18 0.96 0.00
RANKINE____ 23646	36.04 -2.58 -1.49	39.19 -2.32 -5.11	30.37 -1.83 -4.28	31.91 -1.81 -6.77	34.77 -1.73 -8.24	43.57 -1.81 -15.30	44.28 -2.08 -9.60	30.81 -1.22 -13.98	57.83 -3.75 0.00	50.49 -3.31 -0.31	47.17 -2.48 -0.18	37.81 -1.52 0.00	38.33 -1.25 0.00	38.47 -1.51 0.00	35.98 -1.55 0.00	34.66 -1.77 0.65	40.60 -1.65 0.00	48.22 -2.09 0.00	82.65 -3.75 0.00	80.53 -2.99 0.00	52.58 -1.69 0.00	39.15 -1.84 0.00	35.10 -1.75 0.00	42.14 -2.08 0.00
RAVENSWOOD_GT2_1 24244	46.20 0.96 -8.12	65.00 0.83 -27.77	51.86 0.67 -23.28	64.43 0.65 -36.83	73.76 0.67 -44.83	114.10 0.81 -83.21	91.79 1.39 -53.64	95.10 0.82 -76.22	64.21 2.63 0.00	55.57 2.09 0.00	51.39 1.93 0.00	40.90 1.58 0.00	41.00 1.40 0.00	41.40 1.42 0.00	38.94 1.41 0.00	38.50 1.41 0.00	43.79 1.54 0.00	52.67 2.12 -0.24	95.71 3.95 -5.35	87.06 3.54 0.00	56.39 2.12 0.00	42.59 1.60 0.00	38.32 1.46 0.00	45.65 1.43 0.00



RAVENSWOOD_GT2_2 24245	46.20 0.96 -8.12	65.00 0.83 -27.77	51.86 0.67 -23.28	64.43 0.65 -36.83	73.76 0.67 -44.83	114.10 0.81 -83.21	91.79 1.39 -53.64	95.10 0.82 -76.22	64.21 2.63 0.00	55.57 2.09 0.00	51.39 1.93 0.00	40.90 1.58 0.00	41.00 1.40 0.00	41.40 1.42 0.00	38.94 1.41 0.00	38.50 1.41 0.00	43.79 1.54 0.00	52.67 2.12 -0.24	95.71 3.95 -5.35	87.06 3.54 0.00	56.39 2.12 0.00	42.59 1.60 0.00	38.32 1.46 0.00	45.65 1.43 0.00
RAVENSWOOD_GT2_3 24246	46.22 0.98 -8.12	65.01 0.84 -27.77	51.88 0.68 -23.28	64.45 0.66 -36.83	73.77 0.68 -44.83	114.12 0.83 -83.21	91.82 1.41 -53.64	95.11 0.84 -76.22	64.22 2.63 0.00	55.60 2.11 0.00	51.42 1.96 0.00	40.92 1.60 0.00	41.01 1.42 0.00	41.43 1.44 0.00	38.96 1.44 0.00	38.51 1.42 0.00	43.82 1.57 0.00	52.71 2.16 -0.24	95.78 4.03 -5.35	87.12 3.59 0.00	56.42 2.15 0.00	42.61 1.62 0.00	38.34 1.49 0.00	45.67 1.45 0.00
RAVENSWOOD_GT2_4 24247	46.22 0.98 -8.12	65.01 0.84 -27.77	51.88 0.68 -23.28	64.45 0.66 -36.83	73.77 0.68 -44.83	114.12 0.83 -83.21	91.82 1.41 -53.64	95.11 0.84 -76.22	64.22 2.63 0.00	55.60 2.11 0.00	51.42 1.96 0.00	40.92 1.60 0.00	41.01 1.42 0.00	41.43 1.44 0.00	38.96 1.44 0.00	38.51 1.42 0.00	43.82 1.57 0.00	52.71 2.16 -0.24	95.78 4.03 -5.35	87.12 3.59 0.00	56.42 2.15 0.00	42.61 1.62 0.00	38.34 1.49 0.00	45.67 1.45 0.00
RAVENSWOOD_GT3_1 24248	46.21 0.97 -8.12	65.00 0.83 -27.77	51.86 0.67 -23.28	64.43 0.65 -36.83	73.77 0.67 -44.83	114.10 0.81 -83.21	91.79 1.39 -53.64	95.10 0.82 -76.22	64.21 2.63 0.00	55.57 2.09 0.00	51.39 1.93 0.00	40.90 1.58 0.00	41.00 1.40 0.00	41.40 1.42 0.00	38.94 1.41 0.00	38.50 1.41 0.00	43.79 1.54 0.00	52.68 2.13 -0.24	95.71 3.95 -5.35	87.06 3.54 0.00	56.39 2.12 0.00	42.59 1.60 0.00	38.32 1.46 0.00	45.65 1.43 0.00
RAVENSWOOD_GT3_2 24249	46.21 0.97 -8.12	65.00 0.83 -27.77	51.86 0.67 -23.28	64.43 0.65 -36.83	73.77 0.67 -44.83	114.10 0.81 -83.21	91.79 1.39 -53.64	95.10 0.82 -76.22	64.21 2.63 0.00	55.57 2.09 0.00	51.39 1.93 0.00	40.90 1.58 0.00	41.00 1.40 0.00	41.40 1.42 0.00	38.94 1.41 0.00	38.50 1.41 0.00	43.79 1.54 0.00	52.68 2.13 -0.24	95.71 3.95 -5.35	87.06 3.54 0.00	56.39 2.12 0.00	42.59 1.60 0.00	38.32 1.46 0.00	45.65 1.43 0.00
RAVENSWOOD_GT3_3 24250	46.26 1.02 -8.12	65.05 0.87 -27.77	51.91 0.71 -23.28	64.48 0.69 -36.83	73.80 0.71 -44.83	114.15 0.86 -83.21	91.85 1.45 -53.64	95.13 0.86 -76.22	64.30 2.71 0.00	55.67 2.18 0.00	51.49 2.03 0.00	40.97 1.64 0.00	41.07 1.48 0.00	41.48 1.50 0.00	39.01 1.48 0.00	38.56 1.47 0.00	43.87 1.62 0.00	52.78 2.22 -0.24	95.87 4.11 -5.35	87.22 3.70 0.00	56.49 2.22 0.00	42.65 1.66 0.00	38.38 1.53 0.00	45.72 1.49 0.00
RAVENSWOOD_GT3_4 24251	46.26 1.02 -8.12	65.05 0.87 -27.77	51.91 0.71 -23.28	64.48 0.69 -36.83	73.80 0.71 -44.83	114.15 0.86 -83.21	91.85 1.45 -53.64	95.13 0.86 -76.22	64.30 2.71 0.00	55.67 2.18 0.00	51.49 2.03 0.00	40.97 1.64 0.00	41.07 1.48 0.00	41.48 1.50 0.00	39.01 1.48 0.00	38.56 1.47 0.00	43.87 1.62 0.00	52.78 2.22 -0.24	95.87 4.11 -5.35	87.22 3.70 0.00	56.49 2.22 0.00	42.65 1.66 0.00	38.38 1.53 0.00	45.72 1.49 0.00
RAVENSWOOD_GT_1 23729	49.42 1.10 -11.20	65.11 0.94 -27.77	53.69 0.79 -24.99	64.99 0.75 -37.28	74.34 0.77 -45.31	114.21 0.91 -83.21	91.93 1.53 -53.64	103.05 0.91 -84.09	84.55 2.95 -20.01	58.77 2.37 -2.92	53.38 2.22 -1.70	44.53 1.81 -3.40	44.61 1.64 -3.38	46.15 1.64 -4.53	42.85 1.61 -3.71	42.55 1.58 -3.89	59.38 1.76 -15.37	56.47 2.39 -3.78	100.33 4.36 -9.58	72.61 3.97 14.87	51.15 2.36 5.48	45.90 1.79 -3.12	43.88 1.63 -5.39	48.26 1.60 -2.43
RAVENSWOOD_GT_10 24258	46.55 0.96 -8.47	65.00 0.82 -27.77	52.06 0.67 -23.48	64.48 0.65 -36.88	73.82 0.67 -44.89	114.10 0.81 -83.21	91.79 1.39 -53.64	96.00 0.82 -77.13	66.49 2.60 -2.31	55.90 2.08 -0.34	51.59 1.93 -0.20	41.28 1.57 -0.39	41.38 1.40 -0.39	41.92 1.42 -0.52	39.36 1.41 -0.43	38.94 1.40 -0.45	45.05 1.54 -1.27	53.08 2.12 -0.65	96.19 3.95 -5.84	85.33 3.53 1.72	55.75 2.11 0.63	42.94 1.60 -0.36	38.94 1.46 -0.62	45.93 1.42 -0.28
RAVENSWOOD_GT_11 24259	46.55 0.96 -8.47	65.00 0.82 -27.77	52.06 0.67 -23.48	64.48 0.65 -36.88	73.82 0.67 -44.89	114.10 0.81 -83.21	91.79 1.39 -53.64	96.00 0.82 -77.13	66.49 2.60 -2.31	55.90 2.08 -0.34	51.59 1.93 -0.20	41.28 1.57 -0.39	41.38 1.40 -0.39	41.92 1.42 -0.52	39.36 1.41 -0.43	38.94 1.40 -0.45	45.05 1.54 -1.27	53.08 2.12 -0.65	96.19 3.95 -5.84	85.33 3.53 1.72	55.75 2.11 0.63	42.94 1.60 -0.36	38.94 1.46 -0.62	45.93 1.42 -0.28
RAVENSWOOD_GT_4 24252	48.53 0.95 -10.46	64.98 0.81 -27.77	53.14 0.65 -24.57	64.77 0.65 -37.17	74.12 0.67 -45.20	114.09 0.80 -83.21	91.78 1.38 -53.64	101.07 0.81 -82.21	79.39 2.57 -15.23	57.76 2.05 -2.22	52.64 1.89 -1.29	43.44 1.54 -2.58	43.52 1.37 -2.56	44.83 1.39 -3.45	41.72 1.38 -2.82	41.42 1.38 -2.96	52.13 1.51 -8.37	55.35 2.10 -2.94	98.88 3.92 -8.57	75.65 3.45 11.33	52.18 2.07 4.17	44.93 1.56 -2.38	42.40 1.45 -4.10	47.48 1.40 -1.85
RAVENSWOOD_GT_5 24254	48.53 0.95 -10.46	64.98 0.81 -27.77	53.14 0.65 -24.57	64.77 0.65 -37.17	74.12 0.67 -45.20	114.09 0.80 -83.21	91.78 1.38 -53.64	101.07 0.81 -82.21	79.39 2.57 -15.23	57.76 2.05 -2.22	52.64 1.89 -1.29	43.44 1.54 -2.58	43.52 1.37 -2.56	44.83 1.39 -3.45	41.72 1.38 -2.82	41.42 1.38 -2.96	52.13 1.51 -8.37	55.35 2.10 -2.94	98.88 3.92 -8.57	75.65 3.45 11.33	52.18 2.07 4.17	44.93 1.56 -2.38	42.40 1.45 -4.10	47.48 1.40 -1.85
RAVENSWOOD_GT_6 24253	48.53 0.95 -10.46	64.98 0.81 -27.77	53.14 0.65 -24.57	64.77 0.65 -37.17	74.12 0.67 -45.20	114.09 0.80 -83.21	91.78 1.38 -53.64	101.07 0.81 -82.21	79.39 2.57 -15.23	57.76 2.05 -2.22	52.64 1.89 -1.29	43.44 1.54 -2.58	43.52 1.37 -2.56	44.83 1.39 -3.45	41.72 1.38 -2.82	41.42 1.38 -2.96	52.13 1.51 -8.37	55.35 2.10 -2.94	98.88 3.92 -8.57	75.65 3.45 11.33	52.18 2.07 4.17	44.93 1.56 -2.38	42.40 1.45 -4.10	47.48 1.40 -1.85
RAVENSWOOD_GT_7 24255	48.53 0.95 -10.46	64.98 0.81 -27.77	53.14 0.65 -24.57	64.77 0.65 -37.17	74.12 0.67 -45.20	114.09 0.80 -83.21	91.78 1.38 -53.64	101.07 0.81 -82.21	79.39 2.57 -15.23	57.76 2.05 -2.22	52.64 1.89 -1.29	43.44 1.54 -2.58	43.52 1.37 -2.56	44.83 1.39 -3.45	41.72 1.38 -2.82	41.42 1.38 -2.96	52.13 1.51 -8.37	55.35 2.10 -2.94	98.88 3.92 -8.57	75.65 3.45 11.33	52.18 2.07 4.17	44.93 1.56 -2.38	42.40 1.45 -4.10	47.48 1.40 -1.85
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.55 0.96 -8.47	65.00 0.82 -27.77	52.06 0.67 -23.48	64.48 0.65 -36.88	73.82 0.67 -44.89	114.10 0.81 -83.21	91.79 1.39 -53.64	96.00 0.82 -77.13	66.49 2.60 -2.31	55.90 2.08 -0.34	51.59 1.93 -0.20	41.28 1.57 -0.39	41.38 1.40 -0.39	41.92 1.42 -0.52	39.36 1.41 -0.43	38.94 1.40 -0.45	45.05 1.54 -1.27	53.08 2.12 -0.65	96.19 3.95 -5.84	85.33 3.53 1.72	55.75 2.11 0.63	42.94 1.60 -0.36	38.94 1.46 -0.62	45.93 1.42 -0.28

RAVENSWOOD_GT_9 24257	46.55 0.96 -8.47	65.00 0.82 -27.77	52.06 0.67 -23.48	64.48 0.65 -36.88	73.82 0.67 -44.89	114.10 0.81 -83.21	91.79 1.39 -53.64	96.00 0.82 -77.13	66.49 2.60 -2.31	55.90 2.08 -0.34	51.59 1.93 -0.20	41.28 1.57 -0.39	41.38 1.40 -0.39	41.92 1.42 -0.52	39.36 1.41 -0.43	38.94 1.40 -0.45	45.05 1.54 -1.27	53.08 2.12 -0.65	96.19 3.95 -5.84	85.33 3.53 1.72	55.75 2.11 0.63	42.94 1.60 -0.36	38.94 1.46 -0.62	45.93 1.42 -0.28
RAVENSWOOD___1 23533	43.26 1.05 -5.09	65.05 0.88 -27.77	50.27 0.75 -21.61	64.05 0.71 -36.39	73.35 0.72 -44.37	114.16 0.87 -83.21	91.89 1.48 -53.64	87.40 0.88 -68.48	44.73 2.84 19.70	52.89 2.28 2.88	49.93 2.13 1.66	37.74 1.75 3.33	37.86 1.58 3.32	37.09 1.57 4.46	35.45 1.57 3.64	34.77 1.52 3.83	33.12 1.71 10.83	49.39 2.33 3.24	91.84 4.24 -1.20	102.06 3.89 -14.65	61.98 2.32 -5.39	39.67 1.76 3.07	33.15 1.60 5.30	43.38 1.55 2.40
