

Day Ahead Market Generator LBMP

		--- LBMP \$																		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion																				
Generator Data																												07/06/2025																														
Name		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																																	
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT																																
59TH STREET_GT_1		42.24	36.55	33.46	32.16	31.20	30.96	31.14	30.96	33.72	38.17	41.46	48.81	52.04	56.23	61.52	66.66	78.47	90.13	98.91	97.54	87.79	73.65	64.63	54.08																																	
24138		2.91	2.52	2.25	2.10	2.15	2.19	2.31	2.35	2.61	2.66	2.86	3.24	3.54	3.87	4.40	4.48	5.88	7.59	8.25	7.64	5.97	3.97	2.78	2.87																																	
		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																																	
74TH STREET_GT_1		42.32	36.62	33.52	32.22	31.23	30.99	31.17	31.02	33.75	38.21	41.50	48.90	52.08	56.28	61.58	66.66	78.54	90.22	99.01	97.63	87.88	73.72	64.69	54.13																																	
24260		2.99	2.59	2.31	2.16	2.18	2.22	2.34	2.40	2.64	2.70	2.90	3.33	3.59	3.93	4.46	4.48	5.95	7.68	8.34	7.73	6.05	4.04	2.85	2.92																																	
		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																																	
74TH STREET_GT_2		42.32	36.62	33.52	32.22	31.23	30.99	31.17	31.02	33.75	38.21	41.50	48.90	52.08	56.28	61.58	66.66	78.54	90.22	99.01	97.63	87.88	73.72	64.69	54.13																																	
24261		2.99	2.59	2.31	2.16	2.18	2.22	2.34	2.40	2.64	2.70	2.90	3.33	3.59	3.93	4.46	4.48	5.95	7.68	8.34	7.73	6.05	4.04	2.85	2.92																																	
		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																																	
ADK HUDSON___FALLS		41.34	35.77	32.74	31.47	30.50	30.21	30.31	29.99	32.66	37.04	39.91	47.12	50.00	54.19	59.41	64.92	76.29	87.99	97.65	97.18	88.29	74.56	65.25	53.92																																	
24011		2.01	1.74	1.53	1.41	1.45	1.44	1.47	1.37	1.56	1.53	1.31	1.55	1.50	1.83	2.28	2.74	3.70	5.45	6.98	7.28	6.46	4.88	3.40	2.71																																	
		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																																	
ADK RESOURCE___RCVRY		41.22	35.63	32.52	31.23	30.27	30.04	30.07	29.76	32.53	36.93	39.80	47.08	49.90	54.14	59.46	65.04	76.51	88.56	98.73	98.44	89.76	75.46	65.75	54.18																																	
23798		1.89	1.60	1.31	1.17	1.22	1.26	1.24	1.15	1.43	1.42	1.20	1.50	1.41	1.78	2.34	2.86	3.92	6.02	8.07	8.54	7.93	5.78	3.90	2.97																																	
		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																																	
ADK S GLENS___FALLS		41.34	35.77	32.74	31.47	30.50	30.21	30.31	29.99	32.66	37.04	39.91	47.12	50.00	54.19	59.41	64.92	76.29	87.99	97.65	97.18	88.29	74.56	65.25	53.92																																	
24028		2.01	1.74	1.53	1.41	1.45	1.44	1.47	1.37	1.56	1.53	1.31	1.55	1.50	1.83	2.28	2.74	3.70	5.45	6.98	7.28	6.46	4.88	3.40	2.71																																	
		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																																	
ADK_NYS___DAM		41.42	35.97	32.96	31.77	30.73	30.59	30.65	30.39	32.84	37.11	40.10	47.21	50.34	54.50	59.69	65.17	76.58	88.49	96.65	95.47	86.16	72.74	63.77	52.95																																	
23527		2.08	1.94	1.75	1.71	1.68	1.81	1.82	1.77	1.74	1.60	1.50	1.64	1.84	2.15	2.57	2.98	3.99	5.95	5.98	5.58	4.33	3.06	1.92	1.74																																	
		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																																	
AIR_PRODUCTS___DRP		39.84	34.75	32.12	30.93	29.95	29.67	29.76	29.47	31.97	36.22	38.87	45.76	48.64	52.46	57.35	62.56	73.39	84.19	92.30	91.33	82.64	69.96	61.54	51.11																																	
24190		0.51	0.71	0.91	0.87	0.90	0.89	0.92	0.86	0.87	0.71	0.27	0.18	0.15	0.10	0.23	0.37	0.80	1.65	1.63	1.44	0.82	0.28	-0.31	-0.10																																	
		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																																	
AKWESSNE_115KV_BK		38.58	33.46	30.65	29.52	28.58	28.26	28.29	28.10	30.60	35.19	38.33	45.25	48.06	51.78	56.21	61.19	70.92	79.82	86.95	86.30	79.50	68.62	61.54	50.95																																	
355683		-0.75	-0.58	-0.56	-0.54	-0.46	-0.52	-0.55	-0.52	-0.50	-0.32	-0.27	-0.32	-0.44	-0.58	-0.91	-0.99	-1.67	-2.72	-3.72	-3.60	-2.21	-1.05	-0.31	-0.26																																	
		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	0.11	0.01	0.00	0.00																																	
ALBANY_1_SOLAR		40.75	35.40	32.49	31.26	30.24	30.01	30.02	29.64	32.10	36.36	39.33	46.40	49.17	52.35	57.29	62.49	73.39	84.35	92.66	91.96	83.46	70.58	62.10	51.57																																	
323833		1.41	1.36	1.28	1.20	1.19	1.24	1.18	1.03	1.00	0.85	0.73	0.82	0.68	0.00	0.17	0.31	0.80	1.81	1.99	2.07	1.64	0.90	0.25	0.36																																	
		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_2_SOLAR		40.75	35.40	32.46	31.26	30.24	29.98	30.02	29.64	32.10	36.36	39.33	46.40	49.17	52.30	57.29	62.49	73.32	84.28	92.57	91.87	83.37	70.58	62.10	51.52																																	
323834		1.41	1.36	1.25	1.20	1.19	1.21	1.18	1.03	1.00	0.85	0.73	0.82	0.68	-0.05	0.17	0.31	0.73	1.74	1.91	1.98	1.55	0.90	0.25	0.31																																	
		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		39.84	34.75	32.12	30.93	29.95	29.67	29.76	29.47	31.97	36.22	38.87	45.76	48.64	52.46	57.35	62.56	73.39	84.19	92.30	91.33	82.64	69.96	61.54	51.11																																	
23571		0.51	0.71	0.91	0.87	0.90	0.89	0.92	0.86	0.87	0.71	0.27	0.18	0.15	0.10	0.23	0.37	0.80	1.65	1.63	1.44	0.82	0.28	-0.31	-0.10																																	
		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___2 23572	39.84 0.51 0.00	34.75 0.71 0.00	32.12 0.91 0.00	30.93 0.87 0.00	29.95 0.90 0.00	29.67 0.89 0.00	29.76 0.92 0.00	29.47 0.86 0.00	31.97 0.87 0.00	36.22 0.71 0.00	38.87 0.27 0.00	45.76 0.18 0.00	48.64 0.15 0.00	52.46 0.10 0.00	57.35 0.23 0.00	62.56 0.37 0.00	73.39 0.80 0.00	84.19 1.65 0.00	92.30 1.63 0.00	91.33 1.44 0.00	82.64 0.82 0.00	69.96 0.28 0.00	61.54 -0.31 0.00	51.11 -0.10 0.00
ALBANY___3 23573	39.84 0.51 0.00	34.75 0.71 0.00	32.12 0.91 0.00	30.93 0.87 0.00	29.95 0.90 0.00	29.67 0.89 0.00	29.76 0.92 0.00	29.47 0.86 0.00	31.97 0.87 0.00	36.22 0.71 0.00	38.87 0.27 0.00	45.76 0.18 0.00	48.64 0.15 0.00	52.46 0.10 0.00	57.35 0.23 0.00	62.56 0.37 0.00	73.39 0.80 0.00	84.19 1.65 0.00	92.30 1.63 0.00	91.33 1.44 0.00	82.64 0.82 0.00	69.96 0.28 0.00	61.54 -0.31 0.00	51.11 -0.10 0.00
ALBANY___4 23574	39.84 0.51 0.00	34.75 0.71 0.00	32.12 0.91 0.00	30.93 0.87 0.00	29.95 0.90 0.00	29.67 0.89 0.00	29.76 0.92 0.00	29.47 0.86 0.00	31.97 0.87 0.00	36.22 0.71 0.00	38.87 0.27 0.00	45.76 0.18 0.00	48.64 0.15 0.00	52.46 0.10 0.00	57.35 0.23 0.00	62.56 0.37 0.00	73.39 0.80 0.00	84.19 1.65 0.00	92.30 1.63 0.00	91.33 1.44 0.00	82.64 0.82 0.00	69.96 0.28 0.00	61.54 -0.31 0.00	51.11 -0.10 0.00
ALBANY___LFGE 323615	40.27 0.94 0.00	35.09 1.06 0.00	32.18 0.97 0.00	30.96 0.90 0.00	29.95 0.90 0.00	29.75 0.98 0.00	29.78 0.95 0.00	29.50 0.89 0.00	32.00 0.90 0.00	36.33 0.82 0.00	39.30 0.70 0.00	46.35 0.77 0.00	49.22 0.73 0.00	53.19 0.84 0.00	58.20 1.08 0.00	63.43 1.24 0.00	74.41 1.82 0.00	85.51 2.97 0.00	93.75 3.08 0.00	92.77 2.88 0.00	84.11 2.29 0.00	71.00 1.32 0.00	62.40 0.56 0.00	51.83 0.62 0.00
ALCOA_PA_115KV_PL-6C 55860	38.82 -0.51 0.00	33.66 -0.37 0.00	30.84 -0.37 0.00	29.70 -0.36 0.00	28.76 -0.29 0.00	28.43 -0.35 0.00	28.43 -0.40 0.00	28.24 -0.37 0.00	30.79 -0.31 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.57 0.00 0.00	48.45 -0.05 0.00	52.15 -0.21 0.00	56.49 -0.63 0.00	61.50 -0.68 0.00	71.36 -1.23 0.00	80.31 -2.23 0.00	87.04 -3.63 0.00	86.39 -3.51 0.00	81.59 -1.47 -1.24	69.39 -0.42 -0.13	62.22 0.37 0.00	51.41 0.20 0.00
ALCOA_RYNLDS___DRP 24188	38.82 -0.51 0.00	33.66 -0.37 0.00	30.84 -0.37 0.00	29.70 -0.36 0.00	28.76 -0.29 0.00	28.43 -0.35 0.00	28.43 -0.40 0.00	28.24 -0.37 0.00	30.79 -0.31 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.57 0.00 0.00	48.45 -0.05 0.00	52.15 -0.21 0.00	56.49 -0.63 0.00	61.50 -0.68 0.00	71.36 -1.23 0.00	80.31 -2.23 0.00	87.04 -3.63 0.00	86.39 -3.51 0.00	81.59 -1.47 -1.24	69.39 -0.42 -0.13	62.22 0.37 0.00	51.41 0.20 0.00
ALCOA___DSASP 323711	38.82 -0.51 0.00	33.66 -0.37 0.00	30.84 -0.37 0.00	29.70 -0.36 0.00	28.76 -0.29 0.00	28.43 -0.34 0.00	28.43 -0.40 0.00	28.24 -0.37 0.00	30.79 -0.31 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.57 0.00 0.00	48.45 -0.05 0.00	52.04 -0.31 0.00	56.44 -0.68 0.00	61.50 -0.68 0.00	71.36 -1.23 0.00	80.07 -2.47 0.00	87.04 -3.63 0.00	86.39 -3.51 0.00	80.36 -2.70 -1.24	69.46 -0.35 -0.13	62.22 0.37 0.00	51.41 0.21 0.00
ALLEGHENY___COGEN 23514	42.44 3.11 0.00	36.14 2.11 0.00	32.99 1.78 0.00	31.68 1.62 0.00	30.35 1.31 0.00	29.72 0.95 0.00	29.76 0.92 0.00	29.02 0.40 0.00	31.23 0.12 0.00	35.33 -0.18 0.00	38.02 -0.58 0.00	44.89 -0.68 0.00	48.06 -0.44 0.00	51.83 -0.52 0.00	54.83 -2.29 0.00	60.00 -2.18 0.00	71.36 -1.23 0.00	82.79 0.25 0.00	94.65 3.98 0.00	96.37 6.48 0.00	88.37 6.55 0.00	73.93 4.25 0.00	65.56 3.71 0.00	53.62 2.41 0.00
ALTAMONT_115KV_TB 2 55880	40.35 1.02 0.00	35.02 0.99 0.00	32.21 1.00 0.00	30.99 0.93 0.00	30.01 0.96 0.00	29.73 0.95 0.00	29.81 0.98 0.00	29.56 0.94 0.00	32.04 0.93 0.00	36.36 0.85 0.00	39.30 0.69 0.00	46.30 0.73 0.00	49.27 0.78 0.00	53.14 0.79 0.00	58.09 0.97 0.00	63.30 1.12 0.00	74.26 1.67 0.00	85.10 2.56 0.00	93.48 2.81 0.00	92.50 2.61 0.00	83.79 1.96 0.00	71.00 1.32 0.00	62.53 0.68 0.00	51.87 0.67 0.00
ALTONA_WT_PWR 323606	38.11 -1.22 0.00	33.08 -0.95 0.00	30.31 -0.91 0.00	29.25 -0.81 0.00	28.32 -0.73 0.00	28.03 -0.75 0.00	28.06 -0.78 0.00	27.87 -0.74 0.00	30.45 -0.65 0.00	34.98 -0.53 0.00	38.06 -0.54 0.00	44.84 -0.73 0.00	47.19 -1.31 0.00	50.05 -2.30 0.00	54.04 -3.09 0.00	58.76 -3.42 0.00	68.16 -4.43 0.00	76.60 -5.94 0.00	84.14 -6.53 0.00	84.05 -5.84 0.00	77.40 -4.42 0.00	67.45 -2.23 0.00	60.61 -1.24 0.00	50.49 -0.72 0.00
AMERICAN_REF_FUEL 24010	39.81 0.47 0.00	33.86 -0.17 0.00	30.62 -0.59 0.00	29.91 -0.15 0.00	28.23 -0.81 0.00	27.97 -0.81 0.00	27.91 -0.92 0.00	27.59 -1.03 0.00	30.11 -1.00 0.00	34.41 -1.10 0.00	37.21 -1.39 0.00	44.07 -1.50 0.00	47.09 -1.41 0.00	50.42 -1.94 0.00	55.07 -2.05 0.00	60.07 -2.11 0.00	70.56 -2.03 0.00	80.64 -1.90 0.00	90.66 0.00 0.00	90.35 0.45 0.00	81.82 0.00 0.00	68.08 -1.60 0.00	61.29 -0.56 0.00	50.65 -0.56 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	39.84 0.51 0.00	33.69 -0.34 0.00	30.71 -0.50 0.00	29.49 -0.57 0.00	28.18 -0.87 0.00	27.59 -1.18 0.00	27.94 -0.89 0.00	27.76 -0.86 0.00	30.57 -0.53 0.00	35.09 -0.42 0.00	38.06 -0.54 0.00	45.26 -0.32 0.00	48.35 -0.15 0.00	51.93 -0.42 0.00	56.49 -0.63 0.00	61.93 -0.25 0.00	73.03 0.44 0.00	83.94 1.40 0.00	94.65 3.98 0.00	94.57 4.67 0.00	85.59 3.77 0.00	71.21 1.53 0.00	63.70 1.85 0.00	52.03 0.82 0.00
ARTHUR KILL_GT_1 23520	42.52 3.19 0.00	36.72 2.69 0.00	33.56 2.34 0.00	32.22 2.16 0.00	31.25 2.21 0.00	30.93 2.16 0.00	31.08 2.25 0.00	30.88 2.26 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.42 2.82 0.00	48.90 3.33 0.00	51.74 3.25 0.00	53.59 2.98 1.75	54.04 3.48 6.56	54.78 3.36 10.76	57.04 4.86 20.42	77.93 6.44 11.05	90.82 6.98 6.83	89.36 6.38 6.92	77.08 4.91 9.65	59.19 3.07 13.55	53.97 1.61 9.48	52.41 2.00 0.79
ARTHUR_KILL_2 23512	42.37 3.03 -0.01	36.60 2.55 -0.01	33.49 2.28 0.00	32.16 2.10 0.00	31.14 2.09 0.00	30.88 2.10 0.00	30.97 2.13 0.00	30.85 2.23 0.00	33.56 2.46 0.00	37.96 2.45 0.00	41.30 2.70 0.00	48.76 3.19 0.00	51.55 3.06 0.00	53.48 2.88 1.75	53.87 3.31 6.56	54.47 3.05 10.76	56.68 4.50 20.42	77.51 6.02 11.05	90.37 6.53 6.83	88.91 5.93 6.92	77.00 4.83 9.65	58.77 2.65 13.55	53.60 1.24 9.48	52.10 1.69 0.79
ARTHUR_KILL_3 23513	41.89 2.56 0.00	36.28 2.25 0.00	33.18 1.97 0.00	31.92 1.86 0.00	30.88 1.83 0.00	30.73 1.96 0.00	30.88 2.05 0.00	30.82 2.20 0.00	33.47 2.36 0.00	37.85 2.34 0.00	41.11 2.51 0.00	48.26 2.69 0.00	51.40 2.91 0.00	53.84 3.25 1.76	54.21 3.66 6.57	54.96 3.54 10.76	56.96 4.79 20.43	77.93 6.44 11.05	90.54 6.71 6.83	89.17 6.20 6.93	77.24 5.07 9.65	58.97 2.86 13.56	54.21 1.85 9.49	52.56 2.15 0.80

ARTHUR_KILL_COGEN 323718	42.52 3.18 -0.01	36.73 2.69 -0.01	33.59 2.37 0.00	32.25 2.19 0.00	31.23 2.18 0.00	30.96 2.19 0.00	31.09 2.25 0.00	30.93 2.32 0.00	33.65 2.55 0.00	38.10 2.59 0.00	41.42 2.82 0.00	48.90 3.33 0.00	51.74 3.25 0.00	53.69 3.09 1.75	54.10 3.54 6.56	54.78 3.36 10.76	57.04 4.86 20.42	77.93 6.44 11.05	90.82 6.98 6.83	89.36 6.38 6.92	77.42 5.24 9.65	59.12 2.99 13.55	53.91 1.55 9.48	52.31 1.90 0.79
ASHOKAN____ 23654	41.65 2.32 0.00	36.08 2.04 0.00	33.06 1.84 0.00	31.83 1.77 0.00	30.76 1.71 0.00	30.42 1.64 0.00	30.36 1.53 0.00	29.93 1.32 0.00	32.41 1.31 0.00	36.65 1.14 0.00	39.72 1.12 0.00	46.80 1.23 0.00	49.90 1.41 0.00	54.29 1.94 0.00	59.52 2.40 0.00	65.04 2.86 0.00	77.02 4.43 0.00	88.90 6.36 0.00	98.01 7.34 0.00	97.00 7.10 0.00	87.88 6.05 0.00	73.72 4.04 0.00	64.82 2.97 0.00	53.62 2.41 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.41 3.07 -0.01	36.73 2.69 -0.01	33.59 2.37 -0.01	32.29 2.22 -0.01	31.29 2.24 -0.01	31.11 2.33 -0.01	31.26 2.42 -0.01	31.17 2.55 -0.01	33.72 2.61 0.00	38.14 2.63 0.00	41.47 2.86 -0.01	48.86 3.28 0.00	51.94 3.44 0.00	56.08 3.72 -0.01	61.24 4.12 -0.01	66.05 3.86 -0.01	77.60 5.00 -0.01	89.23 6.68 -0.01	97.83 7.16 -0.01	96.46 6.56 -0.01	87.23 5.40 -0.01	72.82 3.14 -0.01	63.89 2.04 -0.01	53.67 2.46 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.41 3.07 -0.01	36.73 2.69 -0.01	33.59 2.37 -0.01	32.29 2.22 -0.01	31.29 2.24 -0.01	31.11 2.33 -0.01	31.26 2.42 -0.01	31.17 2.55 -0.01	33.72 2.61 0.00	38.14 2.63 0.00	41.47 2.86 -0.01	48.86 3.28 0.00	51.94 3.44 0.00	56.08 3.72 -0.01	61.24 4.12 -0.01	66.05 3.86 -0.01	77.60 5.00 -0.01	89.23 6.68 -0.01	97.83 7.16 -0.01	96.46 6.56 -0.01	87.23 5.40 -0.01	72.82 3.14 -0.01	63.89 2.04 -0.01	53.67 2.46 -0.01
ASTORIA_GT2_1 24094	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT2_2 24095	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT2_3 24096	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT2_4 24097	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT3_1 24098	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT3_2 24099	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT3_3 24100	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT3_4 24101	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT4_1 24102	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT4_2 24103	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT4_3 24104	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01

ASTORIA_GT4_4 24105	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 -0.01	32.29 2.22 -0.01	31.32 2.27 -0.01	31.09 2.30 -0.01	31.26 2.42 -0.01	31.11 2.49 -0.01	33.72 2.61 0.00	38.10 2.59 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.03 3.66 -0.01	61.19 4.06 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.69 -0.01	97.93 7.25 -0.01	96.56 6.65 -0.01	86.90 5.07 -0.01	72.96 3.27 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
ASTORIA_GT_1 23523	42.52 3.19 0.00	36.79 2.76 0.00	33.63 2.40 -0.01	32.32 2.25 -0.01	31.38 2.32 -0.01	31.14 2.36 -0.01	31.32 2.48 -0.01	31.17 2.55 -0.01	33.78 2.67 0.00	38.17 2.66 0.00	41.58 2.97 -0.01	48.99 3.42 0.00	52.08 3.59 0.00	56.13 3.77 -0.01	61.36 4.23 -0.01	66.23 4.04 -0.01	77.90 5.30 -0.01	89.48 6.93 -0.01	98.20 7.53 -0.01	96.83 6.92 -0.01	87.15 5.32 -0.01	73.10 3.41 -0.01	64.14 2.29 -0.01	53.93 2.71 -0.01
ASTORIA_GT_10 24110	42.24 2.91 0.00	36.59 2.55 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.96 2.45 0.00	41.30 2.70 0.00	48.67 3.10 0.00	51.74 3.25 0.00	55.76 3.40 0.00	60.95 3.83 0.00	65.85 3.67 0.00	77.45 4.86 0.01	88.97 6.44 0.01	97.55 6.89 0.01	96.18 6.29 0.01	86.64 4.83 0.01	71.31 3.00 1.37	63.82 1.98 0.01	53.62 2.41 0.00
ASTORIA_GT_11 24225	42.24 2.91 0.00	36.59 2.55 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.96 2.45 0.00	41.30 2.70 0.00	48.67 3.10 0.00	51.74 3.25 0.00	55.76 3.40 0.00	60.95 3.83 0.00	65.85 3.67 0.00	77.45 4.86 0.01	88.97 6.44 0.01	97.55 6.89 0.01	96.18 6.29 0.01	86.64 4.83 0.01	71.31 3.00 1.37	63.82 1.98 0.01	53.62 2.41 0.00
ASTORIA_GT_12 24226	42.24 2.91 0.00	36.59 2.55 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.96 2.45 0.00	41.30 2.70 0.00	48.67 3.10 0.00	51.74 3.25 0.00	55.76 3.40 0.00	60.95 3.83 0.00	65.85 3.67 0.00	77.45 4.86 0.01	88.97 6.44 0.01	97.55 6.89 0.01	96.18 6.29 0.01	86.64 4.83 0.01	71.31 3.00 1.37	63.82 1.98 0.01	53.62 2.41 0.00
ASTORIA_GT_13 24227	42.24 2.91 0.00	36.59 2.55 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.96 2.45 0.00	41.30 2.70 0.00	48.67 3.10 0.00	51.74 3.25 0.00	55.76 3.40 0.00	60.95 3.83 0.00	65.85 3.67 0.00	77.45 4.86 0.01	88.97 6.44 0.01	97.55 6.89 0.01	96.18 6.29 0.01	86.64 4.83 0.01	71.31 3.00 1.37	63.82 1.98 0.01	53.62 2.41 0.00
ASTORIA_GT_5 24106	42.52 3.19 0.00	36.79 2.76 0.00	33.63 2.40 -0.01	32.32 2.25 -0.01	31.38 2.32 -0.01	31.14 2.36 -0.01	31.32 2.48 -0.01	31.17 2.55 -0.01	33.78 2.67 0.00	38.17 2.66 0.00	41.58 2.97 -0.01	48.99 3.42 0.00	52.08 3.59 0.00	56.13 3.77 -0.01	61.36 4.23 -0.01	66.23 4.04 -0.01	77.90 5.30 -0.01	89.48 6.93 -0.01	98.20 7.53 -0.01	96.83 6.92 -0.01	87.15 5.32 -0.01	73.10 3.41 -0.01	64.14 2.29 -0.01	53.93 2.71 -0.01
ASTORIA_GT_7 24107	42.52 3.19 0.00	36.79 2.76 0.00	33.63 2.40 -0.01	32.32 2.25 -0.01	31.38 2.32 -0.01	31.14 2.36 -0.01	31.32 2.48 -0.01	31.17 2.55 -0.01	33.78 2.67 0.00	38.17 2.66 0.00	41.58 2.97 -0.01	48.99 3.42 0.00	52.08 3.59 0.00	56.13 3.77 -0.01	61.36 4.23 -0.01	66.23 4.04 -0.01	77.90 5.30 -0.01	89.48 6.93 -0.01	98.20 7.53 -0.01	96.83 6.92 -0.01	87.15 5.32 -0.01	73.10 3.41 -0.01	64.14 2.29 -0.01	53.93 2.71 -0.01
ASTORIA_GT_8 24108	42.52 3.19 0.00	36.79 2.76 0.00	33.63 2.40 -0.01	32.32 2.25 -0.01	31.38 2.32 -0.01	31.14 2.36 -0.01	31.32 2.48 -0.01	31.17 2.55 -0.01	33.78 2.67 0.00	38.17 2.66 0.00	41.58 2.97 -0.01	48.99 3.42 0.00	52.08 3.59 0.00	56.13 3.77 -0.01	61.36 4.23 -0.01	66.23 4.04 -0.01	77.90 5.30 -0.01	89.48 6.93 -0.01	98.20 7.53 -0.01	96.83 6.92 -0.01	87.15 5.32 -0.01	73.10 3.41 -0.01	64.14 2.29 -0.01	53.93 2.71 -0.01
ASTORIA___2 24149	42.45 3.11 -0.01	36.73 2.69 -0.01	33.59 2.37 -0.01	32.29 2.22 -0.01	31.29 2.24 -0.01	31.11 2.33 -0.01	31.26 2.42 -0.01	31.17 2.55 -0.01	33.74 2.64 0.00	38.17 2.66 0.00	41.47 2.86 -0.01	48.90 3.33 0.00	51.94 3.44 0.00	56.08 3.72 -0.01	61.24 4.12 -0.01	66.11 3.92 -0.01	77.68 5.08 -0.01	89.23 6.68 -0.01	97.83 7.16 -0.01	96.56 6.65 -0.01	87.31 5.48 -0.01	72.89 3.21 -0.01	63.89 2.04 -0.01	53.72 2.51 -0.01
ASTORIA___3 23516	42.25 2.91 -0.01	36.60 2.55 -0.01	33.43 2.22 0.00	32.13 2.07 0.00	31.11 2.06 0.00	30.94 2.16 0.00	31.05 2.22 0.00	30.96 2.35 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.74 3.25 0.00	55.86 3.51 0.00	61.01 3.89 0.00	65.85 3.67 0.00	77.45 4.86 0.01	89.05 6.52 0.01	97.54 6.89 0.01	96.18 6.29 0.01	86.97 5.16 0.01	71.30 2.99 1.37	63.69 1.85 0.01	53.51 2.31 0.00
ASTORIA___4 23517	42.24 2.91 0.00	36.59 2.55 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.96 2.45 0.00	41.30 2.70 0.00	48.67 3.10 0.00	51.74 3.25 0.00	55.76 3.40 0.00	60.95 3.83 0.00	65.85 3.67 0.00	77.45 4.86 0.01	88.97 6.44 0.01	97.55 6.89 0.01	96.18 6.29 0.01	86.64 4.83 0.01	71.31 3.00 1.37	63.82 1.98 0.01	53.62 2.41 0.00
ASTORIA___5 23518	42.25 2.91 -0.01	36.60 2.55 -0.01	33.43 2.22 0.00	32.13 2.07 0.00	31.11 2.06 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.96 2.35 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.74 3.25 0.00	55.86 3.51 0.00	61.01 3.89 0.00	65.85 3.67 0.00	77.45 4.86 0.01	89.05 6.52 0.01	97.54 6.89 0.01	96.18 6.29 0.01	86.97 5.16 0.01	71.30 2.99 1.37	63.69 1.85 0.01	53.51 2.31 0.00
AST_ENERGY_2_CC3 323677	37.72 2.68 4.29	36.35 2.32 0.00	33.31 2.09 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	30.97 2.13 0.00	30.85 2.23 0.00	33.53 2.43 0.00	37.72 2.42 0.21	38.96 2.55 2.19	38.96 2.87 9.49	38.96 3.11 12.64	38.96 3.45 16.85	38.96 3.89 22.05	38.96 3.79 27.02	45.37 5.15 32.38	66.25 6.85 23.14	78.95 7.26 18.97	77.58 6.65 18.97	65.65 5.57 21.74	47.38 3.28 25.57	38.96 2.16 25.05	38.96 2.41 14.66
AST_ENERGY_2_CC4 323678	37.72 2.68 4.29	36.35 2.32 0.00	33.31 2.09 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	30.97 2.13 0.00	30.85 2.23 0.00	33.53 2.43 0.00	37.72 2.42 0.21	38.96 2.55 2.19	38.96 2.87 9.49	38.96 3.11 12.64	38.96 3.45 16.85	38.96 3.89 22.05	38.96 3.79 27.02	45.37 5.15 32.38	66.25 6.85 23.14	78.95 7.26 18.97	77.58 6.65 18.97	65.65 5.57 21.74	47.38 3.28 25.57	38.96 2.16 25.05	38.96 2.41 14.66

ATHENS_STG_1 23668	40.59 1.26 0.00	35.19 1.16 0.00	32.34 1.12 0.00	31.14 1.08 0.00	30.12 1.08 0.00	29.93 1.15 0.00	29.99 1.15 0.00	29.76 1.15 0.00	32.25 1.15 0.00	36.54 1.03 0.00	39.64 1.04 0.00	46.71 1.14 0.00	49.75 1.26 0.00	53.82 1.46 0.00	58.78 1.66 0.00	63.86 1.68 0.00	74.98 2.39 0.00	86.01 3.47 0.00	94.29 3.63 0.00	93.13 3.23 0.00	84.52 2.70 0.00	71.28 1.60 0.00	62.65 0.80 0.00	52.13 0.92 0.00
ATHENS_STG_2 23670	40.59 1.26 0.00	35.19 1.16 0.00	32.34 1.12 0.00	31.14 1.08 0.00	30.12 1.08 0.00	29.93 1.15 0.00	29.99 1.15 0.00	29.76 1.15 0.00	32.25 1.15 0.00	36.54 1.03 0.00	39.64 1.04 0.00	46.71 1.14 0.00	49.75 1.26 0.00	53.82 1.46 0.00	58.78 1.66 0.00	63.86 1.68 0.00	74.98 2.39 0.00	86.01 3.47 0.00	94.29 3.63 0.00	93.13 3.23 0.00	84.52 2.70 0.00	71.28 1.60 0.00	62.65 0.80 0.00	52.13 0.92 0.00
ATHENS_STG_3 23677	40.59 1.26 0.00	35.19 1.16 0.00	32.34 1.12 0.00	31.14 1.08 0.00	30.12 1.08 0.00	29.93 1.15 0.00	29.99 1.15 0.00	29.76 1.15 0.00	32.25 1.15 0.00	36.54 1.03 0.00	39.64 1.04 0.00	46.71 1.14 0.00	49.75 1.26 0.00	53.82 1.46 0.00	58.78 1.66 0.00	63.86 1.68 0.00	74.98 2.39 0.00	86.01 3.47 0.00	94.29 3.63 0.00	93.13 3.23 0.00	84.52 2.70 0.00	71.28 1.60 0.00	62.65 0.80 0.00	52.13 0.92 0.00
AUBURN___LFGE 323710	40.04 0.71 0.00	34.48 0.44 0.00	31.50 0.28 0.00	30.30 0.24 0.00	29.16 0.12 0.00	28.86 0.09 0.00	28.92 0.09 0.00	28.73 0.11 0.00	31.32 0.22 0.00	35.69 0.18 0.00	38.91 0.31 0.00	46.08 0.50 0.00	49.17 0.68 0.00	53.19 0.84 0.00	58.09 0.97 0.00	63.24 1.06 0.00	74.41 1.81 0.00	85.02 2.48 0.00	94.38 3.72 0.00	93.94 4.05 0.00	85.18 3.35 0.00	71.84 2.16 0.00	63.33 1.48 0.00	52.18 0.97 0.00
BABYLON_RES_REC 323704	42.83 3.50 0.00	36.86 2.82 0.00	33.56 2.34 0.00	32.25 2.19 0.00	31.14 2.09 0.00	30.94 2.16 0.00	30.85 2.02 0.00	30.82 2.20 0.00	33.78 2.68 0.00	38.35 2.84 0.00	45.35 3.28 -3.47	49.53 3.65 -0.31	52.13 3.64 0.00	55.39 3.09 0.06	60.88 3.94 0.18	65.91 3.92 0.19	77.96 5.37 0.00	90.22 7.68 -0.01	98.83 8.16 0.00	96.45 6.56 0.00	86.44 5.16 0.54	72.24 2.99 0.43	58.33 2.29 5.81	52.74 1.53 0.00
BALL_HILL_WT_PWR 323825	40.00 0.67 0.00	34.00 -0.03 0.00	31.09 -0.12 0.00	29.91 -0.15 0.00	28.58 -0.47 0.00	28.00 -0.78 0.00	28.32 -0.52 0.00	28.01 -0.60 0.00	30.70 -0.41 0.00	35.12 -0.39 0.00	38.02 -0.58 0.00	45.07 -0.50 0.00	48.21 -0.29 0.00	51.78 -0.57 0.00	56.44 -0.68 0.00	61.62 -0.56 0.00	72.52 -0.07 0.00	83.12 0.58 0.00	93.48 2.81 0.00	93.31 3.42 0.00	84.44 2.62 0.00	70.37 0.70 0.00	63.02 1.17 0.00	51.72 0.51 0.00
BARON_WINDS___WT_PWR 323822	40.12 0.79 0.00	34.27 0.24 0.00	31.28 0.06 0.00	30.06 0.00 0.00	28.78 -0.26 0.00	28.26 -0.52 0.00	28.43 -0.40 0.00	28.07 -0.54 0.00	30.54 -0.56 0.00	34.91 -0.60 0.00	37.79 -0.81 0.00	44.80 -0.78 0.00	47.82 -0.68 0.00	51.52 -0.84 0.00	55.98 -1.14 0.00	61.06 -1.12 0.00	72.01 -0.58 0.00	82.62 0.08 0.00	92.75 2.09 0.00	92.95 3.06 0.00	84.76 2.94 0.00	70.79 1.11 0.00	62.90 1.05 0.00	51.67 0.46 0.00
BARRETT_IC_1 23704	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.87 3.66 -0.09	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.65 6.98 0.00	95.56 5.67 0.00	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT_IC_10 23701	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.80 3.66 -0.02	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.63 6.98 0.02	95.55 5.67 0.02	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT_IC_11 23702	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.80 3.66 -0.02	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.63 6.98 0.02	95.55 5.67 0.02	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT_IC_12 23703	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.80 3.66 -0.02	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.63 6.98 0.02	95.55 5.67 0.02	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT_IC_2 23705	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.87 3.66 -0.09	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.65 6.98 0.00	95.56 5.67 0.00	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT_IC_3 23706	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.87 3.66 -0.09	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.65 6.98 0.00	95.56 5.67 0.00	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT_IC_4 23707	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.87 3.66 -0.09	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.65 6.98 0.00	95.56 5.67 0.00	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT_IC_5 23708	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.87 3.66 -0.09	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.65 6.98 0.00	95.56 5.67 0.00	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01

BARRETT_IC_6 23709	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.87 3.66 -0.09	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.65 6.98 0.00	95.56 5.67 0.00	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT_IC_7 23710	42.48 3.15 0.00	36.62 2.59 0.00	33.37 2.15 0.00	32.10 2.04 0.00	31.05 2.00 0.00	30.79 2.01 0.00	30.77 1.93 0.00	30.68 2.06 0.00	33.56 2.46 0.00	38.10 2.59 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.07 3.49 -0.09	55.23 2.88 0.00	60.81 3.60 -0.09	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.69 0.00	97.74 7.07 0.00	95.56 5.66 0.00	85.83 4.01 0.00	72.53 2.86 0.00	74.95 2.66 -10.44	52.85 1.64 0.00
BARRETT_IC_8 23711	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.87 3.66 -0.09	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.65 6.98 0.00	95.56 5.67 0.00	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT_IC_9 23700	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.80 3.66 -0.02	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.63 6.98 0.02	95.55 5.67 0.02	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT___1 23545	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.87 3.66 -0.09	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.65 6.98 0.00	95.56 5.67 0.00	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BARRETT___2 23546	42.48 3.15 0.00	36.62 2.59 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.77 1.93 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	47.36 2.86 -5.90	52.21 3.19 -3.45	52.02 3.44 -0.09	55.29 2.93 -0.01	60.80 3.66 -0.02	65.66 3.48 0.00	77.46 4.86 0.00	89.23 6.68 -0.01	97.63 6.98 0.02	95.55 5.67 0.02	86.32 4.50 0.00	72.26 2.58 0.00	74.45 2.16 -10.44	52.70 1.49 -0.01
BATAVIA___115KV_TB1 55881	41.50 2.16 0.00	35.26 1.23 0.00	31.87 0.66 0.00	30.93 0.87 0.00	29.19 0.15 0.00	29.06 0.29 0.00	28.98 0.14 0.00	28.70 0.09 0.00	31.20 0.09 0.00	35.65 0.14 0.00	38.91 0.31 0.00	46.17 0.59 0.00	49.37 0.87 0.00	52.93 0.58 0.00	57.98 0.86 0.00	63.30 1.12 0.00	74.48 1.89 0.00	85.43 2.89 0.00	96.29 5.62 0.00	96.28 6.38 0.00	86.89 5.07 0.00	72.74 3.07 0.00	64.75 2.91 0.00	53.15 1.95 0.00
BAYONEEC___CTG1 323682	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.99 2.48 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.92 3.56 0.00	61.12 4.00 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.39 6.85 0.00	97.92 7.26 0.00	96.55 6.65 0.00	87.39 5.57 0.00	72.95 3.28 0.00	64.01 2.16 0.00	53.67 2.46 0.00
BAYONEEC___CTG10 323750	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.99 2.48 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.92 3.56 0.00	61.12 4.00 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.39 6.85 0.00	97.92 7.26 0.00	96.55 6.65 0.00	87.39 5.57 0.00	72.95 3.28 0.00	64.01 2.16 0.00	53.67 2.46 0.00
BAYONEEC___CTG2 323683	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.99 2.48 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.92 3.56 0.00	61.12 4.00 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.39 6.85 0.00	97.92 7.26 0.00	96.55 6.65 0.00	87.39 5.57 0.00	72.95 3.28 0.00	64.01 2.16 0.00	53.67 2.46 0.00
BAYONEEC___CTG3 323684	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.99 2.48 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.92 3.56 0.00	61.12 4.00 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.39 6.85 0.00	97.92 7.26 0.00	96.55 6.65 0.00	87.39 5.57 0.00	72.95 3.28 0.00	64.01 2.16 0.00	53.67 2.46 0.00
BAYONEEC___CTG4 323685	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.99 2.48 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.92 3.56 0.00	61.12 4.00 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.39 6.85 0.00	97.92 7.26 0.00	96.55 6.65 0.00	87.39 5.57 0.00	72.95 3.28 0.00	64.01 2.16 0.00	53.67 2.46 0.00
BAYONEEC___CTG5 323686	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.99 2.48 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.92 3.56 0.00	61.12 4.00 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.39 6.85 0.00	97.92 7.26 0.00	96.55 6.65 0.00	87.39 5.57 0.00	72.95 3.28 0.00	64.01 2.16 0.00	53.67 2.46 0.00
BAYONEEC___CTG6 323687	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.99 2.48 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.92 3.56 0.00	61.12 4.00 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.39 6.85 0.00	97.92 7.26 0.00	96.55 6.65 0.00	87.39 5.57 0.00	72.95 3.28 0.00	64.01 2.16 0.00	53.67 2.46 0.00
BAYONEEC___CTG7 323688	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.99 2.48 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.92 3.56 0.00	61.12 4.00 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.39 6.85 0.00	97.92 7.26 0.00	96.55 6.65 0.00	87.39 5.57 0.00	72.95 3.28 0.00	64.01 2.16 0.00	53.67 2.46 0.00

