

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/06/2025			
Generator Data																									
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		47.67	36.82	34.43	32.12	29.70	28.91	41.65	41.91	44.37	44.72	43.81	45.90	46.00	51.35	66.99	77.48	94.50	199.80	53.18	50.49	56.06	57.28	46.54	40.73
		2.11	2.13	2.05	1.94	1.72	1.59	2.30	2.48	2.70	2.66	2.60	2.68	2.78	3.31	4.78	5.33	6.59	3.49	2.98	2.59	3.14	3.21	2.49	2.09
		-7.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-143.81	-0.34	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24260	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		47.79	36.93	34.52	32.19	29.77	28.97	41.72	41.95	44.40	44.74	43.83	45.93	46.04	51.42	67.08	77.60	94.64	199.94	53.28	50.62	56.21	57.43	46.66	40.81
		2.23	2.23	2.13	2.02	1.79	1.66	2.37	2.52	2.73	2.69	2.61	2.71	2.82	3.37	4.86	5.45	6.72	3.60	3.08	2.72	3.29	3.36	2.61	2.18
		-7.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-143.84	-0.34	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24261	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		47.79	36.93	34.52	32.19	29.77	28.97	41.72	41.95	44.40	44.74	43.83	45.93	46.04	51.42	67.08	77.60	94.64	199.94	53.28	50.62	56.21	57.43	46.66	40.81
		2.23	2.23	2.13	2.02	1.79	1.66	2.37	2.52	2.73	2.69	2.61	2.71	2.82	3.37	4.86	5.45	6.72	3.60	3.08	2.72	3.29	3.36	2.61	2.18
		-7.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-143.84	-0.34	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	24011	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		236.90	37.04	34.56	32.38	29.97	29.32	42.02	41.41	43.51	43.92	42.70	44.57	44.43	50.08	65.36	76.06	92.12	54.91	51.92	49.77	55.11	56.46	45.77	40.33
		2.62	2.34	2.18	2.20	2.00	2.00	2.67	1.98	1.85	1.86	1.48	1.36	1.22	2.03	3.14	3.91	4.21	2.41	2.06	1.86	2.20	2.38	1.72	1.69
		-195.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23798	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		231.41	37.23	34.69	32.55	30.11	29.48	42.33	41.65	43.63	44.05	42.76	44.67	44.49	50.31	65.67	76.53	92.79	55.26	52.31	50.10	55.53	56.80	45.98	40.56
		2.85	2.53	2.30	2.37	2.13	2.16	2.98	2.23	1.96	1.99	1.54	1.45	1.28	2.26	3.46	4.39	4.88	2.76	2.45	2.20	2.61	2.73	1.93	1.92
		-190.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	24028	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		236.90	37.04	34.56	32.38	29.97	29.32	42.02	41.41	43.51	43.92	42.70	44.57	44.43	50.08	65.36	76.06	92.12	54.91	51.92	49.77	55.11	56.46	45.77	40.33
		2.62	2.34	2.18	2.20	2.00	2.00	2.67	1.98	1.85	1.86	1.48	1.36	1.22	2.03	3.14	3.91	4.21	2.41	2.06	1.86	2.20	2.38	1.72	1.69
		-195.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23527	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		324.51	36.80	34.52	32.29	29.90	29.09	41.60	41.13	43.48	43.90	42.89	44.49	43.94	49.12	63.85	74.35	90.85	86.56	51.59	49.43	54.88	56.25	45.82	40.32
		2.43	2.10	2.14	2.12	1.93	1.77	2.25	1.71	1.82	1.84	1.67	1.27	0.72	1.07	1.64	2.21	2.94	1.94	1.65	1.53	1.97	2.19	1.77	1.69
		-283.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-32.13	-0.08	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24190	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		23.59	34.62	32.54	30.40	28.16	27.44	39.27	39.28	41.41	41.67	40.76	42.68	42.73	47.66	61.95	71.96	87.71	47.71	49.54	47.58	52.60	53.72	43.71	38.32
		-0.18	-0.08	0.16	0.22	0.18	0.12	-0.08	-0.15	-0.25	-0.39	-0.46	-0.54	-0.49	-0.39	-0.26	-0.18	-0.20	-0.12	-0.31	-0.33	-0.31	-0.35	-0.34	-0.31
		14.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	4.67	0.01	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	355683	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		38.55	34.68	32.23	29.97	27.81	27.26	39.54	39.82	42.07	42.59	41.73	43.74	43.77	48.52	62.87	72.94	89.12	53.18	50.55	48.75	53.75	54.90	44.78	39.21
		0.19	-0.02	-0.15	-0.21	-0.16	-0.06	0.19	0.39	0.40	0.53	0.51	0.53	0.56	0.48	0.65	0.79	1.19	0.68	0.68	0.85	0.84	0.83	0.72	0.58
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		32.85	35.42	33.25	31.06	28.78	28.06	40.20	40.17	42.32	42.42	41.22	43.07	43.09	48.07	62.82	73.45	89.61	56.65	50.54	48.57	53.74	54.92	44.71	39.19
		0.69	0.72	0.86	0.89	0.80	0.74	0.85	0.74	0.66	0.36	0.00	-0.15	-0.12	0.02	0.61	1.31	1.70	1.01	0.67	0.67	0.83	0.85	0.66	0.56
		6.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-3.14	-0.01	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	323834	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		32.85	35.40	33.24	31.05	28.76	28.06	40.19	40.16	42.31	42.41	41.22	43.05	43.09	48.06	62.81	73.43	89.57	56.56	50.53	48.56	53.73	54.91	44.70	39.19
		0.67	0.70	0.86	0.87	0.79	0.73	0.84	0.74	0.65	0.35	0.00	-0.17	-0.12	0.01	0.59	1.29	1.66	1.00	0.66	0.66	0.82	0.84	0.65	0.55
		6.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-3.06	-0.01	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23571	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		23.59	34.62	32.54	30.40	28.16	27.44	39.27	39.28	41.41	41.67	40.76	42.68	42.73	47.66	61.95	71.96	87.71	47.71	49.54	47.58	52.60	53.72	43.71	38.32
		-0.18	-0.08	0.16	0.22	0.18	0.12	-0.08	-0.15	-0.25	-0.39	-0.46	-0.54	-0.49	-0.39	-0.26	-0.18	-0.20	-0.12	-0.31	-0.33	-0.31	-0.35	-0.34	-0.31
		14.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	4.67	0.01	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	23.59 -0.18 14.58	34.62 -0.08 0.00	32.54 0.16 0.00	30.40 0.22 0.00	28.16 0.18 0.00	27.44 0.12 0.00	39.27 -0.08 0.00	39.28 -0.15 0.00	41.41 -0.25 0.00	41.67 -0.39 0.00	40.76 -0.46 0.00	42.68 -0.54 0.00	42.73 -0.49 0.00	47.66 -0.39 0.00	61.95 -0.26 0.00	71.96 -0.18 0.00	87.71 -0.20 0.02	47.71 -0.12 4.67	49.54 -0.31 0.01	47.58 -0.33 0.00	52.60 -0.31 0.00	53.72 -0.35 0.00	43.71 -0.34 0.00	38.32 -0.31 0.00
ALBANY___3 23573	23.59 -0.18 14.58	34.62 -0.08 0.00	32.54 0.16 0.00	30.40 0.22 0.00	28.16 0.18 0.00	27.44 0.12 0.00	39.27 -0.08 0.00	39.28 -0.15 0.00	41.41 -0.25 0.00	41.67 -0.39 0.00	40.76 -0.46 0.00	42.68 -0.54 0.00	42.73 -0.49 0.00	47.66 -0.39 0.00	61.95 -0.26 0.00	71.96 -0.18 0.00	87.71 -0.20 0.02	47.71 -0.12 4.67	49.54 -0.31 0.01	47.58 -0.33 0.00	52.60 -0.31 0.00	53.72 -0.35 0.00	43.71 -0.34 0.00	38.32 -0.31 0.00
ALBANY___4 23574	23.59 -0.18 14.58	34.62 -0.08 0.00	32.54 0.16 0.00	30.40 0.22 0.00	28.16 0.18 0.00	27.44 0.12 0.00	39.27 -0.08 0.00	39.28 -0.15 0.00	41.41 -0.25 0.00	41.67 -0.39 0.00	40.76 -0.46 0.00	42.68 -0.54 0.00	42.73 -0.49 0.00	47.66 -0.39 0.00	61.95 -0.26 0.00	71.96 -0.18 0.00	87.71 -0.20 0.02	47.71 -0.12 4.67	49.54 -0.31 0.01	47.58 -0.33 0.00	52.60 -0.31 0.00	53.72 -0.35 0.00	43.71 -0.34 0.00	38.32 -0.31 0.00
ALBANY___LFGE 323615	38.36 0.29 0.28	35.04 0.34 0.00	32.90 0.51 0.00	30.71 0.54 0.00	28.45 0.48 0.00	27.74 0.41 0.00	39.72 0.37 0.00	39.74 0.31 0.00	41.76 0.10 0.00	42.01 -0.05 0.00	41.09 -0.13 0.00	43.01 -0.20 0.00	43.08 -0.13 0.00	48.09 0.04 0.00	62.51 0.30 0.00	72.71 0.56 0.00	88.84 0.93 0.02	49.59 0.54 3.45	50.13 0.28 0.01	48.15 0.25 0.00	53.22 0.31 0.00	54.37 0.30 0.00	44.21 0.16 0.00	38.74 0.10 0.00
ALCOA_PA_115KV_PL-6C 55860	38.66 0.31 0.00	34.78 0.08 0.00	32.32 -0.07 0.00	30.05 -0.13 0.00	27.88 -0.09 0.00	27.33 0.00 0.00	39.71 0.36 0.00	39.96 0.53 0.00	42.15 0.49 0.00	42.71 0.65 0.00	41.83 0.61 0.00	43.84 0.63 0.00	43.91 0.69 0.00	48.59 0.54 0.00	63.03 0.82 0.00	72.94 0.80 0.00	89.15 1.21 0.00	53.18 0.68 0.00	50.75 0.89 0.00	48.90 1.00 0.00	53.91 1.00 0.00	55.14 1.07 0.00	44.97 0.92 0.00	39.33 0.70 0.00
ALCOA_RYNLDS___DRP 24188	38.66 0.31 0.00	34.78 0.08 0.00	32.32 -0.07 0.00	30.05 -0.13 0.00	27.88 -0.09 0.00	27.33 0.00 0.00	39.71 0.36 0.00	39.96 0.53 0.00	42.15 0.49 0.00	42.71 0.65 0.00	41.83 0.61 0.00	43.84 0.63 0.00	43.91 0.69 0.00	48.59 0.54 0.00	63.03 0.82 0.00	72.94 0.80 0.00	89.15 1.21 0.00	53.18 0.68 0.00	50.75 0.89 0.00	48.90 1.00 0.00	53.91 1.00 0.00	55.14 1.07 0.00	44.97 0.92 0.00	39.33 0.70 0.00
ALCOA___DSASP 323711	38.66 0.31 0.00	34.78 0.08 0.00	32.32 -0.06 0.00	30.05 -0.13 0.00	27.88 -0.09 0.00	27.33 0.00 0.00	39.71 0.36 0.00	39.96 0.53 0.00	42.16 0.49 0.00	42.71 0.65 0.00	41.83 0.61 0.00	43.84 0.63 0.00	43.91 0.69 0.00	48.59 0.54 0.00	63.03 0.81 0.00	72.94 0.80 0.00	89.15 1.21 0.00	53.18 0.68 0.00	50.74 0.88 0.00	48.90 1.00 0.00	53.91 1.00 0.00	55.14 1.07 0.00	44.98 0.92 0.00	39.33 0.70 0.00
ALLEGHENY___COGEN 23514	39.82 1.47 0.00	36.19 1.50 0.00	33.54 1.16 0.00	31.28 1.10 0.00	29.04 1.07 0.00	28.43 1.12 0.00	40.85 1.50 0.00	40.78 1.35 0.00	43.30 1.63 0.00	43.43 1.36 0.00	42.49 1.27 0.00	44.27 1.05 0.00	43.91 0.69 0.00	48.37 0.33 0.00	61.97 -0.25 0.00	72.15 0.00 0.00	87.75 -0.19 0.00	55.48 -0.27 -3.25	50.35 0.48 -0.01	48.91 1.01 0.00	53.99 1.07 0.00	55.37 1.30 0.00	44.89 0.83 0.00	39.45 0.81 0.00
ALTAMONT_115KV_TB 2 55880	45.68 0.41 -6.93	35.08 0.38 0.00	32.90 0.52 0.00	30.76 0.58 0.00	28.48 0.51 0.00	27.76 0.44 0.00	39.82 0.47 0.00	39.85 0.42 0.00	42.05 0.39 0.00	42.34 0.28 0.00	41.41 0.19 0.00	43.34 0.12 0.00	43.37 0.15 0.00	48.35 0.30 0.00	62.87 0.66 0.00	72.97 0.83 0.00	88.90 0.99 0.02	44.63 0.56 8.43	50.24 0.40 0.02	48.25 0.35 0.00	53.36 0.45 0.00	54.53 0.46 0.00	44.37 0.32 0.00	38.91 0.28 0.00
ALTONA_WT_PWR 323606	38.93 0.58 0.00	35.06 0.36 0.00	32.55 0.17 0.00	30.28 0.10 0.00	28.09 0.11 0.00	27.57 0.25 0.00	39.92 0.57 0.00	40.21 0.78 0.00	42.46 0.79 0.00	42.99 0.93 0.00	42.07 0.85 0.00	44.11 0.89 0.00	44.11 0.89 0.00	49.04 1.00 0.00	63.66 1.45 0.00	73.78 1.64 0.00	90.16 2.23 0.00	53.74 1.24 0.00	51.33 1.47 0.00	49.47 1.57 0.00	54.45 1.54 0.00	55.58 1.51 0.00	45.35 1.29 0.00	39.69 1.05 0.00
AMERICAN_REF_FUEL 24010	37.50 -0.86 0.00	34.15 -0.55 0.00	31.56 -0.82 0.00	29.40 -0.77 0.00	27.33 -0.65 0.00	26.64 -0.68 0.00	38.00 -1.35 0.00	37.41 -2.02 0.00	39.84 -1.82 0.00	40.07 -2.00 0.00	39.58 -1.64 0.00	41.55 -1.67 0.00	41.32 -1.90 0.00	45.40 -2.65 0.00	57.91 -4.30 0.00	67.72 -4.43 0.00	82.18 -5.75 0.00	48.80 -3.70 0.00	46.40 -3.46 0.00	44.87 -3.03 0.00	49.02 -3.89 0.00	50.30 -3.77 0.00	41.03 -3.02 0.00	36.44 -2.20 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.99 0.63 0.00	35.53 0.83 0.00	32.88 0.50 0.00	30.72 0.54 0.00	28.50 0.53 0.00	27.93 0.60 0.00	39.97 0.62 0.00	39.87 0.45 0.00	42.27 0.61 0.00	42.46 0.40 0.00	42.00 0.78 0.00	44.08 0.86 0.00	43.88 0.66 0.00	48.65 0.61 0.00	62.02 -0.20 0.00	72.20 0.06 0.00	87.51 -0.41 0.02	55.02 -0.75 -3.27	49.34 -0.53 -0.01	47.49 -0.41 0.00	52.06 -0.85 0.00	53.39 -0.68 0.00	43.34 -0.71 0.00	38.24 -0.40 0.00
ARTHUR KILL_GT_1 23520	47.41 1.85 -7.21	36.90 2.21 0.00	34.50 2.12 0.00	32.21 2.03 0.00	29.76 1.79 0.00	28.95 1.63 0.00	41.58 2.23 0.00	41.68 2.25 0.00	43.89 2.22 0.00	44.21 2.16 0.01	43.47 2.26 0.00	45.52 2.30 0.00	45.65 2.44 0.00	51.03 2.99 0.00	66.66 4.45 0.00	77.09 4.95 0.00	94.20 6.29 0.02	100.45 3.05 -44.89	52.41 2.47 -0.09	50.07 2.17 0.00	83.00 3.09 -27.00	70.99 3.47 -13.44	46.60 2.53 -0.02	47.58 2.06 -6.88
ARTHUR_KILL_2 23512	47.27 1.70 -7.21	36.78 2.08 0.00	34.40 2.01 0.00	32.10 1.93 0.00	29.67 1.70 0.00	28.86 1.54 0.00	41.45 2.10 0.00	41.55 2.13 0.00	43.75 2.08 0.00	44.07 2.01 0.01	43.33 2.11 0.00	45.35 2.14 0.01	45.50 2.29 0.00	50.87 2.82 0.00	66.44 4.22 0.00	76.83 4.68 0.00	93.78 5.87 0.02	100.18 2.79 -44.89	52.20 2.26 -0.08	49.86 1.96 0.01	82.77 2.85 -27.00	70.77 3.25 -13.44	46.42 2.35 -0.02	47.43 1.91 -6.88
ARTHUR_KILL_3 23513	47.21 1.65 -7.21	36.42 1.73 0.00	34.08 1.70 0.00	31.80 1.62 0.00	29.38 1.41 0.00	28.60 1.28 0.00	41.15 1.80 0.00	41.38 1.95 0.00	43.75 2.09 0.00	44.03 1.98 0.01	43.13 1.91 0.00	45.17 1.95 0.00	45.27 2.05 0.00	50.59 2.54 0.00	66.00 3.79 0.00	76.29 4.15 0.00	93.01 5.10 0.02	99.98 2.61 -44.88	52.13 2.18 -0.09	49.81 1.91 0.00	67.97 2.51 -12.54	62.89 2.58 -6.24	46.07 2.01 -0.01	45.20 1.65 -4.92

ARTHUR_KILL_COGEN 323718	47.41 1.85 -7.21	36.90 2.21 0.00	34.50 2.12 0.00	32.21 2.03 0.00	29.76 1.79 0.00	28.95 1.63 0.00	41.58 2.23 0.00	41.68 2.25 0.00	43.89 2.22 0.00	44.20 2.15 0.01	43.47 2.25 0.00	45.51 2.29 0.01	45.65 2.44 0.00	51.03 2.99 0.00	66.66 4.45 0.00	77.09 4.95 0.00	94.20 6.29 0.02	100.44 3.05 -44.89	52.41 2.47 -0.08	50.05 2.16 0.01	83.00 3.08 -27.00	70.99 3.48 -13.44	46.60 2.53 -0.02	47.58 2.06 -6.88
ASHOKAN____ 23654	40.47 2.83 0.70	37.19 2.49 0.00	34.78 2.40 0.00	32.39 2.22 0.00	29.95 1.97 0.00	29.18 1.86 0.00	42.00 2.65 0.00	42.21 2.79 0.00	44.61 2.94 0.00	44.85 2.79 0.01	43.64 2.42 0.00	45.52 2.30 0.00	45.65 2.44 0.00	51.31 3.27 0.00	67.72 5.51 0.00	79.08 6.94 0.00	96.05 8.13 0.02	110.88 4.83 -53.56	53.69 3.70 -0.13	51.30 3.40 0.00	56.77 3.86 0.00	57.96 3.89 0.00	46.96 2.91 0.00	40.95 2.32 0.00
ASTORIA_EAST_ENERGY_CC1 323581	47.34 1.78 -7.21	36.64 1.94 0.00	34.25 1.87 0.00	31.95 1.78 0.00	29.55 1.58 0.00	28.74 1.42 0.00	41.28 1.93 0.00	41.55 2.13 0.00	43.98 2.31 0.00	44.22 2.16 0.01	43.35 2.13 0.00	45.45 2.23 0.00	45.53 2.32 0.00	50.82 2.77 0.00	66.37 4.15 0.00	76.72 4.58 0.00	93.54 5.63 0.02	199.34 3.00 -143.84	52.79 2.58 -0.34	50.16 2.27 0.00	55.81 2.90 0.00	57.02 2.95 0.00	46.28 2.23 0.00	40.52 1.88 0.00
ASTORIA_EAST_ENERGY_CC2 323582	47.34 1.78 -7.21	36.64 1.94 0.00	34.25 1.87 0.00	31.95 1.78 0.00	29.55 1.58 0.00	28.74 1.42 0.00	41.28 1.93 0.00	41.55 2.13 0.00	43.98 2.31 0.00	44.22 2.16 0.01	43.35 2.13 0.00	45.45 2.23 0.00	45.53 2.32 0.00	50.82 2.77 0.00	66.37 4.15 0.00	76.72 4.58 0.00	93.54 5.63 0.02	199.34 3.00 -143.84	52.79 2.58 -0.34	50.16 2.27 0.00	55.81 2.90 0.00	57.02 2.95 0.00	46.28 2.23 0.00	40.52 1.88 0.00
ASTORIA_GT2_1 24094	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT2_2 24095	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT2_3 24096	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT2_4 24097	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT3_1 24098	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT3_2 24099	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT3_3 24100	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT3_4 24101	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT4_1 24102	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT4_2 24103	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT4_3 24104	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00

ASTORIA_GT4_4 24105	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.33 0.00	44.25 2.19 0.01	43.38 2.16 0.00	45.47 2.25 0.00	45.56 2.34 0.00	50.86 2.81 0.00	66.41 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.38 3.04 -143.84	52.82 2.62 -0.34	50.19 2.29 0.00	55.84 2.92 0.00	57.05 2.98 0.00	46.31 2.26 0.00	40.54 1.90 0.00
ASTORIA_GT_1 23523	47.45 1.89 -7.21	36.73 2.04 0.00	34.34 1.96 0.00	32.02 1.84 0.00	29.61 1.64 0.00	28.81 1.49 0.00	41.38 2.03 0.00	41.67 2.24 0.00	44.10 2.43 0.00	44.34 2.28 0.01	43.49 2.27 0.00	45.58 2.37 0.00	45.68 2.46 0.00	50.99 2.94 0.00	66.58 4.37 0.00	76.95 4.81 0.00	93.81 5.90 0.02	199.50 3.16 -143.84	52.94 2.73 -0.34	50.31 2.41 0.00	55.97 3.05 0.00	57.18 3.11 0.00	46.41 2.36 0.00	40.62 1.99 0.00
ASTORIA_GT_10 24110	47.40 1.84 -7.21	36.64 1.95 0.00	34.26 1.87 0.00	31.94 1.77 0.00	29.54 1.57 0.00	28.75 1.43 0.00	41.36 2.01 0.00	41.60 2.18 0.00	44.02 2.35 0.00	44.34 2.29 0.01	43.44 2.22 0.00	45.50 2.28 0.00	45.60 2.38 0.00	50.87 2.83 0.00	66.40 4.19 0.00	76.75 4.61 0.00	93.57 5.66 0.02	199.28 2.94 -143.84	52.68 2.48 -0.34	50.06 2.16 0.00	55.66 2.75 0.00	56.87 2.80 0.00	46.22 2.17 0.00	38.67 1.85 1.81
ASTORIA_GT_11 24225	47.40 1.84 -7.21	36.64 1.95 0.00	34.26 1.87 0.00	31.94 1.77 0.00	29.54 1.57 0.00	28.75 1.43 0.00	41.36 2.01 0.00	41.60 2.18 0.00	44.02 2.35 0.00	44.34 2.29 0.01	43.44 2.22 0.00	45.50 2.28 0.00	45.60 2.38 0.00	50.87 2.83 0.00	66.40 4.19 0.00	76.75 4.61 0.00	93.57 5.66 0.02	199.28 2.94 -143.84	52.68 2.48 -0.34	50.06 2.16 0.00	55.66 2.75 0.00	56.87 2.80 0.00	46.22 2.17 0.00	38.67 1.85 1.81
ASTORIA_GT_12 24226	47.40 1.84 -7.21	36.64 1.95 0.00	34.26 1.87 0.00	31.94 1.77 0.00	29.54 1.57 0.00	28.75 1.43 0.00	41.36 2.01 0.00	41.60 2.18 0.00	44.02 2.35 0.00	44.34 2.29 0.01	43.44 2.22 0.00	45.50 2.28 0.00	45.60 2.38 0.00	50.87 2.83 0.00	66.40 4.19 0.00	76.75 4.61 0.00	93.57 5.66 0.02	199.28 2.94 -143.84	52.68 2.48 -0.34	50.06 2.16 0.00	55.66 2.75 0.00	56.87 2.80 0.00	46.22 2.17 0.00	38.67 1.85 1.81
ASTORIA_GT_13 24227	47.40 1.84 -7.21	36.64 1.95 0.00	34.26 1.87 0.00	31.94 1.77 0.00	29.54 1.57 0.00	28.75 1.43 0.00	41.36 2.01 0.00	41.60 2.18 0.00	44.02 2.35 0.00	44.34 2.29 0.01	43.44 2.22 0.00	45.50 2.28 0.00	45.60 2.38 0.00	50.87 2.83 0.00	66.40 4.19 0.00	76.75 4.61 0.00	93.57 5.66 0.02	199.28 2.94 -143.84	52.68 2.48 -0.34	50.06 2.16 0.00	55.66 2.75 0.00	56.87 2.80 0.00	46.22 2.17 0.00	38.67 1.85 1.81
ASTORIA_GT_5 24106	47.45 1.89 -7.21	36.73 2.04 0.00	34.34 1.96 0.00	32.02 1.84 0.00	29.61 1.64 0.00	28.81 1.49 0.00	41.38 2.03 0.00	41.67 2.24 0.00	44.10 2.43 0.00	44.34 2.28 0.01	43.49 2.27 0.00	45.58 2.37 0.00	45.68 2.46 0.00	50.99 2.94 0.00	66.58 4.37 0.00	76.95 4.81 0.00	93.81 5.90 0.02	199.50 3.16 -143.84	52.94 2.73 -0.34	50.31 2.41 0.00	55.97 3.05 0.00	57.18 3.11 0.00	46.41 2.36 0.00	40.62 1.99 0.00
ASTORIA_GT_7 24107	47.45 1.89 -7.21	36.73 2.04 0.00	34.34 1.96 0.00	32.02 1.84 0.00	29.61 1.64 0.00	28.81 1.49 0.00	41.38 2.03 0.00	41.67 2.24 0.00	44.10 2.43 0.00	44.34 2.28 0.01	43.49 2.27 0.00	45.58 2.37 0.00	45.68 2.46 0.00	50.99 2.94 0.00	66.58 4.37 0.00	76.95 4.81 0.00	93.81 5.90 0.02	199.50 3.16 -143.84	52.94 2.73 -0.34	50.31 2.41 0.00	55.97 3.05 0.00	57.18 3.11 0.00	46.41 2.36 0.00	40.62 1.99 0.00
ASTORIA_GT_8 24108	47.45 1.89 -7.21	36.73 2.04 0.00	34.34 1.96 0.00	32.02 1.84 0.00	29.61 1.64 0.00	28.81 1.49 0.00	41.38 2.03 0.00	41.67 2.24 0.00	44.10 2.43 0.00	44.34 2.28 0.01	43.49 2.27 0.00	45.58 2.37 0.00	45.68 2.46 0.00	50.99 2.94 0.00	66.58 4.37 0.00	76.95 4.81 0.00	93.81 5.90 0.02	199.50 3.16 -143.84	52.94 2.73 -0.34	50.31 2.41 0.00	55.97 3.05 0.00	57.18 3.11 0.00	46.41 2.36 0.00	40.62 1.99 0.00
ASTORIA___2 24149	47.37 1.80 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.96 1.79 0.00	29.56 1.59 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.58 2.15 0.00	44.00 2.34 0.00	44.23 2.17 0.01	43.38 2.16 0.00	45.47 2.24 0.00	45.55 2.34 0.00	50.85 2.81 0.00	66.42 4.20 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.37 3.04 -143.84	52.82 2.61 -0.34	50.19 2.29 0.00	55.83 2.92 0.00	57.04 2.97 0.00	46.30 2.25 0.00	40.53 1.90 0.00
ASTORIA___3 23516	47.40 1.84 -7.21	36.64 1.95 0.00	34.25 1.87 0.00	31.94 1.77 0.00	29.54 1.56 0.00	28.75 1.43 0.00	41.36 2.01 0.00	41.60 2.18 0.00	44.02 2.35 0.00	44.33 2.27 0.01	43.44 2.22 0.00	45.49 2.27 0.00	45.60 2.38 0.00	50.86 2.82 0.00	66.41 4.19 0.00	76.75 4.61 0.00	93.57 5.66 0.02	199.27 2.93 -143.84	52.68 2.47 -0.34	50.05 2.15 0.00	55.65 2.74 0.00	56.87 2.80 0.00	46.22 2.17 0.00	38.67 1.84 1.81
ASTORIA___4 23517	47.40 1.84 -7.21	36.64 1.95 0.00	34.26 1.87 0.00	31.94 1.77 0.00	29.54 1.57 0.00	28.75 1.43 0.00	41.36 2.01 0.00	41.60 2.18 0.00	44.02 2.35 0.00	44.34 2.29 0.01	43.44 2.22 0.00	45.50 2.28 0.00	45.60 2.38 0.00	50.87 2.83 0.00	66.40 4.19 0.00	76.75 4.61 0.00	93.57 5.66 0.02	199.28 2.94 -143.84	52.68 2.48 -0.34	50.05 2.15 0.00	55.65 2.74 0.00	56.87 2.80 0.00	46.22 2.17 0.00	38.67 1.85 1.81
ASTORIA___5 23518	47.40 1.84 -7.21	36.64 1.95 0.00	34.25 1.87 0.00	31.94 1.77 0.00	29.54 1.56 0.00	28.75 1.43 0.00	41.36 2.01 0.00	41.60 2.18 0.00	44.02 2.35 0.00	44.33 2.27 0.01	43.44 2.22 0.00	45.49 2.27 0.00	45.60 2.38 0.00	50.86 2.82 0.00	66.41 4.19 0.00	76.75 4.61 0.00	93.57 5.66 0.02	199.27 2.93 -143.84	52.68 2.47 -0.34	50.05 2.15 0.00	55.65 2.74 0.00	56.87 2.80 0.00	46.22 2.17 0.00	38.67 1.84 1.81
AST_ENERGY_2_CC3 323677	47.35 1.79 -7.21	36.53 1.83 0.00	34.16 1.77 0.00	31.86 1.69 0.00	29.47 1.49 0.00	28.68 1.36 0.00	41.27 1.92 0.00	41.48 2.05 0.00	43.88 2.21 0.00	44.20 2.15 0.01	43.28 2.06 0.00	45.34 2.13 0.00	45.45 2.24 0.00	50.77 2.73 0.00	66.24 4.03 0.00	76.62 4.48 0.00	93.47 5.56 0.02	199.24 2.91 -143.83	52.66 2.45 -0.34	50.02 2.12 0.00	55.56 2.64 0.00	56.81 2.74 0.00	46.18 2.13 0.00	40.39 1.75 0.00
AST_ENERGY_2_CC4 323678	47.35 1.79 -7.21	36.53 1.83 0.00	34.16 1.77 0.00	31.86 1.69 0.00	29.47 1.49 0.00	28.68 1.36 0.00	41.27 1.92 0.00	41.48 2.05 0.00	43.88 2.21 0.00	44.20 2.15 0.01	43.28 2.06 0.00	45.34 2.13 0.00	45.45 2.24 0.00	50.77 2.73 0.00	66.24 4.03 0.00	76.62 4.48 0.00	93.47 5.56 0.02	199.24 2.91 -143.83	52.66 2.45 -0.34	50.02 2.12 0.00	55.56 2.64 0.00	56.81 2.74 0.00	46.18 2.13 0.00	40.39 1.75 0.00

ATHENS_STG_1 23668	43.89 0.67 -4.87	35.45 0.75 0.00	33.22 0.84 0.00	30.97 0.80 0.00	28.67 0.70 0.00	27.93 0.60 0.00	40.06 0.72 0.00	40.10 0.67 0.00	42.34 0.68 0.00	42.66 0.61 0.01	41.76 0.54 0.00	43.72 0.50 0.00	43.75 0.54 0.00	48.78 0.73 0.00	63.38 1.16 0.00	73.41 1.27 0.00	89.47 1.56 0.02	15.03 0.91 38.37	50.50 0.73 0.09	48.51 0.61 0.00	53.69 0.78 0.00	54.87 0.80 0.00	44.66 0.60 0.00	39.16 0.52 0.00
ATHENS_STG_2 23670	43.89 0.67 -4.87	35.45 0.75 0.00	33.22 0.84 0.00	30.97 0.80 0.00	28.67 0.70 0.00	27.93 0.60 0.00	40.06 0.72 0.00	40.10 0.67 0.00	42.34 0.68 0.00	42.66 0.61 0.01	41.76 0.54 0.00	43.72 0.50 0.00	43.75 0.54 0.00	48.78 0.73 0.00	63.38 1.16 0.00	73.41 1.27 0.00	89.47 1.56 0.02	15.03 0.91 38.37	50.50 0.73 0.09	48.51 0.61 0.00	53.69 0.78 0.00	54.87 0.80 0.00	44.66 0.60 0.00	39.16 0.52 0.00
ATHENS_STG_3 23677	43.89 0.67 -4.87	35.45 0.75 0.00	33.22 0.84 0.00	30.97 0.80 0.00	28.67 0.70 0.00	27.93 0.60 0.00	40.06 0.72 0.00	40.10 0.67 0.00	42.34 0.68 0.00	42.66 0.61 0.01	41.76 0.54 0.00	43.72 0.50 0.00	43.75 0.54 0.00	48.78 0.73 0.00	63.38 1.16 0.00	73.41 1.27 0.00	89.47 1.56 0.02	15.03 0.91 38.37	50.50 0.73 0.09	48.51 0.61 0.00	53.69 0.78 0.00	54.87 0.80 0.00	44.66 0.60 0.00	39.16 0.52 0.00
AUBURN____LFGE 323710	38.54 0.18 0.00	34.92 0.23 0.00	32.48 0.10 0.00	30.31 0.13 0.00	28.24 0.26 0.00	27.48 0.16 0.00	39.48 0.13 0.00	39.45 0.02 0.00	41.72 0.05 0.00	42.11 0.02 -0.03	41.23 0.01 0.00	43.41 0.19 0.00	43.26 0.05 0.00	47.89 -0.16 0.00	61.70 -0.52 0.00	71.53 -0.61 0.00	87.23 -0.82 -0.11	52.18 -0.32 0.00	49.53 -0.33 0.00	47.62 -0.28 0.00	52.56 -0.36 0.00	53.73 -0.34 0.00	43.81 -0.23 0.00	38.48 -0.15 0.00
BABYLON_RES_REC 323704	60.33 2.31 -19.66	45.67 2.34 -8.63	42.43 2.19 -7.85	32.87 2.18 -0.51	30.35 2.03 -0.34	31.18 1.90 -1.96	46.71 2.36 -4.99	47.43 2.57 -5.43	50.10 2.72 -5.72	54.33 2.46 -9.81	48.05 1.85 -4.98	47.66 1.59 -2.85	48.47 1.46 -3.79	53.58 1.92 -3.61	70.08 2.86 -5.01	75.53 2.80 -0.58	91.47 3.33 -0.21	219.21 1.89 -164.81	72.59 1.86 -20.87	58.11 1.75 -8.46	64.06 2.32 -8.83	60.59 2.44 -4.08	48.97 2.34 -2.57	45.06 1.97 -4.46
BALL_HILL_WT_PWR 323825	38.44 0.08 0.00	35.05 0.36 0.00	32.46 0.07 0.00	30.28 0.10 0.00	28.10 0.12 0.00	27.48 0.16 0.00	39.32 -0.03 0.00	39.11 -0.32 0.00	41.52 -0.15 0.00	41.71 -0.35 0.00	41.23 0.01 0.00	43.25 0.03 0.00	43.04 -0.17 0.00	47.63 -0.41 0.00	60.81 -1.40 0.00	70.91 -1.23 0.00	86.02 -1.92 0.00	54.04 -1.59 -3.13	48.57 -1.29 -0.01	46.78 -1.12 0.00	51.27 -1.64 0.00	52.56 -1.51 0.00	42.72 -1.33 0.00	37.74 -0.89 0.00
BARON_WINDS____WT_PWR 323822	40.24 0.11 -1.78	35.10 0.41 0.00	32.62 0.24 0.00	30.46 0.28 0.00	28.24 0.26 0.00	27.67 0.34 0.00	39.62 0.27 0.00	39.52 0.09 0.00	41.86 0.20 0.00	42.03 -0.03 0.01	41.42 0.20 0.00	43.27 0.05 0.00	43.18 -0.03 0.00	47.89 -0.16 0.00	61.40 -0.82 0.00	71.27 -0.87 0.00	86.53 -1.37 0.04	55.65 -1.20 -4.35	49.16 -0.71 -0.01	47.32 -0.58 0.00	52.13 -0.78 0.00	53.35 -0.72 0.00	43.39 -0.66 0.00	38.18 -0.45 0.00
BARRETT_IC_1 23704	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	86.05 1.93 -40.90	87.98 1.86 -42.90	88.84 2.45 -38.34	114.77 3.52 -49.04	81.79 3.58 -6.07	94.78 4.44 -2.41	252.40 2.45 -197.46	83.95 2.23 -31.85	137.04 1.97 -87.17	146.07 2.58 -90.57	118.72 2.60 -62.05	110.39 2.13 -64.21	88.68 1.69 -48.35
BARRETT_IC_10 23701	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	74.44 1.93 -29.29	70.78 1.86 -25.70	86.28 2.45 -35.78	114.77 3.52 -49.04	77.61 3.58 -1.88	93.10 4.44 -0.73	226.49 2.45 -171.55	74.47 2.23 -22.38	76.92 1.97 -27.05	83.56 2.58 -28.07	74.42 2.60 -17.75	63.52 2.13 -17.34	56.89 1.69 -16.56
BARRETT_IC_11 23702	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	74.44 1.93 -29.29	70.78 1.86 -25.70	86.28 2.45 -35.78	114.77 3.52 -49.04	77.61 3.58 -1.88	93.10 4.44 -0.73	226.49 2.45 -171.55	74.47 2.23 -22.38	76.92 1.97 -27.05	83.56 2.58 -28.07	74.42 2.60 -17.75	63.52 2.13 -17.34	56.89 1.69 -16.56
BARRETT_IC_12 23703	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	74.44 1.93 -29.29	70.78 1.86 -25.70	86.28 2.45 -35.78	114.77 3.52 -49.04	77.61 3.58 -1.88	93.10 4.44 -0.73	226.49 2.45 -171.55	74.47 2.23 -22.38	76.92 1.97 -27.05	83.56 2.58 -28.07	74.42 2.60 -17.75	63.52 2.13 -17.34	56.89 1.69 -16.56
BARRETT_IC_2 23705	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	86.05 1.93 -40.90	87.98 1.86 -42.90	88.84 2.45 -38.34	114.77 3.52 -49.04	81.79 3.58 -6.07	94.78 4.44 -2.41	252.40 2.45 -197.46	83.95 2.23 -31.85	137.04 1.97 -87.17	146.07 2.58 -90.57	118.72 2.60 -62.05	110.39 2.13 -64.21	88.68 1.69 -48.35
BARRETT_IC_3 23706	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	86.05 1.93 -40.90	87.98 1.86 -42.90	88.84 2.45 -38.34	114.77 3.52 -49.04	81.79 3.58 -6.07	94.78 4.44 -2.41	252.40 2.45 -197.46	83.95 2.23 -31.85	137.04 1.97 -87.17	146.07 2.58 -90.57	118.72 2.60 -62.05	110.39 2.13 -64.21	88.68 1.69 -48.35
BARRETT_IC_4 23707	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	86.05 1.93 -40.90	87.98 1.86 -42.90	88.84 2.45 -38.34	114.77 3.52 -49.04	81.79 3.58 -6.07	94.78 4.44 -2.41	252.40 2.45 -197.46	83.95 2.23 -31.85	137.04 1.97 -87.17	146.07 2.58 -90.57	118.72 2.60 -62.05	110.39 2.13 -64.21	88.68 1.69 -48.35
BARRETT_IC_5 23708	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	86.05 1.93 -40.90	87.98 1.86 -42.90	88.84 2.45 -38.34	114.77 3.52 -49.04	81.79 3.58 -6.07	94.78 4.44 -2.41	252.40 2.45 -197.46	83.95 2.23 -31.85	137.04 1.97 -87.17	146.07 2.58 -90.57	118.72 2.60 -62.05	110.39 2.13 -64.21	88.68 1.69 -48.35

BARRETT_IC_6 23709	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	86.05 1.93 -40.90	87.98 1.86 -42.90	88.84 2.45 -38.34	114.77 3.52 -49.04	81.79 3.58 -6.07	94.78 4.44 -2.41	252.40 2.45 -197.46	83.95 2.23 -31.85	137.04 1.97 -87.17	146.07 2.58 -90.57	118.72 2.60 -62.05	110.39 2.13 -64.21	88.68 1.69 -48.35
BARRETT_IC_7 23710	181.70 2.05 -141.30	121.28 2.06 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.75 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.10 -87.56	97.00 1.92 -53.86	86.06 1.95 -40.90	87.98 1.86 -42.90	88.84 2.45 -38.34	114.77 3.52 -49.04	81.79 3.58 -6.07	94.78 4.44 -2.41	252.40 2.44 -197.46	83.95 2.24 -31.85	137.04 1.97 -87.17	146.07 2.58 -90.57	118.73 2.61 -62.05	110.40 2.14 -64.21	88.68 1.70 -48.35
BARRETT_IC_8 23711	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	86.05 1.93 -40.90	87.98 1.86 -42.90	88.84 2.45 -38.34	114.77 3.52 -49.04	81.79 3.58 -6.07	94.78 4.44 -2.41	252.40 2.45 -197.46	83.95 2.23 -31.85	137.04 1.97 -87.17	146.07 2.58 -90.57	118.72 2.60 -62.05	110.39 2.13 -64.21	88.68 1.69 -48.35
BARRETT_IC_9 23700	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	74.44 1.93 -29.29	70.78 1.86 -25.70	86.28 2.45 -35.78	114.77 3.52 -49.04	77.61 3.58 -1.88	93.10 4.44 -0.73	226.49 2.45 -171.55	74.47 2.23 -22.38	76.92 1.97 -27.05	83.56 2.58 -28.07	74.42 2.60 -17.75	63.52 2.13 -17.34	56.89 1.69 -16.56
BARRETT___1 23545	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	86.05 1.93 -40.90	87.98 1.86 -42.90	88.84 2.45 -38.34	114.77 3.52 -49.04	81.79 3.58 -6.07	94.78 4.44 -2.41	252.40 2.45 -197.46	83.95 2.23 -31.85	137.04 1.97 -87.17	146.07 2.58 -90.57	118.72 2.60 -62.05	110.39 2.13 -64.21	88.68 1.69 -48.35
BARRETT___2 23546	181.70 2.05 -141.30	121.27 2.05 -84.52	111.24 1.94 -76.91	37.21 1.93 -5.11	42.74 1.84 -12.93	103.07 1.70 -74.05	96.38 2.04 -55.00	94.88 2.20 -53.26	99.93 2.33 -55.94	131.72 2.09 -87.56	97.00 1.92 -53.86	74.44 1.93 -29.29	70.78 1.86 -25.70	86.28 2.45 -35.78	114.77 3.52 -49.04	77.61 3.58 -1.88	93.10 4.44 -0.73	226.49 2.45 -171.55	74.47 2.23 -22.38	76.92 1.97 -27.05	83.56 2.58 -28.07	74.42 2.60 -17.75	63.52 2.13 -17.34	56.89 1.69 -16.56
BATAVIA___115KV_TB1 55881	38.99 0.64 0.00	35.43 0.73 0.00	32.79 0.40 0.00	30.54 0.36 0.00	28.37 0.40 0.00	27.71 0.39 0.00	39.70 0.35 0.00	39.45 0.03 0.00	42.04 0.37 0.00	42.30 0.24 0.00	41.69 0.47 0.00	43.62 0.41 0.00	43.18 -0.04 0.00	47.58 -0.47 0.00	60.91 -1.30 0.00	71.36 -0.78 0.00	86.65 -1.28 0.00	51.57 -0.93 0.00	49.02 -0.84 0.00	47.40 -0.51 0.00	51.90 -1.01 0.00	53.22 -0.85 0.00	43.20 -0.85 0.00	38.18 -0.45 0.00
BAYONEEC___CTG1 323682	47.41 1.85 -7.21	36.59 1.90 0.00	34.23 1.84 0.00	31.92 1.75 0.00	29.52 1.54 0.00	28.72 1.40 0.00	41.35 2.00 0.00	41.56 2.13 0.00	43.95 2.28 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.39 2.17 0.00	45.49 2.27 0.00	50.83 2.78 0.00	66.31 4.10 0.00	76.68 4.54 0.00	91.21 5.60 2.33	46.17 2.95 9.27	50.00 2.48 2.35	50.06 2.16 0.00	55.63 2.71 0.00	56.87 2.80 0.00	46.24 2.19 0.00	40.45 1.82 0.00
BAYONEEC___CTG10 323750	47.41 1.85 -7.21	36.59 1.90 0.00	34.23 1.84 0.00	31.92 1.75 0.00	29.52 1.54 0.00	28.72 1.40 0.00	41.35 2.00 0.00	41.56 2.13 0.00	43.95 2.28 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.39 2.17 0.00	45.49 2.27 0.00	50.83 2.78 0.00	66.31 4.10 0.00	76.68 4.54 0.00	91.21 5.60 2.33	46.17 2.95 9.27	50.00 2.48 2.35	50.06 2.16 0.00	55.63 2.71 0.00	56.87 2.80 0.00	46.24 2.19 0.00	40.45 1.82 0.00
BAYONEEC___CTG2 323683	47.41 1.85 -7.21	36.59 1.90 0.00	34.23 1.84 0.00	31.92 1.75 0.00	29.52 1.54 0.00	28.72 1.40 0.00	41.35 2.00 0.00	41.56 2.13 0.00	43.95 2.28 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.39 2.17 0.00	45.49 2.27 0.00	50.83 2.78 0.00	66.31 4.10 0.00	76.68 4.54 0.00	91.21 5.60 2.33	46.17 2.95 9.27	50.00 2.48 2.35	50.06 2.16 0.00	55.63 2.71 0.00	56.87 2.80 0.00	46.24 2.19 0.00	40.45 1.82 0.00
BAYONEEC___CTG3 323684	47.41 1.85 -7.21	36.59 1.90 0.00	34.23 1.84 0.00	31.92 1.75 0.00	29.52 1.54 0.00	28.72 1.40 0.00	41.35 2.00 0.00	41.56 2.13 0.00	43.95 2.28 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.39 2.17 0.00	45.49 2.27 0.00	50.83 2.78 0.00	66.31 4.10 0.00	76.68 4.54 0.00	91.21 5.60 2.33	46.17 2.95 9.27	50.00 2.48 2.35	50.06 2.16 0.00	55.63 2.71 0.00	56.87 2.80 0.00	46.24 2.19 0.00	40.45 1.82 0.00
BAYONEEC___CTG4 323685	47.41 1.85 -7.21	36.59 1.90 0.00	34.23 1.84 0.00	31.92 1.75 0.00	29.52 1.54 0.00	28.72 1.40 0.00	41.35 2.00 0.00	41.56 2.13 0.00	43.95 2.28 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.39 2.17 0.00	45.49 2.27 0.00	50.83 2.78 0.00	66.31 4.10 0.00	76.68 4.54 0.00	91.21 5.60 2.33	46.17 2.95 9.27	50.00 2.48 2.35	50.06 2.16 0.00	55.63 2.71 0.00	56.87 2.80 0.00	46.24 2.19 0.00	40.45 1.82 0.00
BAYONEEC___CTG5 323686	47.41 1.85 -7.21	36.59 1.90 0.00	34.23 1.84 0.00	31.92 1.75 0.00	29.52 1.54 0.00	28.72 1.40 0.00	41.35 2.00 0.00	41.56 2.13 0.00	43.95 2.28 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.39 2.17 0.00	45.49 2.27 0.00	50.83 2.78 0.00	66.31 4.10 0.00	76.68 4.54 0.00	91.21 5.60 2.33	46.17 2.95 9.27	50.00 2.48 2.35	50.06 2.16 0.00	55.63 2.71 0.00	56.87 2.80 0.00	46.24 2.19 0.00	40.45 1.82 0.00
BAYONEEC___CTG6 323687	47.41 1.85 -7.21	36.59 1.90 0.00	34.23 1.84 0.00	31.92 1.75 0.00	29.52 1.54 0.00	28.72 1.40 0.00	41.35 2.00 0.00	41.56 2.13 0.00	43.95 2.28 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.39 2.17 0.00	45.49 2.27 0.00	50.83 2.78 0.00	66.31 4.10 0.00	76.68 4.54 0.00	91.21 5.60 2.33	46.17 2.95 9.27	50.00 2.48 2.35	50.06 2.16 0.00	55.63 2.71 0.00	56.87 2.80 0.00	46.24 2.19 0.00	40.45 1.82 0.00
BAYONEEC___CTG7 323688	47.41 1.85 -7.21	36.59 1.90 0.00	34.23 1.84 0.00	31.92 1.75 0.00	29.52 1.54 0.00	28.72 1.40 0.00	41.35 2.00 0.00	41.56 2.13 0.00	43.95 2.28 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.39 2.17 0.00	45.49 2.27 0.00	50.83 2.78 0.00	66.31 4.10 0.00	76.68 4.54 0.00	91.21 5.60 2.33	46.17 2.95 9.27	50.00 2.48 2.35	50.06 2.16 0.00	55.63 2.71 0.00	56.87 2.80 0.00	46.24 2.19 0.00	40.45 1.82 0.00

BAYONEEC___CTG8 323689	47.41 1.85 -7.21	36.59 1.90 0.00	34.23 1.84 0.00	31.92 1.75 0.00	29.52 1.54 0.00	28.72 1.40 0.00	41.35 2.00 0.00	41.56 2.13 0.00	43.95 2.28 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.39 2.17 0.00	45.49 2.27 0.00	50.83 2.78 0.00	66.31 4.10 0.00	76.68 4.54 0.00	91.21 5.60 2.33	46.17 2.95 9.27	50.00 2.48 2.35	50.06 2.16 0.00	55.63 2.71 0.00	56.87 2.80 0.00	46.24 2.19 0.00	40.45 1.82 0.00
BAYONEEC___CTG9 323749	47.41 1.85 -7.21	36.59 1.90 0.00	34.23 1.84 0.00	31.92 1.75 0.00	29.52 1.54 0.00	28.72 1.40 0.00	41.35 2.00 0.00	41.56 2.13 0.00	43.95 2.28 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.39 2.17 0.00	45.49 2.27 0.00	50.83 2.78 0.00	66.31 4.10 0.00	76.68 4.54 0.00	91.21 5.60 2.33	46.17 2.95 9.27	50.00 2.48 2.35	50.06 2.16 0.00	55.63 2.71 0.00	56.87 2.80 0.00	46.24 2.19 0.00	40.45 1.82 0.00
BEACON___LESR 323632	18.61 0.42 20.16	35.15 0.45 0.00	32.92 0.54 0.00	30.80 0.62 0.00	28.53 0.56 0.00	27.89 0.57 0.00	40.00 0.65 0.00	40.06 0.63 0.00	42.24 0.57 0.00	42.51 0.45 0.00	41.50 0.28 0.00	43.38 0.16 0.00	43.52 0.31 0.00	48.70 0.65 0.00	63.31 1.09 0.00	73.60 1.45 0.00	89.70 1.78 0.02	49.72 0.96 3.74	50.57 0.72 0.01	48.53 0.63 0.00	53.59 0.67 0.00	54.69 0.62 0.00	44.50 0.45 0.00	38.94 0.31 0.00
BEAVER RIVER___HYD 24048	39.62 1.26 0.00	35.76 1.07 0.00	33.31 0.93 0.00	31.03 0.86 0.00	28.77 0.79 0.00	28.07 0.75 0.00	40.53 1.18 0.00	40.44 1.01 0.00	42.49 0.82 0.00	42.77 0.70 -0.01	42.17 0.95 0.00	44.45 1.23 0.00	44.63 1.41 0.00	49.35 1.31 0.00	63.26 1.04 0.00	72.81 0.67 0.00	88.78 0.80 -0.04	53.19 0.69 0.00	50.90 1.04 0.00	49.56 1.65 0.00	54.86 1.95 0.00	56.14 2.07 0.00	45.62 1.57 0.00	39.81 1.17 0.00
BEEBEE_GT_13 23619	38.24 -0.11 0.00	34.75 0.06 0.00	32.24 -0.15 0.00	30.04 -0.14 0.00	27.89 -0.08 0.00	27.22 -0.10 0.00	38.98 -0.37 0.00	38.83 -0.60 0.00	41.29 -0.38 0.00	41.59 -0.48 0.00	40.96 -0.27 0.00	42.95 -0.27 0.00	42.71 -0.50 0.00	47.18 -0.86 0.00	60.57 -1.65 0.00	70.72 -1.42 0.00	86.14 -1.82 -0.02	51.28 -1.22 0.00	48.73 -1.13 0.00	46.97 -0.93 0.00	51.60 -1.31 0.00	52.80 -1.27 0.00	42.87 -1.18 0.00	37.81 -0.82 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.83 2.27 -7.21	37.08 2.38 0.00	34.64 2.26 0.00	32.30 2.13 0.00	29.86 1.88 0.00	29.05 1.73 0.00	41.81 2.46 0.00	42.01 2.58 0.00	44.40 2.73 0.00	44.75 2.69 0.01	43.96 2.75 0.00	46.09 2.87 0.00	46.22 3.00 0.00	51.63 3.59 0.00	67.36 5.14 0.00	77.86 5.71 0.00	95.02 7.11 0.02	200.04 3.70 -143.84	53.37 3.17 -0.34	50.76 2.86 0.00	83.50 3.58 -27.00	71.14 3.63 -13.44	46.86 2.79 -0.02	47.85 2.34 -6.88
BETHLEHEM___GRP 23843	23.59 -0.18 14.58	34.62 -0.08 0.00	32.54 0.16 0.00	30.40 0.22 0.00	28.16 0.18 0.00	27.44 0.12 0.00	39.27 -0.08 0.00	39.28 -0.15 0.00	41.41 -0.25 0.00	41.67 -0.39 0.00	40.76 -0.46 0.00	42.68 -0.54 0.00	42.73 -0.49 0.00	47.66 -0.39 0.00	61.95 -0.26 0.00	71.96 -0.18 0.00	87.71 -0.20 0.02	47.71 -0.12 4.67	49.54 -0.31 0.01	47.58 -0.33 0.00	52.60 -0.31 0.00	53.72 -0.35 0.00	43.71 -0.34 0.00	38.32 -0.31 0.00
BETHLEHEM___GS1 323560	23.59 -0.18 14.58	34.62 -0.08 0.00	32.54 0.16 0.00	30.40 0.23 0.00	28.16 0.18 0.00	27.44 0.12 0.00	39.27 -0.08 0.00	39.28 -0.15 0.00	41.41 -0.25 0.00	41.67 -0.39 0.00	40.76 -0.46 0.00	42.68 -0.54 0.00	42.73 -0.49 0.00	47.66 -0.39 0.00	61.96 -0.26 0.00	71.96 -0.18 0.00	87.71 -0.20 0.02	47.72 -0.11 4.67	49.55 -0.30 0.01	47.58 -0.32 0.00	52.60 -0.31 0.00	53.73 -0.35 0.00	43.71 -0.34 0.00	38.32 -0.31 0.00
BETHLEHEM___GS2 323561	23.59 -0.18 14.58	34.62 -0.08 0.00	32.54 0.16 0.00	30.40 0.23 0.00	28.16 0.18 0.00	27.44 0.12 0.00	39.27 -0.08 0.00	39.28 -0.15 0.00	41.41 -0.25 0.00	41.67 -0.39 0.00	40.76 -0.46 0.00	42.68 -0.54 0.00	42.73 -0.49 0.00	47.66 -0.39 0.00	61.96 -0.26 0.00	71.96 -0.18 0.00	87.71 -0.20 0.02	47.72 -0.11 4.67	49.55 -0.30 0.01	47.58 -0.32 0.00	52.60 -0.31 0.00	53.73 -0.35 0.00	43.71 -0.34 0.00	38.32 -0.31 0.00
BETHLEHEM___GS3 323562	23.59 -0.18 14.58	34.62 -0.08 0.00	32.54 0.16 0.00	30.40 0.23 0.00	28.16 0.18 0.00	27.44 0.12 0.00	39.27 -0.08 0.00	39.28 -0.15 0.00	41.41 -0.25 0.00	41.67 -0.39 0.00	40.76 -0.46 0.00	42.68 -0.54 0.00	42.73 -0.49 0.00	47.66 -0.39 0.00	61.96 -0.26 0.00	71.96 -0.18 0.00	87.71 -0.20 0.02	47.72 -0.11 4.67	49.55 -0.30 0.01	47.58 -0.32 0.00	52.60 -0.31 0.00	53.73 -0.35 0.00	43.71 -0.34 0.00	38.32 -0.31 0.00
BETHLEHEM___STEEL 23779	38.33 -0.03 0.00	34.91 0.21 0.00	32.29 -0.09 0.00	30.11 -0.07 0.00	27.95 -0.03 0.00	27.30 -0.02 0.00	39.04 -0.31 0.00	38.73 -0.69 0.00	41.21 -0.46 0.00	41.42 -0.65 0.00	40.93 -0.29 0.00	42.94 -0.28 0.00	42.72 -0.49 0.00	47.15 -0.89 0.00	60.23 -1.98 0.00	70.44 -1.71 0.00	85.52 -2.41 0.00	53.79 -1.80 -3.09	48.29 -1.58 -0.01	46.57 -1.33 0.00	51.00 -1.91 0.00	52.27 -1.80 0.00	42.49 -1.57 0.00	37.62 -1.02 0.00
BETHLHEM_115KV_TB1 79974	25.76 -0.08 12.51	34.71 0.01 0.00	32.61 0.23 0.00	30.46 0.29 0.00	28.21 0.24 0.00	27.50 0.18 0.00	39.37 0.03 0.00	39.39 -0.04 0.00	41.55 -0.12 0.00	41.79 -0.27 0.00	40.90 -0.32 0.00	42.81 -0.41 0.00	42.87 -0.34 0.00	47.82 -0.23 0.00	62.16 -0.06 0.00	72.16 0.01 0.00	87.95 0.03 0.02	47.19 0.02 5.33	49.69 -0.15 0.01	47.72 -0.18 0.00	52.76 -0.15 0.00	53.88 -0.19 0.00	43.82 -0.23 0.00	38.45 -0.19 0.00
BETHPAGE_CC_5 323564	64.90 2.17 -24.39	48.54 2.21 -11.63	45.04 2.07 -10.58	32.93 2.05 -0.69	30.67 1.92 -0.77	33.53 1.78 -4.42	48.49 2.21 -6.93	49.14 2.39 -7.33	51.95 2.58 -7.70	57.24 2.35 -12.83	50.03 1.94 -6.88	49.14 1.84 -4.08	49.95 1.77 -4.98	55.28 2.32 -4.91	72.27 3.31 -6.74	76.31 3.42 -0.75	92.53 4.32 -0.27	221.82 2.43 -166.90	74.50 2.23 -22.40	60.72 1.95 -10.87	66.75 2.54 -11.29	62.18 2.56 -5.55	50.41 2.13 -4.22	46.26 1.80 -5.82
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.44 0.09 0.00	35.01 0.32 0.00	32.39 0.01 0.00	30.20 0.02 0.00	28.03 0.06 0.00	27.38 0.06 0.00	39.16 -0.19 0.00	38.89 -0.54 0.00	41.37 -0.30 0.00	41.59 -0.48 0.00	41.11 -0.11 0.00	43.12 -0.10 0.00	42.90 -0.32 0.00	47.35 -0.70 0.00	60.50 -1.71 0.00	70.74 -1.40 0.00	85.90 -2.04 0.00	54.05 -1.59 -3.13	48.50 -1.36 -0.01	46.76 -1.14 0.00	51.22 -1.70 0.00	52.48 -1.59 0.00	42.66 -1.40 0.00	37.75 -0.88 0.00
BINGHAMTON___COGEN 23790	41.47 0.24 -2.88	35.13 0.43 0.00	32.77 0.38 0.00	30.59 0.41 0.00	28.33 0.35 0.00	27.71 0.39 0.00	39.72 0.37 0.00	39.76 0.33 0.00	42.00 0.33 0.00	42.24 0.20 0.03	41.57 0.35 0.00	43.58 0.37 0.00	43.58 0.37 0.00	48.48 0.44 0.00	62.39 0.17 0.00	72.37 0.22 0.00	87.92 0.09 0.10	58.99 -0.10 -6.59	50.00 0.13 -0.02	47.98 0.08 0.00	52.98 0.06 0.00	54.14 0.07 0.00	44.02 -0.03 0.00	38.60 -0.04 0.00