RAVENSWOOD___2 23534	43.26 1.05 -5.09	65.05 0.88 -27.77	50.27 0.75 -21.61	64.05 0.71 -36.39	73.35 0.72 -44.37	114.16 0.87 -83.21	91.89 1.48 -53.64	87.40 0.88 -68.48	44.73 2.84 19.70	52.89 2.28 2.88	49.93 2.13 1.66	37.74 1.75 3.33	37.86 1.58 3.32	37.09 1.57 4.46	35.45 1.57 3.64	34.77 1.52 3.83	33.12 1.71 10.83	49.39 2.33 3.24	91.84 4.24 -1.20	102.06 3.89 -14.65	61.98 2.32 -5.39	39.67 1.76 3.07	33.15 1.60 5.30	43.38 1.55 2.40
RAVENSWOOD___3 23535	46.21 0.97 -8.12	65.01 0.83 -27.77	51.86 0.67 -23.28	64.44 0.65 -36.83	73.77 0.68 -44.83	114.10 0.81 -83.21	91.80 1.39 -53.64	95.10 0.83 -76.22	64.21 2.62 0.00	55.58 2.09 0.00	51.40 1.93 0.00	40.90 1.58 0.00	41.00 1.41 0.00	41.40 1.42 0.00	38.94 1.42 0.00	38.50 1.41 0.00	43.79 1.55 0.00	52.68 2.14 -0.24	95.72 3.96 -5.35	87.06 3.54 0.00	56.39 2.12 0.00	42.59 1.61 0.00	38.32 1.47 0.00	45.65 1.43 0.00
RAVENSWOOD___4 23820	43.26 1.05 -5.09	65.05 0.88 -27.77	50.27 0.75 -21.61	64.05 0.71 -36.39	73.35 0.72 -44.37	114.16 0.87 -83.21	91.89 1.48 -53.64	87.40 0.88 -68.48	44.73 2.84 19.70	52.89 2.28 2.88	49.93 2.13 1.66	37.74 1.75 3.33	37.86 1.58 3.32	37.09 1.57 4.46	35.45 1.57 3.64	34.77 1.52 3.83	33.12 1.71 10.83	49.39 2.33 3.24	91.84 4.24 -1.20	102.06 3.89 -14.65	61.98 2.32 -5.39	39.67 1.76 3.07	33.15 1.60 5.30	43.38 1.55 2.40
RCPL_TRUST___DRP 24196	46.17 0.93 -8.12	64.97 0.80 -27.77	51.84 0.64 -23.28	64.42 0.64 -36.83	73.74 0.65 -44.83	114.07 0.79 -83.21	91.77 1.38 -53.64	95.09 0.83 -76.21	64.18 2.60 0.00	55.57 2.08 0.00	51.38 1.91 0.00	40.88 1.56 0.00	40.98 1.39 0.00	41.39 1.40 0.00	38.92 1.40 0.00	38.48 1.40 0.00	43.78 1.53 0.00	52.67 2.12 -0.24	95.69 3.94 -5.35	86.97 3.45 0.00	56.32 2.05 0.00	42.54 1.55 0.00	38.27 1.42 0.00	45.58 1.35 0.00
RED___ROCHESTER 323720	36.34 -1.96 -1.17	38.63 -1.78 -4.00	29.89 -1.38 -3.36	30.87 -1.39 -5.31	33.42 -1.31 -6.46	40.73 -1.34 -11.99	43.11 -1.39 -7.73	28.28 -0.79 -11.02	58.97 -2.61 0.00	51.40 -2.42 -0.33	47.74 -1.92 -0.19	38.02 -1.31 0.00	38.38 -1.21 0.00	38.67 -1.31 0.00	36.25 -1.28 0.00	35.70 -1.39 0.00	40.85 -1.39 0.00	48.66 -1.65 0.00	83.54 -2.86 0.00	81.17 -2.35 0.00	52.87 -1.40 0.00	39.56 -1.43 0.00	35.47 -1.38 0.00	42.51 -1.71 0.00
REGAN___SOLAR 323812	50.39 2.37 -10.90	76.01 2.30 -37.30	60.94 1.76 -31.27	78.13 1.71 -49.47	90.34 1.86 -60.22	143.92 2.08 -111.76	111.53 2.72 -72.05	121.78 1.30 -102.44	65.59 4.00 0.00	56.86 3.37 0.00	52.44 2.98 0.00	41.23 1.91 0.00	41.64 2.05 0.00	41.74 1.76 0.00	38.36 0.84 0.00	38.90 1.81 0.00	44.69 2.45 0.00	56.31 3.46 -2.54	149.14 6.34 -56.39	89.55 6.03 0.00	58.15 3.88 0.00	43.80 2.81 0.00	39.22 2.37 0.00	46.88 2.66 0.00
RENSSELAER___COGEN 23796	48.16 1.20 -9.83	71.24 1.20 -33.63	57.03 0.92 -28.20	72.46 0.90 -44.61	83.51 0.96 -54.29	131.85 1.00 -100.77	102.96 1.24 -64.96	110.89 0.61 -92.22	63.48 1.90 0.00	55.10 1.61 0.00	50.94 1.48 0.00	40.43 1.10 0.00	40.56 0.98 0.00	41.02 1.04 0.00	38.42 0.89 0.00	38.07 0.98 0.00	43.43 1.19 0.00	52.98 1.61 -1.06	112.94 2.91 -23.62	86.11 2.59 0.00	55.85 1.58 0.00	42.20 1.22 0.00	37.96 1.10 0.00	45.66 1.44 0.00
REPUBLIC_115KV_BARTNBRK 55605	53.36 6.13 -10.11	77.09 6.12 -34.57	61.55 4.65 -28.98	77.25 4.44 -45.85	88.83 4.76 -55.81	138.38 4.72 -103.59	109.46 5.92 -66.78	115.91 2.94 -94.92	70.56 8.97 0.00	61.60 8.12 0.00	56.38 6.91 0.00	44.17 4.85 0.00	45.75 6.16 0.00	46.35 6.36 0.00	42.40 4.87 0.00	42.74 5.65 0.00	49.74 7.50 0.00	62.41 9.68 -2.43	157.21 16.94 -53.87	99.51 15.99 0.00	64.01 9.74 0.00	48.08 7.09 0.00	43.04 6.19 0.00	51.70 7.48 0.00
REVERE_CPWR_DRP 24186	39.24 1.60 -0.51	39.68 1.52 -1.76	30.50 1.12 -1.47	30.35 1.07 -2.33	32.29 1.19 -2.84	36.75 1.41 -5.26	41.95 1.80 -3.39	22.69 1.54 -3.11	68.82 7.24 0.00	69.81 6.61 -9.70	61.04 6.02 -5.55	43.62 4.29 0.00	43.77 4.18 0.00	44.10 4.11 0.00	39.12 1.60 0.00	38.67 1.58 0.00	44.28 2.04 0.00	52.94 2.63 0.00	90.46 4.06 0.00	87.52 4.00 0.00	56.74 2.47 0.00	42.61 1.62 0.00	38.15 1.30 0.00	45.71 1.49 0.00
REYNOLDS_115KV_TB3 80639	48.19 1.19 -9.87	71.41 1.24 -33.77	57.17 0.94 -28.31	72.66 0.92 -44.79	83.75 0.97 -54.52	132.24 0.97 -101.19	103.15 1.16 -65.23	111.40 0.62 -92.74	63.51 1.93 0.00	55.14 1.66 0.00	51.00 1.53 0.00	40.46 1.13 0.00	40.55 0.97 0.00	41.06 1.08 0.00	38.48 0.95 0.00	38.16 1.07 0.00	43.52 1.27 0.00	53.63 1.70 -1.62	125.52 3.04 -36.08	86.12 2.60 0.00	55.85 1.58 0.00	42.23 1.25 0.00	38.00 1.15 0.00	45.73 1.51 0.00
RIVERBAY____ 323610	46.63 1.39 -8.12	65.39 1.21 -27.77	52.21 1.01 -23.29	64.74 0.95 -36.83	74.10 1.00 -44.84	114.60 1.31 -83.21	92.43 2.02 -53.64	95.31 1.04 -76.22	65.59 4.00 -0.01	56.60 3.12 0.00	52.18 2.71 0.00	41.54 2.21 -0.01	41.54 1.95 -0.01	41.98 1.99 0.00	39.53 2.00 0.00	38.94 1.85 0.00	44.32 2.07 0.00	53.40 2.85 -0.24	97.14 5.39 -5.36	88.46 4.94 0.00	57.23 2.96 0.00	43.24 2.25 0.00	38.90 2.04 0.00	46.37 2.15 0.00
RIVERSIDE_115KV_TB3 55908	48.27 1.26 -9.89	71.51 1.28 -33.83	57.25 0.98 -28.36	72.76 0.94 -44.87	83.87 1.00 -54.61	132.47 1.03 -101.36	103.35 1.25 -65.35	111.60 0.66 -92.88	63.67 2.08 0.00	55.26 1.78 0.00	51.10 1.64 0.00	40.55 1.22 0.00	40.67 1.09 0.00	41.14 1.16 0.00	38.55 1.02 0.00	38.22 1.13 0.00	43.59 1.35 0.00	53.67 1.80 -1.57	124.41 3.21 -34.79	86.34 2.82 0.00	55.98 1.70 0.00	42.32 1.33 0.00	38.07 1.22 0.00	45.78 1.56 0.00
ROARING___BROOK_WT_PWR 323790	36.97 -0.15 0.00	36.13 -0.27 0.00	27.73 -0.19 0.00	26.70 -0.25 0.00	28.04 -0.22 0.00	29.80 -0.28 0.00	36.35 -0.41 0.00	17.80 -0.25 0.00	61.03 -0.56 0.00	52.84 -0.15 0.49	48.95 -0.24 0.28	38.99 -0.34 0.00	39.29 -0.30 0.00	39.90 -0.08 0.00	37.48 -0.04 0.00	36.87 -0.21 0.00	41.89 -0.36 0.00	49.76 -0.55 0.00	85.24 -1.16 0.00	82.32 -1.21 0.00	53.76 -0.51 0.00	40.57 -0.42 0.00	36.33 -0.52 0.00	43.83 -0.40 0.00

ROCHESRG_115KV_T4 355643	35.93 -2.35 -1.16	38.22 -2.16 -3.98	29.59 -1.66 -3.34	30.57 -1.66 -5.28	33.07 -1.61 -6.42	40.32 -1.67 -11.92	42.54 -1.82 -7.61	27.98 -1.01 -10.94	58.23 -3.36 0.00	50.76 -3.06 -0.33	47.15 -2.50 -0.19	37.56 -1.77 0.00	37.91 -1.68 0.00	38.19 -1.80 0.00	35.81 -1.72 0.00	35.08 -1.81 0.19	40.35 -1.89 0.00	48.02 -2.28 0.00	82.42 -3.98 0.00	80.08 -3.44 0.00	52.19 -2.08 0.00	39.08 -1.91 0.00	35.06 -1.80 0.00	42.05 -2.17 0.00
ROCHESTER_9_IC 23652	36.14 -2.15 -1.17	38.44 -1.97 -4.00	29.76 -1.52 -3.36	30.74 -1.52 -5.31	33.27 -1.45 -6.46	40.57 -1.50 -11.99	42.89 -1.60 -7.73	28.18 -0.89 -11.02	58.62 -2.97 0.00	51.11 -2.72 -0.33	47.46 -2.20 -0.19	37.80 -1.53 0.00	38.15 -1.44 0.00	38.43 -1.55 0.00	36.03 -1.49 0.00	35.49 -1.60 0.00	40.60 -1.64 0.00	48.34 -1.97 0.00	82.97 -3.43 0.00	80.64 -2.88 0.00	52.54 -1.73 0.00	39.32 -1.67 0.00	35.26 -1.59 0.00	42.29 -1.93 0.00
ROCKVIEW_13_KV_LD 356306	46.29 1.05 -8.12	65.09 0.91 -27.77	51.93 0.73 -23.28	64.51 0.73 -36.83	73.84 0.75 -44.83	114.18 0.89 -83.21	91.87 1.47 -53.64	95.12 0.85 -76.22	64.28 2.70 0.00	55.64 2.15 0.00	51.44 1.98 0.00	40.90 1.57 0.00	41.00 1.41 0.00	41.43 1.44 0.00	38.95 1.42 0.00	38.53 1.44 0.00	43.84 1.60 0.00	52.77 2.22 -0.24	95.91 4.15 -5.35	87.25 3.73 0.00	56.52 2.25 0.00	42.67 1.69 0.00	38.39 1.54 0.00	45.76 1.53 0.00
ROME____115KV_TB2 80656	39.24 1.60 -0.51	39.68 1.52 -1.76	30.50 1.12 -1.47	30.35 1.07 -2.33	32.29 1.19 -2.84	36.75 1.41 -5.26	41.95 1.80 -3.39	22.69 1.54 -3.11	68.82 7.24 0.00	69.81 6.61 -9.70	61.04 6.02 -5.55	43.62 4.29 0.00	43.77 4.18 0.00	44.10 4.11 0.00	39.12 1.60 0.00	38.67 1.58 0.00	44.28 2.04 0.00	52.94 2.63 0.00	90.46 4.06 0.00	87.52 4.00 0.00	56.74 2.47 0.00	42.61 1.62 0.00	38.15 1.30 0.00	45.71 1.49 0.00
ROSETON___1 23587	45.90 0.72 -8.06	64.63 0.65 -27.58	51.55 0.51 -23.12	64.04 0.51 -36.58	73.32 0.53 -44.53	113.39 0.67 -82.64	91.08 1.05 -53.28	94.36 0.61 -75.70	63.46 1.87 0.00	54.93 1.44 0.00	50.80 1.33 0.00	40.37 1.04 0.00	40.49 0.90 0.00	40.91 0.92 0.00	38.44 0.92 0.00	38.01 0.93 0.00	43.28 1.03 0.00	52.07 1.53 -0.23	94.53 2.98 -5.15	86.14 2.61 0.00	55.82 1.55 0.00	42.16 1.17 0.00	37.93 1.08 0.00	45.31 1.09 0.00