BAYONEEC___CTG8 323689	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.99 2.48 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.92 3.56 0.00	61.12 4.00 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.39 6.85 0.00	97.92 7.26 0.00	96.55 6.65 0.00	87.39 5.57 0.00	72.95 3.28 0.00	64.01 2.16 0.00	53.67 2.46 0.00
BAYONEEC___CTG9 323749	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.59 2.49 0.00	37.99 2.48 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.92 3.56 0.00	61.12 4.00 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.39 6.85 0.00	97.92 7.26 0.00	96.55 6.65 0.00	87.39 5.57 0.00	72.95 3.28 0.00	64.01 2.16 0.00	53.67 2.46 0.00
BEACON___LESR 323632	40.51 1.18 0.00	35.26 1.22 0.00	32.31 1.09 0.00	31.11 1.05 0.00	30.06 1.02 0.00	29.87 1.09 0.00	29.93 1.10 0.00	29.64 1.03 0.00	32.19 1.09 0.00	36.50 0.99 0.00	39.49 0.89 0.00	46.58 1.00 0.00	49.46 0.97 0.00	53.40 1.05 0.00	58.44 1.31 0.00	63.67 1.49 0.00	74.77 2.18 0.00	86.01 3.47 0.00	94.29 3.63 0.00	93.40 3.50 0.00	84.61 2.78 0.00	71.42 1.74 0.00	62.65 0.80 0.00	52.03 0.82 0.00
BEAVER RIVER___HYD 24048	39.73 0.39 0.00	34.30 0.27 0.00	31.37 0.16 0.00	30.18 0.12 0.00	29.25 0.20 0.00	28.95 0.17 0.00	28.86 0.03 0.00	28.59 -0.03 0.00	31.10 0.00 0.00	35.37 -0.14 0.00	38.49 -0.12 0.00	45.67 0.09 0.00	48.49 0.00 0.00	52.35 0.00 0.00	57.12 0.00 0.00	62.18 0.00 0.00	73.17 0.58 0.00	83.69 1.15 0.00	94.93 4.26 0.00	94.84 4.94 0.00	86.88 4.74 -0.32	73.75 4.04 -0.03	65.12 3.28 0.00	53.51 2.31 0.00
BEEBEE_GT_13 23619	40.51 1.18 0.00	34.61 0.58 0.00	31.56 0.34 0.00	30.42 0.36 0.00	29.08 0.03 0.00	28.75 -0.03 0.00	28.78 -0.06 0.00	28.59 -0.03 0.00	31.20 0.09 0.00	35.69 0.18 0.00	38.99 0.39 0.00	46.21 0.64 0.00	49.37 0.87 0.00	53.24 0.89 0.00	58.21 1.09 0.00	63.49 1.31 0.00	74.55 1.96 0.00	85.10 2.56 0.00	95.02 4.35 0.00	94.48 4.58 0.00	85.50 3.68 0.00	71.91 2.23 0.00	63.83 1.98 0.00	52.49 1.28 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.60 3.26 0.00	36.79 2.76 0.00	33.62 2.40 0.00	32.28 2.22 0.00	31.31 2.27 0.00	31.02 2.24 0.00	31.17 2.34 0.00	30.99 2.38 0.00	33.78 2.67 0.00	38.21 2.70 0.00	41.57 2.97 0.00	49.08 3.51 0.00	52.13 3.64 0.00	56.07 3.72 0.00	61.35 4.23 0.00	66.35 4.17 0.00	78.39 5.81 0.01	89.96 7.43 0.01	98.82 8.16 0.01	97.44 7.55 0.01	87.79 5.97 0.01	73.57 3.90 0.01	64.25 2.41 0.01	53.87 2.66 0.00
BETHLEHEM___GRP 23843	39.84 0.51 0.00	34.75 0.71 0.00	32.12 0.91 0.00	30.93 0.87 0.00	29.95 0.90 0.00	29.67 0.89 0.00	29.76 0.92 0.00	29.47 0.86 0.00	31.97 0.87 0.00	36.22 0.71 0.00	38.87 0.27 0.00	45.76 0.18 0.00	48.64 0.15 0.00	52.46 0.10 0.00	57.35 0.23 0.00	62.56 0.37 0.00	73.39 0.80 0.00	84.19 1.65 0.00	92.30 1.63 0.00	91.33 1.44 0.00	82.64 0.82 0.00	69.96 0.28 0.00	61.54 -0.31 0.00	51.11 -0.10 0.00
BETHLEHEM___GS1 323560	39.84 0.51 0.00	34.71 0.68 0.00	31.87 0.66 0.00	30.69 0.63 0.00	29.68 0.64 0.00	29.50 0.72 0.00	29.53 0.69 0.00	29.24 0.63 0.00	31.72 0.62 0.00	35.97 0.46 0.00	38.87 0.27 0.00	45.76 0.18 0.00	48.64 0.15 0.00	52.51 0.16 0.00	57.41 0.29 0.00	62.56 0.38 0.00	73.39 0.80 0.00	84.28 1.74 0.00	92.30 1.63 0.00	91.33 1.43 0.00	82.81 0.99 0.00	69.96 0.28 0.00	61.48 -0.37 0.00	51.06 -0.15 0.00
BETHLEHEM___GS2 323561	39.84 0.51 0.00	34.71 0.68 0.00	31.87 0.66 0.00	30.69 0.63 0.00	29.68 0.64 0.00	29.50 0.72 0.00	29.53 0.69 0.00	29.24 0.63 0.00	31.72 0.62 0.00	35.97 0.46 0.00	38.87 0.27 0.00	45.76 0.18 0.00	48.64 0.15 0.00	52.51 0.16 0.00	57.41 0.29 0.00	62.56 0.38 0.00	73.39 0.80 0.00	84.28 1.74 0.00	92.30 1.63 0.00	91.33 1.43 0.00	82.81 0.99 0.00	69.96 0.28 0.00	61.48 -0.37 0.00	51.06 -0.15 0.00
BETHLEHEM___GS3 323562	39.84 0.51 0.00	34.71 0.68 0.00	31.87 0.66 0.00	30.69 0.63 0.00	29.68 0.64 0.00	29.50 0.72 0.00	29.53 0.69 0.00	29.24 0.63 0.00	31.72 0.62 0.00	35.97 0.46 0.00	38.87 0.27 0.00	45.76 0.18 0.00	48.64 0.15 0.00	52.51 0.16 0.00	57.41 0.29 0.00	62.56 0.38 0.00	73.39 0.80 0.00	84.28 1.74 0.00	92.30 1.63 0.00	91.33 1.43 0.00	82.81 0.99 0.00	69.96 0.28 0.00	61.48 -0.37 0.00	51.06 -0.15 0.00
BETHLEHEM___STEEL 23779	40.00 0.67 0.00	34.00 -0.03 0.00	30.84 -0.37 0.00	29.82 -0.24 0.00	28.29 -0.76 0.00	28.00 -0.78 0.00	28.08 -0.75 0.00	27.93 -0.69 0.00	30.42 -0.68 0.00	34.84 -0.67 0.00	37.91 -0.69 0.00	44.98 -0.59 0.00	48.06 -0.44 0.00	51.57 -0.79 0.00	56.26 -0.86 0.00	61.44 -0.75 0.00	72.23 -0.36 0.00	82.70 0.17 0.00	93.02 2.36 0.00	92.86 2.97 0.00	83.70 1.88 0.00	70.10 0.42 0.00	62.53 0.68 0.00	51.36 0.15 0.00
BETHLHEM_115KV_TB1 79974	39.96 0.63 0.00	34.82 0.78 0.00	32.15 0.94 0.00	30.93 0.87 0.00	29.95 0.90 0.00	29.70 0.92 0.00	29.76 0.92 0.00	29.50 0.89 0.00	31.97 0.87 0.00	36.26 0.75 0.00	38.99 0.39 0.00	45.89 0.32 0.00	48.79 0.29 0.00	52.62 0.26 0.00	57.52 0.40 0.00	62.68 0.50 0.00	73.54 0.94 0.00	84.36 1.82 0.00	92.48 1.81 0.00	91.51 1.62 0.00	82.80 0.98 0.00	70.17 0.49 0.00	61.72 -0.12 0.00	51.26 0.05 0.00
BETHPAGE_CC_5 323564	42.79 3.46 0.00	36.86 2.82 0.00	33.59 2.37 0.00	32.28 2.22 0.00	31.17 2.12 0.00	30.96 2.19 0.00	30.91 2.08 0.00	30.88 2.26 0.00	33.81 2.70 0.00	38.42 2.91 0.00	45.42 3.28 -3.54	49.44 3.46 -0.40	51.99 3.49 0.00	55.35 3.04 0.04	60.76 3.77 0.14	65.72 3.67 0.13	77.60 5.00 0.00	89.65 7.10 -0.01	98.10 7.44 0.00	95.92 6.02 0.00	86.03 4.58 0.37	72.03 2.65 0.29	58.83 1.98 5.00	52.59 1.38 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.96 0.63 0.00	33.97 -0.07 0.00	30.81 -0.41 0.00	29.79 -0.27 0.00	28.23 -0.81 0.00	27.94 -0.83 0.00	28.03 -0.81 0.00	27.90 -0.72 0.00	30.39 -0.72 0.00	34.84 -0.67 0.00	37.91 -0.69 0.00	44.98 -0.59 0.00	48.11 -0.39 0.00	51.62 -0.73 0.00	56.26 -0.86 0.00	61.50 -0.68 0.00	72.30 -0.29 0.00	82.79 0.25 0.00	93.11 2.45 0.00	92.95 3.06 0.00	83.79 1.96 0.00	70.17 0.49 0.00	62.53 0.68 0.00	51.36 0.15 0.00
BINGHAMTON___COGEN 23790	40.12 0.79 0.00	34.54 0.51 0.00	31.59 0.37 0.00	30.42 0.36 0.00	29.25 0.20 0.00	29.01 0.23 0.00	29.09 0.26 0.00	28.87 0.26 0.00	31.41 0.31 0.00	35.76 0.25 0.00	38.87 0.27 0.00	46.03 0.46 0.00	49.08 0.58 0.00	52.98 0.63 0.00	57.86 0.74 0.00	63.05 0.87 0.00	74.12 1.52 0.00	84.69 2.15 0.00	93.93 3.26 0.00	93.40 3.51 0.00	84.60 2.78 0.00	71.35 1.67 0.00	62.96 1.11 0.00	51.93 0.72 0.00

BIXINCNT_115KV_LOAD 355685	39.57 0.24 0.00	33.56 -0.48 0.00	30.37 -0.84 0.00	29.19 -0.87 0.00	27.62 -1.42 0.00	27.39 -1.38 0.00	27.48 -1.36 0.00	27.44 -1.17 0.00	30.01 -1.09 0.00	34.52 -0.99 0.00	37.56 -1.04 0.00	44.48 -1.09 0.00	47.38 -1.12 0.00	50.78 -1.57 0.00	55.12 -2.00 0.00	60.25 -1.93 0.00	70.99 -1.60 0.00	81.63 -0.91 0.00	91.93 1.27 0.00	92.23 2.34 0.00	83.54 1.72 0.00	69.96 0.28 0.00	62.16 0.31 0.00	50.85 -0.36 0.00
BLACK RIVER___HYD 24047	40.35 1.02 0.00	34.78 0.75 0.00	31.78 0.56 0.00	30.57 0.51 0.00	29.66 0.61 0.00	29.35 0.58 0.00	29.24 0.40 0.00	28.93 0.32 0.00	31.48 0.37 0.00	35.69 0.18 0.00	38.83 0.23 0.00	46.16 0.59 0.00	48.93 0.44 0.00	52.93 0.58 0.00	57.86 0.74 0.00	63.05 0.87 0.00	74.33 1.74 0.00	85.35 2.81 0.00	97.28 6.62 0.00	97.45 7.55 0.00	89.24 7.20 -0.22	75.34 5.64 -0.02	66.36 4.51 0.00	54.38 3.18 0.00
BLACKRVR_115KV_TB2 79977	40.35 1.02 0.00	34.78 0.75 0.00	31.78 0.56 0.00	30.54 0.48 0.00	29.60 0.55 0.00	29.35 0.58 0.00	29.21 0.37 0.00	28.93 0.31 0.00	31.44 0.34 0.00	35.69 0.18 0.00	38.83 0.23 0.00	46.17 0.59 0.00	48.93 0.44 0.00	52.83 0.47 0.00	57.86 0.74 0.00	63.05 0.87 0.00	74.33 1.74 0.00	85.43 2.89 0.00	97.28 6.62 0.00	97.45 7.55 0.00	89.40 7.36 -0.22	75.27 5.57 -0.02	66.30 4.45 0.00	54.33 3.12 0.00
BLDWN_LI_69_KV_BK4 356085	42.83 3.50 0.00	36.89 2.86 0.00	33.62 2.40 0.00	32.31 2.25 0.00	31.25 2.21 0.00	30.96 2.19 0.00	30.97 2.13 0.00	30.88 2.26 0.00	33.81 2.71 0.00	38.42 2.91 0.00	46.04 3.28 -4.16	50.51 3.74 -1.20	52.50 3.98 -0.02	55.86 3.51 0.00	61.54 4.40 -0.02	66.41 4.23 0.00	78.33 5.73 0.00	90.13 7.59 0.00	98.73 8.07 0.00	96.55 6.65 0.00	86.65 4.83 0.00	73.58 3.90 0.00	64.99 3.28 0.13	53.36 2.15 0.00
BLISS_WT_PWR 323608	39.45 0.12 0.00	33.45 -0.58 0.00	30.46 -0.75 0.00	29.16 -0.90 0.00	27.77 -1.28 0.00	27.25 -1.53 0.00	27.51 -1.33 0.00	27.39 -1.23 0.00	30.08 -1.03 0.00	34.62 -0.89 0.00	37.48 -1.12 0.00	44.35 -1.23 0.00	47.14 -1.36 0.00	50.52 -1.83 0.00	54.89 -2.23 0.00	59.88 -2.30 0.00	70.63 -1.96 0.00	81.22 -1.32 0.00	91.57 0.91 0.00	91.96 2.07 0.00	83.78 1.96 0.00	69.82 0.14 0.00	62.34 0.49 0.00	50.95 -0.25 0.00
BLUESTONE___WT_PWR 323821	41.85 2.52 0.00	36.01 1.97 0.00	32.96 1.75 0.00	31.68 1.62 0.00	30.64 1.60 0.00	30.33 1.55 0.00	30.36 1.53 0.00	30.10 1.49 0.00	32.78 1.68 0.00	37.21 1.70 0.00	40.38 1.78 0.00	47.99 2.41 0.00	51.16 2.67 0.00	55.55 3.19 0.00	60.61 3.48 0.00	66.04 3.86 0.00	78.18 5.59 0.00	89.80 7.27 0.00	100.82 10.15 0.00	100.23 10.33 0.00	90.90 9.08 0.00	76.02 6.34 0.00	66.86 5.01 0.00	54.90 3.69 0.00
BLUE_CIRC_CHEM_DRP 24182	40.43 1.10 0.00	35.16 1.12 0.00	32.37 1.15 0.00	31.17 1.11 0.00	30.15 1.10 0.00	29.87 1.09 0.00	29.93 1.10 0.00	29.62 1.00 0.00	32.10 1.00 0.00	36.40 0.89 0.00	39.26 0.66 0.00	46.26 0.68 0.00	49.08 0.58 0.00	51.99 -0.37 0.00	56.84 -0.29 0.00	62.00 -0.19 0.00	72.66 0.07 0.00	83.36 0.83 0.00	91.48 0.82 0.00	90.70 0.81 0.00	82.15 0.33 0.00	69.68 0.00 0.00	61.35 -0.49 0.00	50.95 -0.26 0.00
BOC_GAS_DRP 24189	40.20 0.87 0.00	34.88 0.85 0.00	32.12 0.91 0.00	30.93 0.87 0.00	29.92 0.87 0.00	29.67 0.89 0.00	29.76 0.92 0.00	29.50 0.89 0.00	31.97 0.87 0.00	36.29 0.78 0.00	39.22 0.62 0.00	46.21 0.64 0.00	49.13 0.63 0.00	52.98 0.63 0.00	57.86 0.74 0.00	63.05 0.87 0.00	73.90 1.31 0.00	84.69 2.15 0.00	92.84 2.18 0.00	91.87 1.98 0.00	83.13 1.31 0.00	70.44 0.77 0.00	62.03 0.19 0.00	51.57 0.36 0.00
BOONVILLE_115KV_TB1 79983	40.16 0.83 0.00	34.65 0.61 0.00	31.71 0.50 0.00	30.54 0.48 0.00	29.54 0.49 0.00	29.29 0.52 0.00	29.24 0.40 0.00	29.02 0.40 0.00	31.57 0.47 0.00	35.94 0.43 0.00	39.06 0.46 0.00	46.30 0.73 0.00	49.22 0.73 0.00	53.19 0.84 0.00	58.15 1.03 0.00	63.30 1.12 0.00	74.48 1.89 0.00	85.18 2.64 0.00	95.56 4.90 0.00	95.11 5.21 0.00	86.69 4.75 -0.12	73.17 3.48 -0.01	64.63 2.78 0.00	53.21 2.00 0.00
BORALEX_4TH_BRANCH 23824	41.42 2.08 0.00	35.97 1.94 0.00	32.99 1.78 0.00	31.77 1.71 0.00	30.76 1.71 0.00	30.50 1.73 0.00	30.68 1.85 0.00	30.39 1.77 0.00	32.84 1.74 0.00	37.11 1.60 0.00	40.14 1.54 0.00	47.21 1.64 0.00	50.34 1.84 0.00	54.45 2.09 0.00	59.63 2.51 0.00	65.17 2.98 0.00	76.58 3.99 0.00	88.40 5.86 0.00	96.65 5.98 0.00	95.47 5.57 0.00	85.91 4.09 0.00	72.67 3.00 0.00	63.77 1.92 0.00	53.00 1.79 0.00
BOWLINE___1 23526	41.49 2.16 0.00	35.97 1.94 0.00	32.96 1.75 0.00	31.71 1.65 0.00	30.64 1.60 0.00	30.50 1.73 0.00	30.59 1.76 0.00	30.45 1.83 0.00	33.06 1.96 0.00	37.46 1.95 0.00	40.57 1.97 0.00	47.81 2.23 0.00	50.87 2.38 0.00	55.08 2.72 0.00	60.20 3.08 0.00	65.29 3.11 0.00	76.87 4.28 0.00	88.40 5.86 0.00	96.83 6.17 0.00	95.56 5.67 0.00	86.40 4.58 0.00	72.39 2.71 0.00	63.52 1.67 0.00	52.95 1.74 0.00
BOWLINE___2 23595	41.45 2.12 0.00	35.97 1.94 0.00	32.96 1.75 0.00	31.68 1.62 0.00	30.64 1.60 0.00	30.50 1.73 0.00	30.59 1.76 0.00	30.42 1.80 0.00	33.06 1.96 0.00	37.43 1.92 0.00	40.53 1.93 0.00	47.72 2.14 0.00	50.82 2.33 0.00	55.02 2.67 0.00	60.15 3.03 0.00	65.17 2.98 0.00	76.80 4.21 0.00	88.23 5.69 0.00	96.65 5.98 0.00	95.38 5.48 0.00	86.32 4.50 0.00	72.26 2.58 0.00	63.39 1.55 0.00	52.85 1.64 0.00
BRADY___115KV_TB2 356060	39.17 -0.16 0.00	33.97 -0.07 0.00	31.09 -0.12 0.00	29.94 -0.12 0.00	29.02 -0.03 0.00	28.69 -0.09 0.00	28.63 -0.20 0.00	28.39 -0.23 0.00	30.92 -0.19 0.00	35.47 -0.04 0.00	38.64 0.04 0.00	45.71 0.14 0.00	48.54 0.05 0.00	52.20 -0.16 0.00	56.61 -0.51 0.00	61.56 -0.62 0.00	71.58 -1.02 0.00	80.81 -1.73 0.00	87.94 -2.72 0.00	87.83 -2.07 0.00	82.93 0.00 -1.10	70.63 0.84 -0.11	63.27 1.42 0.00	52.18 0.97 0.00
BRANSCOMB___SOLAR 323811	41.22 1.89 0.00	35.73 1.70 0.00	32.71 1.50 0.00	31.47 1.41 0.00	30.44 1.39 0.00	30.24 1.47 0.00	30.30 1.47 0.00	29.96 1.35 0.00	32.50 1.40 0.00	36.79 1.28 0.00	39.76 1.16 0.00	46.94 1.37 0.00	49.85 1.36 0.00	53.98 1.62 0.00	59.17 2.05 0.00	64.60 2.42 0.00	75.93 3.34 0.00	87.49 4.95 0.00	96.55 5.89 0.00	95.92 6.02 0.00	87.22 5.40 0.00	73.65 3.97 0.00	64.57 2.72 0.00	53.46 2.25 0.00
BRDGHMPT_69_KV_BK1 55812	43.11 3.78 0.00	36.93 2.89 0.00	33.56 2.34 0.00	32.25 2.19 0.00	31.11 2.06 0.00	30.82 2.04 0.00	30.51 1.67 0.00	30.53 1.92 0.00	33.72 2.61 0.00	38.39 2.88 0.00	45.84 3.90 -3.34	50.36 4.65 -0.14	53.05 4.56 0.00	56.31 4.08 0.13	61.79 5.14 0.47	67.39 5.60 0.39	79.56 6.97 0.00	92.36 9.82 0.00	101.36 10.70 0.00	98.43 8.54 0.00	86.46 5.73 1.09	73.06 4.25 0.87	57.58 2.97 7.24	53.26 2.05 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	42.95 3.62 0.00	36.93 2.89 0.00	33.62 2.40 0.00	32.31 2.25 0.00	31.25 2.21 0.00	30.96 2.19 0.00	30.88 2.05 0.00	30.85 2.23 0.00	33.84 2.74 0.00	38.42 2.91 0.00	45.44 3.47 -3.36	49.66 3.92 -0.17	52.27 3.78 0.00	55.40 3.09 0.04	61.07 3.94 0.00	65.54 3.86 0.50	77.82 5.23 0.00	89.56 7.02 0.00	98.19 7.53 0.00	95.65 5.75 0.00	84.78 4.34 1.38	71.72 3.14 1.10	57.63 2.66 6.87	52.90 1.69 0.00
BRISTLHL_115KV_TB1 79998	39.14 -0.20 0.00	33.76 -0.27 0.00	30.90 -0.31 0.00	29.76 -0.30 0.00	28.70 -0.35 0.00	28.40 -0.37 0.00	28.46 -0.37 0.00	28.24 -0.37 0.00	30.76 -0.34 0.00	35.05 -0.46 0.00	38.18 -0.42 0.00	45.16 -0.41 0.00	48.11 -0.39 0.00	51.99 -0.37 0.00	56.78 -0.34 0.00	61.75 -0.44 0.00	72.45 -0.15 0.00	82.62 0.08 0.00	91.48 0.82 0.00	90.79 0.90 0.00	82.39 0.57 0.00	69.68 0.00 0.00	61.54 -0.31 0.00	50.90 -0.31 0.00
BROOKHAVEN___DRP 24191	42.56 3.23 0.00	36.52 2.48 0.00	33.24 2.03 0.00	31.95 1.89 0.00	30.88 1.83 0.00	30.59 1.81 0.00	30.48 1.64 0.00	30.45 1.83 0.00	33.44 2.33 0.00	37.96 2.45 0.00	45.03 3.09 -3.34	49.13 3.42 -0.14	51.79 3.30 0.00	54.84 2.62 0.13	60.03 3.37 0.46	65.34 3.54 0.38	77.38 4.79 0.00	89.72 7.18 0.00	98.37 7.71 0.00	95.74 5.84 0.00	84.52 3.76 1.07	71.54 2.72 0.85	56.59 1.98 7.24	52.28 1.08 0.00
BROOKLYN_NAVY_YARD 23515	42.04 2.71 0.00	36.42 2.38 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.88 2.10 0.00	31.02 2.19 0.00	30.93 2.32 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.26 2.66 0.00	48.53 2.96 0.00	51.69 3.20 0.00	55.96 3.61 0.00	61.24 4.12 0.00	66.22 4.04 0.00	78.04 5.45 0.00	89.72 7.18 0.00	98.28 7.62 0.00	97.00 7.10 0.00	87.72 5.89 0.00	73.16 3.48 0.00	64.26 2.41 0.00	53.77 2.56 0.00
BROOKLYN___ARMY_DRP 323595	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.71 3.35 0.00	61.01 3.88 0.00	65.92 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
BROOME_2_LFGE 323671	40.12 0.79 0.00	34.54 0.51 0.00	31.68 0.47 0.00	30.45 0.39 0.00	29.34 0.29 0.00	29.01 0.23 0.00	29.15 0.32 0.00	28.90 0.29 0.00	31.48 0.37 0.00	35.83 0.32 0.00	38.87 0.27 0.00	45.98 0.41 0.00	49.08 0.58 0.00	53.03 0.68 0.00	57.86 0.74 0.00	63.05 0.87 0.00	74.12 1.53 0.00	84.68 2.14 0.00	94.02 3.36 0.00	93.40 3.50 0.00	84.85 3.03 0.00	71.35 1.67 0.00	63.02 1.17 0.00	51.98 0.77 0.00
BROOME___LFGE 323600	40.12 0.79 0.00	34.54 0.51 0.00	31.68 0.47 0.00	30.45 0.39 0.00	29.34 0.29 0.00	29.01 0.23 0.00	29.15 0.32 0.00	28.90 0.29 0.00	31.48 0.37 0.00	35.83 0.32 0.00	38.87 0.27 0.00	45.98 0.41 0.00	49.08 0.58 0.00	53.03 0.68 0.00	57.86 0.74 0.00	63.05 0.87 0.00	74.12 1.53 0.00	84.68 2.14 0.00	94.02 3.36 0.00	93.40 3.50 0.00	84.85 3.03 0.00	71.35 1.67 0.00	63.02 1.17 0.00	51.98 0.77 0.00
BROWNFLS_115KV_TB 3_5 80003	39.33 0.00 0.00	34.03 0.00 0.00	31.12 -0.09 0.00	29.97 -0.09 0.00	29.05 0.00 0.00	28.75 -0.03 0.00	28.66 -0.17 0.00	28.42 -0.20 0.00	30.95 -0.16 0.00	35.37 -0.14 0.00	38.48 -0.12 0.00	45.62 0.05 0.00	48.45 -0.05 0.00	52.20 -0.16 0.00	56.78 -0.34 0.00	61.75 -0.44 0.00	72.30 -0.29 0.00	82.29 -0.25 0.00	91.75 1.09 0.00	91.51 1.62 0.00	85.01 2.62 -0.57	72.18 2.44 -0.06	64.14 2.29 0.00	52.74 1.54 0.00
BROWNSV1_27_KV_LOAD 356125	42.44 3.11 0.00	36.72 2.69 0.00	33.59 2.37 0.00	32.28 2.22 0.00	31.31 2.27 0.00	31.08 2.30 0.00	31.23 2.39 0.00	31.08 2.46 0.00	33.84 2.74 0.00	38.28 2.77 0.00	41.61 3.01 0.00	48.99 3.42 0.00	52.23 3.73 0.00	56.44 4.08 0.00	61.75 4.63 0.00	66.91 4.73 0.00	78.83 6.24 0.00	90.55 8.01 0.00	99.37 8.70 0.00	97.99 8.09 0.00	88.29 6.46 0.00	74.00 4.32 0.00	64.94 3.09 0.00	54.33 3.12 0.00
BURROWS___LYONSDAL 23803	39.96 0.63 0.00	34.51 0.48 0.00	31.59 0.37 0.00	30.39 0.33 0.00	29.42 0.38 0.00	29.15 0.37 0.00	29.12 0.29 0.00	28.87 0.26 0.00	31.41 0.31 0.00	35.72 0.21 0.00	38.83 0.23 0.00	46.08 0.50 0.00	48.98 0.48 0.00	52.88 0.52 0.00	57.81 0.69 0.00	62.93 0.75 0.00	74.04 1.45 0.00	84.77 2.23 0.00	95.47 4.81 0.00	95.02 5.12 0.00	86.81 4.83 -0.16	73.32 3.62 -0.02	64.75 2.91 0.00	53.26 2.05 0.00
CAITHNESS_CC_1 323624	42.56 3.23 0.00	36.52 2.48 0.00	33.24 2.03 0.00	31.98 1.93 0.00	30.88 1.83 0.00	30.65 1.87 0.00	30.51 1.67 0.00	30.50 1.89 0.00	33.47 2.36 0.00	37.99 2.48 0.00	45.03 3.09 -3.34	49.09 3.37 -0.14	51.69 3.20 0.00	54.84 2.62 0.13	59.98 3.31 0.45	65.22 3.42 0.38	77.24 4.65 0.00	89.56 7.01 -0.01	98.10 7.44 0.00	95.56 5.67 0.00	84.86 4.09 1.05	70.79 1.95 0.84	56.03 1.42 7.24	52.02 0.82 0.00
CALPINE BETH_PAGE_GT4 24209	42.79 3.46 0.00	36.86 2.82 0.00	33.59 2.37 0.00	32.28 2.22 0.00	31.23 2.18 0.00	30.93 2.16 0.00	30.94 2.10 0.00	30.85 2.23 0.00	33.78 2.67 0.00	38.39 2.88 0.00	45.47 3.24 -3.63	49.50 3.42 -0.51	51.99 3.49 -0.01	55.35 2.98 -0.01	60.93 3.77 -0.04	65.85 3.67 0.00	77.67 5.08 0.00	89.64 7.10 0.00	98.19 7.53 0.00	95.92 6.02 0.00	85.99 4.17 0.00	72.67 3.00 0.00	60.33 2.47 3.99	52.80 1.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.79 3.46 0.00	36.86 2.82 0.00	33.59 2.37 0.00	32.28 2.22 0.00	31.20 2.15 0.00	30.96 2.19 0.00	30.91 2.08 0.00	30.91 2.29 0.00	33.81 2.70 0.00	38.42 2.91 0.00	45.47 3.24 -3.63	49.51 3.42 -0.51	51.99 3.49 -0.01	55.40 3.04 -0.01	60.99 3.83 -0.04	65.85 3.67 0.00	77.67 5.08 0.00	89.65 7.10 -0.01	98.19 7.52 0.00	95.92 6.02 0.00	86.48 4.66 0.00	72.39 2.71 0.00	59.83 1.98 3.99	52.59 1.38 0.00
CALPINE_BP_GT1 23823	42.79 3.46 0.00	36.86 2.82 0.00	33.59 2.37 0.00	32.28 2.22 0.00	31.20 2.15 0.00	30.96 2.19 0.00	30.91 2.08 0.00	30.91 2.29 0.00	33.81 2.70 0.00	38.42 2.91 0.00	45.47 3.24 -3.63	49.51 3.42 -0.51	51.99 3.49 -0.01	55.40 3.04 -0.01	60.99 3.83 -0.04	65.85 3.67 0.00	77.67 5.08 0.00	89.65 7.10 -0.01	98.19 7.52 0.00	95.92 6.02 0.00	86.48 4.66 0.00	72.39 2.71 0.00	59.83 1.98 3.99	52.59 1.38 0.00
CALSPAN___DRP 24200	40.00 0.67 0.00	34.00 -0.03 0.00	30.84 -0.37 0.00	29.82 -0.24 0.00	28.29 -0.76 0.00	28.00 -0.78 0.00	28.08 -0.75 0.00	27.93 -0.69 0.00	30.42 -0.68 0.00	34.84 -0.67 0.00	37.91 -0.69 0.00	44.98 -0.59 0.00	48.06 -0.44 0.00	51.57 -0.79 0.00	56.26 -0.86 0.00	61.44 -0.75 0.00	72.23 -0.36 0.00	82.70 0.17 0.00	93.02 2.36 0.00	92.86 2.97 0.00	83.70 1.88 0.00	70.10 0.42 0.00	62.53 0.68 0.00	51.36 0.15 0.00

CALVERTON___SOLAR 323806	42.59 3.26 0.00	36.55 2.52 0.00	33.27 2.06 0.00	31.98 1.93 0.00	30.85 1.80 0.00	30.62 1.84 0.00	30.45 1.61 0.00	30.48 1.86 0.00	33.47 2.36 0.00	37.99 2.48 0.00	45.11 3.17 -3.34	49.23 3.51 -0.14	51.88 3.39 0.00	55.05 2.83 0.13	60.26 3.60 0.46	65.59 3.79 0.39	77.67 5.08 0.00	90.14 7.59 -0.01	98.83 8.16 0.00	96.18 6.29 0.00	85.33 4.58 1.07	71.19 2.37 0.86	56.28 1.67 7.24	52.18 0.97 0.00
CANDIGU_WT_PWR 323617	40.12 0.79 0.00	34.27 0.24 0.00	31.28 0.06 0.00	30.06 0.00 0.00	28.78 -0.26 0.00	28.26 -0.52 0.00	28.43 -0.40 0.00	28.07 -0.54 0.00	30.54 -0.56 0.00	34.91 -0.60 0.00	37.79 -0.81 0.00	44.80 -0.78 0.00	47.82 -0.68 0.00	51.52 -0.84 0.00	55.98 -1.14 0.00	61.06 -1.12 0.00	72.01 -0.58 0.00	82.62 0.08 0.00	92.75 2.09 0.00	92.95 3.06 0.00	84.76 2.94 0.00	70.79 1.11 0.00	62.90 1.05 0.00	51.67 0.46 0.00
CARR STREET_E_SYR 24060	39.41 0.08 0.00	34.00 -0.03 0.00	31.15 -0.06 0.00	30.00 -0.06 0.00	28.93 -0.12 0.00	28.58 -0.20 0.00	28.66 -0.17 0.00	28.45 -0.17 0.00	31.01 -0.09 0.00	35.33 -0.18 0.00	38.45 -0.15 0.00	45.48 -0.09 0.00	48.49 0.00 0.00	52.46 0.10 0.00	57.12 0.00 0.00	62.18 0.00 0.00	72.96 0.36 0.00	83.28 0.74 0.00	92.20 1.54 0.00	91.52 1.62 0.00	83.13 1.31 0.00	70.10 0.42 0.00	61.97 0.12 0.00	51.31 0.10 0.00
CARTHAGE___PAPER 23857	39.96 0.63 0.00	34.44 0.41 0.00	31.49 0.28 0.00	30.30 0.24 0.00	29.37 0.32 0.00	29.09 0.32 0.00	28.98 0.14 0.00	28.70 0.09 0.00	31.20 0.09 0.00	35.44 -0.07 0.00	38.56 -0.04 0.00	45.76 0.18 0.00	48.54 0.05 0.00	52.41 0.05 0.00	57.24 0.11 0.00	62.37 0.19 0.00	73.47 0.87 0.00	84.19 1.65 0.00	95.74 5.07 0.00	95.83 5.93 0.00	87.80 5.73 -0.26	74.37 4.67 -0.03	65.68 3.84 0.00	53.87 2.66 0.00
CASSADAGA_WT_PWR 323784	39.92 0.59 0.00	33.76 -0.27 0.00	30.75 -0.47 0.00	29.49 -0.57 0.00	28.18 -0.87 0.00	27.57 -1.21 0.00	27.94 -0.89 0.00	27.82 -0.80 0.00	30.67 -0.44 0.00	35.22 -0.29 0.00	38.18 -0.42 0.00	45.39 -0.18 0.00	48.49 0.00 0.00	52.04 -0.31 0.00	56.55 -0.57 0.00	62.00 -0.19 0.00	73.17 0.58 0.00	84.28 1.74 0.00	95.02 4.35 0.00	95.02 5.12 0.00	85.91 4.09 0.00	71.49 1.81 0.00	63.83 1.98 0.00	52.03 0.82 0.00
CE_DUNWOOD___DRP 24194	41.77 2.44 0.00	36.18 2.14 0.00	33.12 1.90 0.00	31.86 1.80 0.00	30.88 1.83 0.00	30.65 1.87 0.00	30.77 1.93 0.00	30.59 1.97 0.00	33.25 2.15 0.00	37.64 2.13 0.00	40.88 2.28 0.00	48.17 2.60 0.00	51.31 2.81 0.00	55.44 3.09 0.00	60.66 3.54 0.00	65.79 3.61 0.00	77.46 4.86 0.00	88.98 6.44 0.00	97.65 6.98 0.00	96.28 6.38 0.00	86.73 4.91 0.00	72.88 3.21 0.00	63.95 2.10 0.00	53.41 2.20 0.00
CE_MILLWOOD___DRP 24193	41.65 2.32 0.00	36.11 2.08 0.00	33.06 1.84 0.00	31.80 1.74 0.00	30.79 1.74 0.00	30.59 1.81 0.00	30.71 1.87 0.00	30.50 1.89 0.00	33.19 2.08 0.00	37.57 2.06 0.00	40.76 2.16 0.00	48.03 2.46 0.00	51.16 2.67 0.00	55.29 2.93 0.00	60.49 3.37 0.00	65.60 3.42 0.00	77.31 4.72 0.00	88.81 6.27 0.00	97.37 6.71 0.00	96.01 6.11 0.00	86.57 4.75 0.00	72.74 3.07 0.00	63.83 1.98 0.00	53.26 2.05 0.00
CE_NYC2_DRP 24202	42.24 2.91 0.00	36.59 2.55 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.14 2.09 0.00	30.88 2.10 0.00	31.05 2.22 0.00	30.88 2.26 0.00	33.59 2.49 0.00	38.00 2.49 0.00	41.30 2.70 0.00	48.67 3.10 0.00	51.74 3.25 0.00	55.81 3.46 0.00	61.01 3.88 0.00	65.91 3.73 0.00	77.52 4.94 0.01	89.05 6.52 0.01	97.64 6.98 0.01	96.27 6.38 0.01	86.72 4.91 0.01	71.45 3.14 1.37	63.88 2.04 0.01	53.67 2.46 0.00
CE_NYC_DRP 24195	42.12 2.79 0.00	36.45 2.42 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.11 2.06 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.88 2.26 0.00	33.59 2.49 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.79 3.30 0.00	55.97 3.61 0.00	61.23 4.11 0.00	66.29 4.10 0.00	78.11 5.52 0.00	89.72 7.18 0.00	98.37 7.71 0.00	97.00 7.10 0.00	87.39 5.56 0.00	73.30 3.62 0.00	64.32 2.47 0.00	53.87 2.66 0.00
CHAFFEE___LFGE 323603	40.04 0.71 0.00	34.00 -0.03 0.00	31.09 -0.12 0.00	29.94 -0.12 0.00	28.61 -0.43 0.00	28.00 -0.78 0.00	28.29 -0.55 0.00	28.01 -0.60 0.00	30.67 -0.44 0.00	35.09 -0.42 0.00	37.98 -0.62 0.00	45.03 -0.54 0.00	48.16 -0.34 0.00	51.73 -0.63 0.00	56.38 -0.74 0.00	61.62 -0.56 0.00	72.45 -0.14 0.00	82.95 0.41 0.00	93.38 2.72 0.00	93.13 3.23 0.00	84.27 2.45 0.00	70.23 0.55 0.00	62.96 1.11 0.00	51.67 0.46 0.00
CHATEAUG_35_KV_LOAD 355732	37.96 -1.38 0.00	32.94 -1.09 0.00	30.18 -1.03 0.00	29.13 -0.93 0.00	28.20 -0.84 0.00	27.91 -0.86 0.00	27.91 -0.92 0.00	27.73 -0.89 0.00	30.26 -0.84 0.00	34.80 -0.71 0.00	37.83 -0.77 0.00	44.57 -1.00 0.00	47.04 -1.45 0.00	50.47 -1.88 0.00	54.55 -2.57 0.00	59.20 -2.98 0.00	68.60 -3.99 0.00	77.26 -5.28 0.00	84.68 -5.98 0.00	84.59 -5.30 0.00	78.54 -3.35 -0.08	67.87 -1.81 -0.01	61.04 -0.80 0.00	50.70 -0.51 0.00
CHATEAUG_WT_PWR 323614	37.99 -1.34 0.00	32.94 -1.09 0.00	30.21 -1.00 0.00	29.13 -0.93 0.00	28.23 -0.81 0.00	27.94 -0.84 0.00	27.94 -0.89 0.00	27.79 -0.83 0.00	30.33 -0.78 0.00	34.83 -0.68 0.00	37.87 -0.73 0.00	44.66 -0.91 0.00	47.14 -1.36 0.00	50.26 -2.10 0.00	54.32 -2.80 0.00	59.14 -3.05 0.00	68.53 -4.06 0.00	77.09 -5.45 0.00	84.59 -6.07 0.00	84.50 -5.39 0.00	77.73 -4.09 0.00	67.66 -2.02 0.00	60.80 -1.05 0.00	50.54 -0.67 0.00
CHAT_HIGH_FALL_HYD 323578	37.96 -1.38 0.00	32.94 -1.09 0.00	30.18 -1.03 0.00	29.13 -0.93 0.00	28.20 -0.84 0.00	27.91 -0.86 0.00	27.91 -0.92 0.00	27.73 -0.89 0.00	30.26 -0.84 0.00	34.80 -0.71 0.00	37.83 -0.77 0.00	44.57 -1.00 0.00	47.04 -1.45 0.00	50.47 -1.88 0.00	54.55 -2.57 0.00	59.20 -2.98 0.00	68.60 -3.99 0.00	77.26 -5.28 0.00	84.68 -5.98 0.00	84.59 -5.30 0.00	78.54 -3.35 -0.08	67.87 -1.81 -0.01	61.04 -0.80 0.00	50.70 -0.51 0.00
CHAUTAUQUA___LFGE 323629	40.12 0.79 0.00	34.03 0.00 0.00	31.06 -0.16 0.00	29.85 -0.21 0.00	28.55 -0.49 0.00	27.94 -0.84 0.00	28.29 -0.55 0.00	28.07 -0.54 0.00	30.79 -0.31 0.00	35.30 -0.21 0.00	38.21 -0.39 0.00	45.35 -0.23 0.00	48.49 0.00 0.00	52.09 -0.26 0.00	56.72 -0.40 0.00	62.06 -0.12 0.00	73.10 0.51 0.00	83.94 1.40 0.00	94.47 3.81 0.00	94.39 4.49 0.00	85.42 3.60 0.00	71.14 1.47 0.00	63.64 1.79 0.00	52.08 0.87 0.00
CHERRYST_13_KV_LD 356241	42.24 2.91 0.00	36.55 2.52 0.00	33.46 2.25 0.00	32.16 2.10 0.00	31.20 2.15 0.00	30.96 2.19 0.00	31.14 2.31 0.00	30.99 2.38 0.00	33.72 2.61 0.00	38.14 2.63 0.00	41.46 2.86 0.00	48.81 3.24 0.00	51.99 3.49 0.00	56.18 3.82 0.00	61.46 4.34 0.00	66.60 4.41 0.00	78.47 5.88 0.00	90.13 7.59 0.00	98.82 8.16 0.00	97.45 7.55 0.00	87.71 5.89 0.00	73.58 3.90 0.00	64.57 2.72 0.00	54.08 2.87 0.00