BIXINCNT_115KV_LOAD 355685	38.90 0.55 0.00	35.49 0.80 0.00	32.88 0.50 0.00	30.68 0.50 0.00	28.48 0.51 0.00	27.85 0.53 0.00	39.88 0.53 0.00	39.73 0.30 0.00	42.23 0.56 0.00	42.42 0.36 0.00	41.89 0.67 0.00	43.82 0.60 0.00	43.52 0.30 0.00	48.17 0.12 0.00	61.59 -0.62 0.00	71.78 -0.36 0.00	87.02 -0.90 0.02	54.83 -1.02 -3.36	49.10 -0.77 -0.01	47.33 -0.57 0.00	51.90 -1.01 0.00	53.23 -0.84 0.00	43.26 -0.79 0.00	38.22 -0.41 0.00
BLACK RIVER___HYD 24047	39.92 1.57 0.00	36.07 1.37 0.00	33.60 1.22 0.00	31.31 1.13 0.00	29.02 1.05 0.00	28.35 1.03 0.00	40.85 1.50 0.00	40.69 1.26 0.00	42.83 1.16 0.00	43.06 0.98 -0.02	42.57 1.35 0.00	44.90 1.68 0.00	45.07 1.86 0.00	49.70 1.66 0.00	63.20 0.99 0.00	72.63 0.49 0.00	88.28 0.26 -0.08	53.12 0.62 0.00	51.06 1.20 0.00	50.00 2.10 0.00	55.39 2.48 0.00	56.73 2.66 0.00	45.99 1.94 0.00	40.09 1.46 0.00
BLACKRVR_115KV_TB2 79977	39.92 1.57 0.00	36.07 1.37 0.00	33.60 1.22 0.00	31.31 1.13 0.00	29.02 1.05 0.00	28.35 1.03 0.00	40.85 1.50 0.00	40.69 1.26 0.00	42.83 1.16 0.00	43.06 0.98 -0.02	42.57 1.34 0.00	44.90 1.68 0.00	45.07 1.86 0.00	49.70 1.66 0.00	63.20 0.99 0.00	72.63 0.49 0.00	88.28 0.26 -0.08	53.11 0.62 0.00	51.06 1.20 0.00	50.00 2.10 0.00	55.39 2.48 0.00	56.73 2.66 0.00	46.00 1.94 0.00	40.09 1.46 0.00
BLDWN_LI_69_KV_BK4 356085	97.71 2.27 -57.09	69.15 2.29 -32.16	63.82 2.17 -29.27	34.24 2.13 -1.93	34.00 2.00 -4.02	52.21 1.88 -23.01	62.02 2.32 -20.35	62.20 2.50 -20.26	65.63 2.67 -21.29	78.36 2.45 -33.85	63.47 2.24 -20.01	59.39 2.25 -13.92	60.45 2.21 -15.03	65.05 2.81 -14.19	84.57 3.70 -18.66	78.36 4.05 -2.17	93.98 5.20 -0.84	233.27 2.90 -177.88	80.59 2.68 -28.05	81.52 2.37 -31.24	88.39 3.02 -32.46	77.39 3.06 -20.26	66.23 2.59 -19.59	57.87 2.06 -17.17
BLISS_WT_PWR 323608	38.90 0.55 0.00	35.49 0.80 0.00	32.87 0.49 0.00	30.67 0.49 0.00	28.48 0.51 0.00	27.85 0.53 0.00	39.88 0.53 0.00	39.73 0.30 0.00	42.23 0.56 0.00	42.45 0.39 0.00	41.91 0.69 0.00	43.84 0.62 0.00	43.53 0.32 0.00	48.17 0.13 0.00	61.63 -0.58 0.00	71.79 -0.35 0.00	87.03 -0.89 0.02	54.83 -1.03 -3.36	49.07 -0.80 -0.01	47.33 -0.57 0.00	51.89 -1.02 0.00	53.23 -0.84 0.00	43.26 -0.79 0.00	38.22 -0.42 0.00
BLUESTONE___WT_PWR 323821	45.29 1.85 -5.09	36.66 1.97 0.00	34.12 1.74 0.00	31.84 1.66 0.00	29.52 1.55 0.00	28.93 1.61 0.00	41.63 2.27 0.00	41.70 2.28 0.00	43.92 2.25 0.00	44.22 2.18 0.02	43.42 2.20 0.00	45.59 2.37 0.00	45.80 2.59 0.00	50.54 2.49 0.00	64.91 2.70 0.00	75.78 3.63 0.00	92.60 4.74 0.08	62.33 2.71 -7.12	52.81 2.93 -0.02	50.70 2.79 0.00	55.90 2.99 0.00	57.10 3.03 0.00	46.29 2.24 0.00	40.45 1.82 0.00
BLUE_CIRC_CHEM_DRP 24182	33.14 0.35 5.56	35.12 0.42 0.00	32.98 0.60 0.00	30.81 0.63 0.00	28.54 0.56 0.00	27.82 0.50 0.00	39.87 0.52 0.00	39.85 0.42 0.00	42.02 0.35 0.00	42.19 0.13 0.00	41.16 -0.06 0.00	43.05 -0.17 0.00	43.08 -0.14 0.00	48.01 -0.04 0.00	62.54 0.33 0.00	72.81 0.67 0.00	88.74 0.82 0.02	53.02 0.52 0.00	50.17 0.31 0.00	48.20 0.30 0.00	53.31 0.40 0.00	54.48 0.41 0.00	44.35 0.30 0.00	38.91 0.27 0.00
BOC_GAS_DRP 24189	37.50 0.17 1.03	34.92 0.22 0.00	32.78 0.39 0.00	30.62 0.44 0.00	28.35 0.38 0.00	27.64 0.32 0.00	39.63 0.28 0.00	39.68 0.25 0.00	41.86 0.20 0.00	42.16 0.10 0.00	41.26 0.04 0.00	43.20 -0.02 0.00	43.26 0.04 0.00	48.20 0.15 0.00	62.60 0.39 0.00	72.61 0.46 0.00	88.47 0.55 0.02	43.86 0.33 8.97	50.04 0.20 0.02	48.06 0.15 0.00	53.14 0.22 0.00	54.28 0.21 0.00	44.18 0.13 0.00	38.75 0.11 0.00
BOONVILLE_115KV_TB1 79983	39.53 1.18 0.00	35.73 1.03 0.00	33.32 0.94 0.00	31.05 0.87 0.00	28.78 0.81 0.00	28.11 0.79 0.00	40.51 1.16 0.00	40.51 1.08 0.00	42.67 1.00 0.00	43.01 0.95 0.00	42.25 1.03 0.00	44.50 1.28 0.00	44.57 1.35 0.00	49.45 1.41 0.00	63.65 1.43 0.00	73.46 1.32 0.00	89.57 1.63 0.00	53.60 1.10 0.00	51.12 1.26 0.00	49.35 1.44 0.00	54.59 1.68 0.00	55.82 1.75 0.00	45.34 1.29 0.00	39.64 1.00 0.00
BORALEX_4TH_BRANCH 23824	324.51 2.42 -283.74	36.80 2.10 0.00	34.52 2.13 0.00	32.29 2.12 0.00	29.90 1.93 0.00	29.09 1.77 0.00	41.60 2.25 0.00	41.14 1.71 0.00	43.48 1.82 0.00	43.90 1.84 0.01	42.89 1.67 0.00	44.49 1.28 0.00	43.94 0.72 0.00	49.12 1.07 0.00	63.85 1.64 0.00	74.35 2.21 0.00	90.85 2.94 0.02	86.57 1.95 -32.13	51.59 1.65 -0.08	49.43 1.53 0.00	54.88 1.97 0.00	56.25 2.19 0.00	45.81 1.76 0.00	40.32 1.69 0.00
BOWLINE___1 23526	46.91 1.52 -7.04	36.26 1.56 0.00	33.95 1.57 0.00	31.71 1.53 0.00	29.30 1.32 0.00	28.52 1.19 0.00	41.00 1.65 0.00	41.14 1.71 0.00	43.48 1.81 0.00	43.75 1.70 0.01	42.83 1.61 0.00	44.91 1.69 0.00	45.05 1.84 0.00	50.38 2.34 0.00	65.65 3.43 0.00	75.97 3.83 0.00	92.67 4.75 0.02	193.01 2.57 -137.94	52.33 2.14 -0.33	49.76 1.86 0.00	55.20 2.29 0.00	56.42 2.35 0.00	45.77 1.72 0.00	40.08 1.44 0.00
BOWLINE___2 23595	46.85 1.46 -7.04	36.20 1.51 0.00	33.93 1.54 0.00	31.70 1.52 0.00	29.29 1.31 0.00	28.50 1.18 0.00	40.95 1.60 0.00	41.07 1.64 0.00	43.41 1.74 0.00	43.69 1.63 0.01	42.76 1.54 0.00	44.83 1.61 0.00	44.97 1.76 0.00	50.31 2.26 0.00	65.54 3.33 0.00	75.83 3.68 0.00	92.53 4.62 0.02	192.94 2.47 -137.97	52.25 2.06 -0.33	49.68 1.78 0.00	55.11 2.19 0.00	56.34 2.27 0.00	45.71 1.65 0.00	40.03 1.39 0.00
BRADY___115KV_TB2 356060	39.05 0.69 0.00	35.09 0.39 0.00	32.59 0.21 0.00	30.29 0.11 0.00	28.11 0.13 0.00	27.55 0.23 0.00	40.10 0.75 0.00	40.30 0.87 0.00	42.37 0.70 0.00	42.78 0.72 0.00	41.84 0.62 0.00	43.85 0.63 0.00	44.08 0.86 0.00	48.67 0.62 0.00	63.14 0.93 0.00	72.84 0.70 0.00	89.08 1.14 0.00	53.19 0.69 0.00	50.89 1.03 0.00	49.32 1.42 0.00	54.40 1.49 0.00	55.68 1.61 0.00	45.38 1.33 0.00	39.64 1.00 0.00
BRANSCOMB___SOLAR 323811	284.45 2.01 -244.09	36.48 1.78 0.00	34.10 1.72 0.00	31.91 1.74 0.00	29.55 1.58 0.00	28.84 1.52 0.00	41.34 1.99 0.00	40.94 1.51 0.00	43.16 1.50 0.00	43.54 1.48 0.00	42.42 1.20 0.00	44.19 0.96 0.00	43.99 0.77 0.00	49.39 1.35 0.00	64.46 2.25 0.00	75.07 2.92 0.00	91.28 3.37 0.02	58.66 1.95 -4.21	51.48 1.61 -0.01	49.39 1.49 0.00	54.69 1.78 0.00	55.97 1.90 0.00	45.49 1.44 0.00	39.99 1.35 0.00
BRDGHMPT_69_KV_BK1 55812	53.20 2.46 -12.38	40.96 2.25 -4.01	38.13 2.11 -3.64	32.91 2.50 -0.24	30.14 2.49 0.31	27.91 2.42 1.83	44.40 3.03 -2.01	45.45 3.50 -2.52	48.46 4.13 -2.65	51.08 4.00 -5.02	46.89 3.62 -2.05	47.41 3.46 -0.73	47.80 3.01 -1.57	52.60 3.02 -1.54	68.47 3.94 -2.32	76.99 4.58 -0.27	93.61 5.59 -0.08	216.46 2.72 -161.24	71.27 3.04 -18.36	55.17 2.98 -4.30	61.57 3.71 -4.95	61.41 3.78 -3.56	46.46 3.02 0.61	42.81 2.24 -1.94

BRENTWOD_69_KV_W. BRTWOOD 56703	54.39 2.47 -13.58	41.98 2.52 -4.76	39.07 2.35 -4.33	32.82 2.37 -0.28	29.96 2.19 0.20	28.18 2.06 1.21	44.43 2.58 -2.50	45.21 2.78 -3.00	47.79 2.96 -3.16	50.54 2.68 -5.80	46.03 2.28 -2.53	46.39 2.10 -1.07	47.14 2.01 -1.91	52.40 2.48 -1.88	68.38 3.41 -2.76	75.51 3.05 -0.31	91.86 3.82 -0.10	216.45 2.15 -161.80	70.94 2.32 -18.76	54.78 2.21 -4.67	60.65 2.79 -4.95	58.75 2.85 -1.83	46.39 2.46 0.12	43.06 2.10 -2.33
BRISTLHL_115KV_TB1 79998	37.66 -0.69 0.00	34.21 -0.49 0.00	31.88 -0.50 0.00	29.73 -0.45 0.00	27.58 -0.39 0.00	26.92 -0.41 0.00	38.51 -0.84 0.00	38.45 -0.98 0.00	40.68 -0.99 0.00	41.10 -1.02 -0.06	40.32 -0.90 0.00	42.37 -0.85 0.00	42.30 -0.91 0.00	46.96 -1.08 0.00	60.49 -1.72 0.00	70.11 -2.03 0.00	85.62 -2.52 -0.21	51.11 -1.39 0.00	48.65 -1.21 0.00	46.80 -1.11 0.00	51.66 -1.25 0.00	52.80 -1.27 0.00	42.91 -1.14 0.00	37.67 -0.97 0.00
BROOKHAVEN___DRP 24191	53.02 2.32 -12.35	40.92 2.24 -3.98	38.07 2.07 -3.62	32.65 2.24 -0.24	29.68 2.02 0.32	27.39 1.92 1.84	43.72 2.37 -2.00	44.50 2.57 -2.51	47.09 2.78 -2.64	49.56 2.50 -4.99	45.34 2.08 -2.04	45.84 1.90 -0.72	46.55 1.77 -1.56	51.77 2.20 -1.53	67.59 3.07 -2.31	75.46 3.06 -0.26	91.89 3.88 -0.08	215.86 2.14 -161.23	70.49 2.28 -18.35	54.30 2.13 -4.27	60.58 2.74 -4.92	60.39 2.79 -3.53	45.69 2.26 0.62	42.45 1.89 -1.93
BROOKLYN_NAVY_YARD 23515	47.30 1.75 -7.21	36.52 1.83 0.00	34.15 1.77 0.00	31.86 1.68 0.00	29.45 1.48 0.00	28.66 1.34 0.00	41.25 1.90 0.00	41.45 2.03 0.00	43.85 2.19 0.00	44.17 2.12 0.01	43.27 2.05 0.00	45.33 2.11 0.00	45.43 2.22 0.00	50.73 2.69 0.00	66.24 4.03 0.00	76.61 4.47 0.00	93.47 5.56 0.02	199.22 2.89 -143.83	52.61 2.41 -0.34	49.97 2.07 0.00	55.53 2.61 0.00	56.78 2.71 0.00	46.18 2.12 0.00	40.39 1.75 0.00
BROOKLYN___ARMY_DRP 323595	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
BROOME_2_LFGE 323671	41.47 0.24 -2.88	35.13 0.43 0.00	32.76 0.38 0.00	30.59 0.41 0.00	28.33 0.35 0.00	27.71 0.39 0.00	39.72 0.37 0.00	39.76 0.33 0.00	42.00 0.33 0.00	42.24 0.20 0.03	41.57 0.36 0.00	43.59 0.37 0.00	43.59 0.37 0.00	48.48 0.44 0.00	62.39 0.17 0.00	72.37 0.22 0.00	87.92 0.09 0.10	58.99 -0.10 -6.59	50.00 0.13 -0.02	47.98 0.08 0.00	52.98 0.06 0.00	54.14 0.07 0.00	44.02 -0.03 0.00	38.60 -0.04 0.00
BROOME___LFGE 323600	41.47 0.24 -2.88	35.13 0.43 0.00	32.76 0.38 0.00	30.59 0.41 0.00	28.33 0.35 0.00	27.71 0.39 0.00	39.72 0.37 0.00	39.76 0.33 0.00	42.00 0.33 0.00	42.24 0.20 0.03	41.57 0.36 0.00	43.59 0.37 0.00	43.59 0.37 0.00	48.48 0.44 0.00	62.39 0.17 0.00	72.37 0.22 0.00	87.92 0.09 0.10	58.99 -0.10 -6.59	50.00 0.13 -0.02	47.98 0.08 0.00	52.98 0.06 0.00	54.14 0.07 0.00	44.02 -0.03 0.00	38.60 -0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	38.97 0.62 0.00	35.14 0.45 0.00	32.71 0.33 0.00	30.45 0.27 0.00	28.23 0.25 0.00	27.54 0.22 0.00	39.85 0.50 0.00	39.86 0.43 0.00	41.87 0.20 0.00	42.21 0.13 -0.01	41.59 0.37 0.00	43.72 0.51 0.00	43.94 0.73 0.00	48.57 0.52 0.00	62.56 0.35 0.00	72.10 -0.04 0.00	88.03 0.06 -0.03	52.66 0.16 0.00	50.39 0.53 0.00	48.93 1.03 0.00	54.08 1.17 0.00	55.35 1.28 0.00	45.09 1.04 0.00	39.37 0.74 0.00
BROWNSV1_27_KV_LOAD 356125	47.90 2.34 -7.21	37.02 2.32 0.00	34.60 2.21 0.00	32.26 2.08 0.00	29.83 1.85 0.00	29.03 1.71 0.00	41.81 2.46 0.00	42.04 2.61 0.00	44.49 2.82 0.00	44.83 2.78 0.01	43.93 2.71 0.00	46.03 2.81 0.00	46.14 2.92 0.00	51.52 3.47 0.00	67.22 5.01 0.00	77.76 5.62 0.00	94.87 6.96 0.02	200.08 3.75 -143.83	53.43 3.23 -0.34	50.78 2.87 0.00	56.39 3.47 0.00	57.65 3.58 0.00	46.83 2.78 0.00	40.96 2.33 0.00
BURROWS___LYONSDAL 23803	39.53 1.18 0.00	35.72 1.02 0.00	33.31 0.93 0.00	31.04 0.86 0.00	28.77 0.80 0.00	28.10 0.78 0.00	40.50 1.15 0.00	40.48 1.05 0.00	42.62 0.95 0.00	42.94 0.87 0.00	42.21 0.99 0.00	44.48 1.26 0.00	44.57 1.35 0.00	49.43 1.38 0.00	63.55 1.34 0.00	73.31 1.17 0.00	89.37 1.42 -0.02	53.51 1.01 0.00	51.05 1.19 0.00	49.37 1.47 0.00	54.64 1.73 0.00	55.87 1.80 0.00	45.38 1.33 0.00	39.67 1.03 0.00
CAITHNESS_CC_1 323624	52.92 2.25 -12.32	40.87 2.21 -3.97	38.05 2.06 -3.61	32.60 2.19 -0.24	29.64 1.98 0.32	27.35 1.89 1.86	43.66 2.32 -1.99	44.43 2.51 -2.50	46.99 2.70 -2.63	49.45 2.41 -4.98	45.24 1.99 -2.03	45.73 1.79 -0.71	46.47 1.70 -1.56	51.70 2.13 -1.52	67.49 2.98 -2.30	75.37 2.96 -0.26	91.78 3.77 -0.08	215.78 2.07 -161.21	70.39 2.19 -18.34	54.17 2.02 -4.25	60.42 2.61 -4.90	60.21 2.63 -3.50	45.57 2.16 0.64	42.37 1.82 -1.92
CALPINE BETH_PAGE_GT4 24209	70.20 2.18 -29.67	51.90 2.22 -14.99	48.10 2.08 -13.64	33.14 2.06 -0.90	31.15 1.93 -1.26	36.28 1.79 -7.16	50.66 2.22 -9.09	51.28 2.42 -9.44	54.19 2.60 -9.93	60.70 2.37 -16.27	52.15 1.93 -9.00	50.63 1.87 -5.54	51.47 1.81 -6.45	56.80 2.36 -6.39	74.26 3.35 -8.69	76.59 3.48 -0.96	92.70 4.41 -0.36	224.38 2.47 -169.41	76.34 2.27 -24.21	63.77 1.96 -13.91	69.91 2.55 -14.45	64.27 2.57 -7.63	52.48 2.12 -6.31	47.90 1.76 -7.51
CALPINE_BETH_PAGE_GT_4 323586	70.20 2.18 -29.67	51.90 2.22 -14.99	48.10 2.08 -13.64	33.14 2.06 -0.90	31.15 1.93 -1.26	36.28 1.79 -7.16	50.66 2.22 -9.09	51.28 2.42 -9.44	54.19 2.60 -9.93	60.69 2.36 -16.27	52.15 1.93 -9.00	50.61 1.85 -5.54	51.47 1.80 -6.45	56.80 2.36 -6.39	74.26 3.35 -8.69	76.59 3.49 -0.96	92.70 4.41 -0.36	224.38 2.47 -169.41	76.34 2.27 -24.21	63.76 1.96 -13.91	69.91 2.54 -14.45	64.26 2.56 -7.63	52.47 2.11 -6.31	47.90 1.76 -7.51
CALPINE_BP_GT1 23823	70.20 2.18 -29.67	51.90 2.22 -14.99	48.10 2.08 -13.64	33.14 2.06 -0.90	31.15 1.93 -1.26	36.28 1.79 -7.16	50.66 2.22 -9.09	51.28 2.42 -9.44	54.19 2.60 -9.93	60.69 2.36 -16.27	52.15 1.93 -9.00	50.61 1.85 -5.54	51.47 1.80 -6.45	56.80 2.36 -6.39	74.26 3.35 -8.69	76.59 3.49 -0.96	92.70 4.41 -0.36	224.38 2.47 -169.41	76.34 2.27 -24.21	63.76 1.96 -13.91	69.91 2.54 -14.45	64.26 2.56 -7.63	52.47 2.11 -6.31	47.90 1.76 -7.51
CALSPAN___DRP 24200	38.33 -0.03 0.00	34.91 0.21 0.00	32.29 -0.09 0.00	30.11 -0.07 0.00	27.95 -0.03 0.00	27.30 -0.02 0.00	39.04 -0.31 0.00	38.73 -0.69 0.00	41.21 -0.46 0.00	41.42 -0.65 0.00	40.93 -0.29 0.00	42.94 -0.28 0.00	42.72 -0.49 0.00	47.15 -0.89 0.00	60.23 -1.98 0.00	70.44 -1.71 0.00	85.52 -2.41 0.00	53.79 -1.80 -3.09	48.29 -1.58 -0.01	46.57 -1.33 0.00	51.00 -1.91 0.00	52.27 -1.80 0.00	42.49 -1.57 0.00	37.62 -1.02 0.00

CALVERTON___SOLAR 323806	53.09 2.38 -12.35	40.94 2.26 -3.99	38.11 2.10 -3.63	32.70 2.29 -0.24	29.73 2.07 0.32	27.46 1.98 1.84	43.81 2.46 -2.00	44.61 2.67 -2.51	47.22 2.90 -2.64	49.70 2.64 -5.00	45.48 2.21 -2.05	45.97 2.02 -0.73	46.66 1.88 -1.56	51.85 2.27 -1.53	67.68 3.16 -2.31	75.63 3.22 -0.26	92.08 4.07 -0.08	215.95 2.23 -161.23	70.63 2.41 -18.36	54.45 2.27 -4.28	60.74 2.89 -4.93	60.56 2.95 -3.54	45.80 2.37 0.62	42.52 1.96 -1.93
CANDIGU_WT_PWR 323617	40.24 0.11 -1.78	35.10 0.41 0.00	32.62 0.24 0.00	30.46 0.28 0.00	28.24 0.26 0.00	27.67 0.34 0.00	39.62 0.27 0.00	39.52 0.09 0.00	41.86 0.20 0.00	42.03 -0.03 0.01	41.42 0.20 0.00	43.27 0.05 0.00	43.18 -0.03 0.00	47.89 -0.16 0.00	61.40 -0.82 0.00	71.27 -0.87 0.00	86.53 -1.37 0.04	55.65 -1.20 -4.35	49.16 -0.71 -0.01	47.32 -0.58 0.00	52.13 -0.78 0.00	53.35 -0.72 0.00	43.39 -0.66 0.00	38.18 -0.45 0.00
CARR STREET_E_SYR 24060	38.21 -0.14 0.00	34.71 0.01 0.00	32.35 -0.03 0.00	30.19 0.01 0.00	27.99 0.01 0.00	27.32 0.00 0.00	39.12 -0.23 0.00	39.08 -0.35 0.00	41.32 -0.35 0.00	41.66 -0.39 0.00	40.96 -0.25 0.00	43.05 -0.17 0.00	42.99 -0.22 0.00	47.71 -0.34 0.00	61.46 -0.75 0.00	71.23 -0.91 0.00	86.74 -1.17 0.02	51.90 -0.60 0.00	49.39 -0.48 0.00	47.44 -0.46 0.00	52.37 -0.54 0.00	53.52 -0.55 0.00	43.51 -0.55 0.00	38.16 -0.48 0.00
CARTHAGE___PAPER 23857	40.05 1.70 0.00	36.16 1.46 0.00	33.68 1.29 0.00	31.37 1.20 0.00	29.08 1.10 0.00	28.40 1.09 0.00	41.00 1.65 0.00	40.88 1.45 0.00	42.88 1.21 0.00	43.11 1.03 -0.02	42.57 1.35 0.00	44.88 1.66 0.00	45.09 1.88 0.00	49.80 1.75 0.00	63.62 1.40 0.00	73.10 0.96 0.00	89.01 1.00 -0.07	53.38 0.88 0.00	51.24 1.38 0.00	50.07 2.17 0.00	55.46 2.55 0.00	56.77 2.70 0.00	46.10 2.04 0.00	40.18 1.55 0.00
CASSADAGA_WT_PWR 323784	39.30 0.95 0.00	35.81 1.11 0.00	33.16 0.78 0.00	30.98 0.80 0.00	28.75 0.78 0.00	28.17 0.85 0.00	40.39 1.04 0.00	40.32 0.90 0.00	42.77 1.10 0.00	42.96 0.90 0.00	42.47 1.25 0.00	44.54 1.32 0.00	44.30 1.08 0.00	49.13 1.09 0.00	62.68 0.47 0.00	72.91 0.77 0.00	88.36 0.44 0.02	55.54 -0.26 -3.29	49.81 -0.06 -0.01	47.91 0.01 0.00	52.53 -0.38 0.00	53.86 -0.21 0.00	43.72 -0.33 0.00	38.54 -0.10 0.00
CE_DUNWOOD___DRP 24194	47.35 1.80 -7.20	36.51 1.82 0.00	34.17 1.78 0.00	31.87 1.70 0.00	29.47 1.49 0.00	28.68 1.36 0.00	41.26 1.91 0.00	41.42 1.99 0.00	43.81 2.14 0.00	44.12 2.06 0.01	43.17 1.96 0.00	45.23 2.01 0.00	45.34 2.12 0.00	50.67 2.62 0.00	66.04 3.82 0.00	76.43 4.29 0.00	93.25 5.34 0.02	198.84 2.89 -143.45	52.66 2.46 -0.34	50.05 2.15 0.00	55.52 2.61 0.00	56.74 2.67 0.00	46.07 2.02 0.00	40.34 1.70 0.00
CE_MILLWOOD___DRP 24193	47.25 1.72 -7.17	36.44 1.74 0.00	34.10 1.72 0.00	31.82 1.64 0.00	29.41 1.43 0.00	28.63 1.31 0.00	41.17 1.83 0.00	41.33 1.91 0.00	43.70 2.03 0.00	44.00 1.94 0.01	43.06 1.84 0.00	45.11 1.89 0.00	45.22 2.01 0.00	50.54 2.50 0.00	65.87 3.66 0.00	76.25 4.11 0.00	93.03 5.12 0.02	198.00 2.77 -142.73	52.55 2.34 -0.34	49.96 2.06 0.00	55.41 2.50 0.00	56.63 2.56 0.00	45.98 1.92 0.00	40.25 1.62 0.00
CE_NYC2_DRP 24202	47.45 1.89 -7.21	36.68 1.98 0.00	34.29 1.90 0.00	31.98 1.80 0.00	29.57 1.60 0.00	28.78 1.46 0.00	41.41 2.06 0.00	41.66 2.23 0.00	44.07 2.40 0.00	44.39 2.33 0.01	43.49 2.27 0.00	45.56 2.34 0.00	45.67 2.45 0.00	50.95 2.91 0.00	66.49 4.28 0.00	76.87 4.73 0.00	93.74 5.83 0.02	199.38 3.04 -143.84	52.77 2.57 -0.34	50.13 2.23 0.00	55.74 2.83 0.00	56.95 2.88 0.00	46.28 2.23 0.00	38.71 1.88 1.81
CE_NYC_DRP 24195	47.49 1.93 -7.21	36.66 1.97 0.00	34.29 1.90 0.00	31.98 1.80 0.00	29.57 1.60 0.00	28.78 1.46 0.00	41.42 2.07 0.00	41.64 2.22 0.00	44.05 2.38 0.00	44.38 2.32 0.01	43.46 2.24 0.00	45.53 2.31 0.00	45.64 2.42 0.00	50.98 2.93 0.00	66.52 4.30 0.00	76.92 4.78 0.00	93.83 5.92 0.02	199.45 3.13 -143.82	52.87 2.67 -0.34	50.21 2.31 0.00	55.77 2.86 0.00	57.01 2.94 0.00	46.33 2.28 0.00	40.54 1.91 0.00
CHAFFEE___LFGE 323603	38.50 0.15 0.00	35.07 0.37 0.00	32.45 0.06 0.00	30.26 0.08 0.00	28.08 0.11 0.00	27.42 0.10 0.00	39.26 -0.09 0.00	39.00 -0.43 0.00	41.48 -0.18 0.00	41.72 -0.34 0.00	41.22 0.00 0.00	43.22 -0.01 0.00	42.99 -0.23 0.00	47.47 -0.57 0.00	60.61 -1.60 0.00	70.90 -1.24 0.00	86.13 -1.80 0.00	54.26 -1.46 -3.22	48.64 -1.22 -0.01	46.89 -1.01 0.00	51.36 -1.56 0.00	52.63 -1.44 0.00	42.76 -1.29 0.00	37.83 -0.81 0.00
CHATEAUG_35_KV_LOAD 355732	38.74 0.39 0.00	34.86 0.16 0.00	32.38 0.00 0.00	30.11 -0.06 0.00	27.94 -0.04 0.00	27.41 0.08 0.00	39.71 0.36 0.00	39.98 0.55 0.00	42.18 0.51 0.00	42.68 0.62 0.00	41.81 0.59 0.00	43.85 0.63 0.00	43.86 0.65 0.00	48.70 0.65 0.00	63.18 0.97 0.00	73.31 1.17 0.00	89.56 1.63 0.00	53.42 0.92 0.00	50.95 1.09 0.00	49.14 1.24 0.00	54.20 1.29 0.00	55.37 1.30 0.00	45.15 1.10 0.00	39.51 0.88 0.00
CHATEAUG_WT_PWR 323614	38.72 0.37 0.00	34.85 0.16 0.00	32.38 0.00 0.00	30.11 -0.06 0.00	27.94 -0.04 0.00	27.41 0.09 0.00	39.70 0.36 0.00	39.99 0.56 0.00	42.24 0.58 0.00	42.76 0.70 0.00	41.85 0.63 0.00	43.88 0.66 0.00	43.88 0.67 0.00	48.75 0.71 0.00	63.25 1.04 0.00	73.33 1.19 0.00	89.62 1.69 0.00	53.45 0.95 0.00	50.98 1.12 0.00	49.11 1.21 0.00	54.09 1.17 0.00	55.24 1.17 0.00	45.07 1.01 0.00	39.45 0.81 0.00
CHAT_HIGH_FALL_HYD 323578	38.74 0.39 0.00	34.86 0.16 0.00	32.38 0.00 0.00	30.11 -0.06 0.00	27.94 -0.04 0.00	27.41 0.08 0.00	39.71 0.36 0.00	39.98 0.55 0.00	42.18 0.51 0.00	42.68 0.62 0.00	41.81 0.59 0.00	43.85 0.63 0.00	43.86 0.65 0.00	48.70 0.65 0.00	63.18 0.97 0.00	73.31 1.17 0.00	89.56 1.63 0.00	53.42 0.92 0.00	50.95 1.09 0.00	49.14 1.24 0.00	54.20 1.29 0.00	55.37 1.30 0.00	45.15 1.10 0.00	39.51 0.88 0.00
CHAUTAUQUA___LFGE 323629	38.81 0.46 0.00	35.40 0.70 0.00	32.78 0.39 0.00	30.61 0.43 0.00	28.39 0.42 0.00	27.81 0.49 0.00	39.81 0.46 0.00	39.69 0.26 0.00	42.08 0.41 0.00	42.24 0.17 0.00	41.77 0.55 0.00	43.83 0.61 0.00	43.63 0.42 0.00	48.38 0.34 0.00	61.69 -0.52 0.00	71.84 -0.30 0.00	87.09 -0.85 0.00	54.69 -1.01 -3.21	49.13 -0.74 -0.01	47.31 -0.60 0.00	51.87 -1.05 0.00	53.18 -0.89 0.00	43.18 -0.87 0.00	38.09 -0.54 0.00
CHERRYST_13_KV_LD 356241	47.61 2.05 -7.21	36.76 2.07 0.00	34.38 2.00 0.00	32.07 1.89 0.00	29.66 1.68 0.00	28.86 1.54 0.00	41.57 2.22 0.00	41.80 2.38 0.00	44.22 2.56 0.00	44.57 2.52 0.01	43.65 2.43 0.00	45.74 2.52 0.00	45.84 2.62 0.00	51.22 3.17 0.00	66.81 4.59 0.00	77.27 5.13 0.00	94.26 6.35 0.02	199.71 3.39 -143.82	53.08 2.88 -0.34	50.40 2.50 0.00	55.96 3.05 0.00	57.20 3.13 0.00	46.48 2.43 0.00	40.66 2.03 0.00

CHESTROR_138KV_BK263 355645	46.50 1.42 -6.73	36.13 1.43 0.00	33.82 1.43 0.00	31.57 1.39 0.00	29.18 1.20 0.00	28.40 1.08 0.00	40.84 1.49 0.00	40.96 1.53 0.00	43.28 1.61 0.00	43.56 1.50 0.01	42.64 1.42 0.00	44.68 1.46 0.00	44.80 1.58 0.00	50.08 2.03 0.00	65.21 3.00 0.00	75.57 3.43 0.00	92.23 4.32 0.03	182.19 2.31 -127.38	52.10 1.93 -0.30	49.58 1.68 0.00	54.99 2.08 0.00	56.19 2.13 0.00	45.62 1.57 0.00	39.96 1.32 0.00
CH_MIDHUDSON___DRP 24192	48.04 1.99 -7.69	36.64 1.95 0.00	34.25 1.87 0.00	31.93 1.76 0.00	29.52 1.55 0.00	28.74 1.43 0.00	41.35 2.00 0.00	41.48 2.05 0.00	43.86 2.19 0.00	44.15 2.09 0.01	43.21 1.99 0.00	45.25 2.03 0.00	45.34 2.13 0.00	50.69 2.65 0.00	66.07 3.85 0.00	76.54 4.40 0.00	93.23 5.32 0.02	198.13 2.97 -142.67	52.71 2.51 -0.34	50.11 2.21 0.00	55.53 2.62 0.00	56.73 2.66 0.00	46.06 2.01 0.00	40.32 1.69 0.00
CH_MISC_IPPS 23765	48.13 2.22 -7.56	36.85 2.15 0.00	34.44 2.06 0.00	32.11 1.94 0.00	29.67 1.70 0.00	28.89 1.57 0.00	41.58 2.23 0.00	41.73 2.31 0.00	44.12 2.45 0.00	44.41 2.35 0.01	43.49 2.27 0.00	45.57 2.36 0.00	45.69 2.47 0.00	51.12 3.08 0.00	66.65 4.43 0.00	77.29 5.14 0.00	94.12 6.21 0.02	195.23 3.45 -139.29	53.11 2.91 -0.33	50.51 2.61 0.00	55.96 3.04 0.00	57.16 3.09 0.00	46.38 2.33 0.00	40.56 1.93 0.00
CH_RES_BVR_FALLS 23983	38.34 -0.01 0.00	34.62 -0.08 0.00	32.26 -0.12 0.00	30.06 -0.12 0.00	27.87 -0.10 0.00	27.24 -0.08 0.00	39.32 -0.03 0.00	39.47 0.04 0.00	41.71 0.04 0.00	42.15 0.08 0.00	41.29 0.07 0.00	43.28 0.06 0.00	43.30 0.08 0.00	48.10 0.05 0.00	62.29 0.08 0.00	72.26 0.11 0.00	88.14 0.20 0.00	52.63 0.13 0.00	50.01 0.15 0.00	48.09 0.19 0.00	53.09 0.17 0.00	54.24 0.17 0.00	44.21 0.15 0.00	38.76 0.12 0.00
CH_RES_NIAGARA 23895	36.89 -1.46 0.00	33.76 -0.94 0.00	31.22 -1.16 0.00	29.09 -1.08 0.00	27.02 -0.95 0.00	26.35 -0.97 0.00	37.56 -1.79 0.00	37.12 -2.30 0.00	39.57 -2.10 0.00	39.78 -2.28 0.00	39.32 -1.90 0.00	41.29 -1.93 0.00	41.07 -2.14 0.00	45.11 -2.93 0.00	57.61 -4.60 0.00	67.65 -4.49 0.00	82.16 -5.78 0.00	48.77 -3.73 0.00	46.34 -3.51 0.00	44.77 -3.13 0.00	48.94 -3.98 0.00	50.21 -3.86 0.00	40.87 -3.17 0.00	36.35 -2.29 0.00
CH_RES_SYRACUSE 23985	38.24 -0.11 0.00	34.72 0.02 0.00	32.34 -0.04 0.00	30.16 -0.01 0.00	28.01 0.03 0.00	27.32 0.00 0.00	39.14 -0.21 0.00	39.09 -0.34 0.00	41.35 -0.32 0.00	41.73 -0.37 -0.03	40.96 -0.26 0.00	43.06 -0.16 0.00	42.96 -0.25 0.00	47.66 -0.39 0.00	61.42 -0.80 0.00	71.18 -0.97 0.00	86.86 -1.21 -0.13	51.89 -0.61 0.00	49.38 -0.48 0.00	47.44 -0.46 0.00	52.39 -0.52 0.00	53.54 -0.53 0.00	43.54 -0.51 0.00	38.21 -0.43 0.00
CLINTON_WT_PWR 323605	38.72 0.37 0.00	34.85 0.16 0.00	32.38 0.00 0.00	30.11 -0.06 0.00	27.94 -0.04 0.00	27.41 0.09 0.00	39.70 0.36 0.00	39.99 0.56 0.00	42.24 0.58 0.00	42.76 0.70 0.00	41.85 0.63 0.00	43.88 0.66 0.00	43.88 0.67 0.00	48.75 0.71 0.00	63.25 1.04 0.00	73.33 1.19 0.00	89.62 1.69 0.00	53.45 0.95 0.00	50.98 1.12 0.00	49.11 1.21 0.00	54.09 1.17 0.00	55.24 1.17 0.00	45.07 1.01 0.00	39.45 0.81 0.00
CLINTON___LFGE 323618	39.01 0.66 0.00	35.12 0.42 0.00	32.58 0.20 0.00	30.30 0.12 0.00	28.11 0.13 0.00	27.60 0.28 0.00	40.00 0.65 0.00	40.28 0.85 0.00	42.46 0.80 0.00	42.97 0.91 0.00	42.02 0.80 0.00	44.03 0.81 0.00	44.03 0.81 0.00	49.23 1.19 0.00	64.09 1.87 0.00	74.23 2.09 0.00	90.81 2.88 0.00	54.05 1.55 0.00	51.65 1.79 0.00	49.84 1.94 0.00	54.87 1.95 0.00	56.01 1.94 0.00	45.68 1.63 0.00	39.95 1.32 0.00
COBBLENY_34_KV_TB1 80064	38.50 0.15 0.00	35.06 0.36 0.00	32.45 0.06 0.00	30.26 0.09 0.00	28.09 0.11 0.00	27.42 0.10 0.00	39.27 -0.08 0.00	38.99 -0.44 0.00	41.48 -0.18 0.00	41.70 -0.37 0.00	41.21 -0.01 0.00	43.22 -0.01 0.00	42.99 -0.23 0.00	47.48 -0.57 0.00	60.61 -1.60 0.00	70.90 -1.25 0.00	86.13 -1.80 0.00	54.24 -1.48 -3.22	48.64 -1.22 -0.01	46.89 -1.01 0.00	51.35 -1.57 0.00	52.63 -1.44 0.00	42.76 -1.29 0.00	37.82 -0.82 0.00
COFFEEN___115KV_TB3 355620	40.09 1.74 0.00	36.21 1.52 0.00	33.73 1.35 0.00	31.43 1.25 0.00	29.13 1.16 0.00	28.47 1.14 0.00	41.01 1.66 0.00	40.83 1.39 0.00	42.99 1.33 0.00	43.20 1.11 -0.02	42.75 1.53 0.00	45.10 1.88 0.00	45.26 2.04 0.00	49.89 1.85 0.00	63.24 1.03 0.00	72.67 0.52 0.00	88.22 0.20 -0.08	53.16 0.66 0.00	51.22 1.36 0.00	50.25 2.35 0.00	55.71 2.79 0.00	57.05 2.98 0.00	46.24 2.20 0.00	40.26 1.62 0.00
COLDSPRG_115KV_BK1 355956	39.52 1.17 0.00	36.08 1.38 0.00	33.45 1.07 0.00	31.24 1.07 0.00	29.01 1.03 0.00	28.41 1.09 0.00	40.77 1.42 0.00	40.75 1.33 0.00	43.25 1.58 0.00	43.42 1.36 0.00	42.92 1.70 0.00	44.88 1.66 0.00	44.57 1.36 0.00	49.47 1.42 0.00	63.17 0.96 0.00	73.42 1.28 0.00	88.97 1.05 0.02	56.03 0.10 -3.44	50.17 0.30 -0.01	48.25 0.35 0.00	52.95 0.04 0.00	54.30 0.23 0.00	44.06 0.01 0.00	38.82 0.19 0.00
COLONIE_LFGE___ 323577	381.95 1.29 -342.31	35.85 1.16 0.00	33.59 1.21 0.00	31.42 1.25 0.00	29.09 1.12 0.00	28.34 1.02 0.00	40.59 1.24 0.00	40.35 0.92 0.00	42.67 1.00 0.00	43.05 0.99 0.00	42.07 0.85 0.00	43.83 0.61 0.00	43.62 0.41 0.00	48.76 0.71 0.00	63.43 1.21 0.00	73.68 1.54 0.00	89.89 1.98 0.02	61.08 1.23 -7.35	50.78 0.90 -0.02	48.71 0.80 0.00	53.93 1.01 0.00	55.17 1.10 0.00	44.90 0.85 0.00	39.43 0.79 0.00
COOPERNY_115KV_TB1 80082	44.07 0.86 -4.86	35.59 0.89 0.00	33.29 0.90 0.00	31.06 0.89 0.00	28.74 0.77 0.00	28.01 0.69 0.00	40.27 0.91 0.00	40.35 0.93 0.00	42.63 0.96 0.00	42.93 0.88 0.01	42.07 0.85 0.00	44.08 0.86 0.00	44.14 0.92 0.00	49.23 1.18 0.00	63.91 1.70 0.00	74.09 1.94 0.00	90.31 2.40 0.03	122.06 1.27 -68.29	51.16 1.14 -0.16	48.91 1.01 0.00	54.13 1.22 0.00	55.31 1.25 0.00	44.97 0.92 0.00	39.40 0.77 0.00
COPENHAGEN_WT_PWR 323753	39.72 1.37 0.00	35.90 1.20 0.00	33.45 1.06 0.00	31.17 0.99 0.00	28.90 0.92 0.00	28.22 0.90 0.00	40.63 1.28 0.00	40.48 1.05 0.00	42.62 0.95 0.00	42.87 0.79 -0.02	42.36 1.14 0.00	44.67 1.45 0.00	44.82 1.61 0.00	49.45 1.41 0.00	62.95 0.74 0.00	72.39 0.25 0.00	88.00 -0.02 -0.09	52.92 0.42 0.00	50.82 0.96 0.00	49.69 1.79 0.00	55.05 2.13 0.00	56.37 2.29 0.00	45.72 1.67 0.00	39.87 1.23 0.00
CORNELL_____ 23752	41.21 0.81 -2.04	35.56 0.86 0.00	33.11 0.73 0.00	30.91 0.73 0.00	28.67 0.69 0.00	28.02 0.70 0.00	40.21 0.86 0.00	40.21 0.78 0.00	42.41 0.74 0.00	42.72 0.67 0.02	42.03 0.82 0.00	44.17 0.95 0.00	44.14 0.93 0.00	48.86 0.82 0.00	62.82 0.61 0.00	72.73 0.58 0.00	88.67 0.79 0.06	57.71 0.62 -4.59	50.64 0.77 -0.01	48.68 0.78 0.00	53.82 0.91 0.00	55.02 0.95 0.00	44.71 0.65 0.00	39.16 0.52 0.00

CORONA__69_KV_TB1 355595	141.72 2.42 -100.95	96.99 2.37 -59.93	89.14 2.22 -54.53	35.96 2.18 -3.61	38.14 2.05 -8.12	75.74 1.91 -46.51	80.07 2.39 -38.33	79.72 2.54 -37.76	84.05 2.72 -39.67	107.55 2.53 -62.96	81.24 2.39 -37.63	73.30 2.48 -27.60	75.44 2.42 -29.80	77.98 3.08 -26.86	101.39 4.40 -34.77	81.08 4.66 -4.28	95.38 5.76 -1.69	254.25 3.21 -198.55	94.05 2.93 -41.26	112.14 2.65 -61.58	120.23 3.33 -63.98	99.00 3.35 -41.59	88.18 2.67 -41.47	74.71 2.16 -33.92
CORTLAND__115KV_TB3 80093	40.43 0.52 -1.56	35.30 0.60 0.00	32.91 0.53 0.00	30.72 0.54 0.00	28.47 0.50 0.00	27.82 0.50 0.00	39.91 0.56 0.00	39.93 0.50 0.00	42.14 0.47 0.00	42.42 0.37 0.02	41.73 0.51 0.00	43.85 0.63 0.00	43.83 0.62 0.00	48.65 0.60 0.00	62.48 0.27 0.00	72.52 0.38 0.00	88.22 0.35 0.07	56.58 0.28 -3.79	50.32 0.45 -0.01	48.34 0.44 0.00	53.41 0.50 0.00	54.59 0.52 0.00	44.36 0.31 0.00	38.87 0.23 0.00
COXSACKIE__GT 23611	34.35 1.88 5.88	36.41 1.72 0.00	34.13 1.75 0.00	31.83 1.66 0.00	29.50 1.53 0.00	28.78 1.46 0.00	41.30 1.95 0.00	41.38 1.96 0.00	43.63 1.96 0.00	43.68 1.62 0.01	42.29 1.07 0.00	44.02 0.80 0.00	44.08 0.87 0.00	49.34 1.30 0.00	64.46 2.24 0.00	76.33 4.19 0.00	93.48 5.57 0.02	81.18 3.31 -25.36	52.37 2.44 -0.06	50.20 2.30 0.00	55.50 2.58 0.00	56.72 2.65 0.00	46.04 1.99 0.00	40.23 1.60 0.00
CPV__VALLEY__CC1 323721	46.29 1.16 -6.77	35.91 1.21 0.00	33.63 1.25 0.00	31.40 1.23 0.00	29.02 1.05 0.00	28.25 0.93 0.00	40.59 1.24 0.00	40.72 1.29 0.00	43.04 1.37 0.00	43.32 1.26 0.01	42.39 1.18 0.00	44.43 1.21 0.00	44.56 1.34 0.00	49.81 1.76 0.00	64.89 2.67 0.00	75.13 2.98 0.00	91.66 3.75 0.03	183.57 1.99 -129.08	51.79 1.63 -0.31	49.29 1.38 0.00	54.65 1.74 0.00	55.85 1.79 0.00	45.34 1.28 0.00	39.69 1.06 0.00
CPV__VALLEY__CC2 323722	46.29 1.16 -6.77	35.91 1.21 0.00	33.63 1.25 0.00	31.40 1.23 0.00	29.02 1.05 0.00	28.25 0.93 0.00	40.59 1.24 0.00	40.72 1.29 0.00	43.04 1.37 0.00	43.32 1.26 0.01	42.39 1.18 0.00	44.43 1.21 0.00	44.56 1.34 0.00	49.81 1.76 0.00	64.89 2.67 0.00	75.13 2.98 0.00	91.66 3.75 0.03	183.57 1.99 -129.08	51.79 1.63 -0.31	49.29 1.38 0.00	54.65 1.74 0.00	55.85 1.79 0.00	45.34 1.28 0.00	39.69 1.06 0.00
CRESCENT__HYD 24018	381.95 1.29 -342.31	35.85 1.16 0.00	33.59 1.21 0.00	31.42 1.25 0.00	29.09 1.12 0.00	28.34 1.02 0.00	40.59 1.24 0.00	40.35 0.92 0.00	42.67 1.00 0.00	43.05 0.99 0.00	42.07 0.85 0.00	43.83 0.61 0.00	43.62 0.41 0.00	48.76 0.71 0.00	63.43 1.21 0.00	73.68 1.54 0.00	89.89 1.98 0.02	61.08 1.23 -7.35	50.78 0.90 -0.02	48.71 0.80 0.00	53.93 1.01 0.00	55.17 1.10 0.00	44.90 0.85 0.00	39.43 0.79 0.00
CRICKET__VALLEY_CC1 323756	64.47 1.50 -24.62	36.20 1.51 0.00	33.86 1.47 0.00	31.57 1.40 0.00	29.20 1.22 0.00	28.43 1.11 0.00	40.89 1.54 0.00	40.90 1.47 0.00	43.24 1.57 0.00	43.50 1.44 0.01	42.48 1.26 0.00	44.44 1.22 0.00	44.45 1.24 0.00	49.65 1.61 0.00	64.67 2.45 0.00	74.97 2.82 0.00	91.62 3.71 0.02	203.96 2.12 -149.35	51.98 1.77 -0.36	49.42 1.52 0.00	54.80 1.89 0.00	56.00 1.93 0.00	45.49 1.44 0.00	39.86 1.22 0.00
CRICKET__VALLEY_CC2 323757	64.47 1.50 -24.62	36.20 1.51 0.00	33.86 1.47 0.00	31.57 1.40 0.00	29.20 1.22 0.00	28.43 1.11 0.00	40.89 1.54 0.00	40.90 1.47 0.00	43.24 1.57 0.00	43.50 1.44 0.01	42.48 1.26 0.00	44.44 1.22 0.00	44.45 1.24 0.00	49.65 1.61 0.00	64.67 2.45 0.00	74.97 2.82 0.00	91.62 3.71 0.02	203.96 2.12 -149.35	51.98 1.77 -0.36	49.42 1.52 0.00	54.80 1.89 0.00	56.00 1.93 0.00	45.49 1.44 0.00	39.86 1.22 0.00
CRICKET__VALLEY_CC3 323758	64.47 1.50 -24.62	36.20 1.51 0.00	33.86 1.47 0.00	31.57 1.40 0.00	29.20 1.22 0.00	28.43 1.11 0.00	40.89 1.54 0.00	40.90 1.47 0.00	43.24 1.57 0.00	43.50 1.44 0.01	42.48 1.26 0.00	44.44 1.22 0.00	44.45 1.24 0.00	49.65 1.61 0.00	64.67 2.45 0.00	74.97 2.82 0.00	91.62 3.71 0.02	203.96 2.12 -149.35	51.98 1.77 -0.36	49.42 1.52 0.00	54.80 1.89 0.00	56.00 1.93 0.00	45.49 1.44 0.00	39.86 1.22 0.00
CRUCIBLE__METL_DRP 24180	38.24 -0.11 0.00	34.72 0.02 0.00	32.34 -0.04 0.00	30.16 -0.01 0.00	28.01 0.03 0.00	27.32 0.00 0.00	39.14 -0.21 0.00	39.09 -0.34 0.00	41.35 -0.32 0.00	41.73 -0.37 -0.03	40.96 -0.26 0.00	43.06 -0.16 0.00	42.96 -0.25 0.00	47.66 -0.39 0.00	61.42 -0.80 0.00	71.18 -0.97 0.00	86.86 -1.21 -0.13	51.89 -0.61 0.00	49.38 -0.48 0.00	47.44 -0.46 0.00	52.39 -0.52 0.00	53.54 -0.53 0.00	43.54 -0.52 0.00	38.21 -0.43 0.00
DAHOWA__HYDRO 323763	266.33 2.25 -225.72	36.69 1.99 0.00	34.28 1.89 0.00	32.08 1.91 0.00	29.71 1.74 0.00	29.01 1.69 0.00	41.59 2.24 0.00	41.13 1.70 0.00	43.32 1.66 0.00	43.70 1.64 0.00	42.56 1.34 0.00	44.34 1.12 0.00	44.13 0.91 0.00	49.58 1.54 0.00	64.75 2.53 0.00	75.41 3.27 0.00	91.61 3.70 0.02	58.05 2.16 -3.39	51.68 1.82 -0.01	49.57 1.66 0.00	54.89 1.98 0.00	56.21 2.14 0.00	45.64 1.59 0.00	40.14 1.50 0.00
DANC__LFGE 323619	39.00 0.65 0.00	35.32 0.62 0.00	32.90 0.52 0.00	30.68 0.50 0.00	28.44 0.47 0.00	27.74 0.42 0.00	39.84 0.49 0.00	39.72 0.30 0.00	41.89 0.22 0.00	42.20 0.10 -0.03	41.64 0.42 0.00	43.90 0.68 0.00	43.97 0.76 0.00	48.58 0.53 0.00	62.09 -0.13 0.00	71.54 -0.60 0.00	87.00 -1.05 -0.12	52.22 -0.28 0.00	50.01 0.15 0.00	48.61 0.71 0.00	53.82 0.91 0.00	55.13 1.05 0.00	44.74 0.69 0.00	39.10 0.47 0.00
DANSKAMMER__1 23586	48.13 2.22 -7.56	36.85 2.15 0.00	34.44 2.06 0.00	32.11 1.94 0.00	29.67 1.70 0.00	28.89 1.57 0.00	41.58 2.23 0.00	41.73 2.31 0.00	44.12 2.45 0.00	44.41 2.35 0.01	43.49 2.27 0.00	45.57 2.36 0.00	45.69 2.47 0.00	51.12 3.08 0.00	66.65 4.43 0.00	77.29 5.14 0.00	94.12 6.21 0.02	195.23 3.45 -139.29	53.11 2.91 -0.33	50.51 2.61 0.00	55.96 3.04 0.00	57.16 3.09 0.00	46.38 2.33 0.00	40.56 1.93 0.00
DANSKAMMER__2 23589	48.13 2.22 -7.56	36.85 2.15 0.00	34.44 2.06 0.00	32.11 1.94 0.00	29.67 1.70 0.00	28.89 1.57 0.00	41.58 2.23 0.00	41.73 2.31 0.00	44.12 2.45 0.00	44.41 2.35 0.01	43.49 2.27 0.00	45.57 2.36 0.00	45.69 2.47 0.00	51.12 3.08 0.00	66.65 4.43 0.00	77.29 5.14 0.00	94.12 6.21 0.02	195.23 3.45 -139.29	53.11 2.91 -0.33	50.51 2.61 0.00	55.96 3.04 0.00	57.16 3.09 0.00	46.38 2.33 0.00	40.56 1.93 0.00
DANSKAMMER__3 23590	48.13 2.22 -7.56	36.85 2.15 0.00	34.44 2.06 0.00	32.11 1.94 0.00	29.67 1.70 0.00	28.89 1.57 0.00	41.58 2.23 0.00	41.73 2.31 0.00	44.12 2.45 0.00	44.41 2.35 0.01	43.49 2.27 0.00	45.57 2.36 0.00	45.69 2.47 0.00	51.12 3.08 0.00	66.65 4.43 0.00	77.29 5.14 0.00	94.12 6.21 0.02	195.23 3.45 -139.29	53.11 2.91 -0.33	50.51 2.61 0.00	55.96 3.04 0.00	57.16 3.09 0.00	46.38 2.33 0.00	40.56 1.93 0.00

DANSKAMMER___4 23591	48.13 2.22 -7.56	36.85 2.15 0.00	34.44 2.06 0.00	32.11 1.94 0.00	29.67 1.70 0.00	28.89 1.57 0.00	41.58 2.23 0.00	41.73 2.31 0.00	44.12 2.45 0.00	44.41 2.35 0.01	43.49 2.27 0.00	45.57 2.36 0.00	45.69 2.47 0.00	51.12 3.08 0.00	66.65 4.43 0.00	77.29 5.14 0.00	94.12 6.21 0.02	195.23 3.45 -139.29	53.11 2.91 -0.33	50.51 2.61 0.00	55.96 3.04 0.00	57.16 3.09 0.00	46.38 2.33 0.00	40.56 1.93 0.00
DANSKAMMER___DIESEL 23592	48.14 2.22 -7.56	36.85 2.15 0.00	34.44 2.06 0.00	32.11 1.94 0.00	29.67 1.70 0.00	28.89 1.57 0.00	41.58 2.23 0.00	41.73 2.31 0.00	44.12 2.45 0.00	44.41 2.35 0.01	43.49 2.27 0.00	45.58 2.36 0.00	45.69 2.47 0.00	51.12 3.07 0.00	66.65 4.43 0.00	77.29 5.14 0.00	94.12 6.21 0.02	195.23 3.45 -139.29	53.11 2.92 -0.33	50.51 2.61 0.00	55.96 3.04 0.00	57.16 3.09 0.00	46.38 2.33 0.00	40.56 1.93 0.00
DARBY___SOLAR 323810	283.57 2.03 -243.18	36.51 1.81 0.00	34.14 1.75 0.00	31.94 1.76 0.00	29.57 1.60 0.00	28.87 1.55 0.00	41.37 2.02 0.00	40.95 1.52 0.00	43.17 1.50 0.00	43.55 1.49 0.00	42.42 1.20 0.00	44.20 0.98 0.00	44.01 0.79 0.00	49.44 1.40 0.00	64.51 2.30 0.00	75.11 2.97 0.00	91.28 3.37 0.02	58.63 1.96 -4.17	51.50 1.63 -0.01	49.39 1.49 0.00	54.69 1.78 0.00	55.98 1.90 0.00	45.48 1.43 0.00	39.99 1.35 0.00
DASHVILLE___HYD 23610	52.30 2.64 -11.31	37.17 2.48 0.00	34.72 2.34 0.00	32.36 2.18 0.00	29.90 1.92 0.00	29.11 1.79 0.00	41.92 2.57 0.00	42.15 2.73 0.00	44.58 2.91 0.00	44.86 2.80 0.01	43.86 2.64 0.00	45.93 2.71 0.00	46.09 2.87 0.00	51.62 3.57 0.00	67.46 5.25 0.00	77.96 5.81 0.00	94.20 6.29 0.02	164.28 3.52 -108.26	53.00 2.89 -0.26	50.45 2.55 0.00	55.94 3.02 0.00	57.11 3.04 0.00	46.33 2.28 0.00	40.50 1.86 0.00
DELAWARE___LFGE 323621	48.04 0.89 -8.79	35.62 0.93 0.00	33.29 0.91 0.00	31.05 0.87 0.00	28.76 0.79 0.00	28.05 0.73 0.00	40.33 0.98 0.00	40.41 0.99 0.00	42.67 1.00 0.00	42.97 0.92 0.02	42.17 0.95 0.00	44.20 0.98 0.00	44.29 1.08 0.00	49.26 1.21 0.00	63.69 1.48 0.00	73.75 1.61 0.00	89.88 2.00 0.06	62.52 1.18 -8.84	51.10 1.22 -0.02	49.02 1.12 0.00	54.14 1.23 0.00	55.30 1.23 0.00	45.00 0.95 0.00	39.44 0.80 0.00
DERFIELD_115KV_TB7 355931	38.43 0.08 0.00	34.80 0.11 0.00	32.52 0.14 0.00	30.33 0.15 0.00	28.10 0.12 0.00	27.42 0.11 0.00	39.42 0.07 0.00	39.45 0.02 0.00	41.67 0.00 0.00	42.04 -0.02 0.00	41.18 -0.04 0.00	43.16 -0.06 0.00	43.17 -0.04 0.00	48.04 -0.01 0.00	62.26 0.05 0.00	72.16 0.02 0.00	87.85 -0.09 0.00	52.45 -0.05 0.00	49.81 -0.05 0.00	47.82 -0.08 0.00	52.91 0.00 0.00	54.07 0.00 0.00	44.02 -0.03 0.00	38.61 -0.02 0.00
DOGLEVILLE___HYD 23807	38.78 0.43 0.00	35.22 0.52 0.00	33.05 0.67 0.00	30.88 0.70 0.00	28.59 0.62 0.00	27.93 0.61 0.00	39.97 0.62 0.00	39.61 0.18 0.00	41.64 -0.03 0.00	41.81 -0.25 0.00	40.39 -0.83 0.00	42.19 -1.03 0.00	42.36 -0.85 0.00	47.92 -0.12 0.00	63.11 0.90 0.00	73.35 1.21 0.00	88.88 0.94 0.00	53.00 0.50 0.00	49.99 0.13 0.00	47.85 -0.05 0.00	53.33 0.42 0.00	54.60 0.53 0.00	44.26 0.21 0.00	38.70 0.06 0.00
DUNKIRK___115KV_TB_200 55889	38.73 0.38 0.00	35.32 0.63 0.00	32.72 0.33 0.00	30.55 0.37 0.00	28.33 0.36 0.00	27.75 0.43 0.00	39.71 0.36 0.00	39.58 0.16 0.00	41.97 0.30 0.00	42.11 0.05 0.00	41.65 0.43 0.00	43.73 0.51 0.00	43.53 0.32 0.00	48.27 0.22 0.00	61.56 -0.65 0.00	71.68 -0.46 0.00	86.90 -1.04 0.00	54.57 -1.12 -3.20	49.04 -0.83 -0.01	47.21 -0.69 0.00	51.78 -1.14 0.00	53.07 -1.00 0.00	43.10 -0.95 0.00	38.02 -0.62 0.00
DUNKIRK___1 23563	38.73 0.38 0.00	35.32 0.63 0.00	32.72 0.33 0.00	30.55 0.37 0.00	28.33 0.36 0.00	27.75 0.43 0.00	39.71 0.36 0.00	39.58 0.16 0.00	41.97 0.30 0.00	42.11 0.05 0.00	41.65 0.43 0.00	43.73 0.51 0.00	43.53 0.32 0.00	48.27 0.22 0.00	61.56 -0.65 0.00	71.68 -0.46 0.00	86.90 -1.04 0.00	54.57 -1.12 -3.20	49.04 -0.83 -0.01	47.21 -0.69 0.00	51.78 -1.14 0.00	53.07 -1.00 0.00	43.10 -0.95 0.00	38.02 -0.62 0.00
DUNKIRK___2 23564	38.73 0.38 0.00	35.32 0.63 0.00	32.72 0.33 0.00	30.55 0.37 0.00	28.33 0.36 0.00	27.75 0.43 0.00	39.71 0.36 0.00	39.58 0.16 0.00	41.97 0.30 0.00	42.11 0.05 0.00	41.65 0.43 0.00	43.73 0.51 0.00	43.53 0.32 0.00	48.27 0.22 0.00	61.56 -0.65 0.00	71.68 -0.46 0.00	86.90 -1.04 0.00	54.57 -1.12 -3.20	49.04 -0.83 -0.01	47.21 -0.69 0.00	51.78 -1.14 0.00	53.07 -1.00 0.00	43.10 -0.95 0.00	38.02 -0.62 0.00
DUNKIRK___3 23565	38.52 0.17 0.00	35.13 0.44 0.00	32.54 0.16 0.00	30.38 0.20 0.00	28.17 0.20 0.00	27.58 0.26 0.00	39.46 0.11 0.00	39.29 -0.14 0.00	41.68 0.01 0.00	41.84 -0.22 0.00	41.37 0.15 0.00	43.40 0.18 0.00	43.21 -0.01 0.00	47.87 -0.18 0.00	61.09 -1.13 0.00	71.18 -0.96 0.00	86.32 -1.61 0.00	54.23 -1.44 -3.17	48.73 -1.14 -0.01	46.92 -0.98 0.00	51.46 -1.46 0.00	52.75 -1.32 0.00	42.85 -1.21 0.00	37.83 -0.81 0.00
DUNKIRK___4 23566	38.52 0.17 0.00	35.13 0.44 0.00	32.54 0.16 0.00	30.38 0.20 0.00	28.17 0.20 0.00	27.58 0.26 0.00	39.46 0.11 0.00	39.29 -0.14 0.00	41.68 0.01 0.00	41.84 -0.22 0.00	41.37 0.15 0.00	43.40 0.18 0.00	43.21 -0.01 0.00	47.87 -0.18 0.00	61.09 -1.13 0.00	71.18 -0.96 0.00	86.32 -1.61 0.00	54.23 -1.44 -3.17	48.73 -1.14 -0.01	46.92 -0.98 0.00	51.46 -1.46 0.00	52.75 -1.32 0.00	42.85 -1.21 0.00	37.83 -0.81 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.45 1.89 -7.21	36.61 1.91 0.00	34.24 1.86 0.00	31.95 1.77 0.00	29.53 1.56 0.00	28.74 1.43 0.00	41.35 2.00 0.00	41.53 2.10 0.00	43.93 2.26 0.00	44.24 2.19 0.01	43.30 2.08 0.00	45.35 2.13 0.00	45.46 2.25 0.00	50.78 2.73 0.00	66.18 3.96 0.00	76.61 4.47 0.00	93.47 5.56 0.02	199.33 3.00 -143.83	52.78 2.57 -0.34	50.15 2.25 0.00	55.65 2.74 0.00	56.88 2.81 0.00	46.20 2.14 0.00	40.44 1.81 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.61 1.87 -7.39	36.52 1.82 0.00	34.17 1.78 0.00	31.87 1.70 0.00	29.45 1.48 0.00	28.67 1.35 0.00	41.24 1.89 0.00	41.39 1.96 0.00	43.75 2.08 0.00	44.04 1.98 0.01	43.10 1.88 0.00	45.17 1.95 0.00	45.30 2.09 0.00	50.68 2.63 0.00	66.03 3.82 0.00	76.55 4.41 0.00	93.26 5.35 0.02	188.28 2.91 -132.87	52.63 2.46 -0.32	50.06 2.16 0.00	55.50 2.59 0.00	56.72 2.65 0.00	46.01 1.96 0.00	40.26 1.62 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.35 1.79 -7.21	36.63 1.93 0.00	34.24 1.86 0.00	31.93 1.76 0.00	29.53 1.56 0.00	28.73 1.41 0.00	41.31 1.96 0.00	41.55 2.13 0.00	43.97 2.30 0.00	44.22 2.16 0.01	43.33 2.11 0.00	45.40 2.18 0.00	45.50 2.28 0.00	50.81 2.77 0.00	66.36 4.14 0.00	76.72 4.58 0.00	93.52 5.61 0.02	199.33 2.99 -143.84	52.73 2.52 -0.34	50.10 2.20 0.00	55.73 2.81 0.00	56.92 2.85 0.00	46.22 2.17 0.00	40.47 1.84 0.00