ROSETON___2 23588	45.90 0.72 -8.06	64.63 0.65 -27.58	51.55 0.51 -23.12	64.04 0.51 -36.58	73.32 0.53 -44.53	113.39 0.67 -82.64	91.08 1.05 -53.28	94.36 0.61 -75.70	63.46 1.87 0.00	54.93 1.44 0.00	50.80 1.33 0.00	40.37 1.04 0.00	40.49 0.90 0.00	40.91 0.92 0.00	38.44 0.92 0.00	38.01 0.93 0.00	43.28 1.03 0.00	52.07 1.53 -0.23	94.53 2.98 -5.15	86.14 2.61 0.00	55.82 1.55 0.00	42.16 1.17 0.00	37.93 1.08 0.00	45.31 1.09 0.00
ROTRRDAM_115KV_TB3 80664	48.31 0.90 -10.29	72.49 0.89 -35.20	58.10 0.68 -29.51	74.30 0.67 -46.68	85.79 0.71 -56.82	136.30 0.76 -105.46	105.74 0.99 -67.99	115.23 0.53 -96.65	63.25 1.66 0.00	54.87 1.38 0.00	50.71 1.24 0.00	40.23 0.90 0.00	40.47 0.88 0.00	40.82 0.83 0.00	38.21 0.68 0.00	37.88 0.80 0.00	43.29 1.04 0.00	54.54 1.45 -2.78	150.88 2.63 -61.84	85.88 2.36 0.00	55.72 1.45 0.00	42.06 1.07 0.00	37.81 0.95 0.00	45.35 1.13 0.00
RUSSELL___1 23602	36.34 -1.96 -1.17	38.62 -1.79 -4.00	29.89 -1.38 -3.36	30.87 -1.39 -5.31	33.40 -1.32 -6.46	40.73 -1.34 -11.99	43.11 -1.39 -7.73	28.28 -0.79 -11.02	58.97 -2.62 0.00	51.41 -2.41 -0.33	47.74 -1.92 -0.19	38.03 -1.30 0.00	38.38 -1.21 0.00	38.66 -1.33 0.00	36.25 -1.28 0.00	35.69 -1.40 0.00	40.85 -1.39 0.00	48.65 -1.66 0.00	83.54 -2.86 0.00	81.17 -2.35 0.00	52.87 -1.40 0.00	39.56 -1.42 0.00	35.47 -1.39 0.00	42.51 -1.71 0.00
RUSSELL___2 23532	36.34 -1.96 -1.17	38.62 -1.79 -4.00	29.89 -1.38 -3.36	30.87 -1.39 -5.31	33.40 -1.32 -6.46	40.73 -1.34 -11.99	43.11 -1.39 -7.73	28.28 -0.79 -11.02	58.97 -2.62 0.00	51.41 -2.41 -0.33	47.74 -1.92 -0.19	38.03 -1.30 0.00	38.38 -1.21 0.00	38.66 -1.33 0.00	36.25 -1.28 0.00	35.69 -1.40 0.00	40.85 -1.39 0.00	48.65 -1.66 0.00	83.54 -2.86 0.00	81.17 -2.35 0.00	52.87 -1.40 0.00	39.56 -1.42 0.00	35.47 -1.39 0.00	42.51 -1.71 0.00
RUSSELL___3 23549	36.34 -1.96 -1.17	38.62 -1.79 -4.00	29.89 -1.38 -3.36	30.87 -1.39 -5.31	33.40 -1.32 -6.46	40.73 -1.34 -11.99	43.11 -1.39 -7.73	28.28 -0.79 -11.02	58.97 -2.62 0.00	51.41 -2.41 -0.33	47.74 -1.92 -0.19	38.03 -1.30 0.00	38.38 -1.21 0.00	38.66 -1.33 0.00	36.25 -1.28 0.00	35.69 -1.40 0.00	40.85 -1.39 0.00	48.65 -1.66 0.00	83.54 -2.86 0.00	81.17 -2.35 0.00	52.87 -1.40 0.00	39.56 -1.42 0.00	35.47 -1.39 0.00	42.51 -1.71 0.00
RUSSELL___4 23556	36.34 -1.96 -1.17	38.62 -1.79 -4.00	29.89 -1.38 -3.36	30.87 -1.39 -5.31	33.40 -1.32 -6.46	40.73 -1.34 -11.99	43.11 -1.39 -7.73	28.28 -0.79 -11.02	58.97 -2.62 0.00	51.41 -2.41 -0.33	47.74 -1.92 -0.19	38.03 -1.30 0.00	38.38 -1.21 0.00	38.66 -1.33 0.00	36.25 -1.28 0.00	35.69 -1.40 0.00	40.85 -1.39 0.00	48.65 -1.66 0.00	83.54 -2.86 0.00	81.17 -2.35 0.00	52.87 -1.40 0.00	39.56 -1.42 0.00	35.47 -1.39 0.00	42.51 -1.71 0.00
RUSSELL___STATION 23914	36.34 -1.96 -1.17	38.62 -1.79 -4.00	29.89 -1.38 -3.36	30.87 -1.39 -5.31	33.40 -1.32 -6.46	40.73 -1.34 -11.99	43.11 -1.39 -7.73	28.28 -0.79 -11.02	58.97 -2.62 0.00	51.41 -2.41 -0.33	47.74 -1.92 -0.19	38.03 -1.30 0.00	38.38 -1.21 0.00	38.66 -1.33 0.00	36.25 -1.28 0.00	35.69 -1.40 0.00	40.85 -1.39 0.00	48.65 -1.66 0.00	83.54 -2.86 0.00	81.17 -2.35 0.00	52.87 -1.40 0.00	39.56 -1.42 0.00	35.47 -1.39 0.00	42.51 -1.71 0.00
S SALMON___HYD 24043	37.90 0.00 -0.78	39.06 -0.02 -2.67	30.06 -0.10 -2.24	30.33 -0.16 -3.54	32.50 -0.07 -4.31	38.11 0.03 -8.00	41.94 0.03 -5.16	25.33 0.03 -7.25	61.95 0.36 0.00	57.01 0.54 -2.98	51.59 0.42 -1.70	39.48 0.15 0.00	39.74 0.15 0.00	40.05 0.07 0.00	37.66 0.13 0.00	37.08 0.00 0.00	42.57 0.32 0.00	50.87 0.56 0.00	86.42 0.02 0.00	83.90 0.38 0.00	54.29 0.02 0.00	40.79 -0.20 0.00	36.50 -0.35 0.00	43.80 -0.42 0.00
S.PERRY__115KV_TB1 80734	37.19 -1.51 -1.57	40.43 -1.35 -5.37	31.35 -1.07 -4.51	33.09 -0.99 -7.13	36.03 -0.91 -8.67	45.34 -0.84 -16.10	47.89 -0.76 -11.89	32.77 -0.44 -15.16	60.06 -1.53 0.00	51.94 -1.86 -0.32	47.72 -1.93 -0.18	38.02 -1.31 0.00	38.49 -1.10 0.00	38.63 -1.36 0.00	36.31 -1.22 0.00	39.03 -1.81 -3.76	40.42 -1.83 0.00	49.07 -1.30 -0.06	86.57 -1.13 -1.30	82.91 -0.62 0.00	53.67 -0.61 0.00	39.94 -1.04 0.00	35.65 -1.21 0.00	42.61 -1.62 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.41 -3.16 -1.44	38.47 -2.87 -4.93	29.82 -2.22 -4.13	31.26 -2.23 -6.53	34.07 -2.14 -7.95	42.57 -2.27 -14.76	43.35 -2.62 -9.21	30.02 -1.51 -13.48	56.81 -4.78 0.00	49.56 -4.25 -0.31	46.33 -3.31 -0.18	37.12 -2.21 0.00	37.59 -2.00 0.00	37.80 -2.19 0.00	35.37 -2.16 0.00	33.98 -2.33 0.77	39.90 -2.34 0.00	47.32 -2.99 0.00	81.01 -5.39 0.00	78.99 -4.54 0.00	51.65 -2.62 0.00	38.50 -2.49 0.00	34.56 -2.29 0.00	41.52 -2.70 0.00

SAWYER___23_KV_LOAD 55526	35.41 -3.16 -1.44	38.47 -2.87 -4.93	29.82 -2.22 -4.13	31.26 -2.23 -6.53	34.07 -2.14 -7.95	42.57 -2.27 -14.76	43.35 -2.62 -9.21	30.02 -1.51 -13.48	56.81 -4.78 0.00	49.56 -4.25 -0.31	46.33 -3.31 -0.18	37.12 -2.21 0.00	37.59 -2.00 0.00	37.80 -2.19 0.00	35.37 -2.16 0.00	33.98 -2.33 0.77	39.90 -2.34 0.00	47.32 -2.99 0.00	81.01 -5.39 0.00	78.99 -4.54 0.00	51.65 -2.62 0.00	38.50 -2.49 0.00	34.56 -2.29 0.00	41.52 -2.70 0.00
SELKIRK___I 23801	48.05 1.22 -9.71	70.84 1.23 -33.20	56.70 0.95 -27.83	71.91 0.93 -44.03	82.85 0.99 -53.60	130.59 1.03 -99.48	102.13 1.23 -64.13	109.72 0.61 -91.06	63.51 1.93 0.00	55.06 1.57 0.00	50.90 1.44 0.00	40.39 1.06 0.00	40.53 0.94 0.00	40.97 0.99 0.00	38.29 0.76 0.00	38.02 0.93 0.00	43.38 1.14 0.00	52.77 1.62 -0.84	107.94 2.87 -18.66	86.10 2.57 0.00	55.85 1.58 0.00	42.19 1.20 0.00	37.94 1.08 0.00	45.59 1.37 0.00
SELKIRK___II 23799	47.93 1.01 -9.80	70.92 1.00 -33.52	56.80 0.78 -28.10	72.16 0.75 -44.45	83.16 0.79 -54.11	131.35 0.84 -100.43	102.55 1.04 -64.75	110.51 0.54 -91.93	63.26 1.67 0.00	54.88 1.40 0.00	50.74 1.28 0.00	40.29 0.96 0.00	40.43 0.85 0.00	40.86 0.88 0.00	38.29 0.77 0.00	37.93 0.84 0.00	43.25 1.01 0.00	52.59 1.39 -0.89	108.78 2.54 -19.83	85.76 2.24 0.00	55.63 1.36 0.00	42.03 1.05 0.00	37.80 0.95 0.00	45.40 1.18 0.00
SENECA OSWGO___HYD 24041	37.35 -0.64 -0.87	38.72 -0.66 -2.98	29.89 -0.52 -2.49	30.40 -0.50 -3.94	32.57 -0.49 -4.80	38.59 -0.40 -8.91	42.16 -0.35 -5.75	26.10 -0.15 -8.19	60.97 -0.62 0.00	54.19 -0.56 -1.26	49.67 -0.51 -0.72	38.92 -0.41 0.00	39.21 -0.38 0.00	39.43 -0.55 0.00	37.11 -0.42 0.00	36.64 -0.44 0.00	41.99 -0.25 0.00	50.17 -0.14 0.00	85.97 -0.43 0.00	83.20 -0.33 0.00	53.94 -0.34 0.00	40.54 -0.45 0.00	36.29 -0.56 0.00	43.47 -0.75 0.00
SENECA___115KV_TB3 355854	36.10 -2.51 -1.49	39.26 -2.25 -5.11	30.42 -1.78 -4.28	31.95 -1.77 -6.77	34.83 -1.68 -8.24	43.63 -1.75 -15.30	44.34 -2.02 -9.60	30.85 -1.19 -13.98	57.94 -3.65 0.00	50.59 -3.21 -0.31	47.26 -2.38 -0.18	37.88 -1.45 0.00	38.40 -1.19 0.00	38.55 -1.44 0.00	36.04 -1.48 0.00	34.72 -1.71 0.65	40.67 -1.58 0.00	48.30 -2.01 0.00	82.79 -3.61 0.00	80.69 -2.83 0.00	52.68 -1.60 0.00	39.22 -1.77 0.00	35.17 -1.69 0.00	42.21 -2.01 0.00
SENECA___ENERGY 23797	37.00 -1.34 -1.21	39.25 -1.30 -4.15	30.38 -1.01 -3.48	31.52 -0.93 -5.50	34.10 -0.86 -6.70	41.65 -0.85 -12.43	44.03 -0.84 -8.11	29.10 -0.40 -11.46	60.11 -1.48 0.00	52.44 -1.51 -0.46	48.45 -1.28 -0.26	38.41 -0.92 0.00	38.74 -0.85 0.00	38.90 -1.08 0.00	36.55 -0.97 0.00	36.28 -1.05 -0.25	41.12 -1.13 0.00	49.11 -1.20 0.00	84.63 -1.77 0.00	81.96 -1.56 0.00	53.18 -1.09 0.00	39.85 -1.14 0.00	35.68 -1.18 0.00	42.70 -1.52 0.00
SHOEMAKER___GT 23640	45.06 0.59 -7.34	62.03 0.51 -25.12	49.38 0.41 -21.06	60.67 0.41 -33.31	69.24 0.43 -40.55	105.92 0.58 -75.26	86.21 0.93 -48.52	87.52 0.53 -68.94	63.11 1.52 0.00	54.47 0.99 0.00	50.48 1.02 0.00	40.04 0.72 0.00	40.36 0.78 0.00	40.72 0.74 0.00	38.26 0.74 0.00	37.85 0.77 0.00	43.00 0.76 0.00	51.82 1.30 -0.22	93.85 2.66 -4.79	85.94 2.41 0.00	55.69 1.42 0.00	42.07 1.08 0.00	37.82 0.97 0.00	45.18 0.96 0.00
SHOEMAKR_138KV_BK 111 55601	44.97 0.55 -7.29	61.82 0.46 -24.95	49.21 0.37 -20.92	60.43 0.38 -33.10	68.95 0.40 -40.29	105.40 0.55 -74.77	85.86 0.90 -48.20	87.05 0.51 -68.49	63.06 1.48 0.00	54.49 1.00 0.00	50.48 1.02 0.00	40.06 0.74 0.00	40.34 0.75 0.00	40.71 0.73 0.00	38.26 0.73 0.00	37.83 0.74 0.00	42.99 0.74 0.00	51.78 1.26 -0.21	93.73 2.58 -4.75	85.85 2.33 0.00	55.64 1.37 0.00	42.03 1.04 0.00	37.79 0.94 0.00	45.14 0.92 0.00
SHOREHAM_IC_1 23715	47.35 2.11 -8.12	66.05 1.88 -27.76	52.75 1.56 -23.28	65.39 1.61 -36.82	74.74 1.65 -44.82	115.02 1.75 -83.19	92.96 2.57 -53.63	95.60 1.34 -76.20	65.74 4.15 0.00	56.40 2.91 0.00	51.95 2.49 0.00	41.02 1.70 0.00	40.90 1.31 0.00	41.75 1.76 0.00	39.59 2.07 0.00	38.90 1.82 0.00	44.78 2.53 0.00	53.94 3.39 -0.24	97.49 5.74 -5.35	89.33 5.81 0.00	57.62 3.35 0.00	43.38 2.39 0.00	39.08 2.22 0.00	46.39 2.17 0.00