CHESTROR_138KV_BK263 355645	41.22 1.89 0.00	35.70 1.67 0.00	32.71 1.50 0.00	31.47 1.41 0.00	30.47 1.42 0.00	30.24 1.47 0.00	30.36 1.53 0.00	30.13 1.52 0.00	32.75 1.65 0.00	37.11 1.60 0.00	40.30 1.70 0.00	47.44 1.87 0.00	50.58 2.09 0.00	54.71 2.36 0.00	59.81 2.68 0.00	64.92 2.74 0.00	76.44 3.85 0.00	87.74 5.20 0.00	96.29 5.62 0.00	95.11 5.21 0.00	85.83 4.01 0.00	72.26 2.58 0.00	63.46 1.61 0.00	52.85 1.64 0.00
CH_MIDHUDSON___DRP 24192	41.50 2.16 0.00	35.94 1.91 0.00	32.96 1.75 0.00	31.71 1.65 0.00	30.70 1.66 0.00	30.47 1.70 0.00	30.59 1.76 0.00	30.36 1.75 0.00	32.97 1.87 0.00	37.36 1.85 0.00	40.57 1.97 0.00	47.76 2.19 0.00	50.92 2.42 0.00	55.13 2.77 0.00	60.32 3.20 0.00	65.54 3.36 0.00	77.24 4.65 0.00	88.73 6.19 0.00	97.28 6.62 0.00	96.01 6.11 0.00	86.57 4.75 0.00	72.81 3.14 0.00	63.89 2.04 0.00	53.21 2.00 0.00
CH_MISC_IPPS 23765	41.69 2.36 0.00	36.11 2.08 0.00	33.09 1.87 0.00	31.86 1.80 0.00	30.79 1.74 0.00	30.62 1.84 0.00	30.71 1.87 0.00	30.50 1.89 0.00	33.15 2.05 0.00	37.53 2.02 0.00	40.76 2.16 0.00	48.03 2.46 0.00	51.26 2.76 0.00	55.60 3.25 0.00	60.78 3.66 0.00	66.04 3.86 0.00	77.89 5.30 0.00	89.55 7.01 0.00	98.19 7.52 0.00	96.91 7.02 0.00	87.63 5.81 0.00	73.37 3.69 0.00	64.38 2.54 0.00	53.51 2.31 0.00
CH_RES_BVR_FALLS 23983	38.63 -0.71 0.00	33.45 -0.58 0.00	30.68 -0.53 0.00	29.55 -0.51 0.00	28.58 -0.47 0.00	28.31 -0.46 0.00	28.34 -0.49 0.00	28.16 -0.46 0.00	30.67 -0.44 0.00	35.12 -0.39 0.00	38.18 -0.42 0.00	45.07 -0.50 0.00	47.92 -0.58 0.00	51.62 -0.73 0.00	56.27 -0.86 0.00	61.25 -0.93 0.00	71.36 -1.23 0.00	80.89 -1.65 0.00	88.76 -1.91 0.00	88.10 -1.80 0.00	80.35 -1.47 0.00	68.85 -0.83 0.00	61.29 -0.56 0.00	50.75 -0.46 0.00
CH_RES_NIAGARA 23895	39.10 -0.24 0.00	33.25 -0.78 0.00	30.71 -0.50 0.00	29.25 -0.81 0.00	28.23 -0.81 0.00	27.45 -1.32 0.00	27.54 -1.30 0.00	27.36 -1.26 0.00	29.76 -1.34 0.00	34.09 -1.42 0.00	37.06 -1.54 0.00	43.89 -1.69 0.00	46.89 -1.60 0.00	50.26 -2.09 0.00	54.89 -2.23 0.00	59.82 -2.36 0.00	70.20 -2.40 0.00	80.15 -2.39 0.00	90.03 -0.63 0.00	89.72 -0.18 0.00	80.92 -0.90 0.00	67.66 -2.02 0.00	60.67 -1.18 0.00	50.08 -1.13 0.00
CH_RES_SYRACUSE 23985	39.65 0.31 0.00	34.20 0.17 0.00	31.34 0.13 0.00	30.15 0.09 0.00	29.10 0.06 0.00	28.72 -0.06 0.00	28.83 0.00 0.00	28.62 0.00 0.00	31.23 0.12 0.00	35.55 0.04 0.00	38.72 0.12 0.00	45.85 0.28 0.00	48.84 0.34 0.00	52.88 0.52 0.00	57.69 0.57 0.00	62.74 0.56 0.00	73.68 1.09 0.00	84.03 1.49 0.00	93.11 2.45 0.00	92.41 2.51 0.00	83.95 2.12 0.00	70.79 1.11 0.00	62.59 0.74 0.00	51.67 0.46 0.00
CLINTON_WT_PWR 323605	37.99 -1.34 0.00	32.94 -1.09 0.00	30.21 -1.00 0.00	29.13 -0.93 0.00	28.23 -0.81 0.00	27.94 -0.84 0.00	27.94 -0.89 0.00	27.79 -0.83 0.00	30.33 -0.78 0.00	34.83 -0.68 0.00	37.87 -0.73 0.00	44.66 -0.91 0.00	47.14 -1.36 0.00	50.26 -2.10 0.00	54.32 -2.80 0.00	59.14 -3.05 0.00	68.53 -4.06 0.00	77.09 -5.45 0.00	84.59 -6.07 0.00	84.50 -5.39 0.00	77.73 -4.09 0.00	67.66 -2.02 0.00	60.80 -1.05 0.00	50.54 -0.67 0.00
CLINTON___LFGE 323618	38.47 -0.87 0.00	33.35 -0.68 0.00	30.53 -0.69 0.00	29.46 -0.60 0.00	28.55 -0.49 0.00	28.23 -0.55 0.00	28.26 -0.58 0.00	28.07 -0.54 0.00	30.70 -0.41 0.00	35.30 -0.21 0.00	38.37 -0.23 0.00	45.26 -0.32 0.00	47.57 -0.92 0.00	50.42 -1.94 0.00	54.32 -2.80 0.00	59.14 -3.05 0.00	68.67 -3.92 0.00	77.26 -5.28 0.00	84.96 -5.71 0.00	84.86 -5.03 0.00	78.06 -3.76 0.00	67.94 -1.74 0.00	61.04 -0.81 0.00	50.85 -0.36 0.00
COBBLENY_34_KV_TB1 80064	40.04 0.71 0.00	34.00 -0.03 0.00	30.84 -0.37 0.00	29.82 -0.24 0.00	28.26 -0.78 0.00	28.00 -0.78 0.00	28.08 -0.75 0.00	27.93 -0.69 0.00	30.45 -0.65 0.00	34.87 -0.64 0.00	37.94 -0.66 0.00	45.03 -0.55 0.00	48.16 -0.34 0.00	51.73 -0.63 0.00	56.38 -0.74 0.00	61.62 -0.56 0.00	72.45 -0.15 0.00	82.95 0.41 0.00	93.29 2.63 0.00	93.22 3.33 0.00	83.95 2.13 0.00	70.31 0.63 0.00	62.65 0.80 0.00	51.41 0.20 0.00
COFFEEN___115KV_TB3 355620	40.63 1.30 0.00	34.99 0.95 0.00	31.96 0.75 0.00	30.72 0.66 0.00	29.80 0.76 0.00	29.52 0.75 0.00	29.35 0.52 0.00	29.07 0.46 0.00	31.60 0.50 0.00	35.79 0.28 0.00	38.99 0.39 0.00	46.35 0.77 0.00	49.13 0.63 0.00	53.04 0.68 0.00	58.09 0.97 0.00	63.36 1.18 0.00	74.77 2.18 0.00	86.01 3.47 0.00	98.19 7.53 0.00	98.53 8.63 0.00	90.38 8.35 -0.21	75.97 6.27 -0.02	66.86 5.01 0.00	54.74 3.53 0.00
COLDSPRG_115KV_BK1 355956	40.16 0.83 0.00	34.07 0.03 0.00	30.84 -0.37 0.00	29.70 -0.36 0.00	28.20 -0.84 0.00	27.94 -0.83 0.00	28.08 -0.75 0.00	28.07 -0.54 0.00	30.73 -0.37 0.00	35.23 -0.28 0.00	38.37 -0.23 0.00	45.57 0.00 0.00	48.74 0.24 0.00	52.35 0.00 0.00	56.72 -0.40 0.00	62.12 -0.06 0.00	73.24 0.65 0.00	84.19 1.65 0.00	94.84 4.17 0.00	94.84 4.94 0.00	85.34 3.52 0.00	71.49 1.81 0.00	63.39 1.55 0.00	51.72 0.51 0.00
COLONIE_LFGE___ 323577	40.91 1.57 0.00	35.50 1.46 0.00	32.56 1.34 0.00	31.35 1.29 0.00	30.32 1.28 0.00	30.13 1.35 0.00	30.19 1.36 0.00	29.91 1.29 0.00	32.38 1.28 0.00	36.68 1.17 0.00	39.72 1.12 0.00	46.80 1.23 0.00	49.85 1.36 0.00	53.92 1.57 0.00	59.00 1.88 0.00	64.36 2.18 0.00	75.64 3.05 0.00	86.99 4.45 0.00	95.47 4.80 0.00	94.48 4.58 0.00	85.59 3.77 0.00	72.33 2.65 0.00	63.45 1.61 0.00	52.69 1.49 0.00
COOPERNY_115KV_TB1 80082	40.79 1.46 0.00	35.29 1.26 0.00	32.34 1.12 0.00	31.11 1.05 0.00	30.12 1.07 0.00	29.87 1.09 0.00	29.96 1.12 0.00	29.76 1.14 0.00	32.35 1.24 0.00	36.72 1.21 0.00	39.84 1.24 0.00	46.99 1.41 0.00	50.05 1.55 0.00	54.13 1.78 0.00	59.12 2.00 0.00	64.23 2.05 0.00	75.50 2.90 0.00	86.50 3.96 0.00	95.11 4.44 0.00	93.94 4.05 0.00	84.93 3.11 0.00	71.70 2.02 0.00	63.08 1.24 0.00	52.44 1.23 0.00
COPENHAGEN_WT_PWR 323753	40.24 0.91 0.00	34.68 0.65 0.00	31.68 0.47 0.00	30.48 0.42 0.00	29.54 0.49 0.00	29.23 0.46 0.00	29.15 0.32 0.00	28.84 0.23 0.00	31.38 0.28 0.00	35.62 0.11 0.00	38.76 0.16 0.00	46.03 0.46 0.00	48.84 0.34 0.00	52.77 0.42 0.00	57.69 0.57 0.00	62.87 0.69 0.00	74.12 1.53 0.00	85.01 2.47 0.00	96.65 5.98 0.00	96.82 6.92 0.00	88.57 6.55 -0.20	74.78 5.08 -0.02	65.87 4.02 0.00	54.02 2.81 0.00
CORNELL_____ 23752	40.59 1.26 0.00	34.95 0.92 0.00	31.93 0.72 0.00	30.72 0.66 0.00	29.60 0.55 0.00	29.29 0.52 0.00	29.35 0.52 0.00	29.13 0.52 0.00	31.69 0.59 0.00	36.01 0.50 0.00	39.14 0.54 0.00	46.35 0.77 0.00	49.42 0.92 0.00	53.45 1.10 0.00	58.32 1.20 0.00	63.61 1.43 0.00	74.99 2.40 0.00	85.92 3.38 0.00	95.74 5.08 0.00	95.38 5.48 0.00	86.49 4.66 0.00	72.88 3.21 0.00	64.20 2.35 0.00	52.90 1.69 0.00

CORONA V_69_KV_TB1 355595	42.71 3.38 0.00	36.82 2.79 0.00	33.59 2.37 0.00	32.31 2.25 0.00	31.25 2.21 0.00	30.96 2.19 0.00	30.97 2.13 0.00	30.88 2.26 0.00	33.78 2.67 0.00	38.39 2.88 0.00	46.73 3.20 -4.92	51.49 3.74 -2.18	52.57 4.03 -0.05	56.02 3.66 0.00	61.69 4.51 -0.05	66.60 4.41 0.00	78.54 5.95 0.00	90.46 7.92 0.00	99.19 8.52 0.00	97.09 7.19 0.00	87.22 5.40 0.00	73.58 3.90 0.00	71.05 3.34 -5.86	53.41 2.20 0.00
CORTLAND_115KV_TB3 80093	40.20 0.87 0.00	34.65 0.61 0.00	31.68 0.47 0.00	30.48 0.42 0.00	29.40 0.35 0.00	29.09 0.32 0.00	29.15 0.32 0.00	28.93 0.31 0.00	31.48 0.37 0.00	35.79 0.28 0.00	38.95 0.35 0.00	46.12 0.55 0.00	49.13 0.63 0.00	53.14 0.79 0.00	57.98 0.86 0.00	63.18 0.99 0.00	74.33 1.74 0.00	85.02 2.48 0.00	94.47 3.81 0.00	93.94 4.05 0.00	85.18 3.35 0.00	71.91 2.23 0.00	63.39 1.55 0.00	52.28 1.08 0.00
COXSACKIE__GT 23611	41.57 2.24 0.00	36.11 2.08 0.00	33.09 1.87 0.00	31.86 1.80 0.00	30.79 1.74 0.00	30.50 1.73 0.00	30.54 1.70 0.00	30.07 1.46 0.00	32.60 1.49 0.00	36.86 1.35 0.00	39.76 1.16 0.00	46.80 1.23 0.00	49.71 1.21 0.00	53.71 1.36 0.00	59.00 1.88 0.00	64.73 2.55 0.00	76.51 3.92 0.00	88.49 5.95 0.00	97.83 7.16 0.00	97.17 7.28 0.00	88.21 6.39 0.00	74.20 4.53 0.00	65.12 3.28 0.00	53.62 2.41 0.00
CPV_VALLEY__CC1 323721	40.95 1.61 0.00	35.46 1.43 0.00	32.49 1.28 0.00	31.26 1.20 0.00	30.24 1.19 0.00	30.07 1.30 0.00	30.13 1.30 0.00	29.96 1.35 0.00	32.53 1.43 0.00	36.89 1.38 0.00	40.03 1.43 0.00	47.12 1.55 0.00	50.19 1.70 0.00	54.34 1.99 0.00	59.35 2.23 0.00	64.42 2.24 0.00	75.78 3.19 0.00	86.99 4.45 0.00	95.38 4.71 0.00	94.21 4.31 0.00	85.34 3.52 0.00	71.63 1.95 0.00	62.90 1.05 0.00	52.39 1.18 0.00
CPV_VALLEY__CC2 323722	40.95 1.61 0.00	35.46 1.43 0.00	32.49 1.28 0.00	31.26 1.20 0.00	30.24 1.19 0.00	30.07 1.30 0.00	30.13 1.30 0.00	29.96 1.35 0.00	32.53 1.43 0.00	36.89 1.38 0.00	40.03 1.43 0.00	47.12 1.55 0.00	50.19 1.70 0.00	54.34 1.99 0.00	59.35 2.23 0.00	64.42 2.24 0.00	75.78 3.19 0.00	86.99 4.45 0.00	95.38 4.71 0.00	94.21 4.31 0.00	85.34 3.52 0.00	71.63 1.95 0.00	62.90 1.05 0.00	52.39 1.18 0.00
CRESCENT__HYD 24018	40.91 1.57 0.00	35.50 1.46 0.00	32.56 1.34 0.00	31.35 1.29 0.00	30.32 1.28 0.00	30.13 1.35 0.00	30.19 1.36 0.00	29.91 1.29 0.00	32.38 1.28 0.00	36.68 1.17 0.00	39.72 1.12 0.00	46.80 1.23 0.00	49.85 1.36 0.00	53.92 1.57 0.00	59.00 1.88 0.00	64.36 2.18 0.00	75.64 3.05 0.00	86.99 4.45 0.00	95.47 4.80 0.00	94.48 4.58 0.00	85.59 3.77 0.00	72.33 2.65 0.00	63.45 1.61 0.00	52.69 1.49 0.00
CRICKET__VALLEY_CC1 323756	41.02 1.69 0.00	35.60 1.57 0.00	32.65 1.44 0.00	31.47 1.41 0.00	30.44 1.39 0.00	30.30 1.52 0.00	30.33 1.50 0.00	30.13 1.52 0.00	32.66 1.55 0.00	36.93 1.42 0.00	39.99 1.39 0.00	47.08 1.50 0.00	50.19 1.70 0.00	54.29 1.94 0.00	59.35 2.23 0.00	64.48 2.30 0.00	75.93 3.34 0.00	87.41 4.87 0.00	95.65 4.98 0.00	94.30 4.40 0.00	85.26 3.44 0.00	71.63 1.95 0.00	62.78 0.93 0.00	52.33 1.13 0.00
CRICKET__VALLEY_CC2 323757	41.02 1.69 0.00	35.60 1.57 0.00	32.65 1.44 0.00	31.47 1.41 0.00	30.44 1.39 0.00	30.30 1.52 0.00	30.33 1.50 0.00	30.13 1.52 0.00	32.66 1.55 0.00	36.93 1.42 0.00	39.99 1.39 0.00	47.08 1.50 0.00	50.19 1.70 0.00	54.29 1.94 0.00	59.35 2.23 0.00	64.48 2.30 0.00	75.93 3.34 0.00	87.41 4.87 0.00	95.65 4.98 0.00	94.30 4.40 0.00	85.26 3.44 0.00	71.63 1.95 0.00	62.78 0.93 0.00	52.33 1.13 0.00
CRICKET__VALLEY_CC3 323758	41.02 1.69 0.00	35.60 1.57 0.00	32.65 1.44 0.00	31.47 1.41 0.00	30.44 1.39 0.00	30.30 1.52 0.00	30.33 1.50 0.00	30.13 1.52 0.00	32.66 1.55 0.00	36.93 1.42 0.00	39.99 1.39 0.00	47.08 1.50 0.00	50.19 1.70 0.00	54.29 1.94 0.00	59.35 2.23 0.00	64.48 2.30 0.00	75.93 3.34 0.00	87.41 4.87 0.00	95.65 4.98 0.00	94.30 4.40 0.00	85.26 3.44 0.00	71.63 1.95 0.00	62.78 0.93 0.00	52.33 1.13 0.00
CRUCIBLE_METL_DRP 24180	39.65 0.31 0.00	34.20 0.17 0.00	31.31 0.09 0.00	30.12 0.06 0.00	29.05 0.00 0.00	28.72 -0.06 0.00	28.81 -0.03 0.00	28.62 0.00 0.00	31.20 0.09 0.00	35.51 0.00 0.00	38.72 0.12 0.00	45.85 0.27 0.00	48.83 0.34 0.00	52.83 0.47 0.00	57.69 0.57 0.00	62.74 0.56 0.00	73.68 1.09 0.00	84.03 1.49 0.00	93.02 2.36 0.00	92.41 2.52 0.00	83.79 1.96 0.00	70.79 1.11 0.00	62.53 0.68 0.00	51.62 0.41 0.00
DAHOWA__HYDRO 323763	41.30 1.97 0.00	35.77 1.73 0.00	32.74 1.53 0.00	31.50 1.44 0.00	30.50 1.45 0.00	30.27 1.50 0.00	30.33 1.50 0.00	30.02 1.40 0.00	32.56 1.46 0.00	36.89 1.38 0.00	39.84 1.23 0.00	47.03 1.46 0.00	49.95 1.45 0.00	54.08 1.73 0.00	59.29 2.17 0.00	64.79 2.61 0.00	76.08 3.48 0.00	87.74 5.20 0.00	97.01 6.34 0.00	96.45 6.56 0.00	87.72 5.89 0.00	74.00 4.32 0.00	64.88 3.03 0.00	53.67 2.46 0.00
DANC__LFGE 323619	39.77 0.43 0.00	34.27 0.24 0.00	31.37 0.16 0.00	30.18 0.12 0.00	29.19 0.15 0.00	28.89 0.12 0.00	28.86 0.03 0.00	28.59 -0.03 0.00	31.13 0.03 0.00	35.37 -0.14 0.00	38.49 -0.12 0.00	45.62 0.05 0.00	48.45 -0.05 0.00	52.35 0.00 0.00	57.24 0.11 0.00	62.18 0.00 0.00	73.24 0.65 0.00	83.86 1.32 0.00	94.47 3.81 0.00	94.30 4.40 0.00	86.13 4.17 -0.13	72.75 3.06 -0.01	64.20 2.35 0.00	52.85 1.64 0.00
DANSKAMMER__1 23586	41.69 2.36 0.00	36.11 2.08 0.00	33.09 1.87 0.00	31.86 1.80 0.00	30.79 1.74 0.00	30.62 1.84 0.00	30.71 1.87 0.00	30.50 1.89 0.00	33.15 2.05 0.00	37.53 2.02 0.00	40.76 2.16 0.00	48.03 2.46 0.00	51.26 2.76 0.00	55.60 3.25 0.00	60.78 3.66 0.00	66.04 3.86 0.00	77.89 5.30 0.00	89.55 7.01 0.00	98.19 7.52 0.00	96.91 7.02 0.00	87.63 5.81 0.00	73.37 3.69 0.00	64.38 2.54 0.00	53.51 2.31 0.00
DANSKAMMER__2 23589	41.69 2.36 0.00	36.11 2.08 0.00	33.09 1.87 0.00	31.86 1.80 0.00	30.79 1.74 0.00	30.62 1.84 0.00	30.71 1.87 0.00	30.50 1.89 0.00	33.15 2.05 0.00	37.53 2.02 0.00	40.76 2.16 0.00	48.03 2.46 0.00	51.26 2.76 0.00	55.60 3.25 0.00	60.78 3.66 0.00	66.04 3.86 0.00	77.89 5.30 0.00	89.55 7.01 0.00	98.19 7.52 0.00	96.91 7.02 0.00	87.63 5.81 0.00	73.37 3.69 0.00	64.38 2.54 0.00	53.51 2.31 0.00
DANSKAMMER__3 23590	41.69 2.36 0.00	36.11 2.08 0.00	33.09 1.87 0.00	31.86 1.80 0.00	30.79 1.74 0.00	30.62 1.84 0.00	30.71 1.87 0.00	30.50 1.89 0.00	33.15 2.05 0.00	37.53 2.02 0.00	40.76 2.16 0.00	48.03 2.46 0.00	51.26 2.76 0.00	55.60 3.25 0.00	60.78 3.66 0.00	66.04 3.86 0.00	77.89 5.30 0.00	89.55 7.01 0.00	98.19 7.52 0.00	96.91 7.02 0.00	87.63 5.81 0.00	73.37 3.69 0.00	64.38 2.54 0.00	53.51 2.31 0.00

DANSKAMMER___4 23591	41.69 2.36 0.00	36.11 2.08 0.00	33.09 1.87 0.00	31.86 1.80 0.00	30.79 1.74 0.00	30.62 1.84 0.00	30.71 1.87 0.00	30.50 1.89 0.00	33.15 2.05 0.00	37.53 2.02 0.00	40.76 2.16 0.00	48.03 2.46 0.00	51.26 2.76 0.00	55.60 3.25 0.00	60.78 3.66 0.00	66.04 3.86 0.00	77.89 5.30 0.00	89.55 7.01 0.00	98.19 7.52 0.00	96.91 7.02 0.00	87.63 5.81 0.00	73.37 3.69 0.00	64.38 2.54 0.00	53.51 2.31 0.00
DANSKAMMER___DIESEL 23592	41.69 2.36 0.00	36.11 2.08 0.00	33.09 1.87 0.00	31.83 1.77 0.00	30.82 1.77 0.00	30.59 1.81 0.00	30.71 1.87 0.00	30.45 1.83 0.00	33.12 2.02 0.00	37.50 1.99 0.00	40.76 2.16 0.00	48.03 2.46 0.00	51.26 2.76 0.00	55.55 3.19 0.00	60.78 3.66 0.00	66.04 3.86 0.00	77.89 5.30 0.00	89.47 6.93 0.00	98.19 7.53 0.00	96.91 7.01 0.00	87.39 5.56 0.00	73.37 3.69 0.00	64.45 2.60 0.00	53.56 2.36 0.00
DARBY___SOLAR 323810	41.22 1.89 0.00	35.73 1.70 0.00	32.71 1.50 0.00	31.47 1.41 0.00	30.44 1.39 0.00	30.24 1.47 0.00	30.28 1.44 0.00	29.96 1.35 0.00	32.50 1.40 0.00	36.82 1.31 0.00	39.76 1.16 0.00	46.90 1.32 0.00	49.85 1.36 0.00	53.98 1.62 0.00	59.17 2.05 0.00	64.60 2.42 0.00	75.93 3.34 0.00	87.57 5.04 0.00	96.65 5.98 0.00	96.09 6.20 0.00	87.30 5.48 0.00	73.72 4.04 0.00	64.63 2.79 0.00	53.51 2.31 0.00
DASHVILLE___HYD 23610	41.34 2.01 0.00	35.80 1.77 0.00	32.84 1.62 0.00	31.59 1.53 0.00	30.59 1.54 0.00	30.33 1.55 0.00	30.39 1.56 0.00	30.13 1.52 0.00	32.69 1.59 0.00	37.00 1.49 0.00	40.22 1.62 0.00	47.40 1.82 0.00	50.53 2.04 0.00	54.82 2.46 0.00	59.92 2.80 0.00	65.17 2.98 0.00	76.80 4.21 0.00	88.23 5.70 0.00	96.92 6.26 0.00	95.56 5.66 0.00	86.24 4.42 0.00	72.60 2.93 0.00	63.83 1.98 0.00	53.10 1.89 0.00
DELAWARE___LFGE 323621	40.75 1.42 0.00	35.22 1.19 0.00	32.31 1.09 0.00	31.08 1.02 0.00	30.06 1.02 0.00	29.81 1.04 0.00	29.87 1.04 0.00	29.65 1.03 0.00	32.19 1.09 0.00	36.58 1.07 0.00	39.72 1.12 0.00	46.94 1.37 0.00	50.00 1.50 0.00	54.08 1.73 0.00	59.06 1.94 0.00	64.30 2.11 0.00	75.50 2.90 0.00	86.42 3.88 0.00	95.38 4.71 0.00	94.57 4.67 0.00	85.75 3.93 0.00	72.40 2.72 0.00	63.83 1.98 0.00	52.80 1.59 0.00
DERFIELD_115KV_TB7 355931	39.57 0.24 0.00	34.24 0.20 0.00	31.40 0.19 0.00	30.24 0.18 0.00	29.25 0.20 0.00	28.98 0.20 0.00	29.04 0.20 0.00	28.82 0.20 0.00	31.29 0.19 0.00	35.65 0.14 0.00	38.72 0.12 0.00	45.71 0.14 0.00	48.64 0.15 0.00	52.56 0.21 0.00	57.41 0.29 0.00	62.49 0.31 0.00	73.10 0.51 0.00	83.36 0.83 0.00	91.75 1.09 0.00	90.97 1.08 0.00	82.64 0.82 0.00	70.10 0.42 0.00	62.10 0.25 0.00	51.41 0.20 0.00
DOGLEVILLE___HYD 23807	39.49 0.16 0.00	34.14 0.10 0.00	31.31 0.09 0.00	30.15 0.09 0.00	29.16 0.12 0.00	28.92 0.14 0.00	28.95 0.12 0.00	28.73 0.11 0.00	31.23 0.12 0.00	35.62 0.11 0.00	38.68 0.08 0.00	45.71 0.14 0.00	48.64 0.15 0.00	52.46 0.10 0.00	57.24 0.11 0.00	62.24 0.06 0.00	72.88 0.29 0.00	83.28 0.74 0.00	92.02 1.36 0.00	91.33 1.44 0.00	82.89 1.06 0.00	70.31 0.63 0.00	62.16 0.31 0.00	51.36 0.15 0.00
DUNKIRK___115KV_TB_200 55889	40.16 0.83 0.00	34.07 0.03 0.00	30.87 -0.34 0.00	29.79 -0.27 0.00	28.26 -0.78 0.00	28.00 -0.78 0.00	28.11 -0.72 0.00	28.02 -0.60 0.00	30.60 -0.50 0.00	35.08 -0.43 0.00	38.18 -0.42 0.00	45.35 -0.23 0.00	48.49 0.00 0.00	52.04 -0.31 0.00	56.72 -0.40 0.00	62.06 -0.12 0.00	73.03 0.44 0.00	83.86 1.32 0.00	94.29 3.63 0.00	94.21 4.31 0.00	84.93 3.11 0.00	71.07 1.39 0.00	63.27 1.42 0.00	51.82 0.61 0.00
DUNKIRK___1 23563	40.16 0.83 0.00	34.07 0.03 0.00	30.87 -0.34 0.00	29.79 -0.27 0.00	28.26 -0.78 0.00	28.00 -0.78 0.00	28.11 -0.72 0.00	28.02 -0.60 0.00	30.60 -0.50 0.00	35.08 -0.43 0.00	38.18 -0.42 0.00	45.35 -0.23 0.00	48.49 0.00 0.00	52.04 -0.31 0.00	56.72 -0.40 0.00	62.06 -0.12 0.00	73.03 0.44 0.00	83.86 1.32 0.00	94.29 3.63 0.00	94.21 4.31 0.00	84.93 3.11 0.00	71.07 1.39 0.00	63.27 1.42 0.00	51.82 0.61 0.00
DUNKIRK___2 23564	40.16 0.83 0.00	34.07 0.03 0.00	30.87 -0.34 0.00	29.79 -0.27 0.00	28.26 -0.78 0.00	28.00 -0.78 0.00	28.11 -0.72 0.00	28.02 -0.60 0.00	30.60 -0.50 0.00	35.08 -0.43 0.00	38.18 -0.42 0.00	45.35 -0.23 0.00	48.49 0.00 0.00	52.04 -0.31 0.00	56.72 -0.40 0.00	62.06 -0.12 0.00	73.03 0.44 0.00	83.86 1.32 0.00	94.29 3.63 0.00	94.21 4.31 0.00	84.93 3.11 0.00	71.07 1.39 0.00	63.27 1.42 0.00	51.82 0.61 0.00
DUNKIRK___3 23565	40.04 0.71 0.00	34.00 -0.03 0.00	30.87 -0.34 0.00	29.79 -0.27 0.00	28.26 -0.78 0.00	28.00 -0.78 0.00	28.11 -0.72 0.00	27.99 -0.63 0.00	30.51 -0.59 0.00	34.98 -0.53 0.00	38.02 -0.58 0.00	45.16 -0.41 0.00	48.25 -0.24 0.00	51.83 -0.52 0.00	56.49 -0.63 0.00	61.75 -0.44 0.00	72.66 0.07 0.00	83.28 0.74 0.00	93.66 2.99 0.00	93.58 3.69 0.00	84.36 2.54 0.00	70.58 0.91 0.00	62.84 0.99 0.00	51.57 0.36 0.00
DUNKIRK___4 23566	40.04 0.71 0.00	34.00 -0.03 0.00	30.87 -0.34 0.00	29.79 -0.27 0.00	28.26 -0.78 0.00	28.00 -0.78 0.00	28.11 -0.72 0.00	27.99 -0.63 0.00	30.51 -0.59 0.00	34.98 -0.53 0.00	38.02 -0.58 0.00	45.16 -0.41 0.00	48.25 -0.24 0.00	51.83 -0.52 0.00	56.49 -0.63 0.00	61.75 -0.44 0.00	72.66 0.07 0.00	83.28 0.74 0.00	93.66 2.99 0.00	93.58 3.69 0.00	84.36 2.54 0.00	70.58 0.91 0.00	62.84 0.99 0.00	51.57 0.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.85 2.52 0.00	36.25 2.21 0.00	33.18 1.97 0.00	31.92 1.86 0.00	30.93 1.89 0.00	30.70 1.93 0.00	30.85 2.02 0.00	30.68 2.06 0.00	33.34 2.24 0.00	37.75 2.24 0.00	41.03 2.43 0.00	48.31 2.73 0.00	51.45 2.96 0.00	55.60 3.25 0.00	60.83 3.71 0.00	65.91 3.73 0.00	77.67 5.08 0.00	89.23 6.69 0.00	97.92 7.25 0.00	96.55 6.65 0.00	86.98 5.15 0.00	73.02 3.34 0.00	64.07 2.23 0.00	53.51 2.30 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.46 2.12 0.00	35.91 1.87 0.00	32.90 1.69 0.00	31.65 1.59 0.00	30.64 1.60 0.00	30.42 1.64 0.00	30.51 1.67 0.00	30.28 1.66 0.00	32.94 1.84 0.00	37.29 1.78 0.00	40.49 1.89 0.00	47.72 2.14 0.00	50.87 2.38 0.00	55.08 2.72 0.00	60.21 3.08 0.00	65.42 3.23 0.00	77.09 4.50 0.00	88.56 6.03 0.00	97.19 6.53 0.00	95.92 6.02 0.00	86.57 4.75 0.00	72.74 3.07 0.00	63.89 2.04 0.00	53.21 2.00 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	42.40 3.07 0.00	36.69 2.65 0.00	33.56 2.34 -0.01	32.26 2.19 -0.01	31.26 2.21 -0.01	31.00 2.22 -0.01	31.18 2.34 -0.01	31.00 2.38 -0.01	33.65 2.55 0.00	38.03 2.52 0.00	41.43 2.82 -0.01	48.76 3.19 0.00	51.84 3.35 0.00	55.92 3.56 -0.01	61.07 3.94 -0.01	65.98 3.79 -0.01	77.61 5.01 -0.01	89.15 6.60 -0.01	97.74 7.07 -0.01	96.47 6.56 -0.01	86.82 4.99 -0.01	72.89 3.21 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01