E179THST_13_KV_LOAD 356214	47.58 2.02 -7.21	36.83 2.14 0.00	34.42 2.04 0.00	32.10 1.92 0.00	29.68 1.70 0.00	28.87 1.55 0.00	41.53 2.18 0.00	41.78 2.35 0.00	44.21 2.54 0.00	44.47 2.42 0.01	43.60 2.38 0.00	45.69 2.46 0.00	45.78 2.57 0.00	51.14 3.10 0.00	66.78 4.57 0.00	77.19 5.05 0.00	94.14 6.22 0.02	199.69 3.36 -143.84	53.06 2.86 -0.34	50.42 2.52 0.00	56.07 3.15 0.00	57.27 3.20 0.00	46.51 2.46 0.00	40.72 2.08 0.00
EAST HAMPTON___GT 23717	52.62 1.89 -12.38	40.42 1.72 -4.01	37.65 1.62 -3.64	32.64 2.23 -0.24	30.17 2.51 0.31	27.94 2.45 1.83	44.35 2.98 -2.01	45.64 3.70 -2.52	48.92 4.59 -2.66	51.60 4.52 -5.02	47.44 4.16 -2.06	47.93 3.97 -0.73	48.00 3.21 -1.57	52.28 2.70 -1.54	67.80 3.27 -2.32	76.62 4.21 -0.27	92.94 4.92 -0.08	215.71 1.97 -161.24	70.73 2.50 -18.36	54.78 2.59 -4.30	61.23 3.37 -4.95	61.08 3.45 -3.56	46.26 2.82 0.61	42.40 1.83 -1.94
EAST RIVER___6 23660	47.50 1.94 -7.21	36.67 1.97 0.00	34.29 1.90 0.00	31.98 1.81 0.00	29.58 1.60 0.00	28.78 1.46 0.00	41.43 2.08 0.00	41.64 2.21 0.00	44.04 2.37 0.00	44.37 2.32 0.01	43.46 2.24 0.00	45.53 2.32 0.00	45.64 2.43 0.00	50.98 2.93 0.00	66.51 4.29 0.00	76.90 4.76 0.00	93.78 5.87 0.02	199.43 3.10 -143.83	52.86 2.66 -0.34	50.21 2.31 0.00	55.76 2.85 0.00	57.03 2.96 0.00	46.36 2.31 0.00	40.54 1.91 0.00
EAST RIVER___7 23524	47.50 1.94 -7.21	36.67 1.97 0.00	34.29 1.90 0.00	31.98 1.81 0.00	29.58 1.60 0.00	28.78 1.46 0.00	41.43 2.08 0.00	41.64 2.21 0.00	44.04 2.37 0.00	44.37 2.32 0.01	43.46 2.24 0.00	45.53 2.32 0.00	45.64 2.43 0.00	50.98 2.93 0.00	66.51 4.29 0.00	76.90 4.76 0.00	93.78 5.87 0.02	199.43 3.10 -143.83	52.86 2.66 -0.34	50.21 2.31 0.00	55.76 2.85 0.00	57.03 2.96 0.00	46.36 2.31 0.00	40.54 1.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.35 1.80 -7.20	36.51 1.82 0.00	34.17 1.78 0.00	31.87 1.70 0.00	29.47 1.49 0.00	28.68 1.36 0.00	41.26 1.91 0.00	41.42 1.99 0.00	43.81 2.14 0.00	44.12 2.06 0.01	43.17 1.96 0.00	45.23 2.01 0.00	45.34 2.12 0.00	50.67 2.62 0.00	66.04 3.82 0.00	76.43 4.29 0.00	93.25 5.34 0.02	198.84 2.89 -143.45	52.66 2.46 -0.34	50.05 2.15 0.00	55.52 2.61 0.00	56.74 2.67 0.00	46.07 2.02 0.00	40.34 1.70 0.00
EAST_HAMPTON___DIESEL 23722	52.51 1.78 -12.38	40.32 1.62 -4.01	37.57 1.54 -3.64	32.59 2.18 -0.24	30.13 2.48 0.31	27.92 2.42 1.83	44.29 2.93 -2.01	45.63 3.68 -2.52	48.93 4.60 -2.66	51.61 4.53 -5.02	47.45 4.18 -2.06	47.92 3.97 -0.73	47.96 3.17 -1.57	52.17 2.58 -1.54	67.64 3.11 -2.32	76.49 4.08 -0.27	92.73 4.72 -0.08	215.59 1.85 -161.24	70.62 2.39 -18.36	54.67 2.47 -4.30	61.11 3.25 -4.95	60.97 3.34 -3.56	46.18 2.74 0.61	42.30 1.73 -1.94
EAST_POINT___SOLAR 323840	125.31 2.56 -84.40	36.89 2.19 0.00	34.22 1.83 0.00	31.94 1.77 0.00	29.67 1.69 0.00	29.00 1.68 0.00	41.73 2.38 0.00	41.83 2.40 0.00	43.97 2.30 0.00	43.59 1.54 0.01	41.87 0.65 0.00	43.89 0.67 0.00	44.39 1.17 0.00	50.25 2.20 0.00	66.33 4.12 0.00	76.23 4.08 0.00	92.93 5.02 0.03	56.01 3.52 0.00	52.85 3.00 0.00	50.86 2.96 0.00	56.72 3.80 0.00	57.91 3.84 0.00	47.10 3.05 0.00	41.18 2.55 0.00
EAST_PULASKI___ESR 323781	38.28 -0.07 0.00	34.73 0.03 0.00	32.37 -0.02 0.00	30.18 0.01 0.00	27.99 0.02 0.00	27.28 -0.04 0.00	39.10 -0.25 0.00	39.02 -0.41 0.00	41.21 -0.45 0.00	41.58 -0.53 -0.05	40.92 -0.30 0.00	43.07 -0.15 0.00	43.05 -0.16 0.00	47.70 -0.35 0.00	61.24 -0.97 0.00	70.74 -1.40 0.00	86.14 -1.97 -0.17	51.58 -0.92 0.00	49.25 -0.61 0.00	47.57 -0.33 0.00	52.63 -0.29 0.00	53.87 -0.20 0.00	43.76 -0.29 0.00	38.33 -0.31 0.00
EAST_RIVER___1 323558	47.49 1.93 -7.21	36.66 1.97 0.00	34.29 1.90 0.00	31.98 1.80 0.00	29.57 1.60 0.00	28.77 1.45 0.00	41.42 2.07 0.00	41.64 2.21 0.00	44.05 2.38 0.00	44.37 2.32 0.01	43.46 2.24 0.00	45.53 2.31 0.00	45.63 2.42 0.00	50.98 2.93 0.00	66.52 4.30 0.00	76.92 4.78 0.00	93.83 5.92 0.02	199.45 3.13 -143.82	52.86 2.66 -0.34	50.21 2.31 0.00	55.77 2.86 0.00	57.01 2.94 0.00	46.33 2.28 0.00	40.54 1.90 0.00
EAST_RIVER___2 323559	47.50 1.94 -7.21	36.67 1.97 0.00	34.29 1.90 0.00	31.98 1.81 0.00	29.58 1.60 0.00	28.78 1.46 0.00	41.43 2.08 0.00	41.64 2.21 0.00	44.04 2.37 0.00	44.37 2.32 0.01	43.46 2.24 0.00	45.53 2.32 0.00	45.64 2.43 0.00	50.98 2.93 0.00	66.51 4.29 0.00	76.90 4.76 0.00	93.78 5.87 0.02	199.43 3.10 -143.83	52.86 2.66 -0.34	50.21 2.31 0.00	55.76 2.85 0.00	57.03 2.96 0.00	46.36 2.31 0.00	40.54 1.91 0.00
EAST___DELAWARE_HYD 23607	47.28 1.39 -7.53	36.04 1.35 0.00	33.68 1.30 0.00	31.40 1.22 0.00	29.02 1.05 0.00	28.26 0.94 0.00	40.69 1.34 0.00	40.86 1.43 0.00	43.18 1.51 0.00	43.45 1.40 0.01	42.47 1.25 0.00	44.48 1.27 0.00	44.59 1.37 0.00	49.85 1.80 0.00	65.03 2.81 0.00	75.64 3.49 0.00	91.87 3.96 0.03	158.64 2.08 -104.06	51.87 1.77 -0.25	49.48 1.58 0.00	54.81 1.90 0.00	55.99 1.92 0.00	45.42 1.36 0.00	39.71 1.07 0.00
EIGHT_POINT___WT_PWR 323820	40.58 0.57 -1.66	35.52 0.82 0.00	32.97 0.58 0.00	30.81 0.63 0.00	28.55 0.57 0.00	27.97 0.65 0.00	40.12 0.77 0.00	40.05 0.62 0.00	42.43 0.77 0.00	42.56 0.51 0.01	41.96 0.74 0.00	43.79 0.57 0.00	43.64 0.43 0.00	48.31 0.27 0.00	61.95 -0.27 0.00	71.93 -0.21 0.00	87.30 -0.60 0.03	55.82 -0.69 -4.02	49.72 -0.14 -0.01	47.92 0.02 0.00	52.75 -0.17 0.00	54.00 -0.07 0.00	43.90 -0.15 0.00	38.64 0.01 0.00
ELBRIDGE_115KV_TB2 80188	37.94 -0.42 0.00	34.44 -0.26 0.00	32.07 -0.31 0.00	29.92 -0.26 0.00	27.80 -0.18 0.00	27.08 -0.23 0.00	38.82 -0.53 0.00	38.77 -0.66 0.00	41.00 -0.66 0.00	41.39 -0.71 -0.04	40.57 -0.65 0.00	42.67 -0.55 0.00	42.57 -0.65 0.00	47.20 -0.84 0.00	60.84 -1.37 0.00	70.54 -1.61 0.00	86.10 -2.00 -0.16	51.44 -1.05 0.00	48.88 -0.98 0.00	46.99 -0.91 0.00	51.86 -1.05 0.00	53.01 -1.06 0.00	43.16 -0.89 0.00	37.91 -0.73 0.00
ELEC_TRO_TEK 24086	96.46 2.13 -55.98	68.65 2.13 -31.83	63.36 2.02 -28.96	34.07 1.98 -1.91	33.36 1.87 -3.52	49.18 1.74 -20.12	61.34 2.15 -19.85	61.78 2.30 -20.05	65.20 2.47 -21.07	78.39 2.27 -34.05	62.87 2.09 -19.56	58.75 2.13 -13.40	60.32 2.08 -15.03	64.69 2.67 -13.96	84.49 3.82 -18.46	78.35 4.02 -2.19	93.80 5.02 -0.85	240.53 2.77 -185.26	88.49 2.52 -36.11	81.76 2.21 -31.65	88.62 2.82 -32.89	76.50 2.83 -19.60	64.58 2.29 -18.24	57.76 1.86 -17.27
ELLENBURG_WT_PWR 323604	38.72 0.37 0.00	34.85 0.16 0.00	32.38 0.00 0.00	30.11 -0.06 0.00	27.94 -0.04 0.00	27.41 0.09 0.00	39.70 0.36 0.00	39.99 0.56 0.00	42.24 0.58 0.00	42.76 0.70 0.00	41.85 0.63 0.00	43.88 0.66 0.00	43.88 0.67 0.00	48.75 0.71 0.00	63.25 1.04 0.00	73.33 1.19 0.00	89.62 1.69 0.00	53.45 0.95 0.00	50.98 1.12 0.00	49.11 1.21 0.00	54.09 1.17 0.00	55.24 1.17 0.00	45.07 1.01 0.00	39.45 0.81 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.09 -0.26 0.00	34.70 0.00 0.00	32.11 -0.28 0.00	29.93 -0.24 0.00	27.79 -0.18 0.00	27.13 -0.18 0.00	38.78 -0.57 0.00	38.47 -0.96 0.00	40.93 -0.74 0.00	41.15 -0.92 0.00	40.66 -0.56 0.00	42.67 -0.55 0.00	42.44 -0.78 0.00	46.80 -1.24 0.00	59.78 -2.44 0.00	69.93 -2.21 0.00	84.94 -3.00 0.00	53.33 -2.14 -2.97	47.93 -1.94 -0.01	46.23 -1.67 0.00	50.62 -2.30 0.00	51.88 -2.19 0.00	42.18 -1.87 0.00	37.38 -1.26 0.00
EMPIRE_CC_1 323656	29.42 0.06 8.99	34.89 0.19 0.00	32.77 0.39 0.00	30.60 0.42 0.00	28.33 0.35 0.00	27.59 0.27 0.00	39.43 0.08 0.00	39.40 -0.02 0.00	41.59 -0.07 0.00	41.86 -0.20 0.01	40.95 -0.27 0.00	42.84 -0.38 0.00	42.84 -0.38 0.00	47.75 -0.30 0.00	62.01 -0.20 0.00	71.91 -0.23 0.00	87.64 -0.27 0.02	42.12 -0.09 10.30	49.56 -0.28 0.02	47.64 -0.26 0.00	52.68 -0.24 0.00	53.85 -0.22 0.00	43.85 -0.20 0.00	38.51 -0.12 0.00
EMPIRE_CC_2 323658	29.42 0.06 8.99	34.89 0.19 0.00	32.77 0.39 0.00	30.60 0.42 0.00	28.33 0.35 0.00	27.59 0.27 0.00	39.43 0.08 0.00	39.40 -0.02 0.00	41.59 -0.07 0.00	41.86 -0.20 0.01	40.95 -0.27 0.00	42.84 -0.38 0.00	42.84 -0.38 0.00	47.75 -0.30 0.00	62.01 -0.20 0.00	71.91 -0.23 0.00	87.64 -0.27 0.02	42.12 -0.09 10.30	49.56 -0.28 0.02	47.64 -0.26 0.00	52.68 -0.24 0.00	53.85 -0.22 0.00	43.85 -0.20 0.00	38.51 -0.12 0.00
ENORWICH_115KV_TB1 80156	45.20 2.70 -4.15	37.32 2.62 0.00	34.66 2.28 0.00	32.33 2.16 0.00	30.06 2.09 0.00	29.48 2.16 0.00	42.50 3.15 0.00	42.52 3.10 0.00	44.63 2.97 0.00	45.01 2.97 0.02	44.16 2.95 0.00	46.39 3.17 0.00	46.64 3.43 0.00	51.66 3.61 0.00	66.14 3.93 0.00	76.81 4.67 0.00	93.97 6.10 0.07	62.48 3.64 -6.34	53.75 3.87 -0.02	51.63 3.73 0.00	56.99 4.08 0.00	58.24 4.17 0.00	47.18 3.13 0.00	41.16 2.53 0.00
ERIE_ST__34_KV_TB1-2 80199	38.64 0.29 0.00	35.18 0.48 0.00	32.55 0.16 0.00	30.33 0.15 0.00	28.16 0.18 0.00	27.51 0.18 0.00	39.36 0.01 0.00	39.12 -0.31 0.00	41.63 -0.04 0.00	41.86 -0.21 0.00	41.35 0.13 0.00	43.35 0.14 0.00	43.16 -0.06 0.00	47.65 -0.40 0.00	60.92 -1.29 0.00	71.24 -0.91 0.00	86.44 -1.49 0.00	54.36 -1.28 -3.14	48.82 -1.05 -0.01	47.07 -0.83 0.00	51.54 -1.37 0.00	52.78 -1.29 0.00	42.87 -1.18 0.00	37.92 -0.71 0.00
ERIE_WT_PWR 323693	38.36 0.00 0.00	34.94 0.24 0.00	32.32 -0.06 0.00	30.12 -0.05 0.00	27.96 -0.01 0.00	27.31 -0.01 0.00	39.05 -0.30 0.00	38.77 -0.66 0.00	41.23 -0.43 0.00	41.47 -0.59 0.00	40.97 -0.25 0.00	42.98 -0.23 0.00	42.74 -0.47 0.00	47.16 -0.89 0.00	60.28 -1.94 0.00	70.47 -1.67 0.00	85.57 -2.37 0.00	53.82 -1.77 -3.09	48.33 -1.54 -0.01	46.60 -1.30 0.00	51.03 -1.89 0.00	52.29 -1.78 0.00	42.50 -1.56 0.00	37.65 -0.98 0.00
ESPRGFLD_115KV_TB1 80157	100.71 1.82 -60.54	36.33 1.64 0.00	33.70 1.32 0.00	31.42 1.25 0.00	29.17 1.20 0.00	28.51 1.19 0.00	41.17 1.82 0.00	41.41 1.98 0.00	43.71 2.04 0.00	44.07 2.02 0.01	43.18 1.96 0.00	45.36 2.14 0.00	45.57 2.35 0.00	50.51 2.47 0.00	65.29 3.07 0.00	75.26 3.12 0.00	91.82 3.92 0.04	55.10 2.61 0.00	52.60 2.74 0.00	50.50 2.60 0.00	55.81 2.90 0.00	56.93 2.86 0.00	46.33 2.28 0.00	40.55 1.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.14 0.74 -2.05	35.49 0.79 0.00	33.06 0.68 0.00	30.86 0.68 0.00	28.62 0.64 0.00	27.97 0.65 0.00	40.14 0.79 0.00	40.13 0.71 0.00	42.34 0.67 0.00	42.64 0.59 0.02	41.94 0.72 0.00	44.07 0.85 0.00	44.05 0.84 0.00	48.80 0.75 0.00	62.72 0.51 0.00	72.66 0.52 0.00	88.55 0.67 0.06	57.61 0.52 -4.59	50.55 0.68 -0.01	48.58 0.68 0.00	53.71 0.79 0.00	54.91 0.83 0.00	44.62 0.57 0.00	39.08 0.45 0.00
ETNA____115KV_TB2 80207	41.14 0.74 -2.05	35.49 0.79 0.00	33.06 0.68 0.00	30.86 0.68 0.00	28.62 0.64 0.00	27.97 0.65 0.00	40.14 0.79 0.00	40.13 0.71 0.00	42.34 0.67 0.00	42.64 0.59 0.02	41.94 0.72 0.00	44.07 0.85 0.00	44.05 0.84 0.00	48.80 0.75 0.00	62.72 0.51 0.00	72.66 0.52 0.00	88.55 0.67 0.06	57.61 0.52 -4.59	50.55 0.68 -0.01	48.58 0.68 0.00	53.71 0.79 0.00	54.91 0.83 0.00	44.62 0.57 0.00	39.08 0.45 0.00
EUCLID__115KV_TB2 356179	38.06 -0.29 0.00	34.57 -0.13 0.00	32.22 -0.16 0.00	30.07 -0.11 0.00	27.87 -0.10 0.00	27.20 -0.12 0.00	38.95 -0.40 0.00	38.89 -0.54 0.00	41.14 -0.53 0.00	41.50 -0.58 -0.01	40.78 -0.44 0.00	42.84 -0.37 0.00	42.78 -0.44 0.00	47.47 -0.58 0.00	61.17 -1.05 0.00	70.90 -1.24 0.00	86.42 -1.55 -0.04	51.67 -0.83 0.00	49.17 -0.69 0.00	47.25 -0.65 0.00	52.16 -0.75 0.00	53.30 -0.77 0.00	43.34 -0.71 0.00	38.03 -0.60 0.00
E_CANADA_CAP_HY 24051	119.03 2.22 -78.46	36.60 1.90 0.00	33.90 1.51 0.00	31.63 1.46 0.00	29.39 1.42 0.00	28.71 1.39 0.00	41.43 2.08 0.00	41.55 2.12 0.00	43.78 2.11 0.00	44.11 2.05 0.01	42.90 1.68 0.00	45.00 1.78 0.00	45.25 2.04 0.00	50.41 2.36 0.00	65.74 3.53 0.00	75.85 3.71 0.00	92.41 4.50 0.03	55.55 3.05 0.00	52.87 3.01 0.00	50.73 2.83 0.00	56.29 3.38 0.00	57.42 3.35 0.00	46.75 2.70 0.00	40.95 2.31 0.00
E_CANADA_MHWK_HY 24050	38.78 0.43 0.00	35.22 0.52 0.00	33.05 0.66 0.00	30.88 0.70 0.00	28.59 0.62 0.00	27.93 0.61 0.00	39.97 0.62 0.00	39.61 0.19 0.00	41.64 -0.03 0.00	41.82 -0.25 0.00	40.39 -0.83 0.00	42.19 -1.03 0.00	42.36 -0.85 0.00	47.92 -0.12 0.00	63.11 0.90 0.00	73.35 1.21 0.00	88.88 0.94 0.00	53.00 0.50 0.00	49.99 0.13 0.00	47.85 -0.05 0.00	53.33 0.42 0.00	54.61 0.53 0.00	44.26 0.21 0.00	38.70 0.06 0.00
E_FISHKILL__LBMP 23776	47.23 1.55 -7.32	36.27 1.58 0.00	33.95 1.56 0.00	31.66 1.49 0.00	29.28 1.30 0.00	28.50 1.18 0.00	40.99 1.64 0.00	41.10 1.67 0.00	43.44 1.78 0.00	43.74 1.69 0.01	42.80 1.58 0.00	44.81 1.59 0.00	44.89 1.67 0.00	50.15 2.10 0.00	65.32 3.11 0.00	75.67 3.52 0.00	92.34 4.43 0.02	202.43 2.42 -147.51	52.26 2.05 -0.35	49.67 1.77 0.00	55.10 2.19 0.00	56.30 2.23 0.00	45.73 1.68 0.00	40.06 1.42 0.00
FALCON__SEABRD_CC1 323796	39.13 0.78 0.00	35.23 0.53 0.00	32.71 0.33 0.00	30.42 0.25 0.00	28.21 0.24 0.00	27.72 0.40 0.00	40.12 0.77 0.00	40.42 0.99 0.00	42.67 1.00 0.00	43.22 1.16 0.00	42.29 1.07 0.00	44.33 1.11 0.00	44.32 1.10 0.00	49.34 1.29 0.00	64.05 1.84 0.00	74.23 2.09 0.00	90.73 2.79 0.00	54.03 1.53 0.00	51.67 1.81 0.00	49.81 1.91 0.00	54.79 1.87 0.00	55.92 1.85 0.00	45.62 1.57 0.00	39.92 1.28 0.00
FALCON__SEABRD_CC2 323797	39.13 0.78 0.00	35.23 0.53 0.00	32.71 0.33 0.00	30.42 0.25 0.00	28.21 0.24 0.00	27.72 0.40 0.00	40.12 0.77 0.00	40.42 0.99 0.00	42.67 1.00 0.00	43.22 1.16 0.00	42.29 1.07 0.00	44.33 1.11 0.00	44.32 1.10 0.00	49.34 1.29 0.00	64.05 1.84 0.00	74.23 2.09 0.00	90.73 2.79 0.00	54.03 1.53 0.00	51.67 1.81 0.00	49.81 1.91 0.00	54.79 1.87 0.00	55.92 1.85 0.00	45.62 1.57 0.00	39.92 1.28 0.00

FAR ROCKAWAY___4 23548	145.11 2.71 -104.05	99.04 2.62 -61.73	91.01 2.46 -56.17	36.28 2.39 -3.72	38.82 2.26 -8.59	78.61 2.11 -49.18	81.65 2.68 -39.62	81.15 2.83 -38.89	85.59 3.07 -40.86	109.61 2.89 -64.66	82.87 2.78 -38.88	74.87 2.90 -28.75	76.90 2.84 -30.85	79.33 3.55 -27.74	103.08 5.05 -35.81	81.94 5.38 -4.42	96.05 6.37 -1.74	252.76 3.57 -196.70	91.72 3.30 -38.56	114.65 3.16 -63.59	122.88 3.90 -66.07	101.39 3.90 -43.43	90.78 3.07 -43.66	76.21 2.51 -35.07
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.51 1.95 -7.21	36.68 1.98 0.00	34.30 1.92 0.00	31.99 1.82 0.00	29.58 1.60 0.00	28.79 1.47 0.00	41.44 2.09 0.00	41.66 2.23 0.00	44.08 2.41 0.00	44.40 2.34 0.01	43.49 2.27 0.00	45.56 2.34 0.00	45.66 2.44 0.00	51.00 2.96 0.00	66.53 4.32 0.00	76.96 4.82 0.00	93.86 5.95 0.02	199.49 3.16 -143.83	52.88 2.68 -0.34	50.22 2.33 0.00	55.79 2.88 0.00	57.03 2.96 0.00	46.35 2.30 0.00	40.54 1.91 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.53 1.97 -7.21	36.69 1.99 0.00	34.31 1.93 0.00	32.01 1.83 0.00	29.59 1.61 0.00	28.80 1.48 0.00	41.45 2.10 0.00	41.68 2.25 0.00	44.09 2.42 0.00	44.41 2.35 0.01	43.49 2.27 0.00	45.56 2.34 0.00	45.66 2.45 0.00	51.01 2.96 0.00	66.55 4.34 0.00	76.97 4.83 0.00	93.90 5.99 0.02	199.50 3.18 -143.83	52.89 2.69 -0.34	50.25 2.35 0.00	55.82 2.91 0.00	57.07 3.00 0.00	46.38 2.33 0.00	40.58 1.95 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.48 1.92 -7.21	36.65 1.95 0.00	34.27 1.89 0.00	31.98 1.80 0.00	29.56 1.59 0.00	28.77 1.45 0.00	41.41 2.06 0.00	41.64 2.21 0.00	44.05 2.38 0.00	44.37 2.32 0.01	43.44 2.23 0.00	45.52 2.30 0.00	45.62 2.41 0.00	50.96 2.91 0.00	66.49 4.27 0.00	76.90 4.76 0.00	93.78 5.87 0.02	199.44 3.11 -143.83	52.84 2.63 -0.34	50.18 2.28 0.00	55.74 2.83 0.00	56.99 2.92 0.00	46.32 2.26 0.00	40.51 1.88 0.00
FARRAGUT___LBMP 323566	47.45 1.89 -7.21	36.62 1.92 0.00	34.25 1.87 0.00	31.95 1.77 0.00	29.55 1.57 0.00	28.75 1.43 0.00	41.37 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.31 2.26 0.01	43.40 2.19 0.00	45.46 2.24 0.00	45.57 2.35 0.00	50.89 2.85 0.00	66.40 4.19 0.00	76.79 4.65 0.00	93.67 5.76 0.02	199.38 3.06 -143.83	52.78 2.58 -0.34	50.13 2.24 0.00	55.69 2.78 0.00	56.94 2.87 0.00	46.28 2.23 0.00	40.49 1.85 0.00
FENNER___WINDPWR 24204	39.26 0.91 0.00	35.55 0.85 0.00	33.15 0.77 0.00	30.93 0.75 0.00	28.67 0.69 0.00	28.01 0.69 0.00	40.25 0.90 0.00	40.29 0.86 0.00	42.52 0.85 0.00	42.81 0.76 0.01	42.06 0.84 0.00	44.26 1.04 0.00	44.27 1.05 0.00	49.17 1.12 0.00	63.21 1.00 0.00	73.25 1.11 0.00	89.13 1.23 0.04	53.33 0.83 0.00	50.85 0.99 0.00	48.84 0.94 0.00	54.06 1.15 0.00	55.25 1.18 0.00	44.88 0.83 0.00	39.30 0.66 0.00
FIBERTEK___ENERGY 23856	38.24 -0.11 0.00	34.72 0.02 0.00	32.34 -0.04 0.00	30.16 -0.01 0.00	28.01 0.03 0.00	27.32 0.00 0.00	39.14 -0.21 0.00	39.09 -0.34 0.00	41.35 -0.32 0.00	41.73 -0.37 -0.03	40.96 -0.26 0.00	43.06 -0.16 0.00	42.96 -0.25 0.00	47.66 -0.39 0.00	61.42 -0.80 0.00	71.18 -0.97 0.00	86.86 -1.21 -0.13	51.89 -0.61 0.00	49.38 -0.48 0.00	47.44 -0.46 0.00	52.39 -0.52 0.00	53.54 -0.53 0.00	43.54 -0.52 0.00	38.21 -0.43 0.00
FITZPATRICK___ 23598	37.30 -1.05 0.00	33.88 -0.82 0.00	31.60 -0.78 0.00	29.47 -0.70 0.00	27.33 -0.64 0.00	26.66 -0.66 0.00	38.15 -1.20 0.00	38.07 -1.35 0.00	40.26 -1.41 0.00	40.45 -1.45 0.16	39.87 -1.35 0.00	41.88 -1.34 0.00	41.82 -1.39 0.00	46.43 -1.62 0.00	59.91 -2.31 0.00	69.47 -2.67 0.00	83.99 -3.33 0.62	50.63 -1.87 0.00	48.13 -1.73 0.00	46.27 -1.63 0.00	51.07 -1.84 0.00	52.20 -1.87 0.00	42.48 -1.58 0.00	37.32 -1.32 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.19 2.30 -7.54	36.92 2.22 0.00	34.51 2.12 0.00	32.18 2.00 0.00	29.73 1.76 0.00	28.94 1.62 0.00	41.66 2.31 0.00	41.81 2.39 0.00	44.20 2.54 0.00	44.50 2.45 0.01	43.58 2.36 0.00	45.67 2.45 0.00	45.79 2.58 0.00	51.25 3.20 0.00	66.81 4.60 0.00	77.48 5.34 0.00	94.38 6.46 0.02	196.70 3.59 -140.61	53.24 3.05 -0.33	50.63 2.73 0.00	56.08 3.17 0.00	57.27 3.20 0.00	46.48 2.43 0.00	40.65 2.01 0.00
FORT ORANGE___ 23900	20.24 0.28 18.39	35.03 0.33 0.00	32.91 0.52 0.00	30.73 0.56 0.00	28.46 0.49 0.00	27.74 0.42 0.00	39.73 0.38 0.00	39.75 0.32 0.00	41.92 0.25 0.00	42.13 0.08 0.00	41.15 -0.07 0.00	43.04 -0.18 0.00	43.09 -0.12 0.00	48.09 0.05 0.00	62.57 0.35 0.00	72.85 0.71 0.00	88.90 0.99 0.02	53.12 0.62 0.00	50.17 0.31 0.00	48.16 0.26 0.00	53.26 0.34 0.00	54.40 0.33 0.00	44.24 0.19 0.00	38.77 0.13 0.00
FORT_DRUM_COGEN 23780	39.91 1.56 0.00	36.06 1.36 0.00	33.60 1.21 0.00	31.30 1.12 0.00	29.02 1.05 0.00	28.34 1.02 0.00	40.85 1.50 0.00	40.69 1.26 0.00	42.82 1.15 0.00	43.06 0.97 -0.02	42.55 1.33 0.00	44.88 1.66 0.00	45.05 1.84 0.00	49.70 1.66 0.00	63.25 1.04 0.00	72.67 0.53 0.00	88.34 0.33 -0.08	53.14 0.64 0.00	51.05 1.19 0.00	49.98 2.08 0.00	55.37 2.45 0.00	56.69 2.62 0.00	45.99 1.94 0.00	40.07 1.44 0.00
FOX_HILLS___ESR 323835	47.45 1.89 -7.21	36.83 2.13 0.00	34.43 2.04 0.00	32.13 1.95 0.00	29.70 1.72 0.00	28.88 1.56 0.00	41.51 2.16 0.00	41.67 2.25 0.00	43.94 2.28 0.00	44.27 2.22 0.01	43.48 2.27 0.00	45.56 2.34 0.00	45.69 2.47 0.00	51.06 3.01 0.00	66.63 4.42 0.00	77.03 4.88 0.00	94.03 6.12 0.02	100.42 3.03 -44.89	52.46 2.51 -0.09	50.11 2.21 0.00	82.91 2.99 -27.00	70.70 3.20 -13.44	46.46 2.39 -0.02	47.50 1.98 -6.88
FPL_FAR_ROCK_GT1 24212	145.11 2.71 -104.05	99.04 2.62 -61.73	91.01 2.46 -56.17	36.29 2.39 -3.72	38.82 2.26 -8.59	78.61 2.11 -49.18	81.65 2.68 -39.62	81.16 2.84 -38.89	85.59 3.06 -40.86	109.61 2.88 -64.66	82.88 2.78 -38.88	74.85 2.89 -28.75	76.90 2.84 -30.85	79.33 3.54 -27.74	103.08 5.05 -35.81	81.94 5.38 -4.42	96.04 6.36 -1.74	252.77 3.58 -196.70	91.71 3.29 -38.56	114.65 3.16 -63.59	122.88 3.89 -66.07	101.38 3.89 -43.43	90.77 3.06 -43.66	76.21 2.50 -35.07
FPL_FAR_ROCK_GT2 23815	145.11 2.71 -104.05	99.04 2.62 -61.73	91.01 2.46 -56.17	36.29 2.39 -3.72	38.82 2.26 -8.59	78.61 2.11 -49.18	81.65 2.68 -39.62	81.16 2.84 -38.89	85.59 3.06 -40.86	109.61 2.88 -64.66	82.88 2.78 -38.88	74.85 2.89 -28.75	76.90 2.84 -30.85	79.33 3.54 -27.74	103.08 5.05 -35.81	81.94 5.38 -4.42	96.04 6.36 -1.74	252.77 3.58 -196.70	91.71 3.29 -38.56	114.65 3.16 -63.59	122.88 3.89 -66.07	101.38 3.89 -43.43	90.77 3.06 -43.66	76.21 2.50 -35.07
FRANKLIN_FALL_HYD 24054	39.01 0.65 0.00	35.09 0.40 0.00	32.57 0.18 0.00	30.29 0.11 0.00	28.11 0.13 0.00	27.58 0.26 0.00	39.99 0.65 0.00	40.33 0.90 0.00	42.55 0.88 0.00	42.95 0.89 0.00	41.94 0.72 0.00	43.93 0.71 0.00	44.02 0.80 0.00	48.87 0.82 0.00	63.38 1.17 0.00	73.49 1.35 0.00	89.73 1.79 0.00	53.44 0.94 0.00	51.18 1.32 0.00	49.37 1.47 0.00	54.43 1.51 0.00	55.65 1.58 0.00	45.35 1.30 0.00	39.65 1.01 0.00

FREEPORT_EQUS_GT1 23764	87.28	62.67	57.94	33.87	32.90	45.91	57.76	58.16	61.40	71.78	59.31	56.04	57.00	62.05	80.71	77.73	93.62	230.80	80.05	74.53	81.11	72.11	60.67	54.01
	2.24	2.28	2.18	2.15	2.00	1.88	2.33	2.54	2.72	2.49	2.25	2.24	2.20	2.79	3.59	3.90	5.04	2.85	2.62	2.29	2.91	2.94	2.54	2.06
	-46.69	-25.69	-23.38	-1.55	-2.92	-16.71	-16.07	-16.19	-17.01	-27.22	-15.83	-10.58	-11.59	-11.21	-14.91	-1.69	-0.65	-175.46	-27.58	-24.33	-25.28	-15.10	-14.08	-13.32
FREEPORT___CT2 23818	87.28	62.67	57.94	33.87	32.90	45.91	57.76	58.16	61.40	71.78	59.31	56.04	57.00	62.05	80.71	77.73	93.62	230.80	80.05	74.53	81.11	72.11	60.67	54.01
	2.24	2.28	2.18	2.15	2.00	1.88	2.33	2.54	2.72	2.49	2.25	2.24	2.20	2.79	3.59	3.90	5.04	2.85	2.62	2.29	2.91	2.94	2.54	2.06
	-46.69	-25.69	-23.38	-1.55	-2.92	-16.71	-16.07	-16.19	-17.01	-27.22	-15.83	-10.58	-11.59	-11.21	-14.91	-1.69	-0.65	-175.46	-27.58	-24.33	-25.28	-15.10	-14.08	-13.32
FRESHKLS_33_KV_LOAD 356253	47.41	36.90	34.50	32.21	29.76	28.95	41.58	41.68	43.89	44.21	43.47	45.52	45.65	51.03	66.66	77.09	94.20	100.45	52.41	50.07	83.00	70.99	46.60	47.58
	1.85	2.21	2.12	2.03	1.79	1.63	2.23	2.25	2.22	2.16	2.26	2.30	2.44	2.99	4.45	4.95	6.29	3.05	2.47	2.17	3.09	3.47	2.53	2.06
	-7.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	-44.89	-0.09	0.00	-27.00	-13.44	-0.02	-6.88
FULTON COGEN____ 23766	37.66	34.21	31.88	29.73	27.58	26.92	38.51	38.45	40.68	41.10	40.32	42.37	42.30	46.96	60.49	70.11	85.62	51.11	48.65	46.80	51.66	52.80	42.91	37.67
	-0.69	-0.49	-0.50	-0.45	-0.39	-0.41	-0.84	-0.98	-0.99	-1.02	-0.90	-0.85	-0.91	-1.08	-1.72	-2.03	-2.52	-1.39	-1.21	-1.11	-1.25	-1.27	-1.14	-0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	126.52	36.66	34.06	31.80	29.51	28.83	41.50	41.53	43.58	43.94	42.32	44.23	44.51	50.00	66.02	76.03	92.45	55.56	52.64	50.40	56.14	57.34	46.65	40.81
	2.27	1.97	1.68	1.62	1.54	1.51	2.15	2.10	1.91	1.89	1.10	1.01	1.30	1.96	3.81	3.88	4.54	3.06	2.78	2.50	3.23	3.27	2.60	2.18
	-85.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G.F.CEMENT___DRP 24184	236.90	37.04	34.56	32.38	29.97	29.32	42.02	41.41	43.51	43.92	42.70	44.57	44.43	50.08	65.36	76.06	92.12	54.91	51.92	49.77	55.11	56.46	45.77	40.33
	2.62	2.34	2.18	2.20	2.00	2.00	2.67	1.98	1.85	1.86	1.48	1.36	1.22	2.03	3.14	3.91	4.21	2.41	2.06	1.86	2.20	2.38	1.72	1.69
	-195.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GARDENVILLE___LBMP 24039	38.25	34.86	32.26	30.08	27.93	27.27	39.00	38.68	41.15	41.37	40.86	42.83	42.60	47.00	60.06	70.18	85.20	53.71	48.13	46.45	50.86	52.15	42.40	37.55
	-0.10	0.17	-0.12	-0.10	-0.05	-0.05	-0.35	-0.75	-0.52	-0.70	-0.36	-0.39	-0.61	-1.04	-2.16	-1.97	-2.74	-1.99	-1.73	-1.45	-2.05	-1.92	-1.65	-1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.20	-0.01	0.00	0.00	0.00	0.00	0.00
GARDNVLA_35_KV_LD 355827	38.39	34.95	32.33	30.14	27.98	27.32	39.08	38.80	41.27	41.49	41.01	43.03	42.81	47.25	60.37	70.61	85.75	53.91	48.43	46.69	51.12	52.38	42.57	37.69
	0.04	0.26	-0.05	-0.04	0.00	0.00	-0.27	-0.63	-0.39	-0.57	-0.20	-0.19	-0.40	-0.79	-1.85	-1.53	-2.19	-1.68	-1.44	-1.21	-1.79	-1.69	-1.48	-0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.09	-0.01	0.00	0.00	0.00	0.00	0.00
GELCKHM___115KV_LOAD 80723	38.12	34.61	32.26	30.10	27.91	27.23	39.02	38.96	41.20	41.58	40.83	42.91	42.84	47.53	61.25	70.96	86.55	51.73	49.23	47.31	52.23	53.38	43.40	38.09
	-0.23	-0.09	-0.13	-0.08	-0.06	-0.09	-0.33	-0.46	-0.46	-0.50	-0.39	-0.31	-0.37	-0.52	-0.97	-1.19	-1.46	-0.77	-0.63	-0.59	-0.68	-0.69	-0.65	-0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GENERAL___MILLS 23808	38.33	34.91	32.29	30.11	27.95	27.30	39.04	38.73	41.21	41.42	40.93	42.94	42.72	47.15	60.23	70.44	85.52	53.79	48.29	46.57	51.00	52.27	42.49	37.62
	-0.03	0.21	-0.09	-0.07	-0.03	-0.02	-0.31	-0.69	-0.46	-0.65	-0.29	-0.28	-0.49	-0.89	-1.98	-1.71	-2.41	-1.80	-1.58	-1.33	-1.91	-1.80	-1.57	-1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.09	-0.01	0.00	0.00	0.00	0.00	0.00
GE_PLASTICS___DRP 24183	30.32	34.90	32.81	30.64	28.38	27.66	39.64	39.68	41.86	42.12	41.19	43.13	43.18	48.15	62.56	72.63	88.54	47.35	50.04	48.05	53.13	54.27	44.17	38.72
	0.01	0.20	0.42	0.47	0.40	0.34	0.29	0.25	0.19	0.06	-0.02	-0.09	-0.04	0.10	0.34	0.48	0.63	0.37	0.19	0.15	0.21	0.20	0.12	0.08
	8.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	5.52	0.01	0.00	0.00	0.00	0.00	0.00
GILBOA___1 23756	42.85	35.30	33.15	30.94	28.65	27.84	39.95	39.96	42.14	42.47	41.65	43.56	43.57	48.50	62.86	72.73	88.53	38.70	50.29	48.32	53.41	54.54	44.50	39.04
	0.56	0.60	0.77	0.76	0.67	0.51	0.60	0.54	0.48	0.41	0.43	0.34	0.36	0.45	0.65	0.59	0.62	0.43	0.46	0.42	0.49	0.47	0.44	0.40
	-3.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	14.23	0.03	0.00	0.00	0.00	0.00	0.00
GILBOA___2 23757	42.85	35.30	33.15	30.94	28.65	27.84	39.95	39.96	42.14	42.47	41.65	43.56	43.57	48.50	62.86	72.73	88.53	38.70	50.29	48.32	53.41	54.54	44.50	39.04
	0.56	0.60	0.77	0.76	0.67	0.51	0.60	0.54	0.48	0.41	0.43	0.34	0.36	0.45	0.65	0.59	0.62	0.43	0.46	0.42	0.49	0.47	0.44	0.40
	-3.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	14.23	0.03	0.00	0.00	0.00	0.00	0.00
GILBOA___3 23758	42.85	35.30	33.15	30.94	28.65	27.84	39.95	39.96	42.14	42.47	41.65	43.56	43.57	48.50	62.86	72.73	88.53	38.70	50.29	48.32	53.41	54.54	44.50	39.04
	0.56	0.60	0.77	0.76	0.67	0.51	0.60	0.54	0.48	0.41	0.43	0.34	0.36	0.45	0.65	0.59	0.62	0.43	0.46	0.42	0.49	0.47	0.44	0.40
	-3.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	14.23	0.03	0.00	0.00	0.00	0.00	0.00
GILBOA___4 23759	42.85	35.30	33.15	30.94	28.65	27.84	39.95	39.96	42.14	42.47	41.65	43.56	43.57	48.50	62.86	72.73	88.53	38.70	50.29	48.32	53.41	54.54	44.50	39.04
	0.56	0.60	0.77	0.76	0.67	0.51	0.60	0.54	0.48	0.41	0.43	0.34	0.36	0.45	0.65	0.59	0.62	0.43	0.46	0.42	0.49	0.47	0.44	0.40
	-3.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.03	14.23	0.03	0.00	0.00	0.00	0.00	0.00

GILBOA____ 23599	42.85 0.56 -3.94	35.30 0.61 0.00	33.15 0.77 0.00	30.94 0.76 0.00	28.65 0.67 0.00	27.84 0.51 0.00	39.95 0.60 0.00	39.96 0.54 0.00	42.14 0.48 0.00	42.47 0.42 0.01	41.64 0.43 0.00	43.56 0.33 0.00	43.57 0.36 0.00	48.50 0.46 0.00	62.86 0.65 0.00	72.73 0.59 0.00	88.53 0.62 0.03	38.70 0.43 14.23	50.29 0.47 0.03	48.32 0.42 0.00	53.41 0.50 0.00	54.54 0.47 0.00	44.50 0.44 0.00	39.04 0.40 0.00
GINNA____ 23603	36.50 -1.85 0.00	33.15 -1.55 0.00	30.77 -1.62 0.00	28.66 -1.52 0.00	26.63 -1.35 0.00	25.99 -1.33 0.00	37.26 -2.09 0.00	37.15 -2.28 0.00	39.47 -2.20 0.00	39.78 -2.29 -0.01	39.15 -2.07 0.00	41.07 -2.15 0.00	40.86 -2.35 0.00	45.15 -2.90 0.00	58.00 -4.21 0.00	67.65 -4.49 0.00	82.47 -5.49 -0.03	49.16 -3.34 0.00	46.70 -3.16 0.00	45.00 -2.90 0.00	49.46 -3.45 0.00	50.58 -3.49 0.00	41.05 -3.00 0.00	36.18 -2.46 0.00
GLEN PARK____ 23778	40.02 1.66 0.00	36.16 1.46 0.00	33.68 1.29 0.00	31.37 1.20 0.00	29.09 1.11 0.00	28.41 1.09 0.00	40.95 1.60 0.00	40.76 1.34 0.00	42.91 1.24 0.00	43.13 1.05 -0.02	42.69 1.47 0.00	45.03 1.81 0.00	45.19 1.97 0.00	49.80 1.75 0.00	63.21 0.99 0.00	72.63 0.48 0.00	88.19 0.17 -0.08	53.10 0.60 0.00	51.15 1.28 0.00	50.15 2.25 0.00	55.58 2.67 0.00	56.91 2.84 0.00	46.14 2.09 0.00	40.18 1.55 0.00
GLENDALE_27_KV_LOAD 356172	47.65 2.09 -7.21	36.86 2.16 0.00	34.45 2.07 0.00	32.13 1.95 0.00	29.70 1.73 0.00	28.91 1.59 0.00	41.62 2.28 0.00	41.87 2.44 0.00	44.31 2.65 0.00	44.64 2.58 0.01	43.75 2.53 0.00	45.84 2.62 0.00	45.94 2.73 0.00	51.27 3.22 0.00	66.92 4.70 0.00	77.36 5.22 0.00	94.35 6.44 0.02	199.72 3.38 -143.84	53.10 2.90 -0.34	50.47 2.57 0.00	56.08 3.16 0.00	57.30 3.23 0.00	46.56 2.51 0.00	40.76 2.12 0.00
GLENWOOD_IC_1_G5 23712	80.25 2.25 -39.64	58.52 2.23 -21.59	54.15 2.12 -19.65	33.51 2.05 -1.29	31.72 1.87 -1.87	39.73 1.74 -10.67	54.76 2.28 -13.13	55.46 2.43 -13.60	58.61 2.64 -14.30	68.07 2.53 -23.48	56.46 2.25 -12.99	53.59 2.15 -8.22	55.01 2.20 -9.60	60.09 2.78 -9.27	78.76 4.02 -12.53	77.93 4.36 -1.43	93.93 5.45 -0.54	235.42 2.98 -179.94	86.22 2.62 -33.74	70.79 2.27 -20.63	77.16 2.82 -21.43	68.45 2.83 -11.55	56.05 2.22 -9.78	51.84 2.06 -11.15
GLENWOOD_IC_2_G1 23688	48.42 2.01 -8.05	37.29 2.01 -0.58	34.85 1.94 -0.53	32.08 1.87 -0.03	29.69 1.69 -0.02	29.01 1.56 -0.13	41.76 2.08 -0.34	41.99 2.19 -0.37	44.41 2.36 -0.38	44.96 2.24 -0.65	43.65 2.10 -0.33	45.54 2.13 -0.19	45.66 2.20 -0.25	51.02 2.73 -0.24	66.50 3.95 -0.34	76.51 4.33 -0.04	93.32 5.39 0.01	200.73 2.94 -145.29	54.16 2.57 -1.73	50.73 2.26 -0.57	56.29 2.78 -0.59	57.16 2.83 -0.26	46.43 2.21 -0.17	40.78 1.84 -0.30
GLENWOOD_IC_3_G1 23689	48.42 2.01 -8.05	37.29 2.01 -0.58	34.85 1.94 -0.53	32.08 1.87 -0.03	29.69 1.69 -0.02	29.01 1.56 -0.13	41.76 2.08 -0.34	41.99 2.19 -0.37	44.41 2.36 -0.38	44.96 2.24 -0.65	43.65 2.10 -0.33	45.54 2.13 -0.19	45.66 2.20 -0.25	51.02 2.73 -0.24	66.50 3.95 -0.34	76.51 4.33 -0.04	93.32 5.39 0.01	200.73 2.94 -145.29	54.16 2.57 -1.73	50.73 2.26 -0.57	56.29 2.78 -0.59	57.16 2.83 -0.26	46.43 2.21 -0.17	40.78 1.84 -0.30
GLENWOOD____4 23550	80.25 2.25 -39.64	58.52 2.23 -21.59	54.15 2.12 -19.65	33.51 2.05 -1.29	31.72 1.87 -1.87	39.73 1.74 -10.67	54.76 2.28 -13.13	55.46 2.43 -13.60	58.61 2.64 -14.30	68.07 2.53 -23.48	56.50 2.29 -12.99	53.70 2.26 -8.22	55.12 2.30 -9.60	60.21 2.90 -9.27	78.91 4.17 -12.53	78.12 4.55 -1.43	94.14 5.66 -0.54	235.55 3.11 -179.94	86.34 2.74 -33.74	70.91 2.39 -20.63	77.28 2.94 -21.43	68.57 2.95 -11.55	56.15 2.32 -9.78	51.84 2.06 -11.15
GLENWOOD____5 23614	80.25 2.25 -39.64	58.52 2.23 -21.59	54.15 2.12 -19.65	33.51 2.05 -1.29	31.72 1.87 -1.87	39.73 1.74 -10.67	54.76 2.28 -13.13	55.46 2.43 -13.60	58.61 2.64 -14.30	68.07 2.53 -23.48	56.50 2.29 -12.99	53.70 2.26 -8.22	55.12 2.30 -9.60	60.21 2.90 -9.27	78.91 4.17 -12.53	78.12 4.55 -1.43	94.14 5.66 -0.54	235.55 3.11 -179.94	86.34 2.74 -33.74	70.91 2.39 -20.63	77.28 2.94 -21.43	68.57 2.95 -11.55	56.15 2.32 -9.78	51.84 2.06 -11.15
GLOBAL GREEN_PORT_GT1 23814	53.04 2.30 -12.38	40.81 2.10 -4.01	37.99 1.96 -3.64	32.86 2.45 -0.24	30.21 2.55 0.31	27.97 2.48 1.83	44.47 3.10 -2.01	45.62 3.67 -2.52	48.74 4.41 -2.66	51.39 4.31 -5.02	47.22 3.95 -2.06	47.73 3.77 -0.73	47.99 3.21 -1.57	52.60 3.01 -1.54	68.35 3.82 -2.32	77.04 4.63 -0.27	93.58 5.56 -0.08	215.77 2.03 -161.24	70.95 2.73 -18.37	55.15 2.96 -4.30	61.57 3.70 -4.95	61.42 3.79 -3.57	46.49 3.05 0.61	42.73 2.16 -1.94
GLOBE____DSASP 323697	36.80 -1.55 0.00	33.68 -1.01 0.00	31.16 -1.22 0.00	29.04 -1.14 0.00	26.97 -1.00 0.00	26.29 -1.03 0.00	37.48 -1.87 0.00	37.04 -2.38 0.00	39.49 -2.18 0.00	39.70 -2.36 0.00	39.24 -1.98 0.00	41.20 -2.02 0.00	40.98 -2.24 0.00	45.02 -3.03 0.00	57.47 -4.74 0.00	67.51 -4.63 0.00	81.98 -5.95 0.00	48.67 -3.83 0.00	46.25 -3.61 0.00	44.68 -3.22 0.00	48.83 -4.08 0.00	50.10 -3.97 0.00	40.80 -3.26 0.00	36.27 -2.36 0.00
GOETHSLN____LBMP 323567	47.21 1.65 -7.21	36.42 1.72 0.00	34.08 1.70 0.00	31.80 1.62 0.00	29.38 1.41 0.00	28.60 1.28 0.00	41.15 1.80 0.00	41.38 1.95 0.00	43.75 2.08 0.00	44.04 1.98 0.01	43.14 1.92 0.00	45.17 1.95 0.00	45.27 2.05 0.00	50.60 2.55 0.00	66.02 3.81 0.00	76.31 4.17 0.00	93.06 5.15 0.02	100.01 2.63 -44.88	52.14 2.19 -0.09	49.82 1.92 0.00	55.42 2.50 0.00	56.64 2.57 0.00	46.05 2.00 0.00	40.27 1.64 0.00
GOLAH____69_KV_TB 1_2 80279	38.62 0.27 0.00	35.07 0.37 0.00	32.48 0.10 0.00	30.30 0.12 0.00	28.12 0.14 0.00	27.48 0.16 0.00	39.30 -0.05 0.00	39.13 -0.30 0.00	41.57 -0.10 0.00	41.86 -0.20 -0.01	41.23 0.01 0.00	43.21 -0.01 0.00	42.88 -0.33 0.00	47.32 -0.72 0.00	60.67 -1.54 0.00	70.98 -1.16 0.00	86.44 -1.51 -0.02	51.48 -1.02 0.00	48.92 -0.94 0.00	47.20 -0.70 0.00	51.83 -1.09 0.00	53.06 -1.01 0.00	43.08 -0.97 0.00	37.99 -0.64 0.00
GOODYEAR_LAKE_HYD 323669	58.78 1.31 -19.11	35.96 1.27 0.00	33.53 1.15 0.00	31.25 1.08 0.00	28.98 1.01 0.00	28.30 0.97 0.00	40.75 1.40 0.00	40.91 1.49 0.00	43.19 1.53 0.00	43.52 1.47 0.01	42.75 1.53 0.00	44.83 1.61 0.00	44.98 1.77 0.00	49.95 1.90 0.00	64.48 2.26 0.00	74.50 2.36 0.00	90.89 3.01 0.05	61.37 1.88 -6.99	51.82 1.94 -0.02	49.73 1.83 0.00	54.91 1.99 0.00	56.04 1.97 0.00	45.58 1.53 0.00	39.92 1.28 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.48 0.28 -2.85	35.16 0.46 0.00	32.80 0.41 0.00	30.62 0.44 0.00	28.36 0.39 0.00	27.74 0.42 0.00	39.76 0.41 0.00	39.80 0.37 0.00	42.05 0.38 0.00	42.28 0.24 0.03	41.61 0.39 0.00	43.63 0.41 0.00	43.62 0.40 0.00	48.53 0.49 0.00	62.43 0.22 0.00	72.40 0.26 0.00	87.98 0.14 0.10	58.95 -0.09 -6.54	50.02 0.15 -0.02	48.01 0.11 0.00	53.00 0.09 0.00	54.18 0.10 0.00	44.05 -0.01 0.00	38.63 -0.01 0.00

GOUDEY___7 23579	41.48 0.28 -2.85	35.16 0.46 0.00	32.80 0.41 0.00	30.62 0.44 0.00	28.36 0.39 0.00	27.74 0.42 0.00	29.76 0.41 0.00	39.80 0.37 0.00	42.05 0.38 0.00	42.28 0.24 0.03	41.61 0.39 0.00	43.63 0.41 0.00	43.62 0.40 0.00	48.53 0.49 0.00	62.43 0.22 0.00	72.40 0.26 0.00	87.98 0.14 0.10	58.95 -0.09 -6.54	50.02 0.15 -0.02	48.01 0.11 0.00	53.00 0.09 0.00	54.18 0.10 0.00	44.05 -0.01 0.00	38.63 -0.01 0.00
GOUDEY___8 23580	41.48 0.28 -2.85	35.16 0.46 0.00	32.80 0.41 0.00	30.62 0.44 0.00	28.36 0.39 0.00	27.74 0.42 0.00	29.76 0.41 0.00	39.80 0.37 0.00	42.05 0.38 0.00	42.28 0.24 0.03	41.61 0.39 0.00	43.63 0.41 0.00	43.62 0.40 0.00	48.53 0.49 0.00	62.43 0.22 0.00	72.40 0.26 0.00	87.98 0.14 0.10	58.95 -0.09 -6.54	50.02 0.15 -0.02	48.01 0.11 0.00	53.00 0.09 0.00	54.18 0.10 0.00	44.05 -0.01 0.00	38.63 -0.01 0.00
GOWANUS_GT1_1 24077	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT1_2 24078	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT1_3 24079	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT1_4 24080	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT1_5 24084	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT1_6 24111	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT1_7 24112	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT1_8 24113	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT2_1 24114	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT2_2 24115	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT2_3 24116	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT2_4 24117	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT2_5 24118	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88

GOWANUS_GT2_6 24119	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT2_7 24120	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT2_8 24121	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT3_1 24122	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT3_2 24123	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT3_3 24124	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT3_4 24125	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT3_5 24126	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT3_6 24127	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT3_7 24128	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT3_8 24129	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
GOWANUS_GT4_1 24130	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT4_2 24131	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT4_3 24132	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT4_4 24133	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88

GOWANUS_GT4_5 24134	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT4_6 24135	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT4_7 24136	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GOWANUS_GT4_8 24137	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GREATVRV_69_KV_BK1 356245	55.66 2.85 -14.46	42.80 2.78 -5.32	39.80 2.58 -4.84	33.08 2.59 -0.32	30.21 2.37 0.12	28.83 2.25 0.74	45.11 2.90 -2.86	45.90 3.12 -3.35	48.53 3.34 -3.53	51.52 3.09 -6.37	46.79 2.68 -2.89	47.10 2.56 -1.32	47.86 2.48 -2.17	53.21 3.04 -2.12	69.54 4.24 -3.09	76.85 4.36 -0.35	93.50 5.45 -0.11	217.86 3.16 -162.21	72.07 3.16 -19.05	56.18 2.93 -5.34	62.35 3.59 -5.85	60.95 3.61 -3.27	47.27 2.99 -0.24	43.77 2.52 -2.61
GREENBSH_115KV_TB3 55895	18.16 -0.02 20.16	34.78 0.08 0.00	32.69 0.31 0.00	30.53 0.36 0.00	28.27 0.30 0.00	27.55 0.23 0.00	39.46 0.11 0.00	39.46 0.04 0.00	41.63 -0.04 0.00	41.87 -0.19 0.00	40.96 -0.25 0.00	42.87 -0.35 0.00	42.93 -0.29 0.00	47.89 -0.16 0.00	62.24 0.03 0.00	72.29 0.15 0.00	88.13 0.21 0.02	48.90 0.14 3.74	49.78 -0.08 0.01	47.80 -0.10 0.00	52.85 -0.06 0.00	53.99 -0.08 0.00	43.92 -0.13 0.00	38.50 -0.13 0.00
GREENDGE_115KV_TB5 80291	40.13 0.19 -1.59	35.22 0.52 0.00	32.72 0.34 0.00	30.53 0.35 0.00	28.32 0.34 0.00	27.72 0.40 0.00	39.74 0.39 0.00	39.65 0.22 0.00	41.92 0.25 0.00	42.00 -0.06 0.00	41.45 0.23 0.00	43.41 0.19 0.00	43.17 -0.04 0.00	47.71 -0.34 0.00	61.35 -0.86 0.00	71.22 -0.93 0.00	86.67 -1.27 0.00	55.50 -0.81 -3.82	49.44 -0.43 -0.01	47.54 -0.36 0.00	52.43 -0.48 0.00	53.60 -0.47 0.00	43.56 -0.50 0.00	38.36 -0.27 0.00
GREENIDGE___3 23582	40.13 0.19 -1.59	35.22 0.52 0.00	32.72 0.34 0.00	30.53 0.35 0.00	28.32 0.34 0.00	27.72 0.40 0.00	39.74 0.39 0.00	39.65 0.22 0.00	41.92 0.25 0.00	42.00 -0.06 0.00	41.45 0.23 0.00	43.41 0.19 0.00	43.17 -0.04 0.00	47.71 -0.34 0.00	61.35 -0.86 0.00	71.22 -0.93 0.00	86.67 -1.27 0.00	55.50 -0.81 -3.82	49.44 -0.43 -0.01	47.54 -0.36 0.00	52.43 -0.48 0.00	53.60 -0.47 0.00	43.56 -0.50 0.00	38.36 -0.27 0.00
GREENIDGE___4 23583	40.13 0.19 -1.59	35.22 0.52 0.00	32.73 0.34 0.00	30.54 0.36 0.00	28.32 0.34 0.00	27.72 0.40 0.00	39.73 0.38 0.00	39.65 0.22 0.00	41.92 0.25 0.00	42.05 -0.02 0.00	41.45 0.23 0.00	43.42 0.20 0.00	43.17 -0.04 0.00	47.71 -0.34 0.00	61.35 -0.86 0.00	71.22 -0.93 0.00	86.68 -1.26 0.00	55.51 -0.81 -3.82	49.44 -0.43 -0.01	47.55 -0.36 0.00	52.43 -0.48 0.00	53.60 -0.47 0.00	43.54 -0.51 0.00	38.37 -0.27 0.00
GREENLWN_69_KV_BK 3 55738	53.95 1.97 -13.64	41.64 2.13 -4.81	38.78 2.03 -4.37	32.49 2.03 -0.29	29.66 1.89 0.21	27.85 1.73 1.20	43.91 2.03 -2.53	44.63 2.17 -3.03	47.17 2.31 -3.19	50.00 2.09 -5.85	45.55 1.77 -2.56	45.96 1.66 -1.08	46.75 1.60 -1.93	52.09 2.15 -1.89	68.14 3.14 -2.79	75.66 3.20 -0.32	91.95 3.92 -0.10	216.59 2.16 -161.93	70.78 2.03 -18.89	54.18 1.76 -4.53	59.80 2.29 -4.60	57.01 2.29 -0.64	45.77 1.83 0.12	42.54 1.56 -2.35
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88
GRISSOM___SOLAR 323813	127.80 2.18 -87.26	36.59 1.89 0.00	34.03 1.65 0.00	31.77 1.60 0.00	29.47 1.50 0.00	28.78 1.46 0.00	41.42 2.07 0.00	41.39 1.96 0.00	43.38 1.71 0.00	43.79 1.74 0.01	42.03 0.82 0.00	43.88 0.66 0.00	44.20 0.98 0.00	49.71 1.66 0.00	65.85 3.64 0.00	75.90 3.75 0.00	92.29 4.38 0.02	55.40 2.90 0.00	52.40 2.54 0.00	50.13 2.23 0.00	55.92 3.00 0.00	57.13 3.06 0.00	46.48 2.42 0.00	40.68 2.04 0.00
GROVEVILLE___HYD 323602	48.19 2.30 -7.54	36.92 2.22 0.00	34.51 2.12 0.00	32.18 2.00 0.00	29.73 1.76 0.00	28.94 1.62 0.00	41.66 2.31 0.00	41.81 2.39 0.00	44.20 2.54 0.00	44.50 2.45 0.01	43.58 2.36 0.00	45.67 2.45 0.00	45.79 2.58 0.00	51.25 3.20 0.00	66.81 4.60 0.00	77.48 5.34 0.00	94.38 6.46 0.02	196.70 3.59 -140.61	53.24 3.05 -0.33	50.63 2.73 0.00	56.08 3.17 0.00	57.27 3.20 0.00	46.48 2.43 0.00	40.65 2.01 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.24 -0.11 0.00	34.72 0.02 0.00	32.34 -0.04 0.00	30.16 -0.01 0.00	28.01 0.03 0.00	27.32 0.00 0.00	39.14 -0.21 0.00	39.09 -0.34 0.00	41.35 -0.32 0.00	41.73 -0.37 -0.03	40.96 -0.26 0.00	43.06 -0.16 0.00	42.96 -0.25 0.00	47.66 -0.39 0.00	61.42 -0.80 0.00	71.18 -0.97 0.00	86.86 -1.21 -0.13	51.89 -0.61 0.00	49.38 -0.48 0.00	47.44 -0.46 0.00	52.39 -0.52 0.00	53.54 -0.53 0.00	43.54 -0.52 0.00	38.21 -0.43 0.00
HAMLTNNY_34_KV_TB 80303	38.26 -0.09 0.00	34.74 0.05 0.00	32.32 -0.06 0.00	30.14 -0.04 0.00	28.00 0.03 0.00	27.31 -0.01 0.00	39.13 -0.23 0.00	39.06 -0.37 0.00	41.32 -0.35 0.00	41.68 -0.42 -0.04	40.92 -0.30 0.00	43.02 -0.20 0.00	42.88 -0.34 0.00	47.52 -0.53 0.00	61.09 -1.12 0.00	70.82 -1.33 0.00	86.55 -1.53 -0.15	51.70 -0.80 0.00	49.14 -0.72 0.00	47.24 -0.65 0.00	52.20 -0.71 0.00	53.35 -0.72 0.00	43.41 -0.64 0.00	38.15 -0.49 0.00