SHOREHAM_IC_2 23716	47.35 2.11 -8.12	66.05 1.88 -27.76	52.75 1.56 -23.28	65.39 1.61 -36.82	74.74 1.65 -44.82	115.02 1.75 -83.19	92.96 2.57 -53.63	95.60 1.34 -76.20	65.74 4.15 0.00	56.40 2.91 0.00	51.95 2.49 0.00	41.02 1.70 0.00	40.90 1.31 0.00	41.75 1.76 0.00	39.59 2.07 0.00	38.90 1.82 0.00	44.78 2.53 0.00	53.94 3.39 -0.24	97.49 5.74 -5.35	89.33 5.81 0.00	57.62 3.35 0.00	43.38 2.39 0.00	39.08 2.22 0.00	46.39 2.17 0.00
SISSONVILLE___ 23735	43.38 5.94 -0.32	43.23 5.72 -1.10	33.05 4.22 -0.92	32.35 3.94 -1.46	34.37 4.34 -1.78	37.69 4.32 -3.30	41.37 2.48 -2.13	22.15 1.41 -2.69	70.65 9.06 0.00	77.36 8.18 -15.69	66.45 8.01 -8.97	45.50 6.17 0.00	45.72 6.13 0.00	46.33 6.35 0.00	43.24 5.71 0.00	42.06 4.98 0.00	47.69 5.44 0.00	56.10 5.79 0.00	87.68 1.28 0.00	91.51 7.98 0.00	59.30 5.03 0.00	45.07 4.08 0.00	41.48 4.63 0.00	50.34 6.12 0.00
SITHE_IND_GS1 24169	36.06 -1.72 -0.66	36.96 -1.71 -2.27	28.50 -1.32 -1.90	28.71 -1.24 -3.01	30.59 -1.33 -3.66	35.48 -1.39 -6.79	39.53 -1.61 -4.38	23.56 -0.74 -6.25	58.80 -2.79 0.00	50.99 -2.49 0.00	47.21 -2.25 0.00	37.58 -1.75 0.00	37.87 -1.72 0.00	38.15 -1.83 0.00	35.84 -1.69 0.00	35.41 -1.68 0.00	40.45 -1.79 0.00	48.19 -2.12 0.00	82.75 -3.65 0.00	80.02 -3.51 0.00	51.98 -2.29 0.00	39.19 -1.80 0.00	35.20 -1.65 0.00	42.22 -2.00 0.00
SITHE_IND_GS2 24170	36.06 -1.72 -0.66	36.96 -1.71 -2.27	28.50 -1.32 -1.90	28.71 -1.24 -3.01	30.59 -1.33 -3.66	35.48 -1.39 -6.79	39.53 -1.61 -4.38	23.56 -0.74 -6.25	58.80 -2.79 0.00	50.99 -2.49 0.00	47.21 -2.25 0.00	37.58 -1.75 0.00	37.87 -1.72 0.00	38.15 -1.83 0.00	35.84 -1.69 0.00	35.41 -1.68 0.00	40.45 -1.79 0.00	48.19 -2.12 0.00	82.75 -3.65 0.00	80.02 -3.51 0.00	51.98 -2.29 0.00	39.19 -1.80 0.00	35.20 -1.65 0.00	42.22 -2.00 0.00
SITHE_IND_GS3 24171	36.06 -1.72 -0.66	36.96 -1.71 -2.27	28.50 -1.32 -1.90	28.71 -1.24 -3.01	30.59 -1.33 -3.66	35.48 -1.39 -6.79	39.53 -1.61 -4.38	23.56 -0.74 -6.25	58.80 -2.79 0.00	50.99 -2.49 0.00	47.21 -2.25 0.00	37.58 -1.75 0.00	37.87 -1.72 0.00	38.15 -1.83 0.00	35.84 -1.69 0.00	35.41 -1.68 0.00	40.45 -1.79 0.00	48.19 -2.12 0.00	82.75 -3.65 0.00	80.02 -3.51 0.00	51.98 -2.29 0.00	39.19 -1.80 0.00	35.20 -1.65 0.00	42.22 -2.00 0.00
SITHE_IND_GS4 24172	36.06 -1.72 -0.66	36.96 -1.71 -2.27	28.50 -1.32 -1.90	28.71 -1.24 -3.01	30.59 -1.33 -3.66	35.48 -1.39 -6.79	39.53 -1.61 -4.38	23.56 -0.74 -6.25	58.80 -2.79 0.00	50.99 -2.49 0.00	47.21 -2.25 0.00	37.58 -1.75 0.00	37.87 -1.72 0.00	38.15 -1.83 0.00	35.84 -1.69 0.00	35.41 -1.68 0.00	40.45 -1.79 0.00	48.19 -2.12 0.00	82.75 -3.65 0.00	80.02 -3.51 0.00	51.98 -2.29 0.00	39.19 -1.80 0.00	35.20 -1.65 0.00	42.22 -2.00 0.00

SITHE___BATAVIA 24024	36.30 -2.12 -1.30	38.91 -1.95 -4.45	30.11 -1.54 -3.73	31.29 -1.57 -5.91	34.02 -1.43 -7.19	42.03 -1.39 -13.35	43.69 -1.43 -8.36	29.39 -0.87 -12.20	58.82 -2.77 0.00	51.09 -2.72 -0.33	47.56 -2.09 -0.19	37.96 -1.36 0.00	38.39 -1.19 0.00	38.51 -1.48 0.00	36.21 -1.31 0.00	34.91 -1.55 0.62	40.74 -1.50 0.00	48.57 -1.74 0.00	83.68 -2.72 0.00	81.49 -2.04 0.00	53.22 -1.05 0.00	39.69 -1.30 0.00	35.56 -1.29 0.00	42.66 -1.56 0.00
SITHE___INDEPEND 23800	36.06 -1.72 -0.66	36.96 -1.71 -2.27	28.50 -1.32 -1.90	28.71 -1.24 -3.01	30.59 -1.33 -3.66	35.48 -1.39 -6.79	39.53 -1.61 -4.38	23.56 -0.74 -6.25	58.80 -2.79 0.00	50.99 -2.50 0.00	47.21 -2.25 0.00	37.58 -1.75 0.00	37.86 -1.73 0.00	38.15 -1.83 0.00	35.84 -1.69 0.00	35.40 -1.68 0.00	40.45 -1.80 0.00	48.19 -2.12 0.00	82.75 -3.65 0.00	80.01 -3.51 0.00	51.98 -2.29 0.00	39.18 -1.80 0.00	35.21 -1.65 0.00	42.22 -2.00 0.00
SITHE___MASSENA 23902	38.01 0.89 0.00	37.30 0.90 0.00	28.60 0.68 0.00	27.56 0.61 0.00	28.92 0.66 0.00	30.73 0.66 0.00	37.42 0.65 0.00	18.25 0.20 0.00	62.63 1.04 0.00	53.58 1.05 0.95	49.84 0.92 0.54	40.13 0.80 0.00	40.45 0.86 0.00	41.01 1.03 0.00	38.47 0.95 0.00	38.01 0.93 0.00	43.14 0.90 0.00	51.05 0.74 0.00	87.26 0.87 0.00	84.63 1.11 0.00	55.14 0.87 0.00	41.70 0.71 0.00	37.54 0.69 0.00	45.17 0.95 0.00
SITHE___OGDNSBRG 24021	44.86 7.41 -0.32	44.66 7.15 -1.10	34.13 5.29 -0.92	33.41 5.00 -1.46	35.52 5.49 -1.78	39.03 5.65 -3.30	43.18 4.29 -2.13	22.95 2.22 -2.69	72.91 11.32 0.00	79.10 9.92 -15.69	68.06 9.63 -8.97	46.76 7.43 0.00	46.91 7.32 0.00	47.53 7.55 0.00	44.45 6.93 0.00	43.41 6.32 0.00	49.70 7.45 0.00	58.86 8.55 0.00	92.41 6.01 0.00	96.07 12.55 0.00	62.10 7.83 0.00	47.04 6.06 0.00	43.14 6.29 0.00	52.18 7.95 0.00
SITHE___STERLING 23777	38.59 0.88 -0.59	39.24 0.82 -2.01	30.21 0.61 -1.69	30.24 0.62 -2.66	32.21 0.71 -3.24	36.98 0.88 -6.02	41.84 1.20 -3.88	24.55 0.44 -6.06	62.65 1.06 0.00	54.66 0.84 -0.33	50.44 0.79 -0.19	39.84 0.52 0.00	40.01 0.43 0.00	40.30 0.32 0.00	38.41 0.88 0.00	38.02 0.94 0.00	43.48 1.24 0.00	51.92 1.61 0.00	89.02 2.62 0.00	86.02 2.49 0.00	55.79 1.52 0.00	41.95 0.96 0.00	37.59 0.74 0.00	45.02 0.80 0.00
SLEIGHT__34_KV_TB1 80719	36.53 -1.74 -1.14	38.69 -1.62 -3.91	29.94 -1.26 -3.27	30.91 -1.22 -5.18	33.38 -1.19 -6.31	40.59 -1.20 -11.71	43.11 -1.20 -7.55	28.17 -0.64 -10.76	59.36 -2.23 0.00	51.79 -2.07 -0.38	47.95 -1.73 -0.22	38.09 -1.24 0.00	38.37 -1.22 0.00	38.64 -1.35 0.00	36.27 -1.26 0.00	35.77 -1.32 0.00	40.95 -1.30 0.00	48.76 -1.55 0.00	83.88 -2.52 0.00	81.32 -2.21 0.00	52.86 -1.41 0.00	39.60 -1.39 0.00	35.45 -1.40 0.00	42.49 -1.73 0.00
SOUTH CAIRO___GT 23612	49.42 2.90 -9.40	71.41 2.85 -32.15	57.06 2.18 -26.96	71.73 2.13 -42.65	82.44 2.27 -51.91	128.91 2.48 -96.35	101.99 3.11 -62.11	107.76 1.51 -88.20	66.59 5.00 0.00	57.47 3.98 0.00	53.03 3.57 0.00	41.99 2.67 0.00	41.76 2.18 0.00	42.50 2.51 0.00	39.68 2.15 0.00	39.21 2.13 0.00	45.15 2.90 0.00	55.01 3.92 -0.78	111.03 7.24 -17.39	90.33 6.81 0.00	58.49 4.22 0.00	44.02 3.04 0.00	39.48 2.63 0.00	47.47 3.25 0.00
SOUTH HAMPTN___IC 23720	47.59 2.35 -8.12	66.26 2.09 -27.76	52.97 1.77 -23.28	65.59 1.82 -36.82	74.90 1.82 -44.82	115.20 1.93 -83.19	93.21 2.82 -53.63	95.69 1.44 -76.20	65.92 4.33 0.00	56.41 2.92 0.00	51.89 2.43 0.00	40.93 1.60 0.00	40.73 1.14 0.00	41.59 1.61 0.00	39.47 1.95 0.00	38.75 1.66 0.00	44.59 2.34 0.00	53.85 3.30 -0.24	97.44 5.69 -5.35	89.18 5.65 0.00	57.49 3.22 0.00	43.25 2.27 0.00	38.95 2.10 0.00	46.22 2.00 0.00
SOUTHDOW_115KV_TB1 355954	36.91 -1.82 -1.60	40.30 -1.58 -5.48	31.26 -1.25 -4.59	33.06 -1.16 -7.26	35.90 -1.20 -8.84	45.28 -1.21 -16.41	45.92 -1.33 -10.49	32.32 -0.77 -15.05	59.23 -2.35 0.00	52.07 -1.73 -0.31	48.94 -0.70 -0.17	39.37 0.04 0.00	39.72 0.13 0.00	39.54 -0.44 0.00	36.97 -0.56 0.00	36.03 -0.83 0.23	42.19 -0.05 0.00	50.67 0.31 -0.06	88.12 0.40 -1.32	84.00 0.47 0.00	54.21 -0.06 0.00	40.01 -0.98 0.00	35.64 -1.21 0.00	42.57 -1.65 0.00
SOUTHOLD_69_KV_BK 2 55809	47.92 2.68 -8.12	66.54 2.37 -27.76	53.25 2.06 -23.28	65.89 2.12 -36.82	75.11 2.03 -44.82	115.41 2.15 -83.19	93.52 3.13 -53.63	95.80 1.55 -76.20	66.06 4.47 0.00	56.24 2.75 0.00	51.55 2.09 0.00	40.54 1.21 0.00	40.21 0.62 0.00	41.15 1.16 0.00	39.07 1.54 0.00	38.26 1.17 0.00	44.02 1.77 0.00	53.46 2.91 -0.24	96.90 5.15 -5.35	88.57 5.05 0.00	57.08 2.81 0.00	42.90 1.92 0.00	38.59 1.73 0.00	45.75 1.53 0.00
SOUTHOLD___IC 23719	47.92 2.68 -8.12	66.54 2.38 -27.76	53.25 2.06 -23.28	65.89 2.12 -36.82	75.11 2.03 -44.82	115.41 2.15 -83.19	93.52 3.13 -53.63	95.80 1.55 -76.20	66.06 4.47 0.00	56.23 2.75 0.00	51.55 2.09 0.00	40.54 1.21 0.00	40.21 0.62 0.00	41.14 1.16 0.00	39.07 1.54 0.00	38.26 1.17 0.00	44.02 1.77 0.00	53.46 2.91 -0.24	96.90 5.15 -5.35	88.57 5.05 0.00	57.08 2.81 0.00	42.90 1.92 0.00	38.59 1.74 0.00	45.75 1.53 0.00
SOUTH_FORK_WT_PWR 323839	47.78 2.54 -8.12	66.38 2.22 -27.76	53.18 1.98 -23.28	65.84 2.06 -36.82	74.97 1.89 -44.82	115.24 1.97 -83.19	93.32 2.93 -53.63	95.67 1.42 -76.20	65.45 3.87 0.00	55.51 2.02 0.00	50.80 1.33 0.00	39.90 0.58 0.00	39.49 -0.09 0.00	40.44 0.45 0.00	38.41 0.88 0.00	37.53 0.44 0.00	43.14 0.89 0.00	52.59 2.04 -0.24	95.39 3.64 -5.35	87.15 3.62 0.00	56.16 1.89 0.00	42.21 1.22 0.00	37.95 1.10 0.00	44.99 0.77 0.00
SPIERFLS_115KV_TB 1 80737	51.18 3.94 -10.11	74.90 3.91 -34.59	59.90 2.99 -29.00	75.71 2.88 -45.87	87.20 3.10 -55.84	136.94 3.22 -103.64	107.63 4.06 -66.81	115.06 2.04 -94.97	68.17 6.58 0.00	59.15 5.67 0.00	54.30 4.84 0.00	43.06 3.73 0.00	43.50 3.91 0.00	43.96 3.98 0.00	40.71 3.18 0.00	40.74 3.66 0.00	46.96 4.72 0.00	58.84 6.09 -2.44	151.12 10.61 -54.11	93.47 9.95 0.00	60.35 6.08 0.00	45.48 4.50 0.00	40.77 3.92 0.00	48.98 4.76 0.00