E179THST_13_KV_LOAD 356214	42.64 3.30 0.00	36.89 2.86 0.00	33.72 2.50 -0.01	32.41 2.34 -0.01	31.41 2.35 -0.01	31.14 2.36 -0.01	31.32 2.48 -0.01	31.14 2.52 -0.01	33.81 2.71 0.00	38.21 2.70 0.00	41.66 3.05 -0.01	49.04 3.46 0.00	52.18 3.69 0.00	56.29 3.93 -0.01	61.47 4.34 -0.01	66.48 4.29 -0.01	78.19 5.59 -0.01	89.81 7.26 -0.01	98.47 7.80 -0.01	97.09 7.19 -0.01	87.48 5.65 -0.01	73.38 3.69 -0.01	64.45 2.60 -0.01	54.14 2.92 -0.01
EAST HAMPTON___GT 23717	43.07 3.74 0.00	36.89 2.86 0.00	33.49 2.28 0.00	32.16 2.10 0.00	30.96 1.92 0.00	30.73 1.96 0.00	30.19 1.36 0.00	30.30 1.69 0.00	33.56 2.46 0.00	38.24 2.73 0.00	45.88 3.94 -3.34	50.46 4.74 -0.14	53.15 4.66 0.00	56.46 4.24 0.13	62.02 5.37 0.47	67.70 5.91 0.39	79.63 7.04 0.00	92.53 9.98 -0.01	101.45 10.78 0.00	98.34 8.45 0.00	86.70 5.97 1.09	72.22 3.41 0.87	56.83 2.22 7.24	53.00 1.79 0.00
EAST RIVER___6 23660	42.12 2.79 0.00	36.45 2.42 0.00	33.37 2.15 0.00	32.10 2.04 0.00	31.08 2.03 0.00	30.91 2.13 0.00	31.02 2.19 0.00	30.93 2.32 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.79 3.30 0.00	56.02 3.66 0.00	61.29 4.17 0.00	66.35 4.17 0.00	78.11 5.51 0.00	89.80 7.27 0.00	98.37 7.70 0.00	97.09 7.19 0.00	87.79 5.97 0.00	73.23 3.55 0.00	64.20 2.35 0.00	53.77 2.56 0.00
EAST RIVER___7 23524	42.12 2.79 0.00	36.45 2.42 0.00	33.37 2.15 0.00	32.10 2.04 0.00	31.08 2.03 0.00	30.91 2.13 0.00	31.02 2.19 0.00	30.93 2.32 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.79 3.30 0.00	56.02 3.66 0.00	61.29 4.17 0.00	66.35 4.17 0.00	78.11 5.51 0.00	89.80 7.27 0.00	98.37 7.70 0.00	97.09 7.19 0.00	87.79 5.97 0.00	73.23 3.55 0.00	64.20 2.35 0.00	53.77 2.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.77 2.44 0.00	36.18 2.14 0.00	33.12 1.90 0.00	31.86 1.80 0.00	30.88 1.83 0.00	30.65 1.87 0.00	30.77 1.93 0.00	30.59 1.97 0.00	33.25 2.15 0.00	37.64 2.13 0.00	40.88 2.28 0.00	48.17 2.60 0.00	51.31 2.81 0.00	55.44 3.09 0.00	60.66 3.54 0.00	65.79 3.61 0.00	77.46 4.86 0.00	88.98 6.44 0.00	97.65 6.98 0.00	96.28 6.38 0.00	86.73 4.91 0.00	72.88 3.21 0.00	63.95 2.10 0.00	53.41 2.20 0.00
EAST_HAMPTON___DIESEL 23722	42.99 3.66 0.00	36.82 2.79 0.00	33.43 2.22 0.00	32.10 2.04 0.00	30.91 1.86 0.00	30.65 1.87 0.00	30.10 1.27 0.00	30.22 1.60 0.00	33.47 2.36 0.00	38.14 2.63 0.00	45.77 3.82 -3.34	50.37 4.65 -0.14	53.05 4.56 0.00	56.36 4.14 0.13	61.90 5.25 0.47	67.51 5.72 0.39	79.41 6.82 0.00	92.36 9.82 -0.01	101.18 10.51 0.00	98.07 8.18 0.00	86.46 5.73 1.09	72.02 3.21 0.87	56.65 2.04 7.24	52.89 1.69 0.00
EAST_POINT___SOLAR 323840	42.83 3.50 0.00	36.92 2.89 0.00	33.77 2.56 0.00	32.46 2.41 0.00	31.43 2.38 0.00	31.11 2.33 0.00	30.71 1.87 0.00	29.73 1.11 0.00	32.13 1.02 0.00	36.40 0.89 0.00	39.53 0.92 0.00	46.40 0.82 0.00	49.37 0.87 0.00	53.56 1.21 0.00	58.49 1.37 0.00	63.86 1.68 0.00	75.13 2.54 0.00	86.83 4.29 0.00	97.47 6.80 0.00	100.32 10.42 0.00	92.86 11.04 0.00	78.18 8.50 0.00	68.40 6.55 0.00	56.33 5.12 0.00
EAST_PULASKI___ESR 323781	39.37 0.04 0.00	33.97 -0.07 0.00	31.09 -0.12 0.00	29.94 -0.12 0.00	28.93 -0.12 0.00	28.58 -0.20 0.00	28.63 -0.20 0.00	28.39 -0.23 0.00	30.92 -0.19 0.00	35.19 -0.32 0.00	38.29 -0.31 0.00	45.30 -0.27 0.00	48.16 -0.34 0.00	52.09 -0.26 0.00	56.89 -0.23 0.00	61.62 -0.56 0.00	72.45 -0.14 0.00	82.79 0.25 0.00	92.30 1.63 0.00	91.87 1.98 0.00	83.78 1.88 -0.07	70.80 1.11 -0.01	62.53 0.68 0.00	51.72 0.51 0.00
EAST_RIVER___1 323558	42.12 2.79 0.00	36.45 2.42 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.08 2.03 0.00	30.91 2.13 0.00	31.02 2.19 0.00	30.93 2.32 0.00	33.62 2.52 0.00	38.07 2.56 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.79 3.30 0.00	56.02 3.66 0.00	61.29 4.17 0.00	66.29 4.10 0.00	78.11 5.51 0.00	89.80 7.27 0.00	98.37 7.70 0.00	97.00 7.10 0.00	87.72 5.89 0.00	73.23 3.55 0.00	64.26 2.41 0.00	53.77 2.56 0.00
EAST_RIVER___2 323559	42.12 2.79 0.00	36.45 2.42 0.00	33.37 2.15 0.00	32.10 2.04 0.00	31.08 2.03 0.00	30.91 2.13 0.00	31.02 2.19 0.00	30.93 2.32 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.79 3.30 0.00	56.02 3.66 0.00	61.29 4.17 0.00	66.35 4.17 0.00	78.11 5.51 0.00	89.80 7.27 0.00	98.37 7.70 0.00	97.09 7.19 0.00	87.79 5.97 0.00	73.23 3.55 0.00	64.20 2.35 0.00	53.77 2.56 0.00
EAST___DELAWARE_HYD 23607	41.18 1.85 0.00	35.60 1.57 0.00	32.62 1.41 0.00	31.38 1.32 0.00	30.35 1.31 0.00	30.16 1.38 0.00	30.22 1.38 0.00	30.02 1.40 0.00	32.63 1.52 0.00	36.97 1.46 0.00	40.15 1.55 0.00	47.35 1.78 0.00	50.53 2.04 0.00	54.87 2.51 0.00	59.98 2.85 0.00	65.23 3.05 0.00	76.95 4.36 0.00	88.49 5.95 0.00	97.47 6.80 0.00	96.19 6.29 0.00	87.14 5.32 0.00	72.89 3.21 0.00	64.01 2.16 0.00	53.05 1.84 0.00
EIGHT_POINT___WT_PWR 323820	40.43 1.10 0.00	34.47 0.44 0.00	31.43 0.22 0.00	30.15 0.09 0.00	28.84 -0.20 0.00	28.26 -0.52 0.00	28.43 -0.40 0.00	28.07 -0.54 0.00	30.60 -0.50 0.00	34.98 -0.53 0.00	37.94 -0.66 0.00	44.98 -0.59 0.00	48.01 -0.48 0.00	51.73 -0.63 0.00	56.03 -1.09 0.00	61.18 -1.00 0.00	72.30 -0.29 0.00	83.20 0.66 0.00	93.75 3.08 0.00	94.21 4.31 0.00	86.07 4.25 0.00	71.77 2.09 0.00	63.64 1.79 0.00	52.13 0.92 0.00
ELBRIDGE_115KV_TB2 80188	39.49 0.16 0.00	34.03 0.00 0.00	31.15 -0.06 0.00	30.00 -0.06 0.00	28.90 -0.15 0.00	28.60 -0.17 0.00	28.66 -0.17 0.00	28.47 -0.14 0.00	31.01 -0.09 0.00	35.33 -0.18 0.00	38.48 -0.12 0.00	45.53 -0.05 0.00	48.54 0.05 0.00	52.46 0.10 0.00	57.29 0.17 0.00	62.37 0.19 0.00	73.17 0.58 0.00	83.53 0.99 0.00	92.48 1.81 0.00	91.87 1.98 0.00	83.29 1.47 0.00	70.44 0.77 0.00	62.22 0.37 0.00	51.36 0.15 0.00
ELEC_TRO_TEK 24086	42.44 3.11 0.00	36.59 2.55 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.05 2.00 0.00	30.79 2.01 0.00	30.80 1.96 0.00	30.71 2.09 0.00	33.56 2.46 0.00	38.10 2.59 0.00	45.53 2.90 -4.03	49.89 3.28 -1.03	52.01 3.49 -0.02	55.44 3.09 0.00	60.97 3.83 -0.02	65.98 3.79 0.00	77.75 5.15 0.00	89.64 7.10 0.00	98.19 7.53 0.00	96.10 6.20 0.00	86.32 4.50 0.00	72.81 3.14 0.00	65.75 2.66 -1.24	52.95 1.74 0.00
ELLENBURG_WT_PWR 323604	37.99 -1.34 0.00	32.94 -1.09 0.00	30.21 -1.00 0.00	29.13 -0.93 0.00	28.23 -0.81 0.00	27.94 -0.84 0.00	27.94 -0.89 0.00	27.79 -0.83 0.00	30.33 -0.78 0.00	34.83 -0.68 0.00	37.87 -0.73 0.00	44.66 -0.91 0.00	47.14 -1.36 0.00	50.26 -2.10 0.00	54.32 -2.80 0.00	59.14 -3.05 0.00	68.53 -4.06 0.00	77.09 -5.45 0.00	84.59 -6.07 0.00	84.50 -5.39 0.00	77.73 -4.09 0.00	67.66 -2.02 0.00	60.80 -1.05 0.00	50.54 -0.67 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.92 0.59 0.00	33.97 -0.07 0.00	30.84 -0.37 0.00	29.79 -0.27 0.00	28.29 -0.76 0.00	27.97 -0.81 0.00	28.06 -0.78 0.00	27.90 -0.72 0.00	30.39 -0.72 0.00	34.80 -0.71 0.00	37.87 -0.73 0.00	44.89 -0.68 0.00	47.96 -0.53 0.00	51.46 -0.89 0.00	56.21 -0.91 0.00	61.31 -0.87 0.00	72.08 -0.51 0.00	82.46 -0.08 0.00	92.75 2.09 0.00	92.50 2.61 0.00	83.38 1.55 0.00	69.75 0.07 0.00	62.28 0.43 0.00	51.26 0.05 0.00
EMPIRE_CC_1 323656	40.27 0.94 0.00	35.16 1.12 0.00	32.24 1.03 0.00	31.08 1.02 0.00	30.03 0.99 0.00	29.87 1.09 0.00	29.90 1.07 0.00	29.56 0.94 0.00	31.97 0.87 0.00	36.18 0.67 0.00	39.22 0.62 0.00	46.12 0.55 0.00	49.08 0.58 0.00	53.09 0.73 0.00	58.03 0.91 0.00	63.24 1.06 0.00	74.26 1.67 0.00	85.35 2.81 0.00	93.38 2.72 0.00	92.32 2.43 0.00	83.62 1.80 0.00	70.65 0.98 0.00	62.03 0.19 0.00	51.57 0.36 0.00
EMPIRE_CC_2 323658	40.27 0.94 0.00	35.16 1.12 0.00	32.24 1.03 0.00	31.08 1.02 0.00	30.03 0.99 0.00	29.87 1.09 0.00	29.90 1.07 0.00	29.56 0.94 0.00	31.97 0.87 0.00	36.18 0.67 0.00	39.22 0.62 0.00	46.12 0.55 0.00	49.08 0.58 0.00	53.09 0.73 0.00	58.03 0.91 0.00	63.24 1.06 0.00	74.26 1.67 0.00	85.35 2.81 0.00	93.38 2.72 0.00	92.32 2.43 0.00	83.62 1.80 0.00	70.65 0.98 0.00	62.03 0.19 0.00	51.57 0.36 0.00
ENORWICH_115KV_TB1 80156	42.40 3.07 0.00	36.45 2.42 0.00	33.24 2.03 0.00	31.98 1.92 0.00	30.91 1.86 0.00	30.65 1.87 0.00	30.56 1.73 0.00	30.28 1.66 0.00	32.94 1.84 0.00	37.32 1.81 0.00	40.49 1.89 0.00	48.22 2.64 0.00	51.40 2.91 0.00	55.71 3.35 0.00	60.95 3.83 0.00	66.60 4.41 0.00	79.05 6.46 0.00	91.04 8.50 0.00	103.09 12.42 0.00	102.75 12.86 0.00	93.11 11.29 0.00	77.76 8.08 0.00	68.28 6.43 0.00	55.82 4.61 0.00
ERIE_ST__34_KV_TB1-2 80199	39.80 0.47 0.00	33.80 -0.24 0.00	30.62 -0.59 0.00	29.64 -0.42 0.00	28.06 -0.99 0.00	27.83 -0.95 0.00	27.91 -0.92 0.00	27.79 -0.83 0.00	30.29 -0.81 0.00	34.69 -0.82 0.00	37.75 -0.85 0.00	44.84 -0.73 0.00	47.96 -0.53 0.00	51.52 -0.84 0.00	56.15 -0.97 0.00	61.50 -0.68 0.00	72.30 -0.29 0.00	82.87 0.33 0.00	93.11 2.45 0.00	92.95 3.06 0.00	83.70 1.88 0.00	70.10 0.42 0.00	62.40 0.56 0.00	51.11 -0.10 0.00
ERIE_WT_PWR 323693	40.04 0.71 0.00	34.00 -0.03 0.00	31.09 -0.12 0.00	29.94 -0.12 0.00	28.61 -0.43 0.00	28.00 -0.78 0.00	28.29 -0.55 0.00	27.99 -0.63 0.00	30.64 -0.47 0.00	35.05 -0.46 0.00	37.91 -0.69 0.00	44.94 -0.64 0.00	48.06 -0.44 0.00	51.57 -0.78 0.00	56.27 -0.86 0.00	61.44 -0.74 0.00	72.23 -0.36 0.00	82.70 0.17 0.00	93.11 2.45 0.00	92.86 2.96 0.00	84.11 2.29 0.00	70.03 0.35 0.00	62.83 0.99 0.00	51.62 0.41 0.00
ESPRGFLD_115KV_TB1 80157	41.93 2.60 0.00	36.11 2.08 0.00	33.06 1.84 0.00	31.77 1.71 0.00	30.73 1.68 0.00	30.47 1.70 0.00	30.42 1.59 0.00	30.05 1.43 0.00	32.63 1.52 0.00	37.04 1.53 0.00	40.30 1.70 0.00	47.67 2.10 0.00	50.77 2.28 0.00	55.02 2.67 0.00	60.09 2.97 0.00	65.48 3.30 0.00	77.09 4.50 0.00	88.65 6.11 0.00	98.82 8.16 0.00	98.97 9.08 0.00	90.09 8.26 0.00	75.88 6.20 0.00	66.67 4.82 0.00	54.95 3.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.51 1.18 0.00	34.88 0.85 0.00	31.90 0.69 0.00	30.69 0.63 0.00	29.57 0.52 0.00	29.27 0.49 0.00	29.32 0.49 0.00	29.10 0.49 0.00	31.66 0.56 0.00	35.97 0.46 0.00	39.10 0.50 0.00	46.30 0.73 0.00	49.37 0.87 0.00	53.40 1.05 0.00	58.26 1.14 0.00	63.55 1.37 0.00	74.91 2.32 0.00	85.76 3.22 0.00	95.47 4.81 0.00	95.11 5.21 0.00	86.24 4.42 0.00	72.74 3.07 0.00	64.07 2.23 0.00	52.80 1.59 0.00
ETNA____115KV_TB2 80207	40.51 1.18 0.00	34.88 0.85 0.00	31.90 0.69 0.00	30.69 0.63 0.00	29.57 0.52 0.00	29.27 0.49 0.00	29.32 0.49 0.00	29.10 0.49 0.00	31.66 0.56 0.00	35.97 0.46 0.00	39.10 0.50 0.00	46.30 0.73 0.00	49.37 0.87 0.00	53.40 1.05 0.00	58.26 1.14 0.00	63.55 1.37 0.00	74.91 2.32 0.00	85.76 3.22 0.00	95.47 4.81 0.00	95.11 5.21 0.00	86.24 4.42 0.00	72.74 3.07 0.00	64.07 2.23 0.00	52.80 1.59 0.00
EUCLID____115KV_TB2 356179	39.25 -0.08 0.00	33.86 -0.17 0.00	31.00 -0.22 0.00	29.85 -0.21 0.00	28.76 -0.29 0.00	28.46 -0.32 0.00	28.52 -0.32 0.00	28.33 -0.29 0.00	30.85 -0.25 0.00	35.15 -0.36 0.00	38.29 -0.31 0.00	45.30 -0.27 0.00	48.25 -0.24 0.00	52.15 -0.21 0.00	56.95 -0.17 0.00	62.00 -0.19 0.00	72.66 0.07 0.00	82.95 0.41 0.00	91.75 1.09 0.00	91.06 1.17 0.00	82.56 0.74 0.00	69.82 0.14 0.00	61.72 -0.12 0.00	51.00 -0.20 0.00
E_CANADA_CAP_HY 24051	42.48 3.15 0.00	36.65 2.62 0.00	33.56 2.34 0.00	32.25 2.19 0.00	31.23 2.18 0.00	30.94 2.16 0.00	30.82 1.99 0.00	30.25 1.63 0.00	32.78 1.68 0.00	37.14 1.63 0.00	40.30 1.70 0.00	47.53 1.96 0.00	50.58 2.08 0.00	54.87 2.51 0.00	59.92 2.80 0.00	65.41 3.23 0.00	77.02 4.43 0.00	88.98 6.44 0.00	99.37 8.70 0.00	100.23 10.33 0.00	91.80 9.98 0.00	77.21 7.53 0.00	67.66 5.81 0.00	55.76 4.56 0.00
E_CANADA_MHWK_HY 24050	39.49 0.16 0.00	34.14 0.10 0.00	31.31 0.09 0.00	30.15 0.09 0.00	29.16 0.12 0.00	28.92 0.14 0.00	28.95 0.12 0.00	28.70 0.09 0.00	31.23 0.12 0.00	35.62 0.11 0.00	38.68 0.08 0.00	45.71 0.14 0.00	48.64 0.15 0.00	52.51 0.16 0.00	57.24 0.11 0.00	62.24 0.06 0.00	72.88 0.29 0.00	83.28 0.74 0.00	92.03 1.36 0.00	91.33 1.43 0.00	82.97 1.14 0.00	70.30 0.63 0.00	62.16 0.31 0.00	51.36 0.15 0.00
E_FISHKILL__LBMP 23776	41.38 2.05 0.00	35.84 1.80 0.00	32.87 1.65 0.00	31.62 1.56 0.00	30.64 1.60 0.00	30.42 1.64 0.00	30.51 1.67 0.00	30.30 1.69 0.00	32.94 1.84 0.00	37.29 1.78 0.00	40.45 1.85 0.00	47.67 2.10 0.00	50.73 2.23 0.00	54.87 2.51 0.00	59.92 2.80 0.00	65.04 2.86 0.00	76.58 3.99 0.00	87.99 5.45 0.00	96.47 5.80 0.00	95.20 5.30 0.00	85.83 4.01 0.00	72.19 2.51 0.00	63.39 1.55 0.00	52.90 1.69 0.00
FALCON____SEABRD_CC1 323796	38.35 -0.98 0.00	33.25 -0.78 0.00	30.46 -0.75 0.00	29.40 -0.66 0.00	28.47 -0.58 0.00	28.17 -0.61 0.00	28.20 -0.63 0.00	28.01 -0.60 0.00	30.60 -0.50 0.00	35.19 -0.32 0.00	38.25 -0.35 0.00	45.12 -0.46 0.00	47.23 -1.26 0.00	49.79 -2.56 0.00	53.52 -3.60 0.00	58.20 -3.98 0.00	67.51 -5.08 0.00	75.93 -6.61 0.00	83.32 -7.34 0.00	83.24 -6.65 0.00	76.67 -5.15 0.00	66.82 -2.86 0.00	60.05 -1.80 0.00	50.18 -1.02 0.00
FALCON____SEABRD_CC2 323797	38.35 -0.98 0.00	33.25 -0.78 0.00	30.46 -0.75 0.00	29.40 -0.66 0.00	28.47 -0.58 0.00	28.17 -0.61 0.00	28.20 -0.63 0.00	28.01 -0.60 0.00	30.60 -0.50 0.00	35.19 -0.32 0.00	38.25 -0.35 0.00	45.12 -0.46 0.00	47.23 -1.26 0.00	49.79 -2.56 0.00	53.52 -3.60 0.00	58.20 -3.98 0.00	67.51 -5.08 0.00	75.93 -6.61 0.00	83.32 -7.34 0.00	83.24 -6.65 0.00	76.67 -5.15 0.00	66.82 -2.86 0.00	60.05 -1.80 0.00	50.18 -1.02 0.00

FAR ROCKAWAY___4 23548	43.11 3.78 0.00	37.16 3.13 0.00	33.87 2.65 0.00	32.55 2.49 0.00	31.49 2.44 0.00	31.19 2.42 0.00	31.20 2.36 0.00	31.11 2.49 0.00	34.06 2.95 0.00	38.71 3.20 0.00	47.25 3.63 -5.02	52.17 4.28 -2.31	53.21 4.66 -0.05	56.65 4.29 0.00	62.43 5.26 -0.06	67.53 5.35 0.00	79.63 7.04 0.00	91.87 9.33 0.00	100.73 10.06 0.00	98.53 8.63 0.00	88.37 6.55 0.00	74.56 4.88 0.00	72.26 4.14 -6.27	54.02 2.82 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.12 2.79 0.00	36.45 2.42 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.11 2.06 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.88 2.26 0.00	33.59 2.49 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.79 3.30 0.00	55.97 3.61 0.00	61.23 4.11 0.00	66.29 4.10 0.00	78.04 5.44 0.00	89.64 7.10 0.00	98.37 7.71 0.00	97.00 7.10 0.00	87.30 5.48 0.00	73.23 3.55 0.00	64.32 2.47 0.00	53.87 2.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.12 2.79 0.00	36.45 2.42 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.11 2.06 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.88 2.26 0.00	33.59 2.49 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.79 3.30 0.00	55.97 3.61 0.00	61.23 4.11 0.00	66.29 4.10 0.00	78.11 5.52 0.00	89.72 7.18 0.00	98.37 7.71 0.00	97.00 7.10 0.00	87.39 5.56 0.00	73.30 3.62 0.00	64.32 2.47 0.00	53.87 2.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.09 2.75 0.00	36.45 2.42 0.00	33.34 2.12 0.00	32.07 2.01 0.00	31.08 2.03 0.00	30.85 2.07 0.00	31.03 2.19 0.00	30.88 2.26 0.00	33.56 2.46 0.00	38.00 2.49 0.00	41.26 2.66 0.00	48.58 3.01 0.00	51.74 3.25 0.00	55.91 3.56 0.00	61.18 4.06 0.00	66.22 4.04 0.00	77.96 5.37 0.00	89.56 7.02 0.00	98.19 7.53 0.00	96.91 7.01 0.00	87.22 5.40 0.00	73.16 3.48 0.00	64.26 2.41 0.00	53.82 2.61 0.00
FARRAGUT___LBMP 323566	42.05 2.71 0.00	36.42 2.38 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.05 2.00 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.85 2.23 0.00	33.56 2.46 0.00	37.96 2.45 0.00	41.26 2.66 0.00	48.54 2.96 0.00	51.70 3.20 0.00	55.86 3.51 0.00	61.12 4.00 0.00	66.16 3.98 0.00	77.89 5.30 0.00	89.47 6.93 0.00	98.10 7.43 0.00	96.82 6.92 0.00	87.14 5.32 0.00	73.09 3.41 0.00	64.20 2.35 0.00	53.77 2.56 0.00
FENNER___WINDPWR 24204	40.32 0.98 0.00	34.78 0.75 0.00	31.84 0.62 0.00	30.63 0.57 0.00	29.60 0.55 0.00	29.29 0.52 0.00	29.32 0.49 0.00	29.10 0.49 0.00	31.66 0.56 0.00	36.04 0.53 0.00	39.18 0.58 0.00	46.40 0.82 0.00	49.41 0.92 0.00	53.51 1.15 0.00	58.38 1.26 0.00	63.61 1.43 0.00	74.77 2.18 0.00	85.51 2.97 0.00	95.20 4.53 0.00	94.57 4.67 0.00	86.03 4.17 -0.03	72.54 2.86 0.00	64.01 2.16 0.00	52.80 1.59 0.00
FIBERTEK___ENERGY 23856	39.65 0.31 0.00	34.20 0.17 0.00	31.31 0.09 0.00	30.12 0.06 0.00	29.05 0.00 0.00	28.72 -0.06 0.00	28.81 -0.03 0.00	28.62 0.00 0.00	31.20 0.09 0.00	35.51 0.00 0.00	38.72 0.12 0.00	45.85 0.27 0.00	48.83 0.34 0.00	52.83 0.47 0.00	57.69 0.57 0.00	62.74 0.56 0.00	73.68 1.09 0.00	84.03 1.49 0.00	93.02 2.36 0.00	92.41 2.52 0.00	83.79 1.96 0.00	70.79 1.11 0.00	62.53 0.68 0.00	51.62 0.41 0.00
FITZPATRICK___ 23598	38.55 -0.79 0.00	33.25 -0.78 0.00	30.50 -0.72 0.00	29.37 -0.69 0.00	28.35 -0.70 0.00	28.03 -0.75 0.00	28.11 -0.72 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.59 -0.92 0.00	37.64 -0.96 0.00	44.48 -1.09 0.00	47.38 -1.11 0.00	51.20 -1.15 0.00	55.86 -1.26 0.00	60.81 -1.37 0.00	71.21 -1.38 0.00	81.22 -1.32 0.00	89.67 -1.00 0.00	89.00 -0.90 0.00	80.92 -0.90 0.00	68.43 -1.25 0.00	60.61 -1.24 0.00	50.13 -1.08 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.77 2.44 0.00	36.18 2.14 0.00	33.15 1.94 0.00	31.89 1.83 0.00	30.88 1.83 0.00	30.65 1.87 0.00	30.77 1.93 0.00	30.50 1.89 0.00	33.19 2.08 0.00	37.61 2.10 0.00	40.84 2.24 0.00	48.17 2.60 0.00	51.40 2.91 0.00	55.71 3.35 0.00	60.95 3.83 0.00	66.29 4.10 0.00	78.11 5.52 0.00	89.72 7.18 0.00	98.55 7.89 0.00	97.18 7.28 0.00	87.63 5.81 0.00	73.58 3.90 0.00	64.63 2.78 0.00	53.72 2.51 0.00
FORT ORANGE___ 23900	40.32 0.98 0.00	35.09 1.06 0.00	32.18 0.97 0.00	30.99 0.93 0.00	29.98 0.93 0.00	29.75 0.98 0.00	29.78 0.95 0.00	29.50 0.89 0.00	31.97 0.87 0.00	36.22 0.71 0.00	38.91 0.31 0.00	45.80 0.23 0.00	48.69 0.19 0.00	52.51 0.16 0.00	57.41 0.29 0.00	62.62 0.44 0.00	73.47 0.87 0.00	84.52 1.98 0.00	92.75 2.09 0.00	91.87 1.98 0.00	83.30 1.47 0.00	70.37 0.70 0.00	61.85 0.00 0.00	51.31 0.10 0.00
FORT_DRUM_COGEN 23780	40.32 0.98 0.00	34.71 0.68 0.00	31.71 0.50 0.00	30.51 0.45 0.00	29.57 0.52 0.00	29.29 0.52 0.00	29.18 0.35 0.00	28.87 0.26 0.00	31.41 0.31 0.00	35.65 0.14 0.00	38.79 0.19 0.00	46.08 0.50 0.00	48.88 0.39 0.00	52.77 0.42 0.00	57.75 0.63 0.00	62.93 0.75 0.00	74.19 1.60 0.00	85.26 2.72 0.00	97.01 6.35 0.00	97.27 7.37 0.00	89.17 7.12 -0.22	75.14 5.43 -0.02	66.18 4.33 0.00	54.28 3.07 0.00
FOX_HILLS___ESR 323835	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.20 2.15 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.59 2.49 0.00	38.00 2.49 0.00	41.34 2.74 0.00	48.81 3.24 0.00	51.74 3.25 0.00	53.69 3.09 1.75	54.10 3.54 6.56	54.78 3.36 10.76	57.04 4.86 20.42	77.93 6.44 11.05	90.82 6.98 6.83	89.36 6.38 6.92	77.08 4.91 9.65	59.19 3.07 13.55	54.03 1.67 9.48	52.47 2.05 0.79
FPL_FAR_ROCK_GT1 24212	43.11 3.78 0.00	37.16 3.13 0.00	33.87 2.65 0.00	32.58 2.53 0.00	31.46 2.41 0.00	31.22 2.44 0.00	31.20 2.36 0.00	31.16 2.55 0.00	34.09 2.99 0.00	38.74 3.23 0.00	47.25 3.63 -5.02	52.17 4.28 -2.31	53.16 4.61 -0.06	56.70 4.34 0.00	62.43 5.25 -0.06	67.53 5.35 0.00	79.63 7.04 0.00	91.87 9.32 -0.01	100.73 10.06 0.00	98.53 8.63 0.00	88.86 7.04 0.00	74.28 4.60 0.00	71.83 3.71 -6.27	53.87 2.66 0.00
FPL_FAR_ROCK_GT2 23815	43.11 3.78 0.00	37.16 3.13 0.00	33.87 2.65 0.00	32.58 2.53 0.00	31.46 2.41 0.00	31.22 2.44 0.00	31.20 2.36 0.00	31.16 2.55 0.00	34.09 2.99 0.00	38.74 3.23 0.00	47.25 3.63 -5.02	52.17 4.28 -2.31	53.16 4.61 -0.06	56.70 4.34 0.00	62.43 5.25 -0.06	67.53 5.35 0.00	79.63 7.04 0.00	91.87 9.32 -0.01	100.73 10.06 0.00	98.53 8.63 0.00	88.86 7.04 0.00	74.28 4.60 0.00	71.83 3.71 -6.27	53.87 2.66 0.00
FRANKLIN_FALL_HYD 24054	38.51 -0.83 0.00	33.42 -0.61 0.00	30.59 -0.62 0.00	29.49 -0.57 0.00	28.58 -0.46 0.00	28.26 -0.52 0.00	28.26 -0.58 0.00	28.10 -0.52 0.00	30.76 -0.34 0.00	35.37 -0.14 0.00	38.45 -0.15 0.00	45.44 -0.14 0.00	48.06 -0.44 0.00	51.57 -0.79 0.00	55.69 -1.43 0.00	60.44 -1.74 0.00	70.27 -2.32 0.00	79.24 -3.30 0.00	86.77 -3.90 0.00	86.48 -3.42 0.00	80.54 -1.55 -0.27	69.36 -0.35 -0.03	62.28 0.43 0.00	51.57 0.36 0.00

FREEPORT_EQUS_GT1 23764	42.83 3.50 0.00	36.89 2.86 0.00	33.62 2.40 0.00	32.31 2.26 0.00	31.20 2.15 0.00	30.99 2.22 0.00	30.94 2.10 0.00	30.93 2.32 0.00	33.84 2.74 0.00	38.46 2.95 0.00	45.87 3.32 -3.95	50.27 3.78 -0.92	52.44 3.93 -0.02	55.92 3.56 0.00	61.60 4.46 -0.02	66.41 4.23 0.00	78.32 5.73 0.00	90.06 7.51 -0.01	98.64 7.98 0.00	96.45 6.56 0.00	86.90 5.07 0.00	73.23 3.55 0.00	63.13 2.72 1.44	53.15 1.95 0.00
FREEPORT___CT2 23818	42.83 3.50 0.00	36.89 2.86 0.00	33.62 2.40 0.00	32.31 2.26 0.00	31.20 2.15 0.00	30.99 2.22 0.00	30.94 2.10 0.00	30.93 2.32 0.00	33.84 2.74 0.00	38.46 2.95 0.00	45.87 3.32 -3.95	50.27 3.78 -0.92	52.44 3.93 -0.02	55.92 3.56 0.00	61.60 4.46 -0.02	66.41 4.23 0.00	78.32 5.73 0.00	90.06 7.51 -0.01	98.64 7.98 0.00	96.45 6.56 0.00	86.90 5.07 0.00	73.23 3.55 0.00	63.13 2.72 1.44	53.15 1.95 0.00
FRESHKLS_33_KV_LOAD 356253	42.52 3.19 0.00	36.72 2.69 0.00	33.56 2.34 0.00	32.22 2.16 0.00	31.25 2.21 0.00	30.93 2.16 0.00	31.08 2.25 0.00	30.88 2.26 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.42 2.82 0.00	48.90 3.33 0.00	51.74 3.25 0.00	53.59 2.98 1.75	54.04 3.48 6.56	54.78 3.36 10.76	57.04 4.86 20.42	77.93 6.44 11.05	90.82 6.98 6.83	89.36 6.38 6.92	77.08 4.91 9.65	59.19 3.07 13.55	53.97 1.61 9.48	52.41 2.00 0.79
FULTON COGEN____ 23766	39.14 -0.20 0.00	33.76 -0.27 0.00	30.90 -0.31 0.00	29.76 -0.30 0.00	28.70 -0.35 0.00	28.40 -0.37 0.00	28.46 -0.37 0.00	28.24 -0.37 0.00	30.76 -0.34 0.00	35.05 -0.46 0.00	38.18 -0.42 0.00	45.16 -0.41 0.00	48.11 -0.39 0.00	51.99 -0.37 0.00	56.78 -0.34 0.00	61.75 -0.44 0.00	72.45 -0.15 0.00	82.62 0.08 0.00	91.48 0.82 0.00	90.79 0.90 0.00	82.39 0.57 0.00	69.68 0.00 0.00	61.54 -0.31 0.00	50.90 -0.31 0.00
FULTON___LFGE 323630	42.40 3.07 0.00	36.62 2.59 0.00	33.52 2.31 0.00	32.19 2.13 0.00	31.17 2.12 0.00	30.91 2.13 0.00	30.82 1.99 0.00	30.33 1.72 0.00	32.91 1.80 0.00	37.28 1.77 0.00	40.42 1.81 0.00	47.72 2.14 0.00	50.73 2.23 0.00	55.02 2.67 0.00	60.15 3.03 0.00	65.72 3.54 0.00	77.31 4.72 0.00	89.31 6.77 0.00	99.46 8.79 0.00	100.05 10.16 0.00	91.47 9.65 0.00	76.99 7.31 0.00	67.53 5.69 0.00	55.66 4.45 0.00
G.F.CEMENT___DRP 24184	41.34 2.01 0.00	35.77 1.74 0.00	32.74 1.53 0.00	31.47 1.41 0.00	30.50 1.45 0.00	30.21 1.44 0.00	30.31 1.47 0.00	29.99 1.37 0.00	32.66 1.56 0.00	37.04 1.53 0.00	39.91 1.31 0.00	47.12 1.55 0.00	50.00 1.50 0.00	54.19 1.83 0.00	59.41 2.28 0.00	64.92 2.74 0.00	76.29 3.70 0.00	87.99 5.45 0.00	97.65 6.98 0.00	97.18 7.28 0.00	88.29 6.46 0.00	74.56 4.88 0.00	65.25 3.40 0.00	53.92 2.71 0.00
GARDENVILLE___LBMP 24039	40.00 0.67 0.00	34.00 -0.03 0.00	30.81 -0.41 0.00	29.79 -0.27 0.00	28.23 -0.81 0.00	27.94 -0.83 0.00	28.00 -0.84 0.00	27.79 -0.83 0.00	30.26 -0.84 0.00	34.69 -0.82 0.00	37.75 -0.85 0.00	44.75 -0.82 0.00	47.86 -0.63 0.00	51.31 -1.05 0.00	55.92 -1.20 0.00	61.13 -1.06 0.00	71.79 -0.80 0.00	82.29 -0.25 0.00	92.57 1.90 0.00	92.50 2.61 0.00	83.46 1.64 0.00	69.89 0.21 0.00	62.34 0.49 0.00	51.21 0.00 0.00
GARDNVLA_35_KV_LD 355827	40.08 0.75 0.00	34.07 0.03 0.00	30.90 -0.31 0.00	29.88 -0.18 0.00	28.32 -0.73 0.00	28.03 -0.75 0.00	28.11 -0.72 0.00	27.96 -0.66 0.00	30.45 -0.65 0.00	34.91 -0.60 0.00	37.98 -0.62 0.00	45.07 -0.50 0.00	48.20 -0.29 0.00	51.73 -0.63 0.00	56.44 -0.69 0.00	61.62 -0.56 0.00	72.45 -0.15 0.00	82.95 0.41 0.00	93.29 2.63 0.00	93.13 3.24 0.00	83.95 2.13 0.00	70.24 0.56 0.00	62.65 0.80 0.00	51.46 0.26 0.00
GELCKHM___115KV_LOAD 80723	39.37 0.04 0.00	33.97 -0.07 0.00	31.09 -0.12 0.00	29.94 -0.12 0.00	28.84 -0.20 0.00	28.55 -0.23 0.00	28.63 -0.20 0.00	28.42 -0.20 0.00	30.98 -0.12 0.00	35.30 -0.21 0.00	38.45 -0.15 0.00	45.48 -0.09 0.00	48.49 0.00 0.00	52.41 0.05 0.00	57.18 0.06 0.00	62.24 0.06 0.00	73.03 0.44 0.00	83.36 0.83 0.00	92.21 1.54 0.00	91.51 1.62 0.00	82.97 1.15 0.00	70.17 0.49 0.00	62.03 0.19 0.00	51.26 0.05 0.00
GENERAL___MILLS 23808	40.00 0.67 0.00	34.00 -0.03 0.00	30.84 -0.37 0.00	29.82 -0.24 0.00	28.29 -0.76 0.00	28.00 -0.78 0.00	28.08 -0.75 0.00	27.93 -0.69 0.00	30.42 -0.68 0.00	34.84 -0.67 0.00	37.91 -0.69 0.00	44.98 -0.59 0.00	48.06 -0.44 0.00	51.57 -0.79 0.00	56.26 -0.86 0.00	61.44 -0.75 0.00	72.23 -0.36 0.00	82.70 0.17 0.00	93.02 2.36 0.00	92.86 2.97 0.00	83.70 1.88 0.00	70.10 0.42 0.00	62.53 0.68 0.00	51.36 0.15 0.00
GE_PLASTICS___DRP 24183	40.20 0.87 0.00	34.95 0.92 0.00	32.21 1.00 0.00	30.99 0.93 0.00	30.01 0.96 0.00	29.75 0.98 0.00	29.81 0.98 0.00	29.53 0.92 0.00	32.04 0.93 0.00	36.33 0.82 0.00	39.18 0.58 0.00	46.17 0.59 0.00	48.88 0.39 0.00	52.62 0.26 0.00	57.52 0.40 0.00	62.68 0.50 0.00	73.54 0.94 0.00	84.36 1.82 0.00	92.48 1.81 0.00	91.51 1.62 0.00	82.80 0.98 0.00	70.17 0.49 0.00	61.79 -0.06 0.00	51.31 0.10 0.00
GILBOA___1 23756	40.43 1.10 0.00	35.02 0.99 0.00	32.24 1.03 0.00	31.05 0.99 0.00	30.00 0.96 0.00	29.81 1.03 0.00	29.87 1.04 0.00	29.64 1.03 0.00	32.03 0.93 0.00	36.36 0.85 0.00	39.45 0.85 0.00	46.53 0.96 0.00	49.52 1.02 0.00	53.56 1.21 0.00	58.49 1.37 0.00	63.61 1.43 0.00	74.48 1.88 0.00	85.18 2.64 0.00	93.30 2.63 0.00	92.32 2.43 0.00	83.95 2.12 0.00	71.14 1.47 0.00	62.65 0.80 0.00	52.03 0.82 0.00
GILBOA___2 23757	40.43 1.10 0.00	35.02 0.99 0.00	32.24 1.03 0.00	31.05 0.99 0.00	30.00 0.96 0.00	29.81 1.03 0.00	29.87 1.04 0.00	29.64 1.03 0.00	32.03 0.93 0.00	36.36 0.85 0.00	39.45 0.85 0.00	46.53 0.96 0.00	49.52 1.02 0.00	53.56 1.21 0.00	58.49 1.37 0.00	63.61 1.43 0.00	74.48 1.88 0.00	85.18 2.64 0.00	93.30 2.63 0.00	92.32 2.43 0.00	83.95 2.12 0.00	71.14 1.47 0.00	62.65 0.80 0.00	52.03 0.82 0.00
GILBOA___3 23758	40.43 1.10 0.00	35.02 0.99 0.00	32.24 1.03 0.00	31.05 0.99 0.00	30.00 0.96 0.00	29.81 1.03 0.00	29.87 1.04 0.00	29.64 1.03 0.00	32.03 0.93 0.00	36.36 0.85 0.00	39.45 0.85 0.00	46.53 0.96 0.00	49.52 1.02 0.00	53.56 1.21 0.00	58.49 1.37 0.00	63.61 1.43 0.00	74.48 1.88 0.00	85.18 2.64 0.00	93.30 2.63 0.00	92.32 2.43 0.00	83.95 2.12 0.00	71.14 1.47 0.00	62.65 0.80 0.00	52.03 0.82 0.00
GILBOA___4 23759	40.43 1.10 0.00	35.02 0.99 0.00	32.24 1.03 0.00	31.05 0.99 0.00	30.00 0.96 0.00	29.81 1.03 0.00	29.87 1.04 0.00	29.64 1.03 0.00	32.03 0.93 0.00	36.36 0.85 0.00	39.45 0.85 0.00	46.53 0.96 0.00	49.52 1.02 0.00	53.56 1.21 0.00	58.49 1.37 0.00	63.61 1.43 0.00	74.48 1.88 0.00	85.18 2.64 0.00	93.30 2.63 0.00	92.32 2.43 0.00	83.95 2.12 0.00	71.14 1.47 0.00	62.65 0.80 0.00	52.03 0.82 0.00

GILBOA____ 23599	40.43 1.10 0.00	35.02 0.99 0.00	32.28 1.06 0.00	31.05 0.99 0.00	30.03 0.99 0.00	29.78 1.01 0.00	29.87 1.04 0.00	29.65 1.03 0.00	32.07 0.96 0.00	36.40 0.89 0.00	39.45 0.85 0.00	46.53 0.96 0.00	49.51 1.02 0.00	53.51 1.15 0.00	58.44 1.31 0.00	63.61 1.43 0.00	74.48 1.89 0.00	85.10 2.56 0.00	93.29 2.63 0.00	92.32 2.43 0.00	83.79 1.96 0.00	71.14 1.46 0.00	62.71 0.87 0.00	52.08 0.87 0.00
GINNA____ 23603	38.74 -0.59 0.00	33.15 -0.89 0.00	30.37 -0.84 0.00	29.16 -0.90 0.00	28.06 -0.99 0.00	27.54 -1.24 0.00	27.68 -1.15 0.00	27.44 -1.17 0.00	30.04 -1.06 0.00	34.34 -1.17 0.00	37.48 -1.12 0.00	44.44 -1.14 0.00	47.43 -1.07 0.00	51.20 -1.15 0.00	56.03 -1.09 0.00	61.12 -1.06 0.00	71.72 -0.87 0.00	81.88 -0.66 0.00	91.30 0.64 0.00	90.70 0.81 0.00	82.32 0.49 0.00	69.05 -0.63 0.00	61.42 -0.43 0.00	50.49 -0.72 0.00
GLEN PARK____ 23778	40.55 1.22 0.00	34.92 0.88 0.00	31.90 0.69 0.00	30.66 0.60 0.00	29.77 0.73 0.00	29.47 0.69 0.00	29.32 0.49 0.00	29.02 0.40 0.00	31.57 0.47 0.00	35.76 0.25 0.00	38.95 0.35 0.00	46.30 0.73 0.00	49.03 0.53 0.00	53.03 0.68 0.00	58.03 0.91 0.00	63.24 1.06 0.00	74.62 2.03 0.00	85.76 3.22 0.00	97.92 7.26 0.00	98.16 8.27 0.00	89.97 7.93 -0.21	75.83 6.13 -0.02	66.73 4.88 0.00	54.64 3.43 0.00
GLENDALE_27_KV_LOAD 356172	42.44 3.11 0.00	36.72 2.69 0.00	33.56 2.34 0.00	32.25 2.19 0.00	31.25 2.21 0.00	31.02 2.24 0.00	31.17 2.34 0.00	31.02 2.40 0.00	33.75 2.64 0.00	38.17 2.66 0.00	41.50 2.90 0.00	48.90 3.33 0.00	52.04 3.54 0.00	56.12 3.77 0.00	61.35 4.23 0.00	66.35 4.17 0.00	78.03 5.44 0.01	89.71 7.18 0.01	98.36 7.71 0.01	96.99 7.10 0.01	87.38 5.56 0.01	72.02 3.62 1.28	64.31 2.47 0.01	53.97 2.77 0.00
GLENWOOD_IC_1_G5 23712	42.40 3.07 0.00	36.62 2.59 0.00	33.46 2.25 0.00	32.16 2.10 0.00	31.14 2.09 0.00	30.88 2.10 0.00	30.94 2.10 0.00	30.82 2.20 0.00	33.62 2.52 0.00	38.17 2.66 0.00	45.33 3.01 -3.72	49.66 3.46 -0.62	52.19 3.69 -0.01	55.97 3.61 0.00	61.41 4.28 -0.01	66.10 3.92 0.00	77.96 5.37 0.00	89.72 7.18 0.00	98.37 7.71 0.00	96.55 6.65 0.00	86.73 4.91 0.00	73.02 3.34 0.00	63.74 2.91 1.01	53.51 2.30 0.00
GLENWOOD_IC_2_G1 23688	42.17 2.83 0.00	36.45 2.42 0.00	33.31 2.09 0.00	32.04 1.98 0.00	30.99 1.95 0.00	30.79 2.01 0.00	30.85 2.02 0.00	30.76 2.15 0.00	33.50 2.40 0.00	37.99 2.48 0.00	44.77 2.70 -3.47	48.94 3.05 -0.31	51.79 3.30 0.00	55.71 3.35 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.89 5.30 0.00	89.65 7.10 -0.01	98.19 7.52 0.00	96.55 6.65 0.00	87.22 5.40 0.00	72.95 3.28 0.00	64.07 2.22 0.00	53.26 2.05 0.00
GLENWOOD_IC_3_G1 23689	42.17 2.83 0.00	36.45 2.42 0.00	33.31 2.09 0.00	32.04 1.98 0.00	30.99 1.95 0.00	30.79 2.01 0.00	30.85 2.02 0.00	30.76 2.15 0.00	33.50 2.40 0.00	37.99 2.48 0.00	44.77 2.70 -3.47	48.94 3.05 -0.31	51.79 3.30 0.00	55.71 3.35 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.89 5.30 0.00	89.65 7.10 -0.01	98.19 7.52 0.00	96.55 6.65 0.00	87.22 5.40 0.00	72.95 3.28 0.00	64.07 2.22 0.00	53.26 2.05 0.00
GLENWOOD____4 23550	42.40 3.07 0.00	36.62 2.59 0.00	33.46 2.25 0.00	32.16 2.10 0.00	31.14 2.09 0.00	30.88 2.10 0.00	30.94 2.10 0.00	30.82 2.20 0.00	33.62 2.52 0.00	38.17 2.66 0.00	45.33 3.01 -3.72	49.66 3.46 -0.62	52.19 3.69 -0.01	55.97 3.61 0.00	61.41 4.28 -0.01	66.29 4.10 0.00	78.11 5.52 0.00	89.89 7.35 0.00	98.55 7.89 0.00	96.73 6.83 0.00	86.89 5.07 0.00	73.23 3.55 0.00	63.74 2.91 1.01	53.51 2.30 0.00
GLENWOOD____5 23614	42.40 3.07 0.00	36.62 2.59 0.00	33.46 2.25 0.00	32.16 2.10 0.00	31.14 2.09 0.00	30.88 2.10 0.00	30.94 2.10 0.00	30.82 2.20 0.00	33.62 2.52 0.00	38.17 2.66 0.00	45.33 3.01 -3.72	49.66 3.46 -0.62	52.19 3.69 -0.01	55.97 3.61 0.00	61.41 4.28 -0.01	66.29 4.10 0.00	78.11 5.52 0.00	89.89 7.35 0.00	98.55 7.89 0.00	96.73 6.83 0.00	86.89 5.07 0.00	73.23 3.55 0.00	63.74 2.91 1.01	53.51 2.30 0.00
GLOBAL GREEN_PORT_GT1 23814	43.30 3.97 0.00	37.10 3.06 0.00	33.68 2.47 0.00	32.34 2.28 0.00	31.17 2.12 0.00	30.91 2.13 0.00	30.48 1.64 0.00	30.56 1.95 0.00	33.81 2.70 0.00	38.49 2.98 0.00	46.08 4.13 -3.34	50.68 4.97 -0.14	53.44 4.95 0.00	56.77 4.55 0.13	62.36 5.71 0.47	68.01 6.22 0.39	80.21 7.62 0.00	93.20 10.65 -0.01	102.18 11.52 0.00	99.07 9.17 0.00	87.44 6.71 1.09	72.85 4.04 0.87	57.40 2.79 7.24	53.31 2.10 0.00
GLOBE____DSASP 323697	38.98 -0.35 0.00	33.15 -0.88 0.00	30.68 -0.53 0.00	29.16 -0.90 0.00	28.20 -0.84 0.00	27.39 -1.38 0.00	27.48 -1.36 0.00	27.30 -1.32 0.00	29.70 -1.40 0.00	33.98 -1.53 0.00	36.94 -1.66 0.00	43.75 -1.82 0.00	46.75 -1.75 0.00	50.10 -2.25 0.00	54.78 -2.34 0.00	59.69 -2.49 0.00	69.98 -2.61 0.00	79.98 -2.56 0.00	89.85 -0.82 0.00	89.45 -0.45 0.00	80.68 -1.15 0.00	67.45 -2.23 0.00	60.49 -1.36 0.00	49.98 -1.23 0.00
GOETHSLN____LBMP 323567	41.89 2.56 0.00	36.25 2.21 0.00	33.18 1.97 0.00	31.89 1.83 0.00	30.91 1.86 0.00	30.70 1.93 0.00	30.85 2.02 0.00	30.73 2.12 0.00	33.44 2.33 0.00	37.82 2.31 0.00	41.07 2.47 0.00	48.31 2.73 0.00	51.40 2.91 0.00	53.79 3.19 1.76	54.21 3.66 6.57	54.96 3.54 10.76	56.96 4.79 20.43	77.84 6.36 11.05	90.63 6.80 6.83	89.17 6.20 6.93	76.91 4.75 9.65	59.04 2.93 13.56	54.27 1.92 9.49	52.66 2.25 0.80
GOLAH____69_KV_TB 1_2 80279	40.51 1.18 0.00	34.61 0.58 0.00	31.59 0.37 0.00	30.48 0.42 0.00	29.05 0.00 0.00	28.75 -0.03 0.00	28.75 -0.09 0.00	28.47 -0.14 0.00	30.98 -0.12 0.00	35.40 -0.11 0.00	38.64 0.04 0.00	45.80 0.23 0.00	48.88 0.39 0.00	52.67 0.31 0.00	57.64 0.51 0.00	62.99 0.81 0.00	74.12 1.52 0.00	84.69 2.15 0.00	94.84 4.17 0.00	94.48 4.58 0.00	85.50 3.68 0.00	71.91 2.23 0.00	63.89 2.04 0.00	52.49 1.28 0.00
GOODYEAR_LAKE_HYD 323669	41.22 1.89 0.00	35.57 1.53 0.00	32.59 1.37 0.00	31.35 1.29 0.00	30.32 1.28 0.00	30.07 1.29 0.00	30.10 1.27 0.00	29.85 1.23 0.00	32.44 1.34 0.00	36.86 1.35 0.00	40.07 1.47 0.00	47.44 1.87 0.00	50.53 2.04 0.00	54.66 2.30 0.00	59.69 2.57 0.00	64.98 2.80 0.00	76.44 3.85 0.00	87.57 5.03 0.00	97.19 6.53 0.00	96.55 6.65 0.00	87.55 5.73 0.00	73.86 4.18 0.00	65.00 3.15 0.00	53.67 2.46 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.16 0.83 0.00	34.58 0.54 0.00	31.62 0.41 0.00	30.45 0.39 0.00	29.28 0.23 0.00	29.01 0.23 0.00	29.09 0.26 0.00	28.90 0.29 0.00	31.44 0.34 0.00	35.76 0.25 0.00	38.87 0.27 0.00	46.03 0.46 0.00	49.08 0.58 0.00	52.98 0.63 0.00	57.81 0.69 0.00	62.99 0.81 0.00	74.12 1.52 0.00	84.69 2.15 0.00	94.02 3.35 0.00	93.40 3.51 0.00	84.69 2.86 0.00	71.42 1.74 0.00	63.02 1.18 0.00	51.98 0.77 0.00