HAMPSHIRE___PAPER_HYD 323593	38.97 0.62 0.00	35.14 0.45 0.00	32.71 0.33 0.00	30.45 0.27 0.00	28.23 0.25 0.00	27.54 0.22 0.00	39.85 0.50 0.00	39.86 0.44 0.00	41.87 0.20 0.00	42.21 0.13 -0.01	41.59 0.37 0.00	43.72 0.51 0.00	43.94 0.73 0.00	48.57 0.52 0.00	62.57 0.35 0.00	72.10 -0.04 0.00	88.03 0.06 -0.03	52.66 0.16 0.00	50.39 0.53 0.00	48.93 1.03 0.00	54.08 1.16 0.00	55.35 1.28 0.00	45.09 1.04 0.00	39.37 0.74 0.00
HARDSCRABBLE_WT_PWR 323673	38.76 0.41 0.00	35.17 0.47 0.00	32.95 0.56 0.00	30.79 0.62 0.00	28.54 0.56 0.00	27.88 0.56 0.00	39.94 0.59 0.00	39.67 0.25 0.00	41.76 0.09 0.00	41.99 -0.08 0.00	40.69 -0.54 0.00	42.55 -0.67 0.00	42.69 -0.53 0.00	48.08 0.04 0.00	63.03 0.82 0.00	73.26 1.12 0.00	88.88 0.94 0.00	53.00 0.50 0.00	50.08 0.22 0.00	47.97 0.07 0.00	53.38 0.47 0.00	54.63 0.56 0.00	44.32 0.27 0.00	38.77 0.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.00 1.84 -6.82	36.51 1.81 0.00	34.16 1.78 0.00	31.88 1.71 0.00	29.45 1.48 0.00	28.67 1.35 0.00	41.23 1.88 0.00	41.38 1.95 0.00	43.77 2.10 0.00	44.07 2.01 0.01	43.18 1.96 0.00	45.32 2.10 0.00	45.52 2.30 0.00	50.95 2.91 0.00	66.37 4.16 0.00	76.91 4.77 0.00	93.83 5.93 0.03	185.85 3.19 -130.16	52.87 2.70 -0.31	50.29 2.39 0.00	55.76 2.85 0.00	56.95 2.88 0.00	46.16 2.11 0.00	40.38 1.75 0.00
HARSNRAD_115KV_TB1 81005	37.85 -0.50 0.00	34.46 -0.23 0.00	31.87 -0.51 0.00	29.69 -0.48 0.00	27.58 -0.39 0.00	26.91 -0.41 0.00	38.41 -0.94 0.00	37.94 -1.49 0.00	40.41 -1.26 0.00	40.61 -1.45 0.00	40.12 -1.09 0.00	42.09 -1.13 0.00	41.83 -1.38 0.00	46.01 -2.03 0.00	58.73 -3.48 0.00	68.74 -3.40 0.00	83.45 -4.49 0.00	49.54 -2.96 0.00	47.11 -2.75 0.00	45.54 -2.36 0.00	49.81 -3.11 0.00	51.10 -2.98 0.00	41.62 -2.44 0.00	36.93 -1.71 0.00
HARZA MOOSE___RIVER 24016	39.53 1.18 0.00	35.72 1.02 0.00	33.31 0.93 0.00	31.04 0.86 0.00	28.77 0.80 0.00	28.10 0.78 0.00	40.50 1.15 0.00	40.48 1.05 0.00	42.62 0.95 0.00	42.94 0.87 0.00	42.21 0.99 0.00	44.48 1.26 0.00	44.57 1.35 0.00	49.43 1.38 0.00	63.55 1.34 0.00	73.31 1.17 0.00	89.37 1.42 -0.02	53.51 1.01 0.00	51.05 1.19 0.00	49.37 1.47 0.00	54.64 1.73 0.00	55.87 1.80 0.00	45.38 1.33 0.00	39.67 1.03 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.18 -0.17 0.00	34.69 -0.01 0.00	32.33 -0.05 0.00	30.17 -0.01 0.00	27.97 -0.01 0.00	27.30 -0.02 0.00	39.09 -0.26 0.00	39.05 -0.38 0.00	41.30 -0.37 0.00	41.63 -0.43 0.01	40.93 -0.29 0.00	43.02 -0.21 0.00	42.95 -0.26 0.00	47.68 -0.37 0.00	61.42 -0.79 0.00	71.19 -0.96 0.00	86.68 -1.22 0.03	51.86 -0.64 0.00	49.36 -0.50 0.00	47.41 -0.49 0.00	52.34 -0.58 0.00	53.48 -0.60 0.00	43.48 -0.58 0.00	38.14 -0.50 0.00
HELLGATE_13_KV_LD 55870	47.71 2.15 -7.21	36.92 2.22 0.00	34.50 2.12 0.00	32.17 1.99 0.00	29.75 1.77 0.00	28.95 1.63 0.00	41.67 2.32 0.00	41.92 2.50 0.00	44.37 2.71 0.00	44.70 2.64 0.01	43.81 2.60 0.00	45.90 2.68 0.00	45.99 2.78 0.00	51.33 3.29 0.00	67.01 4.79 0.00	77.45 5.31 0.00	94.45 6.54 0.02	199.77 3.43 -143.84	53.15 2.95 -0.34	50.49 2.59 0.00	56.15 3.24 0.00	57.36 3.29 0.00	46.61 2.56 0.00	39.84 2.17 0.96
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.71 2.15 -7.21	36.92 2.22 0.00	34.50 2.12 0.00	32.17 1.99 0.00	29.75 1.77 0.00	28.95 1.63 0.00	41.67 2.32 0.00	41.92 2.50 0.00	44.37 2.71 0.00	44.70 2.64 0.01	43.81 2.60 0.00	45.90 2.68 0.00	45.99 2.78 0.00	51.33 3.29 0.00	67.01 4.79 0.00	77.45 5.31 0.00	94.45 6.54 0.02	199.77 3.43 -143.84	53.15 2.95 -0.34	50.49 2.59 0.00	56.15 3.24 0.00	57.36 3.29 0.00	46.61 2.56 0.00	39.84 2.17 0.96
HEMPSTEAD___ 23647	81.17 2.07 -40.75	58.88 2.08 -22.11	54.47 1.97 -20.11	33.45 1.95 -1.32	31.97 1.81 -2.18	41.49 1.68 -12.49	55.08 2.11 -13.62	55.63 2.28 -13.92	58.77 2.46 -14.64	67.99 2.28 -23.65	56.69 2.03 -13.45	53.77 2.00 -8.56	54.78 1.98 -9.59	60.12 2.56 -9.51	78.66 3.63 -12.82	77.41 3.85 -1.41	93.33 4.86 -0.54	231.29 2.68 -176.11	81.84 2.41 -29.56	70.41 2.08 -20.42	76.79 2.66 -21.22	68.65 2.67 -11.91	56.70 2.17 -10.49	51.55 1.81 -11.11
HICKLING___1 23621	40.92 0.53 -2.04	35.48 0.79 0.00	33.01 0.63 0.00	30.85 0.67 0.00	28.58 0.60 0.00	28.04 0.72 0.00	40.16 0.81 0.00	40.18 0.75 0.00	42.50 0.83 0.00	42.64 0.60 0.01	42.14 0.92 0.00	44.07 0.85 0.00	43.96 0.75 0.00	48.81 0.76 0.00	62.58 0.36 0.00	72.65 0.51 0.00	88.30 0.42 0.06	57.29 -0.17 -4.95	50.19 0.32 -0.01	48.18 0.28 0.00	53.12 0.21 0.00	54.31 0.24 0.00	44.11 0.06 0.00	38.70 0.06 0.00
HICKLING___2 23622	40.92 0.53 -2.04	35.48 0.79 0.00	33.01 0.63 0.00	30.85 0.67 0.00	28.58 0.60 0.00	28.04 0.72 0.00	40.16 0.81 0.00	40.18 0.75 0.00	42.50 0.83 0.00	42.64 0.60 0.01	42.14 0.92 0.00	44.07 0.85 0.00	43.96 0.75 0.00	48.81 0.76 0.00	62.58 0.36 0.00	72.65 0.51 0.00	88.30 0.42 0.06	57.29 -0.17 -4.95	50.19 0.32 -0.01	48.18 0.28 0.00	53.12 0.21 0.00	54.31 0.24 0.00	44.11 0.06 0.00	38.70 0.06 0.00
HIGH FALLS___HY 23754	50.99 2.56 -10.08	37.09 2.40 0.00	34.62 2.24 0.00	32.26 2.09 0.00	29.81 1.83 0.00	29.01 1.69 0.00	41.82 2.47 0.00	42.07 2.64 0.00	44.49 2.82 0.00	44.76 2.71 0.01	43.74 2.52 0.00	45.82 2.60 0.00	45.96 2.74 0.00	51.44 3.39 0.00	67.11 4.89 0.00	78.05 5.91 0.00	94.55 6.64 0.02	166.53 3.60 -110.44	53.27 3.15 -0.26	50.75 2.85 0.00	56.26 3.35 0.00	57.45 3.38 0.00	46.55 2.50 0.00	40.67 2.04 0.00
HIGH_RIVER___SOLAR 323847	131.96 1.44 -92.18	35.96 1.26 0.00	33.54 1.16 0.00	31.34 1.16 0.00	29.04 1.07 0.00	28.34 1.02 0.00	40.68 1.33 0.00	40.62 1.19 0.00	42.70 1.03 0.00	43.05 0.99 0.01	41.64 0.42 0.00	43.51 0.29 0.00	43.53 0.32 0.00	48.81 0.77 0.00	64.38 2.17 0.00	74.68 2.54 0.00	90.61 2.69 0.02	54.21 1.71 0.00	51.38 1.51 0.00	49.29 1.39 0.00	54.71 1.80 0.00	55.92 1.85 0.00	45.50 1.44 0.00	39.85 1.22 0.00
HILLBURN___GT 23639	46.93 1.66 -6.91	36.38 1.69 0.00	34.06 1.68 0.00	31.81 1.63 0.00	29.38 1.40 0.00	28.59 1.27 0.00	41.14 1.79 0.00	41.30 1.88 0.00	43.66 2.00 0.00	43.95 1.89 0.01	43.04 1.82 0.00	45.15 1.93 0.00	45.33 2.12 0.00	50.74 2.69 0.00	66.11 3.90 0.00	76.48 4.34 0.00	93.27 5.36 0.03	188.95 2.89 -133.56	52.62 2.44 -0.32	50.05 2.15 0.00	55.51 2.59 0.00	56.72 2.65 0.00	45.97 1.92 0.00	40.21 1.58 0.00
HILLSIDE_115KV_TB1 80332	40.20 -0.32 -2.17	34.75 0.05 0.00	32.36 -0.02 0.00	30.24 0.06 0.00	28.00 0.03 0.00	27.48 0.16 0.00	39.34 -0.01 0.00	39.41 -0.02 0.00	41.60 -0.06 0.00	41.75 -0.29 0.02	41.21 -0.01 0.00	43.15 -0.07 0.00	43.11 -0.10 0.00	48.03 -0.02 0.00	61.59 -0.62 0.00	71.47 -0.67 0.00	86.72 -1.15 0.07	56.64 -1.12 -5.26	49.28 -0.60 -0.01	47.22 -0.68 0.00	52.11 -0.80 0.00	53.29 -0.78 0.00	43.31 -0.74 0.00	37.97 -0.67 0.00

HISHELDN_WT_PWR 323625	38.18 -0.17 0.00	34.82 0.12 0.00	32.26 -0.12 0.00	30.08 -0.10 0.00	27.93 -0.04 0.00	27.30 -0.03 0.00	39.03 -0.32 0.00	38.76 -0.66 0.00	41.19 -0.48 0.00	41.39 -0.66 0.00	40.85 -0.37 0.00	42.73 -0.49 0.00	42.55 -0.66 0.00	47.00 -1.04 0.00	60.11 -2.10 0.00	70.08 -2.07 0.00	85.05 -2.87 0.02	53.87 -2.07 -3.44	48.15 -1.72 -0.01	46.47 -1.44 0.00	50.97 -1.94 0.00	52.26 -1.81 0.00	42.52 -1.53 0.00	37.60 -1.03 0.00
HOLTSVILLE_IC_1 23690	52.90 2.28 -12.27	40.92 2.29 -3.93	38.10 2.14 -3.58	32.63 2.23 -0.23	29.68 2.04 0.32	27.36 1.92 1.88	43.70 2.38 -1.97	44.47 2.57 -2.47	47.03 2.75 -2.61	49.45 2.45 -4.94	45.26 2.03 -2.01	45.77 1.85 -0.70	46.52 1.76 -1.54	51.78 2.23 -1.51	67.61 3.12 -2.28	75.51 3.11 -0.26	91.95 3.94 -0.08	215.85 2.17 -161.19	70.43 2.24 -18.33	54.15 2.03 -4.22	60.39 2.62 -4.86	60.15 2.62 -3.46	45.59 2.19 0.66	42.40 1.86 -1.90
HOLTSVILLE_IC_10 23699	53.63 2.50 -12.78	41.43 2.48 -4.26	38.54 2.29 -3.87	32.80 2.37 -0.25	29.86 2.16 0.28	27.75 2.05 1.62	44.10 2.58 -2.17	44.88 2.77 -2.68	47.47 2.99 -2.82	50.05 2.71 -5.28	45.73 2.30 -2.21	46.23 2.16 -0.84	46.98 2.08 -1.69	52.28 2.58 -1.65	68.26 3.58 -2.47	76.08 3.66 -0.28	92.60 4.58 -0.09	216.51 2.58 -161.43	71.00 2.63 -18.50	54.86 2.41 -4.55	61.20 3.04 -5.24	60.98 3.04 -3.88	46.11 2.50 0.45	42.81 2.11 -2.07
HOLTSVILLE_IC_2 23691	52.90 2.28 -12.27	40.92 2.29 -3.93	38.10 2.14 -3.58	32.63 2.23 -0.23	29.68 2.04 0.32	27.36 1.92 1.88	43.70 2.38 -1.97	44.47 2.57 -2.47	47.03 2.75 -2.61	49.45 2.45 -4.94	45.26 2.03 -2.01	45.77 1.85 -0.70	46.52 1.76 -1.54	51.78 2.23 -1.51	67.61 3.12 -2.28	75.51 3.11 -0.26	91.95 3.94 -0.08	215.85 2.17 -161.19	70.43 2.24 -18.33	54.15 2.03 -4.22	60.39 2.62 -4.86	60.15 2.62 -3.46	45.59 2.19 0.66	42.40 1.86 -1.90
HOLTSVILLE_IC_3 23692	52.90 2.28 -12.27	40.92 2.29 -3.93	38.10 2.14 -3.58	32.63 2.23 -0.23	29.68 2.04 0.32	27.36 1.92 1.88	43.70 2.38 -1.97	44.47 2.57 -2.47	47.03 2.75 -2.61	49.45 2.45 -4.94	45.26 2.03 -2.01	45.77 1.85 -0.70	46.52 1.76 -1.54	51.78 2.23 -1.51	67.61 3.12 -2.28	75.51 3.11 -0.26	91.95 3.94 -0.08	215.85 2.17 -161.19	70.43 2.24 -18.33	54.15 2.03 -4.22	60.39 2.62 -4.86	60.15 2.62 -3.46	45.59 2.19 0.66	42.40 1.86 -1.90
HOLTSVILLE_IC_4 23693	52.90 2.28 -12.27	40.92 2.29 -3.93	38.10 2.14 -3.58	32.63 2.23 -0.23	29.68 2.04 0.32	27.36 1.92 1.88	43.70 2.38 -1.97	44.47 2.57 -2.47	47.03 2.75 -2.61	49.45 2.45 -4.94	45.26 2.03 -2.01	45.77 1.85 -0.70	46.52 1.76 -1.54	51.78 2.23 -1.51	67.61 3.12 -2.28	75.51 3.11 -0.26	91.95 3.94 -0.08	215.85 2.17 -161.19	70.43 2.24 -18.33	54.15 2.03 -4.22	60.39 2.62 -4.86	60.15 2.62 -3.46	45.59 2.19 0.66	42.40 1.86 -1.90
HOLTSVILLE_IC_5 23694	52.90 2.28 -12.27	40.92 2.29 -3.93	38.10 2.14 -3.58	32.63 2.23 -0.23	29.68 2.04 0.32	27.36 1.92 1.88	43.70 2.38 -1.97	44.47 2.57 -2.47	47.03 2.75 -2.61	49.45 2.45 -4.94	45.26 2.03 -2.01	45.77 1.85 -0.70	46.52 1.76 -1.54	51.78 2.23 -1.51	67.61 3.12 -2.28	75.51 3.11 -0.26	91.95 3.94 -0.08	215.85 2.17 -161.19	70.43 2.24 -18.33	54.15 2.03 -4.22	60.39 2.62 -4.86	60.15 2.62 -3.46	45.59 2.19 0.66	42.40 1.86 -1.90
HOLTSVILLE_IC_6 23695	53.63 2.50 -12.78	41.43 2.48 -4.26	38.54 2.29 -3.87	32.80 2.37 -0.25	29.86 2.16 0.28	27.75 2.05 1.62	44.10 2.58 -2.17	44.88 2.77 -2.68	47.47 2.99 -2.82	50.05 2.71 -5.28	45.73 2.30 -2.21	46.23 2.16 -0.84	46.98 2.08 -1.69	52.28 2.58 -1.65	68.26 3.58 -2.47	76.08 3.66 -0.28	92.60 4.58 -0.09	216.51 2.58 -161.43	71.00 2.63 -18.50	54.86 2.41 -4.55	61.20 3.04 -5.24	60.98 3.04 -3.88	46.11 2.50 0.45	42.81 2.11 -2.07
HOLTSVILLE_IC_7 23696	53.63 2.50 -12.78	41.43 2.48 -4.26	38.54 2.29 -3.87	32.80 2.37 -0.25	29.86 2.16 0.28	27.75 2.05 1.62	44.10 2.58 -2.17	44.88 2.77 -2.68	47.47 2.99 -2.82	50.05 2.71 -5.28	45.73 2.30 -2.21	46.23 2.16 -0.84	46.98 2.08 -1.69	52.28 2.58 -1.65	68.26 3.58 -2.47	76.08 3.66 -0.28	92.60 4.58 -0.09	216.51 2.58 -161.43	71.00 2.63 -18.50	54.86 2.41 -4.55	61.20 3.04 -5.24	60.98 3.04 -3.88	46.11 2.50 0.45	42.81 2.11 -2.07
HOLTSVILLE_IC_8 23697	53.63 2.50 -12.78	41.43 2.48 -4.26	38.54 2.29 -3.87	32.80 2.37 -0.25	29.86 2.16 0.28	27.75 2.05 1.62	44.10 2.58 -2.17	44.88 2.77 -2.68	47.47 2.99 -2.82	50.05 2.71 -5.28	45.73 2.30 -2.21	46.23 2.16 -0.84	46.98 2.08 -1.69	52.28 2.58 -1.65	68.26 3.58 -2.47	76.08 3.66 -0.28	92.60 4.58 -0.09	216.51 2.58 -161.43	71.00 2.63 -18.50	54.86 2.41 -4.55	61.20 3.04 -5.24	60.98 3.04 -3.88	46.11 2.50 0.45	42.81 2.11 -2.07
HOLTSVILLE_IC_9 23698	53.63 2.50 -12.78	41.43 2.48 -4.26	38.54 2.29 -3.87	32.80 2.37 -0.25	29.86 2.16 0.28	27.75 2.05 1.62	44.10 2.58 -2.17	44.88 2.77 -2.68	47.47 2.99 -2.82	50.05 2.71 -5.28	45.73 2.30 -2.21	46.23 2.16 -0.84	46.98 2.08 -1.69	52.28 2.58 -1.65	68.26 3.58 -2.47	76.08 3.66 -0.28	92.60 4.58 -0.09	216.51 2.58 -161.43	71.00 2.63 -18.50	54.86 2.41 -4.55	61.20 3.04 -5.24	60.98 3.04 -3.88	46.11 2.50 0.45	42.81 2.11 -2.07
HOMER_HL_115KV_TB2 355744	38.77 0.42 0.00	35.50 0.81 0.00	33.00 0.61 0.00	30.83 0.65 0.00	28.62 0.64 0.00	28.00 0.68 0.00	40.11 0.76 0.00	40.04 0.61 0.00	42.45 0.79 0.00	42.63 0.57 0.01	42.07 0.85 0.00	43.80 0.58 0.00	43.45 0.24 0.00	48.27 0.23 0.00	61.73 -0.49 0.00	71.65 -0.50 0.00	86.77 -1.14 0.02	54.88 -1.18 -3.56	49.04 -0.83 -0.01	47.20 -0.70 0.00	51.86 -1.06 0.00	53.19 -0.87 0.00	43.23 -0.83 0.00	38.15 -0.48 0.00
HOWARD_WT_PWR 323690	40.65 0.61 -1.69	35.56 0.86 0.00	33.01 0.63 0.00	30.84 0.66 0.00	28.59 0.61 0.00	28.01 0.69 0.00	40.18 0.83 0.00	40.11 0.69 0.00	42.51 0.84 0.00	42.63 0.57 0.01	42.04 0.82 0.00	43.86 0.64 0.00	43.70 0.49 0.00	48.36 0.31 0.00	62.02 -0.19 0.00	72.00 -0.14 0.00	87.40 -0.50 0.03	55.95 -0.64 -4.09	49.77 -0.10 -0.01	47.97 0.07 0.00	52.78 -0.13 0.00	54.05 -0.03 0.00	43.93 -0.12 0.00	38.67 0.04 0.00
HQ_GEN_CEDARS 23644	38.63 0.28 0.00	34.74 0.04 0.00	32.28 -0.10 0.00	30.01 -0.17 0.00	27.85 -0.12 0.00	27.28 -0.03 0.00	39.69 0.34 0.00	39.95 0.52 0.00	42.10 0.43 0.00	42.69 0.62 0.00	41.82 0.60 0.00	43.82 0.60 0.00	43.90 0.69 0.00	48.52 0.48 0.00	63.00 0.79 0.00	72.82 0.68 0.00	89.01 1.08 0.00	53.10 0.60 0.00	50.68 0.82 0.00	48.87 0.96 0.00	53.87 0.96 0.00	55.18 1.11 0.00	45.00 0.95 0.00	39.32 0.68 0.00
HQ_GEN_CEDARS_PROXY 323590	38.63 0.28 0.00	34.74 0.04 0.00	32.28 -0.10 0.00	30.01 -0.17 0.00	27.86 -0.12 0.00	26.33 -0.03 0.96	40.05 0.34 -0.36	39.95 0.52 0.00	42.10 0.43 0.00	42.69 0.62 0.00	41.82 0.60 0.00	43.82 0.60 0.00	43.90 0.69 0.00	48.52 0.48 0.00	63.00 0.79 0.00	72.82 0.68 0.00	89.01 1.08 0.00	53.10 0.60 0.00	50.68 0.82 0.00	48.87 0.97 0.00	53.87 0.96 0.00	55.18 1.11 0.00	45.00 0.95 0.00	39.32 0.68 0.00

HQ_GEN_IMPORT 323601	38.36 0.01 0.00	34.53 -0.17 0.00	32.15 -0.24 0.00	29.91 -0.26 0.00	27.75 -0.22 0.00	23.79 -0.14 3.39	49.76 0.06 -10.35	39.63 0.20 0.00	41.90 0.23 0.00	42.38 0.32 0.00	41.53 0.31 0.00	41.76 0.32 1.78	43.55 0.34 0.00	48.35 0.30 0.00	62.62 0.41 0.00	72.63 0.49 0.00	88.65 0.71 0.00	38.59 0.41 14.31	49.98 0.43 0.31	48.35 0.45 0.00	53.35 0.43 0.00	54.50 0.43 0.00	44.48 0.43 0.00	38.98 0.34 0.00
HQ_GEN_WHEEL 23651	38.36 0.01 0.00	34.53 -0.17 0.00	32.15 -0.24 0.00	29.91 -0.26 0.00	27.75 -0.22 0.00	23.79 -0.14 3.39	49.76 0.06 -10.35	39.63 0.20 0.00	41.90 0.23 0.00	42.38 0.32 0.00	41.53 0.31 0.00	41.76 0.32 1.78	43.55 0.34 0.00	48.35 0.30 0.00	62.62 0.41 0.00	72.63 0.49 0.00	88.65 0.71 0.00	38.59 0.41 14.31	49.98 0.43 0.31	48.35 0.45 0.00	53.35 0.43 0.00	54.50 0.43 0.00	44.48 0.43 0.00	38.98 0.34 0.00
HUDSON AVE_GT_3 23810	47.53 1.97 -7.21	36.70 2.00 0.00	34.32 1.94 0.00	32.01 1.83 0.00	29.60 1.62 0.00	28.80 1.48 0.00	41.46 2.11 0.00	41.68 2.25 0.00	44.10 2.44 0.00	44.43 2.37 0.01	43.51 2.29 0.00	45.59 2.37 0.00	45.69 2.48 0.00	51.04 2.99 0.00	66.59 4.38 0.00	77.01 4.86 0.00	93.94 6.03 0.02	199.52 3.19 -143.83	52.91 2.71 -0.34	50.26 2.36 0.00	55.84 2.92 0.00	57.07 3.00 0.00	46.39 2.34 0.00	40.58 1.95 0.00
HUDSON AVE_GT_4 23540	47.53 1.97 -7.21	36.70 2.00 0.00	34.32 1.94 0.00	32.01 1.83 0.00	29.60 1.62 0.00	28.80 1.48 0.00	41.46 2.11 0.00	41.68 2.25 0.00	44.10 2.44 0.00	44.43 2.37 0.01	43.51 2.29 0.00	45.59 2.37 0.00	45.69 2.48 0.00	51.04 2.99 0.00	66.59 4.38 0.00	77.01 4.86 0.00	93.94 6.03 0.02	199.52 3.19 -143.83	52.91 2.71 -0.34	50.26 2.36 0.00	55.84 2.92 0.00	57.07 3.00 0.00	46.39 2.34 0.00	40.58 1.95 0.00
HUDSON AVE_GT_5 23657	47.53 1.97 -7.21	36.70 2.00 0.00	34.32 1.94 0.00	32.01 1.83 0.00	29.60 1.62 0.00	28.80 1.48 0.00	41.46 2.11 0.00	41.68 2.25 0.00	44.10 2.44 0.00	44.43 2.37 0.01	43.51 2.29 0.00	45.59 2.37 0.00	45.69 2.48 0.00	51.04 2.99 0.00	66.59 4.38 0.00	77.01 4.86 0.00	93.94 6.03 0.02	199.52 3.19 -143.83	52.91 2.71 -0.34	50.26 2.36 0.00	55.84 2.92 0.00	57.07 3.00 0.00	46.39 2.34 0.00	40.58 1.95 0.00
HUDSON_AVE_10 24168	47.30 1.75 -7.21	36.52 1.83 0.00	34.15 1.77 0.00	31.86 1.68 0.00	29.45 1.48 0.00	28.66 1.35 0.00	41.25 1.90 0.00	41.45 2.03 0.00	43.86 2.19 0.00	44.18 2.12 0.01	43.28 2.06 0.00	45.33 2.11 0.00	45.44 2.22 0.00	50.74 2.69 0.00	66.24 4.03 0.00	76.61 4.47 0.00	93.47 5.56 0.02	199.22 2.90 -143.83	52.61 2.41 -0.34	49.98 2.07 0.00	55.53 2.61 0.00	56.79 2.72 0.00	46.18 2.12 0.00	40.39 1.76 0.00
HUDSON___115KV_TB 4 355613	28.35 1.02 11.03	35.67 0.97 0.00	33.47 1.09 0.00	31.23 1.05 0.00	28.93 0.95 0.00	28.21 0.89 0.00	40.44 1.10 0.00	40.46 1.03 0.00	42.67 1.00 0.00	42.81 0.75 0.01	41.66 0.44 0.00	43.48 0.26 0.00	43.52 0.31 0.00	48.63 0.59 0.00	63.41 1.20 0.00	74.18 2.04 0.00	90.78 2.86 0.02	63.64 1.80 -9.34	51.09 1.21 -0.02	49.07 1.17 0.00	54.28 1.36 0.00	55.44 1.37 0.00	45.06 1.01 0.00	39.44 0.80 0.00
HUNTER MOUNT___DRP 323613	33.76 1.29 5.88	35.91 1.21 0.00	33.69 1.31 0.00	31.44 1.27 0.00	29.13 1.15 0.00	28.41 1.09 0.00	40.72 1.37 0.00	40.74 1.31 0.00	42.96 1.29 0.00	43.10 1.04 0.01	41.89 0.67 0.00	43.68 0.46 0.00	43.71 0.50 0.00	48.90 0.85 0.00	63.86 1.65 0.00	74.90 2.76 0.00	91.56 3.65 0.02	80.12 2.26 -25.36	51.50 1.58 -0.06	49.41 1.51 0.00	54.63 1.72 0.00	55.82 1.75 0.00	45.35 1.30 0.00	39.69 1.05 0.00
HUNTINGTON_RES_REC 323705	53.39 2.21 -12.83	41.28 2.29 -4.29	38.44 2.15 -3.90	32.61 2.18 -0.25	29.71 2.01 0.28	27.58 1.87 1.61	43.81 2.26 -2.19	44.57 2.44 -2.70	47.13 2.62 -2.84	49.76 2.38 -5.32	45.50 2.05 -2.24	45.99 1.91 -0.86	46.79 1.87 -1.70	52.13 2.41 -1.66	68.12 3.42 -2.49	75.91 3.48 -0.28	92.36 4.34 -0.09	216.44 2.44 -161.51	70.81 2.38 -18.58	55.17 2.10 -5.18	62.15 2.67 -6.57	64.55 2.63 -7.84	45.76 2.15 0.44	42.54 1.82 -2.09
HUNTLEY___63 23557	37.97 -0.38 0.00	34.63 -0.07 0.00	32.03 -0.35 0.00	29.84 -0.34 0.00	27.71 -0.27 0.00	27.03 -0.29 0.00	38.61 -0.74 0.00	38.22 -1.21 0.00	40.72 -0.95 0.00	40.95 -1.12 0.00	40.49 -0.73 0.00	42.49 -0.73 0.00	42.27 -0.95 0.00	46.49 -1.55 0.00	59.36 -2.85 0.00	69.55 -2.59 0.00	84.46 -3.48 0.00	50.12 -2.38 0.00	47.66 -2.20 0.00	46.02 -1.88 0.00	50.32 -2.59 0.00	51.60 -2.47 0.00	41.97 -2.08 0.00	37.22 -1.41 0.00
HUNTLEY___64 23558	37.97 -0.38 0.00	34.63 -0.07 0.00	32.03 -0.35 0.00	29.84 -0.34 0.00	27.71 -0.27 0.00	27.03 -0.29 0.00	38.61 -0.74 0.00	38.22 -1.21 0.00	40.72 -0.95 0.00	40.95 -1.12 0.00	40.49 -0.73 0.00	42.49 -0.73 0.00	42.27 -0.95 0.00	46.49 -1.55 0.00	59.36 -2.85 0.00	69.55 -2.59 0.00	84.46 -3.48 0.00	50.12 -2.38 0.00	47.66 -2.20 0.00	46.02 -1.88 0.00	50.32 -2.59 0.00	51.60 -2.47 0.00	41.97 -2.08 0.00	37.22 -1.41 0.00
HUNTLEY___65 23559	37.97 -0.38 0.00	34.63 -0.07 0.00	32.03 -0.35 0.00	29.84 -0.34 0.00	27.71 -0.27 0.00	27.03 -0.29 0.00	38.61 -0.74 0.00	38.22 -1.21 0.00	40.72 -0.95 0.00	40.95 -1.12 0.00	40.49 -0.73 0.00	42.49 -0.73 0.00	42.27 -0.95 0.00	46.49 -1.55 0.00	59.36 -2.85 0.00	69.55 -2.59 0.00	84.46 -3.48 0.00	50.12 -2.38 0.00	47.66 -2.20 0.00	46.02 -1.88 0.00	50.32 -2.59 0.00	51.60 -2.47 0.00	41.97 -2.08 0.00	37.22 -1.41 0.00
HUNTLEY___66 23560	37.97 -0.38 0.00	34.63 -0.07 0.00	32.03 -0.35 0.00	29.84 -0.34 0.00	27.71 -0.27 0.00	27.03 -0.29 0.00	38.61 -0.74 0.00	38.22 -1.21 0.00	40.72 -0.95 0.00	40.95 -1.12 0.00	40.49 -0.73 0.00	42.49 -0.73 0.00	42.27 -0.95 0.00	46.49 -1.55 0.00	59.36 -2.85 0.00	69.55 -2.59 0.00	84.46 -3.48 0.00	50.12 -2.38 0.00	47.66 -2.20 0.00	46.02 -1.88 0.00	50.32 -2.59 0.00	51.60 -2.47 0.00	41.97 -2.08 0.00	37.22 -1.41 0.00
HUNTLEY___67 23561	37.80 -0.55 0.00	34.44 -0.26 0.00	31.85 -0.53 0.00	29.69 -0.48 0.00	27.58 -0.40 0.00	26.91 -0.41 0.00	38.43 -0.92 0.00	38.08 -1.35 0.00	40.53 -1.14 0.00	40.74 -1.33 0.00	40.26 -0.96 0.00	42.25 -0.97 0.00	42.02 -1.20 0.00	46.30 -1.74 0.00	59.15 -3.07 0.00	69.23 -2.91 0.00	84.10 -3.84 0.00	52.78 -2.63 -2.91	47.47 -2.40 -0.01	45.80 -2.10 0.00	50.13 -2.78 0.00	51.40 -2.67 0.00	41.81 -2.24 0.00	37.08 -1.56 0.00
HUNTLEY___68 23562	37.80 -0.55 0.00	34.44 -0.26 0.00	31.85 -0.53 0.00	29.69 -0.48 0.00	27.58 -0.40 0.00	26.91 -0.41 0.00	38.43 -0.92 0.00	38.08 -1.35 0.00	40.53 -1.14 0.00	40.74 -1.33 0.00	40.26 -0.96 0.00	42.25 -0.97 0.00	42.02 -1.20 0.00	46.30 -1.74 0.00	59.15 -3.07 0.00	69.23 -2.91 0.00	84.10 -3.84 0.00	52.78 -2.63 -2.91	47.47 -2.40 -0.01	45.80 -2.10 0.00	50.13 -2.78 0.00	51.40 -2.67 0.00	41.81 -2.24 0.00	37.08 -1.56 0.00

HYLAND___LFGE 323620	39.97 1.62 0.00	36.32 1.63 0.00	33.66 1.27 0.00	31.39 1.21 0.00	29.13 1.16 0.00	28.53 1.22 0.00	41.01 1.66 0.00	40.95 1.53 0.00	43.46 1.79 0.00	43.55 1.49 0.00	42.54 1.32 0.00	44.29 1.07 0.00	43.91 0.69 0.00	48.35 0.30 0.00	61.90 -0.32 0.00	72.07 -0.07 0.00	87.64 -0.30 0.00	55.43 -0.33 -3.25	50.42 0.55 -0.01	49.06 1.17 0.00	54.22 1.30 0.00	55.64 1.56 0.00	45.08 1.03 0.00	39.60 0.97 0.00
INDECK___CORINTH 23802	221.24 2.44 -180.44	36.96 2.26 0.00	34.47 2.09 0.00	32.27 2.10 0.00	29.88 1.90 0.00	29.21 1.89 0.00	41.73 2.38 0.00	40.95 1.52 0.00	43.01 1.35 0.00	43.40 1.34 0.00	42.20 0.98 0.00	44.08 0.87 0.00	43.98 0.77 0.00	49.53 1.49 0.00	64.65 2.44 0.00	75.16 3.02 0.00	90.79 2.88 0.02	54.13 1.63 0.00	51.15 1.29 0.00	49.01 1.11 0.00	54.29 1.38 0.00	55.73 1.66 0.00	45.18 1.13 0.00	39.87 1.23 0.00
INDECK___ILION 23567	38.64 0.28 0.00	35.02 0.33 0.00	32.77 0.39 0.00	30.58 0.41 0.00	28.34 0.37 0.00	27.67 0.35 0.00	39.71 0.35 0.00	39.59 0.17 0.00	41.76 0.09 0.00	42.05 -0.01 0.00	40.96 -0.26 0.00	42.88 -0.34 0.00	42.96 -0.26 0.00	48.11 0.07 0.00	62.72 0.51 0.00	72.73 0.59 0.00	88.40 0.47 0.00	52.79 0.29 0.00	50.01 0.15 0.00	47.96 0.06 0.00	53.20 0.28 0.00	54.40 0.33 0.00	44.21 0.16 0.00	38.72 0.08 0.00
INDECK___OLEAN 23982	38.77 0.42 0.00	35.50 0.80 0.00	32.99 0.61 0.00	30.83 0.65 0.00	28.62 0.64 0.00	28.00 0.68 0.00	40.11 0.76 0.00	40.04 0.61 0.00	42.46 0.79 0.00	42.65 0.59 0.01	42.06 0.85 0.00	43.80 0.59 0.00	43.45 0.24 0.00	48.28 0.23 0.00	61.73 -0.48 0.00	71.65 -0.50 0.00	86.77 -1.14 0.02	54.88 -1.18 -3.56	49.04 -0.83 -0.01	47.20 -0.70 0.00	51.86 -1.06 0.00	53.20 -0.87 0.00	43.23 -0.83 0.00	38.16 -0.48 0.00
INDECK___OSWEGO 23783	37.52 -0.83 0.00	34.08 -0.62 0.00	31.78 -0.61 0.00	29.64 -0.54 0.00	27.49 -0.49 0.00	26.80 -0.52 0.00	38.35 -1.01 0.00	38.26 -1.16 0.00	40.45 -1.22 0.00	40.86 -1.27 -0.07	40.09 -1.14 0.00	42.14 -1.08 0.00	42.08 -1.13 0.00	46.70 -1.35 0.00	60.16 -2.06 0.00	69.69 -2.45 0.00	85.11 -3.10 -0.28	50.80 -1.70 0.00	48.37 -1.49 0.00	46.54 -1.36 0.00	51.41 -1.51 0.00	52.56 -1.51 0.00	42.74 -1.31 0.00	37.52 -1.11 0.00
INDECK___YERKES 23781	38.02 -0.33 0.00	34.67 -0.02 0.00	32.06 -0.32 0.00	29.88 -0.30 0.00	27.73 -0.24 0.00	27.06 -0.26 0.00	38.65 -0.70 0.00	38.26 -1.17 0.00	40.76 -0.91 0.00	41.02 -1.04 0.00	40.53 -0.69 0.00	42.54 -0.68 0.00	42.31 -0.90 0.00	46.55 -1.50 0.00	59.43 -2.78 0.00	69.63 -2.51 0.00	84.54 -3.39 0.00	50.16 -2.34 0.00	47.71 -2.15 0.00	46.06 -1.84 0.00	50.37 -2.54 0.00	51.65 -2.42 0.00	42.00 -2.05 0.00	37.26 -1.38 0.00
INDIAN POINT_GT_1 24139	47.20 1.70 -7.15	36.42 1.72 0.00	34.08 1.69 0.00	31.81 1.63 0.00	29.40 1.42 0.00	28.61 1.29 0.00	41.14 1.80 0.00	41.30 1.87 0.00	43.67 2.00 0.00	43.96 1.91 0.01	43.03 1.81 0.00	45.08 1.87 0.00	45.21 1.99 0.00	50.54 2.49 0.00	65.86 3.65 0.00	76.24 4.09 0.00	93.02 5.11 0.02	197.13 2.76 -141.87	52.52 2.32 -0.34	49.92 2.01 0.00	55.37 2.46 0.00	56.60 2.54 0.00	45.93 1.88 0.00	40.22 1.58 0.00
INDIAN POINT_GT_2 23659	47.20 1.70 -7.15	36.42 1.72 0.00	34.08 1.69 0.00	31.81 1.63 0.00	29.40 1.42 0.00	28.61 1.29 0.00	41.14 1.80 0.00	41.30 1.87 0.00	43.67 2.00 0.00	43.96 1.91 0.01	43.03 1.81 0.00	45.08 1.87 0.00	45.21 1.99 0.00	50.54 2.49 0.00	65.86 3.65 0.00	76.24 4.09 0.00	93.02 5.11 0.02	197.13 2.76 -141.87	52.52 2.32 -0.34	49.92 2.01 0.00	55.37 2.46 0.00	56.60 2.54 0.00	45.93 1.88 0.00	40.22 1.58 0.00
INDIAN POINT_GT_3 24019	47.20 1.70 -7.15	36.42 1.72 0.00	34.08 1.69 0.00	31.81 1.63 0.00	29.40 1.42 0.00	28.61 1.29 0.00	41.14 1.80 0.00	41.30 1.87 0.00	43.67 2.00 0.00	43.96 1.91 0.01	43.03 1.81 0.00	45.08 1.87 0.00	45.21 1.99 0.00	50.54 2.49 0.00	65.86 3.65 0.00	76.24 4.09 0.00	93.02 5.11 0.02	197.13 2.76 -141.87	52.52 2.32 -0.34	49.92 2.01 0.00	55.37 2.46 0.00	56.60 2.54 0.00	45.93 1.88 0.00	40.22 1.58 0.00
INDIAN POINT___2 23530	47.04 1.62 -7.07	36.35 1.65 0.00	34.02 1.64 0.00	31.76 1.59 0.00	29.35 1.38 0.00	28.57 1.25 0.00	41.08 1.73 0.00	41.24 1.81 0.00	43.60 1.93 0.00	43.87 1.82 0.01	42.95 1.73 0.00	45.02 1.80 0.00	45.14 1.93 0.00	50.48 2.44 0.00	65.78 3.57 0.00	76.11 3.97 0.00	92.87 4.96 0.02	194.35 2.68 -139.18	52.44 2.24 -0.33	49.86 1.96 0.00	55.32 2.40 0.00	56.53 2.46 0.00	45.88 1.83 0.00	40.16 1.53 0.00
INDIAN POINT___3 23531	47.12 1.62 -7.15	36.35 1.65 0.00	34.03 1.64 0.00	31.77 1.59 0.00	29.35 1.38 0.00	28.57 1.25 0.00	41.09 1.74 0.00	41.23 1.80 0.00	43.58 1.91 0.00	43.88 1.82 0.01	42.94 1.73 0.00	45.00 1.78 0.00	45.12 1.91 0.00	50.45 2.40 0.00	65.74 3.52 0.00	76.08 3.94 0.00	92.82 4.91 0.02	197.07 2.64 -141.93	52.43 2.23 -0.34	49.85 1.95 0.00	55.29 2.38 0.00	56.51 2.44 0.00	45.86 1.81 0.00	40.16 1.53 0.00
INGHAM_C_115KV_TB7 356103	38.78 0.43 0.00	35.22 0.52 0.00	33.05 0.67 0.00	30.88 0.70 0.00	28.59 0.62 0.00	27.93 0.61 0.00	39.97 0.62 0.00	39.61 0.18 0.00	41.64 -0.03 0.00	41.81 -0.25 0.00	40.39 -0.83 0.00	42.19 -1.03 0.00	42.36 -0.85 0.00	47.92 -0.12 0.00	63.11 0.90 0.00	73.35 1.21 0.00	88.88 0.94 0.00	53.00 0.50 0.00	49.99 0.13 0.00	47.85 -0.05 0.00	53.33 0.42 0.00	54.60 0.53 0.00	44.26 0.21 0.00	38.70 0.06 0.00
IP CORINTH___1 23988	221.27 2.48 -180.44	36.96 2.26 0.00	34.47 2.09 0.00	32.27 2.10 0.00	29.88 1.90 0.00	29.21 1.89 0.00	41.80 2.45 0.00	41.14 1.71 0.00	43.24 1.57 0.00	43.62 1.57 0.00	42.43 1.21 0.00	44.33 1.11 0.00	44.23 1.01 0.00	49.82 1.77 0.00	65.01 2.80 0.00	75.58 3.44 0.00	91.30 3.38 0.02	54.43 1.93 0.00	51.43 1.57 0.00	49.28 1.38 0.00	54.59 1.67 0.00	56.03 1.96 0.00	45.43 1.37 0.00	40.06 1.42 0.00
IP___TICONDEROGA 23804	232.46 3.90 -190.21	37.95 3.25 0.00	35.19 2.81 0.00	33.35 3.18 0.00	30.76 2.78 0.00	30.30 2.98 0.00	43.96 4.61 0.00	42.93 3.50 0.00	44.21 2.54 0.00	44.69 2.63 0.00	43.06 1.84 0.00	45.21 1.99 0.00	44.92 1.70 0.00	51.53 3.49 0.00	67.29 5.08 0.00	78.94 6.79 0.00	96.97 9.06 0.02	57.47 4.98 0.00	54.75 4.89 0.00	52.23 4.33 0.00	58.23 5.31 0.00	58.96 4.89 0.00	47.45 3.40 0.00	42.08 3.44 0.00
ISLIP_RES_REC 323679	54.17 2.69 -13.13	41.80 2.63 -4.48	38.88 2.42 -4.07	32.93 2.49 -0.27	30.00 2.28 0.25	28.05 2.16 1.44	44.42 2.75 -2.32	45.21 2.96 -2.82	47.85 3.21 -2.97	50.52 2.95 -5.50	46.13 2.56 -2.36	46.58 2.42 -0.94	47.35 2.35 -1.79	52.67 2.88 -1.75	68.78 3.97 -2.60	76.55 4.11 -0.29	93.19 5.16 -0.09	217.02 2.93 -161.59	71.42 2.95 -18.61	55.33 2.71 -4.72	61.66 3.37 -5.37	61.17 3.35 -3.75	46.50 2.75 0.30	43.12 2.30 -2.18

JAMAICA__27_KV_LOAD 355505	47.37 1.81 -7.21	36.66 1.96 0.00	34.27 1.89 0.00	31.97 1.79 0.00	29.55 1.58 0.00	28.76 1.44 0.00	41.38 2.03 0.00	41.54 2.11 0.00	43.94 2.27 0.00	44.28 2.22 0.01	43.38 2.17 0.00	45.44 2.22 0.00	45.55 2.33 0.00	50.82 2.78 0.00	66.37 4.16 0.00	76.80 4.66 0.00	93.74 5.83 0.02	199.34 3.02 -143.83	52.74 2.54 -0.34	50.11 2.21 0.00	55.69 2.77 0.00	56.97 2.90 0.00	46.22 2.17 0.00	40.37 1.74 0.00
JANIS__SOLAR 323808	43.28 1.73 -3.21	36.40 1.71 0.00	33.84 1.46 0.00	31.58 1.40 0.00	29.32 1.35 0.00	28.72 1.40 0.00	41.30 1.95 0.00	41.29 1.86 0.00	43.39 1.72 0.00	43.74 1.70 0.02	42.91 1.69 0.00	45.07 1.85 0.00	45.26 2.05 0.00	50.06 2.01 0.00	63.94 1.73 0.00	74.11 1.97 0.00	90.55 2.68 0.07	59.89 1.84 -5.55	51.89 2.02 -0.01	49.99 2.09 0.00	55.31 2.40 0.00	56.56 2.49 0.00	45.87 1.82 0.00	40.11 1.47 0.00
JARVIS____ 23743	38.43 0.08 0.00	34.80 0.11 0.00	32.52 0.14 0.00	30.33 0.15 0.00	28.10 0.12 0.00	27.42 0.11 0.00	39.42 0.07 0.00	39.45 0.02 0.00	41.67 0.00 0.00	42.04 -0.02 0.00	41.18 -0.04 0.00	43.16 -0.06 0.00	43.17 -0.04 0.00	48.04 -0.01 0.00	62.26 0.05 0.00	72.16 0.02 0.00	87.85 -0.09 0.00	52.45 -0.05 0.00	49.81 -0.05 0.00	47.82 -0.08 0.00	52.91 0.00 0.00	54.07 0.00 0.00	44.02 -0.03 0.00	38.61 -0.02 0.00
JENNISON____1 23625	45.18 1.73 -5.09	36.50 1.80 0.00	33.99 1.61 0.00	31.72 1.54 0.00	29.41 1.44 0.00	28.81 1.49 0.00	41.45 2.10 0.00	41.51 2.08 0.00	43.71 2.04 0.00	44.00 1.96 0.02	43.20 1.98 0.00	45.36 2.14 0.00	45.56 2.34 0.00	50.43 2.38 0.00	64.79 2.58 0.00	75.41 3.27 0.00	92.07 4.21 0.08	62.04 2.42 -7.12	52.47 2.59 -0.02	50.38 2.48 0.00	55.59 2.68 0.00	56.79 2.72 0.00	46.06 2.01 0.00	40.27 1.63 0.00
JENNISON____2 23626	45.18 1.73 -5.09	36.50 1.80 0.00	33.99 1.61 0.00	31.72 1.54 0.00	29.41 1.44 0.00	28.81 1.49 0.00	41.45 2.10 0.00	41.51 2.08 0.00	43.71 2.04 0.00	44.00 1.96 0.02	43.20 1.98 0.00	45.36 2.14 0.00	45.56 2.34 0.00	50.43 2.38 0.00	64.79 2.58 0.00	75.41 3.27 0.00	92.07 4.21 0.08	62.04 2.42 -7.12	52.47 2.59 -0.02	50.38 2.48 0.00	55.59 2.68 0.00	56.79 2.72 0.00	46.06 2.01 0.00	40.27 1.63 0.00
JERICOHO_RISE_WT_PWR 323719	38.66 0.31 0.00	34.80 0.10 0.00	32.33 -0.06 0.00	30.07 -0.11 0.00	27.90 -0.08 0.00	27.36 0.04 0.00	39.65 0.29 0.00	39.93 0.50 0.00	42.17 0.50 0.00	42.68 0.62 0.00	41.81 0.59 0.00	43.84 0.63 0.00	43.85 0.64 0.00	48.70 0.65 0.00	63.17 0.96 0.00	73.27 1.13 0.00	89.55 1.61 0.00	53.41 0.91 0.00	50.92 1.06 0.00	49.06 1.17 0.00	54.06 1.14 0.00	55.21 1.14 0.00	45.03 0.98 0.00	39.43 0.79 0.00
KATONAH__115KV_46KV_TB4 355592	47.63 1.96 -7.32	36.63 1.93 0.00	34.25 1.87 0.00	31.95 1.77 0.00	29.53 1.55 0.00	28.75 1.43 0.00	41.37 2.02 0.00	41.53 2.11 0.00	43.94 2.27 0.00	44.26 2.20 0.01	43.33 2.11 0.00	45.41 2.19 0.00	45.53 2.32 0.00	50.90 2.85 0.00	66.35 4.14 0.00	76.81 4.67 0.00	93.76 5.85 0.02	201.70 3.23 -145.97	52.95 2.75 -0.35	50.31 2.41 0.00	55.77 2.86 0.00	56.97 2.90 0.00	46.24 2.18 0.00	40.46 1.83 0.00
KCE_NY_1 323755	244.31 1.99 -203.98	36.44 1.75 0.00	34.09 1.71 0.00	31.87 1.69 0.00	29.51 1.54 0.00	28.82 1.50 0.00	41.34 1.99 0.00	41.04 1.61 0.00	43.31 1.64 0.00	43.74 1.68 0.00	42.58 1.36 0.00	44.43 1.21 0.00	44.33 1.11 0.00	49.77 1.73 0.00	64.92 2.71 0.00	75.35 3.21 0.00	91.63 3.71 0.02	54.55 2.05 0.00	51.62 1.76 0.00	49.55 1.65 0.00	54.83 1.91 0.00	56.09 2.02 0.00	45.64 1.59 0.00	40.05 1.42 0.00
KCE_NY_6_ESR 323823	38.36 0.00 0.00	34.94 0.24 0.00	32.32 -0.06 0.00	30.12 -0.05 0.00	27.96 -0.01 0.00	27.31 -0.01 0.00	39.05 -0.30 0.00	38.77 -0.66 0.00	41.23 -0.43 0.00	41.47 -0.59 0.00	40.97 -0.25 0.00	42.98 -0.23 0.00	42.74 -0.47 0.00	47.16 -0.89 0.00	60.28 -1.94 0.00	70.47 -1.67 0.00	85.57 -2.37 0.00	53.82 -1.77 -3.09	48.33 -1.54 -0.01	46.60 -1.30 0.00	51.03 -1.89 0.00	52.29 -1.78 0.00	42.50 -1.56 0.00	37.65 -0.98 0.00
KEDC_PORT_JEFF_GT2 24210	53.37 2.43 -12.58	41.26 2.44 -4.13	38.40 2.26 -3.76	32.75 2.33 -0.25	29.81 2.14 0.30	27.61 2.02 1.73	43.96 2.52 -2.09	44.74 2.72 -2.60	47.33 2.92 -2.74	49.86 2.65 -5.15	45.60 2.25 -2.14	46.12 2.11 -0.79	46.89 2.04 -1.63	52.19 2.55 -1.60	67.90 3.29 -2.39	75.64 3.23 -0.27	92.10 4.08 -0.08	216.11 2.27 -161.34	70.62 2.32 -18.44	54.48 2.09 -4.49	60.94 2.79 -5.23	60.95 2.75 -4.14	45.94 2.43 0.53	42.69 2.05 -2.01
KEDC_PORT_JEFF_GT3 24211	53.37 2.43 -12.58	41.26 2.44 -4.13	38.40 2.26 -3.76	32.75 2.33 -0.25	29.81 2.14 0.30	27.61 2.02 1.73	43.96 2.52 -2.09	44.74 2.72 -2.60	47.33 2.92 -2.74	49.86 2.65 -5.15	45.60 2.25 -2.14	46.12 2.11 -0.79	46.89 2.04 -1.63	52.19 2.55 -1.60	67.90 3.29 -2.39	75.64 3.23 -0.27	92.10 4.08 -0.08	216.11 2.27 -161.34	70.62 2.32 -18.44	54.48 2.09 -4.49	60.94 2.79 -5.23	60.95 2.75 -4.14	45.94 2.43 0.53	42.69 2.05 -2.01
KEDC_GLWD_GT4 24219	80.25 2.25 -39.64	58.52 2.23 -21.59	54.15 2.12 -19.65	33.51 2.05 -1.29	31.72 1.87 -1.87	39.72 1.74 -10.67	54.77 2.28 -13.13	55.46 2.43 -13.60	58.61 2.64 -14.30	68.06 2.52 -23.48	56.46 2.24 -12.99	53.58 2.14 -8.22	55.01 2.20 -9.60	60.09 2.77 -9.27	78.75 4.02 -12.53	77.93 4.36 -1.43	93.93 5.45 -0.54	235.42 2.98 -179.94	86.22 2.62 -33.74	70.79 2.27 -20.63	77.15 2.81 -21.43	68.45 2.82 -11.55	56.05 2.22 -9.78	51.83 2.06 -11.15
KEDC_GLWD_GT5 24220	80.25 2.25 -39.64	58.52 2.23 -21.59	54.15 2.12 -19.65	33.51 2.05 -1.29	31.72 1.87 -1.87	39.72 1.74 -10.67	54.77 2.28 -13.13	55.46 2.43 -13.60	58.61 2.64 -14.30	68.06 2.52 -23.48	56.46 2.24 -12.99	53.58 2.14 -8.22	55.01 2.20 -9.60	60.09 2.77 -9.27	78.75 4.02 -12.53	77.93 4.36 -1.43	93.93 5.45 -0.54	235.42 2.98 -179.94	86.22 2.62 -33.74	70.79 2.27 -20.63	77.15 2.81 -21.43	68.45 2.82 -11.55	56.05 2.22 -9.78	51.83 2.06 -11.15
KENSICO____ 23655	47.35 1.80 -7.20	36.51 1.82 0.00	34.17 1.78 0.00	31.87 1.70 0.00	29.47 1.49 0.00	28.68 1.36 0.00	41.26 1.91 0.00	41.42 1.99 0.00	43.81 2.14 0.00	44.12 2.06 0.01	43.17 1.96 0.00	45.23 2.01 0.00	45.34 2.12 0.00	50.67 2.62 0.00	66.04 3.82 0.00	76.43 4.29 0.00	93.25 5.34 0.02	198.84 2.89 -143.45	52.66 2.46 -0.34	50.05 2.15 0.00	55.52 2.61 0.00	56.74 2.67 0.00	46.07 2.02 0.00	40.34 1.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.38 2.36 -8.67	36.92 2.23 0.00	34.49 2.11 0.00	32.14 1.96 0.00	29.69 1.72 0.00	28.92 1.59 0.00	41.65 2.30 0.00	41.85 2.42 0.00	44.25 2.58 0.00	44.52 2.46 0.01	43.48 2.26 0.00	45.54 2.32 0.00	45.65 2.44 0.00	51.08 3.04 0.00	66.70 4.49 0.00	77.64 5.49 0.00	94.13 6.22 0.03	166.14 3.39 -110.26	53.08 2.95 -0.26	50.58 2.68 0.00	56.06 3.15 0.00	57.27 3.20 0.00	46.41 2.36 0.00	40.56 1.92 0.00