ST LAWRENCE____ 23600	37.67 0.54 0.00	36.95 0.54 0.00	28.33 0.41 0.00	27.30 0.35 0.00	28.64 0.38 0.00	30.43 0.36 0.00	37.05 0.29 0.00	18.08 0.03 0.00	62.05 0.46 0.00	53.07 0.54 0.95	49.36 0.44 0.54	39.74 0.41 0.00	40.04 0.46 0.00	40.61 0.63 0.00	38.11 0.58 0.00	37.64 0.55 0.00	42.71 0.47 0.00	50.55 0.24 0.00	86.43 0.03 0.00	83.82 0.30 0.00	54.62 0.35 0.00	41.32 0.33 0.00	37.21 0.36 0.00	44.77 0.55 0.00
STATE_CA_115KV_115_LB 55624	48.45 1.37 -9.95	71.82 1.37 -34.04	57.51 1.05 -28.54	73.12 1.02 -45.15	84.30 1.08 -54.96	133.22 1.14 -102.00	103.94 1.42 -65.75	112.54 0.81 -93.68	64.45 2.86 0.00	55.91 2.43 0.00	51.73 2.27 0.00	41.04 1.71 0.00	41.19 1.60 0.00	41.63 1.65 0.00	38.96 1.44 0.00	38.67 1.59 0.00	44.13 1.89 0.00	54.73 2.49 -1.93	133.70 4.41 -42.89	87.47 3.95 0.00	56.70 2.43 0.00	42.81 1.83 0.00	38.47 1.62 0.00	46.22 2.00 0.00

STATE_ST_34_KV_LOAD 55959	37.70 -0.62 -1.20	39.90 -0.60 -4.10	30.87 -0.48 -3.43	31.96 -0.42 -5.43	34.45 -0.42 -6.61	41.89 -0.46 -12.27	44.40 -0.28 -7.91	29.22 -0.12 -11.29	61.02 -0.57 0.00	53.23 -0.73 -0.48	49.15 -0.58 -0.27	38.88 -0.44 0.00	39.14 -0.45 0.00	39.31 -0.67 0.00	36.93 -0.60 0.00	36.55 -0.53 0.00	41.80 -0.44 0.00	49.79 -0.52 0.00	85.98 -0.42 0.00	83.22 -0.30 0.00	53.99 -0.28 0.00	40.45 -0.53 0.00	36.24 -0.61 0.00	43.39 -0.83 0.00
STATION 5_MISC_HYD 23604	36.14 -2.15 -1.17	38.44 -1.97 -4.00	29.76 -1.52 -3.36	30.74 -1.52 -5.31	33.27 -1.45 -6.46	40.57 -1.50 -11.99	42.90 -1.59 -7.73	28.19 -0.88 -11.02	58.63 -2.96 0.00	51.10 -2.72 -0.33	47.46 -2.20 -0.19	37.80 -1.53 0.00	38.15 -1.44 0.00	38.44 -1.54 0.00	36.03 -1.49 0.00	35.49 -1.59 0.00	40.61 -1.64 0.00	48.35 -1.96 0.00	82.97 -3.43 0.00	80.64 -2.89 0.00	52.54 -1.73 0.00	39.32 -1.67 0.00	35.26 -1.59 0.00	42.29 -1.93 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.20 -1.06 -1.15	39.32 -1.00 -3.92	30.41 -0.79 -3.28	31.40 -0.75 -5.19	33.88 -0.70 -6.32	41.17 -0.64 -11.73	43.79 -0.53 -7.56	28.56 -0.28 -10.79	60.61 -0.98 0.00	52.85 -1.05 -0.42	48.86 -0.84 -0.24	38.78 -0.55 0.00	39.13 -0.46 0.00	39.36 -0.62 0.00	36.91 -0.62 0.00	36.39 -0.69 0.00	41.62 -0.63 0.00	49.72 -0.59 0.00	85.56 -0.84 0.00	82.90 -0.63 0.00	53.82 -0.45 0.00	40.29 -0.70 0.00	36.08 -0.78 0.00	43.18 -1.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.03 -2.26 -1.16	38.30 -2.08 -3.97	29.64 -1.60 -3.33	30.62 -1.60 -5.27	33.13 -1.54 -6.41	40.39 -1.59 -11.90	42.72 -1.71 -7.67	28.06 -0.94 -10.94	58.46 -3.13 0.00	50.97 -2.85 -0.34	47.31 -2.35 -0.19	37.67 -1.66 0.00	38.00 -1.59 0.00	38.29 -1.69 0.00	35.92 -1.61 0.00	35.37 -1.71 0.00	40.48 -1.77 0.00	48.19 -2.12 0.00	82.70 -3.69 0.00	80.34 -3.18 0.00	52.33 -1.94 0.00	39.17 -1.81 0.00	35.13 -1.73 0.00	42.12 -2.11 0.00
STA_56___34_KV_BUS2 355983	36.03 -2.26 -1.16	38.30 -2.08 -3.97	29.64 -1.60 -3.33	30.62 -1.60 -5.27	33.13 -1.54 -6.41	40.39 -1.59 -11.90	42.72 -1.71 -7.67	28.06 -0.94 -10.94	58.46 -3.13 0.00	50.97 -2.85 -0.34	47.31 -2.35 -0.19	37.67 -1.66 0.00	38.00 -1.59 0.00	38.29 -1.69 0.00	35.92 -1.61 0.00	35.37 -1.71 0.00	40.48 -1.77 0.00	48.19 -2.12 0.00	82.70 -3.69 0.00	80.34 -3.18 0.00	52.33 -1.94 0.00	39.17 -1.81 0.00	35.13 -1.73 0.00	42.12 -2.11 0.00
STA_67___115KV_BK2 355882	36.05 -2.24 -1.17	38.36 -2.05 -4.00	29.70 -1.58 -3.35	30.68 -1.58 -5.30	33.20 -1.51 -6.46	40.49 -1.57 -11.98	42.73 -1.68 -7.66	28.11 -0.94 -11.00	58.46 -3.12 0.00	50.97 -2.85 -0.33	47.33 -2.33 -0.19	37.70 -1.63 0.00	38.05 -1.54 0.00	38.33 -1.65 0.00	35.94 -1.59 0.00	35.22 -1.70 0.17	40.50 -1.74 0.00	48.22 -2.10 0.00	82.76 -3.64 0.00	80.40 -3.12 0.00	52.40 -1.87 0.00	39.22 -1.77 0.00	35.18 -1.67 0.00	42.19 -2.03 0.00
STA_7___115KV_9TRANS 80674	36.34 -1.96 -1.17	38.62 -1.79 -4.00	29.89 -1.38 -3.36	30.87 -1.39 -5.31	33.40 -1.32 -6.46	40.73 -1.34 -11.99	43.11 -1.39 -7.73	28.28 -0.79 -11.02	58.97 -2.62 0.00	51.41 -2.41 -0.33	47.74 -1.92 -0.19	38.03 -1.30 0.00	38.38 -1.21 0.00	38.66 -1.33 0.00	36.25 -1.28 0.00	35.69 -1.40 0.00	40.85 -1.39 0.00	48.65 -1.66 0.00	83.54 -2.86 0.00	81.17 -2.35 0.00	52.87 -1.40 0.00	39.56 -1.42 0.00	35.47 -1.39 0.00	42.51 -1.71 0.00
STA_82___115KV_TB1 80780	36.06 -2.24 -1.18	38.38 -2.05 -4.02	29.71 -1.58 -3.37	30.70 -1.58 -5.33	33.23 -1.51 -6.49	40.56 -1.56 -12.04	42.84 -1.68 -7.76	28.18 -0.94 -11.07	58.46 -3.12 0.00	50.97 -2.85 -0.33	47.33 -2.33 -0.19	37.70 -1.63 0.00	38.04 -1.55 0.00	38.32 -1.66 0.00	35.94 -1.59 0.00	35.38 -1.70 0.00	40.50 -1.74 0.00	48.21 -2.10 0.00	82.76 -3.64 0.00	80.41 -3.11 0.00	52.40 -1.87 0.00	39.22 -1.77 0.00	35.18 -1.67 0.00	42.19 -2.03 0.00
STEEL___WIND 323596	36.06 -2.56 -1.49	39.22 -2.29 -5.11	30.39 -1.81 -4.28	31.91 -1.81 -6.77	34.79 -1.71 -8.24	43.59 -1.78 -15.30	44.30 -2.06 -9.60	30.82 -1.22 -13.98	57.84 -3.75 0.00	50.49 -3.31 -0.31	47.15 -2.49 -0.18	37.81 -1.51 0.00	38.34 -1.24 0.00	38.49 -1.49 0.00	35.97 -1.55 0.00	34.68 -1.76 0.65	40.60 -1.65 0.00	48.23 -2.08 0.00	82.71 -3.69 0.00	80.58 -2.94 0.00	52.62 -1.66 0.00	39.19 -1.80 0.00	35.12 -1.73 0.00	42.17 -2.05 0.00
STEPHTWN_115KV_BK_2 55603	48.63 1.68 -9.83	71.64 1.60 -33.63	57.31 1.20 -28.20	72.77 1.21 -44.61	83.81 1.25 -54.29	132.24 1.39 -100.77	103.46 1.74 -64.96	111.13 0.85 -92.22	64.29 2.71 0.00	55.76 2.27 0.00	51.56 2.09 0.00	40.83 1.51 0.00	41.04 1.45 0.00	41.52 1.54 0.00	38.75 1.22 0.00	38.49 1.40 0.00	43.97 1.73 0.00	53.58 2.21 -1.06	113.99 3.96 -23.62	87.11 3.58 0.00	56.48 2.21 0.00	42.63 1.65 0.00	38.31 1.46 0.00	46.07 1.85 0.00
STEUBEN_REC_LFGE 323667	36.31 -2.72 -1.91	40.43 -2.50 -6.52	31.38 -2.01 -5.47	33.89 -1.72 -8.66	37.04 -1.75 -10.53	47.77 -1.86 -19.55	48.11 -2.25 -13.60	35.12 -1.13 -18.20	57.72 -3.87 0.00	50.09 -3.70 -0.30	46.73 -2.91 -0.17	37.39 -1.94 0.00	38.12 -1.47 0.00	38.15 -1.83 0.00	35.72 -1.81 0.00	37.03 -2.55 -2.49	39.66 -2.59 0.00	47.97 -2.42 -0.07	84.25 -3.77 -1.61	80.01 -3.51 0.00	51.45 -2.82 0.00	38.06 -2.93 0.00	33.89 -2.97 0.00	40.50 -3.72 0.00
STILLWATER___SOLAR 323814	49.69 2.46 -10.11	73.40 2.42 -34.57	58.75 1.85 -28.99	74.60 1.79 -45.85	86.00 1.92 -55.82	135.68 2.01 -103.60	106.07 2.52 -66.79	114.26 1.28 -94.93	65.66 4.07 0.00	56.91 3.43 0.00	52.51 3.04 0.00	41.64 2.31 0.00	41.92 2.33 0.00	42.33 2.35 0.00	39.45 1.92 0.00	39.28 2.19 0.00	45.10 2.86 0.00	56.46 3.73 -2.43	146.90 6.57 -53.93	89.57 6.05 0.00	57.97 3.70 0.00	43.72 2.73 0.00	39.27 2.41 0.00	47.18 2.96 0.00
STONY___BROOK 24151	47.23 2.00 -8.12	65.94 1.77 -27.76	52.66 1.47 -23.28	65.27 1.50 -36.82	74.64 1.55 -44.82	114.92 1.65 -83.19	92.84 2.45 -53.63	95.55 1.30 -76.20	65.66 4.08 0.00	56.40 2.91 0.00	52.04 2.58 0.00	41.17 1.84 0.00	41.08 1.49 0.00	41.88 1.89 0.00	39.70 2.17 0.00	39.09 2.00 0.00	44.89 2.64 0.00	54.01 3.46 -0.24	97.81 6.06 -5.35	89.34 5.82 0.00	57.64 3.37 0.00	43.40 2.41 0.00	39.11 2.26 0.00	46.43 2.21 0.00
STURGEON_POOL_HYD 23609	46.29 0.91 -8.26	65.45 0.80 -28.25	52.23 0.63 -23.68	65.04 0.63 -37.46	74.51 0.65 -45.60	115.54 0.82 -84.64	92.60 1.27 -54.57	96.31 0.74 -77.52	63.93 2.34 0.00	55.26 1.77 0.00	51.05 1.58 0.00	40.54 1.22 0.00	40.66 1.07 0.00	41.15 1.16 0.00	38.71 1.19 0.00	38.24 1.15 0.00	43.54 1.30 0.00	52.47 1.82 -0.34	97.48 3.54 -7.54	86.78 3.25 0.00	56.22 1.95 0.00	42.44 1.46 0.00	38.15 1.30 0.00	45.53 1.31 0.00
ST_LAW_115_BK7_LBMP 345037	37.67 0.55 0.00	36.96 0.55 0.00	28.33 0.41 0.00	27.30 0.35 0.00	28.64 0.38 0.00	30.44 0.36 0.00	37.05 0.29 0.00	18.08 0.03 0.00	62.05 0.46 0.00	53.08 0.55 0.95	49.36 0.45 0.54	39.74 0.42 0.00	40.05 0.46 0.00	40.62 0.63 0.00	38.11 0.58 0.00	37.64 0.56 0.00	42.72 0.48 0.00	50.55 0.24 0.00	86.45 0.04 0.00	83.82 0.30 0.00	54.62 0.35 0.00	41.32 0.33 0.00	37.21 0.36 0.00	44.77 0.55 0.00

ST_LAW_115_BK8_LBMP 345038	37.67 0.55 0.00	36.96 0.55 0.00	28.33 0.41 0.00	27.30 0.35 0.00	28.64 0.38 0.00	30.44 0.36 0.00	37.05 0.29 0.00	18.08 0.03 0.00	62.05 0.46 0.00	53.08 0.55 0.95	49.36 0.45 0.54	39.74 0.42 0.00	40.05 0.46 0.00	40.62 0.63 0.00	38.11 0.58 0.00	37.64 0.56 0.00	42.72 0.48 0.00	50.55 0.24 0.00	86.45 0.04 0.00	83.82 0.30 0.00	54.62 0.35 0.00	41.32 0.33 0.00	37.21 0.36 0.00	44.77 0.55 0.00