GOUDEY___7 23579	40.16 0.83 0.00	34.58 0.54 0.00	31.62 0.41 0.00	30.45 0.39 0.00	29.28 0.23 0.00	29.01 0.23 0.00	29.09 0.26 0.00	28.90 0.29 0.00	31.44 0.34 0.00	35.76 0.25 0.00	38.87 0.27 0.00	46.03 0.46 0.00	49.08 0.58 0.00	52.98 0.63 0.00	57.81 0.69 0.00	62.99 0.81 0.00	74.12 1.52 0.00	84.69 2.15 0.00	94.02 3.35 0.00	93.40 3.51 0.00	84.69 2.86 0.00	71.42 1.74 0.00	63.02 1.18 0.00	51.98 0.77 0.00
GOUDEY___8 23580	40.16 0.83 0.00	34.58 0.54 0.00	31.62 0.41 0.00	30.45 0.39 0.00	29.28 0.23 0.00	29.01 0.23 0.00	29.09 0.26 0.00	28.90 0.29 0.00	31.44 0.34 0.00	35.76 0.25 0.00	38.87 0.27 0.00	46.03 0.46 0.00	49.08 0.58 0.00	52.98 0.63 0.00	57.81 0.69 0.00	62.99 0.81 0.00	74.12 1.52 0.00	84.69 2.15 0.00	94.02 3.35 0.00	93.40 3.51 0.00	84.69 2.86 0.00	71.42 1.74 0.00	63.02 1.18 0.00	51.98 0.77 0.00
GOWANUS_GT1_1 24077	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.71 3.35 0.00	61.01 3.88 0.00	65.92 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT1_2 24078	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.71 3.35 0.00	61.01 3.88 0.00	65.92 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT1_3 24079	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.71 3.35 0.00	61.01 3.88 0.00	65.92 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT1_4 24080	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.71 3.35 0.00	61.01 3.88 0.00	65.92 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT1_5 24084	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.71 3.35 0.00	61.01 3.88 0.00	65.92 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT1_6 24111	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.71 3.35 0.00	61.01 3.88 0.00	65.92 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT1_7 24112	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.71 3.35 0.00	61.01 3.88 0.00	65.92 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT1_8 24113	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.71 3.35 0.00	61.01 3.88 0.00	65.92 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT2_1 24114	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT2_2 24115	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT2_3 24116	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT2_4 24117	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT2_5 24118	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00

GOWANUS_GT2_6 24119	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT2_7 24120	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT2_8 24121	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT3_1 24122	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT3_2 24123	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT3_3 24124	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT3_4 24125	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT3_5 24126	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT3_6 24127	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT3_7 24128	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT3_8 24129	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
GOWANUS_GT4_1 24130	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.70 3.35 0.01	61.00 3.88 0.01	65.91 3.73 0.01	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT4_2 24131	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.70 3.35 0.01	61.00 3.88 0.01	65.91 3.73 0.01	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT4_3 24132	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.70 3.35 0.01	61.00 3.88 0.01	65.91 3.73 0.01	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT4_4 24133	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.70 3.35 0.01	61.00 3.88 0.01	65.91 3.73 0.01	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00

GOWANUS_GT4_5 24134	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.70 3.35 0.01	61.00 3.88 0.01	65.91 3.73 0.01	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT4_6 24135	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.70 3.35 0.01	61.00 3.88 0.01	65.91 3.73 0.01	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT4_7 24136	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.70 3.35 0.01	61.00 3.88 0.01	65.91 3.73 0.01	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GOWANUS_GT4_8 24137	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.70 3.35 0.01	61.00 3.88 0.01	65.91 3.73 0.01	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GREATVR_69_KV_BK1 356245	43.34 4.01 0.00	37.23 3.20 0.00	33.87 2.65 0.00	32.55 2.49 0.00	31.46 2.41 0.00	31.16 2.39 0.00	31.08 2.25 0.00	31.05 2.43 0.00	34.09 2.99 0.00	38.78 3.27 0.00	45.95 3.98 -3.38	50.32 4.56 -0.19	53.00 4.51 0.00	56.24 3.98 0.10	61.74 4.91 0.29	66.92 5.16 0.42	79.27 6.68 0.00	91.62 9.08 0.00	100.55 9.88 0.00	97.89 8.00 0.00	86.62 5.97 1.17	73.27 4.53 0.94	58.62 3.59 6.82	53.56 2.36 0.00
GREENBSH_115KV_TB3 55895	40.04 0.71 0.00	34.88 0.85 0.00	32.21 1.00 0.00	31.02 0.96 0.00	30.03 0.99 0.00	29.75 0.98 0.00	29.84 1.01 0.00	29.56 0.94 0.00	32.04 0.93 0.00	36.33 0.82 0.00	39.03 0.42 0.00	45.94 0.36 0.00	48.83 0.34 0.00	52.62 0.26 0.00	57.52 0.40 0.00	62.74 0.56 0.00	73.61 1.02 0.00	84.52 1.98 0.00	92.66 1.99 0.00	91.60 1.71 0.00	82.89 1.06 0.00	70.17 0.49 0.00	61.72 -0.12 0.00	51.26 0.05 0.00
GREENDGE_115KV_TB5 80291	40.59 1.26 0.00	34.78 0.75 0.00	31.68 0.47 0.00	30.51 0.45 0.00	29.22 0.17 0.00	28.89 0.12 0.00	28.98 0.14 0.00	28.76 0.14 0.00	31.32 0.22 0.00	35.65 0.14 0.00	38.87 0.27 0.00	46.08 0.50 0.00	49.22 0.73 0.00	53.14 0.79 0.00	57.58 0.46 0.00	62.87 0.68 0.00	74.12 1.52 0.00	84.93 2.39 0.00	93.75 3.08 0.00	93.58 3.69 0.00	85.75 3.93 0.00	72.26 2.58 0.00	63.77 1.92 0.00	52.69 1.49 0.00
GREENIDGE___3 23582	40.59 1.26 0.00	34.78 0.75 0.00	31.68 0.47 0.00	30.51 0.45 0.00	29.22 0.17 0.00	28.89 0.12 0.00	28.98 0.14 0.00	28.76 0.14 0.00	31.32 0.22 0.00	35.65 0.14 0.00	38.87 0.27 0.00	46.08 0.50 0.00	49.22 0.73 0.00	53.14 0.79 0.00	57.58 0.46 0.00	62.87 0.68 0.00	74.12 1.52 0.00	84.93 2.39 0.00	93.75 3.08 0.00	93.58 3.69 0.00	85.75 3.93 0.00	72.26 2.58 0.00	63.77 1.92 0.00	52.69 1.49 0.00
GREENIDGE___4 23583	40.59 1.26 0.00	34.78 0.75 0.00	31.81 0.59 0.00	30.57 0.51 0.00	29.37 0.32 0.00	28.89 0.12 0.00	29.06 0.23 0.00	28.79 0.17 0.00	31.41 0.31 0.00	35.76 0.25 0.00	38.87 0.27 0.00	46.08 0.50 0.00	49.22 0.73 0.00	53.14 0.79 0.00	57.58 0.45 0.00	62.87 0.69 0.00	74.12 1.53 0.00	84.93 2.40 0.00	94.29 3.63 0.00	93.58 3.69 0.00	86.32 4.50 0.00	72.26 2.58 0.00	63.89 2.04 0.00	52.80 1.59 0.00
GREENLWN_69_KV_BK 3 55738	42.52 3.19 0.00	36.62 2.59 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.02 1.98 0.00	30.73 1.96 0.00	30.71 1.87 0.00	30.65 2.03 0.00	33.59 2.49 0.00	38.17 2.66 0.00	45.05 3.09 -3.36	49.07 3.33 -0.17	51.50 3.01 0.00	54.08 2.15 0.42	58.49 2.91 1.54	63.98 2.86 1.07	76.65 4.07 0.00	88.48 5.94 0.00	96.92 6.26 0.00	94.66 4.76 0.00	81.81 2.95 2.96	69.20 1.88 2.36	55.91 1.48 7.43	51.93 0.72 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.71 3.35 0.00	61.01 3.88 0.00	65.92 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00
GRISSOM___SOLAR 323813	42.20 2.87 0.00	36.45 2.42 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.05 2.00 0.00	30.79 2.01 0.00	30.74 1.90 0.00	30.28 1.66 0.00	32.84 1.74 0.00	37.25 1.74 0.00	40.38 1.78 0.00	47.67 2.10 0.00	50.68 2.18 0.00	54.92 2.56 0.00	60.09 2.97 0.00	65.60 3.42 0.00	77.17 4.58 0.00	89.06 6.52 0.00	99.00 8.34 0.00	99.33 9.44 0.00	90.74 8.92 0.00	76.43 6.76 0.00	67.04 5.20 0.00	55.31 4.10 0.00
GROVEVILLE___HYD 323602	41.77 2.44 0.00	36.18 2.14 0.00	33.15 1.94 0.00	31.89 1.83 0.00	30.88 1.83 0.00	30.65 1.87 0.00	30.77 1.93 0.00	30.50 1.89 0.00	33.19 2.08 0.00	37.61 2.10 0.00	40.84 2.24 0.00	48.17 2.60 0.00	51.40 2.91 0.00	55.71 3.35 0.00	60.95 3.83 0.00	66.29 4.10 0.00	78.11 5.52 0.00	89.72 7.18 0.00	98.55 7.89 0.00	97.18 7.28 0.00	87.63 5.81 0.00	73.58 3.90 0.00	64.63 2.78 0.00	53.72 2.51 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.65 0.31 0.00	34.20 0.17 0.00	31.31 0.09 0.00	30.12 0.06 0.00	29.05 0.00 0.00	28.72 -0.06 0.00	28.81 -0.03 0.00	28.62 0.00 0.00	31.20 0.09 0.00	35.51 0.00 0.00	38.72 0.12 0.00	45.85 0.27 0.00	48.83 0.34 0.00	52.83 0.47 0.00	57.69 0.57 0.00	62.74 0.56 0.00	73.68 1.09 0.00	84.03 1.49 0.00	93.02 2.36 0.00	92.41 2.52 0.00	83.79 1.96 0.00	70.79 1.11 0.00	62.53 0.68 0.00	51.62 0.41 0.00
HAMLTNNY_34_KV_TB 80303	39.88 0.55 0.00	34.34 0.31 0.00	31.40 0.19 0.00	30.24 0.18 0.00	29.10 0.06 0.00	28.80 0.03 0.00	28.86 0.03 0.00	28.67 0.06 0.00	31.26 0.16 0.00	35.62 0.11 0.00	38.87 0.27 0.00	46.03 0.46 0.00	49.08 0.58 0.00	53.09 0.73 0.00	57.98 0.86 0.00	63.11 0.93 0.00	74.12 1.52 0.00	84.60 2.06 0.00	93.75 3.08 0.00	93.13 3.24 0.00	84.44 2.62 0.00	71.28 1.60 0.00	62.96 1.11 0.00	51.93 0.72 0.00

HAMPSHIRE___PAPER_HYD 323593	39.33 0.00 0.00	34.03 0.00 0.00	31.12 -0.09 0.00	29.97 -0.09 0.00	29.05 0.00 0.00	28.75 -0.03 0.00	28.66 -0.17 0.00	28.42 -0.20 0.00	30.95 -0.15 0.00	35.37 -0.14 0.00	38.49 -0.12 0.00	45.62 0.05 0.00	48.45 -0.05 0.00	52.20 -0.16 0.00	56.78 -0.34 0.00	61.75 -0.43 0.00	72.30 -0.29 0.00	82.13 -0.41 0.00	91.76 1.09 0.00	91.52 1.62 0.00	84.28 1.88 -0.57	72.24 2.50 -0.06	64.14 2.29 0.00	52.74 1.53 0.00
HARDSCRABBLE_WT_PWR 323673	39.53 0.20 0.00	34.20 0.17 0.00	31.34 0.13 0.00	30.18 0.12 0.00	29.19 0.15 0.00	28.95 0.17 0.00	28.98 0.14 0.00	28.76 0.14 0.00	31.29 0.19 0.00	35.69 0.18 0.00	38.76 0.16 0.00	45.80 0.23 0.00	48.69 0.19 0.00	52.57 0.21 0.00	57.35 0.23 0.00	62.37 0.19 0.00	73.03 0.44 0.00	83.45 0.91 0.00	92.11 1.45 0.00	91.42 1.53 0.00	83.05 1.23 0.00	70.37 0.70 0.00	62.16 0.31 0.00	51.36 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.57 2.24 0.00	36.04 2.01 0.00	32.99 1.78 0.00	31.74 1.68 0.00	30.73 1.68 0.00	30.50 1.73 0.00	30.62 1.79 0.00	30.39 1.77 0.00	33.06 1.96 0.00	37.46 1.95 0.00	40.69 2.08 0.00	47.94 2.37 0.00	51.11 2.62 0.00	55.39 3.04 0.00	60.61 3.48 0.00	65.85 3.67 0.00	77.60 5.01 0.00	89.06 6.52 0.00	97.83 7.16 0.00	96.46 6.56 0.00	86.98 5.15 0.00	73.09 3.41 0.00	64.14 2.29 0.00	53.36 2.15 0.00
HARSNRAD_115KV_TB1 81005	40.12 0.79 0.00	34.10 0.07 0.00	30.78 -0.44 0.00	29.97 -0.09 0.00	28.23 -0.81 0.00	28.11 -0.66 0.00	28.11 -0.72 0.00	27.81 -0.80 0.00	30.20 -0.90 0.00	34.59 -0.92 0.00	37.64 -0.97 0.00	44.62 -0.96 0.00	47.67 -0.82 0.00	50.84 -1.52 0.00	55.52 -1.60 0.00	60.57 -1.62 0.00	71.14 -1.45 0.00	81.30 -1.24 0.00	91.48 0.82 0.00	91.24 1.35 0.00	82.31 0.49 0.00	68.91 -0.77 0.00	61.60 -0.25 0.00	50.80 -0.41 0.00
HARZA MOOSE___RIVER 24016	39.96 0.63 0.00	34.51 0.48 0.00	31.59 0.37 0.00	30.39 0.33 0.00	29.42 0.38 0.00	29.15 0.37 0.00	29.12 0.29 0.00	28.87 0.26 0.00	31.41 0.31 0.00	35.72 0.21 0.00	38.83 0.23 0.00	46.08 0.50 0.00	48.98 0.48 0.00	52.88 0.52 0.00	57.81 0.69 0.00	62.93 0.75 0.00	74.04 1.45 0.00	84.77 2.23 0.00	95.47 4.81 0.00	95.02 5.12 0.00	86.81 4.83 -0.16	73.32 3.62 -0.02	64.75 2.91 0.00	53.26 2.05 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.41 0.08 0.00	33.97 -0.07 0.00	31.09 -0.12 0.00	29.94 -0.12 0.00	28.84 -0.20 0.00	28.55 -0.23 0.00	28.63 -0.20 0.00	28.42 -0.20 0.00	30.98 -0.12 0.00	35.26 -0.25 0.00	38.41 -0.19 0.00	45.48 -0.09 0.00	48.49 0.00 0.00	52.41 0.05 0.00	57.18 0.06 0.00	62.24 0.06 0.00	73.03 0.44 0.00	83.36 0.83 0.00	92.30 1.63 0.00	91.60 1.71 0.00	83.05 1.23 0.00	70.17 0.49 0.00	61.97 0.12 0.00	51.21 0.00 0.00
HELLGATE_13_KV_LD 55870	42.52 3.19 0.00	36.79 2.76 0.00	33.59 2.37 0.00	32.29 2.22 0.00	31.29 2.24 0.00	31.05 2.27 0.00	31.20 2.36 0.00	31.08 2.46 0.00	33.81 2.71 0.00	38.21 2.70 0.00	41.58 2.97 0.00	48.95 3.37 0.00	52.08 3.59 0.00	56.18 3.82 0.00	61.35 4.23 0.00	66.29 4.10 0.00	77.96 5.37 0.00	89.64 7.10 0.00	98.28 7.62 0.00	96.90 7.01 0.00	87.22 5.40 0.00	72.38 3.55 0.85	64.26 2.41 0.00	53.93 2.71 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.52 3.19 0.00	36.79 2.76 0.00	33.59 2.37 0.00	32.29 2.22 0.00	31.29 2.24 0.00	31.05 2.27 0.00	31.20 2.36 0.00	31.08 2.46 0.00	33.81 2.71 0.00	38.21 2.70 0.00	41.58 2.97 0.00	48.95 3.37 0.00	52.08 3.59 0.00	56.18 3.82 0.00	61.35 4.23 0.00	66.29 4.10 0.00	77.96 5.37 0.00	89.64 7.10 0.00	98.28 7.62 0.00	96.90 7.01 0.00	87.22 5.40 0.00	72.38 3.55 0.85	64.26 2.41 0.00	53.93 2.71 0.00
HEMPSTEAD____ 23647	42.44 3.11 0.00	36.59 2.55 0.00	33.37 2.15 0.00	32.10 2.04 0.00	30.99 1.95 0.00	30.79 2.01 0.00	30.80 1.96 0.00	30.73 2.12 0.00	33.59 2.49 0.00	38.14 2.63 0.00	45.37 2.97 -3.79	49.62 3.33 -0.72	52.00 3.49 -0.01	55.55 3.19 0.00	61.07 3.94 -0.01	65.98 3.79 0.00	77.75 5.15 0.00	89.65 7.10 -0.01	98.10 7.44 0.00	96.09 6.20 0.00	86.65 4.83 0.00	72.60 2.93 0.00	62.20 2.10 1.75	52.85 1.64 0.00
HICKLING___1 23621	40.47 1.14 0.00	34.68 0.65 0.00	31.59 0.37 0.00	30.39 0.33 0.00	29.08 0.03 0.00	28.78 0.00 0.00	28.86 0.03 0.00	28.64 0.03 0.00	31.20 0.09 0.00	35.55 0.04 0.00	38.64 0.04 0.00	45.85 0.27 0.00	48.98 0.48 0.00	52.83 0.47 0.00	57.52 0.40 0.00	62.74 0.56 0.00	73.97 1.38 0.00	84.69 2.15 0.00	94.74 4.08 0.00	94.57 4.67 0.00	85.75 3.93 0.00	72.05 2.37 0.00	63.64 1.79 0.00	52.23 1.02 0.00
HICKLING___2 23622	40.47 1.14 0.00	34.68 0.65 0.00	31.59 0.37 0.00	30.39 0.33 0.00	29.08 0.03 0.00	28.78 0.00 0.00	28.86 0.03 0.00	28.64 0.03 0.00	31.20 0.09 0.00	35.55 0.04 0.00	38.64 0.04 0.00	45.85 0.27 0.00	48.98 0.48 0.00	52.83 0.47 0.00	57.52 0.40 0.00	62.74 0.56 0.00	73.97 1.38 0.00	84.69 2.15 0.00	94.74 4.08 0.00	94.57 4.67 0.00	85.75 3.93 0.00	72.05 2.37 0.00	63.64 1.79 0.00	52.23 1.02 0.00
HIGH FALLS___HY 23754	41.69 2.36 0.00	36.08 2.04 0.00	33.02 1.81 0.00	31.74 1.68 0.00	30.73 1.68 0.00	30.53 1.76 0.00	30.62 1.79 0.00	30.39 1.77 0.00	33.06 1.96 0.00	37.43 1.92 0.00	40.76 2.16 0.00	48.03 2.46 0.00	51.31 2.81 0.00	55.76 3.40 0.00	60.95 3.83 0.00	66.29 4.10 0.00	78.25 5.66 0.00	89.97 7.43 0.00	99.01 8.34 0.00	97.72 7.82 0.00	88.12 6.30 0.00	73.86 4.18 0.00	64.88 3.03 0.00	53.82 2.61 0.00
HIGH_RIVER___SOLAR 323847	41.26 1.93 0.00	35.67 1.63 0.00	32.68 1.47 0.00	31.44 1.38 0.00	30.41 1.37 0.00	30.16 1.38 0.00	30.13 1.30 0.00	29.70 1.09 0.00	32.07 0.97 0.00	36.22 0.71 0.00	39.22 0.62 0.00	46.21 0.64 0.00	49.12 0.63 0.00	53.24 0.89 0.00	58.20 1.08 0.00	63.43 1.24 0.00	74.55 1.96 0.00	86.09 3.55 0.00	95.65 4.98 0.00	95.74 5.84 0.00	87.39 5.57 0.00	73.79 4.11 0.00	64.88 3.03 0.00	53.67 2.46 0.00
HILLBURN___GT 23639	41.61 2.28 0.00	36.08 2.04 0.00	33.06 1.84 0.00	31.77 1.71 0.00	30.73 1.68 0.00	30.56 1.78 0.00	30.65 1.82 0.00	30.50 1.89 0.00	33.15 2.05 0.00	37.57 2.06 0.00	40.72 2.12 0.00	47.94 2.37 0.00	51.11 2.62 0.00	55.34 2.98 0.00	60.49 3.37 0.00	65.60 3.42 0.00	77.31 4.72 0.00	88.81 6.27 0.00	97.37 6.71 0.00	96.09 6.20 0.00	86.90 5.07 0.00	72.74 3.06 0.00	63.77 1.92 0.00	53.15 1.95 0.00
HILLSIDE_115KV_TB1 80332	39.88 0.55 0.00	34.20 0.17 0.00	31.18 -0.03 0.00	30.03 -0.03 0.00	28.76 -0.29 0.00	28.49 -0.29 0.00	28.60 -0.23 0.00	28.39 -0.23 0.00	30.88 -0.22 0.00	35.15 -0.36 0.00	38.18 -0.42 0.00	45.25 -0.32 0.00	48.35 -0.15 0.00	52.15 -0.21 0.00	56.78 -0.34 0.00	62.00 -0.19 0.00	73.03 0.44 0.00	83.53 0.99 0.00	93.11 2.45 0.00	92.86 2.97 0.00	84.11 2.29 0.00	70.72 1.05 0.00	62.53 0.68 0.00	51.41 0.20 0.00

HISHELDN_WT_PWR 323625	39.96 0.63 0.00	34.03 0.00 0.00	31.03 -0.19 0.00	29.85 -0.21 0.00	28.52 -0.52 0.00	27.83 -0.95 0.00	28.03 -0.81 0.00	27.64 -0.97 0.00	30.17 -0.93 0.00	34.62 -0.89 0.00	37.52 -1.08 0.00	44.44 -1.14 0.00	47.47 -1.02 0.00	50.94 -1.41 0.00	55.46 -1.66 0.00	60.51 -1.68 0.00	71.21 -1.38 0.00	81.71 -0.83 0.00	92.03 1.36 0.00	92.23 2.33 0.00	83.87 2.05 0.00	69.89 0.21 0.00	62.53 0.68 0.00	51.41 0.21 0.00
HOLTSVILLE_IC_1 23690	42.64 3.30 0.00	36.65 2.62 0.00	33.37 2.15 0.00	32.10 2.04 0.00	30.96 1.92 0.00	30.76 1.98 0.00	30.62 1.79 0.00	30.62 2.00 0.00	33.59 2.49 0.00	38.14 2.63 0.00	45.14 3.20 -3.34	49.18 3.46 -0.14	51.83 3.34 0.00	54.90 2.67 0.13	60.05 3.37 0.44	65.30 3.48 0.37	77.24 4.65 0.00	89.56 7.01 -0.01	98.00 7.34 0.00	95.47 5.58 0.00	84.90 4.09 1.02	70.89 2.02 0.81	56.15 1.55 7.24	52.18 0.97 0.00
HOLTSVILLE_IC_10 23699	42.87 3.54 0.00	36.82 2.79 0.00	33.52 2.31 0.00	32.22 2.17 0.00	31.11 2.06 0.00	30.88 2.10 0.00	30.74 1.90 0.00	30.76 2.15 0.00	33.74 2.64 0.00	38.35 2.84 0.00	45.43 3.48 -3.35	49.60 3.87 -0.15	52.23 3.73 0.00	55.34 3.14 0.16	60.45 3.89 0.56	65.81 4.10 0.48	77.96 5.37 0.00	90.39 7.85 -0.01	99.00 8.34 0.00	96.37 6.48 0.00	85.33 4.83 1.32	71.27 2.65 1.05	56.68 2.04 7.20	52.54 1.33 0.00
HOLTSVILLE_IC_2 23691	42.64 3.30 0.00	36.65 2.62 0.00	33.37 2.15 0.00	32.10 2.04 0.00	30.96 1.92 0.00	30.76 1.98 0.00	30.62 1.79 0.00	30.62 2.00 0.00	33.59 2.49 0.00	38.14 2.63 0.00	45.14 3.20 -3.34	49.18 3.46 -0.14	51.83 3.34 0.00	54.90 2.67 0.13	60.05 3.37 0.44	65.30 3.48 0.37	77.24 4.65 0.00	89.56 7.01 -0.01	98.00 7.34 0.00	95.47 5.58 0.00	84.90 4.09 1.02	70.89 2.02 0.81	56.15 1.55 7.24	52.18 0.97 0.00
HOLTSVILLE_IC_3 23692	42.64 3.30 0.00	36.65 2.62 0.00	33.37 2.15 0.00	32.10 2.04 0.00	30.96 1.92 0.00	30.76 1.98 0.00	30.62 1.79 0.00	30.62 2.00 0.00	33.59 2.49 0.00	38.14 2.63 0.00	45.14 3.20 -3.34	49.18 3.46 -0.14	51.83 3.34 0.00	54.90 2.67 0.13	60.05 3.37 0.44	65.30 3.48 0.37	77.24 4.65 0.00	89.56 7.01 -0.01	98.00 7.34 0.00	95.47 5.58 0.00	84.90 4.09 1.02	70.89 2.02 0.81	56.15 1.55 7.24	52.18 0.97 0.00
HOLTSVILLE_IC_4 23693	42.64 3.30 0.00	36.65 2.62 0.00	33.37 2.15 0.00	32.10 2.04 0.00	30.96 1.92 0.00	30.76 1.98 0.00	30.62 1.79 0.00	30.62 2.00 0.00	33.59 2.49 0.00	38.14 2.63 0.00	45.14 3.20 -3.34	49.18 3.46 -0.14	51.83 3.34 0.00	54.90 2.67 0.13	60.05 3.37 0.44	65.30 3.48 0.37	77.24 4.65 0.00	89.56 7.01 -0.01	98.00 7.34 0.00	95.47 5.58 0.00	84.90 4.09 1.02	70.89 2.02 0.81	56.15 1.55 7.24	52.18 0.97 0.00
HOLTSVILLE_IC_5 23694	42.64 3.30 0.00	36.65 2.62 0.00	33.37 2.15 0.00	32.10 2.04 0.00	30.96 1.92 0.00	30.76 1.98 0.00	30.62 1.79 0.00	30.62 2.00 0.00	33.59 2.49 0.00	38.14 2.63 0.00	45.14 3.20 -3.34	49.18 3.46 -0.14	51.83 3.34 0.00	54.90 2.67 0.13	60.05 3.37 0.44	65.30 3.48 0.37	77.24 4.65 0.00	89.56 7.01 -0.01	98.00 7.34 0.00	95.47 5.58 0.00	84.90 4.09 1.02	70.89 2.02 0.81	56.15 1.55 7.24	52.18 0.97 0.00
HOLTSVILLE_IC_6 23695	42.87 3.54 0.00	36.82 2.79 0.00	33.52 2.31 0.00	32.22 2.17 0.00	31.11 2.06 0.00	30.88 2.10 0.00	30.74 1.90 0.00	30.76 2.15 0.00	33.74 2.64 0.00	38.35 2.84 0.00	45.43 3.48 -3.35	49.60 3.87 -0.15	52.23 3.73 0.00	55.34 3.14 0.16	60.45 3.89 0.56	65.81 4.10 0.48	77.96 5.37 0.00	90.39 7.85 -0.01	99.00 8.34 0.00	96.37 6.48 0.00	85.33 4.83 1.32	71.27 2.65 1.05	56.68 2.04 7.20	52.54 1.33 0.00
HOLTSVILLE_IC_7 23696	42.87 3.54 0.00	36.82 2.79 0.00	33.52 2.31 0.00	32.22 2.17 0.00	31.11 2.06 0.00	30.88 2.10 0.00	30.74 1.90 0.00	30.76 2.15 0.00	33.74 2.64 0.00	38.35 2.84 0.00	45.43 3.48 -3.35	49.60 3.87 -0.15	52.23 3.73 0.00	55.34 3.14 0.16	60.45 3.89 0.56	65.81 4.10 0.48	77.96 5.37 0.00	90.39 7.85 -0.01	99.00 8.34 0.00	96.37 6.48 0.00	85.33 4.83 1.32	71.27 2.65 1.05	56.68 2.04 7.20	52.54 1.33 0.00
HOLTSVILLE_IC_8 23697	42.87 3.54 0.00	36.82 2.79 0.00	33.52 2.31 0.00	32.22 2.17 0.00	31.11 2.06 0.00	30.88 2.10 0.00	30.74 1.90 0.00	30.76 2.15 0.00	33.74 2.64 0.00	38.35 2.84 0.00	45.43 3.48 -3.35	49.60 3.87 -0.15	52.23 3.73 0.00	55.34 3.14 0.16	60.45 3.89 0.56	65.81 4.10 0.48	77.96 5.37 0.00	90.39 7.85 -0.01	99.00 8.34 0.00	96.37 6.48 0.00	85.33 4.83 1.32	71.27 2.65 1.05	56.68 2.04 7.20	52.54 1.33 0.00
HOLTSVILLE_IC_9 23698	42.87 3.54 0.00	36.82 2.79 0.00	33.52 2.31 0.00	32.22 2.17 0.00	31.11 2.06 0.00	30.88 2.10 0.00	30.74 1.90 0.00	30.76 2.15 0.00	33.74 2.64 0.00	38.35 2.84 0.00	45.43 3.48 -3.35	49.60 3.87 -0.15	52.23 3.73 0.00	55.34 3.14 0.16	60.45 3.89 0.56	65.81 4.10 0.48	77.96 5.37 0.00	90.39 7.85 -0.01	99.00 8.34 0.00	96.37 6.48 0.00	85.33 4.83 1.32	71.27 2.65 1.05	56.68 2.04 7.20	52.54 1.33 0.00
HOMER_HL_115KV_TB2 355744	39.29 -0.04 0.00	33.49 -0.54 0.00	30.37 -0.84 0.00	29.28 -0.78 0.00	27.80 -1.25 0.00	27.60 -1.18 0.00	27.74 -1.10 0.00	27.67 -0.94 0.00	30.17 -0.93 0.00	34.48 -1.03 0.00	37.40 -1.20 0.00	44.39 -1.18 0.00	47.43 -1.07 0.00	50.99 -1.36 0.00	55.01 -2.11 0.00	60.13 -2.05 0.00	70.85 -1.74 0.00	81.22 -1.32 0.00	91.30 0.63 0.00	91.24 1.35 0.00	82.23 0.41 0.00	68.98 -0.70 0.00	61.23 -0.62 0.00	50.03 -1.18 0.00
HOWARD_WT_PWR 323690	40.47 1.14 0.00	34.47 0.44 0.00	31.43 0.22 0.00	30.15 0.09 0.00	28.84 -0.20 0.00	28.23 -0.55 0.00	28.43 -0.40 0.00	28.07 -0.54 0.00	30.64 -0.47 0.00	35.01 -0.50 0.00	37.98 -0.62 0.00	45.03 -0.54 0.00	48.11 -0.39 0.00	51.78 -0.57 0.00	56.10 -1.03 0.00	61.25 -0.93 0.00	72.37 -0.22 0.00	83.28 0.74 0.00	93.92 3.26 0.00	94.30 4.40 0.00	86.16 4.33 0.00	71.84 2.16 0.00	63.70 1.85 0.00	52.18 0.97 0.00
HQ_GEN_CEDARS 23644	38.82 -0.51 0.00	33.66 -0.37 0.00	30.84 -0.37 0.00	29.70 -0.36 0.00	28.76 -0.29 0.00	28.43 -0.35 0.00	28.43 -0.40 0.00	28.24 -0.37 0.00	30.79 -0.31 0.00	35.37 -0.14 0.00	38.60 0.00 0.00	45.62 0.05 0.00	48.49 0.00 0.00	52.15 -0.21 0.00	56.49 -0.63 0.00	61.44 -0.75 0.00	71.28 -1.31 0.00	80.31 -2.23 0.00	86.58 -4.08 0.00	85.94 -3.96 0.00	81.53 -1.47 -1.18	69.52 -0.28 -0.12	62.28 0.43 0.00	51.46 0.26 0.00
HQ_GEN_CEDARS_PROXY 323590	38.82 -0.51 0.00	33.66 -0.37 0.00	30.81 -0.41 0.00	29.70 -0.36 0.00	28.76 -0.29 0.00	28.43 -0.34 0.00	28.43 -0.40 0.00	28.22 -0.40 0.00	30.79 -0.31 0.00	35.37 -0.14 0.00	38.60 0.00 0.00	45.62 0.05 0.00	48.49 0.00 0.00	52.09 -0.26 0.00	56.44 -0.68 0.00	61.44 -0.74 0.00	71.29 -1.30 0.00	79.98 -2.56 0.00	86.50 -4.17 0.00	85.94 -3.95 0.00	79.98 -3.03 -1.18	69.52 -0.28 -0.12	62.28 0.44 0.00	51.47 0.26 0.00