KIAC_JFK_GT1 23816	46.99 1.44 -7.21	36.42 1.73 0.00	34.06 1.68 0.00	31.78 1.60 0.00	29.38 1.40 0.00	28.59 1.27 0.00	41.08 1.73 0.00	41.14 1.72 0.00	43.52 1.85 0.00	43.86 1.80 0.01	42.97 1.75 0.00	45.01 1.79 0.00	45.12 1.90 0.00	50.35 2.31 0.00	65.76 3.55 0.00	76.08 3.94 0.00	92.86 4.94 0.02	198.80 2.48 -143.83	52.22 2.01 -0.34	49.60 1.70 0.00	55.12 2.20 0.00	56.40 2.33 0.00	45.77 1.72 0.00	39.99 1.35 0.00
KIAC_JFK_GT2 23817	46.99 1.44 -7.21	36.42 1.73 0.00	34.06 1.68 0.00	31.78 1.60 0.00	29.38 1.40 0.00	28.59 1.27 0.00	41.08 1.73 0.00	41.14 1.72 0.00	43.52 1.85 0.00	43.86 1.80 0.01	42.97 1.75 0.00	45.01 1.79 0.00	45.12 1.90 0.00	50.35 2.31 0.00	65.76 3.55 0.00	76.08 3.94 0.00	92.86 4.94 0.02	198.80 2.48 -143.83	52.22 2.01 -0.34	49.60 1.70 0.00	55.12 2.20 0.00	56.40 2.33 0.00	45.77 1.72 0.00	39.99 1.35 0.00
KIAC_JFK____ 323774	46.99 1.44 -7.21	36.42 1.72 0.00	34.06 1.68 0.00	31.78 1.60 0.00	29.38 1.40 0.00	28.59 1.27 0.00	41.08 1.73 0.00	41.14 1.72 0.00	43.52 1.86 0.00	43.85 1.80 0.01	42.97 1.75 0.00	45.01 1.78 0.00	45.12 1.90 0.00	50.35 2.30 0.00	65.76 3.55 0.00	76.08 3.94 0.00	92.85 4.94 0.02	198.81 2.48 -143.83	52.22 2.01 -0.34	49.60 1.70 0.00	55.12 2.20 0.00	56.40 2.33 0.00	45.78 1.73 0.00	39.98 1.35 0.00
KINTIGH__24_KV_GSU 356498	37.69 -0.67 0.00	34.32 -0.38 0.00	31.79 -0.60 0.00	29.63 -0.55 0.00	27.52 -0.45 0.00	26.85 -0.47 0.00	38.36 -0.99 0.00	38.06 -1.37 0.00	40.49 -1.18 0.00	40.74 -1.32 0.00	40.19 -1.03 0.00	42.14 -1.08 0.00	41.90 -1.32 0.00	46.20 -1.84 0.00	59.14 -3.08 0.00	69.14 -3.00 0.00	84.06 -3.88 0.00	49.95 -2.55 0.00	47.47 -2.39 0.00	45.80 -2.11 0.00	50.19 -2.72 0.00	51.45 -2.62 0.00	41.84 -2.21 0.00	37.06 -1.57 0.00
KINTIGH____ 23543	37.65 -0.70 0.00	34.29 -0.41 0.00	31.76 -0.63 0.00	29.60 -0.58 0.00	27.50 -0.48 0.00	26.83 -0.49 0.00	38.33 -1.02 0.00	38.02 -1.41 0.00	40.45 -1.21 0.00	40.69 -1.37 0.00	40.15 -1.07 0.00	42.10 -1.12 0.00	41.86 -1.36 0.00	46.16 -1.89 0.00	59.08 -3.14 0.00	69.08 -3.07 0.00	83.97 -3.96 0.00	49.91 -2.59 0.00	47.43 -2.43 0.00	45.76 -2.15 0.00	50.14 -2.77 0.00	51.39 -2.68 0.00	41.80 -2.25 0.00	37.03 -1.60 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.02 0.66 0.00	35.12 0.42 0.00	32.58 0.20 0.00	30.30 0.12 0.00	28.11 0.13 0.00	27.60 0.28 0.00	40.00 0.65 0.00	40.28 0.85 0.00	42.46 0.80 0.00	42.97 0.91 0.00	42.02 0.80 0.00	44.03 0.81 0.00	44.03 0.81 0.00	49.23 1.19 0.00	64.09 1.87 0.00	74.23 2.09 0.00	90.82 2.88 0.00	54.05 1.55 0.00	51.65 1.79 0.00	49.84 1.94 0.00	54.87 1.95 0.00	56.02 1.95 0.00	45.68 1.63 0.00	39.95 1.32 0.00
LACHUTE____HYDRO 323717	232.46 3.90 -190.21	37.95 3.25 0.00	35.19 2.81 0.00	33.36 3.18 0.00	30.76 2.78 0.00	30.30 2.98 0.00	43.96 4.61 0.00	42.93 3.50 0.00	44.21 2.54 0.00	44.69 2.63 0.00	43.06 1.84 0.00	45.21 1.99 0.00	44.92 1.70 0.00	51.53 3.49 0.00	67.29 5.08 0.00	78.93 6.79 0.00	96.97 9.05 0.02	57.47 4.97 0.00	54.75 4.89 0.00	52.23 4.33 0.00	58.23 5.31 0.00	58.96 4.89 0.00	47.45 3.40 0.00	42.08 3.44 0.00
LAWRNCV_115KV_TB1 80681	38.21 -0.14 0.00	34.33 -0.37 0.00	31.88 -0.50 0.00	29.63 -0.55 0.00	27.49 -0.49 0.00	26.83 -0.49 0.00	39.09 -0.26 0.00	39.32 -0.11 0.00	41.34 -0.33 0.00	41.85 -0.21 0.00	41.30 0.08 0.00	43.39 0.17 0.00	43.56 0.35 0.00	48.12 0.08 0.00	62.39 0.18 0.00	72.02 -0.12 0.00	88.04 0.10 0.00	52.57 0.07 0.00	50.26 0.40 0.00	48.62 0.72 0.00	53.63 0.72 0.00	54.92 0.85 0.00	44.84 0.79 0.00	39.18 0.54 0.00
LEDERLE____ 23769	47.16 1.81 -7.00	36.51 1.81 0.00	34.18 1.80 0.00	31.92 1.74 0.00	29.48 1.51 0.00	28.70 1.38 0.00	41.28 1.92 0.00	41.44 2.01 0.00	43.82 2.15 0.00	44.12 2.06 0.01	43.21 1.98 0.00	45.32 2.10 0.00	45.50 2.28 0.00	50.92 2.88 0.00	66.37 4.16 0.00	76.78 4.64 0.00	93.64 5.73 0.02	192.30 3.12 -136.69	52.84 2.66 -0.33	50.24 2.34 0.00	55.71 2.80 0.00	56.92 2.86 0.00	46.14 2.09 0.00	40.37 1.74 0.00
LIGHTHSE_115KV_TB6 355974	38.50 0.14 0.00	34.91 0.21 0.00	32.53 0.15 0.00	30.33 0.16 0.00	28.13 0.15 0.00	27.42 0.10 0.00	39.28 -0.07 0.00	39.20 -0.23 0.00	41.38 -0.28 0.00	41.73 -0.37 -0.04	41.13 -0.09 0.00	43.31 0.09 0.00	43.31 0.10 0.00	47.95 -0.09 0.00	61.50 -0.71 0.00	71.00 -1.15 0.00	86.35 -1.72 -0.14	51.73 -0.77 0.00	49.44 -0.42 0.00	47.83 -0.07 0.00	52.93 0.01 0.00	54.21 0.14 0.00	44.02 -0.03 0.00	38.55 -0.09 0.00
LINDEN COGEN____ 23786	47.20 1.64 -7.21	36.40 1.71 0.00	34.07 1.69 0.00	31.78 1.61 0.00	29.38 1.40 0.00	28.59 1.27 0.00	41.14 1.79 0.00	41.36 1.93 0.00	43.73 2.07 0.00	44.02 1.97 0.01	43.12 1.90 0.00	45.15 1.93 0.00	45.26 2.05 0.00	50.57 2.53 0.00	66.00 3.79 0.00	76.28 4.14 0.00	93.00 5.08 0.02	99.98 2.61 -44.88	52.12 2.17 -0.09	49.79 1.89 0.00	55.39 2.47 0.00	56.63 2.56 0.00	46.02 1.97 0.00	40.25 1.61 0.00
LINDHRST_69_KV_BK1 356055	60.80 2.58 -19.87	46.01 2.54 -8.78	42.74 2.37 -7.98	33.05 2.35 -0.52	30.50 2.17 -0.35	31.36 2.05 -2.00	47.02 2.59 -5.08	47.76 2.81 -5.53	50.49 3.01 -5.81	54.79 2.76 -9.97	48.65 2.37 -5.06	48.39 2.27 -2.90	49.26 2.19 -3.85	54.47 2.76 -3.67	71.20 3.90 -5.09	76.75 4.01 -0.59	93.22 5.08 -0.21	220.59 2.93 -165.16	73.88 2.81 -21.21	59.04 2.52 -8.62	65.07 3.16 -9.00	61.48 3.20 -4.21	49.34 2.68 -2.61	45.42 2.25 -4.54
LIPA_MISC_IPP 23656	53.02 2.32 -12.35	40.92 2.24 -3.98	38.07 2.07 -3.62	32.65 2.24 -0.24	29.68 2.02 0.32	27.39 1.92 1.84	43.72 2.37 -2.00	44.50 2.57 -2.51	47.09 2.78 -2.64	49.56 2.50 -4.99	45.34 2.08 -2.04	45.84 1.90 -0.72	46.55 1.77 -1.56	51.77 2.20 -1.53	67.59 3.07 -2.31	75.46 3.06 -0.26	91.89 3.88 -0.08	215.86 2.14 -161.23	70.49 2.28 -18.35	54.30 2.13 -4.27	60.58 2.74 -4.92	60.39 2.79 -3.53	45.69 2.26 0.62	42.45 1.89 -1.93
LISF____SOLAR 323691	53.19 2.40 -12.44	41.05 2.31 -4.04	38.19 2.13 -3.68	32.71 2.30 -0.24	29.73 2.07 0.31	27.49 1.97 1.80	43.84 2.46 -2.04	44.61 2.64 -2.54	47.19 2.84 -2.68	49.67 2.55 -5.06	45.43 2.13 -2.08	45.89 1.92 -0.75	46.60 1.79 -1.59	51.84 2.24 -1.56	67.71 3.15 -2.34	75.58 3.17 -0.27	92.05 4.04 -0.08	216.02 2.25 -161.27	70.67 2.42 -18.39	54.49 2.26 -4.33	60.78 2.87 -4.99	60.61 2.93 -3.61	45.81 2.35 0.59	42.57 1.98 -1.96
LITTLE FALLS____HYD 24013	38.78 0.43 0.00	35.22 0.52 0.00	33.05 0.67 0.00	30.88 0.70 0.00	28.59 0.62 0.00	27.93 0.61 0.00	39.97 0.62 0.00	39.61 0.18 0.00	41.64 -0.03 0.00	41.81 -0.25 0.00	40.39 -0.83 0.00	42.19 -1.03 0.00	42.36 -0.85 0.00	47.92 0.90 0.00	63.11 1.21 0.00	73.35 1.21 0.00	88.88 0.94 0.00	53.00 0.50 0.00	49.99 0.13 0.00	47.85 -0.05 0.00	53.33 0.42 0.00	54.60 0.53 0.00	44.26 0.21 0.00	38.70 0.06 0.00

LITTLRIV_115KV_TB1 356100	38.96 0.61 0.00	34.96 0.26 0.00	32.46 0.07 0.00	30.14 -0.03 0.00	27.98 0.00 0.00	27.35 0.03 0.00	39.88 0.53 0.00	40.05 0.62 0.00	41.97 0.30 0.00	42.26 0.19 0.00	41.53 0.31 0.00	43.64 0.42 0.00	44.00 0.78 0.00	48.54 0.49 0.00	62.91 0.70 0.00	72.35 0.20 0.00	88.56 0.62 0.00	52.94 0.44 0.00	50.76 0.91 0.00	49.41 1.51 0.00	54.51 1.60 0.00	55.81 1.74 0.00	45.51 1.45 0.00	39.72 1.09 0.00
LI_NEWBRDGE___DRP 323616	47.68 1.97 -7.36	37.51 2.00 -0.81	35.02 1.90 -0.74	32.10 1.89 -0.04	28.98 1.78 0.78	24.51 1.64 4.45	41.28 1.97 0.04	42.07 2.14 -0.51	44.50 2.29 -0.55	45.88 2.07 -1.75	43.09 1.84 -0.04	44.35 1.81 0.68	45.10 1.75 -0.14	50.46 2.29 -0.13	66.00 3.32 -0.47	75.60 3.40 -0.06	92.18 4.25 0.00	213.69 2.32 -158.87	68.70 2.15 -16.68	50.72 1.88 -0.93	56.35 2.47 -0.97	55.29 2.48 1.27	43.42 2.02 2.66	40.58 1.64 -0.30
LOCKPORT_115KV_TB60_63_64 80432	37.90 -0.45 0.00	34.50 -0.19 0.00	31.90 -0.48 0.00	29.73 -0.45 0.00	27.61 -0.36 0.00	26.93 -0.39 0.00	38.46 -0.90 0.00	37.96 -1.47 0.00	40.44 -1.23 0.00	40.64 -1.42 0.00	40.16 -1.06 0.00	42.13 -1.09 0.00	41.85 -1.36 0.00	46.03 -2.02 0.00	58.75 -3.46 0.00	68.74 -3.41 0.00	83.43 -4.50 0.00	49.54 -2.96 0.00	47.11 -2.75 0.00	45.55 -2.35 0.00	49.81 -3.10 0.00	51.11 -2.97 0.00	41.62 -2.43 0.00	36.93 -1.71 0.00
LOCKPORT___CC1 323769	37.85 -0.50 0.00	34.46 -0.23 0.00	31.87 -0.51 0.00	29.69 -0.48 0.00	27.58 -0.39 0.00	26.91 -0.41 0.00	38.41 -0.94 0.00	37.93 -1.49 0.00	40.41 -1.26 0.00	40.63 -1.43 0.00	40.13 -1.09 0.00	42.10 -1.12 0.00	41.83 -1.38 0.00	46.01 -2.03 0.00	58.74 -3.48 0.00	68.74 -3.40 0.00	83.45 -4.49 0.00	49.54 -2.96 0.00	47.11 -2.76 0.00	45.54 -2.36 0.00	49.81 -3.11 0.00	51.10 -2.98 0.00	41.61 -2.44 0.00	36.93 -1.70 0.00
LOCKPORT___CC2 323770	37.85 -0.50 0.00	34.46 -0.23 0.00	31.87 -0.51 0.00	29.69 -0.48 0.00	27.58 -0.39 0.00	26.91 -0.41 0.00	38.41 -0.94 0.00	37.93 -1.49 0.00	40.41 -1.26 0.00	40.63 -1.43 0.00	40.13 -1.09 0.00	42.10 -1.12 0.00	41.83 -1.38 0.00	46.01 -2.03 0.00	58.74 -3.48 0.00	68.74 -3.40 0.00	83.45 -4.49 0.00	49.54 -2.96 0.00	47.11 -2.76 0.00	45.54 -2.36 0.00	49.81 -3.11 0.00	51.10 -2.98 0.00	41.61 -2.44 0.00	36.93 -1.70 0.00
LOCKPORT___CC3 323771	37.85 -0.50 0.00	34.46 -0.23 0.00	31.87 -0.51 0.00	29.69 -0.48 0.00	27.58 -0.39 0.00	26.91 -0.41 0.00	38.41 -0.94 0.00	37.93 -1.49 0.00	40.41 -1.26 0.00	40.63 -1.43 0.00	40.13 -1.09 0.00	42.10 -1.12 0.00	41.83 -1.38 0.00	46.01 -2.03 0.00	58.74 -3.48 0.00	68.74 -3.40 0.00	83.45 -4.49 0.00	49.54 -2.96 0.00	47.11 -2.76 0.00	45.54 -2.36 0.00	49.81 -3.11 0.00	51.10 -2.98 0.00	41.61 -2.44 0.00	36.93 -1.70 0.00
LOCUSVLY_69_KV_BK2 55797	73.89 2.43 -33.11	54.45 2.38 -17.36	50.43 2.25 -15.80	33.39 2.18 -1.04	31.34 2.00 -1.36	36.96 1.86 -7.78	52.22 2.39 -10.47	52.92 2.56 -10.94	55.95 2.78 -11.50	63.72 2.65 -19.01	54.00 2.41 -10.37	52.04 2.39 -6.43	53.30 2.43 -7.65	58.52 3.07 -7.41	76.70 4.42 -10.07	78.06 4.77 -1.14	94.31 5.95 -0.43	230.92 3.31 -175.11	82.49 2.94 -29.69	67.01 2.55 -16.56	73.26 3.14 -17.20	66.19 3.15 -8.97	53.86 2.49 -7.32	49.70 2.15 -8.91
LONG_LAKE_PHOENIX 24014	37.66 -0.69 0.00	34.21 -0.49 0.00	31.88 -0.50 0.00	29.73 -0.45 0.00	27.58 -0.39 0.00	26.92 -0.41 0.00	38.51 -0.84 0.00	38.45 -0.98 0.00	40.68 -0.99 0.00	41.10 -1.02 -0.06	40.32 -0.90 0.00	42.37 -0.85 0.00	42.30 -0.91 0.00	46.96 -1.08 0.00	60.49 -1.72 0.00	70.11 -2.03 0.00	85.62 -2.52 -0.21	51.11 -1.39 0.00	48.65 -1.21 0.00	46.80 -1.11 0.00	51.66 -1.25 0.00	52.80 -1.27 0.00	42.91 -1.14 0.00	37.67 -0.97 0.00
LOVETT___3 23632	46.93 1.53 -7.04	36.27 1.57 0.00	33.97 1.58 0.00	31.72 1.55 0.00	29.31 1.33 0.00	28.53 1.20 0.00	41.02 1.67 0.00	41.15 1.72 0.00	43.49 1.83 0.00	43.79 1.73 0.01	42.85 1.63 0.00	44.92 1.70 0.00	45.06 1.84 0.00	50.39 2.34 0.00	65.66 3.44 0.00	75.97 3.83 0.00	92.67 4.76 0.02	193.26 2.55 -138.21	52.32 2.13 -0.33	49.76 1.86 0.00	55.20 2.29 0.00	56.42 2.35 0.00	45.79 1.74 0.00	40.10 1.47 0.00
LOVETT___4 23642	46.93 1.53 -7.04	36.27 1.57 0.00	33.97 1.58 0.00	31.72 1.55 0.00	29.31 1.33 0.00	28.53 1.20 0.00	41.02 1.67 0.00	41.15 1.72 0.00	43.49 1.83 0.00	43.79 1.73 0.01	42.85 1.63 0.00	44.92 1.70 0.00	45.06 1.84 0.00	50.39 2.34 0.00	65.66 3.44 0.00	75.97 3.83 0.00	92.67 4.76 0.02	193.26 2.55 -138.21	52.32 2.13 -0.33	49.76 1.86 0.00	55.20 2.29 0.00	56.42 2.35 0.00	45.79 1.74 0.00	40.10 1.47 0.00
LOVETT___5 23593	46.93 1.53 -7.04	36.27 1.57 0.00	33.97 1.58 0.00	31.72 1.55 0.00	29.31 1.33 0.00	28.53 1.20 0.00	41.02 1.67 0.00	41.15 1.72 0.00	43.49 1.83 0.00	43.79 1.73 0.01	42.85 1.63 0.00	44.92 1.70 0.00	45.06 1.84 0.00	50.39 2.34 0.00	65.66 3.44 0.00	75.97 3.83 0.00	92.67 4.76 0.02	193.26 2.55 -138.21	52.32 2.13 -0.33	49.76 1.86 0.00	55.20 2.29 0.00	56.42 2.35 0.00	45.79 1.74 0.00	40.10 1.47 0.00
LOWER RAQUET___HYD 24057	38.08 -0.28 0.00	34.19 -0.51 0.00	31.75 -0.63 0.00	29.51 -0.67 0.00	27.38 -0.60 0.00	26.69 -0.63 0.00	38.89 -0.46 0.00	39.12 -0.31 0.00	41.10 -0.57 0.00	41.57 -0.49 0.00	41.13 -0.09 0.00	43.26 0.04 0.00	43.44 0.23 0.00	47.99 -0.06 0.00	62.20 -0.02 0.00	71.76 -0.39 0.00	87.73 -0.20 0.00	52.39 -0.11 0.00	50.13 0.27 0.00	48.53 0.63 0.00	53.55 0.64 0.00	54.83 0.76 0.00	44.79 0.74 0.00	39.12 0.49 0.00
LOWER___HUDSON 24059	381.95 1.29 -342.31	35.85 1.16 0.00	33.59 1.21 0.00	31.42 1.25 0.00	29.09 1.12 0.00	28.34 1.02 0.00	40.59 1.24 0.00	40.35 0.92 0.00	42.67 1.00 0.00	43.05 0.99 0.00	42.07 0.85 0.00	43.83 0.61 0.00	43.62 0.41 0.00	48.76 0.71 0.00	63.43 1.21 0.00	73.68 1.54 0.00	89.89 1.98 0.02	61.08 1.23 -7.35	50.78 0.90 -0.02	48.71 0.80 0.00	53.93 1.01 0.00	55.17 1.10 0.00	44.90 0.85 0.00	39.43 0.79 0.00
LOWVILLE_115KV_TB2 356335	39.72 1.37 0.00	35.87 1.17 0.00	33.42 1.04 0.00	31.14 0.96 0.00	28.87 0.89 0.00	28.18 0.86 0.00	40.67 1.32 0.00	40.59 1.17 0.00	42.64 0.97 0.00	42.96 0.89 -0.01	42.31 1.09 0.00	44.64 1.42 0.00	44.75 1.54 0.00	49.57 1.53 0.00	63.63 1.41 0.00	73.24 1.10 0.00	89.38 1.42 -0.03	53.52 1.03 0.00	51.12 1.26 0.00	49.64 1.74 0.00	54.96 2.05 0.00	56.24 2.17 0.00	45.67 1.62 0.00	39.88 1.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	244.31 1.98 -203.98	36.46 1.76 0.00	34.09 1.71 0.00	31.89 1.71 0.00	29.53 1.55 0.00	28.81 1.49 0.00	41.32 1.97 0.00	41.01 1.58 0.00	43.28 1.61 0.00	43.67 1.61 0.00	42.58 1.36 0.00	44.43 1.21 0.00	44.32 1.10 0.00	49.70 1.65 0.00	64.82 2.61 0.00	75.32 3.17 0.00	91.51 3.60 0.02	54.56 2.07 0.00	51.61 1.75 0.00	49.52 1.62 0.00	54.81 1.90 0.00	56.09 2.02 0.00	45.59 1.54 0.00	40.04 1.41 0.00

LUTHERNY_35_KV_BK2 355980	244.31 1.98 -203.98	36.44 1.74 0.00	34.09 1.71 0.00	31.87 1.70 0.00	29.51 1.54 0.00	28.83 1.50 0.00	41.34 1.99 0.00	41.04 1.61 0.00	43.31 1.64 0.00	43.74 1.69 0.00	42.58 1.36 0.00	44.43 1.21 0.00	44.33 1.11 0.00	49.78 1.73 0.00	64.92 2.71 0.00	75.36 3.21 0.00	91.62 3.71 0.02	54.55 2.05 0.00	51.62 1.76 0.00	49.55 1.65 0.00	54.83 1.91 0.00	56.09 2.02 0.00	45.64 1.59 0.00	40.05 1.42 0.00
LWR___OSWEGATCHIE_HYD 23850	38.97 0.62 0.00	35.14 0.45 0.00	32.71 0.33 0.00	30.45 0.27 0.00	28.23 0.25 0.00	27.54 0.22 0.00	39.85 0.50 0.00	39.86 0.43 0.00	41.87 0.20 0.00	42.21 0.13 -0.01	41.59 0.37 0.00	43.72 0.51 0.00	43.94 0.73 0.00	48.57 0.52 0.00	62.56 0.35 0.00	72.10 -0.04 0.00	88.03 0.06 -0.03	52.66 0.16 0.00	50.39 0.53 0.00	48.93 1.03 0.00	54.08 1.17 0.00	55.35 1.28 0.00	45.09 1.04 0.00	39.37 0.74 0.00
LYONS_FALL_HYD 23570	39.53 1.18 0.00	35.72 1.02 0.00	33.31 0.92 0.00	31.04 0.86 0.00	28.77 0.79 0.00	28.10 0.78 0.00	40.50 1.15 0.00	40.48 1.05 0.00	42.62 0.95 0.00	42.94 0.87 0.00	42.21 0.99 0.00	44.48 1.26 0.00	44.57 1.35 0.00	49.43 1.38 0.00	63.55 1.34 0.00	73.31 1.16 0.00	89.37 1.41 -0.02	53.51 1.01 0.00	51.05 1.19 0.00	49.37 1.47 0.00	54.64 1.72 0.00	55.87 1.80 0.00	45.38 1.33 0.00	39.67 1.03 0.00
MADISON___COUNTY_LFGE 323628	39.54 1.19 0.00	35.79 1.09 0.00	33.37 0.99 0.00	31.13 0.95 0.00	28.85 0.87 0.00	28.19 0.87 0.00	40.52 1.17 0.00	40.57 1.14 0.00	42.81 1.14 0.00	43.12 1.05 0.00	42.33 1.11 0.00	44.58 1.36 0.00	44.60 1.38 0.00	49.54 1.49 0.00	63.66 1.45 0.00	73.72 1.58 0.00	89.70 1.76 0.00	53.67 1.17 0.00	51.21 1.35 0.00	49.18 1.28 0.00	54.46 1.55 0.00	55.68 1.61 0.00	45.21 1.15 0.00	39.56 0.92 0.00
MALONE___115KV_TB1 356076	39.01 0.65 0.00	35.09 0.40 0.00	32.57 0.18 0.00	30.29 0.11 0.00	28.11 0.13 0.00	27.58 0.26 0.00	39.99 0.65 0.00	40.33 0.90 0.00	42.55 0.88 0.00	42.95 0.89 0.00	41.94 0.72 0.00	43.93 0.71 0.00	44.02 0.80 0.00	48.87 0.82 0.00	63.38 1.17 0.00	73.49 1.35 0.00	89.73 1.79 0.00	53.44 0.94 0.00	51.18 1.32 0.00	49.37 1.47 0.00	54.43 1.51 0.00	55.65 1.58 0.00	45.35 1.30 0.00	39.65 1.01 0.00
MAPLEWOD_115KV_TB3 80458	27.99 0.62 10.98	35.31 0.61 0.00	33.12 0.73 0.00	30.93 0.75 0.00	28.63 0.66 0.00	27.92 0.60 0.00	40.01 0.65 0.00	40.00 0.57 0.00	42.22 0.55 0.00	42.48 0.42 0.00	41.55 0.33 0.00	43.47 0.25 0.00	43.50 0.28 0.00	48.54 0.50 0.00	63.19 0.98 0.00	73.42 1.28 0.00	89.34 1.43 0.02	53.33 0.83 0.00	50.44 0.58 0.00	48.44 0.53 0.00	53.55 0.64 0.00	54.72 0.65 0.00	44.51 0.46 0.00	39.01 0.37 0.00
MAPLE_RIDGE_WT_1 323574	38.35 0.00 0.00	34.66 -0.03 0.00	32.32 -0.06 0.00	30.12 -0.06 0.00	27.92 -0.06 0.00	27.29 -0.03 0.00	39.35 0.00 0.00	39.46 0.03 0.00	41.69 0.02 0.00	42.10 0.04 0.00	41.26 0.04 0.00	43.25 0.03 0.00	43.26 0.04 0.00	48.06 0.01 0.00	62.28 0.06 0.00	72.19 0.05 0.00	88.05 0.12 0.00	52.58 0.08 0.00	49.96 0.10 0.00	48.03 0.12 0.00	53.03 0.12 0.00	54.18 0.11 0.00	44.14 0.09 0.00	38.71 0.07 0.00
MAPLE_RIDGE_WT_2 323611	38.35 0.00 0.00	34.66 -0.03 0.00	32.32 -0.06 0.00	30.12 -0.06 0.00	27.92 -0.06 0.00	27.29 -0.03 0.00	39.35 0.00 0.00	39.46 0.03 0.00	41.69 0.02 0.00	42.10 0.04 0.00	41.26 0.04 0.00	43.25 0.03 0.00	43.26 0.04 0.00	48.06 0.01 0.00	62.28 0.06 0.00	72.19 0.05 0.00	88.05 0.12 0.00	52.58 0.08 0.00	49.96 0.10 0.00	48.03 0.12 0.00	53.03 0.12 0.00	54.18 0.11 0.00	44.14 0.09 0.00	38.71 0.07 0.00
MARBLE_RIVER_WT_PWR 323696	38.74 0.39 0.00	34.87 0.18 0.00	32.39 0.00 0.00	30.13 -0.05 0.00	27.96 -0.02 0.00	27.42 0.10 0.00	39.72 0.37 0.00	40.01 0.58 0.00	42.25 0.58 0.00	42.78 0.71 0.00	41.86 0.64 0.00	43.89 0.67 0.00	43.90 0.68 0.00	48.79 0.74 0.00	63.28 1.06 0.00	73.38 1.23 0.00	89.66 1.73 0.00	53.47 0.97 0.00	51.01 1.15 0.00	49.14 1.24 0.00	54.13 1.21 0.00	55.27 1.20 0.00	45.08 1.03 0.00	39.46 0.83 0.00
MARSHVLE_115KV_TB1 80742	120.90 2.28 -80.27	36.64 1.94 0.00	33.96 1.58 0.00	31.69 1.52 0.00	29.44 1.47 0.00	28.77 1.45 0.00	41.48 2.14 0.00	41.60 2.18 0.00	43.82 2.15 0.00	44.08 2.02 0.01	42.78 1.56 0.00	44.85 1.63 0.00	45.13 1.92 0.00	50.39 2.34 0.00	65.89 3.67 0.00	75.93 3.79 0.00	92.49 4.58 0.03	55.63 3.13 0.00	52.87 3.01 0.00	50.74 2.84 0.00	56.34 3.42 0.00	57.50 3.43 0.00	46.80 2.75 0.00	40.97 2.34 0.00
MARSH_HILL_WT_PWR 323713	40.58 0.57 -1.66	35.52 0.82 0.00	32.97 0.58 0.00	30.81 0.63 0.00	28.55 0.57 0.00	27.97 0.65 0.00	40.12 0.77 0.00	40.05 0.62 0.00	42.43 0.77 0.00	42.56 0.51 0.01	41.96 0.74 0.00	43.79 0.57 0.00	43.64 0.43 0.00	48.31 0.27 0.00	61.95 -0.27 0.00	71.93 -0.21 0.00	87.30 -0.60 0.03	55.82 -0.69 -4.02	49.72 -0.14 -0.01	47.92 0.02 0.00	52.75 -0.17 0.00	54.00 -0.08 0.00	43.90 -0.15 0.00	38.64 0.01 0.00
MCINTYRE_115KV_TB2 80467	39.47 1.12 0.00	35.42 0.72 0.00	32.88 0.50 0.00	30.53 0.35 0.00	28.34 0.37 0.00	27.80 0.48 0.00	40.54 1.19 0.00	40.68 1.25 0.00	42.64 0.97 0.00	42.93 0.87 0.00	41.88 0.66 0.00	43.90 0.69 0.00	44.28 1.07 0.00	48.79 0.75 0.00	63.32 1.10 0.00	72.81 0.67 0.00	89.09 1.16 0.00	53.26 0.76 0.00	51.07 1.21 0.00	49.81 1.91 0.00	54.98 2.07 0.00	56.27 2.21 0.00	45.83 1.78 0.00	39.99 1.35 0.00
MECO_____69_KV_BK1 80468	127.12 2.64 -86.13	36.98 2.28 0.00	34.37 1.99 0.00	32.07 1.90 0.00	29.77 1.79 0.00	29.08 1.76 0.00	41.90 2.55 0.00	41.88 2.45 0.00	43.85 2.19 0.00	44.35 2.30 0.01	42.65 1.43 0.00	44.51 1.29 0.00	44.63 1.42 0.00	50.34 2.29 0.00	66.73 4.51 0.00	76.88 4.74 0.00	93.33 5.41 0.02	56.05 3.55 0.00	53.14 3.28 0.00	50.83 2.93 0.00	56.63 3.72 0.00	57.85 3.79 0.00	47.04 2.99 0.00	41.12 2.49 0.00
MENANDS___115KV_TB5 355628	23.23 0.29 15.41	35.04 0.34 0.00	32.89 0.51 0.00	30.71 0.54 0.00	28.45 0.47 0.00	27.72 0.40 0.00	39.70 0.34 0.00	39.71 0.28 0.00	41.90 0.24 0.00	42.17 0.11 0.00	41.25 0.03 0.00	43.18 -0.04 0.00	43.22 0.01 0.00	48.22 0.17 0.00	62.70 0.48 0.00	72.80 0.65 0.00	88.68 0.76 0.02	49.94 0.46 3.01	50.07 0.22 0.01	48.07 0.17 0.00	53.15 0.24 0.00	54.31 0.24 0.00	44.18 0.13 0.00	38.73 0.09 0.00
MG INDUSTRY___DRP 24185	33.14 0.35 5.56	35.12 0.42 0.00	32.98 0.60 0.00	30.81 0.63 0.00	28.54 0.56 0.00	27.82 0.50 0.00	39.87 0.52 0.00	39.85 0.42 0.00	42.02 0.35 0.00	42.19 0.13 0.00	41.16 -0.06 0.00	43.05 -0.17 0.00	43.08 -0.14 0.00	48.01 -0.04 0.00	62.54 0.33 0.00	72.81 0.67 0.00	88.74 0.82 0.02	53.02 0.52 0.00	50.17 0.31 0.00	48.20 0.30 0.00	53.31 0.40 0.00	54.48 0.41 0.00	44.35 0.30 0.00	38.91 0.27 0.00

MID___OSWEGATCHIE_HYD 23849	38.97 0.62 0.00	35.14 0.45 0.00	32.71 0.33 0.00	30.45 0.27 0.00	28.23 0.25 0.00	27.54 0.22 0.00	39.85 0.50 0.00	39.86 0.43 0.00	41.87 0.20 0.00	42.21 0.13 -0.01	41.59 0.37 0.00	43.72 0.51 0.00	43.94 0.73 0.00	48.57 0.52 0.00	62.56 0.35 0.00	72.10 -0.04 0.00	88.03 0.06 -0.03	52.66 0.16 0.00	50.39 0.53 0.00	48.93 1.03 0.00	54.08 1.17 0.00	55.35 1.28 0.00	45.09 1.04 0.00	39.37 0.74 0.00
MID___RAQUETTE_HYD 23851	38.08 -0.28 0.00	34.19 -0.50 0.00	31.75 -0.63 0.00	29.51 -0.67 0.00	27.38 -0.60 0.00	26.69 -0.63 0.00	38.89 -0.46 0.00	39.12 -0.31 0.00	41.10 -0.57 0.00	41.57 -0.49 0.00	41.13 -0.09 0.00	43.26 0.04 0.00	43.44 0.23 0.00	47.99 -0.06 0.00	62.20 -0.02 0.00	71.75 -0.39 0.00	87.73 -0.20 0.00	52.39 -0.11 0.00	50.13 0.27 0.00	48.54 0.63 0.00	53.55 0.64 0.00	54.83 0.76 0.00	44.79 0.74 0.00	39.12 0.49 0.00
MILLIKEN___1 23584	40.87 0.72 -1.80	35.46 0.76 0.00	33.01 0.63 0.00	30.81 0.63 0.00	28.61 0.64 0.00	27.93 0.61 0.00	40.09 0.75 0.00	40.09 0.67 0.00	42.33 0.66 0.00	42.64 0.58 0.01	41.90 0.67 0.00	44.06 0.84 0.00	44.01 0.79 0.00	48.72 0.67 0.00	62.65 0.43 0.00	72.56 0.41 0.00	88.45 0.54 0.02	57.05 0.48 -4.06	50.48 0.61 -0.01	48.50 0.60 0.00	53.60 0.69 0.00	54.80 0.74 0.00	44.57 0.52 0.00	39.05 0.42 0.00
MILLIKEN___2 23585	40.87 0.72 -1.80	35.46 0.76 0.00	33.01 0.63 0.00	30.81 0.63 0.00	28.61 0.64 0.00	27.93 0.61 0.00	40.09 0.75 0.00	40.09 0.67 0.00	42.33 0.66 0.00	42.64 0.58 0.01	41.90 0.67 0.00	44.06 0.84 0.00	44.01 0.79 0.00	48.72 0.67 0.00	62.65 0.43 0.00	72.56 0.41 0.00	88.45 0.54 0.02	57.05 0.48 -4.06	50.48 0.61 -0.01	48.50 0.60 0.00	53.60 0.69 0.00	54.80 0.74 0.00	44.57 0.52 0.00	39.05 0.42 0.00
MILLIKEN___DIESEL 23629	40.87 0.72 -1.80	35.46 0.76 0.00	33.01 0.63 0.00	30.81 0.63 0.00	28.61 0.64 0.00	27.93 0.61 0.00	40.09 0.75 0.00	40.09 0.67 0.00	42.33 0.66 0.00	42.64 0.58 0.01	41.90 0.67 0.00	44.06 0.84 0.00	44.01 0.79 0.00	48.72 0.67 0.00	62.65 0.43 0.00	72.56 0.41 0.00	88.45 0.54 0.02	57.05 0.48 -4.06	50.48 0.61 -0.01	48.50 0.60 0.00	53.60 0.69 0.00	54.80 0.74 0.00	44.57 0.52 0.00	39.05 0.42 0.00
MILLSEAT___LFGE 323607	38.67 0.32 0.00	35.15 0.45 0.00	32.50 0.12 0.00	30.29 0.11 0.00	28.14 0.16 0.00	27.47 0.15 0.00	39.31 -0.04 0.00	39.01 -0.42 0.00	41.57 -0.10 0.00	41.84 -0.22 0.00	41.26 0.04 0.00	43.19 -0.03 0.00	42.79 -0.43 0.00	47.12 -0.93 0.00	60.27 -1.95 0.00	70.58 -1.56 0.00	85.67 -2.27 0.00	50.95 -1.55 0.00	48.43 -1.44 0.00	46.82 -1.07 0.00	51.26 -1.65 0.00	52.57 -1.50 0.00	42.71 -1.34 0.00	37.79 -0.84 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.25 1.72 -7.17	36.44 1.74 0.00	34.10 1.72 0.00	31.82 1.64 0.00	29.41 1.43 0.00	28.63 1.31 0.00	41.17 1.83 0.00	41.33 1.91 0.00	43.70 2.03 0.00	44.00 1.94 0.01	43.06 1.84 0.00	45.11 1.89 0.00	45.22 2.01 0.00	50.54 2.50 0.00	65.87 3.66 0.00	76.25 4.11 0.00	93.03 5.12 0.02	198.00 2.77 -142.73	52.55 2.34 -0.34	49.96 2.06 0.00	55.41 2.50 0.00	56.63 2.56 0.00	45.98 1.92 0.00	40.25 1.62 0.00
MILLWOOD_13_KV_LOAD 356217	47.32 1.79 -7.17	36.51 1.81 0.00	34.15 1.77 0.00	31.87 1.69 0.00	29.46 1.48 0.00	28.68 1.36 0.00	41.25 1.89 0.00	41.40 1.97 0.00	43.78 2.11 0.00	44.08 2.02 0.01	43.14 1.92 0.00	45.21 1.99 0.00	45.32 2.10 0.00	50.66 2.61 0.00	66.02 3.81 0.00	76.42 4.28 0.00	93.28 5.37 0.02	198.15 2.92 -142.73	52.68 2.48 -0.34	50.08 2.18 0.00	55.55 2.64 0.00	56.76 2.69 0.00	46.07 2.02 0.00	40.33 1.70 0.00
MODEL_CITY_ENERGY 24167	37.61 -0.74 0.00	34.25 -0.45 0.00	31.66 -0.72 0.00	29.50 -0.68 0.00	27.41 -0.57 0.00	26.72 -0.60 0.00	38.13 -1.22 0.00	37.57 -1.86 0.00	40.02 -1.65 0.00	40.24 -1.82 0.00	39.75 -1.47 0.00	41.71 -1.51 0.00	41.46 -1.76 0.00	45.56 -2.49 0.00	58.15 -4.06 0.00	67.97 -4.18 0.00	82.49 -5.45 0.00	48.97 -3.53 0.00	46.58 -3.28 0.00	45.05 -2.85 0.00	49.23 -3.69 0.00	50.51 -3.56 0.00	41.17 -2.88 0.00	36.57 -2.07 0.00
MODERN_LFGE___ 323580	37.61 -0.74 0.00	34.25 -0.45 0.00	31.66 -0.72 0.00	29.50 -0.68 0.00	27.41 -0.57 0.00	26.72 -0.60 0.00	38.13 -1.22 0.00	37.57 -1.86 0.00	40.02 -1.65 0.00	40.24 -1.82 0.00	39.75 -1.47 0.00	41.71 -1.51 0.00	41.46 -1.76 0.00	45.56 -2.49 0.00	58.15 -4.06 0.00	67.97 -4.18 0.00	82.49 -5.45 0.00	48.97 -3.53 0.00	46.58 -3.28 0.00	45.05 -2.85 0.00	49.23 -3.69 0.00	50.51 -3.56 0.00	41.17 -2.88 0.00	36.57 -2.07 0.00
MOHAWK_PAPER___DRP 24187	27.99 0.62 10.98	35.31 0.61 0.00	33.12 0.73 0.00	30.93 0.75 0.00	28.63 0.66 0.00	27.92 0.60 0.00	40.01 0.65 0.00	40.00 0.57 0.00	42.22 0.55 0.00	42.48 0.42 0.00	41.55 0.33 0.00	43.47 0.25 0.00	43.50 0.28 0.00	48.54 0.50 0.00	63.19 0.98 0.00	73.42 1.28 0.00	89.34 1.43 0.02	53.33 0.83 0.00	50.44 0.58 0.00	48.44 0.53 0.00	53.55 0.64 0.00	54.72 0.65 0.00	44.51 0.46 0.00	39.01 0.37 0.00
MOHICAN___35_KV_115KV_LD 80490	236.90 2.62 -195.94	37.04 2.34 0.00	34.56 2.18 0.00	32.38 2.20 0.00	29.97 2.00 0.00	29.32 2.00 0.00	42.02 2.67 0.00	41.41 1.98 0.00	43.51 1.85 0.00	43.92 1.86 0.00	42.70 1.48 0.00	44.57 1.36 0.00	44.43 1.22 0.00	50.08 2.03 0.00	65.36 3.14 0.00	76.06 3.91 0.00	92.12 4.21 0.02	54.91 2.41 0.00	51.92 2.06 0.00	49.77 1.86 0.00	55.11 2.20 0.00	56.46 2.38 0.00	45.77 1.72 0.00	40.33 1.69 0.00
MONGAUP___HYD 23641	46.66 1.74 -6.57	36.32 1.63 0.00	33.95 1.57 0.00	31.64 1.47 0.00	29.25 1.27 0.00	28.52 1.20 0.00	41.24 1.89 0.00	41.26 1.83 0.00	43.39 1.72 0.00	43.61 1.55 0.01	42.59 1.37 0.00	44.15 0.93 0.00	44.13 0.92 0.00	48.65 0.60 0.00	63.60 1.38 0.00	74.40 2.25 0.00	91.18 3.27 0.03	176.80 1.59 -122.71	51.48 1.33 -0.29	49.12 1.22 0.00	54.57 1.65 0.00	55.79 1.72 0.00	45.93 1.87 0.00	40.21 1.58 0.00
MONTAUK___DIESEL 23721	52.63 1.90 -12.38	40.42 1.72 -4.01	37.65 1.62 -3.64	32.64 2.23 -0.24	30.17 2.51 0.31	27.94 2.45 1.83	44.34 2.98 -2.01	45.65 3.70 -2.52	48.92 4.59 -2.66	51.61 4.53 -5.02	47.44 4.16 -2.06	47.93 3.97 -0.73	48.00 3.21 -1.57	52.28 2.70 -1.54	67.80 3.27 -2.32	76.62 4.21 -0.27	92.94 4.93 -0.08	215.69 1.95 -161.24	70.73 2.50 -18.36	54.79 2.59 -4.30	61.23 3.37 -4.95	61.09 3.46 -3.56	46.27 2.83 0.61	42.41 1.83 -1.94
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.30 0.94 0.00	35.81 1.11 0.00	33.16 0.78 0.00	30.98 0.80 0.00	28.75 0.78 0.00	28.17 0.85 0.00	40.39 1.03 0.00	40.32 0.90 0.00	42.77 1.10 0.00	42.94 0.88 0.00	42.47 1.25 0.00	44.54 1.32 0.00	44.29 1.08 0.00	49.13 1.09 0.00	62.68 0.47 0.00	72.91 0.77 0.00	88.36 0.44 0.02	55.55 -0.24 -3.29	49.81 -0.06 -0.01	47.91 0.01 0.00	52.53 -0.38 0.00	53.86 -0.21 0.00	43.72 -0.33 0.00	38.53 -0.10 0.00

MORRIS_RIDGE___SOLAR 323848	39.98 0.04 -1.59	35.04 0.34 0.00	32.52 0.14 0.00	30.34 0.17 0.00	28.15 0.17 0.00	27.56 0.24 0.00	39.44 0.09 0.00	39.28 -0.15 0.00	41.65 -0.02 0.00	41.80 -0.25 0.01	41.20 -0.02 0.00	42.99 -0.23 0.00	42.89 -0.32 0.00	47.47 -0.58 0.00	60.83 -1.38 0.00	70.61 -1.53 0.00	85.74 -2.17 0.03	54.72 -1.66 -3.89	48.71 -1.16 -0.01	46.99 -0.91 0.00	51.72 -1.19 0.00	52.98 -1.09 0.00	43.11 -0.95 0.00	37.99 -0.64 0.00
MORTIMER_115KV_TB3 55949	38.18 -0.17 0.00	34.69 -0.01 0.00	32.18 -0.21 0.00	29.98 -0.19 0.00	27.85 -0.12 0.00	27.18 -0.14 0.00	38.91 -0.44 0.00	38.76 -0.67 0.00	41.20 -0.46 0.00	41.50 -0.57 -0.01	40.87 -0.35 0.00	42.86 -0.36 0.00	42.62 -0.60 0.00	47.07 -0.97 0.00	60.42 -1.79 0.00	70.57 -1.57 0.00	85.97 -1.99 -0.02	51.17 -1.32 0.00	48.63 -1.23 0.00	46.88 -1.02 0.00	51.50 -1.42 0.00	52.70 -1.37 0.00	42.79 -1.26 0.00	37.75 -0.88 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.47 1.91 -7.21	36.63 1.94 0.00	34.26 1.88 0.00	31.96 1.78 0.00	29.55 1.58 0.00	28.76 1.44 0.00	41.39 2.04 0.00	41.59 2.17 0.00	43.99 2.33 0.00	44.31 2.25 0.01	43.38 2.16 0.00	45.45 2.23 0.00	45.55 2.34 0.00	50.88 2.83 0.00	66.36 4.14 0.00	76.77 4.62 0.00	93.65 5.74 0.02	199.40 3.05 -143.85	52.79 2.59 -0.34	50.16 2.26 0.00	55.70 2.79 0.00	56.93 2.86 0.00	46.26 2.21 0.00	40.49 1.86 0.00
MUNSVILLE_WIND_PWR 323609	45.44 2.94 -4.15	37.53 2.84 0.00	34.82 2.44 0.00	32.49 2.32 0.00	30.23 2.25 0.00	29.66 2.35 0.00	42.79 3.43 0.00	42.83 3.40 0.00	44.96 3.29 0.00	45.33 3.29 0.02	44.48 3.26 0.00	46.72 3.50 0.00	46.98 3.77 0.00	52.02 3.98 0.00	66.62 4.40 0.00	77.35 5.21 0.00	94.71 6.84 0.07	62.90 4.06 -6.34	54.15 4.28 -0.02	52.00 4.10 0.00	57.38 4.47 0.00	58.63 4.56 0.00	47.48 3.43 0.00	41.41 2.77 0.00
N SALMON___HYD 24042	39.00 0.65 0.00	35.09 0.40 0.00	32.57 0.19 0.00	30.29 0.11 0.00	28.11 0.13 0.00	27.58 0.26 0.00	39.99 0.64 0.00	40.33 0.90 0.00	42.55 0.88 0.00	42.95 0.88 0.00	41.94 0.72 0.00	43.93 0.71 0.00	44.02 0.80 0.00	48.87 0.82 0.00	63.38 1.17 0.00	73.49 1.35 0.00	89.73 1.79 0.00	53.44 0.94 0.00	51.18 1.32 0.00	49.38 1.47 0.00	54.43 1.52 0.00	55.65 1.58 0.00	45.35 1.30 0.00	39.65 1.01 0.00
N.AKRON__115KV_KNAPP 355671	38.59 0.24 0.00	35.08 0.39 0.00	32.46 0.07 0.00	30.24 0.06 0.00	28.09 0.11 0.00	27.42 0.10 0.00	39.23 -0.12 0.00	38.89 -0.54 0.00	41.44 -0.23 0.00	41.66 -0.40 0.00	41.11 -0.11 0.00	43.07 -0.15 0.00	42.71 -0.51 0.00	47.00 -1.05 0.00	60.13 -2.08 0.00	70.37 -1.77 0.00	85.42 -2.52 0.00	50.79 -1.71 0.00	48.27 -1.59 0.00	46.67 -1.23 0.00	51.09 -1.82 0.00	52.41 -1.66 0.00	42.59 -1.46 0.00	37.69 -0.94 0.00
N.E._GEN_SANDY PD 24062	195.55 1.92 -155.27	65.93 1.81 -29.43	58.54 1.81 -24.34	53.59 1.78 -21.63	56.94 1.60 -27.36	47.19 1.43 -18.44	61.37 1.88 -20.13	94.01 1.49 -53.09	70.72 1.76 -27.30	49.22 1.78 -5.37	43.21 1.64 -0.35	42.80 1.36 1.78	44.28 1.06 0.00	49.47 1.43 0.00	64.36 2.14 0.00	74.60 2.46 0.00	91.38 3.47 0.02	162.56 2.19 -107.87	72.98 1.70 -21.42	61.45 1.49 -12.06	65.01 1.87 -10.22	63.89 1.98 -7.83	47.54 1.58 -1.90	40.06 1.43 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.03 1.66 -7.02	36.39 1.69 0.00	34.06 1.68 0.00	31.81 1.64 0.00	29.38 1.41 0.00	28.60 1.28 0.00	41.11 1.77 0.00	41.27 1.84 0.00	43.63 1.97 0.00	43.93 1.87 0.01	43.01 1.79 0.00	45.12 1.91 0.00	45.29 2.07 0.00	50.68 2.63 0.00	66.05 3.83 0.00	76.41 4.26 0.00	93.20 5.29 0.02	192.63 2.86 -137.28	52.60 2.41 -0.33	50.01 2.11 0.00	55.47 2.56 0.00	56.69 2.61 0.00	45.97 1.91 0.00	40.23 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	47.45 1.89 -7.21	36.73 2.04 0.00	34.34 1.96 0.00	32.02 1.84 0.00	29.61 1.64 0.00	28.81 1.49 0.00	41.38 2.03 0.00	41.67 2.24 0.00	44.10 2.43 0.00	44.34 2.28 0.01	43.49 2.27 0.00	45.58 2.37 0.00	45.68 2.46 0.00	50.99 2.94 0.00	66.58 4.37 0.00	76.95 4.81 0.00	93.81 5.90 0.02	199.50 3.16 -143.84	52.94 2.73 -0.34	50.31 2.41 0.00	55.97 3.05 0.00	57.18 3.11 0.00	46.41 2.36 0.00	40.62 1.99 0.00
N.TROY___115KV_TB1 355778	381.95 1.29 -342.31	35.86 1.16 0.00	33.59 1.21 0.00	31.42 1.24 0.00	29.09 1.12 0.00	28.34 1.02 0.00	40.59 1.24 0.00	40.35 0.92 0.00	42.67 1.00 0.00	43.05 0.99 0.00	42.08 0.86 0.00	43.83 0.61 0.00	43.62 0.41 0.00	48.76 0.71 0.00	63.42 1.21 0.00	73.69 1.55 0.00	89.89 1.98 0.02	61.09 1.23 -7.35	50.78 0.90 -0.02	48.71 0.80 0.00	53.93 1.01 0.00	55.17 1.10 0.00	44.90 0.85 0.00	39.43 0.79 0.00
NARROWS_GT1_1 24228	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT1_2 24229	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT1_3 24230	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT1_4 24231	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT1_5 24232	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88

NARROWS_GT1_6 24233	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT1_7 24234	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT1_8 24235	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT2_1 24236	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT2_2 24237	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT2_3 24238	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT2_4 24239	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT2_5 24240	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT2_6 24241	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT2_7 24242	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NARROWS_GT2_8 24243	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.60 3.27 -143.84	52.97 2.77 -0.34	50.36 2.46 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.52 2.45 -0.02	47.58 2.06 -6.88
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.76 1.29 5.88	35.91 1.21 0.00	33.69 1.31 0.00	31.44 1.27 0.00	29.13 1.15 0.00	28.41 1.09 0.00	40.72 1.37 0.00	40.74 1.31 0.00	42.96 1.29 0.00	43.10 1.04 0.01	41.89 0.67 0.00	43.68 0.46 0.00	43.71 0.50 0.00	48.90 0.85 0.00	63.86 1.65 0.00	74.90 2.76 0.00	91.56 3.65 0.02	80.12 2.26 -25.36	51.50 1.58 -0.06	49.41 1.51 0.00	54.63 1.72 0.00	55.82 1.75 0.00	45.35 1.30 0.00	39.69 1.05 0.00
NCHELSEA_115KV_TR2 355582	48.16 2.25 -7.56	36.86 2.16 0.00	34.45 2.07 0.00	32.12 1.95 0.00	29.69 1.72 0.00	28.90 1.58 0.00	41.58 2.24 0.00	41.73 2.31 0.00	44.13 2.47 0.00	44.43 2.38 0.01	43.50 2.28 0.00	45.59 2.37 0.00	45.70 2.49 0.00	51.15 3.11 0.00	66.68 4.46 0.00	77.32 5.18 0.00	94.18 6.27 0.02	195.70 3.48 -139.72	53.15 2.95 -0.33	50.53 2.63 0.00	56.00 3.08 0.00	57.18 3.11 0.00	46.39 2.34 0.00	40.58 1.95 0.00
NEG CAPITAL___MECHNVIL 23645	288.68 2.04 -248.29	36.51 1.81 0.00	34.14 1.75 0.00	31.93 1.75 0.00	29.57 1.60 0.00	28.84 1.51 0.00	41.37 2.02 0.00	41.07 1.64 0.00	43.38 1.72 0.00	43.78 1.72 0.00	42.72 1.50 0.00	44.57 1.35 0.00	44.43 1.22 0.00	49.83 1.78 0.00	64.98 2.77 0.00	75.50 3.36 0.00	91.74 3.82 0.02	59.16 2.26 -4.39	51.75 1.89 -0.01	49.65 1.75 0.00	54.94 2.03 0.00	56.20 2.13 0.00	45.69 1.64 0.00	40.09 1.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.52 -0.83 0.00	34.08 -0.62 0.00	31.64 -0.75 0.00	29.49 -0.69 0.00	27.39 -0.58 0.00	26.74 -0.58 0.00	38.33 -1.03 0.00	38.20 -1.23 0.00	40.60 -1.07 0.00	40.91 -1.17 -0.01	40.25 -0.97 0.00	42.21 -1.01 0.00	41.99 -1.23 0.00	46.42 -1.62 0.00	59.61 -2.61 0.00	69.52 -2.62 0.00	84.74 -3.23 -0.04	50.51 -1.99 0.00	48.00 -1.87 0.00	46.26 -1.64 0.00	50.83 -2.08 0.00	51.98 -2.09 0.00	42.20 -1.85 0.00	37.18 -1.46 0.00

NEG CENTRAL___DRP 24199	38.39 0.04 0.00	34.93 0.23 0.00	32.48 0.10 0.00	30.29 0.11 0.00	28.13 0.16 0.00	27.48 0.16 0.00	39.40 0.05 0.00	39.34 -0.08 0.00	41.63 -0.04 0.00	41.92 -0.17 -0.02	41.24 0.02 0.00	43.29 0.07 0.00	43.07 -0.14 0.00	47.68 -0.36 0.00	61.37 -0.85 0.00	71.20 -0.94 0.00	86.82 -1.20 -0.09	51.81 -0.69 0.00	49.37 -0.49 0.00	47.47 -0.43 0.00	52.36 -0.56 0.00	53.51 -0.56 0.00	43.51 -0.54 0.00	38.25 -0.38 0.00
NEG CENTRAL___INDECK 23768	39.55 1.20 0.00	35.96 1.27 0.00	33.34 0.95 0.00	31.09 0.91 0.00	28.86 0.88 0.00	28.25 0.93 0.00	40.55 1.20 0.00	40.46 1.03 0.00	43.00 1.34 0.00	43.20 1.14 0.00	42.39 1.17 0.00	44.24 1.02 0.00	43.90 0.68 0.00	48.43 0.39 0.00	62.10 -0.11 0.00	72.32 0.17 0.00	87.94 0.01 0.00	55.59 -0.17 -3.26	50.22 0.35 -0.01	48.59 0.69 0.00	53.55 0.64 0.00	54.89 0.82 0.00	44.51 0.45 0.00	39.16 0.52 0.00
NEG CENTRAL___SENECA 23627	38.56 0.20 0.00	35.15 0.46 0.00	32.67 0.29 0.00	30.47 0.29 0.00	28.28 0.31 0.00	27.66 0.34 0.00	39.65 0.30 0.00	39.60 0.17 0.00	41.89 0.22 0.00	42.08 0.00 -0.01	41.50 0.28 0.00	43.49 0.27 0.00	43.26 0.04 0.00	47.86 -0.19 0.00	61.52 -0.69 0.00	71.46 -0.68 0.00	87.05 -0.92 -0.04	51.89 -0.61 0.00	49.53 -0.33 0.00	47.65 -0.25 0.00	52.53 -0.38 0.00	53.68 -0.39 0.00	43.62 -0.43 0.00	38.36 -0.27 0.00
NEG CENTRAL___STATE_STREET 24147	38.54 0.18 0.00	34.92 0.23 0.00	32.48 0.10 0.00	30.31 0.13 0.00	28.24 0.26 0.00	27.48 0.16 0.00	39.48 0.13 0.00	39.45 0.02 0.00	41.72 0.05 0.00	42.11 0.02 -0.03	41.23 0.01 0.00	43.41 0.19 0.00	43.26 0.05 0.00	47.89 -0.16 0.00	61.70 -0.52 0.00	71.53 -0.61 0.00	87.23 -0.82 -0.11	52.18 -0.32 0.00	49.53 -0.33 0.00	47.62 -0.28 0.00	52.56 -0.36 0.00	53.73 -0.34 0.00	43.81 -0.23 0.00	38.48 -0.15 0.00
NEG MILLWOOD___DRP 24198	48.05 2.24 -7.45	36.86 2.17 0.00	34.46 2.07 0.00	32.12 1.95 0.00	29.70 1.72 0.00	28.91 1.59 0.00	41.62 2.27 0.00	41.79 2.36 0.00	44.21 2.54 0.00	44.52 2.47 0.01	43.60 2.38 0.00	45.70 2.48 0.00	45.82 2.61 0.00	51.26 3.21 0.00	66.84 4.63 0.00	77.46 5.32 0.00	94.43 6.52 0.02	199.75 3.65 -143.60	53.32 3.11 -0.34	50.66 2.76 0.00	56.12 3.20 0.00	57.31 3.24 0.00	46.50 2.45 0.00	40.66 2.02 0.00
NEG NORTH_FLCN_SEA 23793	39.13 0.78 0.00	35.23 0.54 0.00	32.71 0.33 0.00	30.42 0.25 0.00	28.21 0.24 0.00	27.72 0.40 0.00	40.12 0.77 0.00	40.42 0.99 0.00	42.67 1.01 0.00	43.22 1.16 0.00	42.29 1.07 0.00	44.33 1.11 0.00	44.32 1.10 0.00	49.34 1.29 0.00	64.06 1.84 0.00	74.23 2.09 0.00	90.73 2.79 0.00	54.03 1.53 0.00	51.67 1.81 0.00	49.81 1.91 0.00	54.79 1.87 0.00	55.92 1.85 0.00	45.62 1.57 0.00	39.92 1.28 0.00
NEG NORTH_KES_CHATEGAY 23792	38.74 0.39 0.00	34.86 0.16 0.00	32.38 0.00 0.00	30.11 -0.06 0.00	27.94 -0.04 0.00	27.41 0.08 0.00	39.71 0.36 0.00	39.98 0.55 0.00	42.18 0.51 0.00	42.68 0.62 0.00	41.81 0.59 0.00	43.85 0.63 0.00	43.86 0.65 0.00	48.70 0.65 0.00	63.18 0.97 0.00	73.31 1.17 0.00	89.56 1.63 0.00	53.42 0.92 0.00	50.95 1.09 0.00	49.14 1.24 0.00	54.20 1.29 0.00	55.37 1.30 0.00	45.15 1.10 0.00	39.51 0.88 0.00
NEG NORTH___ALICE_FALLS 23915	39.02 0.66 0.00	35.12 0.42 0.00	32.58 0.20 0.00	30.30 0.12 0.00	28.11 0.13 0.00	27.60 0.28 0.00	40.00 0.65 0.00	40.28 0.85 0.00	42.46 0.80 0.00	42.97 0.91 0.00	42.02 0.80 0.00	44.03 0.81 0.00	44.03 0.81 0.00	49.23 1.19 0.00	64.09 1.87 0.00	74.23 2.09 0.00	90.82 2.88 0.00	54.05 1.55 0.00	51.65 1.79 0.00	49.84 1.94 0.00	54.87 1.95 0.00	56.02 1.95 0.00	45.68 1.63 0.00	39.95 1.32 0.00
NEG NORTH___LWR_SARANAC 23913	39.02 0.66 0.00	35.12 0.42 0.00	32.58 0.20 0.00	30.30 0.12 0.00	28.11 0.13 0.00	27.60 0.28 0.00	40.00 0.65 0.00	40.28 0.85 0.00	42.46 0.80 0.00	42.97 0.91 0.00	42.02 0.80 0.00	44.03 0.81 0.00	44.03 0.81 0.00	49.23 1.19 0.00	64.09 1.87 0.00	74.23 2.09 0.00	90.82 2.88 0.00	54.05 1.55 0.00	51.65 1.79 0.00	49.84 1.94 0.00	54.87 1.95 0.00	56.02 1.95 0.00	45.68 1.63 0.00	39.95 1.32 0.00
NEG NORTH___PLATTSBURG 23628	39.01 0.66 0.00	35.12 0.42 0.00	32.58 0.20 0.00	30.30 0.12 0.00	28.11 0.13 0.00	27.60 0.28 0.00	40.00 0.65 0.00	40.28 0.85 0.00	42.46 0.80 0.00	42.97 0.91 0.00	42.02 0.80 0.00	44.03 0.81 0.00	44.03 0.81 0.00	49.23 1.19 0.00	64.09 1.87 0.00	74.23 2.09 0.00	90.81 2.88 0.00	54.05 1.55 0.00	51.65 1.79 0.00	49.84 1.94 0.00	54.87 1.95 0.00	56.01 1.94 0.00	45.68 1.63 0.00	39.95 1.32 0.00
NEG WEST_LEA_LOCKPORT 23791	37.85 -0.50 0.00	34.46 -0.23 0.00	31.87 -0.51 0.00	29.69 -0.48 0.00	27.58 -0.39 0.00	26.91 -0.41 0.00	38.41 -0.94 0.00	37.94 -1.49 0.00	40.41 -1.26 0.00	40.61 -1.45 0.00	40.12 -1.09 0.00	42.09 -1.13 0.00	41.83 -1.38 0.00	46.01 -2.03 0.00	58.73 -3.48 0.00	68.74 -3.40 0.00	83.45 -4.49 0.00	49.54 -2.96 0.00	47.11 -2.75 0.00	45.54 -2.36 0.00	49.81 -3.11 0.00	51.10 -2.98 0.00	41.62 -2.44 0.00	36.93 -1.71 0.00
NEG WEST___LANCASTR 23811	38.43 0.08 0.00	35.03 0.33 0.00	32.44 0.06 0.00	30.26 0.08 0.00	28.09 0.11 0.00	27.45 0.12 0.00	39.26 -0.09 0.00	39.05 -0.38 0.00	41.47 -0.20 0.00	41.67 -0.39 0.00	41.16 -0.06 0.00	43.13 -0.09 0.00	42.91 -0.30 0.00	47.47 -0.57 0.00	60.69 -1.53 0.00	70.87 -1.27 0.00	86.03 -1.89 0.02	54.24 -1.56 -3.31	48.60 -1.27 -0.01	46.82 -1.08 0.00	51.35 -1.57 0.00	52.60 -1.47 0.00	42.76 -1.30 0.00	37.80 -0.83 0.00
NEG_PENN_ALLEGHNY 23528	41.52 0.30 -2.87	35.18 0.48 0.00	32.80 0.41 0.00	30.63 0.45 0.00	28.38 0.40 0.00	27.76 0.44 0.00	39.78 0.43 0.00	39.83 0.40 0.00	42.08 0.41 0.00	42.32 0.28 0.03	41.66 0.44 0.00	43.68 0.46 0.00	43.68 0.46 0.00	48.58 0.53 0.00	62.50 0.28 0.00	72.49 0.34 0.00	88.09 0.26 0.10	59.07 -0.01 -6.58	50.09 0.21 -0.02	48.07 0.17 0.00	53.07 0.15 0.00	54.23 0.16 0.00	44.08 0.03 0.00	38.65 0.01 0.00
NEG___GEN_MONROE 24207	38.62 0.27 0.00	35.07 0.37 0.00	32.48 0.10 0.00	30.30 0.12 0.00	28.12 0.14 0.00	27.48 0.16 0.00	39.30 -0.05 0.00	39.13 -0.30 0.00	41.57 -0.10 0.00	41.86 -0.20 -0.01	41.23 0.01 0.00	43.21 -0.01 0.00	42.88 -0.33 0.00	47.32 -0.72 0.00	60.67 -1.54 0.00	70.98 -1.16 0.00	86.44 -1.51 -0.02	51.48 -1.02 0.00	48.92 -0.94 0.00	47.20 -0.70 0.00	51.83 -1.09 0.00	53.06 -1.01 0.00	43.08 -0.97 0.00	37.99 -0.64 0.00
NEPA___ENERGY 23901	38.38 0.03 0.00	35.07 0.37 0.00	32.54 0.16 0.00	30.41 0.23 0.00	28.18 0.20 0.00	27.63 0.31 0.00	39.54 0.19 0.00	39.46 0.03 0.00	41.74 0.07 0.00	41.82 -0.24 0.00	41.39 0.17 0.00	43.43 0.21 0.00	43.31 0.09 0.00	48.20 0.15 0.00	61.47 -0.74 0.00	71.41 -0.73 0.00	86.48 -1.43 0.02	54.35 -1.47 -3.32	48.85 -1.02 -0.01	46.91 -0.99 0.00	51.54 -1.38 0.00	52.80 -1.27 0.00	42.87 -1.18 0.00	37.76 -0.87 0.00