ST_LAW_230_BK5_LBMP 345035	37.67 0.54 0.00	36.95 0.54 0.00	28.33 0.41 0.00	27.30 0.35 0.00	28.64 0.38 0.00	30.43 0.36 0.00	37.05 0.29 0.00	18.08 0.03 0.00	62.05 0.46 0.00	53.07 0.54 0.95	49.36 0.44 0.54	39.74 0.41 0.00	40.04 0.46 0.00	40.61 0.63 0.00	38.11 0.58 0.00	37.64 0.55 0.00	42.71 0.47 0.00	50.55 0.24 0.00	86.43 0.03 0.00	83.82 0.30 0.00	54.62 0.35 0.00	41.32 0.33 0.00	37.21 0.36 0.00	44.77 0.55 0.00
ST_LAW_230_BK6_LBMP 345036	37.67 0.54 0.00	36.95 0.54 0.00	28.33 0.41 0.00	27.30 0.35 0.00	28.64 0.38 0.00	30.43 0.36 0.00	37.05 0.29 0.00	18.08 0.03 0.00	62.05 0.46 0.00	53.07 0.54 0.95	49.36 0.44 0.54	39.74 0.41 0.00	40.04 0.46 0.00	40.61 0.63 0.00	38.11 0.58 0.00	37.64 0.55 0.00	42.71 0.47 0.00	50.55 0.24 0.00	86.43 0.03 0.00	83.82 0.30 0.00	54.62 0.35 0.00	41.32 0.33 0.00	37.21 0.36 0.00	44.77 0.55 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.19 0.56 -7.51	62.53 0.46 -25.67	49.82 0.38 -21.52	61.38 0.39 -34.04	70.11 0.41 -41.44	107.58 0.59 -76.91	87.32 0.98 -49.58	89.06 0.56 -70.45	63.21 1.62 0.00	54.69 1.20 0.00	50.64 1.18 0.00	40.23 0.90 0.00	40.41 0.83 0.00	40.82 0.83 0.00	38.36 0.83 0.00	37.91 0.82 0.00	43.12 0.87 0.00	51.94 1.41 -0.22	94.13 2.83 -4.90	86.05 2.53 0.00	55.77 1.50 0.00	42.09 1.10 0.00	37.87 1.02 0.00	45.23 1.01 0.00
SWANROAD_115KV_TB1 355699	34.55 -3.97 -1.40	37.41 -3.79 -4.79	28.97 -2.97 -4.02	30.36 -2.95 -6.36	33.11 -2.89 -7.74	41.44 -3.00 -14.36	42.12 -3.55 -8.91	29.16 -2.00 -13.10	55.23 -6.36 0.00	48.15 -5.65 -0.32	45.12 -4.53 -0.18	36.22 -3.11 0.00	36.69 -2.89 0.00	36.96 -3.03 0.00	34.62 -2.90 0.00	33.03 -3.19 0.87	38.87 -3.37 0.00	46.02 -4.29 0.00	78.68 -7.73 0.00	76.80 -6.73 0.00	50.39 -3.88 0.00	37.67 -3.31 0.00	33.83 -3.02 0.00	40.75 -3.48 0.00
SYNERGY___BIOGAS 323694	36.30 -2.12 -1.30	38.91 -1.95 -4.45	30.11 -1.54 -3.73	31.29 -1.57 -5.91	34.02 -1.43 -7.19	42.03 -1.39 -13.35	43.69 -1.43 -8.36	29.39 -0.87 -12.20	58.82 -2.77 0.00	51.09 -2.72 -0.33	47.56 -2.09 -0.19	37.96 -1.36 0.00	38.39 -1.19 0.00	38.51 -1.48 0.00	36.21 -1.31 0.00	34.91 -1.55 0.62	40.74 -1.50 0.00	48.57 -1.74 0.00	83.68 -2.72 0.00	81.49 -2.04 0.00	53.22 -1.05 0.00	39.69 -1.30 0.00	35.56 -1.29 0.00	42.66 -1.56 0.00
SYRACUSE___ENERGY_ST1 323597	37.36 -0.76 -1.01	39.06 -0.78 -3.44	30.18 -0.61 -2.88	30.95 -0.56 -4.56	33.23 -0.58 -5.55	39.83 -0.55 -10.30	42.87 -0.52 -6.64	27.32 -0.22 -9.49	60.66 -0.93 0.00	53.20 -0.92 -0.62	49.03 -0.79 -0.36	38.71 -0.62 0.00	38.99 -0.60 0.00	39.22 -0.77 0.00	36.89 -0.63 0.00	36.44 -0.64 0.00	41.68 -0.57 0.00	49.72 -0.59 0.00	85.47 -0.93 0.00	82.66 -0.86 0.00	53.63 -0.64 0.00	40.34 -0.65 0.00	36.18 -0.67 0.00	43.34 -0.88 0.00
SYRACUSE___ENERGY_ST2 323598	37.36 -0.76 -1.01	39.06 -0.78 -3.44	30.18 -0.61 -2.88	30.95 -0.56 -4.56	33.23 -0.58 -5.55	39.83 -0.55 -10.30	42.87 -0.52 -6.64	27.32 -0.22 -9.49	60.66 -0.93 0.00	53.20 -0.92 -0.62	49.03 -0.79 -0.36	38.71 -0.62 0.00	38.99 -0.60 0.00	39.22 -0.77 0.00	36.89 -0.63 0.00	36.44 -0.64 0.00	41.68 -0.57 0.00	49.72 -0.59 0.00	85.47 -0.93 0.00	82.66 -0.86 0.00	53.63 -0.64 0.00	40.34 -0.65 0.00	36.18 -0.67 0.00	43.34 -0.88 0.00
SYRACUSE___POWER 24017	37.23 -0.93 -1.04	39.01 -0.93 -3.54	30.16 -0.73 -2.97	30.98 -0.66 -4.69	33.27 -0.70 -5.71	40.02 -0.66 -10.60	42.92 -0.67 -6.83	27.55 -0.29 -9.80	60.39 -1.19 0.00	52.89 -1.15 -0.55	48.77 -1.02 -0.32	38.56 -0.77 0.00	38.83 -0.76 0.00	39.05 -0.94 0.00	36.74 -0.78 0.00	36.30 -0.79 0.00	41.51 -0.74 0.00	49.55 -0.76 0.00	85.16 -1.24 0.00	82.34 -1.18 0.00	53.44 -0.83 0.00	40.23 -0.76 0.00	36.09 -0.77 0.00	43.22 -1.00 0.00
TALLMAN___138KV_BK151 55660	45.32 0.48 -7.71	63.17 0.39 -26.37	50.34 0.31 -22.11	62.27 0.34 -34.98	71.21 0.36 -42.58	109.70 0.59 -79.03	88.72 1.01 -50.95	91.03 0.59 -72.40	63.21 1.63 0.00	54.72 1.24 0.00	50.74 1.28 0.00	40.30 0.98 0.00	40.43 0.85 0.00	40.85 0.87 0.00	38.39 0.87 0.00	37.92 0.83 0.00	43.12 0.88 0.00	51.98 1.45 -0.23	94.42 2.97 -5.05	86.14 2.61 0.00	55.81 1.54 0.00	42.14 1.15 0.00	37.92 1.07 0.00	45.28 1.06 0.00
TEALLAVE_115KV_TB7 355573	36.84 -1.18 -0.89	38.30 -1.18 -3.07	29.57 -0.91 -2.57	30.17 -0.85 -4.07	32.32 -0.89 -4.95	38.40 -0.87 -9.18	41.75 -0.93 -5.92	26.16 -0.42 -8.53	59.94 -1.65 0.00	52.56 -1.52 -0.59	48.46 -1.35 -0.34	38.29 -1.04 0.00	38.58 -1.01 0.00	38.81 -1.18 0.00	36.51 -1.01 0.00	36.06 -1.03 0.00	41.24 -1.00 0.00	49.21 -1.10 0.00	84.50 -1.90 0.00	81.72 -1.80 0.00	53.05 -1.22 0.00	39.96 -1.03 0.00	35.85 -1.00 0.00	42.95 -1.27 0.00
TELGRAPH_34_KV_EAST 80808	35.37 -3.10 -1.35	38.13 -2.90 -4.62	29.53 -2.26 -3.88	30.82 -2.26 -6.13	33.55 -2.17 -7.46	41.71 -2.21 -13.85	42.85 -2.52 -8.61	29.24 -1.46 -12.64	56.99 -4.60 0.00	49.63 -4.17 -0.32	46.41 -3.24 -0.18	37.18 -2.15 0.00	37.64 -1.95 0.00	37.86 -2.13 0.00	35.49 -2.04 0.00	33.98 -2.30 0.80	39.90 -2.35 0.00	47.38 -2.93 0.00	81.25 -5.15 0.00	79.19 -4.34 0.00	51.81 -2.46 0.00	38.68 -2.31 0.00	34.69 -2.16 0.00	41.68 -2.54 0.00
TEMPLE___115KV_TB 2 55572	36.84 -1.19 -0.91	38.32 -1.18 -3.10	29.60 -0.92 -2.60	30.20 -0.86 -4.11	32.37 -0.90 -5.00	38.49 -0.88 -9.29	41.81 -0.94 -5.99	26.25 -0.42 -8.62	59.94 -1.65 0.00	52.55 -1.52 -0.58	48.45 -1.35 -0.33	38.29 -1.04 0.00	38.58 -1.01 0.00	38.81 -1.17 0.00	36.50 -1.02 0.00	36.06 -1.03 0.00	41.24 -1.00 0.00	49.20 -1.11 0.00	84.50 -1.90 0.00	81.72 -1.80 0.00	53.05 -1.22 0.00	39.96 -1.03 0.00	35.85 -1.01 0.00	42.94 -1.28 0.00
TIANA____69_KV_BK 1 55817	47.54 2.30 -8.12	66.22 2.05 -27.76	52.91 1.72 -23.28	65.54 1.77 -36.82	74.87 1.78 -44.82	115.17 1.90 -83.19	93.16 2.77 -53.63	95.68 1.43 -76.20	65.95 4.36 0.00	56.50 3.02 0.00	52.01 2.54 0.00	41.02 1.70 0.00	40.86 1.27 0.00	41.72 1.74 0.00	39.59 2.07 0.00	38.90 1.82 0.00	44.76 2.52 0.00	54.01 3.46 -0.24	97.69 5.94 -5.35	89.42 5.90 0.00	57.67 3.40 0.00	43.38 2.40 0.00	39.08 2.22 0.00	46.37 2.15 0.00
TILDEN___115KV_TB1 80814	37.23 -0.93 -1.04	39.01 -0.93 -3.54	30.16 -0.73 -2.97	30.98 -0.66 -4.69	33.27 -0.70 -5.71	40.02 -0.66 -10.60	42.92 -0.67 -6.83	27.55 -0.29 -9.80	60.39 -1.19 0.00	52.89 -1.15 -0.55	48.77 -1.02 -0.32	38.56 -0.77 0.00	38.83 -0.76 0.00	39.05 -0.94 0.00	36.74 -0.78 0.00	36.30 -0.79 0.00	41.51 -0.74 0.00	49.55 -0.76 0.00	85.16 -1.24 0.00	82.34 -1.18 0.00	53.44 -0.83 0.00	40.23 -0.76 0.00	36.09 -0.77 0.00	43.22 -1.00 0.00

TRIGEN___CC 323695	46.60 1.36 -8.12	65.38 1.21 -27.76	52.18 0.98 -23.28	64.77 0.99 -36.82	74.10 1.02 -44.82	114.39 1.12 -83.19	92.15 1.76 -53.63	95.24 0.98 -76.20	64.70 3.11 0.00	55.82 2.34 0.00	51.56 2.09 0.00	41.00 1.67 0.00	41.04 1.46 0.00	41.67 1.69 0.00	39.28 1.75 0.00	38.75 1.66 0.00	44.26 2.01 0.00	53.17 2.62 -0.24	96.46 4.70 -5.35	87.77 4.25 0.00	56.73 2.46 0.00	42.87 1.89 0.00	38.63 1.78 0.00	45.98 1.75 0.00
TRINITY___115KV___4 BK 55933	48.24 1.26 -9.86	71.42 1.28 -33.74	57.18 0.97 -28.29	72.65 0.94 -44.75	83.73 1.00 -54.48	132.22 1.03 -101.11	103.20 1.26 -65.18	111.28 0.65 -92.58	63.64 2.06 0.00	55.23 1.75 0.00	51.08 1.62 0.00	40.53 1.20 0.00	40.67 1.08 0.00	41.13 1.15 0.00	38.52 1.00 0.00	38.20 1.11 0.00	43.57 1.32 0.00	53.36 1.76 -1.29	118.25 3.19 -28.66	86.33 2.81 0.00	55.98 1.70 0.00	42.32 1.33 0.00	38.06 1.20 0.00	45.77 1.54 0.00
UNION___PROCESSING_DRP 323587	36.06 -2.24 -1.18	38.38 -2.05 -4.02	29.72 -1.57 -3.37	30.71 -1.57 -5.33	33.24 -1.51 -6.49	40.57 -1.56 -12.05	42.85 -1.68 -7.77	28.20 -0.93 -11.08	58.48 -3.11 0.00	50.98 -2.84 -0.34	47.34 -2.31 -0.19	37.70 -1.63 0.00	38.05 -1.54 0.00	38.33 -1.65 0.00	35.94 -1.58 0.00	35.39 -1.70 0.00	40.50 -1.74 0.00	48.22 -2.10 0.00	82.76 -3.64 0.00	80.43 -3.09 0.00	52.41 -1.86 0.00	39.23 -1.76 0.00	35.18 -1.67 0.00	42.20 -2.02 0.00
UPPER HUDSON___HYD 24058	51.18 3.94 -10.11	74.90 3.91 -34.59	59.90 2.99 -29.00	75.70 2.88 -45.87	87.20 3.10 -55.84	136.94 3.22 -103.64	107.63 4.06 -66.81	115.06 2.04 -94.97	68.17 6.58 0.00	59.15 5.67 0.00	54.30 4.84 0.00	43.06 3.73 0.00	43.50 3.91 0.00	43.96 3.97 0.00	40.71 3.18 0.00	40.75 3.66 0.00	46.96 4.72 0.00	58.83 6.09 -2.44	151.11 10.61 -54.11	93.47 9.95 0.00	60.35 6.08 0.00	45.49 4.50 0.00	40.77 3.92 0.00	48.98 4.76 0.00
UPPER RAQUET___HYD 24056	43.38 5.94 -0.32	43.23 5.72 -1.10	33.05 4.21 -0.92	32.35 3.94 -1.46	34.37 4.34 -1.78	37.69 4.32 -3.30	41.37 2.48 -2.13	22.15 1.41 -2.69	70.65 9.06 0.00	77.36 8.18 -15.69	66.45 8.01 -8.97	45.50 6.17 0.00	45.72 6.13 0.00	46.33 6.35 0.00	43.24 5.71 0.00	42.07 4.98 0.00	47.69 5.44 0.00	56.10 5.79 0.00	87.68 1.28 0.00	91.51 7.99 0.00	59.30 5.03 0.00	45.07 4.08 0.00	41.48 4.63 0.00	50.34 6.12 0.00