HQ_GEN_IMPORT 323601	38.70 -0.63 0.00	33.52 -0.51 0.00	30.75 -0.47 0.00	29.61 -0.45 0.00	28.64 -0.41 0.00	28.35 -0.43 0.00	28.37 -0.46 0.00	28.19 -0.43 0.00	30.64 -0.47 0.00	35.22 -0.29 0.00	38.33 -0.27 0.00	45.26 -0.32 0.00	48.11 -0.39 0.00	51.83 -0.52 0.00	56.44 -0.68 0.00	61.50 -0.68 0.00	73.03 -1.38 -1.82	78.41 -2.31 1.82	87.67 -2.99 0.00	87.02 -2.88 0.00	78.41 -2.29 1.12	69.78 -0.98 -1.08	61.54 -0.31 0.00	50.90 -0.31 0.00
HQ_GEN_WHEEL 23651	38.70 -0.63 0.00	33.52 -0.51 0.00	30.75 -0.47 0.00	29.61 -0.45 0.00	28.64 -0.41 0.00	28.35 -0.43 0.00	28.37 -0.46 0.00	28.19 -0.43 0.00	30.64 -0.47 0.00	35.22 -0.29 0.00	38.33 -0.27 0.00	45.26 -0.32 0.00	48.11 -0.39 0.00	51.83 -0.52 0.00	56.44 -0.68 0.00	61.50 -0.68 0.00	73.03 -1.38 -1.82	78.41 -2.31 1.82	87.67 -2.99 0.00	87.02 -2.88 0.00	78.41 -2.29 1.12	69.78 -0.98 -1.08	61.54 -0.31 0.00	50.90 -0.31 0.00
HUDSON AVE_GT_3 23810	42.12 2.79 0.00	36.48 2.45 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.11 2.06 0.00	30.88 2.10 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.79 3.30 0.00	55.97 3.61 0.00	61.23 4.11 0.00	66.29 4.10 0.00	78.11 5.52 0.00	89.72 7.18 0.00	98.37 7.71 0.00	97.00 7.10 0.00	87.39 5.56 0.00	73.30 3.62 0.00	64.38 2.54 0.00	53.87 2.66 0.00
HUDSON AVE_GT_4 23540	42.12 2.79 0.00	36.48 2.45 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.11 2.06 0.00	30.88 2.10 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.79 3.30 0.00	55.97 3.61 0.00	61.23 4.11 0.00	66.29 4.10 0.00	78.11 5.52 0.00	89.72 7.18 0.00	98.37 7.71 0.00	97.00 7.10 0.00	87.39 5.56 0.00	73.30 3.62 0.00	64.38 2.54 0.00	53.87 2.66 0.00
HUDSON AVE_GT_5 23657	42.12 2.79 0.00	36.48 2.45 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.11 2.06 0.00	30.88 2.10 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.79 3.30 0.00	55.97 3.61 0.00	61.23 4.11 0.00	66.29 4.10 0.00	78.11 5.52 0.00	89.72 7.18 0.00	98.37 7.71 0.00	97.00 7.10 0.00	87.39 5.56 0.00	73.30 3.62 0.00	64.38 2.54 0.00	53.87 2.66 0.00
HUDSON_AVE_10 24168	42.05 2.71 0.00	36.42 2.38 0.00	33.31 2.09 0.00	32.04 1.98 0.00	31.05 2.00 0.00	30.85 2.07 0.00	31.03 2.19 0.00	30.88 2.26 0.00	33.59 2.49 0.00	38.03 2.52 0.00	41.26 2.66 0.00	48.58 3.01 0.00	51.74 3.25 0.00	55.91 3.56 0.00	61.18 4.06 0.00	66.22 4.04 0.00	78.04 5.44 0.00	89.64 7.10 0.00	98.28 7.62 0.00	97.00 7.10 0.00	87.30 5.48 0.00	73.23 3.55 0.00	64.32 2.47 0.00	53.82 2.61 0.00
HUDSON___115KV_TB 4 355613	40.91 1.57 0.00	35.57 1.53 0.00	32.77 1.56 0.00	31.53 1.47 0.00	30.50 1.45 0.00	30.21 1.44 0.00	30.28 1.44 0.00	29.90 1.29 0.00	32.41 1.31 0.00	36.68 1.17 0.00	39.33 0.73 0.00	46.30 0.73 0.00	49.13 0.63 0.00	52.98 0.63 0.00	58.09 0.97 0.00	63.49 1.31 0.00	74.70 2.11 0.00	86.09 3.55 0.00	94.84 4.17 0.00	94.12 4.23 0.00	85.18 3.35 0.00	72.05 2.37 0.00	63.27 1.42 0.00	52.39 1.18 0.00
HUNTER MOUNT___DRP 323613	40.98 1.65 0.00	35.63 1.60 0.00	32.87 1.65 0.00	31.62 1.56 0.00	30.59 1.54 0.00	30.27 1.50 0.00	30.31 1.47 0.00	29.90 1.29 0.00	32.41 1.31 0.00	36.68 1.17 0.00	39.37 0.77 0.00	46.35 0.77 0.00	49.17 0.68 0.00	53.04 0.68 0.00	58.15 1.03 0.00	63.67 1.49 0.00	74.99 2.40 0.00	86.50 3.96 0.00	95.38 4.71 0.00	94.66 4.76 0.00	85.75 3.93 0.00	72.47 2.79 0.00	63.70 1.86 0.00	52.64 1.43 0.00
HUNTINGTON_RES_REC 323705	42.72 3.38 0.00	36.72 2.69 0.00	33.43 2.22 0.00	32.16 2.10 0.00	31.02 1.98 0.00	30.82 2.04 0.00	30.74 1.90 0.00	30.73 2.12 0.00	33.68 2.58 0.00	38.31 2.80 -3.35	45.27 3.32 -0.15	49.37 3.65 0.00	51.88 3.39 0.54	54.53 2.72 1.98	58.62 3.48 1.38	64.34 3.54 0.00	77.38 4.79 -0.01	89.56 7.01 0.00	98.00 7.34 0.00	95.56 5.67 0.00	82.07 4.09 3.84	68.64 2.02 3.06	55.64 1.55 7.76	52.08 0.87 0.00
HUNTLEY___63 23557	40.04 0.71 0.00	34.00 -0.03 0.00	31.03 -0.19 0.00	29.88 -0.18 0.00	28.47 -0.58 0.00	28.03 -0.75 0.00	28.08 -0.75 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.76 -0.75 0.00	37.83 -0.77 0.00	44.89 -0.68 0.00	47.96 -0.53 0.00	51.41 -0.94 0.00	56.15 -0.97 0.00	61.31 -0.87 0.00	71.50 -1.09 0.00	81.80 -0.74 0.00	92.02 1.36 0.00	91.78 1.89 0.00	82.72 0.90 0.00	69.19 -0.49 0.00	62.22 0.37 0.00	51.26 0.05 0.00
HUNTLEY___64 23558	40.04 0.71 0.00	34.00 -0.03 0.00	31.03 -0.19 0.00	29.88 -0.18 0.00	28.47 -0.58 0.00	28.03 -0.75 0.00	28.08 -0.75 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.76 -0.75 0.00	37.83 -0.77 0.00	44.89 -0.68 0.00	47.96 -0.53 0.00	51.41 -0.94 0.00	56.15 -0.97 0.00	61.31 -0.87 0.00	71.50 -1.09 0.00	81.80 -0.74 0.00	92.02 1.36 0.00	91.78 1.89 0.00	82.72 0.90 0.00	69.19 -0.49 0.00	62.22 0.37 0.00	51.26 0.05 0.00
HUNTLEY___65 23559	40.04 0.71 0.00	34.00 -0.03 0.00	31.03 -0.19 0.00	29.88 -0.18 0.00	28.47 -0.58 0.00	28.03 -0.75 0.00	28.08 -0.75 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.76 -0.75 0.00	37.83 -0.77 0.00	44.89 -0.68 0.00	47.96 -0.53 0.00	51.41 -0.94 0.00	56.15 -0.97 0.00	61.31 -0.87 0.00	71.50 -1.09 0.00	81.80 -0.74 0.00	92.02 1.36 0.00	91.78 1.89 0.00	82.72 0.90 0.00	69.19 -0.49 0.00	62.22 0.37 0.00	51.26 0.05 0.00
HUNTLEY___66 23560	40.04 0.71 0.00	34.00 -0.03 0.00	31.03 -0.19 0.00	29.88 -0.18 0.00	28.47 -0.58 0.00	28.03 -0.75 0.00	28.08 -0.75 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.76 -0.75 0.00	37.83 -0.77 0.00	44.89 -0.68 0.00	47.96 -0.53 0.00	51.41 -0.94 0.00	56.15 -0.97 0.00	61.31 -0.87 0.00	71.50 -1.09 0.00	81.80 -0.74 0.00	92.02 1.36 0.00	91.78 1.89 0.00	82.72 0.90 0.00	69.19 -0.49 0.00	62.22 0.37 0.00	51.26 0.05 0.00
HUNTLEY___67 23561	39.80 0.47 0.00	33.83 -0.20 0.00	30.75 -0.47 0.00	29.73 -0.33 0.00	28.20 -0.84 0.00	27.91 -0.86 0.00	28.00 -0.84 0.00	27.81 -0.80 0.00	30.26 -0.84 0.00	34.66 -0.85 0.00	37.67 -0.93 0.00	44.66 -0.91 0.00	47.77 -0.73 0.00	51.20 -1.15 0.00	55.92 -1.20 0.00	61.00 -1.18 0.00	71.72 -0.87 0.00	81.96 -0.58 0.00	92.12 1.45 0.00	91.87 1.98 0.00	82.89 1.06 0.00	69.33 -0.35 0.00	61.91 0.06 0.00	51.00 -0.20 0.00
HUNTLEY___68 23562	39.80 0.47 0.00	33.83 -0.20 0.00	30.75 -0.47 0.00	29.73 -0.33 0.00	28.20 -0.84 0.00	27.91 -0.86 0.00	28.00 -0.84 0.00	27.81 -0.80 0.00	30.26 -0.84 0.00	34.66 -0.85 0.00	37.67 -0.93 0.00	44.66 -0.91 0.00	47.77 -0.73 0.00	51.20 -1.15 0.00	55.92 -1.20 0.00	61.00 -1.18 0.00	71.72 -0.87 0.00	81.96 -0.58 0.00	92.12 1.45 0.00	91.87 1.98 0.00	82.89 1.06 0.00	69.33 -0.35 0.00	61.91 0.06 0.00	51.00 -0.20 0.00

HYLAND___LFGE 323620	42.67 3.34 0.00	36.35 2.32 0.00	33.18 1.97 0.00	31.83 1.77 0.00	30.53 1.48 0.00	29.87 1.09 0.00	29.87 1.04 0.00	29.07 0.46 0.00	31.13 0.03 0.00	35.16 -0.36 0.00	37.71 -0.89 0.00	44.48 -1.09 0.00	47.62 -0.87 0.00	51.41 -0.94 0.00	54.38 -2.74 0.00	59.57 -2.61 0.00	70.99 -1.60 0.00	82.62 0.08 0.00	94.84 4.17 0.00	97.00 7.10 0.00	89.02 7.20 0.00	74.55 4.88 0.00	66.06 4.21 0.00	53.97 2.76 0.00
INDECK___CORINTH 23802	40.86 1.53 0.00	35.36 1.33 0.00	32.31 1.09 0.00	31.05 0.99 0.00	30.09 1.04 0.00	29.87 1.09 0.00	29.90 1.07 0.00	29.62 1.00 0.00	32.28 1.18 0.00	36.65 1.14 0.00	39.49 0.89 0.00	46.58 1.00 0.00	49.37 0.87 0.00	53.51 1.15 0.00	58.72 1.60 0.00	64.17 1.99 0.00	75.35 2.76 0.00	86.99 4.45 0.00	96.74 6.08 0.00	96.28 6.38 0.00	87.72 5.89 0.00	73.86 4.18 0.00	64.57 2.72 0.00	53.36 2.15 0.00
INDECK___ILION 23567	39.61 0.28 0.00	34.24 0.20 0.00	31.40 0.19 0.00	30.24 0.18 0.00	29.25 0.20 0.00	29.01 0.23 0.00	29.04 0.20 0.00	28.82 0.20 0.00	31.32 0.22 0.00	35.72 0.21 0.00	38.79 0.19 0.00	45.85 0.27 0.00	48.74 0.24 0.00	52.62 0.26 0.00	57.46 0.34 0.00	62.56 0.37 0.00	73.24 0.65 0.00	83.61 1.07 0.00	92.21 1.54 0.00	91.42 1.53 0.00	82.97 1.15 0.00	70.37 0.70 0.00	62.28 0.43 0.00	51.52 0.31 0.00
INDECK___OLEAN 23982	39.29 -0.04 0.00	33.49 -0.55 0.00	30.59 -0.62 0.00	29.40 -0.66 0.00	28.06 -0.99 0.00	27.62 -1.15 0.00	27.91 -0.92 0.00	27.79 -0.83 0.00	30.36 -0.75 0.00	34.69 -0.82 0.00	37.40 -1.20 0.00	44.39 -1.19 0.00	47.43 -1.07 0.00	51.05 -1.31 0.00	55.01 -2.11 0.00	60.13 -2.05 0.00	70.85 -1.74 0.00	81.30 -1.24 0.00	91.30 0.64 0.00	91.25 1.35 0.00	82.64 0.82 0.00	68.91 -0.76 0.00	61.42 -0.43 0.00	50.18 -1.02 0.00
INDECK___OSWEGO 23783	38.86 -0.47 0.00	33.52 -0.51 0.00	30.75 -0.47 0.00	29.61 -0.45 0.00	28.58 -0.47 0.00	28.23 -0.55 0.00	28.32 -0.52 0.00	28.10 -0.51 0.00	30.60 -0.50 0.00	34.83 -0.68 0.00	37.91 -0.69 0.00	44.84 -0.73 0.00	47.72 -0.78 0.00	51.62 -0.73 0.00	56.32 -0.80 0.00	60.81 -1.37 0.00	71.29 -1.30 0.00	81.38 -1.16 0.00	90.03 -0.63 0.00	89.45 -0.45 0.00	81.37 -0.49 0.00	68.71 -0.98 0.00	60.80 -1.05 0.00	50.65 -0.56 0.00
INDECK___YERKES 23781	40.08 0.75 0.00	34.03 0.00 0.00	31.28 0.06 0.00	30.00 -0.06 0.00	28.84 -0.20 0.00	28.03 -0.75 0.00	28.43 -0.40 0.00	27.96 -0.66 0.00	30.60 -0.50 0.00	34.98 -0.53 0.00	37.87 -0.73 0.00	44.94 -0.64 0.00	48.01 -0.48 0.00	51.46 -0.89 0.00	56.21 -0.92 0.00	61.37 -0.81 0.00	71.50 -1.09 0.00	81.80 -0.74 0.00	92.03 1.36 0.00	91.79 1.89 0.00	82.97 1.14 0.00	69.12 -0.56 0.00	62.65 0.80 0.00	51.57 0.36 0.00
INDIAN POINT_GT_1 24139	41.61 2.28 0.00	36.08 2.04 0.00	33.02 1.81 0.00	31.77 1.71 0.00	30.76 1.71 0.00	30.56 1.78 0.00	30.68 1.85 0.00	30.48 1.86 0.00	33.16 2.05 0.00	37.53 2.02 0.00	40.72 2.12 0.00	47.99 2.42 0.00	51.11 2.62 0.00	55.29 2.93 0.00	60.43 3.31 0.00	65.60 3.42 0.00	77.24 4.65 0.00	88.73 6.19 0.00	97.37 6.71 0.00	96.01 6.11 0.00	86.49 4.66 0.00	72.67 3.00 0.00	63.83 1.98 0.00	53.26 2.05 0.00
INDIAN POINT_GT_2 23659	41.61 2.28 0.00	36.08 2.04 0.00	33.02 1.81 0.00	31.77 1.71 0.00	30.76 1.71 0.00	30.56 1.78 0.00	30.68 1.85 0.00	30.48 1.86 0.00	33.16 2.05 0.00	37.53 2.02 0.00	40.72 2.12 0.00	47.99 2.42 0.00	51.11 2.62 0.00	55.29 2.93 0.00	60.43 3.31 0.00	65.60 3.42 0.00	77.24 4.65 0.00	88.73 6.19 0.00	97.37 6.71 0.00	96.01 6.11 0.00	86.49 4.66 0.00	72.67 3.00 0.00	63.83 1.98 0.00	53.26 2.05 0.00
INDIAN POINT_GT_3 24019	41.61 2.28 0.00	36.08 2.04 0.00	33.02 1.81 0.00	31.77 1.71 0.00	30.76 1.71 0.00	30.56 1.78 0.00	30.68 1.85 0.00	30.48 1.86 0.00	33.16 2.05 0.00	37.53 2.02 0.00	40.72 2.12 0.00	47.99 2.42 0.00	51.11 2.62 0.00	55.29 2.93 0.00	60.43 3.31 0.00	65.60 3.42 0.00	77.24 4.65 0.00	88.73 6.19 0.00	97.37 6.71 0.00	96.01 6.11 0.00	86.49 4.66 0.00	72.67 3.00 0.00	63.83 1.98 0.00	53.26 2.05 0.00
INDIAN POINT___2 23530	41.57 2.24 0.00	36.04 2.01 0.00	33.02 1.81 0.00	31.77 1.71 0.00	30.70 1.65 0.00	30.56 1.78 0.00	30.65 1.82 0.00	30.50 1.89 0.00	33.12 2.02 0.00	37.53 2.02 0.00	40.68 2.08 0.00	47.94 2.37 0.00	51.02 2.52 0.00	55.23 2.88 0.00	60.38 3.25 0.00	65.48 3.29 0.00	77.09 4.50 0.00	88.65 6.11 0.00	97.10 6.44 0.00	95.83 5.93 0.00	86.65 4.83 0.00	72.54 2.86 0.00	63.64 1.79 0.00	53.10 1.90 0.00
INDIAN POINT___3 23531	41.57 2.24 0.00	36.04 2.01 0.00	32.99 1.78 0.00	31.74 1.68 0.00	30.73 1.68 0.00	30.53 1.76 0.00	30.65 1.82 0.00	30.45 1.83 0.00	33.12 2.02 0.00	37.50 1.99 0.00	40.69 2.08 0.00	47.90 2.32 0.00	51.02 2.52 0.00	55.18 2.83 0.00	60.32 3.20 0.00	65.42 3.23 0.00	77.09 4.50 0.00	88.48 5.94 0.00	97.10 6.44 0.00	95.74 5.84 0.00	86.32 4.50 0.00	72.53 2.86 0.00	63.70 1.86 0.00	53.15 1.95 0.00
INGHAM_C_115KV_TB7 356103	39.49 0.16 0.00	34.14 0.10 0.00	31.31 0.09 0.00	30.15 0.09 0.00	29.16 0.12 0.00	28.92 0.14 0.00	28.95 0.12 0.00	28.73 0.11 0.00	31.23 0.12 0.00	35.62 0.11 0.00	38.68 0.08 0.00	45.71 0.14 0.00	48.64 0.15 0.00	52.46 0.10 0.00	57.24 0.11 0.00	62.24 0.06 0.00	72.88 0.29 0.00	83.28 0.74 0.00	92.02 1.36 0.00	91.33 1.44 0.00	82.89 1.06 0.00	70.31 0.63 0.00	62.16 0.31 0.00	51.36 0.15 0.00
IP CORINTH___1 23988	41.06 1.73 0.00	35.53 1.50 0.00	32.49 1.28 0.00	31.23 1.17 0.00	30.27 1.22 0.00	29.98 1.21 0.00	30.07 1.24 0.00	29.76 1.14 0.00	32.47 1.37 0.00	36.86 1.35 0.00	39.68 1.08 0.00	46.85 1.28 0.00	49.66 1.16 0.00	53.82 1.47 0.00	59.01 1.89 0.00	64.48 2.30 0.00	75.79 3.19 0.00	87.41 4.87 0.00	97.28 6.62 0.00	96.82 6.92 0.00	87.96 6.14 0.00	74.28 4.60 0.00	64.94 3.09 0.00	53.67 2.46 0.00
IP___TICONDEROGA 23804	41.73 2.40 0.00	35.97 1.94 0.00	32.74 1.53 0.00	31.41 1.35 0.00	30.50 1.45 0.00	30.21 1.44 0.00	30.28 1.44 0.00	29.88 1.26 0.00	32.84 1.74 0.00	37.36 1.85 0.00	40.26 1.66 0.00	47.81 2.23 0.00	50.48 1.99 0.00	54.87 2.51 0.00	60.43 3.31 0.00	66.35 4.17 0.00	78.18 5.59 0.00	90.79 8.25 0.00	101.82 11.15 0.00	102.12 12.23 0.00	93.03 11.21 0.00	78.11 8.43 0.00	67.66 5.81 0.00	55.56 4.35 0.00
ISLIP_RES_REC 323679	43.07 3.74 0.00	36.99 2.96 0.00	33.65 2.44 0.00	32.37 2.31 0.00	31.23 2.18 0.00	30.99 2.22 0.00	30.85 2.02 0.00	30.88 2.26 0.00	33.90 2.80 0.00	38.53 3.02 0.00	45.66 3.71 -3.36	49.92 4.19 -0.16	52.61 4.12 0.00	55.77 3.56 0.15	61.02 4.40 0.50	66.38 4.67 0.47	78.61 6.02 0.00	91.13 8.58 -0.01	99.92 9.25 0.00	97.27 7.37 0.00	86.10 5.57 1.29	71.85 3.21 1.03	57.26 2.54 7.12	52.89 1.69 0.00

JAMAICA__27_KV_LOAD 355505	42.40 3.07 0.00	36.72 2.69 0.00	33.56 2.34 0.00	32.25 2.19 0.00	31.28 2.24 0.00	31.08 2.30 0.00	31.31 2.48 0.00	31.22 2.60 0.00	34.00 2.89 -0.01	38.42 2.91 0.00	41.53 2.93 0.00	48.95 3.37 0.00	52.13 3.64 0.00	56.39 4.03 0.00	61.75 4.63 0.00	66.91 4.73 0.00	78.98 6.39 0.00	90.71 8.17 0.00	99.55 8.89 0.00	98.17 8.27 0.00	88.45 6.63 0.00	74.07 4.39 0.00	65.27 3.40 -0.02	54.49 3.28 0.00
JANIS__SOLAR 323808	41.49 2.16 0.00	35.67 1.63 0.00	32.62 1.41 0.00	31.38 1.32 0.00	30.29 1.25 0.00	29.93 1.15 0.00	29.96 1.12 0.00	29.64 1.03 0.00	32.16 1.06 0.00	36.40 0.89 0.00	39.41 0.81 0.00	46.71 1.14 0.00	49.80 1.31 0.00	54.03 1.67 0.00	58.95 1.83 0.00	64.42 2.24 0.00	76.36 3.77 0.00	87.99 5.45 0.00	99.18 8.52 0.00	99.07 9.17 0.00	90.08 8.26 0.00	75.39 5.71 0.00	66.36 4.51 0.00	54.44 3.23 0.00
JARVIS____ 23743	39.57 0.24 0.00	34.24 0.21 0.00	31.40 0.19 0.00	30.24 0.18 0.00	29.22 0.18 0.00	28.98 0.20 0.00	29.04 0.20 0.00	28.82 0.20 0.00	31.29 0.19 0.00	35.65 0.14 0.00	38.72 0.12 0.00	45.71 0.14 0.00	48.64 0.15 0.00	52.57 0.21 0.00	57.41 0.29 0.00	62.49 0.31 0.00	73.10 0.51 0.00	83.36 0.83 0.00	91.76 1.09 0.00	90.98 1.08 0.00	82.72 0.90 0.00	70.10 0.42 0.00	62.10 0.25 0.00	51.41 0.21 0.00
JENNISON____1 23625	41.65 2.32 0.00	35.87 1.84 0.00	32.74 1.53 0.00	31.53 1.47 0.00	30.44 1.39 0.00	30.19 1.41 0.00	30.16 1.33 0.00	29.93 1.32 0.00	32.56 1.46 0.00	36.97 1.46 0.00	40.14 1.54 0.00	47.72 2.14 0.00	50.87 2.38 0.00	55.08 2.72 0.00	60.15 3.03 0.00	65.60 3.42 0.00	77.60 5.01 0.00	89.06 6.52 0.00	99.91 9.25 0.00	99.33 9.44 0.00	90.00 8.18 0.00	75.46 5.78 0.00	66.36 4.51 0.00	54.49 3.28 0.00
JENNISON____2 23626	41.65 2.32 0.00	35.87 1.84 0.00	32.74 1.53 0.00	31.53 1.47 0.00	30.44 1.39 0.00	30.19 1.41 0.00	30.16 1.33 0.00	29.93 1.32 0.00	32.56 1.46 0.00	36.97 1.46 0.00	40.14 1.54 0.00	47.72 2.14 0.00	50.87 2.38 0.00	55.08 2.72 0.00	60.15 3.03 0.00	65.60 3.42 0.00	77.60 5.01 0.00	89.06 6.52 0.00	99.91 9.25 0.00	99.33 9.44 0.00	90.00 8.18 0.00	75.46 5.78 0.00	66.36 4.51 0.00	54.49 3.28 0.00
JERICOHO_RISE_WT_PWR 323719	37.88 -1.45 0.00	32.84 -1.19 0.00	30.12 -1.09 0.00	29.04 -1.02 0.00	28.15 -0.90 0.00	27.85 -0.92 0.00	27.85 -0.98 0.00	27.70 -0.92 0.00	30.23 -0.87 0.00	34.76 -0.75 0.00	37.83 -0.77 0.00	44.57 -1.00 0.00	47.09 -1.41 0.00	50.21 -2.15 0.00	54.38 -2.74 0.00	59.14 -3.05 0.00	68.53 -4.06 0.00	77.01 -5.53 0.00	84.41 -6.25 0.00	84.32 -5.57 0.00	77.73 -4.17 -0.08	67.66 -2.02 -0.01	60.86 -0.99 0.00	50.54 -0.67 0.00
KATONAH__115KV_46KV_TB4 355592	41.85 2.52 0.00	36.21 2.18 0.00	33.18 1.97 0.00	31.92 1.86 0.00	30.91 1.86 0.00	30.68 1.90 0.00	30.77 1.93 0.00	30.56 1.95 0.00	33.28 2.18 0.00	37.71 2.20 0.00	40.96 2.35 0.00	48.31 2.73 0.00	51.50 3.01 0.00	55.76 3.40 0.00	61.01 3.88 0.00	66.29 4.10 0.00	78.11 5.52 0.00	89.64 7.10 0.00	98.37 7.71 0.00	96.91 7.01 0.00	87.39 5.56 0.00	73.30 3.62 0.00	64.38 2.54 0.00	53.62 2.41 0.00
KCE_NY_1 323755	41.38 2.04 0.00	35.84 1.80 0.00	32.81 1.59 0.00	31.56 1.50 0.00	30.56 1.51 0.00	30.33 1.55 0.00	30.36 1.53 0.00	30.07 1.46 0.00	32.66 1.55 0.00	37.04 1.53 0.00	40.10 1.50 0.00	47.35 1.78 0.00	50.29 1.80 0.00	54.50 2.15 0.00	59.69 2.57 0.00	65.17 2.98 0.00	76.51 3.92 0.00	88.15 5.62 0.00	97.20 6.53 0.00	96.55 6.65 0.00	87.72 5.89 0.00	74.00 4.32 0.00	64.94 3.09 0.00	53.77 2.56 0.00
KCE_NY_6_ESR 323823	40.04 0.71 0.00	34.00 -0.03 0.00	31.09 -0.12 0.00	29.94 -0.12 0.00	28.61 -0.43 0.00	28.00 -0.78 0.00	28.29 -0.55 0.00	27.99 -0.63 0.00	30.64 -0.47 0.00	35.05 -0.46 0.00	37.91 -0.69 0.00	44.94 -0.64 0.00	48.06 -0.44 0.00	51.57 -0.78 0.00	56.27 -0.86 0.00	61.44 -0.74 0.00	72.23 -0.36 0.00	82.70 0.17 0.00	93.11 2.45 0.00	92.86 2.96 0.00	84.11 2.29 0.00	70.03 0.35 0.00	62.83 0.99 0.00	51.62 0.41 0.00
KEDC_PORT_JEFF_GT2 24210	42.79 3.46 0.00	36.76 2.72 0.00	33.46 2.25 0.00	32.19 2.13 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.71 1.87 0.00	30.70 2.09 0.00	33.72 2.61 0.00	38.28 2.77 0.00	45.34 3.40 -3.35	49.50 3.78 -0.15	52.13 3.64 0.00	55.15 2.98 0.19	60.06 3.60 0.66	65.45 3.79 0.53	77.17 4.58 0.00	89.48 6.93 -0.01	97.92 7.26 0.00	95.38 5.48 0.00	84.28 3.93 1.47	70.39 1.88 1.17	56.42 1.85 7.28	52.39 1.18 0.00
KEDC_PORT_JEFF_GT3 24211	42.79 3.46 0.00	36.76 2.72 0.00	33.46 2.25 0.00	32.19 2.13 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.71 1.87 0.00	30.70 2.09 0.00	33.72 2.61 0.00	38.28 2.77 0.00	45.34 3.40 -3.35	49.50 3.78 -0.15	52.13 3.64 0.00	55.15 2.98 0.19	60.06 3.60 0.66	65.45 3.79 0.53	77.17 4.58 0.00	89.48 6.93 -0.01	97.92 7.26 0.00	95.38 5.48 0.00	84.28 3.93 1.47	70.39 1.88 1.17	56.42 1.85 7.28	52.39 1.18 0.00
KEDC_GLWD_GT4 24219	42.40 3.07 0.00	36.62 2.59 0.00	33.46 2.25 0.00	32.16 2.10 0.00	31.11 2.06 0.00	30.91 2.13 0.00	30.94 2.10 0.00	30.85 2.23 0.00	33.65 2.55 0.00	38.21 2.70 0.00	45.33 3.01 -3.72	49.66 3.46 -0.62	52.14 3.64 -0.01	56.02 3.66 0.00	61.47 4.34 -0.01	66.10 3.92 0.00	77.96 5.37 0.00	89.81 7.27 -0.01	98.28 7.62 0.00	96.55 6.65 0.00	87.14 5.32 0.00	72.89 3.21 0.00	63.00 2.16 1.01	53.41 2.20 0.00
KEDC_GLWD_GT5 24220	42.40 3.07 0.00	36.62 2.59 0.00	33.46 2.25 0.00	32.16 2.10 0.00	31.11 2.06 0.00	30.91 2.13 0.00	30.94 2.10 0.00	30.85 2.23 0.00	33.65 2.55 0.00	38.21 2.70 0.00	45.33 3.01 -3.72	49.66 3.46 -0.62	52.14 3.64 -0.01	56.02 3.66 0.00	61.47 4.34 -0.01	66.10 3.92 0.00	77.96 5.37 0.00	89.81 7.27 -0.01	98.28 7.62 0.00	96.55 6.65 0.00	87.14 5.32 0.00	72.89 3.21 0.00	63.00 2.16 1.01	53.41 2.20 0.00
KENSICO____ 23655	41.77 2.44 0.00	36.18 2.14 0.00	33.12 1.90 0.00	31.86 1.80 0.00	30.88 1.83 0.00	30.65 1.87 0.00	30.77 1.93 0.00	30.59 1.97 0.00	33.25 2.15 0.00	37.64 2.13 0.00	40.88 2.28 0.00	48.17 2.60 0.00	51.31 2.81 0.00	55.44 3.09 0.00	60.66 3.54 0.00	65.79 3.61 0.00	77.46 4.86 0.00	88.98 6.44 0.00	97.65 6.98 0.00	96.28 6.38 0.00	86.73 4.91 0.00	72.88 3.21 0.00	63.95 2.10 0.00	53.41 2.20 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.65 2.32 0.00	36.04 2.01 0.00	33.02 1.81 0.00	31.74 1.68 0.00	30.73 1.68 0.00	30.50 1.73 0.00	30.59 1.76 0.00	30.36 1.75 0.00	33.00 1.90 0.00	37.39 1.88 0.00	40.65 2.05 0.00	47.90 2.32 0.00	51.16 2.67 0.00	55.55 3.19 0.00	60.72 3.60 0.00	66.10 3.92 0.00	78.04 5.44 0.00	89.72 7.18 0.00	98.82 8.16 0.00	97.54 7.64 0.00	87.96 6.14 0.00	73.79 4.11 0.00	64.82 2.97 0.00	53.77 2.56 0.00

KIAC_JFK_GT1 23816	42.12 2.79 0.00	36.48 2.45 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.11 2.06 0.00	30.93 2.16 0.00	31.14 2.31 0.00	31.05 2.43 0.00	33.82 2.71 -0.01	38.17 2.66 0.00	41.26 2.66 0.00	48.58 3.01 0.00	51.74 3.25 0.00	55.97 3.61 0.00	61.29 4.17 0.00	66.41 4.23 0.00	78.33 5.73 0.00	89.97 7.43 0.00	98.73 8.07 0.00	97.36 7.46 0.00	87.71 5.89 0.00	73.51 3.83 0.00	64.71 2.85 -0.02	54.02 2.82 0.00
KIAC_JFK_GT2 23817	42.12 2.79 0.00	36.48 2.45 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.11 2.06 0.00	30.93 2.16 0.00	31.14 2.31 0.00	31.05 2.43 0.00	33.82 2.71 -0.01	38.17 2.66 0.00	41.26 2.66 0.00	48.58 3.01 0.00	51.74 3.25 0.00	55.97 3.61 0.00	61.29 4.17 0.00	66.41 4.23 0.00	78.33 5.73 0.00	89.97 7.43 0.00	98.73 8.07 0.00	97.36 7.46 0.00	87.71 5.89 0.00	73.51 3.83 0.00	64.71 2.85 -0.02	54.02 2.82 0.00
KIAC_JFK____ 323774	42.12 2.79 0.00	36.49 2.45 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.08 2.03 0.00	30.96 2.19 0.00	31.14 2.31 0.00	31.08 2.46 0.00	33.85 2.74 -0.01	38.21 2.70 0.00	41.26 2.66 0.00	48.58 3.01 0.00	51.74 3.25 0.00	56.02 3.66 0.00	61.35 4.23 0.00	66.41 4.23 0.00	78.32 5.73 0.00	90.05 7.51 0.00	98.65 7.98 0.00	97.35 7.46 0.00	88.12 6.30 0.00	73.44 3.76 0.00	64.65 2.79 -0.02	53.97 2.76 0.00
KINTIGH__24_KV_GSU 356498	39.88 0.55 0.00	34.00 -0.03 0.00	31.18 -0.03 0.00	30.00 -0.06 0.00	28.78 -0.26 0.00	28.14 -0.63 0.00	28.46 -0.38 0.00	28.07 -0.54 0.00	30.73 -0.37 0.00	35.09 -0.42 0.00	37.98 -0.62 0.00	44.98 -0.59 0.00	48.06 -0.44 0.00	51.62 -0.73 0.00	56.44 -0.68 0.00	61.50 -0.68 0.00	72.23 -0.36 0.00	82.54 0.00 0.00	92.48 1.81 0.00	92.05 2.15 0.00	83.37 1.55 0.00	69.54 -0.14 0.00	62.40 0.56 0.00	51.47 0.26 0.00
KINTIGH____ 23543	39.88 0.55 0.00	34.00 -0.03 0.00	31.00 -0.22 0.00	29.91 -0.15 0.00	28.49 -0.55 0.00	28.17 -0.60 0.00	28.23 -0.61 0.00	28.04 -0.57 0.00	30.51 -0.59 0.00	34.91 -0.60 0.00	37.98 -0.62 0.00	44.98 -0.59 0.00	48.06 -0.44 0.00	51.62 -0.73 0.00	56.44 -0.69 0.00	61.50 -0.68 0.00	72.23 -0.36 0.00	82.54 0.00 0.00	92.39 1.72 0.00	92.05 2.16 0.00	83.13 1.31 0.00	69.61 -0.07 0.00	62.10 0.25 0.00	51.26 0.05 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.47 -0.87 0.00	33.35 -0.68 0.00	30.56 -0.66 0.00	29.46 -0.60 0.00	28.55 -0.49 0.00	28.23 -0.55 0.00	28.26 -0.58 0.00	28.07 -0.54 0.00	30.73 -0.37 0.00	35.30 -0.21 0.00	38.37 -0.23 0.00	45.25 -0.32 0.00	47.57 -0.92 0.00	50.89 -1.47 0.00	54.61 -2.51 0.00	59.14 -3.05 0.00	68.67 -3.92 0.00	77.34 -5.20 0.00	84.95 -5.71 0.00	84.77 -5.12 0.00	78.63 -3.19 0.00	67.94 -1.74 0.00	61.04 -0.80 0.00	50.85 -0.36 0.00
LACHUTE____HYDRO 323717	41.73 2.40 0.00	35.97 1.94 0.00	32.71 1.50 0.00	31.38 1.32 0.00	30.47 1.42 0.00	30.24 1.47 0.00	30.25 1.41 0.00	29.87 1.26 0.00	32.81 1.71 0.00	37.32 1.81 0.00	40.26 1.66 0.00	47.81 2.23 0.00	50.48 1.99 0.00	54.87 2.51 0.00	60.43 3.31 0.00	66.35 4.17 0.00	78.18 5.59 0.00	90.87 8.33 0.00	101.81 11.15 0.00	102.12 12.22 0.00	93.19 11.37 0.00	78.11 8.43 0.00	67.66 5.81 0.00	55.56 4.35 0.00
LAWRNCV_115KV_TB1 80681	38.90 -0.43 0.00	33.73 -0.31 0.00	30.87 -0.34 0.00	29.73 -0.33 0.00	28.81 -0.23 0.00	28.49 -0.29 0.00	28.46 -0.37 0.00	28.24 -0.37 0.00	30.82 -0.28 0.00	35.37 -0.14 0.00	38.60 0.00 0.00	45.67 0.09 0.00	48.49 0.00 0.00	52.09 -0.26 0.00	56.44 -0.69 0.00	61.37 -0.81 0.00	71.36 -1.23 0.00	80.48 -2.06 0.00	87.31 -3.35 0.00	86.93 -2.97 0.00	82.09 -0.65 -0.92	70.12 0.35 -0.09	62.78 0.93 0.00	51.82 0.61 0.00
LEDERLE____ 23769	41.77 2.44 0.00	36.21 2.18 0.00	33.15 1.94 0.00	31.86 1.80 0.00	30.88 1.83 0.00	30.65 1.87 0.00	30.77 1.93 0.00	30.56 1.95 0.00	33.25 2.15 0.00	37.64 2.13 0.00	40.88 2.28 0.00	48.17 2.60 0.00	51.31 2.81 0.00	55.55 3.19 0.00	60.72 3.60 0.00	65.91 3.73 0.00	77.67 5.08 0.00	89.23 6.69 0.00	97.83 7.16 0.00	96.55 6.65 0.00	86.98 5.15 0.00	73.09 3.41 0.00	64.14 2.29 0.00	53.46 2.25 0.00
LIGHTHSE_115KV_TB6 355974	39.45 0.12 0.00	34.03 0.00 0.00	31.12 -0.09 0.00	29.97 -0.09 0.00	28.93 -0.12 0.00	28.66 -0.12 0.00	28.66 -0.17 0.00	28.42 -0.20 0.00	30.95 -0.16 0.00	35.19 -0.32 0.00	38.33 -0.27 0.00	45.39 -0.18 0.00	48.20 -0.29 0.00	52.09 -0.26 0.00	56.89 -0.23 0.00	61.81 -0.37 0.00	72.66 0.07 0.00	83.03 0.50 0.00	92.84 2.18 0.00	92.50 2.61 0.00	84.28 2.37 -0.08	71.29 1.60 -0.01	62.90 1.05 0.00	51.93 0.72 0.00
LINDEN COGEN____ 23786	41.85 2.52 0.00	36.24 2.21 0.00	33.18 1.97 0.00	31.89 1.83 0.00	30.88 1.83 0.00	30.70 1.93 0.00	30.85 2.02 0.00	30.79 2.17 0.00	33.44 2.33 0.00	37.85 2.34 0.00	41.07 2.47 0.00	48.26 2.69 0.00	51.40 2.91 1.76	53.84 3.25 6.57	54.21 3.66 10.76	54.90 3.48 20.43	56.96 4.79 11.05	77.84 6.36 6.83	90.54 6.71 6.93	89.17 6.20 6.93	77.24 5.07 9.65	58.97 2.86 13.56	54.15 1.79 9.49	52.56 2.15 0.80
LINDHRST_69_KV_BK1 356055	43.11 3.78 0.00	37.06 3.03 0.00	33.74 2.53 0.00	32.43 2.37 0.00	31.34 2.29 0.00	31.08 2.30 0.00	31.03 2.19 0.00	30.96 2.35 0.00	33.96 2.86 0.00	38.60 3.09 -3.47	45.70 3.63 -0.31	49.98 4.10 0.00	52.62 4.12 0.00	55.92 3.61 0.05	61.49 4.51 0.15	66.60 4.60 0.19	78.76 6.17 0.00	90.96 8.42 0.00	99.73 9.07 0.00	97.27 7.37 0.00	86.71 5.40 0.52	73.31 4.04 0.41	59.58 3.34 5.61	53.36 2.15 0.00
LIPA_MISC_IPP 23656	42.56 3.23 0.00	36.52 2.48 0.00	33.24 2.03 0.00	31.95 1.89 0.00	30.88 1.83 0.00	30.59 1.81 0.00	30.48 1.64 0.00	30.45 1.83 0.00	33.44 2.33 0.00	37.96 2.45 0.00	45.03 3.09 -3.34	49.13 3.42 -0.14	51.79 3.30 0.00	54.84 2.62 0.13	60.03 3.37 0.46	65.34 3.54 0.38	77.38 4.79 0.00	89.72 7.18 0.00	98.37 7.71 0.00	95.74 5.84 0.00	84.52 3.76 1.07	71.54 2.72 0.85	56.59 1.98 7.24	52.28 1.08 0.00
LISF____SOLAR 323691	42.64 3.30 0.00	36.59 2.55 0.00	33.31 2.09 0.00	32.04 1.98 0.00	30.91 1.86 0.00	30.67 1.90 0.00	30.51 1.67 0.00	30.53 1.92 0.00	33.50 2.40 0.00	38.03 2.52 0.00	45.11 3.17 -3.34	49.23 3.51 -0.14	51.83 3.34 0.00	54.99 2.77 0.14	60.18 3.54 0.48	65.51 3.73 0.40	77.60 5.00 0.00	90.06 7.51 -0.01	98.73 8.07 0.00	96.18 6.29 0.00	85.28 4.58 1.12	71.15 2.37 0.90	56.29 1.67 7.23	52.23 1.02 0.00
LITTLE FALLS____HYD 24013	39.49 0.16 0.00	34.14 0.10 0.00	31.31 0.09 0.00	30.15 0.09 0.00	29.16 0.12 0.00	28.92 0.14 0.00	28.95 0.12 0.00	28.73 0.11 0.00	31.23 0.12 0.00	35.62 0.11 0.00	38.68 0.08 0.00	45.71 0.14 0.00	48.64 0.15 0.00	52.46 0.10 0.00	57.24 0.11 0.00	62.24 0.06 0.00	72.88 0.29 0.00	83.28 0.74 0.00	92.02 1.36 0.00	91.33 1.44 0.00	82.89 1.06 0.00	70.31 0.63 0.00	62.16 0.31 0.00	51.36 0.15 0.00