NEVERSINK___HYD 23608	47.35 1.54 -7.45	36.17 1.48 0.00	33.81 1.43 0.00	31.52 1.34 0.00	29.13 1.16 0.00	28.37 1.05 0.00	40.84 1.49 0.00	41.02 1.59 0.00	43.34 1.67 0.00	43.61 1.55 0.01	42.63 1.41 0.00	44.66 1.44 0.00	44.76 1.54 0.00	50.04 1.99 0.00	65.24 3.03 0.00	75.88 3.74 0.00	92.18 4.27 0.03	157.68 2.28 -102.90	52.07 1.96 -0.24	49.67 1.77 0.00	55.02 2.11 0.00	56.20 2.13 0.00	45.59 1.54 0.00	39.86 1.22 0.00
NEWKRMKL_115KV_TB1 55635	33.19 0.16 5.32	34.92 0.22 0.00	32.79 0.41 0.00	30.62 0.45 0.00	28.36 0.38 0.00	27.65 0.33 0.00	39.59 0.24 0.00	39.60 0.17 0.00	41.67 0.00 0.00	41.92 -0.14 0.00	40.99 -0.22 0.00	42.91 -0.31 0.00	42.96 -0.25 0.00	47.96 -0.08 0.00	62.35 0.14 0.00	72.49 0.34 0.00	88.53 0.61 0.02	48.95 0.34 3.88	49.96 0.11 0.01	47.98 0.08 0.00	53.04 0.13 0.00	54.18 0.10 0.00	44.07 0.01 0.00	38.62 -0.02 0.00
NEWTON___FALLS_HYD 23847	38.97 0.62 0.00	35.14 0.45 0.00	32.71 0.33 0.00	30.45 0.27 0.00	28.23 0.25 0.00	27.54 0.22 0.00	39.85 0.50 0.00	39.86 0.43 0.00	41.87 0.20 0.00	42.21 0.13 -0.01	41.59 0.37 0.00	43.72 0.51 0.00	43.94 0.73 0.00	48.57 0.52 0.00	62.56 0.35 0.00	72.10 -0.04 0.00	88.03 0.06 -0.03	52.66 0.16 0.00	50.39 0.53 0.00	48.93 1.03 0.00	54.08 1.17 0.00	55.35 1.28 0.00	45.09 1.04 0.00	39.37 0.74 0.00
NGRID_A1_DSASP 323792	36.89 -1.46 0.00	33.76 -0.94 0.00	31.22 -1.16 0.00	29.09 -1.08 0.00	27.02 -0.95 0.00	26.35 -0.97 0.00	37.56 -1.79 0.00	37.12 -2.30 0.00	39.57 -2.10 0.00	39.81 -2.26 0.00	39.33 -1.89 0.00	41.29 -1.93 0.00	41.07 -2.14 0.00	45.11 -2.93 0.00	57.61 -4.61 0.00	67.65 -4.49 0.00	82.15 -5.79 0.00	48.75 -3.74 0.00	46.35 -3.51 0.00	44.78 -3.12 0.00	48.94 -3.98 0.00	50.22 -3.85 0.00	40.88 -3.17 0.00	36.36 -2.28 0.00
NGRID_A2_DSASP 323793	36.89 -1.46 0.00	33.76 -0.94 0.00	31.22 -1.16 0.00	29.09 -1.08 0.00	27.02 -0.95 0.00	26.35 -0.97 0.00	37.56 -1.79 0.00	37.12 -2.30 0.00	39.57 -2.10 0.00	39.81 -2.26 0.00	39.33 -1.89 0.00	41.29 -1.93 0.00	41.07 -2.14 0.00	45.11 -2.93 0.00	57.61 -4.61 0.00	67.65 -4.49 0.00	82.15 -5.79 0.00	48.75 -3.74 0.00	46.35 -3.51 0.00	44.78 -3.12 0.00	48.94 -3.98 0.00	50.22 -3.85 0.00	40.88 -3.17 0.00	36.36 -2.28 0.00
NGRID_A4_DSASP 323807	36.89 -1.46 0.00	33.76 -0.94 0.00	31.22 -1.16 0.00	29.09 -1.08 0.00	27.02 -0.95 0.00	26.35 -0.97 0.00	37.56 -1.79 0.00	37.12 -2.30 0.00	39.57 -2.10 0.00	39.81 -2.26 0.00	39.33 -1.89 0.00	41.29 -1.93 0.00	41.07 -2.14 0.00	45.11 -2.93 0.00	57.61 -4.61 0.00	67.65 -4.49 0.00	82.15 -5.79 0.00	48.75 -3.74 0.00	46.35 -3.51 0.00	44.78 -3.12 0.00	48.94 -3.98 0.00	50.22 -3.85 0.00	40.88 -3.17 0.00	36.36 -2.28 0.00
NIAGARA_115E_LBMP 323715	37.47 -0.88 0.00	34.11 -0.58 0.00	31.54 -0.84 0.00	29.39 -0.78 0.00	27.30 -0.67 0.00	26.62 -0.70 0.00	37.96 -1.39 0.00	37.35 -2.08 0.00	39.78 -1.89 0.00	40.00 -2.05 0.00	39.53 -1.69 0.00	41.50 -1.72 0.00	41.25 -1.96 0.00	45.31 -2.74 0.00	57.80 -4.42 0.00	67.54 -4.60 0.00	81.96 -5.98 0.00	48.68 -3.82 0.00	46.28 -3.58 0.00	44.76 -3.14 0.00	48.89 -4.02 0.00	50.18 -3.89 0.00	40.95 -3.11 0.00	36.36 -2.27 0.00
NIAGARA_115W_LBMP 323714	36.80 -1.55 0.00	33.68 -1.01 0.00	31.16 -1.22 0.00	29.04 -1.14 0.00	26.97 -1.00 0.00	26.29 -1.03 0.00	37.48 -1.87 0.00	37.05 -2.38 0.00	39.49 -2.18 0.00	39.72 -2.35 0.00	39.25 -1.97 0.00	41.21 -2.01 0.00	40.98 -2.23 0.00	45.02 -3.03 0.00	57.48 -4.73 0.00	67.51 -4.64 0.00	81.97 -5.97 0.00	48.65 -3.85 0.00	46.25 -3.61 0.00	44.68 -3.22 0.00	48.83 -4.08 0.00	50.11 -3.96 0.00	40.79 -3.26 0.00	36.28 -2.36 0.00
NIAGARA_230_LBMP 323716	37.33 -1.03 0.00	34.01 -0.68 0.00	31.46 -0.92 0.00	29.32 -0.86 0.00	27.23 -0.74 0.00	26.55 -0.77 0.00	37.87 -1.48 0.00	37.46 -1.97 0.00	39.90 -1.77 0.00	40.13 -1.93 0.00	39.63 -1.59 0.00	41.58 -1.63 0.00	41.35 -1.87 0.00	45.50 -2.54 0.00	58.12 -4.09 0.00	68.10 -4.04 0.00	82.76 -5.18 0.00	49.10 -3.40 0.00	46.68 -3.18 0.00	45.07 -2.83 0.00	49.33 -3.59 0.00	50.59 -3.48 0.00	41.17 -2.88 0.00	36.59 -2.04 0.00
NIAGARA___115KV_198_GIBSON 55903	36.80 -1.55 0.00	33.68 -1.01 0.00	31.16 -1.22 0.00	29.04 -1.14 0.00	26.97 -1.00 0.00	26.29 -1.03 0.00	37.48 -1.87 0.00	37.04 -2.38 0.00	39.49 -2.18 0.00	39.70 -2.36 0.00	39.24 -1.98 0.00	41.20 -2.02 0.00	40.98 -2.24 0.00	45.02 -3.03 0.00	57.47 -4.74 0.00	67.51 -4.63 0.00	81.98 -5.95 0.00	48.67 -3.83 0.00	46.25 -3.61 0.00	44.68 -3.22 0.00	48.83 -4.08 0.00	50.10 -3.97 0.00	40.80 -3.26 0.00	36.27 -2.36 0.00
NIAGARA____ 23760	37.33 -1.03 0.00	34.01 -0.68 0.00	31.46 -0.92 0.00	29.32 -0.86 0.00	27.23 -0.74 0.00	26.55 -0.77 0.00	37.87 -1.48 0.00	37.46 -1.97 0.00	39.90 -1.77 0.00	40.13 -1.93 0.00	39.63 -1.59 0.00	41.58 -1.63 0.00	41.35 -1.87 0.00	45.50 -2.54 0.00	58.12 -4.09 0.00	68.10 -4.04 0.00	82.76 -5.18 0.00	49.10 -3.40 0.00	46.68 -3.18 0.00	45.07 -2.83 0.00	49.33 -3.59 0.00	50.59 -3.48 0.00	41.17 -2.88 0.00	36.59 -2.04 0.00
NINE_MILE_1 23575	37.30 -1.05 0.00	33.88 -0.82 0.00	31.60 -0.78 0.00	29.47 -0.70 0.00	27.34 -0.64 0.00	26.66 -0.66 0.00	38.16 -1.19 0.00	38.07 -1.35 0.00	40.26 -1.41 0.00	40.45 -1.45 0.17	39.87 -1.35 0.00	41.88 -1.34 0.00	41.82 -1.39 0.00	46.44 -1.60 0.00	59.91 -2.31 0.00	69.47 -2.67 0.00	83.97 -3.33 0.63	50.63 -1.87 0.00	48.13 -1.73 0.00	46.27 -1.63 0.00	51.07 -1.84 0.00	52.20 -1.87 0.00	42.48 -1.58 0.00	37.32 -1.32 0.00
NINE_MILE_2 23744	37.30 -1.05 0.00	33.88 -0.81 0.00	31.60 -0.78 0.00	29.48 -0.70 0.00	27.34 -0.64 0.00	26.66 -0.66 0.00	38.16 -1.19 0.00	38.07 -1.35 0.00	40.26 -1.41 0.00	40.45 -1.45 0.17	39.87 -1.35 0.00	41.88 -1.34 0.00	41.82 -1.39 0.00	46.44 -1.60 0.00	59.91 -2.31 0.00	69.47 -2.67 0.00	83.97 -3.33 0.64	50.63 -1.87 0.00	48.13 -1.73 0.00	46.27 -1.63 0.00	51.07 -1.84 0.00	52.20 -1.87 0.00	42.48 -1.58 0.00	37.32 -1.31 0.00
NM_CAPITAL___DRP 24208	18.06 0.19 20.48	34.95 0.25 0.00	32.82 0.44 0.00	30.65 0.48 0.00	28.38 0.40 0.00	27.66 0.34 0.00	39.61 0.26 0.00	39.61 0.19 0.00	41.81 0.14 0.00	42.07 0.01 0.00	41.15 -0.07 0.00	43.08 -0.14 0.00	43.12 -0.10 0.00	48.11 0.06 0.00	62.54 0.33 0.00	72.61 0.47 0.00	88.46 0.55 0.02	49.57 0.32 3.24	49.96 0.11 0.01	47.96 0.06 0.00	53.03 0.12 0.00	54.18 0.11 0.00	44.07 0.02 0.00	38.64 0.00 0.00
NM_CENTRAL___DRP 24181	38.24 -0.11 0.00	34.73 0.04 0.00	32.38 -0.01 0.00	30.21 0.03 0.00	28.00 0.03 0.00	27.34 0.02 0.00	39.15 -0.20 0.00	39.11 -0.32 0.00	41.36 -0.30 0.00	41.71 -0.36 0.00	41.01 -0.21 0.00	43.10 -0.13 0.00	43.03 -0.19 0.00	47.75 -0.30 0.00	61.50 -0.71 0.00	71.28 -0.87 0.00	86.83 -1.11 0.00	51.94 -0.56 0.00	49.43 -0.43 0.00	47.49 -0.41 0.00	52.42 -0.49 0.00	53.57 -0.50 0.00	43.54 -0.52 0.00	38.20 -0.44 0.00

NM_FRONTIER___DRP 24179	36.80 -1.55 0.00	33.68 -1.01 0.00	31.16 -1.22 0.00	29.04 -1.14 0.00	26.97 -1.00 0.00	26.29 -1.03 0.00	37.48 -1.87 0.00	37.04 -2.38 0.00	39.49 -2.18 0.00	39.70 -2.36 0.00	39.24 -1.98 0.00	41.20 -2.02 0.00	40.98 -2.24 0.00	45.02 -3.03 0.00	57.47 -4.74 0.00	67.51 -4.63 0.00	81.98 -5.95 0.00	48.67 -3.83 0.00	46.25 -3.61 0.00	44.68 -3.22 0.00	48.83 -4.08 0.00	50.10 -3.97 0.00	40.80 -3.26 0.00	36.27 -2.36 0.00
NM_ST_REGIS___HYD 24053	39.11 0.76 0.00	35.18 0.48 0.00	32.65 0.26 0.00	30.36 0.19 0.00	28.18 0.20 0.00	27.65 0.33 0.00	40.10 0.75 0.00	40.43 1.00 0.00	42.60 0.93 0.00	42.95 0.89 0.00	41.66 0.45 0.00	43.44 0.21 0.00	43.63 0.41 0.00	48.26 0.21 0.00	62.53 0.31 0.00	72.25 0.11 0.00	88.29 0.35 0.00	52.70 0.20 0.00	50.43 0.56 0.00	48.79 0.89 0.00	53.83 0.92 0.00	55.10 1.03 0.00	44.98 0.93 0.00	39.30 0.66 0.00
NORTHPORT___1 23551	51.56 1.85 -11.37	40.12 2.06 -3.36	37.40 1.96 -3.06	32.37 2.00 -0.20	29.42 1.86 0.41	26.68 1.71 2.36	42.98 2.04 -1.60	43.74 2.20 -2.11	46.21 2.32 -2.23	48.42 2.00 -4.36	44.40 1.53 -1.65	44.91 1.24 -0.45	45.67 1.17 -1.28	50.89 1.59 -1.25	66.56 2.40 -1.95	74.59 2.23 -0.22	90.82 2.82 -0.06	214.76 1.50 -160.76	69.40 1.51 -18.02	52.47 1.28 -3.28	58.12 1.79 -3.41	56.18 1.76 -0.35	44.55 1.52 1.02	41.66 1.42 -1.61
NORTHPORT___2 23552	51.56 1.85 -11.37	40.12 2.06 -3.36	37.40 1.96 -3.06	32.37 2.00 -0.20	29.42 1.86 0.41	26.68 1.71 2.36	42.98 2.04 -1.60	43.74 2.20 -2.11	46.21 2.32 -2.23	48.42 2.00 -4.36	44.40 1.53 -1.65	44.91 1.24 -0.45	45.67 1.17 -1.28	50.89 1.59 -1.25	66.56 2.40 -1.95	74.59 2.23 -0.22	90.82 2.82 -0.06	214.76 1.50 -160.76	69.40 1.51 -18.02	52.47 1.28 -3.28	58.12 1.79 -3.41	56.18 1.76 -0.35	44.55 1.52 1.02	41.66 1.42 -1.61
NORTHPORT___3 23553	51.49 1.82 -11.32	40.08 2.04 -3.34	37.37 1.95 -3.04	32.34 1.97 -0.19	29.39 1.84 0.43	26.56 1.67 2.43	42.84 1.92 -1.58	43.58 2.05 -2.10	46.05 2.17 -2.21	48.32 1.91 -4.34	44.41 1.56 -1.63	45.03 1.38 -0.43	45.80 1.31 -1.27	51.09 1.81 -1.24	66.83 2.69 -1.93	75.00 2.63 -0.22	91.19 3.19 -0.06	215.17 1.77 -160.89	69.71 1.67 -18.18	52.57 1.44 -3.23	58.18 1.95 -3.31	56.11 1.97 -0.07	44.56 1.58 1.07	41.62 1.39 -1.60
NORTHPORT___4 23650	51.49 1.82 -11.32	40.08 2.04 -3.34	37.37 1.95 -3.04	32.34 1.97 -0.19	29.39 1.84 0.43	26.56 1.67 2.43	42.84 1.92 -1.58	43.58 2.05 -2.10	46.05 2.17 -2.21	48.32 1.91 -4.34	44.41 1.56 -1.63	45.03 1.38 -0.43	45.80 1.31 -1.27	51.09 1.81 -1.24	66.83 2.69 -1.93	75.00 2.63 -0.22	91.19 3.19 -0.06	215.17 1.77 -160.89	69.71 1.67 -18.18	52.57 1.44 -3.23	58.18 1.95 -3.31	56.11 1.97 -0.07	44.56 1.58 1.07	41.62 1.39 -1.60
NORTHPORT___IC 23718	51.57 1.85 -11.37	40.12 2.07 -3.36	37.40 1.96 -3.06	32.37 2.00 -0.20	29.42 1.86 0.41	26.68 1.71 2.36	42.98 2.04 -1.60	43.74 2.20 -2.11	46.22 2.32 -2.23	48.42 2.01 -4.36	44.40 1.53 -1.65	44.92 1.25 -0.45	45.67 1.17 -1.28	50.89 1.59 -1.25	66.56 2.40 -1.95	74.59 2.23 -0.22	90.82 2.82 -0.06	214.75 1.50 -160.76	69.40 1.51 -18.02	52.46 1.28 -3.28	58.12 1.80 -3.41	56.19 1.77 -0.35	44.56 1.53 1.02	41.66 1.42 -1.61
NORTH___COUNTRY_ESR 323785	38.66 0.31 0.00	34.80 0.10 0.00	32.33 -0.06 0.00	30.07 -0.11 0.00	27.90 -0.08 0.00	27.36 0.04 0.00	39.65 0.29 0.00	39.93 0.50 0.00	42.17 0.50 0.00	42.68 0.62 0.00	41.81 0.59 0.00	43.84 0.63 0.00	43.85 0.64 0.00	48.70 0.65 0.00	63.17 0.96 0.00	73.27 1.13 0.00	89.55 1.61 0.00	53.41 0.91 0.00	50.92 1.06 0.00	49.06 1.17 0.00	54.06 1.14 0.00	55.21 1.14 0.00	45.03 0.98 0.00	39.43 0.79 0.00
NPX_GEN_1385_PROXY 323591	51.67 1.95 -11.37	40.22 2.17 -3.36	37.53 2.09 -3.06	32.48 2.11 -0.20	29.53 1.96 0.41	25.88 1.81 3.25	43.43 2.12 -1.96	43.79 2.25 -2.11	46.22 2.32 -2.23	48.51 2.09 -4.36	53.76 1.68 -10.87	44.94 1.28 -0.45	45.68 1.18 -1.28	50.81 1.50 -1.25	66.53 2.36 -1.95	74.49 2.13 -0.22	90.82 2.82 -0.06	214.76 1.50 -160.76	69.54 1.66 -18.02	52.59 1.41 -3.28	58.26 1.94 -3.41	56.36 1.94 -0.35	44.62 1.60 1.02	41.73 1.48 -1.61
NPX_GEN_CSC 323557	53.06 2.35 -12.35	40.86 2.18 -3.99	38.03 2.02 -3.63	32.67 2.26 -0.24	29.65 1.99 0.32	26.41 1.90 2.80	44.05 2.35 -2.36	44.50 2.56 -2.51	47.11 2.80 -2.64	49.58 2.52 -5.00	45.38 2.12 -2.05	45.87 1.92 -0.72	46.58 1.80 -1.56	51.77 2.19 -1.53	67.56 3.03 -2.31	75.41 3.01 -0.26	91.79 3.77 -0.08	215.82 2.10 -161.23	70.52 2.30 -18.36	54.36 2.18 -4.28	60.63 2.79 -4.93	60.49 2.87 -3.54	45.69 2.26 0.62	42.44 1.88 -1.93
NSINS_S_GLNS_FALLS 23858	230.97 2.60 -190.02	37.03 2.34 0.00	34.56 2.18 0.00	32.36 2.19 0.00	29.96 1.98 0.00	29.31 1.99 0.00	41.98 2.64 0.00	41.35 1.92 0.00	43.47 1.81 0.00	43.88 1.82 0.00	42.65 1.43 0.00	44.53 1.31 0.00	44.42 1.20 0.00	50.06 2.01 0.00	65.32 3.11 0.00	75.98 3.84 0.00	91.92 4.00 0.02	54.81 2.31 0.00	51.81 1.94 0.00	49.66 1.76 0.00	55.00 2.08 0.00	56.37 2.30 0.00	45.69 1.64 0.00	40.28 1.65 0.00
NUCOR_STEEL___DRP 24197	38.49 0.14 0.00	34.86 0.16 0.00	32.43 0.04 0.00	30.25 0.07 0.00	28.21 0.24 0.00	27.42 0.10 0.00	39.42 0.07 0.00	39.40 -0.03 0.00	41.68 0.01 0.00	42.05 -0.04 -0.03	41.11 -0.11 0.00	43.34 0.12 0.00	43.20 -0.01 0.00	47.84 -0.20 0.00	61.65 -0.56 0.00	71.47 -0.68 0.00	87.18 -0.88 -0.12	52.15 -0.35 0.00	49.47 -0.39 0.00	47.53 -0.37 0.00	52.48 -0.44 0.00	53.64 -0.43 0.00	43.77 -0.28 0.00	38.45 -0.18 0.00
NUMBER_THREE_WT_PWR 323818	39.68 1.33 0.00	35.84 1.15 0.00	33.40 1.02 0.00	31.12 0.94 0.00	28.84 0.87 0.00	28.16 0.84 0.00	40.63 1.28 0.00	40.56 1.14 0.00	42.63 0.96 0.00	42.93 0.86 -0.01	42.29 1.07 0.00	44.60 1.38 0.00	44.72 1.50 0.00	49.53 1.49 0.00	63.56 1.35 0.00	73.18 1.04 0.00	89.29 1.33 -0.03	53.47 0.97 0.00	51.08 1.22 0.00	49.61 1.71 0.00	54.93 2.01 0.00	56.20 2.12 0.00	45.65 1.60 0.00	39.86 1.22 0.00
NYISO_LBMP_REFERENCE 24008	38.35 0.00 0.00	34.70 0.00 0.00	32.38 0.00 0.00	30.18 0.00 0.00	27.98 0.00 0.00	27.32 0.00 0.00	39.35 0.00 0.00	39.43 0.00 0.00	41.67 0.00 0.00	42.06 0.00 0.00	41.22 0.00 0.00	43.22 0.00 0.00	43.21 0.00 0.00	48.05 0.00 0.00	62.21 0.00 0.00	72.14 0.00 0.00	87.94 0.00 0.00	52.50 0.00 0.00	49.86 0.00 0.00	47.90 0.00 0.00	52.91 0.00 0.00	54.07 0.00 0.00	44.05 0.00 0.00	38.64 0.00 0.00
NYPA_BRENTWD____GT 24164	54.39 2.46 -13.58	41.98 2.52 -4.76	39.07 2.35 -4.33	32.82 2.37 -0.28	29.96 2.19 0.20	28.18 2.06 1.21	44.43 2.58 -2.50	45.21 2.78 -3.00	47.79 2.96 -3.16	50.54 2.68 -5.80	46.03 2.27 -2.53	46.38 2.09 -1.07	47.14 2.01 -1.91	52.40 2.48 -1.88	68.38 3.40 -2.76	75.51 3.05 -0.31	91.85 3.82 -0.10	216.46 2.16 -161.80	70.94 2.32 -18.76	54.78 2.21 -4.67	60.65 2.78 -4.95	58.74 2.84 -1.83	46.37 2.45 0.12	43.05 2.09 -2.33

NYPA_GOWANUS____GT5 24156	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.20 0.00	66.85 4.64 0.00	77.28 5.13 0.00	94.26 6.35 0.02	199.58 3.24 -143.84	52.96 2.76 -0.34	50.35 2.45 0.00	83.07 3.15 -27.00	70.69 3.18 -13.44	46.51 2.44 -0.02	47.56 2.04 -6.88
NYPA_GOWANUS____GT6 24157	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.14 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.11 2.45 0.00	44.46 2.40 0.01	43.66 2.44 0.00	45.75 2.54 0.00	45.89 2.67 0.00	51.25 3.20 0.00	66.85 4.64 0.00	77.28 5.13 0.00	94.26 6.35 0.02	199.58 3.24 -143.84	52.96 2.76 -0.34	50.35 2.45 0.00	83.07 3.15 -27.00	70.69 3.18 -13.44	46.51 2.44 -0.02	47.56 2.04 -6.88
NYPA_HARLEM__RVR__GT1 24160	47.36 1.80 -7.21	36.65 1.95 0.00	34.26 1.88 0.00	31.95 1.78 0.00	29.55 1.58 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.57 2.14 0.00	43.98 2.31 0.00	44.22 2.16 0.01	43.37 2.15 0.00	45.45 2.23 0.00	45.53 2.31 0.00	50.82 2.77 0.00	66.36 4.14 0.00	76.69 4.55 0.00	93.51 5.60 0.02	199.33 2.99 -143.84	52.76 2.56 -0.34	50.14 2.24 0.00	55.78 2.86 0.00	56.98 2.90 0.00	46.26 2.21 0.00	40.50 1.86 0.00
NYPA_HARLEM__RVR__GT2 24161	47.36 1.80 -7.21	36.65 1.95 0.00	34.26 1.88 0.00	31.95 1.78 0.00	29.55 1.58 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.57 2.14 0.00	43.98 2.31 0.00	44.22 2.16 0.01	43.37 2.15 0.00	45.45 2.23 0.00	45.53 2.31 0.00	50.82 2.77 0.00	66.36 4.14 0.00	76.69 4.55 0.00	93.51 5.60 0.02	199.33 2.99 -143.84	52.76 2.56 -0.34	50.14 2.24 0.00	55.78 2.86 0.00	56.98 2.90 0.00	46.26 2.21 0.00	40.50 1.86 0.00
NYPA_KENT____GT 24152	47.53 1.97 -7.21	36.79 2.09 0.00	34.39 2.01 0.00	32.07 1.90 0.00	29.65 1.67 0.00	28.86 1.54 0.00	41.51 2.16 0.00	41.75 2.32 0.00	44.12 2.45 0.00	44.44 2.39 0.01	43.60 2.38 0.00	45.69 2.47 0.00	45.80 2.58 0.00	51.13 3.09 0.00	66.72 4.50 0.00	77.08 4.94 0.00	94.01 6.10 0.02	199.49 3.15 -143.84	52.87 2.67 -0.34	50.26 2.36 0.00	72.19 2.99 -16.29	65.21 3.03 -8.11	46.41 2.35 -0.01	44.99 2.00 -4.36
NYPA_POUCH1____GT 24155	47.44 1.88 -7.21	36.83 2.13 0.00	34.43 2.04 0.00	32.13 1.95 0.00	29.70 1.72 0.00	28.88 1.56 0.00	41.52 2.17 0.00	41.67 2.25 0.00	43.94 2.27 0.00	44.25 2.20 0.01	43.48 2.26 0.00	45.55 2.33 0.01	45.68 2.47 0.00	51.06 3.01 0.00	66.64 4.42 0.00	77.03 4.88 0.00	94.03 6.12 0.02	100.40 3.01 -44.89	52.45 2.51 -0.08	50.09 2.20 0.01	82.91 2.99 -27.00	70.70 3.20 -13.44	46.46 2.39 -0.02	47.49 1.98 -6.88
NYPA_VERNON____GT2 24162	47.49 1.93 -7.21	36.72 2.02 0.00	34.32 1.94 0.00	32.01 1.83 0.00	29.60 1.63 0.00	28.81 1.49 0.00	41.46 2.11 0.00	41.70 2.27 0.00	44.12 2.46 0.00	44.43 2.38 0.01	43.56 2.34 0.00	45.62 2.40 0.00	45.72 2.51 0.00	51.01 2.96 0.00	66.57 4.36 0.00	76.95 4.80 0.00	93.84 5.93 0.02	199.43 3.09 -143.84	52.82 2.62 -0.34	50.18 2.28 0.00	61.38 2.88 -5.58	59.79 2.94 -2.78	46.33 2.28 0.00	42.41 1.93 -1.84
NYPA_VERNON____GT3 24163	47.49 1.93 -7.21	36.72 2.02 0.00	34.32 1.94 0.00	32.01 1.83 0.00	29.60 1.63 0.00	28.81 1.49 0.00	41.46 2.11 0.00	41.70 2.27 0.00	44.12 2.46 0.00	44.43 2.38 0.01	43.56 2.34 0.00	45.62 2.40 0.00	45.72 2.51 0.00	51.01 2.96 0.00	66.57 4.36 0.00	76.95 4.80 0.00	93.84 5.93 0.02	199.43 3.09 -143.84	52.82 2.62 -0.34	50.18 2.28 0.00	61.38 2.88 -5.58	59.79 2.94 -2.78	46.33 2.28 0.00	42.41 1.93 -1.84
NYPA__ASTORIA_CC1 323568	47.40 1.84 -7.21	36.64 1.95 0.00	34.25 1.87 0.00	31.94 1.77 0.00	29.54 1.56 0.00	28.75 1.43 0.00	41.36 2.01 0.00	41.60 2.18 0.00	44.02 2.35 0.00	44.33 2.27 0.01	43.44 2.22 0.00	45.49 2.27 0.00	45.60 2.38 0.00	50.87 2.82 0.00	66.41 4.19 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.27 2.93 -143.84	52.68 2.47 -0.34	50.06 2.16 0.00	55.66 2.75 0.00	56.87 2.80 0.00	46.22 2.17 0.00	38.67 1.84 1.81
NYPA__ASTORIA_CC2 323569	47.40 1.84 -7.21	36.64 1.95 0.00	34.25 1.87 0.00	31.94 1.77 0.00	29.54 1.56 0.00	28.75 1.43 0.00	41.36 2.01 0.00	41.60 2.18 0.00	44.02 2.35 0.00	44.33 2.27 0.01	43.44 2.22 0.00	45.49 2.27 0.00	45.60 2.38 0.00	50.87 2.82 0.00	66.41 4.19 0.00	76.76 4.62 0.00	93.58 5.67 0.02	199.27 2.93 -143.84	52.68 2.47 -0.34	50.06 2.16 0.00	55.66 2.75 0.00	56.87 2.80 0.00	46.22 2.17 0.00	38.67 1.84 1.81
NYPA__HOLTSVILL 23794	52.89 2.28 -12.27	40.92 2.29 -3.93	38.10 2.14 -3.58	32.63 2.23 -0.23	29.68 2.04 0.32	27.36 1.92 1.88	43.70 2.38 -1.97	44.47 2.57 -2.47	47.03 2.75 -2.61	49.44 2.43 -4.94	45.24 2.00 -2.01	45.75 1.83 -0.70	46.50 1.75 -1.54	51.76 2.20 -1.51	67.59 3.10 -2.28	75.49 3.09 -0.26	91.90 3.89 -0.08	215.84 2.16 -161.19	70.40 2.21 -18.33	54.12 2.00 -4.22	60.38 2.60 -4.86	60.14 2.60 -3.46	45.57 2.18 0.66	42.39 1.85 -1.90
NYPA____HELLGATE_GT1 24158	47.36 1.80 -7.21	36.65 1.95 0.00	34.26 1.88 0.00	31.95 1.78 0.00	29.55 1.58 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.57 2.14 0.00	43.98 2.31 0.00	44.22 2.16 0.01	43.37 2.15 0.00	45.45 2.23 0.00	45.53 2.31 0.00	50.82 2.77 0.00	66.36 4.14 0.00	76.69 4.55 0.00	93.51 5.60 0.02	199.33 2.99 -143.84	52.76 2.56 -0.34	50.14 2.24 0.00	55.78 2.86 0.00	56.98 2.90 0.00	46.26 2.21 0.00	40.50 1.86 0.00
NYPA____HELLGATE_GT2 24159	47.36 1.80 -7.21	36.65 1.95 0.00	34.26 1.88 0.00	31.95 1.78 0.00	29.55 1.58 0.00	28.75 1.43 0.00	41.31 1.96 0.00	41.57 2.14 0.00	43.98 2.31 0.00	44.22 2.16 0.01	43.37 2.15 0.00	45.45 2.23 0.00	45.53 2.31 0.00	50.82 2.77 0.00	66.36 4.14 0.00	76.69 4.55 0.00	93.51 5.60 0.02	199.33 2.99 -143.84	52.76 2.56 -0.34	50.14 2.24 0.00	55.78 2.86 0.00	56.98 2.90 0.00	46.26 2.21 0.00	40.50 1.86 0.00
NYS_BARGE__HYD 23848	37.90 -0.45 0.00	34.50 -0.19 0.00	31.90 -0.48 0.00	29.72 -0.45 0.00	27.61 -0.36 0.00	26.93 -0.39 0.00	38.45 -0.90 0.00	37.96 -1.47 0.00	40.44 -1.23 0.00	40.66 -1.40 0.00	40.16 -1.06 0.00	42.13 -1.09 0.00	41.86 -1.36 0.00	46.03 -2.02 0.00	58.76 -3.45 0.00	68.74 -3.41 0.00	83.43 -4.50 0.00	49.54 -2.96 0.00	47.11 -2.75 0.00	45.54 -2.36 0.00	49.81 -3.10 0.00	51.11 -2.97 0.00	41.61 -2.44 0.00	36.93 -1.71 0.00
OAK ORCHARD__HYD 24046	38.18 -0.17 0.00	34.69 -0.01 0.00	32.18 -0.20 0.00	29.99 -0.19 0.00	27.85 -0.12 0.00	27.17 -0.15 0.00	38.91 -0.44 0.00	38.76 -0.67 0.00	41.21 -0.46 0.00	41.51 -0.56 0.00	40.88 -0.34 0.00	42.87 -0.35 0.00	42.62 -0.59 0.00	47.07 -0.97 0.00	60.42 -1.79 0.00	70.57 -1.57 0.00	85.97 -1.99 0.00	51.17 -1.33 0.00	48.63 -1.23 0.00	46.88 -1.02 0.00	51.50 -1.42 0.00	52.71 -1.36 0.00	42.80 -1.26 0.00	37.75 -0.88 0.00

OAKDALE___35_KV_LOAD 356122	41.51 0.20 -2.96	35.09 0.39 0.00	32.73 0.35 0.00	30.56 0.38 0.00	28.30 0.33 0.00	27.68 0.36 0.00	39.68 0.33 0.00	39.72 0.29 0.00	41.95 0.28 0.00	42.19 0.15 0.03	41.53 0.31 0.00	43.53 0.31 0.00	43.53 0.32 0.00	48.42 0.38 0.00	62.31 0.10 0.00	72.30 0.16 0.00	87.84 0.00 0.09	58.87 -0.15 -6.53	49.95 0.07 -0.02	47.92 0.02 0.00	52.91 -0.01 0.00	54.08 0.00 0.00	43.98 -0.08 0.00	38.56 -0.08 0.00
OCC_CHEM___DRP 24175	36.89 -1.46 0.00	33.76 -0.94 0.00	31.22 -1.16 0.00	29.09 -1.08 0.00	27.02 -0.95 0.00	26.35 -0.97 0.00	37.56 -1.79 0.00	37.12 -2.30 0.00	39.57 -2.10 0.00	39.78 -2.28 0.00	39.32 -1.90 0.00	41.29 -1.93 0.00	41.07 -2.14 0.00	45.11 -2.93 0.00	57.61 -4.60 0.00	67.65 -4.49 0.00	82.16 -5.78 0.00	48.77 -3.73 0.00	46.34 -3.51 0.00	44.77 -3.13 0.00	48.94 -3.98 0.00	50.21 -3.86 0.00	40.87 -3.17 0.00	36.35 -2.29 0.00
OH_GEN_PROXY 24063	37.34 -1.01 0.00	34.03 -0.67 0.00	31.48 -0.90 0.00	29.34 -0.84 0.00	27.25 -0.73 0.00	25.62 -0.74 0.96	38.28 -1.42 -0.36	37.55 -1.87 0.00	39.98 -1.69 0.00	40.21 -1.85 0.00	39.70 -1.52 0.00	41.67 -1.56 0.00	41.42 -1.80 0.00	45.62 -2.42 0.00	58.29 -3.93 0.00	68.30 -3.84 0.00	82.97 -4.97 0.00	49.22 -3.28 0.00	46.81 -3.05 0.00	45.18 -2.72 0.00	49.45 -3.46 0.00	50.71 -3.36 0.00	41.26 -2.80 0.00	36.63 -2.01 0.00
OLIN_CORP_DRP 24177	37.49 -0.86 0.00	34.14 -0.56 0.00	31.56 -0.82 0.00	29.41 -0.77 0.00	27.32 -0.65 0.00	26.64 -0.68 0.00	38.00 -1.35 0.00	37.41 -2.02 0.00	39.84 -1.83 0.00	40.04 -2.02 0.00	39.58 -1.64 0.00	41.56 -1.66 0.00	41.31 -1.90 0.00	45.40 -2.65 0.00	57.91 -4.30 0.00	67.71 -4.43 0.00	82.18 -5.75 0.00	48.80 -3.70 0.00	46.40 -3.46 0.00	44.87 -3.03 0.00	49.02 -3.89 0.00	50.30 -3.77 0.00	41.02 -3.03 0.00	36.43 -2.20 0.00
OLIN_CORP_DSASP 323712	36.89 -1.46 0.00	33.76 -0.94 0.00	31.22 -1.16 0.00	29.09 -1.08 0.00	27.02 -0.95 0.00	26.35 -0.97 0.00	37.56 -1.79 0.00	37.12 -2.30 0.00	39.57 -2.10 0.00	39.81 -2.26 0.00	39.33 -1.89 0.00	41.29 -1.93 0.00	41.07 -2.14 0.00	45.11 -2.93 0.00	57.61 -4.61 0.00	67.65 -4.49 0.00	82.15 -5.79 0.00	48.75 -3.74 0.00	46.35 -3.51 0.00	44.78 -3.12 0.00	48.94 -3.98 0.00	50.22 -3.85 0.00	40.88 -3.17 0.00	36.36 -2.28 0.00
ONEIDA_HERK_LFGE 323681	39.46 1.11 0.00	35.68 0.98 0.00	33.29 0.90 0.00	31.02 0.84 0.00	28.75 0.77 0.00	28.07 0.75 0.00	40.45 1.10 0.00	40.46 1.03 0.00	42.63 0.96 0.00	42.97 0.91 0.00	42.21 0.99 0.00	44.44 1.22 0.00	44.50 1.29 0.00	49.40 1.35 0.00	63.58 1.36 0.00	73.41 1.27 0.00	89.49 1.56 0.00	53.56 1.06 0.00	51.07 1.21 0.00	49.28 1.38 0.00	54.51 1.59 0.00	55.74 1.66 0.00	45.28 1.22 0.00	39.59 0.96 0.00
ONEIDA___115KV_TB4 55905	39.54 1.19 0.00	35.79 1.09 0.00	33.37 0.99 0.00	31.13 0.95 0.00	28.85 0.87 0.00	28.19 0.87 0.00	40.52 1.17 0.00	40.57 1.14 0.00	42.81 1.14 0.00	43.12 1.05 0.00	42.33 1.11 0.00	44.58 1.36 0.00	44.60 1.38 0.00	49.54 1.49 0.00	63.66 1.45 0.00	73.72 1.58 0.00	89.70 1.76 0.00	53.67 1.17 0.00	51.21 1.35 0.00	49.18 1.28 0.00	54.46 1.55 0.00	55.68 1.61 0.00	45.21 1.15 0.00	39.56 0.92 0.00
ONONDAGA_REF_OCCRA 23987	38.44 0.09 0.00	34.91 0.21 0.00	32.54 0.15 0.00	30.36 0.19 0.00	28.14 0.17 0.00	27.48 0.16 0.00	39.37 0.02 0.00	39.34 -0.08 0.00	41.60 -0.07 0.00	41.93 -0.14 0.00	41.23 0.01 0.00	43.32 0.10 0.00	43.26 0.05 0.00	48.01 -0.04 0.00	61.82 -0.39 0.00	71.66 -0.48 0.00	87.30 -0.64 0.00	52.22 -0.28 0.00	49.72 -0.14 0.00	47.77 -0.13 0.00	52.74 -0.18 0.00	53.89 -0.18 0.00	43.80 -0.26 0.00	38.41 -0.23 0.00
ONONDAGA___COGEN 23986	38.24 -0.11 0.00	34.72 0.02 0.00	32.34 -0.04 0.00	30.16 -0.01 0.00	28.01 0.03 0.00	27.32 0.00 0.00	39.14 -0.21 0.00	39.09 -0.34 0.00	41.35 -0.32 0.00	41.73 -0.37 -0.03	40.96 -0.26 0.00	43.06 -0.16 0.00	42.96 -0.25 0.00	47.66 -0.39 0.00	61.42 -0.80 0.00	71.18 -0.97 0.00	86.86 -1.21 -0.13	51.89 -0.61 0.00	49.38 -0.48 0.00	47.44 -0.46 0.00	52.39 -0.52 0.00	53.54 -0.53 0.00	43.54 -0.52 0.00	38.21 -0.43 0.00
ONTARIO___LFGE 23819	38.56 0.20 0.00	35.15 0.46 0.00	32.67 0.29 0.00	30.47 0.30 0.00	28.28 0.30 0.00	27.66 0.34 0.00	39.65 0.30 0.00	39.60 0.17 0.00	41.88 0.21 0.00	42.11 0.03 -0.01	41.50 0.28 0.00	43.49 0.27 0.00	43.26 0.05 0.00	47.86 -0.19 0.00	61.53 -0.69 0.00	71.47 -0.68 0.00	87.05 -0.92 -0.04	51.89 -0.61 0.00	49.53 -0.33 0.00	47.65 -0.25 0.00	52.54 -0.38 0.00	53.68 -0.39 0.00	43.62 -0.43 0.00	38.37 -0.27 0.00
ORANGEVILLE_WT_PWR 323706	38.21 -0.14 0.00	34.87 0.17 0.00	32.32 -0.07 0.00	30.14 -0.04 0.00	27.98 0.00 0.00	27.36 0.04 0.00	39.15 -0.20 0.00	38.89 -0.53 0.00	41.31 -0.36 0.00	41.50 -0.56 0.01	40.94 -0.28 0.00	42.79 -0.42 0.00	42.65 -0.57 0.00	47.12 -0.93 0.00	60.30 -1.91 0.00	70.20 -1.94 0.00	85.21 -2.70 0.02	54.08 -1.98 -3.57	48.28 -1.59 -0.01	46.60 -1.30 0.00	51.17 -1.75 0.00	52.44 -1.63 0.00	42.68 -1.37 0.00	37.69 -0.94 0.00
ORANGEVILLE___ESR 323794	38.21 -0.14 0.00	34.87 0.17 0.00	32.32 -0.07 0.00	30.14 -0.04 0.00	27.98 0.00 0.00	27.36 0.04 0.00	39.15 -0.20 0.00	38.89 -0.53 0.00	41.31 -0.36 0.00	41.50 -0.56 0.01	40.94 -0.28 0.00	42.79 -0.42 0.00	42.65 -0.57 0.00	47.12 -0.93 0.00	60.30 -1.91 0.00	70.20 -1.94 0.00	85.21 -2.70 0.02	54.08 -1.98 -3.57	48.28 -1.59 -0.01	46.60 -1.30 0.00	51.17 -1.75 0.00	52.44 -1.63 0.00	42.68 -1.37 0.00	37.69 -0.94 0.00
OSWEGATCHIE___HYD 24044	38.97 0.62 0.00	35.14 0.45 0.00	32.71 0.33 0.00	30.45 0.27 0.00	28.23 0.25 0.00	27.54 0.22 0.00	39.85 0.50 0.00	39.86 0.44 0.00	41.87 0.20 0.00	42.21 0.13 -0.01	41.59 0.37 0.00	43.72 0.51 0.00	43.94 0.73 0.00	48.57 0.52 0.00	62.57 0.35 0.00	72.10 -0.04 0.00	88.03 0.06 -0.03	52.66 0.16 0.00	50.39 0.53 0.00	48.93 1.03 0.00	54.08 1.16 0.00	55.35 1.28 0.00	45.09 1.04 0.00	39.37 0.74 0.00
OSWEGO___5 23606	37.55 -0.80 0.00	34.10 -0.60 0.00	31.79 -0.60 0.00	29.65 -0.53 0.00	27.50 -0.47 0.00	26.82 -0.49 0.00	38.42 -0.93 0.00	38.35 -1.08 0.00	40.56 -1.11 0.00	41.04 -1.15 -0.13	40.16 -1.06 0.00	42.19 -1.03 0.00	42.12 -1.09 0.00	46.76 -1.29 0.00	60.32 -1.90 0.00	69.96 -2.18 0.00	85.69 -2.73 -0.49	50.97 -1.53 0.00	48.47 -1.39 0.00	46.60 -1.31 0.00	51.43 -1.48 0.00	52.57 -1.50 0.00	42.78 -1.27 0.00	37.57 -1.06 0.00
OSWEGO___6 23613	37.55 -0.80 0.00	34.10 -0.60 0.00	31.79 -0.60 0.00	29.65 -0.53 0.00	27.50 -0.47 0.00	26.82 -0.49 0.00	38.42 -0.93 0.00	38.35 -1.08 0.00	40.56 -1.11 0.00	41.04 -1.15 -0.13	40.16 -1.06 0.00	42.19 -1.03 0.00	42.12 -1.09 0.00	46.76 -1.29 0.00	60.32 -1.90 0.00	69.96 -2.18 0.00	85.69 -2.73 -0.49	50.97 -1.53 0.00	48.47 -1.39 0.00	46.60 -1.31 0.00	51.43 -1.48 0.00	52.57 -1.50 0.00	42.78 -1.27 0.00	37.57 -1.06 0.00

OUTOKUMPU-AB___DRP 24206	37.97 -0.38 0.00	34.63 -0.07 0.00	32.03 -0.35 0.00	29.84 -0.34 0.00	27.71 -0.27 0.00	27.03 -0.29 0.00	38.61 -0.74 0.00	38.22 -1.21 0.00	40.72 -0.95 0.00	40.95 -1.12 0.00	40.49 -0.73 0.00	42.49 -0.73 0.00	42.27 -0.95 0.00	46.49 -1.55 0.00	59.36 -2.85 0.00	69.55 -2.59 0.00	84.46 -3.48 0.00	50.12 -2.38 0.00	47.66 -2.20 0.00	46.02 -1.88 0.00	50.32 -2.59 0.00	51.60 -2.47 0.00	41.97 -2.08 0.00	37.22 -1.41 0.00
OXBOW___BTM 323836	37.42 -0.93 0.00	34.19 -0.51 0.00	31.61 -0.78 0.00	29.45 -0.72 0.00	27.35 -0.62 0.00	26.67 -0.65 0.00	38.07 -1.28 0.00	37.66 -1.76 0.00	40.14 -1.53 0.00	40.38 -1.69 0.00	39.92 -1.30 0.00	41.90 -1.32 0.00	41.67 -1.55 0.00	45.82 -2.23 0.00	58.50 -3.71 0.00	68.61 -3.53 0.00	83.33 -4.60 0.00	49.44 -3.05 0.00	47.02 -2.84 0.00	45.40 -2.50 0.00	49.64 -3.27 0.00	50.92 -3.16 0.00	41.42 -2.63 0.00	36.79 -1.85 0.00
OXBOW___ 24026	37.42 -0.93 0.00	34.18 -0.51 0.00	31.61 -0.77 0.00	29.45 -0.73 0.00	27.35 -0.62 0.00	26.67 -0.65 0.00	38.07 -1.28 0.00	37.66 -1.76 0.00	40.14 -1.53 0.00	40.36 -1.70 0.00	39.91 -1.31 0.00	41.89 -1.32 0.00	41.67 -1.55 0.00	45.81 -2.23 0.00	58.50 -3.71 0.00	68.61 -3.53 0.00	83.33 -4.60 0.00	49.44 -3.06 0.00	47.02 -2.84 0.00	45.41 -2.50 0.00	49.64 -3.27 0.00	50.91 -3.16 0.00	41.42 -2.63 0.00	36.78 -1.86 0.00
OXY_CHEM_DSASP 323612	36.89 -1.46 0.00	33.76 -0.94 0.00	31.22 -1.16 0.00	29.09 -1.08 0.00	27.02 -0.95 0.00	26.35 -0.97 0.00	37.56 -1.79 0.00	37.12 -2.30 0.00	39.57 -2.10 0.00	39.78 -2.28 0.00	39.32 -1.90 0.00	41.29 -1.93 0.00	41.07 -2.14 0.00	45.11 -2.93 0.00	57.61 -4.60 0.00	67.65 -4.49 0.00	82.16 -5.78 0.00	48.77 -3.73 0.00	46.34 -3.51 0.00	44.77 -3.13 0.00	48.94 -3.98 0.00	50.21 -3.86 0.00	40.87 -3.17 0.00	36.35 -2.29 0.00
OZONE_PARK_ESR 323760	47.91 2.35 -7.21	37.03 2.33 0.00	34.61 2.22 0.00	32.27 2.10 0.00	29.83 1.86 0.00	29.04 1.72 0.00	41.81 2.46 0.00	42.04 2.61 0.00	44.49 2.82 0.00	44.82 2.77 0.01	43.92 2.70 0.00	46.02 2.80 0.00	46.12 2.90 0.00	51.51 3.46 0.00	67.21 4.99 0.00	77.73 5.59 0.00	94.84 6.93 0.02	200.08 3.75 -143.83	53.44 3.24 -0.34	50.78 2.88 0.00	56.41 3.49 0.00	57.66 3.59 0.00	46.85 2.80 0.00	40.97 2.34 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.89 -1.46 0.00	33.76 -0.94 0.00	31.22 -1.16 0.00	29.09 -1.08 0.00	27.02 -0.95 0.00	26.35 -0.97 0.00	37.56 -1.79 0.00	37.12 -2.30 0.00	39.57 -2.10 0.00	39.78 -2.28 0.00	39.32 -1.90 0.00	41.29 -1.93 0.00	41.07 -2.14 0.00	45.11 -2.93 0.00	57.61 -4.60 0.00	67.65 -4.49 0.00	82.16 -5.78 0.00	48.77 -3.73 0.00	46.34 -3.51 0.00	44.77 -3.13 0.00	48.94 -3.98 0.00	50.21 -3.86 0.00	40.87 -3.17 0.00	36.35 -2.29 0.00
PACKARD___115KV_DUPONT_184 80571	36.89 -1.46 0.00	33.76 -0.94 0.00	31.22 -1.16 0.00	29.09 -1.08 0.00	27.02 -0.95 0.00	26.35 -0.97 0.00	37.56 -1.79 0.00	37.12 -2.30 0.00	39.57 -2.10 0.00	39.78 -2.28 0.00	39.32 -1.90 0.00	41.29 -1.93 0.00	41.07 -2.14 0.00	45.11 -2.93 0.00	57.61 -4.60 0.00	67.65 -4.49 0.00	82.16 -5.78 0.00	48.77 -3.73 0.00	46.34 -3.51 0.00	44.77 -3.13 0.00	48.94 -3.98 0.00	50.21 -3.86 0.00	40.87 -3.17 0.00	36.35 -2.29 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.35 1.79 -7.21	36.63 1.93 0.00	34.24 1.86 0.00	31.93 1.76 0.00	29.53 1.56 0.00	28.73 1.41 0.00	41.30 1.95 0.00	41.55 2.13 0.00	43.96 2.30 0.00	44.21 2.16 0.01	43.31 2.09 0.00	45.38 2.16 0.00	45.48 2.27 0.00	50.81 2.76 0.00	66.35 4.14 0.00	76.70 4.56 0.00	93.51 5.60 0.02	199.33 2.99 -143.84	52.73 2.52 -0.34	50.10 2.20 0.00	55.72 2.81 0.00	56.92 2.85 0.00	46.22 2.17 0.00	40.46 1.83 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.52 2.96 -7.21	37.64 2.95 0.00	35.20 2.82 0.00	32.83 2.66 0.00	30.38 2.41 0.00	29.58 2.26 0.00	42.55 3.20 0.00	42.81 3.38 0.00	45.33 3.66 0.00	45.54 3.48 0.01	44.41 3.19 0.00	46.45 3.24 0.00	46.54 3.33 0.00	51.96 3.92 0.00	67.84 5.63 0.00	78.44 6.29 0.00	95.62 7.71 0.02	200.67 4.34 -143.84	53.96 3.76 -0.34	51.27 3.37 0.00	57.06 4.15 0.00	58.32 4.25 0.00	47.34 3.29 0.00	41.41 2.77 0.00
PATROON___115KV_TB1 80586	38.36 0.29 0.28	35.04 0.34 0.00	32.90 0.52 0.00	30.71 0.54 0.00	28.45 0.48 0.00	27.74 0.41 0.00	39.73 0.37 0.00	39.74 0.31 0.00	41.76 0.10 0.00	42.01 -0.05 0.00	41.09 -0.13 0.00	43.02 -0.20 0.00	43.08 -0.14 0.00	48.09 0.04 0.00	62.51 0.30 0.00	72.71 0.56 0.00	88.84 0.93 0.02	49.59 0.54 3.45	50.13 0.28 0.01	48.15 0.25 0.00	53.22 0.31 0.00	54.36 0.29 0.00	44.21 0.15 0.00	38.74 0.10 0.00
PATTRSNVILLE___SOLAR 323815	132.77 1.30 -93.11	35.85 1.15 0.00	33.46 1.07 0.00	31.26 1.08 0.00	28.97 0.99 0.00	28.26 0.93 0.00	40.59 1.24 0.00	40.54 1.11 0.00	42.69 1.02 0.00	43.06 1.00 0.01	41.81 0.59 0.00	43.73 0.51 0.00	43.75 0.53 0.00	48.95 0.90 0.00	64.22 2.00 0.00	74.47 2.32 0.00	90.44 2.53 0.02	54.07 1.57 0.00	51.23 1.37 0.00	49.15 1.25 0.00	54.49 1.58 0.00	55.71 1.64 0.00	45.32 1.27 0.00	39.72 1.08 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.52 0.16 0.00	35.08 0.38 0.00	32.47 0.08 0.00	30.27 0.09 0.00	28.10 0.12 0.00	27.45 0.13 0.00	39.27 -0.07 0.00	39.03 -0.39 0.00	41.50 -0.17 0.00	41.71 -0.35 0.00	41.23 0.01 0.00	43.22 0.00 0.00	43.00 -0.21 0.00	47.52 -0.53 0.00	60.74 -1.48 0.00	70.99 -1.16 0.00	86.14 -1.79 0.00	54.20 -1.47 -3.18	48.66 -1.21 -0.01	46.90 -1.00 0.00	51.38 -1.54 0.00	52.65 -1.42 0.00	42.79 -1.26 0.00	37.84 -0.79 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.05 2.24 -7.45	36.86 2.17 0.00	34.46 2.07 0.00	32.12 1.95 0.00	29.70 1.72 0.00	28.91 1.59 0.00	41.62 2.27 0.00	41.79 2.36 0.00	44.21 2.54 0.00	44.52 2.47 0.01	43.60 2.38 0.00	45.70 2.48 0.00	45.82 2.61 0.00	51.26 3.21 0.00	66.84 4.63 0.00	77.46 5.32 0.00	94.43 6.52 0.02	199.75 3.65 -143.60	53.32 3.11 -0.34	50.66 2.76 0.00	56.12 3.20 0.00	57.31 3.24 0.00	46.50 2.45 0.00	40.66 2.02 0.00
PEEKSKILL___ 23653	47.20 1.69 -7.15	36.42 1.73 0.00	34.07 1.69 0.00	31.81 1.63 0.00	29.40 1.42 0.00	28.61 1.29 0.00	41.14 1.80 0.00	41.30 1.87 0.00	43.67 2.00 0.00	43.96 1.90 0.01	43.02 1.81 0.00	45.09 1.87 0.00	45.21 1.99 0.00	50.54 2.49 0.00	65.86 3.65 0.00	76.23 4.09 0.00	93.02 5.11 0.02	197.12 2.76 -141.87	52.52 2.32 -0.34	49.91 2.01 0.00	55.37 2.46 0.00	56.61 2.54 0.00	45.94 1.89 0.00	40.21 1.58 0.00
PGE MADISON___WINDPWR 24146	45.44 2.94 -4.15	37.53 2.84 0.00	34.82 2.44 0.00	32.49 2.32 0.00	30.23 2.25 0.00	29.66 2.35 0.00	42.79 3.43 0.00	42.83 3.40 0.00	44.96 3.29 0.00	45.33 3.29 0.02	44.48 3.26 0.00	46.72 3.50 0.00	46.98 3.77 0.00	52.02 3.98 0.00	66.62 4.40 0.00	77.35 5.21 0.00	94.71 6.84 0.07	62.90 4.06 -6.34	54.15 4.28 -0.02	52.00 4.10 0.00	57.38 4.47 0.00	58.63 4.56 0.00	47.48 3.43 0.00	41.41 2.77 0.00

PIERCEFIELD___HYD 23852	38.08 -0.28 0.00	34.19 -0.50 0.00	31.75 -0.63 0.00	29.51 -0.67 0.00	27.38 -0.60 0.00	26.69 -0.63 0.00	38.89 -0.46 0.00	39.12 -0.31 0.00	41.10 -0.57 0.00	41.57 -0.49 0.00	41.13 -0.09 0.00	43.26 0.04 0.00	43.44 0.23 0.00	47.99 -0.06 0.00	62.20 -0.02 0.00	71.75 -0.39 0.00	87.73 -0.20 0.00	52.39 -0.11 0.00	50.13 0.27 0.00	48.54 0.63 0.00	53.55 0.64 0.00	54.83 0.76 0.00	44.79 0.74 0.00	39.12 0.49 0.00
PINELAWN_CC_1 323563	60.33 2.31 -19.66	45.67 2.34 -8.63	42.43 2.19 -7.85	32.87 2.18 -0.51	30.35 2.03 -0.34	31.18 1.90 -1.96	46.71 2.36 -4.99	47.43 2.57 -5.43	50.10 2.72 -5.72	54.33 2.46 -9.81	48.05 1.85 -4.98	47.66 1.59 -2.85	48.47 1.46 -3.79	53.58 1.92 -3.61	70.08 2.86 -5.01	75.53 2.80 -0.58	91.47 3.33 -0.21	219.21 1.89 -164.81	72.59 1.86 -20.87	58.11 1.75 -8.46	64.06 2.32 -8.83	60.59 2.44 -4.08	48.97 2.34 -2.57	45.06 1.97 -4.46
PJM_GEN_HTP_PROXY 323702	47.42 1.86 -7.21	36.59 1.90 0.00	34.22 1.84 0.00	31.92 1.75 0.00	29.52 1.55 0.00	25.34 1.40 3.39	51.70 1.99 -10.35	41.56 2.13 0.00	43.97 2.30 0.00	44.28 2.22 0.01	43.36 2.14 0.00	43.64 2.20 1.78	45.53 2.31 0.00	50.86 2.81 0.00	66.36 4.15 0.00	76.76 4.62 0.00	93.64 5.73 0.02	185.02 3.02 -129.50	52.47 2.57 -0.04	50.12 2.22 0.00	55.65 2.74 0.00	56.89 2.82 0.00	46.23 2.18 0.00	40.45 1.81 0.00
PJM_GEN_KEystone 24065	43.28 0.41 -4.52	35.34 0.65 0.00	32.98 0.60 0.00	30.80 0.63 0.00	28.50 0.52 0.00	24.42 0.49 3.39	50.25 0.55 -10.35	39.93 0.50 0.00	42.22 0.56 0.00	42.45 0.39 0.01	41.72 0.50 0.00	41.91 0.47 1.78	43.04 0.48 0.65	48.73 0.68 0.00	62.98 0.77 0.00	73.07 0.92 0.00	88.87 0.97 0.03	107.33 0.20 -54.63	49.87 0.16 0.14	47.96 0.06 0.00	53.01 0.09 0.00	54.23 0.16 0.00	44.03 -0.02 0.00	33.71 0.04 4.96
PJM_GEN_NEPTUNE_PROXY 323594	47.65 1.94 -7.36	37.48 1.97 -0.81	34.99 1.87 -0.74	32.08 1.87 -0.04	28.96 1.76 0.78	21.11 1.62 7.83	51.61 1.96 -10.31	42.05 2.11 -0.51	44.47 2.26 -0.55	45.83 2.02 -1.75	43.06 1.80 -0.04	42.53 1.77 2.45	45.08 1.72 -0.14	50.45 2.27 -0.13	65.97 3.28 -0.47	75.55 3.35 -0.06	92.10 4.17 0.00	199.35 2.30 -144.56	68.35 2.12 -16.38	50.67 1.84 -0.93	56.30 2.42 -0.97	55.24 2.44 1.27	43.38 1.98 2.66	40.55 1.61 -0.30
PJM_GEN_VFT_PROXY 323633	47.20 1.64 -7.21	36.40 1.71 0.00	34.07 1.69 0.00	31.78 1.61 0.00	29.38 1.40 0.00	25.20 1.27 3.39	51.49 1.79 -10.35	41.36 1.93 0.00	43.73 2.07 0.00	44.02 1.97 0.01	43.12 1.90 0.00	43.37 1.93 1.78	45.26 2.05 0.00	50.57 2.53 0.00	66.00 3.79 0.00	76.28 4.14 0.00	93.00 5.08 0.02	85.67 2.61 -30.56	51.82 2.17 0.21	49.79 1.89 0.00	55.39 2.47 0.00	56.63 2.56 0.00	46.02 1.97 0.00	40.25 1.61 0.00
PLATSBURG_115KV_PMLD1 355749	39.10 0.75 0.00	35.21 0.51 0.00	32.68 0.30 0.00	30.41 0.23 0.00	28.20 0.23 0.00	27.69 0.37 0.00	40.08 0.73 0.00	40.39 0.96 0.00	42.64 0.97 0.00	43.18 1.12 0.00	42.25 1.03 0.00	44.29 1.07 0.00	44.28 1.06 0.00	49.29 1.25 0.00	64.00 1.78 0.00	74.16 2.02 0.00	90.64 2.71 0.00	54.00 1.50 0.00	51.63 1.77 0.00	49.77 1.87 0.00	54.75 1.83 0.00	55.88 1.81 0.00	45.59 1.54 0.00	39.89 1.26 0.00
PLEASANTVLY___LBMP 24000	47.34 1.52 -7.47	36.24 1.54 0.00	33.91 1.53 0.00	31.63 1.46 0.00	29.25 1.28 0.00	28.48 1.16 0.00	40.95 1.60 0.00	41.04 1.61 0.00	43.40 1.73 0.00	43.68 1.62 0.01	42.73 1.51 0.00	44.73 1.51 0.00	44.80 1.59 0.00	50.05 2.00 0.00	65.18 2.97 0.00	75.50 3.36 0.00	92.15 4.24 0.02	207.96 2.34 -153.13	52.19 1.97 -0.36	49.61 1.71 0.00	55.00 2.09 0.00	56.20 2.13 0.00	45.67 1.62 0.00	39.99 1.36 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.44 1.84 -7.25	36.54 1.84 0.00	34.17 1.79 0.00	31.87 1.70 0.00	29.47 1.49 0.00	28.69 1.37 0.00	41.27 1.92 0.00	41.43 2.01 0.00	43.82 2.15 0.00	44.13 2.08 0.01	43.19 1.97 0.00	45.24 2.02 0.00	45.36 2.15 0.00	50.69 2.64 0.00	66.05 3.84 0.00	76.48 4.34 0.00	93.32 5.41 0.02	200.60 2.97 -145.13	52.72 2.52 -0.34	50.10 2.20 0.00	55.58 2.66 0.00	56.79 2.72 0.00	46.11 2.06 0.00	40.37 1.74 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.44 1.84 -7.25	36.54 1.84 0.00	34.17 1.79 0.00	31.87 1.70 0.00	29.47 1.49 0.00	28.69 1.37 0.00	41.27 1.92 0.00	41.43 2.01 0.00	43.82 2.15 0.00	44.13 2.08 0.01	43.19 1.97 0.00	45.24 2.02 0.00	45.36 2.15 0.00	50.69 2.64 0.00	66.05 3.84 0.00	76.48 4.34 0.00	93.32 5.41 0.02	200.60 2.97 -145.13	52.72 2.52 -0.34	50.10 2.20 0.00	55.58 2.66 0.00	56.79 2.72 0.00	46.11 2.06 0.00	40.37 1.74 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.24 2.21 -7.67	36.82 2.12 0.00	34.41 2.03 0.00	32.08 1.90 0.00	29.65 1.67 0.00	28.86 1.54 0.00	41.54 2.19 0.00	41.67 2.24 0.00	44.07 2.40 0.00	44.34 2.28 0.01	43.40 2.19 0.00	45.46 2.24 0.00	45.53 2.31 0.00	50.94 2.89 0.00	66.41 4.19 0.00	77.00 4.86 0.00	93.86 5.95 0.02	198.47 3.35 -142.62	53.03 2.83 -0.34	50.42 2.52 0.00	55.87 2.96 0.00	57.06 2.99 0.00	46.30 2.25 0.00	40.51 1.88 0.00
POLETTI_____ 23519	47.35 1.79 -7.21	36.53 1.83 0.00	34.16 1.78 0.00	31.86 1.69 0.00	29.47 1.50 0.00	28.69 1.36 0.00	41.27 1.92 0.00	41.48 2.06 0.00	43.88 2.21 0.00	44.21 2.15 0.01	43.29 2.07 0.00	45.35 2.13 0.00	45.46 2.24 0.00	50.77 2.73 0.00	66.24 4.03 0.00	76.62 4.48 0.00	93.47 5.56 0.02	199.24 2.91 -143.83	52.66 2.46 -0.34	50.02 2.12 0.00	55.56 2.64 0.00	56.82 2.75 0.00	46.18 2.12 0.00	40.39 1.76 0.00
POMONA___ESR 323819	47.03 1.66 -7.02	36.39 1.69 0.00	34.06 1.68 0.00	31.81 1.64 0.00	29.38 1.41 0.00	28.60 1.28 0.00	41.11 1.77 0.00	41.27 1.84 0.00	43.63 1.97 0.00	43.92 1.86 0.01	43.01 1.79 0.00	45.12 1.91 0.00	45.29 2.07 0.00	50.68 2.63 0.00	66.05 3.83 0.00	76.40 4.26 0.00	93.20 5.29 0.02	192.63 2.85 -137.28	52.59 2.41 -0.33	50.01 2.11 0.00	55.47 2.56 0.00	56.69 2.61 0.00	45.96 1.91 0.00	40.23 1.59 0.00
PORT_JEFF_3 23555	53.06 2.35 -12.35	41.07 2.39 -3.99	38.23 2.22 -3.63	32.71 2.30 -0.24	29.76 2.10 0.32	27.46 1.99 1.84	43.82 2.47 -2.00	44.60 2.67 -2.51	47.17 2.86 -2.64	49.64 2.58 -5.00	45.43 2.17 -2.05	45.95 2.00 -0.72	46.71 1.92 -1.56	52.00 2.42 -1.53	67.81 3.29 -2.31	75.68 3.28 -0.26	92.13 4.12 -0.08	216.03 2.30 -161.23	70.56 2.34 -18.36	54.32 2.13 -4.29	60.64 2.77 -4.95	60.44 2.76 -3.61	45.77 2.35 0.62	42.54 1.98 -1.93
PORT_JEFF_4 23616	53.06 2.35 -12.35	41.07 2.39 -3.99	38.23 2.22 -3.63	32.71 2.30 -0.24	29.76 2.10 0.32	27.46 1.99 1.84	43.82 2.47 -2.00	44.60 2.67 -2.51	47.17 2.86 -2.64	49.64 2.58 -5.00	45.43 2.17 -2.05	45.95 2.00 -0.72	46.71 1.92 -1.56	52.00 2.42 -1.53	67.81 3.29 -2.31	75.68 3.28 -0.26	92.13 4.12 -0.08	216.03 2.30 -161.23	70.56 2.34 -18.36	54.32 2.13 -4.29	60.64 2.77 -4.95	60.44 2.76 -3.61	45.77 2.35 0.62	42.54 1.98 -1.93