VALLEY44_115KV_TB2 355964	36.80 -1.97 -1.65	40.26 -1.78 -5.64	31.15 -1.50 -4.73	33.10 -1.34 -7.48	36.02 -1.35 -9.11	45.52 -1.46 -16.91	45.98 -1.68 -10.90	32.64 -0.93 -15.52	58.70 -2.89 0.00	51.55 -2.24 -0.30	48.43 -1.21 -0.17	38.70 -0.63 0.00	39.28 -0.30 0.00	39.29 -0.69 0.00	36.72 -0.81 0.00	35.90 -1.18 0.00	41.24 -1.00 0.00	49.16 -1.21 -0.06	85.87 -1.89 -1.36	82.18 -1.34 0.00	53.45 -0.82 0.00	39.85 -1.13 0.00	35.84 -1.01 0.00	42.88 -1.34 0.00
VALLEY___115KV_TB 1-4 80826	37.78 0.53 -0.13	37.39 0.52 -0.46	28.70 0.40 -0.38	28.00 0.44 -0.61	29.46 0.46 -0.74	31.88 0.44 -1.37	38.24 0.60 -0.88	18.83 0.35 -0.43	62.55 0.96 0.00	54.21 0.73 0.00	50.08 0.61 0.00	39.71 0.38 0.00	39.93 0.34 0.00	40.19 0.21 0.00	37.37 -0.16 0.00	37.22 0.13 0.00	42.57 0.33 0.00	51.10 0.79 0.00	88.05 1.65 0.00	84.82 1.30 0.00	54.97 0.69 0.00	41.53 0.55 0.00	37.23 0.38 0.00	44.64 0.42 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.40 1.74 -3.54	50.19 1.68 -12.10	39.39 1.33 -10.15	44.32 1.31 -16.05	49.22 1.42 -19.54	67.98 1.64 -36.26	62.23 2.09 -23.38	52.30 1.01 -33.24	64.98 3.39 0.00	56.38 2.89 0.00	52.13 2.67 0.00	41.26 1.93 0.00	41.62 2.03 0.00	41.92 1.94 0.00	39.33 1.81 0.00	38.72 1.63 0.00	44.13 1.89 0.00	52.94 2.28 -0.35	98.47 4.26 -7.81	87.60 4.07 0.00	56.82 2.55 0.00	42.77 1.78 0.00	38.39 1.54 0.00	45.89 1.66 0.00
VISCHER___FERRY HYD 24020	48.57 1.46 -9.98	72.04 1.50 -34.14	57.68 1.14 -28.63	73.33 1.10 -45.28	84.55 1.17 -55.12	133.56 1.18 -102.31	104.15 1.44 -65.95	112.55 0.76 -93.75	63.94 2.35 0.00	55.48 1.99 0.00	51.30 1.84 0.00	40.67 1.34 0.00	40.82 1.23 0.00	41.30 1.31 0.00	38.63 1.10 0.00	38.34 1.26 0.00	43.87 1.63 0.00	54.59 2.15 -2.13	137.69 3.91 -47.38	86.93 3.41 0.00	56.32 2.05 0.00	42.57 1.58 0.00	38.29 1.44 0.00	46.07 1.85 0.00
V_A_10_SYNC_DSASP 323832	35.14 -3.26 -1.28	37.81 -2.99 -4.39	29.30 -2.30 -3.68	30.48 -2.30 -5.83	33.13 -2.23 -7.09	40.87 -2.37 -13.16	42.28 -2.72 -8.24	28.55 -1.54 -12.03	56.56 -5.03 0.00	49.33 -4.48 -0.32	46.06 -3.59 -0.18	36.81 -2.52 0.00	37.21 -2.38 0.00	37.49 -2.50 0.00	35.09 -2.43 0.00	33.94 -2.53 0.61	39.55 -2.69 0.00	46.91 -3.40 0.00	80.35 -6.04 0.00	78.27 -5.26 0.00	51.15 -3.12 0.00	38.24 -2.75 0.00	34.34 -2.51 0.00	41.26 -2.97 0.00
V_CMM_10_SYNC_DSASP 323787	37.84 0.72 0.00	37.13 0.72 0.00	28.47 0.55 0.00	27.43 0.48 0.00	28.78 0.52 0.00	30.58 0.51 0.00	37.24 0.48 0.00	18.17 0.12 0.00	62.35 0.76 0.00	53.34 0.81 0.95	49.61 0.69 0.54	39.94 0.62 0.00	40.25 0.67 0.00	40.82 0.83 0.00	38.30 0.77 0.00	37.84 0.75 0.00	42.93 0.69 0.00	50.80 0.49 0.00	86.86 0.46 0.00	84.22 0.70 0.00	54.89 0.62 0.00	41.51 0.52 0.00	37.38 0.53 0.00	44.95 0.73 0.00
V_CMP_10_SYNC_DSASP 323788	39.04 1.92 0.00	37.97 1.56 0.00	28.99 1.08 0.00	27.91 0.96 0.00	29.31 1.05 0.00	31.18 1.11 0.00	38.02 1.26 0.00	18.65 0.60 0.00	63.95 2.36 0.00	53.53 2.09 2.05	50.17 1.88 1.17	40.81 1.49 0.00	41.42 1.83 0.00	42.28 2.29 0.00	39.32 1.79 0.00	39.19 2.11 0.00	44.72 2.48 0.00	53.00 2.69 0.00	90.62 4.22 0.00	87.74 4.22 0.00	56.94 2.67 0.00	43.13 2.14 0.00	38.87 2.02 0.00	47.16 2.94 0.00
V_D_10_SYNC_DSASP 323841	38.01 0.89 0.00	37.30 0.90 0.00	28.60 0.68 0.00	27.56 0.61 0.00	28.92 0.66 0.00	30.73 0.66 0.00	37.42 0.65 0.00	18.25 0.20 0.00	62.63 1.04 0.00	53.58 1.05 0.95	49.84 0.92 0.54	40.13 0.80 0.00	40.45 0.86 0.00	41.01 1.03 0.00	38.47 0.95 0.00	38.01 0.93 0.00	43.14 0.90 0.00	51.05 0.74 0.00	87.26 0.87 0.00	84.63 1.11 0.00	55.14 0.87 0.00	41.70 0.71 0.00	37.54 0.69 0.00	45.17 0.95 0.00
V_E_10_SYNC_DSASP 323830	41.01 1.29 -2.60	46.54 1.25 -8.88	36.65 1.29 -7.45	40.01 1.28 -11.79	44.06 1.45 -14.35	58.57 1.87 -26.63	56.60 2.59 -17.25	43.75 1.25 -24.45	65.47 3.88 0.00	56.62 3.13 0.00	52.61 3.14 0.00	41.26 1.93 0.00	41.19 1.60 0.00	41.09 1.10 0.00	38.83 1.30 0.00	38.71 1.42 -0.20	43.58 1.34 0.00	51.93 1.45 -0.16	93.24 3.20 -3.64	86.43 2.91 0.00	55.63 1.36 0.00	41.52 0.54 0.00	37.19 0.34 0.00	44.36 0.14 0.00
V_F_30_NSYNC___DSASP 323816	49.74 2.49 -10.13	73.52 2.46 -34.65	58.84 1.88 -29.05	74.73 1.82 -45.96	86.15 1.94 -55.95	135.95 2.04 -103.84	106.28 2.58 -66.94	114.50 1.30 -95.15	65.74 4.15 0.00	57.01 3.52 0.00	52.60 3.14 0.00	41.71 2.39 0.00	42.00 2.42 0.00	42.39 2.41 0.00	39.52 1.99 0.00	39.34 2.26 0.00	45.16 2.91 0.00	56.58 3.80 -2.47	148.02 6.69 -54.93	89.67 6.14 0.00	58.04 3.77 0.00	43.77 2.78 0.00	39.31 2.45 0.00	47.21 2.99 0.00



V_F_30_SYNC_DSASP 323786	48.44 1.37 -9.95	71.79 1.37 -34.01	57.49 1.05 -28.52	73.09 1.02 -45.11	84.26 1.08 -54.92	133.15 1.14 -101.93	103.89 1.42 -65.71	112.50 0.81 -93.63	64.46 2.87 0.00	55.91 2.43 0.00	51.73 2.27 0.00	41.04 1.71 0.00	41.19 1.61 0.00	41.64 1.66 0.00	38.97 1.45 0.00	38.69 1.60 0.00	44.15 1.90 0.00	54.73 2.50 -1.92	133.52 4.41 -42.71	87.48 3.96 0.00	56.70 2.44 0.00	42.82 1.84 0.00	38.48 1.63 0.00	46.22 2.00 0.00
V_XM_10_SYNC_DSASP 323789	39.04 1.92 0.00	37.97 1.56 0.00	28.99 1.08 0.00	27.91 0.96 0.00	29.31 1.05 0.00	31.18 1.11 0.00	38.02 1.26 0.00	18.65 0.60 0.00	63.95 2.36 0.00	53.53 2.09 2.05	50.17 1.88 1.17	40.81 1.49 0.00	41.42 1.83 0.00	42.28 2.29 0.00	39.32 1.79 0.00	39.19 2.11 0.00	44.72 2.48 0.00	53.00 2.69 0.00	90.62 4.22 0.00	87.74 4.22 0.00	56.94 2.67 0.00	43.13 2.14 0.00	38.87 2.02 0.00	47.16 2.94 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.51 0.61 -7.78	63.52 0.50 -26.61	50.64 0.41 -22.31	62.68 0.43 -35.30	71.68 0.45 -42.97	110.51 0.68 -79.75	89.31 1.14 -51.41	91.75 0.65 -73.05	63.48 1.90 0.00	54.95 1.46 0.00	50.93 1.46 0.00	40.47 1.14 0.00	40.59 1.00 0.00	41.02 1.03 0.00	38.55 1.03 0.00	38.08 0.99 0.00	43.30 1.06 0.00	52.20 1.66 -0.23	94.81 3.31 -5.10	86.47 2.94 0.00	56.02 1.75 0.00	42.29 1.30 0.00	38.06 1.20 0.00	45.44 1.22 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.18 0.94 -8.12	64.98 0.80 -27.77	51.85 0.65 -23.28	64.43 0.65 -36.83	73.75 0.66 -44.83	114.08 0.80 -83.21	91.78 1.39 -53.64	95.09 0.83 -76.21	64.21 2.63 0.00	55.60 2.11 0.00	51.39 1.93 0.00	40.89 1.56 0.00	40.99 1.40 0.00	41.40 1.42 0.00	38.93 1.41 0.00	38.49 1.41 0.00	43.78 1.54 0.00	52.67 2.12 -0.24	95.70 3.95 -5.35	86.97 3.45 0.00	56.32 2.05 0.00	42.54 1.55 0.00	38.27 1.42 0.00	45.58 1.36 0.00
W50THST__13_KV_LOAD 356117	46.35 1.11 -8.12	65.13 0.96 -27.77	51.98 0.78 -23.28	64.55 0.77 -36.83	73.89 0.80 -44.83	114.22 0.94 -83.21	91.99 1.59 -53.64	95.21 0.94 -76.21	64.65 3.06 0.00	55.99 2.51 0.00	51.74 2.27 0.00	41.15 1.82 0.00	41.26 1.67 0.00	41.67 1.69 0.00	39.18 1.65 0.00	38.73 1.64 0.00	44.05 1.81 0.00	53.01 2.46 -0.24	96.20 4.45 -5.35	87.32 3.79 0.00	56.54 2.27 0.00	42.68 1.69 0.00	38.40 1.55 0.00	45.71 1.49 0.00
WADING RIVER_IC_1 23522	47.62 2.38 -8.12	66.30 2.14 -27.76	52.94 1.75 -23.28	65.55 1.77 -36.82	74.94 1.85 -44.82	115.25 1.98 -83.19	93.25 2.86 -53.63	95.75 1.50 -76.20	66.31 4.72 0.00	56.96 3.47 0.00	52.46 3.00 0.00	41.47 2.14 0.00	41.44 1.85 0.00	42.23 2.24 0.00	40.02 2.49 0.00	39.44 2.36 0.00	45.28 3.04 0.00	54.58 4.03 -0.24	98.89 7.13 -5.35	90.42 6.90 0.00	58.33 4.06 0.00	43.88 2.89 0.00	39.48 2.63 0.00	46.84 2.62 0.00
WADING RIVER_IC_2 23547	47.62 2.38 -8.12	66.30 2.14 -27.76	52.94 1.75 -23.28	65.55 1.77 -36.82	74.94 1.85 -44.82	115.25 1.98 -83.19	93.25 2.86 -53.63	95.75 1.50 -76.20	66.31 4.72 0.00	56.96 3.47 0.00	52.46 3.00 0.00	41.47 2.14 0.00	41.44 1.85 0.00	42.23 2.24 0.00	40.02 2.49 0.00	39.44 2.36 0.00	45.28 3.04 0.00	54.58 4.03 -0.24	98.89 7.13 -5.35	90.42 6.90 0.00	58.33 4.06 0.00	43.88 2.89 0.00	39.48 2.63 0.00	46.84 2.62 0.00
WADING RIVER_IC_3 23601	47.62 2.38 -8.12	66.30 2.14 -27.76	52.94 1.75 -23.28	65.55 1.77 -36.82	74.94 1.85 -44.82	115.25 1.98 -83.19	93.25 2.86 -53.63	95.75 1.50 -76.20	66.31 4.72 0.00	56.96 3.47 0.00	52.46 3.00 0.00	41.47 2.14 0.00	41.44 1.85 0.00	42.23 2.24 0.00	40.02 2.49 0.00	39.44 2.36 0.00	45.28 3.04 0.00	54.58 4.03 -0.24	98.89 7.13 -5.35	90.42 6.90 0.00	58.33 4.06 0.00	43.88 2.89 0.00	39.48 2.63 0.00	46.84 2.62 0.00