LITTLRIV_115KV_TB1 356100	39.29 -0.04 0.00	34.07 0.03 0.00	31.15 -0.06 0.00	30.03 -0.03 0.00	29.10 0.06 0.00	28.78 0.00 0.00	28.72 -0.12 0.00	28.47 -0.14 0.00	31.01 -0.09 0.00	35.58 0.07 0.00	38.76 0.15 0.00	45.89 0.32 0.00	48.69 0.19 0.00	52.35 0.00 0.00	56.72 -0.40 0.00	61.68 -0.50 0.00	71.87 -0.73 0.00	81.14 -1.40 0.00	88.58 -2.09 0.00	88.55 -1.35 0.00	83.52 0.82 -0.88	71.30 1.53 -0.09	63.89 2.04 0.00	52.59 1.38 0.00
LI_NEWBRDGE___DRP 323616	42.32 2.99 0.00	36.48 2.45 0.00	33.24 2.03 0.00	31.98 1.92 0.00	30.93 1.89 0.00	30.65 1.87 0.00	30.65 1.82 0.00	30.56 1.95 0.00	33.47 2.36 0.00	38.00 2.49 0.00	44.64 2.78 -3.26	48.75 3.14 -0.03	51.74 3.25 0.01	55.02 2.67 0.00	60.54 3.43 0.01	65.48 3.30 0.00	77.24 4.65 0.00	89.06 6.52 0.00	97.64 6.98 0.00	95.38 5.48 0.00	85.59 3.76 0.00	72.26 2.58 0.00	56.15 2.23 7.92	52.54 1.33 0.00
LOCKPORT_115KV_TB60_63_64 80432	40.20 0.87 0.00	34.17 0.14 0.00	30.78 -0.44 0.00	30.03 -0.03 0.00	28.23 -0.81 0.00	28.17 -0.60 0.00	28.14 -0.69 0.00	27.81 -0.80 0.00	30.23 -0.87 0.00	34.59 -0.92 0.00	37.64 -0.97 0.00	44.62 -0.96 0.00	47.72 -0.78 0.00	50.94 -1.41 0.00	55.69 -1.43 0.00	60.75 -1.43 0.00	71.28 -1.31 0.00	81.55 -0.99 0.00	91.75 1.09 0.00	91.60 1.71 0.00	82.56 0.74 0.00	69.05 -0.63 0.00	61.79 -0.06 0.00	50.95 -0.26 0.00
LOCKPORT___CC1 323769	40.12 0.79 0.00	34.10 0.07 0.00	31.00 -0.22 0.00	30.09 0.03 0.00	28.58 -0.47 0.00	28.12 -0.66 0.00	28.23 -0.61 0.00	27.87 -0.74 0.00	30.45 -0.65 0.00	34.80 -0.71 0.00	37.64 -0.96 0.00	44.61 -0.96 0.00	47.67 -0.82 0.00	50.83 -1.52 0.00	55.52 -1.60 0.00	60.57 -1.62 0.00	71.14 -1.45 0.00	81.30 -1.24 0.00	91.48 0.81 0.00	91.25 1.35 0.00	82.64 0.82 0.00	68.85 -0.83 0.00	61.97 0.12 0.00	51.06 -0.15 0.00
LOCKPORT___CC2 323770	40.12 0.79 0.00	34.10 0.07 0.00	31.00 -0.22 0.00	30.09 0.03 0.00	28.58 -0.47 0.00	28.12 -0.66 0.00	28.23 -0.61 0.00	27.87 -0.74 0.00	30.45 -0.65 0.00	34.80 -0.71 0.00	37.64 -0.96 0.00	44.61 -0.96 0.00	47.67 -0.82 0.00	50.83 -1.52 0.00	55.52 -1.60 0.00	60.57 -1.62 0.00	71.14 -1.45 0.00	81.30 -1.24 0.00	91.48 0.81 0.00	91.25 1.35 0.00	82.64 0.82 0.00	68.85 -0.83 0.00	61.97 0.12 0.00	51.06 -0.15 0.00
LOCKPORT___CC3 323771	40.12 0.79 0.00	34.10 0.07 0.00	31.00 -0.22 0.00	30.09 0.03 0.00	28.58 -0.47 0.00	28.12 -0.66 0.00	28.23 -0.61 0.00	27.87 -0.74 0.00	30.45 -0.65 0.00	34.80 -0.71 0.00	37.64 -0.96 0.00	44.61 -0.96 0.00	47.67 -0.82 0.00	50.83 -1.52 0.00	55.52 -1.60 0.00	60.57 -1.62 0.00	71.14 -1.45 0.00	81.30 -1.24 0.00	91.48 0.81 0.00	91.25 1.35 0.00	82.64 0.82 0.00	68.85 -0.83 0.00	61.97 0.12 0.00	51.06 -0.15 0.00
LOCUSVLY_69_KV_BK2 55797	42.68 3.34 0.00	36.82 2.79 0.00	33.59 2.37 0.00	32.28 2.22 0.00	31.23 2.18 0.00	30.96 2.19 0.00	31.00 2.16 0.00	30.91 2.29 0.00	33.78 2.67 0.00	38.39 2.88 0.00	45.51 3.28 -3.63	49.83 3.74 -0.51	52.38 3.88 -0.01	55.91 3.56 0.00	61.52 4.40 -0.01	66.53 4.35 0.00	78.40 5.81 0.00	90.38 7.84 0.00	99.01 8.34 0.00	97.00 7.10 0.00	86.98 5.15 0.00	73.30 3.62 0.00	62.28 2.97 2.53	53.36 2.15 0.00
LONG_LAKE_PHOENIX 24014	39.14 -0.20 0.00	33.76 -0.27 0.00	30.90 -0.31 0.00	29.76 -0.30 0.00	28.70 -0.35 0.00	28.40 -0.37 0.00	28.46 -0.37 0.00	28.24 -0.37 0.00	30.76 -0.34 0.00	35.05 -0.46 0.00	38.18 -0.42 0.00	45.16 -0.41 0.00	48.11 -0.39 0.00	51.99 -0.37 0.00	56.78 -0.34 0.00	61.75 -0.44 0.00	72.45 -0.15 0.00	82.62 0.08 0.00	91.48 0.82 0.00	90.79 0.90 0.00	82.39 0.57 0.00	69.68 0.00 0.00	61.54 -0.31 0.00	50.90 -0.31 0.00
LOVETT___3 23632	41.53 2.20 0.00	36.01 1.97 0.00	32.96 1.75 0.00	31.71 1.65 0.00	30.70 1.66 0.00	30.50 1.73 0.00	30.62 1.79 0.00	30.42 1.80 0.00	33.09 1.99 0.00	37.43 1.92 0.00	40.61 2.01 0.00	47.85 2.28 0.00	50.92 2.42 0.00	55.08 2.72 0.00	60.21 3.08 0.00	65.29 3.11 0.00	76.95 4.36 0.00	88.40 5.86 0.00	96.92 6.26 0.00	95.56 5.66 0.00	86.16 4.34 0.00	72.40 2.72 0.00	63.58 1.73 0.00	53.05 1.84 0.00
LOVETT___4 23642	41.53 2.20 0.00	36.01 1.97 0.00	32.96 1.75 0.00	31.71 1.65 0.00	30.70 1.66 0.00	30.50 1.73 0.00	30.62 1.79 0.00	30.42 1.80 0.00	33.09 1.99 0.00	37.43 1.92 0.00	40.61 2.01 0.00	47.85 2.28 0.00	50.92 2.42 0.00	55.08 2.72 0.00	60.21 3.08 0.00	65.29 3.11 0.00	76.95 4.36 0.00	88.40 5.86 0.00	96.92 6.26 0.00	95.56 5.66 0.00	86.16 4.34 0.00	72.40 2.72 0.00	63.58 1.73 0.00	53.05 1.84 0.00
LOVETT___5 23593	41.53 2.20 0.00	36.01 1.97 0.00	32.96 1.75 0.00	31.71 1.65 0.00	30.70 1.66 0.00	30.50 1.73 0.00	30.62 1.79 0.00	30.42 1.80 0.00	33.09 1.99 0.00	37.43 1.92 0.00	40.61 2.01 0.00	47.85 2.28 0.00	50.92 2.42 0.00	55.08 2.72 0.00	60.21 3.08 0.00	65.29 3.11 0.00	76.95 4.36 0.00	88.40 5.86 0.00	96.92 6.26 0.00	95.56 5.66 0.00	86.16 4.34 0.00	72.40 2.72 0.00	63.58 1.73 0.00	53.05 1.84 0.00
LOWER RAQUET___HYD 24057	38.90 -0.43 0.00	33.73 -0.31 0.00	30.87 -0.34 0.00	29.73 -0.33 0.00	28.81 -0.23 0.00	28.49 -0.29 0.00	28.46 -0.38 0.00	28.24 -0.37 0.00	30.82 -0.28 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.67 0.09 0.00	48.49 0.00 0.00	51.99 -0.36 0.00	56.38 -0.74 0.00	61.37 -0.81 0.00	71.36 -1.23 0.00	80.14 -2.40 0.00	87.67 -2.99 0.00	87.29 -2.61 0.00	80.86 -1.80 -0.84	70.39 0.63 -0.09	62.96 1.11 0.00	51.98 0.77 0.00
LOWER___HUDSON 24059	40.91 1.57 0.00	35.50 1.46 0.00	32.56 1.34 0.00	31.35 1.29 0.00	30.32 1.28 0.00	30.13 1.35 0.00	30.19 1.36 0.00	29.91 1.29 0.00	32.38 1.28 0.00	36.68 1.17 0.00	39.72 1.12 0.00	46.80 1.23 0.00	49.85 1.36 0.00	53.92 1.57 0.00	59.00 1.88 0.00	64.36 2.18 0.00	75.64 3.05 0.00	86.99 4.45 0.00	95.47 4.80 0.00	94.48 4.58 0.00	85.59 3.77 0.00	72.33 2.65 0.00	63.45 1.61 0.00	52.69 1.49 0.00
LOWVILLE_115KV_TB2 356335	39.80 0.47 0.00	34.34 0.31 0.00	31.40 0.19 0.00	30.21 0.15 0.00	29.28 0.23 0.00	29.01 0.23 0.00	28.92 0.09 0.00	28.67 0.06 0.00	31.16 0.06 0.00	35.44 -0.07 0.00	38.52 -0.08 0.00	45.71 0.14 0.00	48.54 0.05 0.00	52.41 0.05 0.00	57.29 0.17 0.00	62.37 0.19 0.00	73.39 0.80 0.00	84.11 1.57 0.00	95.56 4.90 0.00	95.38 5.48 0.00	87.38 5.32 -0.24	73.81 4.11 -0.02	65.19 3.34 0.00	53.56 2.36 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.34 2.01 0.00	35.84 1.80 0.00	32.81 1.59 0.00	31.56 1.50 0.00	30.56 1.51 0.00	30.27 1.50 0.00	30.36 1.53 0.00	30.05 1.43 0.00	32.66 1.56 0.00	37.04 1.53 0.00	40.07 1.47 0.00	47.31 1.73 0.00	50.24 1.75 0.00	54.45 2.09 0.00	59.63 2.51 0.00	65.10 2.92 0.00	76.44 3.85 0.00	87.99 5.45 0.00	97.10 6.44 0.00	96.46 6.56 0.00	87.47 5.65 0.00	73.93 4.25 0.00	64.88 3.03 0.00	53.72 2.51 0.00

LUTHERNY_35_KV_BK2 355980	41.38 2.05 0.00	35.84 1.80 0.00	32.84 1.62 0.00	31.59 1.53 0.00	30.59 1.54 0.00	30.30 1.53 0.00	30.39 1.56 0.00	30.08 1.46 0.00	32.69 1.59 0.00	37.04 1.53 0.00	40.11 1.51 0.00	47.35 1.78 0.00	50.29 1.79 0.00	54.45 2.09 0.00	59.69 2.57 0.00	65.17 2.98 0.00	76.51 3.92 0.00	88.07 5.53 0.00	97.28 6.62 0.00	96.55 6.65 0.00	87.55 5.73 0.00	74.00 4.32 0.00	64.94 3.09 0.00	53.77 2.56 0.00
LWR___OSWEGATCHIE_HYD 23850	39.33 0.00 0.00	34.03 0.00 0.00	31.12 -0.09 0.00	29.97 -0.09 0.00	29.05 0.00 0.00	28.75 -0.03 0.00	28.66 -0.17 0.00	28.42 -0.20 0.00	30.95 -0.16 0.00	35.37 -0.14 0.00	38.48 -0.12 0.00	45.62 0.05 0.00	48.45 -0.05 0.00	52.20 -0.16 0.00	56.78 -0.34 0.00	61.75 -0.44 0.00	72.30 -0.29 0.00	82.29 -0.25 0.00	91.75 1.09 0.00	91.51 1.62 0.00	85.01 2.62 -0.57	72.18 2.44 -0.06	64.14 2.29 0.00	52.74 1.54 0.00
LYONS_FALL_HYD 23570	39.96 0.63 0.00	34.51 0.48 0.00	31.59 0.38 0.00	30.39 0.33 0.00	29.45 0.41 0.00	29.15 0.37 0.00	29.12 0.29 0.00	28.87 0.26 0.00	31.41 0.31 0.00	35.72 0.21 0.00	38.83 0.23 0.00	46.08 0.50 0.00	48.98 0.48 0.00	52.93 0.58 0.00	57.81 0.69 0.00	62.93 0.75 0.00	74.04 1.45 0.00	84.77 2.23 0.00	95.47 4.80 0.00	95.02 5.12 0.00	86.72 4.74 -0.16	73.32 3.62 -0.02	64.76 2.91 0.00	53.31 2.10 0.00
MADISON___COUNTY_LFGE 323628	40.51 1.18 0.00	34.95 0.92 0.00	31.99 0.78 0.00	30.78 0.72 0.00	29.74 0.70 0.00	29.47 0.69 0.00	29.47 0.63 0.00	29.25 0.63 0.00	31.79 0.68 0.00	36.18 0.67 0.00	39.33 0.73 0.00	46.62 1.05 0.00	49.66 1.16 0.00	53.72 1.36 0.00	58.72 1.60 0.00	63.99 1.80 0.00	75.28 2.69 0.00	86.09 3.55 0.00	96.10 5.44 0.00	95.56 5.66 0.00	86.78 4.91 -0.05	73.17 3.48 0.00	64.57 2.72 0.00	53.21 2.00 0.00
MALONE___115KV_TB1 356076	38.51 -0.83 0.00	33.42 -0.61 0.00	30.59 -0.62 0.00	29.49 -0.57 0.00	28.58 -0.46 0.00	28.26 -0.52 0.00	28.26 -0.58 0.00	28.10 -0.52 0.00	30.76 -0.34 0.00	35.37 -0.14 0.00	38.45 -0.15 0.00	45.44 -0.14 0.00	48.06 -0.44 0.00	51.57 -0.79 0.00	55.69 -1.43 0.00	60.44 -1.74 0.00	70.27 -2.32 0.00	79.24 -3.30 0.00	86.77 -3.90 0.00	86.48 -3.42 0.00	80.54 -1.55 -0.27	69.36 -0.35 -0.03	62.28 0.43 0.00	51.57 0.36 0.00
MAPLEWOD_115KV_TB3 80458	40.59 1.26 0.00	35.29 1.26 0.00	32.49 1.28 0.00	31.29 1.23 0.00	30.30 1.25 0.00	30.01 1.24 0.00	30.10 1.27 0.00	29.79 1.17 0.00	32.35 1.24 0.00	36.65 1.14 0.00	39.53 0.93 0.00	46.58 1.00 0.00	49.56 1.07 0.00	53.56 1.20 0.00	58.61 1.49 0.00	63.92 1.74 0.00	75.06 2.47 0.00	86.17 3.63 0.00	94.56 3.90 0.00	93.67 3.78 0.00	84.69 2.86 0.00	71.70 2.02 0.00	62.96 1.11 0.00	52.28 1.08 0.00
MAPLE_RIDGE_WT_1 323574	38.47 -0.87 0.00	33.32 -0.72 0.00	30.56 -0.66 0.00	29.43 -0.63 0.00	28.47 -0.58 0.00	28.20 -0.58 0.00	28.26 -0.58 0.00	28.10 -0.51 0.00	30.60 -0.50 0.00	35.01 -0.50 0.00	38.10 -0.50 0.00	44.94 -0.64 0.00	47.77 -0.73 0.00	51.52 -0.84 0.00	56.10 -1.03 0.00	61.12 -1.06 0.00	71.29 -1.30 0.00	80.97 -1.57 0.00	89.04 -1.63 0.00	88.45 -1.44 0.00	80.60 -1.23 0.00	68.85 -0.83 0.00	61.17 -0.68 0.00	50.60 -0.61 0.00
MAPLE_RIDGE_WT_2 323611	38.47 -0.87 0.00	33.32 -0.72 0.00	30.56 -0.66 0.00	29.43 -0.63 0.00	28.47 -0.58 0.00	28.20 -0.58 0.00	28.26 -0.58 0.00	28.10 -0.51 0.00	30.60 -0.50 0.00	35.01 -0.50 0.00	38.10 -0.50 0.00	44.94 -0.64 0.00	47.77 -0.73 0.00	51.52 -0.84 0.00	56.10 -1.03 0.00	61.12 -1.06 0.00	71.29 -1.30 0.00	80.97 -1.57 0.00	89.04 -1.63 0.00	88.45 -1.44 0.00	80.60 -1.23 0.00	68.85 -0.83 0.00	61.17 -0.68 0.00	50.60 -0.61 0.00
MARBLE_RIVER_WT_PWR 323696	37.99 -1.34 0.00	32.94 -1.09 0.00	30.18 -1.03 0.00	29.13 -0.93 0.00	28.23 -0.81 0.00	27.94 -0.84 0.00	27.94 -0.89 0.00	27.79 -0.83 0.00	30.33 -0.78 0.00	34.83 -0.68 0.00	37.87 -0.73 0.00	44.66 -0.91 0.00	47.09 -1.41 0.00	50.21 -2.15 0.00	54.27 -2.85 0.00	59.07 -3.11 0.00	68.46 -4.13 0.00	77.01 -5.53 0.00	84.50 -6.17 0.00	84.41 -5.49 0.00	77.65 -4.17 0.00	67.66 -2.02 0.00	60.80 -1.05 0.00	50.54 -0.67 0.00
MARSHVLE_115KV_TB1 80742	42.56 3.23 0.00	36.72 2.69 0.00	33.59 2.37 0.00	32.28 2.22 0.00	31.23 2.18 0.00	30.96 2.19 0.00	30.82 1.99 0.00	30.22 1.60 0.00	32.75 1.65 0.00	37.07 1.56 0.00	40.26 1.66 0.00	47.49 1.91 0.00	50.48 1.99 0.00	54.76 2.41 0.00	59.86 2.74 0.00	65.35 3.17 0.00	76.95 4.36 0.00	88.89 6.36 0.00	99.37 8.70 0.00	100.41 10.52 0.00	91.80 9.98 0.00	77.41 7.73 0.00	67.85 6.00 0.00	55.87 4.66 0.00
MARSH_HILL_WT_PWR 323713	40.43 1.10 0.00	34.47 0.44 0.00	31.43 0.22 0.00	30.15 0.09 0.00	28.84 -0.20 0.00	28.26 -0.52 0.00	28.43 -0.40 0.00	28.07 -0.54 0.00	30.60 -0.50 0.00	34.98 -0.53 0.00	37.94 -0.66 0.00	44.98 -0.59 0.00	48.01 -0.48 0.00	51.73 -0.63 0.00	56.03 -1.09 0.00	61.18 -1.00 0.00	72.30 -0.29 0.00	83.20 0.66 0.00	93.75 3.08 0.00	94.21 4.31 0.00	86.07 4.25 0.00	71.77 2.09 0.00	63.64 1.79 0.00	52.13 0.92 0.00
MCINTYRE_115KV_TB2 80467	39.41 0.08 0.00	34.17 0.14 0.00	31.25 0.03 0.00	30.12 0.06 0.00	29.22 0.17 0.00	28.86 0.09 0.00	28.78 -0.06 0.00	28.50 -0.11 0.00	31.04 -0.06 0.00	35.55 0.04 0.00	38.72 0.12 0.00	45.80 0.23 0.00	48.64 0.15 0.00	52.30 -0.05 0.00	56.66 -0.46 0.00	61.68 -0.50 0.00	71.79 -0.80 0.00	81.14 -1.40 0.00	88.58 -2.09 0.00	88.64 -1.26 0.00	83.83 1.06 -0.95	71.52 1.74 -0.10	64.07 2.23 0.00	52.80 1.59 0.00
MECO_____69_KV_BK1 80468	42.91 3.58 0.00	37.03 2.99 0.00	33.84 2.62 0.00	32.52 2.46 0.00	31.49 2.44 0.00	31.22 2.45 0.00	31.17 2.34 0.00	30.71 2.09 0.00	33.37 2.27 0.00	37.78 2.27 0.00	40.96 2.35 0.00	48.40 2.83 0.00	51.40 2.91 0.00	55.81 3.46 0.00	61.12 4.00 0.00	66.78 4.60 0.00	78.62 6.03 0.00	90.96 8.42 0.00	101.45 10.79 0.00	101.94 12.05 0.00	92.87 11.05 0.00	78.32 8.64 0.00	68.53 6.68 0.00	56.48 5.27 0.00
MENANDS___115KV_TB5 355628	40.35 1.02 0.00	35.12 1.09 0.00	32.40 1.19 0.00	31.17 1.11 0.00	30.18 1.13 0.00	29.90 1.12 0.00	29.99 1.15 0.00	29.70 1.09 0.00	32.22 1.12 0.00	36.50 0.99 0.00	39.33 0.73 0.00	46.35 0.77 0.00	49.27 0.78 0.00	53.19 0.84 0.00	58.21 1.09 0.00	63.43 1.24 0.00	74.48 1.89 0.00	85.51 2.97 0.00	93.75 3.08 0.00	92.77 2.88 0.00	83.87 2.05 0.00	71.00 1.32 0.00	62.40 0.56 0.00	51.82 0.61 0.00
MG INDUSTRY___DRP 24185	40.43 1.10 0.00	35.16 1.12 0.00	32.37 1.15 0.00	31.17 1.11 0.00	30.15 1.10 0.00	29.87 1.09 0.00	29.93 1.10 0.00	29.62 1.00 0.00	32.10 1.00 0.00	36.40 0.89 0.00	39.26 0.66 0.00	46.26 0.68 0.00	49.08 0.58 0.00	51.99 -0.37 0.00	56.84 -0.29 0.00	62.00 -0.19 0.00	72.66 0.07 0.00	83.36 0.83 0.00	91.48 0.82 0.00	90.70 0.81 0.00	82.15 0.33 0.00	69.68 0.00 0.00	61.35 -0.49 0.00	50.95 -0.26 0.00

MID___OSWEGATCHIE_HYD 23849	39.33 0.00 0.00	34.03 0.00 0.00	31.12 -0.09 0.00	29.97 -0.09 0.00	29.05 0.00 0.00	28.75 -0.03 0.00	28.66 -0.17 0.00	28.42 -0.20 0.00	30.95 -0.16 0.00	35.37 -0.14 0.00	38.48 -0.12 0.00	45.62 0.05 0.00	48.45 -0.05 0.00	52.20 -0.16 0.00	56.78 -0.34 0.00	61.75 -0.44 0.00	72.30 -0.29 0.00	82.29 -0.25 0.00	91.75 1.09 0.00	91.51 1.62 0.00	85.01 2.62 -0.57	72.18 2.44 -0.06	64.14 2.29 0.00	52.74 1.54 0.00
MID___RAQUETTE_HYD 23851	38.90 -0.43 0.00	33.73 -0.31 0.00	30.87 -0.34 0.00	29.76 -0.30 0.00	28.81 -0.23 0.00	28.49 -0.29 0.00	28.46 -0.37 0.00	28.24 -0.37 0.00	30.82 -0.28 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.67 0.09 0.00	48.49 0.00 0.00	52.09 -0.26 0.00	56.44 -0.69 0.00	61.37 -0.81 0.00	71.36 -1.23 0.00	80.48 -2.06 0.00	87.67 -2.99 0.00	87.29 -2.61 0.00	82.25 -0.41 -0.84	70.32 0.56 -0.09	63.02 1.18 0.00	51.98 0.77 0.00
MILLIKEN___1 23584	40.55 1.22 0.00	34.92 0.88 0.00	31.90 0.69 0.00	30.72 0.66 0.00	29.57 0.52 0.00	29.27 0.49 0.00	29.32 0.49 0.00	29.13 0.52 0.00	31.69 0.59 0.00	36.01 0.50 0.00	39.18 0.58 0.00	46.39 0.82 0.00	49.46 0.97 0.00	53.51 1.15 0.00	58.44 1.31 0.00	63.67 1.49 0.00	74.99 2.40 0.00	85.84 3.30 0.00	95.65 4.99 0.00	95.20 5.30 0.00	86.40 4.58 0.00	72.81 3.14 0.00	64.14 2.29 0.00	52.85 1.64 0.00
MILLIKEN___2 23585	40.55 1.22 0.00	34.92 0.88 0.00	31.90 0.69 0.00	30.72 0.66 0.00	29.57 0.52 0.00	29.27 0.49 0.00	29.32 0.49 0.00	29.13 0.52 0.00	31.69 0.59 0.00	36.01 0.50 0.00	39.18 0.58 0.00	46.39 0.82 0.00	49.46 0.97 0.00	53.51 1.15 0.00	58.44 1.31 0.00	63.67 1.49 0.00	74.99 2.40 0.00	85.84 3.30 0.00	95.65 4.99 0.00	95.20 5.30 0.00	86.40 4.58 0.00	72.81 3.14 0.00	64.14 2.29 0.00	52.85 1.64 0.00
MILLIKEN___DIESEL 23629	40.55 1.22 0.00	34.92 0.88 0.00	31.90 0.69 0.00	30.72 0.66 0.00	29.57 0.52 0.00	29.27 0.49 0.00	29.32 0.49 0.00	29.13 0.52 0.00	31.69 0.59 0.00	36.01 0.50 0.00	39.18 0.58 0.00	46.39 0.82 0.00	49.46 0.97 0.00	53.51 1.15 0.00	58.44 1.31 0.00	63.67 1.49 0.00	74.99 2.40 0.00	85.84 3.30 0.00	95.65 4.99 0.00	95.20 5.30 0.00	86.40 4.58 0.00	72.81 3.14 0.00	64.14 2.29 0.00	52.85 1.64 0.00
MILLSEAT___LFGE 323607	41.18 1.85 0.00	34.99 0.95 0.00	31.78 0.56 0.00	30.81 0.75 0.00	29.28 0.23 0.00	28.80 0.03 0.00	28.83 0.00 0.00	28.50 -0.11 0.00	31.16 0.06 0.00	35.55 0.04 0.00	38.60 0.00 0.00	45.76 0.18 0.00	48.93 0.44 0.00	52.41 0.05 0.00	57.35 0.23 0.00	62.62 0.44 0.00	73.68 1.09 0.00	84.44 1.90 0.00	95.11 4.44 0.00	95.02 5.12 0.00	86.07 4.25 0.00	71.70 2.02 0.00	64.26 2.41 0.00	52.80 1.59 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.65 2.32 0.00	36.11 2.08 0.00	33.06 1.84 0.00	31.80 1.74 0.00	30.79 1.74 0.00	30.59 1.81 0.00	30.71 1.87 0.00	30.50 1.89 0.00	33.19 2.08 0.00	37.57 2.06 0.00	40.76 2.16 0.00	48.03 2.46 0.00	51.16 2.67 0.00	55.29 2.93 0.00	60.49 3.37 0.00	65.60 3.42 0.00	77.31 4.72 0.00	88.81 6.27 0.00	97.37 6.71 0.00	96.01 6.11 0.00	86.57 4.75 0.00	72.74 3.07 0.00	63.83 1.98 0.00	53.26 2.05 0.00
MILLWOOD_13_KV_LOAD 356217	41.77 2.44 0.00	36.18 2.14 0.00	33.15 1.94 0.00	31.89 1.83 0.00	30.88 1.83 0.00	30.65 1.87 0.00	30.77 1.93 0.00	30.56 1.95 0.00	33.25 2.15 0.00	37.64 2.13 0.00	40.88 2.28 0.00	48.17 2.60 0.00	51.31 2.81 0.00	55.50 3.14 0.00	60.72 3.60 0.00	65.91 3.73 0.00	77.67 5.08 0.00	89.23 6.69 0.00	97.92 7.25 0.00	96.46 6.56 0.00	86.98 5.15 0.00	73.02 3.34 0.00	64.14 2.29 0.00	53.46 2.25 0.00
MODEL_CITY_ENERGY 24167	39.92 0.59 0.00	33.93 -0.10 0.00	30.71 -0.50 0.00	30.00 -0.06 0.00	28.32 -0.73 0.00	28.03 -0.75 0.00	27.97 -0.86 0.00	27.67 -0.94 0.00	30.20 -0.90 0.00	34.48 -1.03 0.00	37.29 -1.31 0.00	44.16 -1.41 0.00	47.23 -1.26 0.00	50.52 -1.83 0.00	55.18 -1.94 0.00	60.19 -1.99 0.00	70.70 -1.89 0.00	80.80 -1.74 0.00	90.94 0.27 0.00	90.61 0.72 0.00	82.07 0.25 0.00	68.29 -1.39 0.00	61.48 -0.37 0.00	50.75 -0.46 0.00
MODERN_LFGE___ 323580	39.92 0.59 0.00	33.93 -0.10 0.00	30.71 -0.50 0.00	30.00 -0.06 0.00	28.32 -0.73 0.00	28.03 -0.75 0.00	27.97 -0.86 0.00	27.67 -0.94 0.00	30.20 -0.90 0.00	34.48 -1.03 0.00	37.29 -1.31 0.00	44.16 -1.41 0.00	47.23 -1.26 0.00	50.52 -1.83 0.00	55.18 -1.94 0.00	60.19 -1.99 0.00	70.70 -1.89 0.00	80.80 -1.74 0.00	90.94 0.27 0.00	90.61 0.72 0.00	82.07 0.25 0.00	68.29 -1.39 0.00	61.48 -0.37 0.00	50.75 -0.46 0.00
MOHAWK_PAPER___DRP 24187	40.59 1.26 0.00	35.29 1.26 0.00	32.49 1.28 0.00	31.29 1.23 0.00	30.30 1.25 0.00	30.01 1.24 0.00	30.10 1.27 0.00	29.79 1.17 0.00	32.35 1.24 0.00	36.65 1.14 0.00	39.53 0.93 0.00	46.58 1.00 0.00	49.56 1.07 0.00	53.56 1.20 0.00	58.61 1.49 0.00	63.92 1.74 0.00	75.06 2.47 0.00	86.17 3.63 0.00	94.56 3.90 0.00	93.67 3.78 0.00	84.69 2.86 0.00	71.70 2.02 0.00	62.96 1.11 0.00	52.28 1.08 0.00
MOHICAN___35_KV_115KV_LD 80490	41.34 2.01 0.00	35.77 1.74 0.00	32.74 1.53 0.00	31.47 1.41 0.00	30.50 1.45 0.00	30.21 1.44 0.00	30.31 1.47 0.00	29.99 1.37 0.00	32.66 1.56 0.00	37.04 1.53 0.00	39.91 1.31 0.00	47.12 1.55 0.00	50.00 1.50 0.00	54.19 1.83 0.00	59.41 2.28 0.00	64.92 2.74 0.00	76.29 3.70 0.00	87.99 5.45 0.00	97.65 6.98 0.00	97.18 7.28 0.00	88.29 6.46 0.00	74.56 4.88 0.00	65.25 3.40 0.00	53.92 2.71 0.00
MONGAUP___HYD 23641	41.45 2.12 0.00	35.87 1.84 0.00	32.90 1.68 0.00	31.65 1.59 0.00	30.59 1.54 0.00	30.39 1.61 0.00	30.45 1.61 0.00	30.22 1.60 0.00	32.78 1.68 0.00	37.11 1.60 0.00	40.22 1.62 0.00	47.35 1.78 0.00	50.48 1.99 0.00	54.71 2.36 0.00	59.81 2.69 0.00	65.11 2.92 0.00	76.87 4.28 0.00	88.07 5.53 0.00	97.01 6.34 0.00	96.01 6.12 0.00	87.06 5.24 0.00	72.89 3.21 0.00	64.38 2.54 0.00	53.41 2.20 0.00
MONTAUK___DIESEL 23721	43.07 3.74 0.00	36.89 2.86 0.00	33.49 2.28 0.00	32.13 2.07 0.00	30.99 1.95 0.00	30.70 1.93 0.00	30.22 1.38 0.00	30.25 1.63 0.00	33.53 2.43 0.00	38.21 2.70 0.00	45.84 3.90 -3.34	50.50 4.79 -0.14	53.19 4.70 0.00	56.41 4.19 0.13	61.96 5.31 0.47	67.70 5.91 0.39	79.63 7.04 0.00	92.53 9.99 0.00	101.45 10.79 0.00	98.34 8.45 0.00	86.22 5.48 1.09	72.85 4.04 0.87	57.27 2.66 7.24	53.21 2.00 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.92 0.59 0.00	33.76 -0.27 0.00	30.53 -0.69 0.00	29.37 -0.69 0.00	27.88 -1.16 0.00	27.57 -1.21 0.00	27.71 -1.12 0.00	27.73 -0.89 0.00	30.48 -0.62 0.00	35.01 -0.50 0.00	38.18 -0.42 0.00	45.39 -0.18 0.00	48.49 0.00 0.00	52.04 -0.31 0.00	56.49 -0.63 0.00	62.00 -0.19 0.00	73.17 0.58 0.00	84.27 1.73 0.00	95.02 4.35 0.00	95.02 5.12 0.00	85.50 3.68 0.00	71.56 1.88 0.00	63.52 1.67 0.00	51.82 0.61 0.00

MORRIS_RIDGE___SOLAR 323848	40.12 0.79 0.00	34.20 0.17 0.00	31.21 0.00 0.00	29.97 -0.09 0.00	28.70 -0.35 0.00	28.06 -0.72 0.00	28.23 -0.61 0.00	27.76 -0.86 0.00	30.20 -0.90 0.00	34.55 -0.96 0.00	37.44 -1.16 0.00	44.35 -1.23 0.00	47.43 -1.07 0.00	50.94 -1.41 0.00	55.35 -1.77 0.00	60.38 -1.81 0.00	71.21 -1.38 0.00	81.80 -0.74 0.00	92.11 1.45 0.00	92.59 2.69 0.00	84.52 2.70 0.00	70.52 0.84 0.00	62.83 0.99 0.00	51.62 0.41 0.00
MORTIMER_115KV_TB3 55949	40.43 1.10 0.00	34.54 0.51 0.00	31.50 0.28 0.00	30.36 0.30 0.00	29.02 -0.03 0.00	28.69 -0.09 0.00	28.72 -0.12 0.00	28.53 -0.09 0.00	31.13 0.03 0.00	35.58 0.07 0.00	38.87 0.27 0.00	46.08 0.50 0.00	49.22 0.73 0.00	53.04 0.68 0.00	58.04 0.91 0.00	63.24 1.06 0.00	74.26 1.67 0.00	84.85 2.31 0.00	94.65 3.99 0.00	94.21 4.31 0.00	85.26 3.44 0.00	71.63 1.95 0.00	63.64 1.79 0.00	52.33 1.13 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.01 2.67 0.00	36.38 2.35 0.00	33.27 2.06 0.00	32.01 1.95 0.00	31.02 1.98 0.00	30.79 2.01 0.00	30.94 2.10 0.00	30.79 2.17 0.00	33.50 2.39 0.00	37.89 2.38 0.00	41.19 2.59 0.00	48.49 2.92 0.00	51.65 3.15 0.00	55.76 3.40 0.00	61.01 3.88 0.00	66.10 3.92 0.00	77.82 5.23 0.00	89.39 6.85 0.00	98.01 7.34 0.00	96.64 6.74 0.00	87.06 5.24 0.00	73.09 3.41 0.00	64.14 2.29 0.00	53.67 2.46 0.00
MUNSVILLE_WIND_PWR 323609	42.56 3.23 0.00	36.59 2.55 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.11 2.06 0.00	30.76 1.98 0.00	30.74 1.90 0.00	30.45 1.83 0.00	33.12 2.02 0.00	37.57 2.06 0.00	40.72 2.12 0.00	48.49 2.92 0.00	51.74 3.25 0.00	56.23 3.87 0.00	61.35 4.23 0.00	67.04 4.85 0.00	79.63 7.04 0.00	91.78 9.24 0.00	104.08 13.42 0.00	103.65 13.75 0.00	94.09 12.27 0.00	78.32 8.64 0.00	68.77 6.93 0.00	56.17 4.97 0.00
N SALMON___HYD 24042	38.50 -0.83 0.00	33.42 -0.61 0.00	30.56 -0.66 0.00	29.49 -0.57 0.00	28.58 -0.47 0.00	28.26 -0.52 0.00	28.26 -0.58 0.00	28.10 -0.51 0.00	30.76 -0.34 0.00	35.33 -0.18 0.00	38.45 -0.15 0.00	45.44 -0.14 0.00	48.06 -0.44 0.00	51.36 -1.00 0.00	55.58 -1.54 0.00	60.44 -1.74 0.00	70.27 -2.33 0.00	79.08 -3.46 0.00	86.77 -3.90 0.00	86.48 -3.42 0.00	79.80 -2.29 0.00	69.43 -0.28 0.00	62.28 0.44 0.00	51.57 0.36 0.00
N.AKRON__115KV_KNAPP 355671	41.18 1.85 0.00	34.99 0.95 0.00	31.59 0.37 0.00	30.72 0.66 0.00	28.96 -0.09 0.00	28.83 0.06 0.00	28.78 -0.06 0.00	28.47 -0.14 0.00	30.95 -0.16 0.00	35.40 -0.11 0.00	38.60 0.00 0.00	45.80 0.23 0.00	48.98 0.48 0.00	52.46 0.10 0.00	57.41 0.29 0.00	62.68 0.50 0.00	73.68 1.09 0.00	84.44 1.90 0.00	95.20 4.53 0.00	95.02 5.12 0.00	85.75 3.93 0.00	71.77 2.09 0.00	64.01 2.16 0.00	52.59 1.38 0.00
N.E_GEN_SANDY PD 24062	40.98 1.65 0.00	35.60 1.57 0.00	32.65 1.44 0.00	31.47 1.41 0.00	30.44 1.39 0.00	30.30 1.52 0.00	30.33 1.50 0.00	30.10 1.49 0.00	32.56 1.46 0.00	36.82 1.31 0.00	39.87 1.27 0.00	46.94 1.37 0.00	50.00 1.51 0.00	54.08 1.73 0.00	59.17 2.05 0.00	64.42 2.24 0.00	75.78 3.19 0.00	87.32 4.79 0.00	95.47 4.80 0.00	94.21 4.31 0.00	85.10 3.28 0.00	71.70 2.02 0.00	62.90 1.05 0.00	52.33 1.13 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.61 2.28 0.00	36.08 2.04 0.00	33.02 1.81 0.00	31.77 1.71 0.00	30.76 1.71 0.00	30.56 1.78 0.00	30.68 1.85 0.00	30.48 1.86 0.00	33.12 2.02 0.00	37.50 1.99 0.00	40.72 2.12 0.00	47.94 2.37 0.00	51.07 2.57 0.00	55.29 2.93 0.00	60.43 3.31 0.00	65.60 3.42 0.00	77.31 4.72 0.00	88.73 6.19 0.00	97.37 6.71 0.00	96.01 6.11 0.00	86.49 4.66 0.00	72.74 3.07 0.00	63.83 1.98 0.00	53.21 2.00 0.00
N.QUEENS_27_KV_LOAD 356247	42.52 3.19 0.00	36.79 2.76 0.00	33.63 2.40 -0.01	32.32 2.25 -0.01	31.38 2.32 -0.01	31.14 2.36 -0.01	31.32 2.48 -0.01	31.17 2.55 -0.01	33.78 2.67 0.00	38.17 2.66 0.00	41.58 2.97 -0.01	48.99 3.42 0.00	52.08 3.59 0.00	56.13 3.77 -0.01	61.36 4.23 -0.01	66.23 4.04 -0.01	77.90 5.30 -0.01	89.48 6.93 -0.01	98.20 7.53 -0.01	96.83 6.92 -0.01	87.15 5.32 -0.01	73.10 3.41 -0.01	64.14 2.29 -0.01	53.93 2.71 -0.01
N.TROY___115KV_TB1 355778	40.91 1.57 0.00	35.50 1.46 0.00	32.62 1.40 0.00	31.38 1.32 0.00	30.38 1.34 0.00	30.10 1.32 0.00	30.22 1.38 0.00	29.93 1.32 0.00	32.44 1.34 0.00	36.75 1.24 0.00	39.72 1.12 0.00	46.80 1.23 0.00	49.85 1.36 0.00	53.87 1.52 0.00	59.01 1.89 0.00	64.36 2.18 0.00	75.64 3.05 0.00	87.00 4.46 0.00	95.47 4.81 0.00	94.48 4.58 0.00	85.42 3.60 0.00	72.33 2.65 0.00	63.52 1.67 0.00	52.69 1.49 0.00
NARROWS_GT1_1 24228	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT1_2 24229	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT1_3 24230	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT1_4 24231	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT1_5 24232	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00

NARROWS_GT1_6 24233	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT1_7 24234	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT1_8 24235	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT2_1 24236	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT2_2 24237	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT2_3 24238	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT2_4 24239	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT2_5 24240	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT2_6 24241	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT2_7 24242	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NARROWS_GT2_8 24243	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.81 3.45 0.00	61.06 3.94 0.00	65.92 3.73 0.00	77.88 5.30 0.01	89.47 6.93 0.01	98.09 7.44 0.01	96.81 6.92 0.01	87.46 5.64 0.01	73.08 3.41 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.98 1.65 0.00	35.63 1.60 0.00	32.87 1.65 0.00	31.62 1.56 0.00	30.59 1.54 0.00	30.27 1.50 0.00	30.31 1.47 0.00	29.90 1.29 0.00	32.41 1.31 0.00	36.68 1.17 0.00	39.37 0.77 0.00	46.35 0.77 0.00	49.17 0.68 0.00	53.04 0.68 0.00	58.15 1.03 0.00	63.67 1.49 0.00	74.99 2.40 0.00	86.50 3.96 0.00	95.38 4.71 0.00	94.66 4.76 0.00	85.75 3.93 0.00	72.47 2.79 0.00	63.70 1.86 0.00	52.64 1.43 0.00
NCHELSEA_115KV_TR2 355582	41.73 2.40 0.00	36.14 2.11 0.00	33.12 1.90 0.00	31.86 1.80 0.00	30.85 1.80 0.00	30.62 1.84 0.00	30.74 1.90 0.00	30.48 1.86 0.00	33.16 2.05 0.00	37.53 2.02 0.00	40.80 2.20 0.00	48.08 2.51 0.00	51.31 2.81 0.00	55.60 3.25 0.00	60.83 3.71 0.00	66.10 3.92 0.00	77.96 5.37 0.00	89.56 7.02 0.00	98.37 7.71 0.00	97.00 7.10 0.00	87.47 5.65 0.00	73.44 3.76 0.00	64.51 2.66 0.00	53.62 2.41 0.00
NEG CAPITAL___MECHNVIL 23645	41.49 2.16 0.00	35.94 1.90 0.00	32.90 1.68 0.00	31.65 1.59 0.00	30.61 1.57 0.00	30.39 1.61 0.00	30.45 1.61 0.00	30.16 1.54 0.00	32.75 1.65 0.00	37.14 1.63 0.00	40.22 1.62 0.00	47.49 1.91 0.00	50.48 1.99 0.00	54.71 2.36 0.00	59.98 2.85 0.00	65.48 3.29 0.00	76.87 4.28 0.00	88.56 6.02 0.00	97.55 6.89 0.00	96.91 7.02 0.00	87.88 6.05 0.00	74.14 4.46 0.00	65.00 3.15 0.00	53.82 2.61 0.00
NEG CENTRAL_HIGH_ACRES 23767	39.69 0.35 0.00	33.97 -0.07 0.00	31.12 -0.09 0.00	29.91 -0.15 0.00	28.76 -0.29 0.00	28.23 -0.55 0.00	28.43 -0.40 0.00	28.16 -0.46 0.00	30.82 -0.28 0.00	35.19 -0.32 0.00	38.37 -0.23 0.00	45.48 -0.09 0.00	48.59 0.10 0.00	52.41 0.05 0.00	57.35 0.23 0.00	62.49 0.31 0.00	73.39 0.80 0.00	83.78 1.24 0.00	93.48 2.81 0.00	92.86 2.96 0.00	84.27 2.45 0.00	70.65 0.98 0.00	62.83 0.99 0.00	51.67 0.46 0.00