PORT_JEFF_IC 23713	53.37 2.44 -12.58	41.27 2.44 -4.13	38.40 2.26 -3.76	32.75 2.33 -0.25	29.81 2.14 0.30	27.61 2.02 1.73	43.96 2.51 -2.09	44.74 2.72 -2.60	47.33 2.92 -2.74	49.86 2.65 -5.15	45.61 2.25 -2.14	46.13 2.12 -0.79	46.89 2.05 -1.63	52.19 2.55 -1.60	67.90 3.30 -2.39	75.64 3.23 -0.27	92.10 4.08 -0.08	216.11 2.27 -161.34	70.62 2.32 -18.44	54.48 2.09 -4.49	60.95 2.81 -5.23	60.96 2.76 -4.14	45.96 2.44 0.53	42.69 2.05 -2.01
PPL PILGRIM_ST_GT1 24216	54.39 2.46 -13.58	41.98 2.52 -4.76	39.07 2.35 -4.33	32.82 2.37 -0.28	29.96 2.19 0.20	28.18 2.06 1.21	44.43 2.58 -2.50	45.21 2.78 -3.00	47.79 2.96 -3.16	50.54 2.68 -5.80	46.03 2.27 -2.53	46.38 2.09 -1.07	47.14 2.01 -1.91	52.40 2.48 -1.88	68.38 3.40 -2.76	75.51 3.05 -0.31	91.85 3.82 -0.10	216.46 2.16 -161.80	70.94 2.32 -18.76	54.78 2.21 -4.67	60.65 2.78 -4.95	58.74 2.84 -1.83	46.37 2.45 0.12	43.05 2.09 -2.33
PPL PILGRIM_ST_GT2 24217	54.39 2.46 -13.58	41.98 2.52 -4.76	39.07 2.35 -4.33	32.82 2.37 -0.28	29.96 2.19 0.20	28.18 2.06 1.21	44.43 2.58 -2.50	45.21 2.78 -3.00	47.79 2.96 -3.16	50.54 2.68 -5.80	46.03 2.27 -2.53	46.38 2.09 -1.07	47.14 2.01 -1.91	52.40 2.48 -1.88	68.38 3.40 -2.76	75.51 3.05 -0.31	91.85 3.82 -0.10	216.46 2.16 -161.80	70.94 2.32 -18.76	54.78 2.21 -4.67	60.65 2.78 -4.95	58.74 2.84 -1.83	46.37 2.45 0.12	43.05 2.09 -2.33
PPL_SHRM_GT3 24213	53.20 2.38 -12.46	40.97 2.22 -4.06	38.12 2.04 -3.69	32.69 2.27 -0.24	29.68 2.01 0.31	27.45 1.92 1.79	43.78 2.38 -2.04	44.57 2.59 -2.55	47.18 2.82 -2.69	49.67 2.54 -5.07	45.42 2.11 -2.09	45.89 1.91 -0.76	46.61 1.80 -1.60	51.81 2.21 -1.56	67.66 3.09 -2.35	75.51 3.10 -0.27	91.95 3.93 -0.08	215.95 2.17 -161.28	70.64 2.39 -18.39	54.52 2.26 -4.36	60.80 2.85 -5.04	60.73 2.95 -3.72	45.77 2.30 0.58	42.51 1.90 -1.97
PPL_SHRM_GT4 24214	53.20 2.38 -12.46	40.97 2.22 -4.06	38.12 2.04 -3.69	32.69 2.27 -0.24	29.68 2.01 0.31	27.45 1.92 1.79	43.78 2.38 -2.04	44.57 2.59 -2.55	47.18 2.82 -2.69	49.67 2.54 -5.07	45.42 2.11 -2.09	45.89 1.91 -0.76	46.61 1.80 -1.60	51.81 2.21 -1.56	67.66 3.09 -2.35	75.51 3.10 -0.27	91.95 3.93 -0.08	215.95 2.17 -161.28	70.64 2.39 -18.39	54.52 2.26 -4.36	60.80 2.85 -5.04	60.73 2.95 -3.72	45.77 2.30 0.58	42.51 1.90 -1.97
PROJECT___ORANGE 1 24174	38.25 -0.10 0.00	34.75 0.06 0.00	32.39 0.00 0.00	30.22 0.05 0.00	28.01 0.04 0.00	27.35 0.03 0.00	39.16 -0.19 0.00	39.13 -0.30 0.00	41.38 -0.29 0.00	41.72 -0.34 0.00	41.03 -0.19 0.00	43.10 -0.12 0.00	43.04 -0.17 0.00	47.77 -0.27 0.00	61.54 -0.67 0.00	71.32 -0.82 0.00	86.89 -1.05 0.00	51.96 -0.54 0.00	49.46 -0.40 0.00	47.50 -0.40 0.00	52.43 -0.49 0.00	53.58 -0.49 0.00	43.55 -0.50 0.00	38.20 -0.43 0.00
PROJECT___ORANGE 2 24166	38.25 -0.10 0.00	34.75 0.06 0.00	32.39 0.00 0.00	30.22 0.05 0.00	28.01 0.04 0.00	27.35 0.03 0.00	39.16 -0.19 0.00	39.13 -0.30 0.00	41.38 -0.29 0.00	41.72 -0.34 0.00	41.03 -0.19 0.00	43.10 -0.12 0.00	43.04 -0.17 0.00	47.77 -0.27 0.00	61.54 -0.67 0.00	71.32 -0.82 0.00	86.89 -1.05 0.00	51.96 -0.54 0.00	49.46 -0.40 0.00	47.50 -0.40 0.00	52.43 -0.49 0.00	53.58 -0.49 0.00	43.55 -0.50 0.00	38.20 -0.43 0.00
PUCKETT___SOLAR 323809	42.73 0.82 -3.56	35.64 0.95 0.00	33.23 0.85 0.00	31.02 0.84 0.00	28.74 0.77 0.00	28.12 0.80 0.00	40.37 1.03 0.00	40.38 0.95 0.00	42.56 0.89 0.00	42.74 0.70 0.02	41.95 0.73 0.00	44.07 0.85 0.00	44.23 1.01 0.00	49.16 1.11 0.00	63.16 0.95 0.00	73.26 1.12 0.00	89.10 1.25 0.09	59.89 0.64 -6.75	50.79 0.91 -0.02	48.82 0.92 0.00	53.94 1.03 0.00	55.15 1.08 0.00	44.79 0.74 0.00	39.22 0.58 0.00
PYRITES___HYD 24023	39.24 0.89 0.00	35.22 0.52 0.00	32.68 0.30 0.00	30.36 0.18 0.00	28.17 0.20 0.00	27.58 0.26 0.00	40.23 0.88 0.00	40.39 0.96 0.00	42.29 0.63 0.00	42.56 0.50 0.00	41.67 0.46 0.00	43.77 0.55 0.00	44.20 0.98 0.00	48.71 0.67 0.00	63.09 0.88 0.00	72.50 0.36 0.00	88.73 0.80 0.00	53.08 0.58 0.00	50.94 1.08 0.00	49.67 1.76 0.00	54.83 1.91 0.00	56.12 2.05 0.00	45.72 1.67 0.00	39.88 1.25 0.00
QUAKERRD_115KV_BK1 80622	37.36 -0.99 0.00	33.94 -0.76 0.00	31.51 -0.87 0.00	29.37 -0.81 0.00	27.27 -0.70 0.00	26.61 -0.71 0.00	38.13 -1.23 0.00	37.99 -1.43 0.00	40.36 -1.31 0.00	40.66 -1.41 -0.01	40.02 -1.20 0.00	41.98 -1.24 0.00	41.78 -1.44 0.00	46.19 -1.86 0.00	59.34 -2.87 0.00	69.19 -2.95 0.00	84.32 -3.64 -0.03	50.26 -2.24 0.00	47.75 -2.11 0.00	46.00 -1.90 0.00	50.57 -2.35 0.00	51.73 -2.34 0.00	42.02 -2.03 0.00	37.03 -1.60 0.00
QUENSBRY_115KV_TB8 356137	225.91 2.70 -184.86	37.12 2.43 0.00	34.62 2.23 0.00	32.43 2.25 0.00	30.02 2.04 0.00	29.37 2.05 0.00	42.08 2.73 0.00	41.43 2.00 0.00	43.49 1.82 0.00	43.91 1.85 0.00	42.68 1.47 0.00	44.59 1.38 0.00	44.47 1.26 0.00	50.18 2.14 0.00	65.49 3.27 0.00	76.17 4.02 0.00	92.12 4.20 0.02	54.90 2.40 0.00	51.90 2.04 0.00	49.73 1.83 0.00	55.09 2.17 0.00	56.46 2.38 0.00	45.73 1.68 0.00	40.33 1.70 0.00
RAMAPO___LBMP 323565	46.82 1.48 -6.99	36.22 1.52 0.00	33.92 1.53 0.00	31.67 1.50 0.00	29.26 1.28 0.00	28.48 1.16 0.00	40.96 1.60 0.00	41.10 1.68 0.00	43.44 1.77 0.00	43.71 1.66 0.01	42.79 1.57 0.00	44.87 1.65 0.00	45.01 1.79 0.00	50.36 2.31 0.00	65.60 3.39 0.00	75.90 3.76 0.00	92.58 4.67 0.02	191.21 2.51 -136.20	52.28 2.10 -0.32	49.72 1.82 0.00	55.16 2.24 0.00	56.38 2.31 0.00	45.74 1.68 0.00	40.04 1.40 0.00
RANKINE___ 23646	38.33 -0.03 0.00	34.91 0.21 0.00	32.29 -0.09 0.00	30.11 -0.07 0.00	27.95 -0.03 0.00	27.30 -0.02 0.00	39.04 -0.31 0.00	38.73 -0.69 0.00	41.21 -0.46 0.00	41.42 -0.65 0.00	40.93 -0.29 0.00	42.94 -0.28 0.00	42.72 -0.49 0.00	47.15 -0.89 0.00	60.23 -1.98 0.00	70.44 -1.71 0.00	85.52 -2.41 0.00	53.79 -1.80 -3.09	48.29 -1.58 -0.01	46.57 -1.33 0.00	51.00 -1.91 0.00	52.27 -1.80 0.00	42.49 -1.57 0.00	37.62 -1.02 0.00
RAVENSWOOD_GT2_1 24244	47.46 1.90 -7.21	36.63 1.93 0.00	34.25 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.75 1.43 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.32 2.26 0.01	43.40 2.18 0.00	45.46 2.24 0.00	45.56 2.35 0.00	50.89 2.84 0.00	66.39 4.18 0.00	76.79 4.65 0.00	93.67 5.76 0.02	199.39 3.05 -143.84	52.78 2.58 -0.34	50.15 2.25 0.00	55.69 2.77 0.00	56.93 2.86 0.00	46.26 2.21 0.00	40.48 1.85 0.00
RAVENSWOOD_GT2_2 24245	47.46 1.90 -7.21	36.63 1.93 0.00	34.25 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.75 1.43 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.32 2.26 0.01	43.40 2.18 0.00	45.46 2.24 0.00	45.56 2.35 0.00	50.89 2.84 0.00	66.39 4.18 0.00	76.79 4.65 0.00	93.67 5.76 0.02	199.39 3.05 -143.84	52.78 2.58 -0.34	50.15 2.25 0.00	55.69 2.77 0.00	56.93 2.86 0.00	46.26 2.21 0.00	40.48 1.85 0.00

RAVENSWOOD_GT2_3 24246	47.47 1.91 -7.21	36.65 1.95 0.00	34.27 1.89 0.00	31.97 1.80 0.00	29.56 1.58 0.00	28.76 1.44 0.00	41.40 2.05 0.00	41.61 2.18 0.00	44.02 2.35 0.00	44.33 2.28 0.01	43.42 2.20 0.00	45.49 2.27 0.00	45.59 2.38 0.00	50.92 2.88 0.00	66.43 4.21 0.00	76.84 4.70 0.00	93.73 5.82 0.02	199.41 3.07 -143.84	52.82 2.61 -0.34	50.17 2.27 0.00	55.74 2.82 0.00	56.96 2.89 0.00	46.29 2.24 0.00	40.51 1.87 0.00
RAVENSWOOD_GT2_4 24247	47.47 1.91 -7.21	36.65 1.95 0.00	34.27 1.89 0.00	31.97 1.80 0.00	29.56 1.58 0.00	28.76 1.44 0.00	41.40 2.05 0.00	41.61 2.18 0.00	44.02 2.35 0.00	44.33 2.28 0.01	43.42 2.20 0.00	45.49 2.27 0.00	45.59 2.38 0.00	50.92 2.88 0.00	66.43 4.21 0.00	76.84 4.70 0.00	93.73 5.82 0.02	199.41 3.07 -143.84	52.82 2.61 -0.34	50.17 2.27 0.00	55.74 2.82 0.00	56.96 2.89 0.00	46.29 2.24 0.00	40.51 1.87 0.00
RAVENSWOOD_GT3_1 24248	47.46 1.90 -7.21	36.63 1.93 0.00	34.25 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.75 1.43 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.32 2.26 0.01	43.40 2.18 0.00	45.46 2.24 0.00	45.56 2.35 0.00	50.89 2.84 0.00	66.39 4.18 0.00	76.79 4.65 0.00	93.67 5.76 0.02	199.39 3.05 -143.84	52.78 2.58 -0.34	50.15 2.26 0.00	55.69 2.78 0.00	56.93 2.86 0.00	46.27 2.21 0.00	40.48 1.85 0.00
RAVENSWOOD_GT3_2 24249	47.46 1.90 -7.21	36.63 1.93 0.00	34.25 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.75 1.43 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.32 2.26 0.01	43.40 2.18 0.00	45.46 2.24 0.00	45.56 2.35 0.00	50.89 2.84 0.00	66.39 4.18 0.00	76.79 4.65 0.00	93.67 5.76 0.02	199.39 3.05 -143.84	52.78 2.58 -0.34	50.15 2.26 0.00	55.69 2.78 0.00	56.93 2.86 0.00	46.27 2.21 0.00	40.48 1.85 0.00
RAVENSWOOD_GT3_3 24250	47.53 1.97 -7.21	36.69 1.99 0.00	34.31 1.92 0.00	32.01 1.83 0.00	29.59 1.61 0.00	28.80 1.48 0.00	41.45 2.10 0.00	41.67 2.24 0.00	44.09 2.42 0.00	44.41 2.35 0.01	43.49 2.27 0.00	45.56 2.34 0.00	45.66 2.45 0.00	51.01 2.96 0.00	66.53 4.32 0.00	76.96 4.82 0.00	93.86 5.95 0.02	199.51 3.17 -143.84	52.89 2.69 -0.34	50.25 2.35 0.00	55.81 2.89 0.00	57.04 2.97 0.00	46.35 2.30 0.00	40.55 1.92 0.00
RAVENSWOOD_GT3_4 24251	47.53 1.97 -7.21	36.69 1.99 0.00	34.31 1.92 0.00	32.01 1.83 0.00	29.59 1.61 0.00	28.80 1.48 0.00	41.45 2.10 0.00	41.67 2.24 0.00	44.09 2.42 0.00	44.41 2.35 0.01	43.49 2.27 0.00	45.56 2.34 0.00	45.66 2.45 0.00	51.01 2.96 0.00	66.53 4.32 0.00	76.96 4.82 0.00	93.86 5.95 0.02	199.51 3.17 -143.84	52.89 2.69 -0.34	50.25 2.35 0.00	55.81 2.89 0.00	57.04 2.97 0.00	46.35 2.30 0.00	40.55 1.92 0.00
RAVENSWOOD_GT_1 23729	47.49 1.93 -7.21	36.72 2.02 0.00	34.32 1.94 0.00	32.01 1.83 0.00	29.60 1.63 0.00	28.81 1.49 0.00	41.46 2.11 0.00	41.70 2.28 0.00	44.13 2.46 0.00	44.44 2.39 0.01	43.56 2.34 0.00	45.63 2.41 0.00	45.73 2.51 0.00	51.01 2.97 0.00	66.57 4.36 0.00	76.95 4.80 0.00	93.84 5.93 0.02	199.43 3.10 -143.84	52.83 2.63 -0.34	50.18 2.28 0.00	61.38 2.89 -5.58	59.79 2.94 -2.78	46.33 2.27 0.00	42.41 1.93 -1.84
RAVENSWOOD_GT_10 24258	47.46 1.90 -7.21	36.63 1.93 0.00	34.25 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.75 1.43 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.32 2.26 0.01	43.40 2.18 0.00	45.46 2.24 0.00	45.56 2.35 0.00	50.89 2.84 0.00	66.39 4.18 0.00	76.79 4.65 0.00	93.67 5.76 0.02	199.39 3.06 -143.84	52.78 2.58 -0.34	50.15 2.26 0.00	56.34 2.78 -0.64	57.26 2.87 -0.32	46.27 2.21 0.00	40.69 1.85 -0.21
RAVENSWOOD_GT_11 24259	47.46 1.90 -7.21	36.63 1.93 0.00	34.25 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.75 1.43 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.32 2.26 0.01	43.40 2.18 0.00	45.46 2.24 0.00	45.56 2.35 0.00	50.89 2.84 0.00	66.39 4.18 0.00	76.79 4.65 0.00	93.67 5.76 0.02	199.39 3.06 -143.84	52.78 2.58 -0.34	50.15 2.26 0.00	56.34 2.78 -0.64	57.26 2.87 -0.32	46.27 2.21 0.00	40.69 1.85 -0.21
RAVENSWOOD_GT_4 24252	47.47 1.91 -7.21	36.63 1.93 0.00	34.26 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.76 1.44 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.31 2.26 0.01	43.38 2.17 0.00	45.45 2.23 0.00	45.56 2.34 0.00	50.88 2.84 0.00	66.37 4.15 0.00	76.78 4.64 0.00	93.65 5.74 0.02	199.39 3.06 -143.84	52.79 2.59 -0.34	50.16 2.26 0.00	59.95 2.79 -4.25	59.06 2.87 -2.12	46.28 2.22 0.00	41.89 1.86 -1.40
RAVENSWOOD_GT_5 24254	47.47 1.91 -7.21	36.63 1.93 0.00	34.26 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.76 1.44 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.31 2.26 0.01	43.38 2.17 0.00	45.45 2.23 0.00	45.56 2.34 0.00	50.88 2.84 0.00	66.37 4.15 0.00	76.78 4.64 0.00	93.65 5.74 0.02	199.39 3.06 -143.84	52.79 2.59 -0.34	50.16 2.26 0.00	59.95 2.79 -4.25	59.06 2.87 -2.12	46.28 2.22 0.00	41.89 1.86 -1.40
RAVENSWOOD_GT_6 24253	47.47 1.91 -7.21	36.63 1.93 0.00	34.26 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.76 1.44 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.31 2.26 0.01	43.38 2.17 0.00	45.45 2.23 0.00	45.56 2.34 0.00	50.88 2.84 0.00	66.37 4.15 0.00	76.78 4.64 0.00	93.65 5.74 0.02	199.39 3.06 -143.84	52.79 2.59 -0.34	50.16 2.26 0.00	59.95 2.79 -4.25	59.06 2.87 -2.12	46.28 2.22 0.00	41.89 1.86 -1.40
RAVENSWOOD_GT_7 24255	47.47 1.91 -7.21	36.63 1.93 0.00	34.26 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.76 1.44 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.31 2.26 0.01	43.38 2.17 0.00	45.45 2.23 0.00	45.56 2.34 0.00	50.88 2.84 0.00	66.37 4.15 0.00	76.78 4.64 0.00	93.65 5.74 0.02	199.39 3.06 -143.84	52.79 2.59 -0.34	50.16 2.26 0.00	59.95 2.79 -4.25	59.06 2.87 -2.12	46.28 2.22 0.00	41.89 1.86 -1.40
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.46 1.90 -7.21	36.63 1.93 0.00	34.25 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.75 1.43 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.32 2.26 0.01	43.40 2.18 0.00	45.46 2.24 0.00	45.56 2.35 0.00	50.89 2.84 0.00	66.39 4.18 0.00	76.79 4.65 0.00	93.67 5.76 0.02	199.39 3.06 -143.84	52.78 2.58 -0.34	50.15 2.26 0.00	56.34 2.78 -0.64	57.26 2.87 -0.32	46.27 2.21 0.00	40.69 1.85 -0.21
RAVENSWOOD_GT_9 24257	47.46 1.90 -7.21	36.63 1.93 0.00	34.25 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.75 1.43 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.32 2.26 0.01	43.40 2.18 0.00	45.46 2.24 0.00	45.56 2.35 0.00	50.89 2.84 0.00	66.39 4.18 0.00	76.79 4.65 0.00	93.67 5.76 0.02	199.39 3.06 -143.84	52.78 2.58 -0.34	50.15 2.26 0.00	56.34 2.78 -0.64	57.26 2.87 -0.32	46.27 2.21 0.00	40.69 1.85 -0.21

RAVENSWOOD___1 23533	47.43 1.87 -7.21	36.65 1.95 0.00	34.27 1.89 0.00	31.96 1.79 0.00	29.55 1.58 0.00	28.76 1.44 0.00	41.39 2.04 0.00	41.62 2.19 0.00	44.02 2.36 0.00	44.35 2.29 0.01	43.46 2.24 0.00	45.52 2.30 0.00	45.63 2.41 0.00	50.93 2.88 0.00	66.48 4.27 0.00	76.87 4.73 0.00	93.73 5.82 0.02	199.38 3.04 -143.84	52.76 2.55 -0.34	50.13 2.23 0.00	50.23 2.82 5.50	54.21 2.87 2.74	46.25 2.21 0.00	38.69 1.87 1.81
RAVENSWOOD___2 23534	47.43 1.87 -7.21	36.65 1.95 0.00	34.27 1.89 0.00	31.96 1.79 0.00	29.55 1.58 0.00	28.76 1.44 0.00	41.39 2.04 0.00	41.62 2.19 0.00	44.02 2.36 0.00	44.35 2.29 0.01	43.46 2.24 0.00	45.52 2.30 0.00	45.63 2.41 0.00	50.93 2.88 0.00	66.48 4.27 0.00	76.87 4.73 0.00	93.73 5.82 0.02	199.38 3.04 -143.84	52.76 2.55 -0.34	50.13 2.23 0.00	50.23 2.82 5.50	54.21 2.87 2.74	46.25 2.21 0.00	38.69 1.87 1.81
RAVENSWOOD___3 23535	47.45 1.90 -7.21	36.63 1.94 0.00	34.26 1.87 0.00	31.95 1.78 0.00	29.55 1.57 0.00	28.75 1.43 0.00	41.38 2.03 0.00	41.59 2.17 0.00	44.00 2.33 0.00	44.32 2.26 0.01	43.40 2.18 0.00	45.46 2.24 0.00	45.56 2.35 0.00	50.89 2.85 0.00	66.40 4.18 0.00	76.79 4.65 0.00	93.67 5.76 0.02	199.39 3.06 -143.84	52.78 2.58 -0.34	50.15 2.25 0.00	55.70 2.79 0.00	56.93 2.86 0.00	46.27 2.22 0.00	40.48 1.85 0.00
RAVENSWOOD___4 23820	47.43 1.87 -7.21	36.65 1.95 0.00	34.27 1.89 0.00	31.96 1.79 0.00	29.55 1.58 0.00	28.76 1.44 0.00	41.39 2.04 0.00	41.62 2.19 0.00	44.02 2.36 0.00	44.35 2.29 0.01	43.46 2.24 0.00	45.52 2.30 0.00	45.63 2.41 0.00	50.93 2.88 0.00	66.48 4.27 0.00	76.87 4.73 0.00	93.73 5.82 0.02	199.38 3.04 -143.84	52.76 2.55 -0.34	50.13 2.23 0.00	50.23 2.82 5.50	54.21 2.87 2.74	46.25 2.21 0.00	38.69 1.87 1.81
RCPL_TRUST___DRP 24196	47.46 1.90 -7.21	36.63 1.93 0.00	34.26 1.87 0.00	31.95 1.78 0.00	29.55 1.58 0.00	28.76 1.44 0.00	41.39 2.04 0.00	41.62 2.19 0.00	44.03 2.36 0.00	44.36 2.30 0.01	43.44 2.23 0.00	45.50 2.28 0.00	45.60 2.39 0.00	50.94 2.89 0.00	66.47 4.26 0.00	76.87 4.73 0.00	93.76 5.85 0.02	199.41 3.10 -143.81	52.83 2.63 -0.34	50.17 2.27 0.00	55.72 2.80 0.00	56.95 2.88 0.00	46.28 2.22 0.00	40.50 1.86 0.00
RED___ROCHESTER 323720	38.46 0.10 0.00	34.92 0.23 0.00	32.39 0.00 0.00	30.18 0.00 0.00	28.02 0.04 0.00	27.35 0.03 0.00	39.17 -0.18 0.00	39.03 -0.40 0.00	41.51 -0.15 0.00	41.83 -0.24 0.00	41.19 -0.03 0.00	43.20 -0.02 0.00	42.96 -0.25 0.00	47.45 -0.59 0.00	60.92 -1.30 0.00	71.15 -0.99 0.00	86.61 -1.34 -0.02	51.57 -0.93 0.00	49.03 -0.83 0.00	47.27 -0.64 0.00	51.91 -1.00 0.00	53.12 -0.95 0.00	43.12 -0.93 0.00	38.01 -0.63 0.00
REGAN___SOLAR 323812	127.83 2.44 -87.04	36.82 2.12 0.00	34.24 1.85 0.00	31.95 1.78 0.00	29.65 1.68 0.00	28.95 1.63 0.00	41.67 2.32 0.00	41.56 2.13 0.00	43.47 1.80 0.00	44.00 1.95 0.01	42.08 0.86 0.00	43.87 0.65 0.00	44.06 0.84 0.00	49.88 1.83 0.00	66.35 4.13 0.00	76.34 4.20 0.00	92.81 4.89 0.02	55.76 3.26 0.00	52.76 2.90 0.00	50.42 2.52 0.00	56.29 3.38 0.00	57.53 3.46 0.00	46.78 2.73 0.00	40.92 2.28 0.00
RENSSELAER___COGEN 23796	18.16 -0.02 20.16	34.78 0.08 0.00	32.69 0.31 0.00	30.54 0.36 0.00	28.27 0.30 0.00	27.55 0.23 0.00	39.46 0.11 0.00	39.46 0.04 0.00	41.63 -0.04 0.00	41.87 -0.18 0.00	40.97 -0.25 0.00	42.87 -0.35 0.00	42.93 -0.28 0.00	47.89 -0.16 0.00	62.25 0.03 0.00	72.29 0.15 0.00	88.13 0.21 0.02	48.90 0.14 3.74	49.78 -0.08 0.01	47.80 -0.10 0.00	52.85 -0.06 0.00	53.99 -0.08 0.00	43.92 -0.13 0.00	38.50 -0.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	232.70 4.14 -190.21	38.14 3.44 0.00	35.37 2.99 0.00	33.52 3.34 0.00	30.91 2.94 0.00	30.46 3.14 0.00	44.20 4.85 0.00	43.20 3.77 0.00	44.48 2.81 0.00	44.98 2.92 0.00	43.34 2.12 0.00	45.55 2.33 0.00	45.24 2.02 0.00	51.89 3.84 0.00	67.77 5.55 0.00	79.47 7.32 0.00	97.59 9.68 0.02	57.85 5.35 0.00	55.10 5.24 0.00	52.60 4.69 0.00	58.62 5.70 0.00	59.36 5.28 0.00	47.76 3.71 0.00	42.34 3.70 0.00
REVERE_CPPR_DRP 24186	39.96 1.61 0.00	36.12 1.42 0.00	33.70 1.32 0.00	31.42 1.24 0.00	29.12 1.14 0.00	28.45 1.13 0.00	40.99 1.64 0.00	41.01 1.58 0.00	43.22 1.55 0.00	43.54 1.48 0.00	42.75 1.53 0.00	45.10 1.88 0.00	45.12 1.91 0.00	50.11 2.06 0.00	64.31 2.10 0.00	74.33 2.19 0.00	90.50 2.57 0.00	54.18 1.68 0.00	51.75 1.89 0.00	49.79 1.89 0.00	55.12 2.20 0.00	56.33 2.26 0.00	45.72 1.67 0.00	39.98 1.34 0.00
REYNLDPA_13_KV_LD 356490	38.71 0.36 0.00	34.83 0.14 0.00	32.38 0.00 0.00	30.10 -0.07 0.00	27.94 -0.04 0.00	27.38 0.06 0.00	39.72 0.37 0.00	39.99 0.56 0.00	42.26 0.59 0.00	42.77 0.71 0.00	41.90 0.69 0.00	43.93 0.71 0.00	43.96 0.75 0.00	48.74 0.69 0.00	63.14 0.93 0.00	73.23 1.09 0.00	89.50 1.56 0.00	53.37 0.87 0.00	50.69 0.83 0.00	48.96 1.06 0.00	53.97 1.06 0.00	55.13 1.06 0.00	44.96 0.91 0.00	39.37 0.74 0.00
REYNOLDS_115KV_TB3 80639	4.97 0.26 33.65	35.00 0.31 0.00	32.86 0.48 0.00	30.71 0.53 0.00	28.44 0.46 0.00	27.70 0.38 0.00	39.67 0.32 0.00	39.67 0.24 0.00	41.86 0.20 0.00	42.13 0.08 0.00	41.21 -0.01 0.00	43.13 -0.09 0.00	43.16 -0.05 0.00	48.14 0.10 0.00	62.58 0.36 0.00	72.63 0.49 0.00	88.51 0.59 0.02	52.86 0.36 0.00	50.01 0.15 0.00	48.01 0.11 0.00	53.08 0.17 0.00	54.24 0.17 0.00	44.14 0.08 0.00	38.71 0.07 0.00
RIVERBAY____ 323610	48.52 2.96 -7.21	37.64 2.95 0.00	35.20 2.82 0.00	32.83 2.66 0.00	30.38 2.41 0.00	29.58 2.26 0.00	42.55 3.20 0.00	42.81 3.38 0.00	45.33 3.66 0.00	45.54 3.48 0.01	44.41 3.19 0.00	46.45 3.24 0.00	46.54 3.33 0.00	51.96 3.92 0.00	67.84 5.63 0.00	78.44 6.29 0.00	95.62 7.71 0.02	200.67 4.34 -143.84	53.96 3.76 -0.34	51.27 3.37 0.00	57.06 4.15 0.00	58.32 4.25 0.00	47.34 3.29 0.00	41.41 2.77 0.00
RIVERSDE_115KV_TB3 55908	18.06 0.19 20.48	34.95 0.25 0.00	32.82 0.44 0.00	30.65 0.48 0.00	28.38 0.40 0.00	27.66 0.34 0.00	39.61 0.26 0.00	39.61 0.19 0.00	41.81 0.14 0.00	42.07 0.01 0.00	41.15 -0.07 0.00	43.08 -0.14 0.00	43.12 -0.10 0.00	48.11 0.06 0.00	62.54 0.33 0.00	72.61 0.47 0.00	88.46 0.55 0.02	49.57 0.32 3.24	49.96 0.11 0.01	47.96 0.06 0.00	53.03 0.12 0.00	54.18 0.11 0.00	44.07 0.02 0.00	38.64 0.00 0.00
ROARING___BROOK_WT_PWR 323790	38.35 0.00 0.00	34.66 -0.03 0.00	32.32 -0.06 0.00	30.12 -0.06 0.00	27.92 -0.06 0.00	27.29 -0.03 0.00	39.35 0.00 0.00	39.46 0.03 0.00	41.69 0.02 0.00	42.10 0.04 0.00	41.26 0.04 0.00	43.25 0.03 0.00	43.26 0.04 0.00	48.06 0.01 0.00	62.28 0.06 0.00	72.19 0.05 0.00	88.05 0.12 0.00	52.58 0.08 0.00	49.96 0.10 0.00	48.03 0.12 0.00	53.03 0.12 0.00	54.18 0.11 0.00	44.14 0.09 0.00	38.71 0.07 0.00

ROCHESRG_115KV_T4 355643	38.01 -0.34 0.00	34.56 -0.14 0.00	32.06 -0.33 0.00	29.88 -0.30 0.00	27.74 -0.24 0.00	27.07 -0.25 0.00	38.75 -0.60 0.00	38.59 -0.84 0.00	41.01 -0.66 0.00	41.30 -0.77 0.00	40.68 -0.54 0.00	42.66 -0.56 0.00	42.43 -0.78 0.00	46.88 -1.17 0.00	60.17 -2.04 0.00	70.25 -1.90 0.00	85.54 -2.41 -0.02	50.94 -1.56 0.00	48.40 -1.46 0.00	46.65 -1.25 0.00	51.26 -1.66 0.00	52.46 -1.61 0.00	42.61 -1.45 0.00	37.59 -1.04 0.00
ROCHESTER_9_IC 23652	38.24 -0.11 0.00	34.75 0.06 0.00	32.24 -0.15 0.00	30.04 -0.14 0.00	27.89 -0.08 0.00	27.22 -0.10 0.00	38.98 -0.37 0.00	38.83 -0.60 0.00	41.29 -0.38 0.00	41.59 -0.48 0.00	40.96 -0.27 0.00	42.95 -0.27 0.00	42.71 -0.50 0.00	47.18 -0.86 0.00	60.57 -1.65 0.00	70.72 -1.42 0.00	86.14 -1.82 -0.02	51.28 -1.22 0.00	48.73 -1.13 0.00	46.97 -0.93 0.00	51.60 -1.31 0.00	52.80 -1.27 0.00	42.87 -1.18 0.00	37.81 -0.82 0.00
ROCKVIEW_13_KV_LD 356306	47.59 2.03 -7.21	36.72 2.02 0.00	34.34 1.96 0.00	32.04 1.86 0.00	29.61 1.64 0.00	28.83 1.51 0.00	41.48 2.13 0.00	41.67 2.24 0.00	44.08 2.41 0.00	44.41 2.35 0.01	43.46 2.25 0.00	45.55 2.33 0.00	45.66 2.45 0.00	51.01 2.96 0.00	66.48 4.27 0.00	76.97 4.83 0.00	93.91 6.00 0.02	199.61 3.28 -143.83	53.02 2.81 -0.34	50.38 2.47 0.00	55.88 2.97 0.00	57.12 3.05 0.00	46.37 2.32 0.00	40.57 1.94 0.00
ROME____115KV_TB2 80656	39.96 1.61 0.00	36.12 1.42 0.00	33.70 1.32 0.00	31.42 1.24 0.00	29.12 1.14 0.00	28.45 1.13 0.00	40.99 1.64 0.00	41.01 1.58 0.00	43.22 1.55 0.00	43.54 1.48 0.00	42.75 1.53 0.00	45.10 1.88 0.00	45.12 1.91 0.00	50.11 2.06 0.00	64.31 2.10 0.00	74.33 2.19 0.00	90.50 2.57 0.00	54.18 1.68 0.00	51.75 1.89 0.00	49.79 1.89 0.00	55.12 2.20 0.00	56.33 2.26 0.00	45.72 1.67 0.00	39.98 1.34 0.00
ROSETON___1 23587	47.01 1.50 -7.15	36.22 1.53 0.00	33.90 1.52 0.00	31.63 1.46 0.00	29.24 1.27 0.00	28.47 1.15 0.00	40.93 1.58 0.00	41.05 1.63 0.00	43.40 1.73 0.00	43.68 1.62 0.01	42.75 1.53 0.00	44.77 1.55 0.00	44.85 1.64 0.00	50.12 2.07 0.00	65.27 3.06 0.00	75.62 3.48 0.00	92.32 4.40 0.02	196.49 2.39 -141.60	52.21 2.01 -0.34	49.66 1.76 0.00	55.07 2.15 0.00	56.28 2.21 0.00	45.70 1.65 0.00	40.02 1.38 0.00
ROSETON___2 23588	47.01 1.50 -7.15	36.22 1.53 0.00	33.90 1.52 0.00	31.63 1.46 0.00	29.24 1.27 0.00	28.47 1.15 0.00	40.93 1.58 0.00	41.05 1.63 0.00	43.40 1.73 0.00	43.68 1.62 0.01	42.75 1.53 0.00	44.77 1.55 0.00	44.85 1.64 0.00	50.12 2.07 0.00	65.27 3.06 0.00	75.62 3.48 0.00	92.32 4.40 0.02	196.49 2.39 -141.60	52.21 2.01 -0.34	49.66 1.76 0.00	55.07 2.15 0.00	56.28 2.21 0.00	45.70 1.65 0.00	40.02 1.38 0.00
ROTRRDAM_115KV_TB3 80664	134.73 0.94 -95.44	35.54 0.84 0.00	33.21 0.83 0.00	31.05 0.87 0.00	28.76 0.79 0.00	28.03 0.71 0.00	40.26 0.91 0.00	40.22 0.79 0.00	42.46 0.79 0.00	42.80 0.75 0.00	41.79 0.57 0.00	43.74 0.52 0.00	43.75 0.54 0.00	48.84 0.80 0.00	63.63 1.42 0.00	73.81 1.67 0.00	89.76 1.84 0.02	53.56 1.06 0.00	50.74 0.88 0.00	48.70 0.80 0.00	53.89 0.98 0.00	55.08 1.02 0.00	44.82 0.77 0.00	39.31 0.67 0.00
RUSSELL___1 23602	38.46 0.10 0.00	34.92 0.23 0.00	32.39 0.00 0.00	30.18 0.00 0.00	28.02 0.05 0.00	27.35 0.03 0.00	39.17 -0.18 0.00	39.03 -0.40 0.00	41.51 -0.15 0.00	41.82 -0.24 0.00	41.19 -0.03 0.00	43.20 -0.02 0.00	42.96 -0.25 0.00	47.45 -0.60 0.00	60.92 -1.30 0.00	71.15 -0.99 0.00	86.62 -1.34 -0.02	51.57 -0.93 0.00	49.03 -0.83 0.00	47.27 -0.63 0.00	51.92 -1.00 0.00	53.13 -0.95 0.00	43.13 -0.93 0.00	38.01 -0.63 0.00
RUSSELL___2 23532	38.46 0.10 0.00	34.92 0.23 0.00	32.39 0.00 0.00	30.18 0.00 0.00	28.02 0.05 0.00	27.35 0.03 0.00	39.17 -0.18 0.00	39.03 -0.40 0.00	41.51 -0.15 0.00	41.82 -0.24 0.00	41.19 -0.03 0.00	43.20 -0.02 0.00	42.96 -0.25 0.00	47.45 -0.60 0.00	60.92 -1.30 0.00	71.15 -0.99 0.00	86.62 -1.34 -0.02	51.57 -0.93 0.00	49.03 -0.83 0.00	47.27 -0.63 0.00	51.92 -1.00 0.00	53.13 -0.95 0.00	43.13 -0.93 0.00	38.01 -0.63 0.00
RUSSELL___3 23549	38.46 0.10 0.00	34.92 0.23 0.00	32.39 0.00 0.00	30.18 0.00 0.00	28.02 0.05 0.00	27.35 0.03 0.00	39.17 -0.18 0.00	39.03 -0.40 0.00	41.51 -0.15 0.00	41.82 -0.24 0.00	41.19 -0.03 0.00	43.20 -0.02 0.00	42.96 -0.25 0.00	47.45 -0.60 0.00	60.92 -1.30 0.00	71.15 -0.99 0.00	86.62 -1.34 -0.02	51.57 -0.93 0.00	49.03 -0.83 0.00	47.27 -0.63 0.00	51.92 -1.00 0.00	53.13 -0.95 0.00	43.13 -0.93 0.00	38.01 -0.63 0.00
RUSSELL___4 23556	38.46 0.10 0.00	34.92 0.23 0.00	32.39 0.00 0.00	30.18 0.00 0.00	28.02 0.05 0.00	27.35 0.03 0.00	39.17 -0.18 0.00	39.03 -0.40 0.00	41.51 -0.15 0.00	41.82 -0.24 0.00	41.19 -0.03 0.00	43.20 -0.02 0.00	42.96 -0.25 0.00	47.45 -0.60 0.00	60.92 -1.30 0.00	71.15 -0.99 0.00	86.62 -1.34 -0.02	51.57 -0.93 0.00	49.03 -0.83 0.00	47.27 -0.63 0.00	51.92 -1.00 0.00	53.13 -0.95 0.00	43.13 -0.93 0.00	38.01 -0.63 0.00
RUSSELL___STATION 23914	38.46 0.10 0.00	34.92 0.23 0.00	32.39 0.00 0.00	30.18 0.00 0.00	28.02 0.05 0.00	27.35 0.03 0.00	39.17 -0.18 0.00	39.03 -0.40 0.00	41.51 -0.15 0.00	41.82 -0.24 0.00	41.19 -0.03 0.00	43.20 -0.02 0.00	42.96 -0.25 0.00	47.45 -0.60 0.00	60.92 -1.30 0.00	71.15 -0.99 0.00	86.62 -1.34 -0.02	51.57 -0.93 0.00	49.03 -0.83 0.00	47.27 -0.63 0.00	51.92 -1.00 0.00	53.13 -0.95 0.00	43.13 -0.93 0.00	38.01 -0.63 0.00
S SALMON___HYD 24043	38.50 0.15 0.00	34.91 0.21 0.00	32.53 0.15 0.00	30.33 0.16 0.00	28.13 0.15 0.00	27.42 0.10 0.00	39.28 -0.07 0.00	39.20 -0.23 0.00	41.38 -0.29 0.00	41.73 -0.37 -0.04	41.13 -0.09 0.00	43.31 0.09 0.00	43.31 0.10 0.00	47.95 -0.09 0.00	61.50 -0.71 0.00	71.00 -1.15 0.00	86.35 -1.72 -0.14	51.73 -0.77 0.00	49.44 -0.42 0.00	47.83 -0.07 0.00	52.93 0.01 0.00	54.21 0.14 0.00	44.02 -0.03 0.00	38.55 -0.09 0.00
S.PERRY___115KV_TB1 80734	39.55 1.20 0.00	35.95 1.26 0.00	33.34 0.95 0.00	31.09 0.91 0.00	28.86 0.88 0.00	28.25 0.93 0.00	40.55 1.20 0.00	40.46 1.03 0.00	43.00 1.34 0.00	43.18 1.12 0.00	42.39 1.17 0.00	44.24 1.02 0.00	43.90 0.68 0.00	48.43 0.39 0.00	62.10 -0.12 0.00	72.32 0.17 0.00	87.95 0.01 0.00	55.59 -0.17 -3.26	50.22 0.35 -0.01	48.60 0.69 0.00	53.55 0.64 0.00	54.88 0.81 0.00	44.51 0.45 0.00	39.15 0.52 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.91 -0.44 0.00	34.53 -0.17 0.00	31.94 -0.45 0.00	29.76 -0.41 0.00	27.63 -0.34 0.00	26.97 -0.35 0.00	38.52 -0.82 0.00	38.17 -1.26 0.00	40.63 -1.03 0.00	40.85 -1.21 0.00	40.37 -0.85 0.00	42.38 -0.84 0.00	42.14 -1.08 0.00	46.44 -1.61 0.00	59.34 -2.88 0.00	69.45 -2.69 0.00	84.37 -3.56 0.00	50.03 -2.47 0.00	47.62 -2.25 0.00	45.95 -1.95 0.00	50.29 -2.63 0.00	51.56 -2.51 0.00	41.94 -2.12 0.00	37.18 -1.46 0.00

SAWYER___23_KV_LOAD 55526	37.91 -0.44 0.00	34.53 -0.17 0.00	31.94 -0.45 0.00	29.76 -0.41 0.00	27.63 -0.34 0.00	26.97 -0.35 0.00	38.52 -0.82 0.00	38.17 -1.26 0.00	40.63 -1.03 0.00	40.85 -1.21 0.00	40.37 -0.85 0.00	42.38 -0.84 0.00	42.14 -1.08 0.00	46.44 -1.61 0.00	59.34 -2.88 0.00	69.45 -2.69 0.00	84.37 -3.56 0.00	50.03 -2.47 0.00	47.62 -2.25 0.00	45.95 -1.95 0.00	50.29 -2.63 0.00	51.56 -2.51 0.00	41.94 -2.12 0.00	37.18 -1.46 0.00
SELKIRK___I 23801	33.14 0.35 5.56	35.11 0.42 0.00	32.98 0.60 0.00	30.81 0.63 0.00	28.54 0.56 0.00	27.82 0.50 0.00	39.87 0.52 0.00	39.85 0.42 0.00	42.01 0.35 0.00	42.19 0.13 0.00	41.16 -0.06 0.00	43.05 -0.17 0.00	43.08 -0.13 0.00	48.01 -0.04 0.00	62.54 0.33 0.00	72.81 0.66 0.00	88.74 0.82 0.02	53.02 0.52 0.00	50.17 0.31 0.00	48.20 0.30 0.00	53.31 0.40 0.00	54.48 0.41 0.00	44.35 0.30 0.00	38.91 0.27 0.00
SELKIRK___II 23799	30.32 0.01 8.05	34.90 0.20 0.00	32.81 0.42 0.00	30.64 0.47 0.00	28.38 0.40 0.00	27.66 0.34 0.00	39.65 0.29 0.00	39.68 0.25 0.00	41.86 0.19 0.00	42.11 0.06 0.00	41.19 -0.02 0.00	43.13 -0.09 0.00	43.18 -0.04 0.00	48.15 0.10 0.00	62.56 0.34 0.00	72.63 0.48 0.00	88.55 0.63 0.02	47.35 0.37 5.52	50.04 0.19 0.01	48.05 0.15 0.00	53.12 0.21 0.00	54.28 0.20 0.00	44.17 0.12 0.00	38.72 0.08 0.00
SENECA OSWGO___HYD 24041	37.66 -0.69 0.00	34.21 -0.49 0.00	31.88 -0.50 0.00	29.73 -0.45 0.00	27.58 -0.39 0.00	26.92 -0.41 0.00	38.51 -0.84 0.00	38.45 -0.98 0.00	40.68 -0.99 0.00	41.10 -1.02 -0.06	40.32 -0.90 0.00	42.37 -0.85 0.00	42.30 -0.91 0.00	46.96 -1.08 0.00	60.49 -1.72 0.00	70.11 -2.03 0.00	85.62 -2.52 -0.21	51.11 -1.39 0.00	48.65 -1.21 0.00	46.80 -1.10 0.00	51.66 -1.25 0.00	52.80 -1.27 0.00	42.91 -1.14 0.00	37.67 -0.97 0.00
SENECA___115KV_TB3 355854	38.39 0.04 0.00	34.96 0.27 0.00	32.35 -0.03 0.00	30.15 -0.03 0.00	27.99 0.01 0.00	27.34 0.02 0.00	39.09 -0.26 0.00	38.80 -0.62 0.00	41.28 -0.39 0.00	41.49 -0.57 0.00	41.01 -0.20 0.00	43.03 -0.19 0.00	42.80 -0.42 0.00	47.24 -0.81 0.00	60.34 -1.87 0.00	70.57 -1.57 0.00	85.69 -2.24 0.00	53.89 -1.70 -3.09	48.38 -1.49 -0.01	46.66 -1.24 0.00	51.09 -1.83 0.00	52.36 -1.71 0.00	42.56 -1.49 0.00	37.68 -0.95 0.00
SENECA___ENERGY 23797	38.17 -0.18 0.00	34.72 0.02 0.00	32.28 -0.10 0.00	30.10 -0.08 0.00	27.97 -0.01 0.00	27.30 -0.02 0.00	39.15 -0.20 0.00	39.11 -0.32 0.00	41.38 -0.28 0.00	41.71 -0.37 -0.03	41.01 -0.21 0.00	43.03 -0.19 0.00	42.83 -0.39 0.00	47.45 -0.60 0.00	61.06 -1.15 0.00	70.85 -1.29 0.00	86.51 -1.52 -0.10	51.59 -0.91 0.00	49.09 -0.77 0.00	47.20 -0.70 0.00	52.02 -0.89 0.00	53.15 -0.92 0.00	43.24 -0.81 0.00	38.02 -0.61 0.00
SHOEMAKER___GT 23640	46.26 1.34 -6.57	36.04 1.35 0.00	33.72 1.33 0.00	31.46 1.28 0.00	29.09 1.11 0.00	28.33 1.01 0.00	40.74 1.39 0.00	40.83 1.40 0.00	43.11 1.44 0.00	43.39 1.34 0.01	42.47 1.25 0.00	44.43 1.21 0.00	44.50 1.29 0.00	49.67 1.63 0.00	64.70 2.49 0.00	75.12 2.97 0.00	91.73 3.82 0.03	177.22 2.00 -122.71	51.85 1.70 -0.29	49.39 1.49 0.00	54.78 1.87 0.00	55.98 1.91 0.00	45.51 1.46 0.00	39.86 1.22 0.00
SHOEMAKR_138KV_BK 111 55601	46.18 1.32 -6.51	36.02 1.33 0.00	33.71 1.32 0.00	31.46 1.28 0.00	29.08 1.11 0.00	28.32 1.00 0.00	40.73 1.37 0.00	40.83 1.40 0.00	43.11 1.45 0.00	43.40 1.34 0.01	42.48 1.26 0.00	44.47 1.26 0.00	44.56 1.34 0.00	49.76 1.71 0.00	64.80 2.58 0.00	75.16 3.01 0.00	91.75 3.83 0.03	175.45 2.02 -120.93	51.86 1.72 -0.29	49.41 1.51 0.00	54.79 1.88 0.00	55.98 1.91 0.00	45.49 1.44 0.00	39.84 1.21 0.00
SHOREHAM_IC_1 23715	53.20 2.38 -12.46	40.97 2.22 -4.06	38.12 2.04 -3.69	32.69 2.27 -0.24	29.68 2.01 0.31	27.45 1.92 1.79	43.78 2.38 -2.04	44.57 2.59 -2.55	47.18 2.82 -2.69	49.67 2.54 -5.07	45.42 2.11 -2.09	45.89 1.91 -0.76	46.61 1.80 -1.60	51.81 2.21 -1.56	67.66 3.09 -2.35	75.51 3.10 -0.27	91.95 3.93 -0.08	215.95 2.17 -161.28	70.64 2.39 -18.39	54.52 2.26 -4.36	60.80 2.85 -5.04	60.73 2.95 -3.72	45.77 2.30 0.58	42.51 1.90 -1.97
SHOREHAM_IC_2 23716	53.20 2.38 -12.46	40.97 2.22 -4.06	38.12 2.04 -3.69	32.69 2.27 -0.24	29.68 2.01 0.31	27.46 1.92 1.79	43.78 2.38 -2.04	44.57 2.58 -2.55	47.18 2.82 -2.69	49.68 2.55 -5.07	45.42 2.11 -2.09	45.90 1.92 -0.76	46.61 1.80 -1.60	51.82 2.21 -1.56	67.66 3.09 -2.35	75.51 3.10 -0.27	91.95 3.93 -0.08	215.94 2.16 -161.28	70.64 2.39 -18.39	54.52 2.26 -4.36	60.80 2.85 -5.04	60.74 2.96 -3.72	45.79 2.31 0.58	42.51 1.91 -1.97
SISSONVILLE____ 23735	38.08 -0.28 0.00	34.19 -0.50 0.00	31.75 -0.63 0.00	29.51 -0.67 0.00	27.38 -0.60 0.00	26.69 -0.63 0.00	38.89 -0.46 0.00	39.12 -0.31 0.00	41.10 -0.57 0.00	41.57 -0.49 0.00	41.13 -0.09 0.00	43.26 0.04 0.00	43.44 0.23 0.00	47.99 -0.06 0.00	62.20 -0.02 0.00	71.75 -0.39 0.00	87.73 -0.20 0.00	52.39 -0.11 0.00	50.13 0.27 0.00	48.54 0.63 0.00	53.55 0.64 0.00	54.83 0.76 0.00	44.79 0.74 0.00	39.12 0.49 0.00
SITHE_IND_GS1 24169	37.31 -1.04 0.00	33.91 -0.79 0.00	31.62 -0.76 0.00	29.49 -0.68 0.00	27.36 -0.62 0.00	26.67 -0.64 0.00	38.14 -1.21 0.00	38.05 -1.37 0.00	40.24 -1.43 0.00	40.44 -1.47 0.15	39.84 -1.38 0.00	41.87 -1.35 0.00	41.82 -1.39 0.00	46.41 -1.64 0.00	59.86 -2.36 0.00	69.41 -2.73 0.00	83.95 -3.40 0.58	50.61 -1.89 0.00	48.12 -1.74 0.00	46.26 -1.64 0.00	51.05 -1.86 0.00	52.17 -1.90 0.00	42.46 -1.59 0.00	37.32 -1.32 0.00
SITHE_IND_GS2 24170	37.31 -1.04 0.00	33.91 -0.79 0.00	31.62 -0.76 0.00	29.49 -0.68 0.00	27.36 -0.62 0.00	26.67 -0.64 0.00	38.14 -1.21 0.00	38.05 -1.37 0.00	40.24 -1.43 0.00	40.44 -1.47 0.15	39.84 -1.38 0.00	41.87 -1.35 0.00	41.82 -1.39 0.00	46.41 -1.64 0.00	59.86 -2.36 0.00	69.41 -2.73 0.00	83.95 -3.40 0.58	50.61 -1.89 0.00	48.12 -1.74 0.00	46.26 -1.64 0.00	51.05 -1.86 0.00	52.17 -1.90 0.00	42.46 -1.59 0.00	37.32 -1.32 0.00
SITHE_IND_GS3 24171	37.31 -1.04 0.00	33.91 -0.79 0.00	31.62 -0.76 0.00	29.49 -0.68 0.00	27.36 -0.62 0.00	26.67 -0.64 0.00	38.14 -1.21 0.00	38.05 -1.37 0.00	40.24 -1.43 0.00	40.44 -1.47 0.15	39.84 -1.38 0.00	41.87 -1.35 0.00	41.82 -1.39 0.00	46.41 -1.64 0.00	59.86 -2.36 0.00	69.41 -2.73 0.00	83.95 -3.40 0.58	50.61 -1.89 0.00	48.12 -1.74 0.00	46.26 -1.64 0.00	51.05 -1.86 0.00	52.17 -1.90 0.00	42.46 -1.59 0.00	37.32 -1.32 0.00
SITHE_IND_GS4 24172	37.31 -1.04 0.00	33.91 -0.79 0.00	31.62 -0.76 0.00	29.49 -0.68 0.00	27.36 -0.62 0.00	26.67 -0.64 0.00	38.14 -1.21 0.00	38.05 -1.37 0.00	40.24 -1.43 0.00	40.44 -1.47 0.15	39.84 -1.38 0.00	41.87 -1.35 0.00	41.82 -1.39 0.00	46.41 -1.64 0.00	59.86 -2.36 0.00	69.41 -2.73 0.00	83.95 -3.40 0.58	50.61 -1.89 0.00	48.12 -1.74 0.00	46.26 -1.64 0.00	51.05 -1.86 0.00	52.17 -1.90 0.00	42.46 -1.59 0.00	37.32 -1.32 0.00