WALDENNY_12_KV_BK2 80841	36.02 -2.59 -1.48	39.14 -2.34 -5.07	30.33 -1.84 -4.25	31.84 -1.84 -6.73	34.70 -1.75 -8.19	43.47 -1.81 -15.20	44.22 -2.07 -9.53	30.72 -1.23 -13.89	57.83 -3.75 0.00	50.49 -3.31 -0.31	47.18 -2.46 -0.18	37.83 -1.50 0.00	38.35 -1.24 0.00	38.51 -1.47 0.00	36.01 -1.52 0.00	34.65 -1.76 0.67	40.60 -1.65 0.00	48.20 -2.11 0.00	82.60 -3.79 0.00	80.53 -2.99 0.00	52.58 -1.69 0.00	39.16 -1.83 0.00	35.13 -1.72 0.00	42.18 -2.04 0.00
WALDEN__HYDRO 24148	45.78 0.85 -7.80	63.85 0.76 -26.68	50.89 0.60 -22.37	62.94 0.60 -35.39	71.98 0.64 -43.08	110.86 0.82 -79.95	89.59 1.29 -51.54	92.00 0.72 -73.24	63.74 2.16 0.00	55.09 1.61 0.00	50.95 1.48 0.00	40.45 1.12 0.00	40.68 1.09 0.00	41.11 1.13 0.00	38.64 1.11 0.00	38.19 1.10 0.00	43.44 1.20 0.00	52.34 1.79 -0.23	95.19 3.57 -5.23	86.74 3.22 0.00	56.17 1.90 0.00	42.40 1.41 0.00	38.12 1.27 0.00	45.52 1.30 0.00
WARRENSBURG____ 23737	51.18 3.94 -10.11	74.90 3.91 -34.59	59.90 2.99 -29.00	75.71 2.88 -45.87	87.20 3.10 -55.84	136.94 3.22 -103.64	107.63 4.06 -66.81	115.06 2.04 -94.97	68.17 6.58 0.00	59.15 5.67 0.00	54.30 4.84 0.00	43.06 3.73 0.00	43.50 3.91 0.00	43.96 3.98 0.00	40.71 3.18 0.00	40.74 3.66 0.00	46.96 4.72 0.00	58.84 6.09 -2.44	151.12 10.61 -54.11	93.47 9.95 0.00	60.35 6.08 0.00	45.48 4.50 0.00	40.77 3.92 0.00	48.98 4.76 0.00
WATERSIDE____6 8 9 23538	43.26 1.06 -5.09	65.05 0.88 -27.77	50.27 0.75 -21.61	64.05 0.71 -36.39	73.35 0.72 -44.37	114.16 0.87 -83.21	91.89 1.48 -53.64	87.40 0.88 -68.48	44.73 2.84 19.70	52.89 2.28 2.88	49.93 2.13 1.66	37.74 1.75 3.33	37.85 1.58 3.32	37.09 1.57 4.46	35.45 1.56 3.64	34.78 1.52 3.83	33.13 1.71 10.83	49.39 2.33 3.24	91.84 4.24 -1.20	102.06 3.89 -14.65	61.98 2.32 -5.39	39.67 1.76 3.07	33.15 1.60 5.30	43.38 1.55 2.40
WATKINRD_115KV_LN8_ILLION 55919	37.72 0.46 -0.13	37.31 0.45 -0.46	28.65 0.35 -0.38	27.92 0.36 -0.61	29.38 0.38 -0.74	31.82 0.37 -1.37	38.15 0.51 -0.88	18.77 0.29 -0.43	62.44 0.85 0.00	54.15 0.66 0.00	50.02 0.56 0.00	39.68 0.35 0.00	39.92 0.33 0.00	40.22 0.24 0.00	37.53 0.00 0.00	37.28 0.20 0.00	42.60 0.35 0.00	50.98 0.67 0.00	87.83 1.43 0.00	84.63 1.11 0.00	54.89 0.62 0.00	41.46 0.48 0.00	37.20 0.35 0.00	44.61 0.39 0.00
WATSON____69_KV_BK 1 55734	47.47 2.23 -8.12	66.16 2.00 -27.76	52.83 1.64 -23.28	65.44 1.67 -36.82	74.82 1.74 -44.82	115.12 1.85 -83.19	93.10 2.71 -53.63	95.68 1.43 -76.20	66.14 4.55 0.00	56.84 3.36 0.00	52.44 2.98 0.00	41.47 2.15 0.00	41.43 1.84 0.00	42.27 2.29 0.00	40.01 2.48 0.00	39.40 2.32 0.00	45.21 2.96 0.00	54.45 3.90 -0.24	98.65 6.90 -5.35	90.10 6.58 0.00	58.12 3.85 0.00	43.77 2.78 0.00	39.40 2.55 0.00	46.79 2.57 0.00
WDELAWARE__HYD 323627	45.26 0.79 -7.35	62.23 0.69 -25.13	49.55 0.56 -21.07	60.85 0.57 -33.33	69.45 0.62 -40.58	106.20 0.81 -75.31	86.57 1.26 -48.55	87.73 0.70 -68.98	63.72 2.13 0.00	54.92 1.43 0.00	50.66 1.20 0.00	40.18 0.85 0.00	40.53 0.94 0.00	41.06 1.08 0.00	38.62 1.10 0.00	38.10 1.02 0.00	43.42 1.17 0.00	52.85 2.30 -0.24	96.34 4.49 -5.45	87.72 4.19 0.00	56.81 2.54 0.00	42.81 1.82 0.00	38.47 1.62 0.00	45.89 1.67 0.00

WEST BABYLON___IC 23714	47.23 1.99 -8.12	65.95 1.79 -27.76	52.66 1.47 -23.28	65.27 1.49 -36.82	74.62 1.54 -44.82	114.91 1.65 -83.19	92.85 2.46 -53.63	95.58 1.32 -76.20	65.79 4.20 0.00	56.57 3.09 0.00	52.22 2.76 0.00	41.34 2.01 0.00	41.33 1.75 0.00	42.14 2.16 0.00	39.82 2.29 0.00	39.22 2.14 0.00	44.98 2.73 0.00	54.16 3.61 -0.24	98.18 6.43 -5.35	89.58 6.05 0.00	57.80 3.53 0.00	43.56 2.57 0.00	39.23 2.38 0.00	46.62 2.40 0.00
WEST CANADA___HYD 24049	37.45 0.19 -0.13	37.05 0.18 -0.46	28.44 0.14 -0.38	27.70 0.14 -0.61	29.14 0.14 -0.74	31.60 0.15 -1.37	37.84 0.20 -0.88	18.60 0.13 -0.43	61.96 0.37 0.00	53.81 0.32 0.00	49.78 0.31 0.00	39.52 0.19 0.00	39.76 0.17 0.00	40.15 0.16 0.00	37.65 0.13 0.00	37.21 0.13 0.00	42.41 0.17 0.00	50.59 0.28 0.00	86.96 0.56 0.00	83.94 0.42 0.00	54.52 0.25 0.00	41.16 0.17 0.00	37.00 0.15 0.00	44.40 0.18 0.00
WESTERN_NY_WIND 24143	36.25 -2.19 -1.32	38.89 -2.01 -4.49	30.10 -1.59 -3.77	31.31 -1.61 -5.96	34.03 -1.49 -7.26	42.10 -1.45 -13.47	43.67 -1.51 -8.42	29.45 -0.91 -12.31	58.72 -2.86 0.00	51.01 -2.81 -0.33	47.48 -2.17 -0.19	37.90 -1.42 0.00	38.35 -1.24 0.00	38.44 -1.55 0.00	36.16 -1.36 0.00	34.81 -1.61 0.66	40.68 -1.56 0.00	48.51 -1.81 0.00	83.52 -2.87 0.00	81.35 -2.17 0.00	53.13 -1.14 0.00	39.63 -1.35 0.00	35.51 -1.34 0.00	42.61 -1.61 0.00
WESTOVER___LESR 323668	39.03 -0.77 -2.68	44.83 -0.75 -9.17	34.99 -0.62 -7.69	38.60 -0.52 -12.17	42.54 -0.54 -14.81	57.08 -0.49 -27.49	53.94 -0.55 -17.72	43.04 -0.23 -25.22	60.78 -0.80 0.00	52.64 -0.85 0.00	48.86 -0.61 0.00	38.96 -0.37 0.00	39.38 -0.21 0.00	39.50 -0.48 0.00	37.10 -0.42 0.00	36.51 -0.57 0.00	41.65 -0.59 0.00	49.95 -0.47 -0.11	88.17 -0.66 -2.44	82.98 -0.55 0.00	53.82 -0.46 0.00	40.40 -0.59 0.00	36.29 -0.56 0.00	43.40 -0.82 0.00
WETHRSFD_WT_PWR 323626	35.19 -3.65 -1.71	38.87 -3.39 -5.85	30.23 -2.59 -4.91	32.26 -2.45 -7.76	35.25 -2.46 -9.45	45.04 -2.58 -17.54	42.33 -3.24 -8.80	31.87 -1.66 -15.48	56.13 -5.46 0.00	48.65 -5.14 -0.30	45.33 -4.31 -0.17	36.51 -2.82 0.00	37.12 -2.46 0.00	36.99 -2.99 0.00	34.71 -2.82 0.00	27.34 -3.51 6.24	38.82 -3.42 0.01	47.21 -3.16 -0.06	82.45 -5.37 -1.42	78.56 -4.96 0.00	50.65 -3.63 0.00	37.56 -3.42 0.00	33.45 -3.39 0.01	40.07 -4.15 0.00
WHAVSTOR_138KV_BK127 55557	45.38 0.46 -7.79	63.43 0.37 -26.66	50.57 0.30 -22.36	62.64 0.32 -35.37	71.66 0.35 -43.05	110.54 0.56 -79.90	89.27 1.00 -51.51	91.81 0.58 -73.19	63.24 1.65 0.00	54.74 1.25 0.00	50.73 1.27 0.00	40.31 0.98 0.00	40.43 0.84 0.00	40.85 0.87 0.00	38.40 0.87 0.00	37.94 0.85 0.00	43.14 0.89 0.00	51.97 1.43 -0.23	94.42 2.90 -5.12	86.09 2.56 0.00	55.77 1.50 0.00	42.12 1.13 0.00	37.91 1.05 0.00	45.27 1.05 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.38 0.46 -7.79	63.43 0.37 -26.66	50.57 0.30 -22.36	62.64 0.32 -35.37	71.66 0.35 -43.05	110.54 0.56 -79.90	89.27 1.00 -51.51	91.81 0.58 -73.19	63.24 1.65 0.00	54.74 1.25 0.00	50.73 1.27 0.00	40.31 0.98 0.00	40.43 0.84 0.00	40.85 0.87 0.00	38.40 0.87 0.00	37.94 0.85 0.00	43.14 0.89 0.00	51.97 1.43 -0.23	94.42 2.90 -5.12	86.09 2.56 0.00	55.77 1.50 0.00	42.12 1.13 0.00	37.91 1.05 0.00	45.27 1.05 0.00
WHITEHAL_115KV_TB1 80871	52.26 5.04 -10.11	76.02 5.05 -34.57	60.75 3.85 -28.98	76.45 3.65 -45.85	87.98 3.91 -55.81	137.41 3.75 -103.59	108.17 4.63 -66.78	115.27 2.29 -94.92	68.73 7.14 0.00	59.92 6.44 0.00	54.90 5.44 0.00	43.47 4.14 0.00	44.32 4.73 0.00	45.12 5.14 0.00	41.53 4.00 0.00	41.74 4.65 0.00	48.38 6.14 0.00	60.61 7.88 -2.43	153.97 13.70 -53.87	96.44 12.92 0.00	62.11 7.84 0.00	46.78 5.79 0.00	41.96 5.11 0.00	50.42 6.20 0.00
WHITEPLN_13_KV_LOAD 356215	46.48 1.26 -8.10	65.25 1.13 -27.71	52.04 0.89 -23.23	64.58 0.88 -36.75	73.91 0.91 -44.74	114.21 1.10 -83.03	92.01 1.72 -53.53	95.09 0.98 -76.06	64.73 3.14 0.00	56.00 2.52 0.00	51.76 2.29 0.00	41.14 1.81 0.00	41.24 1.65 0.00	41.69 1.70 0.00	39.18 1.65 0.00	38.76 1.67 0.00	44.14 1.90 0.00	53.14 2.59 -0.24	96.59 4.85 -5.35	87.88 4.36 0.00	56.90 2.63 0.00	42.93 1.95 0.00	38.60 1.75 0.00	46.00 1.77 0.00
WM_FLOYD_69_KV_BK2 356380	47.35 2.12 -8.12	66.05 1.88 -27.76	52.75 1.56 -23.28	65.38 1.61 -36.82	74.74 1.66 -44.82	115.03 1.76 -83.19	92.97 2.57 -53.63	95.61 1.36 -76.20	65.79 4.20 0.00	56.47 2.98 0.00	52.01 2.55 0.00	41.08 1.75 0.00	40.94 1.35 0.00	41.83 1.85 0.00	39.68 2.16 0.00	39.06 1.97 0.00	44.87 2.62 0.00	54.04 3.49 -0.24	97.80 6.05 -5.35	89.47 5.95 0.00	57.70 3.43 0.00	43.44 2.45 0.00	39.14 2.29 0.00	46.46 2.24 0.00
WOODARD___115KV_TB2 355635	36.92 -1.12 -0.92	38.43 -1.11 -3.14	29.68 -0.86 -2.63	30.31 -0.80 -4.16	32.48 -0.82 -5.07	38.66 -0.82 -9.40	41.94 -0.89 -6.06	26.35 -0.39 -8.69	60.04 -1.55 0.00	52.73 -1.43 -0.67	48.57 -1.28 -0.38	38.35 -0.97 0.00	38.63 -0.95 0.00	38.88 -1.11 0.00	36.56 -0.97 0.00	36.11 -0.98 0.00	41.31 -0.94 0.00	49.29 -1.02 0.00	84.61 -1.79 0.00	81.85 -1.67 0.00	53.13 -1.14 0.00	40.00 -0.99 0.00	35.89 -0.97 0.00	42.99 -1.23 0.00
YORK___WARBASSE 23770	61.67 1.30 -23.24	65.19 1.02 -27.77	60.44 0.89 -31.63	66.83 0.84 -39.03	76.30 0.86 -47.18	114.33 1.04 -83.21	92.09 1.68 -53.65	133.88 0.99 -114.85	163.10 3.25 -98.27	70.51 2.68 -14.34	60.29 2.51 -8.31	58.03 2.05 -16.66	58.05 1.89 -16.57	64.13 1.88 -22.26	57.52 1.81 -18.18	57.96 1.77 -19.11	98.29 2.04 -54.01	70.60 2.67 -17.62	117.26 4.76 -26.09	173.53 4.53 -85.48	100.78 2.73 -43.77	59.72 2.08 -16.66	65.21 1.89 -26.47	58.09 1.90 -11.96