SITHE___BATAVIA 24024	39.03 0.67 0.00	35.46 0.77 0.00	32.82 0.43 0.00	30.57 0.39 0.00	28.40 0.42 0.00	27.74 0.42 0.00	39.74 0.39 0.00	39.50 0.07 0.00	42.08 0.41 0.00	42.37 0.31 0.00	41.75 0.53 0.00	43.68 0.46 0.00	43.22 0.01 0.00	47.64 -0.41 0.00	60.99 -1.23 0.00	71.44 -0.70 0.00	86.76 -1.18 0.00	51.66 -0.84 0.00	49.09 -0.77 0.00	47.45 -0.45 0.00	51.99 -0.92 0.00	53.30 -0.77 0.00	43.26 -0.79 0.00	38.23 -0.40 0.00
SITHE___INDEPEND 23800	37.31 -1.04 0.00	33.91 -0.79 0.00	31.62 -0.76 0.00	29.49 -0.68 0.00	27.36 -0.62 0.00	26.67 -0.64 0.00	38.14 -1.21 0.00	38.05 -1.37 0.00	40.24 -1.43 0.00	40.43 -1.48 0.15	39.84 -1.38 0.00	41.87 -1.35 0.00	41.82 -1.39 0.00	46.41 -1.64 0.00	59.86 -2.36 0.00	69.41 -2.73 0.00	83.95 -3.40 0.58	50.60 -1.90 0.00	48.12 -1.74 0.00	46.26 -1.64 0.00	51.05 -1.86 0.00	52.17 -1.90 0.00	42.46 -1.59 0.00	37.32 -1.32 0.00
SITHE___MASSENA 23902	38.66 0.31 0.00	34.78 0.08 0.00	32.32 -0.06 0.00	30.05 -0.13 0.00	27.88 -0.09 0.00	27.33 0.00 0.00	39.71 0.36 0.00	39.96 0.53 0.00	42.15 0.48 0.00	42.71 0.65 0.00	41.83 0.61 0.00	43.84 0.63 0.00	43.91 0.69 0.00	48.58 0.53 0.00	63.03 0.81 0.00	72.94 0.80 0.00	89.14 1.21 0.00	53.18 0.68 0.00	50.74 0.88 0.00	48.90 1.00 0.00	53.91 1.00 0.00	55.14 1.07 0.00	44.98 0.93 0.00	39.34 0.70 0.00
SITHE___OGDNSBRG 24021	39.35 1.00 0.00	35.32 0.62 0.00	32.79 0.41 0.00	30.46 0.28 0.00	28.27 0.30 0.00	27.72 0.40 0.00	40.40 1.05 0.00	40.57 1.14 0.00	42.56 0.89 0.00	42.88 0.82 0.00	41.87 0.65 0.00	43.88 0.66 0.00	44.22 1.00 0.00	48.76 0.71 0.00	63.26 1.04 0.00	72.83 0.68 0.00	89.09 1.16 0.00	53.24 0.74 0.00	51.02 1.16 0.00	49.67 1.76 0.00	54.81 1.90 0.00	56.09 2.02 0.00	45.70 1.65 0.00	39.88 1.25 0.00
SITHE___STERLING 23777	39.53 1.18 0.00	35.79 1.09 0.00	33.37 0.99 0.00	31.13 0.95 0.00	28.85 0.87 0.00	28.19 0.87 0.00	40.52 1.17 0.00	40.57 1.14 0.00	42.81 1.14 0.00	43.12 1.05 0.00	42.32 1.10 0.00	44.58 1.36 0.00	44.60 1.38 0.00	49.54 1.49 0.00	63.66 1.45 0.00	73.72 1.58 0.00	89.70 1.76 0.00	53.67 1.17 0.00	51.21 1.35 0.00	49.18 1.28 0.00	54.47 1.55 0.00	55.68 1.61 0.00	45.20 1.15 0.00	39.55 0.92 0.00
SLEIGHT__34_KV_TB1 80719	38.05 -0.30 0.00	34.55 -0.15 0.00	32.07 -0.32 0.00	29.89 -0.29 0.00	27.79 -0.19 0.00	27.11 -0.21 0.00	38.91 -0.44 0.00	38.83 -0.60 0.00	41.22 -0.44 0.00	41.55 -0.52 -0.01	40.84 -0.37 0.00	42.88 -0.34 0.00	42.64 -0.57 0.00	47.09 -0.95 0.00	60.55 -1.66 0.00	70.56 -1.58 0.00	86.05 -1.93 -0.05	51.31 -1.19 0.00	48.78 -1.08 0.00	46.98 -0.92 0.00	51.68 -1.23 0.00	52.85 -1.22 0.00	42.95 -1.10 0.00	37.78 -0.86 0.00
SMITHTWN_69_KV_BK 1 55830	53.61 2.53 -12.73	41.45 2.53 -4.23	38.57 2.34 -3.85	32.81 2.38 -0.25	29.87 2.19 0.28	27.72 2.06 1.66	44.08 2.57 -2.15	44.86 2.77 -2.66	47.46 2.99 -2.80	50.07 2.76 -5.25	45.80 2.39 -2.20	46.35 2.30 -0.83	47.13 2.25 -1.67	52.49 2.80 -1.64	68.48 3.82 -2.45	76.35 3.93 -0.28	92.94 4.92 -0.09	216.71 2.78 -161.43	71.13 2.76 -18.51	55.14 2.48 -4.76	61.77 3.13 -5.72	62.57 3.09 -5.42	46.15 2.57 0.47	42.84 2.15 -2.05
SOUTH CAIRO___GT 23612	34.23 1.77 5.88	36.32 1.62 0.00	34.05 1.67 0.00	31.76 1.59 0.00	29.43 1.45 0.00	28.71 1.39 0.00	41.18 1.83 0.00	41.21 1.78 0.00	43.44 1.77 0.00	43.49 1.44 0.01	42.15 0.93 0.00	43.92 0.70 0.00	43.97 0.76 0.00	49.22 1.17 0.00	64.34 2.13 0.00	75.92 3.77 0.00	93.00 5.08 0.02	80.92 3.06 -25.36	52.16 2.24 -0.06	50.05 2.15 0.00	55.35 2.44 0.00	56.56 2.49 0.00	45.92 1.86 0.00	40.14 1.51 0.00
SOUTH HAMPTN___IC 23720	53.26 2.53 -12.38	41.04 2.34 -4.00	38.19 2.17 -3.64	32.90 2.49 -0.24	30.05 2.39 0.31	27.80 2.31 1.83	44.28 2.91 -2.01	45.24 3.29 -2.52	48.10 3.78 -2.65	50.68 3.61 -5.02	46.50 3.22 -2.05	47.02 3.06 -0.73	47.51 2.72 -1.57	52.48 2.90 -1.54	68.39 3.86 -2.32	76.75 4.34 -0.27	93.36 5.35 -0.08	216.48 2.74 -161.24	71.20 2.97 -18.36	55.06 2.86 -4.30	61.43 3.57 -4.95	61.26 3.63 -3.56	46.33 2.89 0.61	42.81 2.23 -1.94
SOUTHDOW_115KV_TB1 355954	39.66 1.31 0.00	36.15 1.45 0.00	33.49 1.11 0.00	31.27 1.09 0.00	29.02 1.05 0.00	28.44 1.13 0.00	40.82 1.47 0.00	40.80 1.38 0.00	43.31 1.64 0.00	43.47 1.42 0.00	43.01 1.79 0.00	45.05 1.83 0.00	44.78 1.56 0.00	49.68 1.63 0.00	63.41 1.19 0.00	73.73 1.59 0.00	89.34 1.42 0.02	56.19 0.31 -3.39	50.34 0.47 -0.01	48.42 0.51 0.00	53.10 0.19 0.00	54.45 0.37 0.00	44.17 0.11 0.00	38.90 0.26 0.00
SOUTHOLD_69_KV_BK 2 55809	53.04 2.30 -12.38	40.81 2.11 -4.01	37.99 1.96 -3.64	32.86 2.45 -0.24	30.21 2.55 0.31	27.98 2.48 1.83	44.46 3.10 -2.01	45.62 3.67 -2.52	48.74 4.41 -2.66	51.40 4.31 -5.02	47.22 3.95 -2.06	47.74 3.78 -0.73	48.00 3.21 -1.57	52.60 3.01 -1.54	68.35 3.82 -2.32	77.04 4.63 -0.27	93.58 5.57 -0.08	215.74 2.00 -161.24	70.96 2.73 -18.37	55.16 2.96 -4.30	61.57 3.71 -4.95	61.43 3.80 -3.57	46.51 3.07 0.61	42.73 2.16 -1.94
SOUTHOLD___IC 23719	53.04 2.30 -12.38	40.81 2.10 -4.01	37.99 1.96 -3.64	32.86 2.45 -0.24	30.21 2.55 0.31	27.97 2.48 1.83	44.47 3.10 -2.01	45.62 3.67 -2.52	48.74 4.41 -2.66	51.39 4.31 -5.02	47.22 3.95 -2.06	47.73 3.77 -0.73	47.99 3.21 -1.57	52.60 3.01 -1.54	68.35 3.82 -2.32	77.04 4.63 -0.27	93.58 5.56 -0.08	215.77 2.03 -161.24	70.95 2.73 -18.37	55.15 2.96 -4.30	61.57 3.70 -4.95	61.42 3.79 -3.57	46.49 3.05 0.61	42.73 2.16 -1.94
SOUTH_FORK_WT_PWR 323839	52.51 1.78 -12.38	40.32 1.62 -4.01	37.57 1.54 -3.64	32.59 2.18 -0.24	30.13 2.48 0.31	27.92 2.42 1.83	44.29 2.93 -2.01	45.63 3.68 -2.52	48.93 4.60 -2.66	51.61 4.53 -5.02	47.45 4.18 -2.06	47.92 3.97 -0.73	47.96 3.17 -1.57	52.17 2.58 -1.54	67.64 3.11 -2.32	76.49 4.08 -0.27	92.73 4.72 -0.08	215.59 1.85 -161.24	70.62 2.39 -18.36	54.67 2.47 -4.30	61.11 3.25 -4.95	60.97 3.34 -3.56	46.18 2.74 0.61	42.30 1.73 -1.94
SPIERFLS_115KV_TB 1 80737	221.27 2.48 -180.44	36.96 2.26 0.00	34.47 2.09 0.00	32.27 2.10 0.00	29.88 1.90 0.00	29.21 1.89 0.00	41.80 2.45 0.00	41.14 1.71 0.00	43.24 1.57 0.00	43.62 1.57 0.00	42.43 1.21 0.00	44.33 1.11 0.00	44.23 1.01 0.00	49.82 1.77 0.00	65.01 2.80 0.00	75.58 3.44 0.00	91.30 3.38 0.02	54.43 1.93 0.00	51.43 1.57 0.00	49.28 1.38 0.00	54.59 1.67 0.00	56.03 1.96 0.00	45.43 1.37 0.00	40.06 1.42 0.00
ST LAWRENCE____ 23600	38.29 -0.06 0.00	34.45 -0.24 0.00	32.04 -0.34 0.00	29.79 -0.38 0.00	27.65 -0.32 0.00	27.09 -0.23 0.00	39.28 -0.07 0.00	39.54 0.11 0.00	41.79 0.13 0.00	42.30 0.24 0.00	41.43 0.21 0.00	43.44 0.23 0.00	43.46 0.25 0.00	48.20 0.16 0.00	62.45 0.23 0.00	72.45 0.30 0.00	88.53 0.59 0.00	52.87 0.38 0.00	50.27 0.41 0.00	48.39 0.49 0.00	53.35 0.44 0.00	54.50 0.43 0.00	44.47 0.42 0.00	38.94 0.30 0.00

STATE_CA_115KV_115_LB 55624	39.83 0.29 -1.19	35.05 0.35 0.00	32.90 0.52 0.00	30.72 0.54 0.00	28.45 0.48 0.00	27.74 0.41 0.00	39.73 0.38 0.00	39.87 0.44 0.00	43.30 1.63 0.00	43.76 1.71 0.00	42.75 1.54 0.00	44.79 1.57 0.00	44.83 1.61 0.00	50.13 2.08 0.00	65.34 3.13 0.00	75.21 3.07 0.00	88.86 0.95 0.02	49.65 0.54 3.39	50.13 0.28 0.01	48.15 0.25 0.00	53.22 0.31 0.00	54.37 0.30 0.00	44.21 0.16 0.00	38.74 0.11 0.00
STATE_ST_34_KV_LOAD 55959	38.54 0.18 0.00	34.92 0.23 0.00	32.48 0.10 0.00	30.31 0.13 0.00	28.24 0.26 0.00	27.48 0.16 0.00	39.48 0.13 0.00	39.45 0.02 0.00	41.72 0.05 0.00	42.11 0.02 -0.03	41.23 0.01 0.00	43.41 0.19 0.00	43.26 0.05 0.00	47.89 -0.16 0.00	61.70 -0.52 0.00	71.53 -0.61 0.00	87.23 -0.82 -0.11	52.18 -0.32 0.00	49.53 -0.33 0.00	47.62 -0.28 0.00	52.56 -0.36 0.00	53.73 -0.34 0.00	43.81 -0.23 0.00	38.48 -0.15 0.00
STATION_5_MISC_HYD 23604	38.25 -0.10 0.00	34.76 0.06 0.00	32.23 -0.15 0.00	30.04 -0.14 0.00	27.89 -0.08 0.00	27.22 -0.10 0.00	38.98 -0.36 0.00	38.83 -0.60 0.00	41.29 -0.38 0.00	41.60 -0.47 0.00	40.96 -0.25 0.00	42.95 -0.27 0.00	42.71 -0.50 0.00	47.18 -0.86 0.00	60.58 -1.64 0.00	70.72 -1.42 0.00	86.15 -1.81 -0.02	51.28 -1.22 0.00	48.73 -1.13 0.00	46.98 -0.92 0.00	51.60 -1.31 0.00	52.80 -1.27 0.00	42.87 -1.18 0.00	37.81 -0.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.21 -0.15 0.00	34.73 0.03 0.00	32.25 -0.13 0.00	30.07 -0.11 0.00	27.92 -0.06 0.00	27.26 -0.06 0.00	39.08 -0.27 0.00	38.99 -0.44 0.00	41.36 -0.30 0.00	41.65 -0.42 -0.01	41.00 -0.21 0.00	43.01 -0.21 0.00	42.79 -0.42 0.00	47.33 -0.72 0.00	60.84 -1.38 0.00	70.80 -1.34 0.00	86.32 -1.66 -0.04	51.45 -1.05 0.00	48.96 -0.90 0.00	47.13 -0.77 0.00	51.85 -1.06 0.00	53.03 -1.04 0.00	43.07 -0.98 0.00	37.92 -0.71 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.03 -0.32 0.00	34.55 -0.15 0.00	32.05 -0.33 0.00	29.86 -0.32 0.00	27.74 -0.24 0.00	27.06 -0.26 0.00	38.77 -0.58 0.00	38.63 -0.79 0.00	41.08 -0.59 0.00	41.38 -0.69 -0.01	40.76 -0.46 0.00	42.74 -0.48 0.00	42.52 -0.70 0.00	46.98 -1.07 0.00	60.32 -1.89 0.00	70.42 -1.72 0.00	85.79 -2.16 -0.02	51.11 -1.39 0.00	48.54 -1.33 0.00	46.78 -1.12 0.00	51.39 -1.53 0.00	52.57 -1.49 0.00	42.69 -1.37 0.00	37.63 -1.01 0.00
STA_56___34_KV_BUS2 355983	38.03 -0.32 0.00	34.55 -0.15 0.00	32.05 -0.33 0.00	29.86 -0.32 0.00	27.74 -0.24 0.00	27.06 -0.26 0.00	38.77 -0.58 0.00	38.63 -0.79 0.00	41.08 -0.59 0.00	41.38 -0.69 -0.01	40.76 -0.46 0.00	42.74 -0.48 0.00	42.52 -0.70 0.00	46.98 -1.07 0.00	60.32 -1.89 0.00	70.42 -1.72 0.00	85.79 -2.16 -0.02	51.11 -1.39 0.00	48.54 -1.33 0.00	46.78 -1.12 0.00	51.39 -1.53 0.00	52.57 -1.49 0.00	42.69 -1.37 0.00	37.63 -1.01 0.00
STA_67___115KV_BK2 355882	38.16 -0.19 0.00	34.67 -0.03 0.00	32.16 -0.22 0.00	29.97 -0.21 0.00	27.83 -0.15 0.00	27.16 -0.16 0.00	38.89 -0.46 0.00	38.74 -0.68 0.00	41.18 -0.49 0.00	41.48 -0.59 0.00	40.84 -0.38 0.00	42.84 -0.38 0.00	42.60 -0.62 0.00	47.06 -0.99 0.00	60.42 -1.79 0.00	70.53 -1.61 0.00	85.89 -2.06 -0.02	51.14 -1.36 0.00	48.60 -1.27 0.00	46.84 -1.06 0.00	51.46 -1.45 0.00	52.67 -1.40 0.00	42.78 -1.27 0.00	37.72 -0.91 0.00
STA_7___115KV_9TRANS 80674	38.46 0.10 0.00	34.92 0.23 0.00	32.39 0.00 0.00	30.18 0.00 0.00	28.02 0.05 0.00	27.35 0.03 0.00	39.17 -0.18 0.00	39.03 -0.40 0.00	41.51 -0.15 0.00	41.82 -0.24 0.00	41.19 -0.03 0.00	43.20 -0.02 0.00	42.96 -0.25 0.00	47.45 -0.60 0.00	60.92 -1.30 0.00	71.15 -0.99 0.00	86.62 -1.34 -0.02	51.57 -0.93 0.00	49.03 -0.83 0.00	47.27 -0.63 0.00	51.92 -1.00 0.00	53.13 -0.95 0.00	43.13 -0.93 0.00	38.01 -0.63 0.00
STA_82___115KV_TB1 80780	38.16 -0.19 0.00	34.68 -0.02 0.00	32.17 -0.21 0.00	29.98 -0.20 0.00	27.84 -0.13 0.00	27.17 -0.15 0.00	38.90 -0.45 0.00	38.75 -0.68 0.00	41.20 -0.47 0.00	41.50 -0.57 -0.01	40.87 -0.35 0.00	42.86 -0.36 0.00	42.62 -0.60 0.00	47.07 -0.98 0.00	60.42 -1.79 0.00	70.55 -1.59 0.00	85.91 -2.05 -0.02	51.17 -1.33 0.00	48.62 -1.24 0.00	46.87 -1.03 0.00	51.48 -1.43 0.00	52.69 -1.39 0.00	42.78 -1.27 0.00	37.74 -0.90 0.00
STEEL___WIND 323596	38.36 0.00 0.00	34.94 0.24 0.00	32.32 -0.06 0.00	30.12 -0.05 0.00	27.96 -0.01 0.00	27.31 -0.01 0.00	39.05 -0.30 0.00	38.77 -0.66 0.00	41.23 -0.43 0.00	41.47 -0.59 0.00	40.97 -0.25 0.00	42.98 -0.23 0.00	42.74 -0.47 0.00	47.16 -0.89 0.00	60.28 -1.94 0.00	70.47 -1.67 0.00	85.57 -2.37 0.00	53.82 -1.77 -3.09	48.33 -1.54 -0.01	46.60 -1.30 0.00	51.03 -1.89 0.00	52.29 -1.78 0.00	42.50 -1.56 0.00	37.65 -0.98 0.00
STEPHTWN_115KV_BK_2 55603	18.60 0.42 20.16	35.15 0.45 0.00	32.92 0.54 0.00	30.80 0.62 0.00	28.53 0.56 0.00	27.89 0.57 0.00	40.00 0.65 0.00	40.06 0.64 0.00	42.24 0.57 0.00	42.52 0.46 0.00	41.50 0.28 0.00	43.38 0.15 0.00	43.52 0.30 0.00	48.70 0.65 0.00	63.31 1.09 0.00	73.60 1.45 0.00	89.70 1.78 0.02	49.72 0.96 3.74	50.57 0.72 0.01	48.53 0.63 0.00	53.59 0.67 0.00	54.69 0.62 0.00	44.50 0.45 0.00	38.94 0.31 0.00
STEUBEN_REC_LFGE 323667	40.88 0.75 -1.79	35.68 0.99 0.00	33.12 0.73 0.00	30.94 0.77 0.00	28.69 0.72 0.00	28.12 0.79 0.00	40.34 0.99 0.00	40.27 0.84 0.00	42.71 1.04 0.00	42.83 0.77 0.01	42.27 1.05 0.00	44.08 0.86 0.00	43.87 0.66 0.00	48.51 0.46 0.00	62.21 0.00 0.00	72.21 0.07 0.00	87.66 -0.24 0.04	56.35 -0.45 -4.30	49.94 0.07 -0.01	48.15 0.25 0.00	52.95 0.04 0.00	54.23 0.16 0.00	44.06 0.01 0.00	38.79 0.16 0.00
STILLWATER___SOLAR 323814	263.36 1.95 -223.07	36.43 1.73 0.00	34.07 1.68 0.00	31.87 1.69 0.00	29.51 1.53 0.00	28.79 1.47 0.00	41.29 1.94 0.00	40.95 1.52 0.00	43.21 1.55 0.00	43.60 1.54 0.00	42.49 1.27 0.00	44.31 1.10 0.00	44.17 0.96 0.00	49.55 1.50 0.00	64.64 2.43 0.00	75.16 3.02 0.00	91.36 3.45 0.02	57.76 1.99 -3.27	51.52 1.66 -0.01	49.44 1.54 0.00	54.73 1.82 0.00	56.00 1.93 0.00	45.53 1.48 0.00	39.99 1.36 0.00
STONY___BROOK 24151	53.48 2.48 -12.64	41.35 2.48 -4.17	38.47 2.29 -3.79	32.78 2.36 -0.25	29.84 2.16 0.29	27.67 2.04 1.70	44.02 2.56 -2.12	44.81 2.76 -2.62	47.40 2.97 -2.76	49.97 2.72 -5.19	45.72 2.34 -2.16	46.24 2.21 -0.81	47.02 2.16 -1.65	52.35 2.69 -1.61	68.20 3.57 -2.42	76.01 3.59 -0.27	92.55 4.53 -0.08	216.41 2.53 -161.37	70.88 2.56 -18.46	54.78 2.31 -4.57	61.26 2.98 -5.36	61.45 2.93 -4.45	46.04 2.50 0.51	42.76 2.10 -2.02
STURGEON_POOL_HYD 23609	52.00 2.69 -10.96	37.23 2.53 0.00	34.77 2.39 0.00	32.40 2.22 0.00	29.92 1.95 0.00	29.13 1.81 0.00	41.98 2.63 0.00	42.22 2.80 0.00	44.66 2.99 0.00	44.94 2.88 0.01	43.96 2.74 0.00	46.06 2.84 0.00	46.24 3.03 0.00	51.78 3.73 0.00	67.56 5.35 0.00	78.03 5.88 0.00	94.27 6.35 0.02	166.53 3.48 -110.55	53.06 2.94 -0.26	50.50 2.60 0.00	55.99 3.07 0.00	57.17 3.10 0.00	46.38 2.33 0.00	40.54 1.90 0.00

ST_LAW_115_BK7_LBMP 345037	38.29 -0.07 0.00	34.44 -0.25 0.00	32.02 -0.36 0.00	29.77 -0.40 0.00	27.63 -0.35 0.00	27.08 -0.24 0.00	39.28 -0.07 0.00	39.55 0.12 0.00	41.79 0.13 0.00	42.31 0.25 0.00	41.45 0.23 0.00	43.45 0.23 0.00	43.47 0.26 0.00	48.20 0.15 0.00	62.46 0.24 0.00	72.44 0.29 0.00	88.53 0.59 0.00	52.87 0.37 0.00	50.28 0.41 0.00	48.42 0.52 0.00	53.39 0.48 0.00	54.54 0.47 0.00	44.49 0.44 0.00	38.97 0.33 0.00
ST_LAW_115_BK8_LBMP 345038	38.29 -0.07 0.00	34.44 -0.25 0.00	32.02 -0.36 0.00	29.77 -0.40 0.00	27.63 -0.35 0.00	27.08 -0.24 0.00	39.28 -0.07 0.00	39.55 0.12 0.00	41.79 0.13 0.00	42.31 0.25 0.00	41.45 0.23 0.00	43.45 0.23 0.00	43.47 0.26 0.00	48.20 0.15 0.00	62.46 0.24 0.00	72.44 0.29 0.00	88.53 0.59 0.00	52.87 0.37 0.00	50.28 0.41 0.00	48.42 0.52 0.00	53.39 0.48 0.00	54.54 0.47 0.00	44.49 0.44 0.00	38.97 0.33 0.00
ST_LAW_230_BK5_LBMP 345035	38.29 -0.06 0.00	34.45 -0.24 0.00	32.04 -0.34 0.00	29.79 -0.38 0.00	27.65 -0.32 0.00	27.09 -0.23 0.00	39.28 -0.07 0.00	39.54 0.11 0.00	41.79 0.13 0.00	42.30 0.24 0.00	41.43 0.21 0.00	43.44 0.23 0.00	43.46 0.25 0.00	48.20 0.16 0.00	62.45 0.23 0.00	72.45 0.30 0.00	88.53 0.59 0.00	52.87 0.38 0.00	50.27 0.41 0.00	48.39 0.49 0.00	53.35 0.44 0.00	54.50 0.43 0.00	44.47 0.42 0.00	38.94 0.30 0.00
ST_LAW_230_BK6_LBMP 345036	38.29 -0.06 0.00	34.45 -0.24 0.00	32.04 -0.34 0.00	29.79 -0.38 0.00	27.65 -0.32 0.00	27.09 -0.23 0.00	39.28 -0.07 0.00	39.54 0.11 0.00	41.79 0.13 0.00	42.30 0.24 0.00	41.43 0.21 0.00	43.44 0.23 0.00	43.46 0.25 0.00	48.20 0.16 0.00	62.45 0.23 0.00	72.45 0.30 0.00	88.53 0.59 0.00	52.87 0.38 0.00	50.27 0.41 0.00	48.39 0.49 0.00	53.35 0.44 0.00	54.50 0.43 0.00	44.47 0.42 0.00	38.94 0.30 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.61 1.48 -6.77	36.20 1.50 0.00	33.89 1.51 0.00	31.63 1.46 0.00	29.23 1.26 0.00	28.46 1.14 0.00	40.92 1.57 0.00	41.05 1.62 0.00	43.38 1.72 0.00	43.67 1.61 0.01	42.76 1.53 0.00	44.83 1.61 0.00	44.98 1.76 0.00	50.31 2.26 0.00	65.51 3.30 0.00	75.88 3.74 0.00	92.59 4.67 0.03	183.67 2.50 -128.68	52.26 2.10 -0.31	49.73 1.83 0.00	55.14 2.22 0.00	56.34 2.27 0.00	45.71 1.66 0.00	40.03 1.40 0.00
SWANROAD_115KV_TB1 355699	37.57 -0.79 0.00	34.21 -0.49 0.00	31.62 -0.76 0.00	29.46 -0.71 0.00	27.37 -0.60 0.00	26.69 -0.63 0.00	38.08 -1.27 0.00	37.48 -1.95 0.00	39.92 -1.75 0.00	40.13 -1.94 0.00	39.65 -1.57 0.00	41.62 -1.60 0.00	41.37 -1.85 0.00	45.45 -2.60 0.00	57.99 -4.22 0.00	67.79 -4.35 0.00	82.26 -5.68 0.00	48.84 -3.66 0.00	46.45 -3.42 0.00	44.92 -2.98 0.00	49.08 -3.84 0.00	50.37 -3.70 0.00	41.08 -2.97 0.00	36.47 -2.16 0.00
SYNERGY___BIOGAS 323694	39.03 0.68 0.00	35.46 0.77 0.00	32.82 0.43 0.00	30.57 0.39 0.00	28.40 0.42 0.00	27.74 0.42 0.00	39.74 0.39 0.00	39.50 0.08 0.00	42.08 0.41 0.00	42.36 0.30 0.00	41.75 0.53 0.00	43.68 0.46 0.00	43.22 0.01 0.00	47.64 -0.41 0.00	60.98 -1.23 0.00	71.43 -0.71 0.00	86.75 -1.19 0.00	51.66 -0.84 0.00	49.09 -0.77 0.00	47.45 -0.45 0.00	51.99 -0.92 0.00	53.30 -0.77 0.00	43.26 -0.79 0.00	38.23 -0.40 0.00
SYRACUSE___ENERGY_ST1 323597	38.24 -0.11 0.00	34.72 0.02 0.00	32.34 -0.04 0.00	30.16 -0.01 0.00	28.01 0.03 0.00	27.32 0.00 0.00	39.14 -0.21 0.00	39.09 -0.34 0.00	41.35 -0.32 0.00	41.73 -0.37 -0.03	40.96 -0.26 0.00	43.06 -0.16 0.00	42.96 -0.25 0.00	47.66 -0.39 0.00	61.42 -0.80 0.00	71.18 -0.97 0.00	86.86 -1.21 -0.13	51.89 -0.61 0.00	49.38 -0.48 0.00	47.44 -0.46 0.00	52.39 -0.52 0.00	53.54 -0.53 0.00	43.54 -0.52 0.00	38.21 -0.43 0.00
SYRACUSE___ENERGY_ST2 323598	38.24 -0.11 0.00	34.72 0.02 0.00	32.34 -0.04 0.00	30.16 -0.01 0.00	28.01 0.03 0.00	27.32 0.00 0.00	39.14 -0.21 0.00	39.09 -0.34 0.00	41.35 -0.32 0.00	41.73 -0.37 -0.03	40.96 -0.26 0.00	43.06 -0.16 0.00	42.96 -0.25 0.00	47.66 -0.39 0.00	61.42 -0.80 0.00	71.18 -0.97 0.00	86.86 -1.21 -0.13	51.89 -0.61 0.00	49.38 -0.48 0.00	47.44 -0.46 0.00	52.39 -0.52 0.00	53.54 -0.53 0.00	43.54 -0.52 0.00	38.21 -0.43 0.00
SYRACUSE___POWER 24017	38.40 0.05 0.00	34.87 0.18 0.00	32.50 0.12 0.00	30.33 0.15 0.00	28.11 0.13 0.00	27.45 0.12 0.00	39.32 -0.03 0.00	39.29 -0.13 0.00	41.55 -0.12 0.00	41.88 -0.18 0.00	41.17 -0.05 0.00	43.27 0.05 0.00	43.21 0.00 0.00	47.95 -0.10 0.00	61.75 -0.46 0.00	71.58 -0.56 0.00	87.21 -0.73 0.00	52.17 -0.33 0.00	49.66 -0.20 0.00	47.71 -0.20 0.00	52.68 -0.24 0.00	53.83 -0.24 0.00	43.74 -0.31 0.00	38.36 -0.28 0.00
TALLMAN_138KV_BK151 55660	46.94 1.63 -6.97	36.35 1.65 0.00	34.04 1.65 0.00	31.78 1.61 0.00	29.36 1.38 0.00	28.57 1.25 0.00	41.09 1.74 0.00	41.26 1.83 0.00	43.61 1.94 0.00	43.91 1.85 0.01	42.99 1.78 0.00	45.10 1.88 0.00	45.27 2.06 0.00	50.68 2.63 0.00	66.03 3.82 0.00	76.37 4.23 0.00	93.16 5.24 0.02	190.76 2.83 -135.43	52.56 2.38 -0.32	49.99 2.09 0.00	55.43 2.52 0.00	56.65 2.58 0.00	45.91 1.86 0.00	40.17 1.54 0.00
TEALLAVE_115KV_TB7 355573	38.24 -0.11 0.00	34.73 0.04 0.00	32.38 -0.01 0.00	30.21 0.03 0.00	28.00 0.03 0.00	27.34 0.02 0.00	39.15 -0.20 0.00	39.11 -0.32 0.00	41.36 -0.30 0.00	41.71 -0.36 0.00	41.01 -0.21 0.00	43.10 -0.13 0.00	43.03 -0.19 0.00	47.75 -0.30 0.00	61.50 -0.71 0.00	71.28 -0.87 0.00	86.83 -1.11 0.00	51.94 -0.56 0.00	49.43 -0.43 0.00	47.49 -0.41 0.00	52.42 -0.49 0.00	53.57 -0.50 0.00	43.54 -0.52 0.00	38.20 -0.44 0.00
TELGRAPH_34_KV_EAST 80808	38.28 -0.08 0.00	34.81 0.12 0.00	32.21 -0.18 0.00	30.01 -0.17 0.00	27.88 -0.09 0.00	27.20 -0.12 0.00	38.89 -0.46 0.00	38.50 -0.93 0.00	41.00 -0.67 0.00	41.22 -0.84 0.00	40.69 -0.53 0.00	42.66 -0.56 0.00	42.35 -0.86 0.00	46.60 -1.45 0.00	59.58 -2.63 0.00	69.74 -2.40 0.00	84.67 -3.26 0.00	50.30 -2.20 0.00	47.79 -2.08 0.00	46.22 -1.68 0.00	50.61 -2.30 0.00	51.92 -2.16 0.00	42.23 -1.82 0.00	37.39 -1.24 0.00
TEMPLE___115KV_TB 2 55572	38.25 -0.10 0.00	34.75 0.06 0.00	32.39 0.00 0.00	30.22 0.05 0.00	28.01 0.04 0.00	27.35 0.03 0.00	39.16 -0.19 0.00	39.13 -0.30 0.00	41.38 -0.29 0.00	41.72 -0.34 0.00	41.03 -0.19 0.00	43.10 -0.12 0.00	43.04 -0.17 0.00	47.77 -0.27 0.00	61.54 -0.67 0.00	71.32 -0.82 0.00	86.89 -1.05 0.00	51.96 -0.54 0.00	49.46 -0.40 0.00	47.50 -0.40 0.00	52.43 -0.49 0.00	53.58 -0.49 0.00	43.55 -0.50 0.00	38.20 -0.43 0.00
TIANA____69_KV_BK 1 55817	53.30 2.57 -12.38	41.08 2.38 -4.01	38.23 2.21 -3.64	32.88 2.47 -0.24	29.98 2.32 0.31	27.73 2.24 1.83	44.19 2.82 -2.01	45.09 3.14 -2.52	47.86 3.54 -2.66	50.43 3.35 -5.02	46.22 2.95 -2.06	46.74 2.79 -0.73	47.31 2.52 -1.57	52.40 2.82 -1.54	68.33 3.80 -2.32	76.55 4.15 -0.27	93.18 5.17 -0.08	216.45 2.71 -161.24	71.15 2.92 -18.37	55.00 2.81 -4.30	61.35 3.49 -4.95	61.18 3.55 -3.57	46.26 2.82 0.61	42.80 2.23 -1.94

TILDEN___115KV_TB1 80814	38.40 0.05 0.00	34.87 0.18 0.00	32.50 0.12 0.00	30.33 0.15 0.00	28.11 0.13 0.00	27.45 0.12 0.00	39.32 -0.03 0.00	39.29 -0.13 0.00	41.55 -0.12 0.00	41.88 -0.18 0.00	41.17 -0.05 0.00	43.27 0.05 0.00	43.21 0.00 0.00	47.95 -0.10 0.00	61.75 -0.46 0.00	71.58 -0.56 0.00	87.21 -0.73 0.00	52.17 -0.33 0.00	49.66 -0.20 0.00	47.71 -0.20 0.00	52.68 -0.24 0.00	53.83 -0.24 0.00	43.74 -0.31 0.00	38.36 -0.28 0.00
TRIGEN___CC 323695	96.46 2.13 -55.98	68.65 2.13 -31.83	63.36 2.02 -28.96	34.07 1.98 -1.91	33.36 1.87 -3.52	49.18 1.74 -20.12	61.34 2.15 -19.85	61.78 2.30 -20.05	65.20 2.47 -21.07	78.39 2.27 -34.05	62.87 2.09 -19.56	58.75 2.13 -13.40	60.32 2.08 -15.03	64.69 2.67 -13.96	84.49 3.82 -18.46	78.35 4.02 -2.19	93.80 5.02 -0.85	240.53 2.77 -185.26	88.49 2.52 -36.11	81.76 2.21 -31.65	88.62 2.82 -32.89	76.50 2.83 -19.60	64.58 2.29 -18.24	57.76 1.86 -17.27
TRINITY___115KV___4 BK 55933	21.48 0.08 16.95	34.85 0.15 0.00	32.73 0.35 0.00	30.59 0.41 0.00	28.33 0.35 0.00	27.61 0.29 0.00	39.52 0.17 0.00	39.52 0.09 0.00	41.69 0.02 0.00	41.95 -0.10 0.00	41.05 -0.17 0.00	42.96 -0.26 0.00	43.01 -0.21 0.00	47.98 -0.07 0.00	62.37 0.16 0.00	72.42 0.28 0.00	88.25 0.34 0.02	48.60 0.20 4.10	49.84 -0.01 0.01	47.86 -0.04 0.00	52.92 0.00 0.00	54.06 -0.01 0.00	43.98 -0.08 0.00	38.55 -0.08 0.00
UNION___PROCESSING_DRP 323587	38.18 -0.17 0.00	34.69 -0.01 0.00	32.18 -0.21 0.00	29.98 -0.19 0.00	27.85 -0.12 0.00	27.18 -0.14 0.00	38.91 -0.44 0.00	38.76 -0.67 0.00	41.20 -0.46 0.00	41.50 -0.57 -0.01	40.87 -0.35 0.00	42.86 -0.36 0.00	42.62 -0.60 0.00	47.07 -0.97 0.00	60.42 -1.79 0.00	70.57 -1.57 0.00	85.97 -1.99 -0.02	51.17 -1.32 0.00	48.63 -1.23 0.00	46.88 -1.02 0.00	51.50 -1.42 0.00	52.70 -1.37 0.00	42.79 -1.26 0.00	37.75 -0.88 0.00
UPPER HUDSON___HYD 24058	221.27 2.48 -180.44	36.96 2.26 0.00	34.47 2.09 0.00	32.27 2.10 0.00	29.88 1.90 0.00	29.21 1.89 0.00	41.80 2.45 0.00	41.14 1.71 0.00	43.24 1.57 0.00	43.62 1.57 0.00	42.43 1.21 0.00	44.33 1.11 0.00	44.23 1.02 0.00	49.82 1.77 0.00	65.01 2.80 0.00	75.58 3.43 0.00	91.30 3.38 0.02	54.43 1.93 0.00	51.43 1.57 0.00	49.28 1.38 0.00	54.59 1.67 0.00	56.03 1.96 0.00	45.43 1.37 0.00	40.06 1.42 0.00
UPPER RAQUET___HYD 24056	38.08 -0.28 0.00	34.19 -0.51 0.00	31.75 -0.63 0.00	29.51 -0.67 0.00	27.38 -0.60 0.00	26.69 -0.63 0.00	38.89 -0.46 0.00	39.12 -0.31 0.00	41.10 -0.57 0.00	41.57 -0.49 0.00	41.13 -0.09 0.00	43.26 0.04 0.00	43.44 0.23 0.00	47.99 -0.06 0.00	62.20 -0.02 0.00	71.76 -0.39 0.00	87.73 -0.20 0.00	52.39 -0.11 0.00	50.13 0.27 0.00	48.53 0.63 0.00	53.55 0.64 0.00	54.83 0.76 0.00	44.79 0.74 0.00	39.12 0.49 0.00
VALLEY44_115KV_TB2 355964	38.67 0.31 0.00	35.39 0.70 0.00	32.88 0.50 0.00	30.71 0.54 0.00	28.51 0.54 0.00	27.90 0.57 0.00	39.96 0.61 0.00	39.84 0.42 0.00	42.28 0.61 0.00	42.44 0.38 0.01	41.89 0.67 0.00	43.65 0.43 0.00	43.29 0.07 0.00	48.05 0.00 0.00	61.48 -0.73 0.00	71.40 -0.74 0.00	86.53 -1.39 0.02	54.72 -1.30 -3.52	48.91 -0.96 -0.01	47.08 -0.82 0.00	51.71 -1.21 0.00	53.03 -1.04 0.00	43.10 -0.95 0.00	38.05 -0.58 0.00
VALLEY___115KV_TB 1-4 80826	38.79 0.44 0.00	35.18 0.48 0.00	32.93 0.54 0.00	30.74 0.57 0.00	28.50 0.52 0.00	27.83 0.51 0.00	39.92 0.57 0.00	39.72 0.30 0.00	41.87 0.21 0.00	42.12 0.06 0.00	40.95 -0.27 0.00	42.85 -0.37 0.00	42.97 -0.25 0.00	48.25 0.20 0.00	63.04 0.82 0.00	73.22 1.07 0.00	88.94 1.00 0.00	53.03 0.52 0.00	50.17 0.31 0.00	48.08 0.18 0.00	53.43 0.52 0.00	54.66 0.59 0.00	44.37 0.32 0.00	38.84 0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.52 1.37 -8.79	36.04 1.34 0.00	33.67 1.29 0.00	31.40 1.22 0.00	29.08 1.11 0.00	28.38 1.06 0.00	40.80 1.45 0.00	40.90 1.47 0.00	43.20 1.54 0.00	43.53 1.48 0.02	42.73 1.51 0.00	44.76 1.55 0.00	44.90 1.69 0.00	49.95 1.90 0.00	64.59 2.37 0.00	74.83 2.69 0.00	91.37 3.49 0.06	63.39 2.06 -8.84	51.94 2.06 -0.02	49.83 1.93 0.00	54.97 2.06 0.00	56.13 2.06 0.00	45.62 1.57 0.00	39.94 1.31 0.00
VISCHER___FERRY HYD 24020	381.95 1.29 -342.31	35.85 1.16 0.00	33.59 1.21 0.00	31.42 1.25 0.00	29.09 1.12 0.00	28.34 1.02 0.00	40.59 1.24 0.00	40.35 0.92 0.00	42.67 1.00 0.00	43.05 0.99 0.00	42.07 0.85 0.00	43.83 0.61 0.00	43.62 0.41 0.00	48.76 0.71 0.00	63.43 1.21 0.00	73.68 1.54 0.00	89.89 1.98 0.02	61.08 1.23 -7.35	50.78 0.90 -0.02	48.71 0.80 0.00	53.93 1.01 0.00	55.17 1.10 0.00	44.90 0.85 0.00	39.43 0.79 0.00
V_A_10_SYNC_DSASP 323832	37.65 -0.70 0.00	34.29 -0.41 0.00	31.76 -0.63 0.00	29.60 -0.58 0.00	27.50 -0.48 0.00	26.83 -0.49 0.00	38.33 -1.02 0.00	38.02 -1.41 0.00	40.45 -1.21 0.00	40.69 -1.37 0.00	40.15 -1.07 0.00	42.10 -1.12 0.00	41.86 -1.36 0.00	46.16 -1.89 0.00	59.08 -3.14 0.00	69.08 -3.07 0.00	83.97 -3.96 0.00	49.91 -2.59 0.00	47.43 -2.43 0.00	45.76 -2.15 0.00	50.14 -2.77 0.00	51.39 -2.68 0.00	41.80 -2.25 0.00	37.03 -1.60 0.00
V_CMM_10_SYNC_DSASP 323787	38.49 0.14 0.00	34.63 -0.07 0.00	32.19 -0.19 0.00	29.93 -0.25 0.00	27.78 -0.19 0.00	27.23 -0.09 0.00	39.50 0.14 0.00	39.76 0.33 0.00	42.02 0.35 0.00	42.54 0.48 0.00	41.68 0.46 0.00	43.69 0.47 0.00	43.71 0.50 0.00	48.46 0.41 0.00	62.79 0.58 0.00	72.83 0.69 0.00	89.02 1.08 0.00	53.11 0.61 0.00	50.49 0.63 0.00	48.69 0.79 0.00	53.67 0.76 0.00	54.84 0.77 0.00	44.73 0.67 0.00	39.17 0.54 0.00
V_CMP_10_SYNC_DSASP 323788	39.10 0.75 0.00	35.21 0.51 0.00	32.68 0.30 0.00	30.41 0.23 0.00	28.20 0.23 0.00	27.69 0.37 0.00	40.08 0.73 0.00	40.39 0.96 0.00	42.64 0.97 0.00	43.18 1.12 0.00	42.24 1.02 0.00	44.29 1.07 0.00	44.27 1.06 0.00	49.29 1.24 0.00	64.00 1.78 0.00	74.16 2.02 0.00	90.64 2.70 0.00	54.00 1.50 0.00	51.63 1.77 0.00	49.77 1.87 0.00	54.74 1.83 0.00	55.87 1.81 0.00	45.59 1.54 0.00	39.89 1.25 0.00
V_D_10_SYNC_DSASP 323841	38.66 0.31 0.00	34.78 0.08 0.00	32.32 -0.06 0.00	30.05 -0.13 0.00	27.88 -0.09 0.00	27.33 0.00 0.00	39.71 0.36 0.00	39.96 0.53 0.00	42.16 0.49 0.00	42.71 0.65 0.00	41.83 0.61 0.00	43.84 0.63 0.00	43.91 0.69 0.00	48.59 0.54 0.00	63.03 0.81 0.00	72.94 0.80 0.00	89.15 1.21 0.00	53.18 0.68 0.00	50.74 0.88 0.00	48.90 1.00 0.00	53.91 1.00 0.00	55.14 1.07 0.00	44.98 0.92 0.00	39.33 0.70 0.00
V_E_10_SYNC_DSASP 323830	45.44 2.94 -4.15	37.53 2.84 0.00	34.82 2.44 0.00	32.49 2.32 0.00	30.23 2.25 0.00	29.66 2.35 0.00	42.79 3.43 0.00	42.83 3.40 0.00	44.96 3.29 0.00	45.33 3.29 0.02	44.48 3.26 0.00	46.72 3.50 0.00	46.98 3.77 0.00	52.02 3.98 0.00	66.62 4.40 0.00	77.35 5.21 0.00	94.71 6.84 0.07	62.90 4.06 -6.34	54.15 4.28 -0.02	52.00 4.10 0.00	57.38 4.47 0.00	58.63 4.56 0.00	47.48 3.43 0.00	41.41 2.77 0.00

V_F_30_NSYNC___DSASP 323816	244.31 1.98 -203.98	36.46 1.76 0.00	34.09 1.71 0.00	31.89 1.71 0.00	29.53 1.55 0.00	28.81 1.49 0.00	41.32 1.97 0.00	41.01 1.59 0.00	43.28 1.61 0.00	43.66 1.61 0.00	42.58 1.36 0.00	44.42 1.20 0.00	44.31 1.10 0.00	49.70 1.65 0.00	64.82 2.61 0.00	75.31 3.17 0.00	91.51 3.59 0.02	54.56 2.06 0.00	51.61 1.75 0.00	49.52 1.62 0.00	54.81 1.90 0.00	56.09 2.01 0.00	45.59 1.54 0.00	40.04 1.41 0.00
V_F_30_SYNC_DSASP 323786	38.36 0.29 0.28	35.04 0.34 0.00	32.90 0.52 0.00	30.71 0.54 0.00	28.45 0.48 0.00	27.74 0.41 0.00	39.73 0.37 0.00	39.74 0.31 0.00	41.76 0.10 0.00	42.01 -0.05 0.00	41.09 -0.13 0.00	43.02 -0.20 0.00	43.08 -0.14 0.00	48.09 0.04 0.00	62.51 0.30 0.00	72.71 0.56 0.00	88.84 0.93 0.02	49.59 0.54 3.45	50.13 0.28 0.01	48.15 0.25 0.00	53.22 0.31 0.00	54.36 0.29 0.00	44.21 0.15 0.00	38.74 0.10 0.00
V_XM_10_SYNC_DSASP 323789	39.10 0.75 0.00	35.21 0.51 0.00	32.68 0.30 0.00	30.41 0.23 0.00	28.20 0.23 0.00	27.69 0.37 0.00	40.08 0.73 0.00	40.39 0.96 0.00	42.64 0.97 0.00	43.18 1.12 0.00	42.24 1.02 0.00	44.29 1.07 0.00	44.27 1.06 0.00	49.29 1.24 0.00	64.00 1.78 0.00	74.16 2.02 0.00	90.64 2.70 0.00	54.00 1.50 0.00	51.63 1.77 0.00	49.77 1.87 0.00	54.74 1.83 0.00	55.87 1.81 0.00	45.59 1.54 0.00	39.89 1.25 0.00
W.BABYLN_69_KV_BK1 56697	60.72 2.69 -19.68	45.99 2.65 -8.64	42.72 2.48 -7.86	33.14 2.45 -0.51	30.58 2.27 -0.35	31.42 2.14 -1.97	47.08 2.73 -5.00	47.82 2.96 -5.44	50.53 3.14 -5.73	54.78 2.89 -9.82	48.66 2.45 -4.99	48.40 2.33 -2.86	49.25 2.24 -3.79	54.45 2.79 -3.61	71.17 3.95 -5.01	76.74 4.01 -0.58	93.19 5.04 -0.21	220.27 2.93 -164.84	73.61 2.86 -20.89	59.02 2.61 -8.50	65.07 3.26 -8.89	61.63 3.31 -4.25	49.44 2.82 -2.57	45.47 2.37 -4.47
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.11 1.74 -7.02	36.46 1.76 0.00	34.13 1.75 0.00	31.88 1.70 0.00	29.45 1.47 0.00	28.66 1.34 0.00	41.22 1.86 0.00	41.37 1.95 0.00	43.73 2.07 0.00	44.04 1.98 0.01	43.12 1.90 0.00	45.23 2.01 0.00	45.40 2.19 0.00	50.80 2.75 0.00	66.21 4.00 0.00	76.62 4.47 0.00	93.44 5.53 0.02	192.86 2.99 -137.37	52.72 2.53 -0.33	50.13 2.24 0.00	55.59 2.68 0.00	56.82 2.75 0.00	46.06 2.01 0.00	40.31 1.67 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.47 1.91 -7.21	36.64 1.95 0.00	34.26 1.88 0.00	31.96 1.79 0.00	29.56 1.58 0.00	28.76 1.44 0.00	41.40 2.05 0.00	41.63 2.20 0.00	44.05 2.38 0.00	44.38 2.32 0.01	43.45 2.23 0.00	45.52 2.30 0.00	45.62 2.41 0.00	50.96 2.92 0.00	66.49 4.27 0.00	76.91 4.77 0.00	93.81 5.90 0.02	199.43 3.11 -143.81	52.85 2.65 -0.34	50.19 2.29 0.00	55.74 2.82 0.00	56.97 2.90 0.00	46.29 2.24 0.00	40.51 1.87 0.00
W50THST__13_KV_LOAD 356117	47.67 2.11 -7.21	36.83 2.13 0.00	34.43 2.05 0.00	32.12 1.95 0.00	29.70 1.72 0.00	28.91 1.59 0.00	41.65 2.31 0.00	41.91 2.49 0.00	44.38 2.71 0.00	44.72 2.66 0.01	43.82 2.60 0.00	45.91 2.69 0.00	46.01 2.80 0.00	51.37 3.32 0.00	67.02 4.80 0.00	77.50 5.36 0.00	94.53 6.62 0.02	199.80 3.49 -143.81	53.18 2.98 -0.34	50.49 2.59 0.00	56.05 3.14 0.00	57.28 3.20 0.00	46.54 2.49 0.00	40.71 2.08 0.00
WADING RIVER_IC_1 23522	53.06 2.36 -12.35	40.86 2.18 -3.99	38.03 2.02 -3.63	32.67 2.26 -0.24	29.65 1.99 0.32	27.37 1.90 1.84	43.70 2.35 -2.00	44.50 2.56 -2.51	47.11 2.80 -2.64	49.59 2.52 -5.00	45.39 2.12 -2.04	45.87 1.93 -0.72	46.58 1.81 -1.56	51.78 2.20 -1.53	67.56 3.03 -2.31	75.41 3.01 -0.26	91.79 3.77 -0.08	215.82 2.10 -161.23	70.53 2.31 -18.35	54.37 2.19 -4.28	60.63 2.79 -4.93	60.50 2.89 -3.54	45.70 2.27 0.62	42.44 1.88 -1.93
WADING RIVER_IC_2 23547	53.06 2.36 -12.35	40.86 2.18 -3.99	38.03 2.02 -3.63	32.67 2.26 -0.24	29.65 1.99 0.32	27.37 1.90 1.84	43.70 2.35 -2.00	44.50 2.56 -2.51	47.11 2.80 -2.64	49.59 2.52 -5.00	45.39 2.12 -2.04	45.87 1.93 -0.72	46.58 1.81 -1.56	51.78 2.20 -1.53	67.56 3.03 -2.31	75.41 3.01 -0.26	91.79 3.77 -0.08	215.82 2.10 -161.23	70.53 2.31 -18.35	54.37 2.19 -4.28	60.63 2.79 -4.93	60.50 2.89 -3.54	45.70 2.27 0.62	42.44 1.88 -1.93
WADING RIVER_IC_3 23601	53.06 2.36 -12.35	40.86 2.18 -3.99	38.03 2.02 -3.63	32.67 2.26 -0.24	29.65 1.99 0.32	27.37 1.90 1.84	43.70 2.35 -2.00	44.50 2.56 -2.51	47.11 2.80 -2.64	49.59 2.52 -5.00	45.39 2.12 -2.04	45.87 1.93 -0.72	46.58 1.81 -1.56	51.78 2.20 -1.53	67.56 3.03 -2.31	75.41 3.01 -0.26	91.79 3.77 -0.08	215.82 2.10 -161.23	70.53 2.31 -18.35	54.37 2.19 -4.28	60.63 2.79 -4.93	60.50 2.89 -3.54	45.70 2.27 0.62	42.44 1.88 -1.93
WALDENNY_12_KV_BK2 80841	38.41 0.06 0.00	34.98 0.28 0.00	32.35 -0.03 0.00	30.15 -0.02 0.00	27.99 0.02 0.00	27.34 0.02 0.00	39.09 -0.26 0.00	38.77 -0.66 0.00	41.27 -0.40 0.00	41.50 -0.57 0.00	41.01 -0.20 0.00	43.03 -0.19 0.00	42.82 -0.40 0.00	47.24 -0.81 0.00	60.33 -1.89 0.00	70.55 -1.59 0.00	85.65 -2.29 0.00	53.84 -1.71 -3.05	48.36 -1.51 -0.01	46.64 -1.26 0.00	51.04 -1.87 0.00	52.31 -1.76 0.00	42.53 -1.53 0.00	37.65 -0.98 0.00
WALDEN__HYDRO 24148	47.64 1.90 -7.39	36.55 1.85 0.00	34.19 1.81 0.00	31.89 1.71 0.00	29.47 1.50 0.00	28.69 1.37 0.00	41.27 1.92 0.00	41.42 1.99 0.00	43.77 2.10 0.00	44.07 2.01 0.01	43.12 1.90 0.00	45.20 1.98 0.00	45.31 2.09 0.00	50.69 2.65 0.00	66.07 3.86 0.00	76.62 4.48 0.00	93.37 5.46 0.02	188.33 2.96 -132.87	52.67 2.50 -0.32	50.10 2.20 0.00	55.56 2.64 0.00	56.77 2.70 0.00	46.05 1.99 0.00	40.29 1.66 0.00
WARRENSBURG____ 23737	221.27 2.48 -180.44	36.96 2.26 0.00	34.47 2.09 0.00	32.27 2.10 0.00	29.88 1.90 0.00	29.21 1.89 0.00	41.80 2.45 0.00	41.14 1.71 0.00	43.24 1.57 0.00	43.62 1.57 0.00	42.43 1.21 0.00	44.33 1.11 0.00	44.23 1.01 0.00	49.82 1.77 0.00	65.01 2.80 0.00	75.58 3.44 0.00	91.30 3.38 0.02	54.43 1.93 0.00	51.43 1.57 0.00	49.28 1.38 0.00	54.59 1.67 0.00	56.03 1.96 0.00	45.43 1.37 0.00	40.06 1.42 0.00
WATERSIDE____6 8 9 23538	47.44 1.88 -7.21	36.65 1.96 0.00	34.27 1.89 0.00	31.96 1.79 0.00	29.55 1.58 0.00	28.76 1.44 0.00	41.39 2.04 0.00	41.62 2.20 0.00	44.03 2.36 0.00	44.35 2.30 0.01	43.46 2.25 0.00	45.53 2.31 0.00	45.63 2.42 0.00	50.93 2.89 0.00	66.48 4.27 0.00	76.87 4.73 0.00	93.73 5.82 0.02	199.38 3.04 -143.84	52.76 2.56 -0.34	50.13 2.23 0.00	50.23 2.82 5.50	54.21 2.88 2.74	46.25 2.21 0.00	38.69 1.87 1.81
WATKINRD_115KV_LN8_ILLION 55919	38.64 0.28 0.00	35.02 0.33 0.00	32.77 0.39 0.00	30.58 0.41 0.00	28.34 0.37 0.00	27.67 0.35 0.00	39.71 0.35 0.00	39.59 0.17 0.00	41.76 0.09 0.00	42.05 -0.01 0.00	40.96 -0.26 0.00	42.88 -0.34 0.00	42.96 -0.26 0.00	48.11 0.07 0.00	62.72 0.51 0.00	72.73 0.59 0.00	88.40 0.47 0.00	52.79 0.29 0.00	50.01 0.15 0.00	47.96 0.06 0.00	53.20 0.28 0.00	54.40 0.33 0.00	44.21 0.16 0.00	38.72 0.08 0.00

WDELAWARE___HYD 323627	47.29 1.42 -7.52	36.06 1.37 0.00	33.70 1.32 0.00	31.42 1.24 0.00	29.04 1.06 0.00	28.29 0.97 0.00	40.73 1.38 0.00	40.88 1.46 0.00	43.21 1.54 0.00	43.47 1.42 0.01	42.50 1.28 0.00	44.53 1.31 0.00	44.61 1.39 0.00	49.89 1.84 0.00	65.06 2.85 0.00	75.67 3.53 0.00	91.92 4.01 0.03	158.47 2.12 -103.85	51.91 1.80 -0.25	49.51 1.61 0.00	54.85 1.94 0.00	56.03 1.96 0.00	45.45 1.39 0.00	39.74 1.10 0.00
WEST BABYLON___IC 23714	60.72 2.69 -19.68	45.99 2.65 -8.64	42.72 2.48 -7.86	33.14 2.45 -0.51	30.58 2.27 -0.35	31.42 2.14 -1.97	47.08 2.73 -5.00	47.82 2.96 -5.44	50.53 3.14 -5.73	54.78 2.89 -9.82	48.66 2.45 -4.99	48.40 2.33 -2.86	49.25 2.24 -3.79	54.45 2.79 -3.61	71.17 3.95 -5.01	76.74 4.01 -0.58	93.19 5.04 -0.21	220.27 2.93 -164.84	73.61 2.86 -20.89	59.02 2.61 -8.50	65.07 3.26 -8.89	61.63 3.31 -4.25	49.44 2.82 -2.57	45.47 2.37 -4.47
WEST CANADA___HYD 24049	38.43 0.08 0.00	34.80 0.11 0.00	32.52 0.14 0.00	30.33 0.15 0.00	28.10 0.12 0.00	27.42 0.11 0.00	39.42 0.07 0.00	39.45 0.02 0.00	41.67 0.00 0.00	42.04 -0.02 0.00	41.18 -0.04 0.00	43.16 -0.06 0.00	43.17 -0.04 0.00	48.04 -0.01 0.00	62.26 0.05 0.00	72.16 0.02 0.00	87.85 -0.09 0.00	52.45 -0.05 0.00	49.81 -0.05 0.00	47.82 -0.08 0.00	52.91 0.00 0.00	54.07 0.00 0.00	44.02 -0.03 0.00	38.61 -0.02 0.00
WESTERN_NY_WIND 24143	38.99 0.64 0.00	35.43 0.73 0.00	32.79 0.40 0.00	30.54 0.36 0.00	28.37 0.40 0.00	27.71 0.39 0.00	39.70 0.35 0.00	39.45 0.03 0.00	42.04 0.37 0.00	42.30 0.24 0.00	41.69 0.47 0.00	43.62 0.41 0.00	43.18 -0.04 0.00	47.58 -0.47 0.00	60.91 -1.30 0.00	71.36 -0.78 0.00	86.65 -1.28 0.00	51.57 -0.93 0.00	49.02 -0.84 0.00	47.40 -0.51 0.00	51.90 -1.01 0.00	53.22 -0.85 0.00	43.20 -0.85 0.00	38.18 -0.45 0.00
WESTOVER___LESR 323668	41.48 0.28 -2.85	35.16 0.46 0.00	32.80 0.41 0.00	30.62 0.44 0.00	28.36 0.39 0.00	27.74 0.42 0.00	39.76 0.41 0.00	39.80 0.37 0.00	42.05 0.38 0.00	42.28 0.24 0.03	41.61 0.39 0.00	43.63 0.41 0.00	43.62 0.40 0.00	48.53 0.49 0.00	62.43 0.22 0.00	72.40 0.26 0.00	87.98 0.14 0.10	58.95 -0.09 -6.54	50.02 0.15 -0.02	48.01 0.11 0.00	53.00 0.09 0.00	54.18 0.10 0.00	44.05 -0.01 0.00	38.63 -0.01 0.00
WETHRSFD_WT_PWR 323626	39.70 -0.12 -1.48	34.88 0.18 0.00	32.34 -0.05 0.00	30.17 -0.01 0.00	28.00 0.02 0.00	27.38 0.06 0.00	39.18 -0.17 0.00	38.93 -0.49 0.00	41.35 -0.32 0.00	41.53 -0.52 0.01	40.96 -0.26 0.00	42.81 -0.40 0.00	42.66 -0.56 0.00	47.15 -0.89 0.00	60.36 -1.85 0.00	70.25 -1.90 0.00	85.28 -2.63 0.02	54.15 -1.95 -3.60	48.32 -1.55 -0.01	46.63 -1.27 0.00	51.22 -1.69 0.00	52.49 -1.58 0.00	42.72 -1.33 0.00	37.73 -0.91 0.00
WHAVSTOR_138KV_BK127 55557	46.93 1.54 -7.03	36.29 1.59 0.00	33.98 1.60 0.00	31.73 1.55 0.00	29.32 1.34 0.00	28.53 1.21 0.00	41.02 1.67 0.00	41.17 1.74 0.00	43.51 1.84 0.00	43.80 1.74 0.01	42.87 1.65 0.00	44.95 1.73 0.00	45.09 1.88 0.00	50.45 2.41 0.00	65.73 3.52 0.00	76.05 3.90 0.00	92.76 4.85 0.02	192.88 2.62 -137.76	52.37 2.19 -0.33	49.81 1.91 0.00	55.25 2.34 0.00	56.47 2.40 0.00	45.81 1.75 0.00	40.11 1.48 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.93 1.54 -7.03	36.29 1.59 0.00	33.98 1.60 0.00	31.73 1.55 0.00	29.32 1.34 0.00	28.53 1.21 0.00	41.02 1.67 0.00	41.17 1.74 0.00	43.51 1.84 0.00	43.80 1.74 0.01	42.87 1.65 0.00	44.95 1.73 0.00	45.09 1.88 0.00	50.45 2.41 0.00	65.73 3.52 0.00	76.05 3.90 0.00	92.76 4.85 0.02	192.88 2.62 -137.76	52.37 2.19 -0.33	49.81 1.91 0.00	55.25 2.34 0.00	56.47 2.40 0.00	45.81 1.75 0.00	40.11 1.48 0.00
WHITEHAL_115KV_TB1 80871	231.93 3.36 -190.21	37.53 2.83 0.00	34.80 2.42 0.00	33.00 2.83 0.00	30.42 2.45 0.00	29.94 2.62 0.00	43.46 4.11 0.00	42.51 3.09 0.00	43.84 2.17 0.00	44.33 2.27 0.00	42.69 1.47 0.00	44.75 1.53 0.00	44.42 1.21 0.00	50.97 2.92 0.00	66.27 4.05 0.00	77.81 5.67 0.00	95.68 7.77 0.02	56.69 4.19 0.00	54.08 4.22 0.00	51.52 3.62 0.00	57.36 4.45 0.00	58.13 4.06 0.00	46.80 2.74 0.00	41.51 2.87 0.00
WHITEPLN_13_KV_LOAD 356215	47.80 2.25 -7.20	36.91 2.21 0.00	34.51 2.13 0.00	32.20 2.02 0.00	29.76 1.78 0.00	28.97 1.66 0.00	41.71 2.36 0.00	41.93 2.50 0.00	44.38 2.71 0.00	44.73 2.68 0.01	43.79 2.57 0.00	45.91 2.70 0.00	46.04 2.83 0.00	51.48 3.43 0.00	67.11 4.89 0.00	77.72 5.58 0.00	94.83 6.92 0.02	199.78 3.83 -143.45	53.51 3.30 -0.34	50.82 2.92 0.00	56.29 3.38 0.00	57.53 3.46 0.00	46.67 2.62 0.00	40.81 2.17 0.00
WM_FLOYD_69_KV_BK2 356380	53.35 2.50 -12.50	41.17 2.39 -4.08	38.29 2.20 -3.71	32.77 2.35 -0.24	29.80 2.13 0.30	27.58 2.03 1.77	43.95 2.54 -2.06	44.74 2.75 -2.57	47.33 2.96 -2.71	49.83 2.67 -5.09	45.57 2.25 -2.10	46.03 2.04 -0.77	46.74 1.92 -1.61	51.98 2.36 -1.57	67.90 3.32 -2.36	75.79 3.38 -0.27	92.31 4.30 -0.08	216.20 2.40 -161.30	70.83 2.57 -18.41	54.68 2.40 -4.37	60.99 3.04 -5.03	60.82 3.09 -3.66	45.98 2.49 0.56	42.69 2.08 -1.98
WOODARD___115KV_TB2 355635	38.16 -0.19 0.00	34.65 -0.05 0.00	32.29 -0.09 0.00	30.13 -0.05 0.00	27.93 -0.04 0.00	27.26 -0.06 0.00	39.04 -0.31 0.00	39.00 -0.42 0.00	41.25 -0.42 0.00	41.62 -0.46 -0.02	40.88 -0.34 0.00	42.97 -0.25 0.00	42.90 -0.31 0.00	47.61 -0.43 0.00	61.35 -0.86 0.00	71.10 -1.05 0.00	86.67 -1.33 -0.07	51.83 -0.67 0.00	49.32 -0.54 0.00	47.39 -0.51 0.00	52.31 -0.60 0.00	53.46 -0.61 0.00	43.45 -0.60 0.00	38.13 -0.51 0.00
WOODMERE_69_KV_BK1 55827	145.04 2.63 -104.05	98.98 2.55 -61.73	90.94 2.39 -56.17	36.23 2.34 -3.72	38.76 2.20 -8.59	78.55 2.05 -49.18	81.57 2.59 -39.62	81.07 2.75 -38.89	85.49 2.97 -40.86	109.52 2.80 -64.66	82.79 2.69 -38.88	74.78 2.81 -28.75	76.80 2.74 -30.85	79.24 3.45 -27.74	102.95 4.92 -35.81	81.79 5.22 -4.42	95.94 6.26 -1.74	252.72 3.52 -196.70	91.67 3.25 -38.56	114.54 3.05 -63.59	122.75 3.76 -66.07	101.26 3.76 -43.43	90.69 2.97 -43.66	76.12 2.42 -35.07
YORK___WARBASSE 23770	47.59 2.03 -7.21	36.86 2.17 0.00	34.45 2.07 0.00	32.13 1.96 0.00	29.70 1.73 0.00	28.90 1.58 0.00	41.57 2.22 0.00	41.77 2.34 0.00	44.12 2.45 0.00	44.47 2.41 0.01	43.66 2.44 0.00	45.76 2.54 0.00	45.89 2.67 0.00	51.25 3.21 0.00	66.86 4.65 0.00	77.29 5.14 0.00	94.30 6.39 0.02	199.61 3.28 -143.84	52.97 2.77 -0.34	50.37 2.47 0.00	83.07 3.15 -27.00	70.70 3.19 -13.44	46.53 2.46 -0.02	47.58 2.06 -6.88