NEG CENTRAL___DRP 24199	40.28 0.94 0.00	34.58 0.54 0.00	31.56 0.34 0.00	30.39 0.33 0.00	29.19 0.15 0.00	28.86 0.09 0.00	28.92 0.09 0.00	28.73 0.11 0.00	31.32 0.22 0.00	35.65 0.14 0.00	38.87 0.27 0.00	46.08 0.50 0.00	49.17 0.68 0.00	53.14 0.79 0.00	57.92 0.80 0.00	63.11 0.93 0.00	74.33 1.74 0.00	85.02 2.48 0.00	94.38 3.72 0.00	93.94 4.05 0.00	85.42 3.60 0.00	71.98 2.30 0.00	63.52 1.67 0.00	52.39 1.18 0.00
NEG CENTRAL___INDECK 23768	41.97 2.64 0.00	35.77 1.73 0.00	32.68 1.47 0.00	31.35 1.29 0.00	30.06 1.02 0.00	29.44 0.66 0.00	29.53 0.69 0.00	28.96 0.34 0.00	31.38 0.28 0.00	35.65 0.14 0.00	38.56 -0.04 0.00	45.62 0.05 0.00	48.84 0.34 0.00	52.67 0.32 0.00	55.70 -1.43 0.00	60.81 -1.37 0.00	72.01 -0.58 0.00	82.95 0.41 0.00	94.20 3.53 0.00	95.20 5.30 0.00	86.98 5.16 0.00	72.82 3.14 0.00	64.57 2.72 0.00	52.90 1.69 0.00
NEG CENTRAL___SENECA 23627	40.63 1.30 0.00	34.82 0.78 0.00	31.74 0.53 0.00	30.54 0.48 0.00	29.28 0.23 0.00	28.95 0.17 0.00	29.04 0.20 0.00	28.85 0.23 0.00	31.41 0.31 0.00	35.79 0.28 0.00	39.03 0.42 0.00	46.26 0.68 0.00	49.42 0.92 0.00	53.40 1.05 0.00	58.09 0.97 0.00	63.36 1.18 0.00	74.70 2.11 0.00	85.51 2.97 0.00	94.84 4.17 0.00	94.57 4.67 0.00	86.16 4.34 0.00	72.60 2.93 0.00	64.01 2.16 0.00	52.80 1.59 0.00
NEG CENTRAL___STATE_STREET 24147	40.04 0.71 0.00	34.48 0.44 0.00	31.50 0.28 0.00	30.30 0.24 0.00	29.16 0.12 0.00	28.86 0.09 0.00	28.92 0.09 0.00	28.73 0.11 0.00	31.32 0.22 0.00	35.69 0.18 0.00	38.91 0.31 0.00	46.08 0.50 0.00	49.17 0.68 0.00	53.19 0.84 0.00	58.09 0.97 0.00	63.24 1.06 0.00	74.41 1.81 0.00	85.02 2.48 0.00	94.38 3.72 0.00	93.94 4.05 0.00	85.18 3.35 0.00	71.84 2.16 0.00	63.33 1.48 0.00	52.18 0.97 0.00
NEG MILLWOOD___DRP 24198	41.93 2.60 0.00	36.28 2.25 0.00	33.24 2.03 0.00	32.01 1.95 0.00	30.96 1.92 0.00	30.73 1.96 0.00	30.82 1.99 0.00	30.59 1.97 0.00	33.34 2.24 0.00	37.75 2.24 0.00	41.03 2.43 0.00	48.45 2.87 0.00	51.65 3.15 0.00	56.02 3.66 0.00	61.29 4.17 0.00	66.66 4.48 0.00	78.62 6.03 0.00	90.30 7.76 0.00	99.19 8.52 0.00	97.72 7.82 0.00	88.04 6.22 0.00	73.86 4.18 0.00	64.82 2.97 0.00	53.92 2.71 0.00
NEG NORTH_FLCN_SEA 23793	38.35 -0.98 0.00	33.25 -0.78 0.00	30.47 -0.75 0.00	29.40 -0.66 0.00	28.49 -0.55 0.00	28.17 -0.60 0.00	28.20 -0.63 0.00	28.02 -0.60 0.00	30.64 -0.47 0.00	35.19 -0.32 0.00	38.25 -0.35 0.00	45.12 -0.46 0.00	47.23 -1.26 0.00	50.42 -1.94 0.00	53.92 -3.20 0.00	58.20 -3.98 0.00	67.51 -5.08 0.00	76.02 -6.52 0.00	83.32 -7.34 0.00	83.24 -6.65 0.00	77.24 -4.58 0.00	66.75 -2.93 0.00	60.05 -1.79 0.00	50.18 -1.02 0.00
NEG NORTH_KES_CHATEGAY 23792	37.96 -1.38 0.00	32.94 -1.09 0.00	30.18 -1.03 0.00	29.13 -0.93 0.00	28.20 -0.84 0.00	27.91 -0.86 0.00	27.91 -0.92 0.00	27.73 -0.89 0.00	30.26 -0.84 0.00	34.80 -0.71 0.00	37.83 -0.77 0.00	44.57 -1.00 0.00	47.04 -1.45 0.00	50.47 -1.88 0.00	54.55 -2.57 0.00	59.20 -2.98 0.00	68.60 -3.99 0.00	77.26 -5.28 0.00	84.68 -5.98 0.00	84.59 -5.30 0.00	78.54 -3.35 -0.08	67.87 -1.81 -0.01	61.04 -0.80 0.00	50.70 -0.51 0.00
NEG NORTH___ALICE_FALLS 23915	38.47 -0.87 0.00	33.35 -0.68 0.00	30.56 -0.66 0.00	29.46 -0.60 0.00	28.55 -0.49 0.00	28.23 -0.55 0.00	28.26 -0.58 0.00	28.07 -0.54 0.00	30.73 -0.37 0.00	35.30 -0.21 0.00	38.37 -0.23 0.00	45.25 -0.32 0.00	47.57 -0.92 0.00	50.89 -1.47 0.00	54.61 -2.51 0.00	59.14 -3.05 0.00	68.67 -3.92 0.00	77.34 -5.20 0.00	84.95 -5.71 0.00	84.77 -5.12 0.00	78.63 -3.19 0.00	67.94 -1.74 0.00	61.04 -0.80 0.00	50.85 -0.36 0.00
NEG NORTH___LWR_SARANAC 23913	38.47 -0.87 0.00	33.35 -0.68 0.00	30.56 -0.66 0.00	29.46 -0.60 0.00	28.55 -0.49 0.00	28.23 -0.55 0.00	28.26 -0.58 0.00	28.07 -0.54 0.00	30.73 -0.37 0.00	35.30 -0.21 0.00	38.37 -0.23 0.00	45.25 -0.32 0.00	47.57 -0.92 0.00	50.89 -1.47 0.00	54.61 -2.51 0.00	59.14 -3.05 0.00	68.67 -3.92 0.00	77.34 -5.20 0.00	84.95 -5.71 0.00	84.77 -5.12 0.00	78.63 -3.19 0.00	67.94 -1.74 0.00	61.04 -0.80 0.00	50.85 -0.36 0.00
NEG NORTH___PLATTSBURG 23628	38.47 -0.87 0.00	33.35 -0.68 0.00	30.53 -0.69 0.00	29.46 -0.60 0.00	28.55 -0.49 0.00	28.23 -0.55 0.00	28.26 -0.58 0.00	28.07 -0.54 0.00	30.70 -0.41 0.00	35.30 -0.21 0.00	38.37 -0.23 0.00	45.26 -0.32 0.00	47.57 -0.92 0.00	50.42 -1.94 0.00	54.32 -2.80 0.00	59.14 -3.05 0.00	68.67 -3.92 0.00	77.26 -5.28 0.00	84.96 -5.71 0.00	84.86 -5.03 0.00	78.06 -3.76 0.00	67.94 -1.74 0.00	61.04 -0.81 0.00	50.85 -0.36 0.00
NEG WEST_LEA_LOCKPORT 23791	40.12 0.79 0.00	34.10 0.07 0.00	30.78 -0.44 0.00	29.97 -0.09 0.00	28.23 -0.81 0.00	28.11 -0.66 0.00	28.11 -0.72 0.00	27.81 -0.80 0.00	30.20 -0.90 0.00	34.59 -0.92 0.00	37.64 -0.97 0.00	44.62 -0.96 0.00	47.67 -0.82 0.00	50.84 -1.52 0.00	55.52 -1.60 0.00	60.57 -1.62 0.00	71.14 -1.45 0.00	81.30 -1.24 0.00	91.48 0.82 0.00	91.24 1.35 0.00	82.31 0.49 0.00	68.91 -0.77 0.00	61.60 -0.25 0.00	50.80 -0.41 0.00
NEG WEST___LANCASTR 23811	39.14 -0.20 0.00	33.28 -0.75 0.00	30.18 -1.03 0.00	29.16 -0.90 0.00	27.68 -1.37 0.00	27.42 -1.35 0.00	27.54 -1.30 0.00	27.47 -1.14 0.00	29.95 -1.15 0.00	34.27 -1.24 0.00	37.25 -1.35 0.00	44.21 -1.37 0.00	47.28 -1.21 0.00	50.78 -1.57 0.00	55.29 -1.83 0.00	60.44 -1.74 0.00	71.07 -1.52 0.00	81.47 -1.07 0.00	91.48 0.82 0.00	91.33 1.44 0.00	82.31 0.49 0.00	68.98 -0.70 0.00	61.35 -0.49 0.00	50.18 -1.02 0.00
NEG_PENN_ALLEGHNY 23528	40.24 0.91 0.00	34.65 0.61 0.00	31.74 0.53 0.00	30.51 0.45 0.00	29.40 0.35 0.00	29.06 0.29 0.00	29.18 0.35 0.00	28.99 0.37 0.00	31.57 0.47 0.00	35.94 0.43 0.00	38.99 0.39 0.00	46.16 0.59 0.00	49.22 0.73 0.00	53.24 0.89 0.00	58.03 0.91 0.00	63.24 1.06 0.00	74.41 1.82 0.00	85.01 2.47 0.00	94.38 3.72 0.00	93.76 3.86 0.00	85.10 3.28 0.00	71.56 1.88 0.00	63.27 1.42 0.00	52.13 0.92 0.00
NEG___GEN_MONROE 24207	40.51 1.18 0.00	34.61 0.58 0.00	31.59 0.37 0.00	30.48 0.42 0.00	29.05 0.00 0.00	28.75 -0.03 0.00	28.75 -0.09 0.00	28.47 -0.14 0.00	30.98 -0.12 0.00	35.40 -0.11 0.00	38.64 0.04 0.00	45.80 0.23 0.00	48.88 0.39 0.00	52.67 0.31 0.00	57.64 0.51 0.00	62.99 0.81 0.00	74.12 1.52 0.00	84.69 2.15 0.00	94.84 4.17 0.00	94.48 4.58 0.00	85.50 3.68 0.00	71.91 2.23 0.00	63.89 2.04 0.00	52.49 1.28 0.00
NEPA___ENERGY 23901	40.00 0.67 0.00	34.07 0.03 0.00	30.90 -0.31 0.00	29.82 -0.24 0.00	28.32 -0.73 0.00	28.09 -0.69 0.00	28.23 -0.61 0.00	28.07 -0.54 0.00	30.60 -0.50 0.00	35.01 -0.50 0.00	38.02 -0.58 0.00	45.16 -0.41 0.00	48.25 -0.24 0.00	51.83 -0.52 0.00	56.49 -0.63 0.00	61.75 -0.44 0.00	72.74 0.15 0.00	83.36 0.83 0.00	93.57 2.90 0.00	93.40 3.51 0.00	84.19 2.37 0.00	70.51 0.84 0.00	62.71 0.87 0.00	51.41 0.20 0.00

NEVERSINK___HYD 23608	41.26 1.93 0.00	35.70 1.67 0.00	32.71 1.50 0.00	31.44 1.38 0.00	30.41 1.37 0.00	30.21 1.44 0.00	30.28 1.44 0.00	30.07 1.46 0.00	32.69 1.59 0.00	37.07 1.56 0.00	40.26 1.66 0.00	47.44 1.87 0.00	50.63 2.13 0.00	54.97 2.62 0.00	60.09 2.97 0.00	65.35 3.17 0.00	77.09 4.50 0.00	88.65 6.11 0.00	97.65 6.98 0.00	96.45 6.56 0.00	87.30 5.48 0.00	73.09 3.41 0.00	64.14 2.29 0.00	53.20 2.00 0.00
NEWKRMKL_115KV_TB1 55635	40.16 0.83 0.00	34.99 0.95 0.00	32.31 1.09 0.00	31.08 1.02 0.00	30.09 1.05 0.00	29.81 1.04 0.00	29.90 1.07 0.00	29.62 1.00 0.00	32.16 1.06 0.00	36.47 0.96 0.00	39.18 0.58 0.00	46.17 0.59 0.00	49.08 0.58 0.00	52.98 0.63 0.00	57.92 0.80 0.00	63.18 0.99 0.00	74.12 1.52 0.00	85.10 2.56 0.00	93.29 2.63 0.00	92.32 2.43 0.00	83.54 1.72 0.00	70.72 1.05 0.00	62.16 0.31 0.00	51.62 0.41 0.00
NEWTON___FALLS_HYD 23847	39.33 0.00 0.00	34.03 0.00 0.00	31.12 -0.09 0.00	29.97 -0.09 0.00	29.05 0.00 0.00	28.75 -0.03 0.00	28.66 -0.17 0.00	28.42 -0.20 0.00	30.95 -0.16 0.00	35.37 -0.14 0.00	38.48 -0.12 0.00	45.62 0.05 0.00	48.45 -0.05 0.00	52.20 -0.16 0.00	56.78 -0.34 0.00	61.75 -0.44 0.00	72.30 -0.29 0.00	82.29 -0.25 0.00	91.75 1.09 0.00	91.51 1.62 0.00	85.01 2.62 -0.57	72.18 2.44 -0.06	64.14 2.29 0.00	52.74 1.54 0.00
NGRID_A1_DSASP 323792	39.10 -0.23 0.00	33.25 -0.78 0.00	30.96 -0.25 0.00	29.37 -0.69 0.00	28.61 -0.43 0.00	27.45 -1.32 0.00	28.11 -0.72 0.00	27.42 -1.20 0.00	30.01 -1.09 0.00	34.27 -1.24 0.00	37.06 -1.55 0.00	43.89 -1.69 0.00	46.90 -1.60 0.00	50.26 -2.10 0.00	54.89 -2.23 0.00	59.82 -2.36 0.00	70.20 -2.39 0.00	80.14 -2.40 0.00	90.12 -0.54 0.00	89.72 -0.18 0.00	81.25 -0.57 0.00	67.59 -2.09 0.00	61.04 -0.81 0.00	50.39 -0.82 0.00
NGRID_A2_DSASP 323793	39.10 -0.23 0.00	33.25 -0.78 0.00	30.96 -0.25 0.00	29.37 -0.69 0.00	28.61 -0.43 0.00	27.45 -1.32 0.00	28.11 -0.72 0.00	27.42 -1.20 0.00	30.01 -1.09 0.00	34.27 -1.24 0.00	37.06 -1.55 0.00	43.89 -1.69 0.00	46.90 -1.60 0.00	50.26 -2.10 0.00	54.89 -2.23 0.00	59.82 -2.36 0.00	70.20 -2.39 0.00	80.14 -2.40 0.00	90.12 -0.54 0.00	89.72 -0.18 0.00	81.25 -0.57 0.00	67.59 -2.09 0.00	61.04 -0.81 0.00	50.39 -0.82 0.00
NGRID_A4_DSASP 323807	39.10 -0.23 0.00	33.25 -0.78 0.00	30.96 -0.25 0.00	29.37 -0.69 0.00	28.61 -0.43 0.00	27.45 -1.32 0.00	28.11 -0.72 0.00	27.42 -1.20 0.00	30.01 -1.09 0.00	34.27 -1.24 0.00	37.06 -1.55 0.00	43.89 -1.69 0.00	46.90 -1.60 0.00	50.26 -2.10 0.00	54.89 -2.23 0.00	59.82 -2.36 0.00	70.20 -2.39 0.00	80.14 -2.40 0.00	90.12 -0.54 0.00	89.72 -0.18 0.00	81.25 -0.57 0.00	67.59 -2.09 0.00	61.04 -0.81 0.00	50.39 -0.82 0.00
NIAGARA_115E_LBMP 323715	39.81 0.47 0.00	33.83 -0.20 0.00	30.56 -0.66 0.00	29.91 -0.15 0.00	28.18 -0.87 0.00	27.94 -0.84 0.00	27.82 -1.01 0.00	27.53 -1.09 0.00	30.04 -1.06 0.00	34.30 -1.21 0.00	37.09 -1.51 0.00	43.94 -1.64 0.00	46.94 -1.55 0.00	50.26 -2.10 0.00	54.95 -2.17 0.00	59.88 -2.30 0.00	70.34 -2.25 0.00	80.39 -2.15 0.00	90.48 -0.18 0.00	90.17 0.27 0.00	81.58 -0.24 0.00	67.87 -1.81 0.00	61.17 -0.68 0.00	50.49 -0.72 0.00
NIAGARA_115W_LBMP 323714	38.98 -0.35 0.00	33.15 -0.89 0.00	30.93 -0.28 0.00	29.28 -0.78 0.00	28.58 -0.47 0.00	27.37 -1.41 0.00	28.08 -0.75 0.00	27.36 -1.26 0.00	29.95 -1.15 0.00	34.20 -1.31 0.00	36.94 -1.66 0.00	43.75 -1.82 0.00	46.75 -1.74 0.00	50.11 -2.25 0.00	54.78 -2.34 0.00	59.69 -2.49 0.00	69.98 -2.61 0.00	79.98 -2.56 0.00	89.85 -0.82 0.00	89.45 -0.45 0.00	81.00 -0.82 0.00	67.38 -2.30 0.00	60.86 -0.99 0.00	50.23 -0.97 0.00
NIAGARA_230_LBMP 323716	39.53 0.20 0.00	33.66 -0.37 0.00	30.87 -0.34 0.00	29.70 -0.36 0.00	28.49 -0.55 0.00	27.80 -0.98 0.00	28.17 -0.66 0.00	27.76 -0.86 0.00	30.36 -0.75 0.00	34.66 -0.85 0.00	37.44 -1.16 0.00	44.35 -1.23 0.00	47.38 -1.11 0.00	50.83 -1.52 0.00	55.52 -1.60 0.00	60.51 -1.68 0.00	71.06 -1.53 0.00	81.22 -1.32 0.00	91.21 0.55 0.00	90.79 0.90 0.00	82.23 0.41 0.00	68.43 -1.25 0.00	61.66 -0.18 0.00	50.90 -0.31 0.00
NIAGARA___115KV_198_GIBSON 55903	38.98 -0.35 0.00	33.15 -0.88 0.00	30.68 -0.53 0.00	29.16 -0.90 0.00	28.20 -0.84 0.00	27.39 -1.38 0.00	27.48 -1.36 0.00	27.30 -1.32 0.00	29.70 -1.40 0.00	33.98 -1.53 0.00	36.94 -1.66 0.00	43.75 -1.82 0.00	46.75 -1.75 0.00	50.10 -2.25 0.00	54.78 -2.34 0.00	59.69 -2.49 0.00	69.98 -2.61 0.00	79.98 -2.56 0.00	89.85 -0.82 0.00	89.45 -0.45 0.00	80.68 -1.15 0.00	67.45 -2.23 0.00	60.49 -1.36 0.00	49.98 -1.23 0.00
NIAGARA____ 23760	39.53 0.20 0.00	33.66 -0.37 0.00	30.87 -0.34 0.00	29.70 -0.36 0.00	28.49 -0.55 0.00	27.80 -0.98 0.00	28.17 -0.66 0.00	27.76 -0.86 0.00	30.36 -0.75 0.00	34.66 -0.85 0.00	37.44 -1.16 0.00	44.35 -1.23 0.00	47.38 -1.11 0.00	50.83 -1.52 0.00	55.52 -1.60 0.00	60.51 -1.68 0.00	71.06 -1.53 0.00	81.22 -1.32 0.00	91.21 0.55 0.00	90.79 0.90 0.00	82.23 0.41 0.00	68.43 -1.25 0.00	61.66 -0.18 0.00	50.90 -0.31 0.00
NINE_MILE_1 23575	38.55 -0.79 0.00	33.25 -0.78 0.00	30.50 -0.72 0.00	29.37 -0.69 0.00	28.35 -0.70 0.00	28.03 -0.75 0.00	28.11 -0.72 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.59 -0.92 0.00	37.64 -0.96 0.00	44.48 -1.09 0.00	47.38 -1.11 0.00	51.20 -1.15 0.00	55.86 -1.26 0.00	60.81 -1.37 0.00	71.21 -1.38 0.00	81.22 -1.32 0.00	89.67 -1.00 0.00	89.00 -0.90 0.00	80.92 -0.90 0.00	68.49 -1.18 0.00	60.61 -1.24 0.00	50.13 -1.08 0.00
NINE_MILE_2 23744	38.55 -0.79 0.00	33.25 -0.78 0.00	30.50 -0.72 0.00	29.37 -0.69 0.00	28.35 -0.70 0.00	28.03 -0.75 0.00	28.11 -0.72 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.59 -0.92 0.00	37.64 -0.96 0.00	44.48 -1.09 0.00	47.38 -1.11 0.00	51.20 -1.15 0.00	55.86 -1.26 0.00	60.81 -1.37 0.00	71.21 -1.38 0.00	81.22 -1.32 0.00	89.67 -1.00 0.00	89.00 -0.90 0.00	80.92 -0.90 0.00	68.49 -1.18 0.00	60.61 -1.24 0.00	50.13 -1.08 0.00
NM_CAPITAL___DRP 24208	40.24 0.90 0.00	35.05 1.02 0.00	32.34 1.12 0.00	31.14 1.08 0.00	30.12 1.07 0.00	29.87 1.09 0.00	29.96 1.12 0.00	29.65 1.03 0.00	32.16 1.06 0.00	36.47 0.96 0.00	39.26 0.66 0.00	46.21 0.64 0.00	49.13 0.63 0.00	53.04 0.68 0.00	58.04 0.91 0.00	63.24 1.06 0.00	74.26 1.67 0.00	85.26 2.72 0.00	93.48 2.81 0.00	92.50 2.61 0.00	83.62 1.80 0.00	70.79 1.11 0.00	62.22 0.37 0.00	51.67 0.46 0.00
NM_CENTRAL___DRP 24181	39.45 0.12 0.00	34.03 0.00 0.00	31.15 -0.06 0.00	30.00 -0.06 0.00	28.90 -0.15 0.00	28.60 -0.17 0.00	28.66 -0.17 0.00	28.47 -0.14 0.00	31.01 -0.09 0.00	35.33 -0.18 0.00	38.48 -0.12 0.00	45.57 0.00 0.00	48.59 0.10 0.00	52.51 0.16 0.00	57.29 0.17 0.00	62.37 0.19 0.00	73.17 0.58 0.00	83.53 0.99 0.00	92.48 1.81 0.00	91.78 1.89 0.00	83.21 1.39 0.00	70.31 0.63 0.00	62.10 0.25 0.00	51.36 0.15 0.00

NM_FRONTIER___DRP 24179	38.98 -0.35 0.00	33.15 -0.88 0.00	30.68 -0.53 0.00	29.16 -0.90 0.00	28.20 -0.84 0.00	27.39 -1.38 0.00	27.48 -1.36 0.00	27.30 -1.32 0.00	29.70 -1.40 0.00	33.98 -1.53 0.00	36.94 -1.66 0.00	43.75 -1.82 0.00	46.75 -1.75 0.00	50.10 -2.25 0.00	54.78 -2.34 0.00	59.69 -2.49 0.00	69.98 -2.61 0.00	79.98 -2.56 0.00	89.85 -0.82 0.00	89.45 -0.45 0.00	80.68 -1.15 0.00	67.45 -2.23 0.00	60.49 -1.36 0.00	49.98 -1.23 0.00
NM_ST_REGIS___HYD 24053	38.82 -0.51 0.00	33.66 -0.37 0.00	30.81 -0.41 0.00	29.67 -0.39 0.00	28.76 -0.29 0.00	28.43 -0.35 0.00	28.40 -0.43 0.00	28.22 -0.40 0.00	30.82 -0.28 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.62 0.05 0.00	48.40 -0.10 0.00	51.94 -0.42 0.00	56.21 -0.91 0.00	61.06 -1.12 0.00	71.07 -1.52 0.00	80.15 -2.39 0.00	87.31 -3.35 0.00	87.02 -2.88 0.00	81.89 -0.65 -0.72	70.10 0.35 -0.07	62.84 0.99 0.00	51.87 0.67 0.00
NORTHPORT___1 23551	42.32 2.99 0.00	36.42 2.38 0.00	33.18 1.97 0.00	31.92 1.86 0.00	30.82 1.77 0.00	30.62 1.84 0.00	30.54 1.70 0.00	30.53 1.92 0.00	33.44 2.33 0.00	37.96 2.45 0.00	44.71 2.78 -3.33	48.65 2.96 -0.12	51.11 2.62 0.00	52.13 1.83 2.06	52.20 2.57 7.50	59.21 2.36 5.34	76.08 3.48 0.00	88.08 5.53 -0.01	96.38 5.72 0.00	93.94 4.05 0.00	69.68 2.70 14.84	58.83 0.98 11.82	52.13 0.56 10.27	51.46 0.26 0.00
NORTHPORT___2 23552	42.32 2.99 0.00	36.42 2.38 0.00	33.18 1.97 0.00	31.92 1.86 0.00	30.82 1.77 0.00	30.62 1.84 0.00	30.54 1.70 0.00	30.53 1.92 0.00	33.44 2.33 0.00	37.96 2.45 0.00	44.71 2.78 -3.33	48.65 2.96 -0.12	51.11 2.62 0.00	52.13 1.83 2.06	52.20 2.57 7.50	59.21 2.36 5.34	76.08 3.48 0.00	88.08 5.53 -0.01	96.38 5.72 0.00	93.94 4.05 0.00	69.68 2.70 14.84	58.83 0.98 11.82	52.13 0.56 10.27	51.46 0.26 0.00
NORTHPORT___3 23553	42.44 3.11 0.00	36.55 2.52 0.00	33.31 2.09 0.00	32.01 1.95 0.00	30.91 1.86 0.00	30.70 1.93 0.00	30.65 1.82 0.00	30.62 2.00 0.00	33.56 2.46 0.00	38.10 2.59 0.00	44.90 2.97 -3.32	48.70 3.01 -0.12	51.06 2.57 0.01	52.02 1.73 2.06	52.03 2.40 7.49	59.01 2.18 5.35	75.92 3.34 0.01	87.66 5.12 0.00	95.91 5.26 0.01	93.75 3.86 0.01	69.60 2.62 14.84	58.75 0.90 11.83	52.03 0.44 10.25	51.31 0.10 0.00
NORTHPORT___4 23650	42.44 3.11 0.00	36.55 2.52 0.00	33.31 2.09 0.00	32.01 1.95 0.00	30.91 1.86 0.00	30.70 1.93 0.00	30.65 1.82 0.00	30.62 2.00 0.00	33.56 2.46 0.00	38.10 2.59 0.00	44.90 2.97 -3.32	48.70 3.01 -0.12	51.06 2.57 0.01	52.02 1.73 2.06	52.03 2.40 7.49	59.01 2.18 5.35	75.92 3.34 0.01	87.66 5.12 0.00	95.91 5.26 0.01	93.75 3.86 0.01	69.60 2.62 14.84	58.75 0.90 11.83	52.03 0.44 10.25	51.31 0.10 0.00
NORTHPORT___IC 23718	42.32 2.99 0.00	36.42 2.38 0.00	33.18 1.97 0.00	31.92 1.86 0.00	30.85 1.80 0.00	30.59 1.81 0.00	30.54 1.70 0.00	30.48 1.86 0.00	33.44 2.33 0.00	37.92 2.41 0.00	44.71 2.78 -3.33	48.66 2.96 -0.12	51.16 2.67 0.01	52.08 1.78 2.06	52.14 2.51 7.50	59.21 2.36 5.34	76.08 3.48 0.00	88.07 5.53 0.00	96.38 5.71 0.00	93.94 4.05 0.00	69.28 2.29 14.84	59.25 1.39 11.82	52.63 1.05 10.27	51.72 0.51 0.00
NORTH___COUNTRY_ESR 323785	37.88 -1.45 0.00	32.84 -1.19 0.00	30.12 -1.09 0.00	29.04 -1.02 0.00	28.15 -0.90 0.00	27.85 -0.92 0.00	27.85 -0.98 0.00	27.70 -0.92 0.00	30.23 -0.87 0.00	34.76 -0.75 0.00	37.83 -0.77 0.00	44.57 -1.00 0.00	47.09 -1.41 0.00	50.21 -2.15 0.00	54.38 -2.74 0.00	59.14 -3.05 0.00	68.53 -4.06 0.00	77.01 -5.53 0.00	84.41 -6.25 0.00	84.32 -5.57 0.00	77.73 -4.17 -0.08	67.66 -2.02 -0.01	60.86 -0.99 0.00	50.54 -0.67 0.00
NPX_GEN_1385_PROXY 323591	42.01 2.68 0.00	36.31 2.28 0.00	33.09 1.87 0.00	31.92 1.86 0.00	30.82 1.77 0.00	30.62 1.84 0.00	30.54 1.70 0.00	30.53 1.92 0.00	33.44 2.33 0.00	37.82 2.31 0.00	44.09 2.16 -3.33	47.93 2.23 -0.12	50.77 2.28 0.00	51.71 1.41 2.06	51.85 2.23 7.50	59.08 2.24 5.34	76.08 3.48 0.00	89.15 6.61 -0.01	97.01 6.34 0.00	94.21 4.31 0.00	69.77 2.78 14.84	58.90 1.05 11.82	51.89 0.31 10.27	50.90 -0.31 0.00
NPX_GEN_CSC 323557	42.32 2.99 0.00	36.31 2.28 0.00	33.06 1.84 0.00	31.80 1.74 0.00	30.67 1.63 0.00	30.44 1.67 0.00	30.28 1.44 0.00	30.30 1.69 0.00	33.28 2.18 0.00	37.78 2.27 0.00	44.88 2.93 -3.34	49.00 3.28 -0.14	51.60 3.11 0.00	54.74 2.51 0.13	59.97 3.31 0.46	65.27 3.48 0.39	77.24 4.65 0.00	89.65 7.10 -0.01	98.28 7.62 0.00	95.65 5.76 0.00	84.84 4.09 1.08	70.70 1.88 0.86	55.85 1.24 7.24	51.87 0.66 0.00
NSINS_S_GLNS_FALLS 23858	41.30 1.97 0.00	35.74 1.70 0.00	32.68 1.47 0.00	31.41 1.35 0.00	30.44 1.39 0.00	30.16 1.38 0.00	30.25 1.41 0.00	29.93 1.32 0.00	32.63 1.52 0.00	37.04 1.53 0.00	39.91 1.31 0.00	47.12 1.55 0.00	50.00 1.50 0.00	54.13 1.78 0.00	59.41 2.28 0.00	64.92 2.74 0.00	76.29 3.70 0.00	87.99 5.45 0.00	97.74 7.07 0.00	97.27 7.37 0.00	88.37 6.55 0.00	74.63 4.95 0.00	65.25 3.40 0.00	53.92 2.71 0.00
NUCOR_STEEL___DRP 24197	40.12 0.79 0.00	34.54 0.51 0.00	31.59 0.37 0.00	30.42 0.36 0.00	29.28 0.23 0.00	28.95 0.17 0.00	29.01 0.17 0.00	28.82 0.20 0.00	31.41 0.31 0.00	35.76 0.25 0.00	38.99 0.39 0.00	46.12 0.55 0.00	49.22 0.73 0.00	53.24 0.89 0.00	58.15 1.03 0.00	63.24 1.06 0.00	74.41 1.81 0.00	84.93 2.39 0.00	94.29 3.63 0.00	93.76 3.87 0.00	85.01 3.19 0.00	71.77 2.09 0.00	63.33 1.48 0.00	52.23 1.02 0.00
NUMBER_THREE_WT_PWR 323818	39.73 0.39 0.00	34.30 0.27 0.00	31.37 0.16 0.00	30.18 0.12 0.00	29.25 0.20 0.00	28.98 0.20 0.00	28.89 0.06 0.00	28.62 0.00 0.00	31.13 0.03 0.00	35.40 -0.11 0.00	38.49 -0.12 0.00	45.67 0.09 0.00	48.49 0.00 0.00	52.41 0.05 0.00	57.18 0.06 0.00	62.31 0.12 0.00	73.32 0.73 0.00	83.94 1.40 0.00	95.47 4.80 0.00	95.29 5.39 0.00	87.14 5.07 -0.25	73.81 4.11 -0.03	65.19 3.34 0.00	53.57 2.36 0.00
NYISO_LBMP_REFERENCE 24008	39.33 0.00 0.00	34.03 0.00 0.00	31.21 0.00 0.00	30.06 0.00 0.00	29.05 0.00 0.00	28.78 0.00 0.00	28.83 0.00 0.00	28.62 0.00 0.00	31.10 0.00 0.00	35.51 0.00 0.00	38.60 0.00 0.00	45.57 0.00 0.00	48.49 0.00 0.00	52.35 0.00 0.00	57.12 0.00 0.00	62.18 0.00 0.00	72.59 0.00 0.00	82.54 0.00 0.00	90.66 0.00 0.00	89.90 0.00 0.00	81.82 0.00 0.00	69.68 0.00 0.00	61.85 0.00 0.00	51.21 0.00 0.00
NYPA_BRENTWD____GT 24164	42.95 3.62 0.00	36.96 2.93 0.00	33.65 2.44 0.00	32.34 2.28 0.00	31.23 2.18 0.00	30.99 2.22 0.00	30.88 2.05 0.00	30.88 2.26 0.00	33.87 2.77 0.00	38.46 2.95 0.00	45.44 3.48 -3.36	49.66 3.92 -0.17	52.28 3.79 0.00	55.46 3.14 0.04	61.12 4.00 0.00	65.54 3.86 0.50	77.82 5.23 0.00	89.65 7.10 -0.01	98.10 7.44 0.00	95.65 5.76 0.00	85.27 4.83 1.38	71.23 2.65 1.10	57.20 2.22 6.87	52.69 1.49 0.00

NYPA_GOWANUS____GT5 24156	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.44 0.01	96.72 6.83 0.01	87.46 5.64 0.01	73.01 3.34 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NYPA_GOWANUS____GT6 24157	42.41 3.07 -0.01	36.66 2.62 -0.01	33.49 2.28 0.00	32.19 2.13 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.34 0.00	55.80 3.45 0.01	61.05 3.94 0.01	65.90 3.73 0.01	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.44 0.01	96.72 6.83 0.01	87.46 5.64 0.01	73.01 3.34 0.01	63.76 1.92 0.01	53.46 2.25 0.00
NYPA_HARLEM__RVR__GT1 24160	42.45 3.11 -0.01	36.73 2.69 -0.01	33.59 2.37 -0.01	32.29 2.22 -0.01	31.29 2.24 -0.01	31.09 2.30 -0.01	31.23 2.39 -0.01	31.14 2.52 -0.01	33.72 2.61 0.00	38.14 2.63 0.00	41.47 2.86 -0.01	48.86 3.28 0.00	51.94 3.44 0.00	56.08 3.72 -0.01	61.24 4.12 -0.01	66.05 3.86 -0.01	77.60 5.00 -0.01	89.23 6.68 -0.01	97.75 7.08 -0.01	96.46 6.56 -0.01	87.23 5.40 -0.01	72.82 3.14 -0.01	63.89 2.04 -0.01	53.72 2.51 -0.01
NYPA_HARLEM__RVR__GT2 24161	42.45 3.11 -0.01	36.73 2.69 -0.01	33.59 2.37 -0.01	32.29 2.22 -0.01	31.29 2.24 -0.01	31.09 2.30 -0.01	31.23 2.39 -0.01	31.14 2.52 -0.01	33.72 2.61 0.00	38.14 2.63 0.00	41.47 2.86 -0.01	48.86 3.28 0.00	51.94 3.44 0.00	56.08 3.72 -0.01	61.24 4.12 -0.01	66.05 3.86 -0.01	77.60 5.00 -0.01	89.23 6.68 -0.01	97.75 7.08 -0.01	96.46 6.56 -0.01	87.23 5.40 -0.01	72.82 3.14 -0.01	63.89 2.04 -0.01	53.72 2.51 -0.01
NYPA_KENT____GT 24152	42.33 2.99 -0.01	36.63 2.59 -0.01	33.46 2.25 0.00	32.16 2.10 0.00	31.14 2.09 0.00	30.94 2.16 0.00	31.05 2.22 0.00	30.93 2.32 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.38 2.78 0.00	48.76 3.19 0.00	51.79 3.30 0.00	55.86 3.51 0.00	61.06 3.94 0.00	65.91 3.73 0.00	77.66 5.08 0.01	89.30 6.77 0.01	97.82 7.16 0.01	96.54 6.65 0.01	87.30 5.48 0.01	72.39 3.21 0.49	63.82 1.98 0.01	53.51 2.31 0.00
NYPA_POUCH1____GT 24155	42.41 3.07 -0.01	36.66 2.62 -0.01	33.52 2.31 0.00	32.19 2.13 0.00	31.17 2.12 0.00	30.91 2.13 0.00	31.02 2.19 0.00	30.91 2.29 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.74 3.25 0.00	53.74 3.14 1.75	54.16 3.60 6.56	54.78 3.36 10.76	57.04 4.86 20.42	77.93 6.44 11.05	90.82 6.98 6.83	89.36 6.38 6.92	77.42 5.24 9.65	59.12 2.99 13.55	53.97 1.61 9.48	52.41 2.00 0.79
NYPA_VERNON____GT2 24162	42.29 2.95 -0.01	36.60 2.55 -0.01	33.46 2.25 0.00	32.16 2.10 0.00	31.11 2.06 0.00	30.94 2.16 0.00	31.05 2.22 0.00	30.96 2.35 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.34 2.74 0.00	48.67 3.10 0.00	51.79 3.30 0.00	55.92 3.56 0.00	61.12 4.00 0.00	65.98 3.79 0.00	77.59 5.00 0.01	89.22 6.68 0.01	97.73 7.08 0.01	96.36 6.48 0.01	87.13 5.32 0.01	71.84 3.14 0.98	63.82 1.98 0.01	53.62 2.41 0.00
NYPA_VERNON____GT3 24163	42.29 2.95 -0.01	36.60 2.55 -0.01	33.46 2.25 0.00	32.16 2.10 0.00	31.11 2.06 0.00	30.94 2.16 0.00	31.05 2.22 0.00	30.96 2.35 0.00	33.65 2.55 0.00	38.07 2.56 0.00	41.34 2.74 0.00	48.67 3.10 0.00	51.79 3.30 0.00	55.92 3.56 0.00	61.12 4.00 0.00	65.98 3.79 0.00	77.59 5.00 0.01	89.22 6.68 0.01	97.73 7.08 0.01	96.36 6.48 0.01	87.13 5.32 0.01	71.84 3.14 0.98	63.82 1.98 0.01	53.62 2.41 0.00
NYPA__ASTORIA_CC1 323568	42.25 2.91 -0.01	36.60 2.55 -0.01	33.43 2.22 0.00	32.13 2.07 0.00	31.11 2.06 0.00	30.94 2.16 0.00	31.05 2.22 0.00	30.96 2.35 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.74 3.25 0.00	55.86 3.51 0.00	61.01 3.89 0.00	65.85 3.67 0.00	77.45 4.86 0.01	89.05 6.52 0.01	97.54 6.89 0.01	96.18 6.29 0.01	86.97 5.16 0.01	71.30 2.99 1.37	63.69 1.85 0.01	53.51 2.31 0.00
NYPA__ASTORIA_CC2 323569	42.25 2.91 -0.01	36.60 2.55 -0.01	33.43 2.22 0.00	32.13 2.07 0.00	31.11 2.06 0.00	30.94 2.16 0.00	31.05 2.22 0.00	30.96 2.35 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.74 3.25 0.00	55.86 3.51 0.00	61.01 3.89 0.00	65.85 3.67 0.00	77.45 4.86 0.01	89.05 6.52 0.01	97.54 6.89 0.01	96.18 6.29 0.01	86.97 5.16 0.01	71.30 2.99 1.37	63.69 1.85 0.01	53.51 2.31 0.00
NYPA__HOLTSVILL 23794	42.64 3.30 0.00	36.65 2.62 0.00	33.37 2.15 0.00	32.10 2.04 0.00	30.96 1.92 0.00	30.76 1.98 0.00	30.62 1.79 0.00	30.62 2.00 0.00	33.59 2.49 0.00	38.14 2.63 0.00	45.14 3.20 -3.34	49.18 3.46 -0.14	51.79 3.30 0.00	54.90 2.67 0.13	60.05 3.37 0.44	65.30 3.48 0.37	77.24 4.65 0.00	89.48 6.93 -0.01	98.00 7.34 0.00	95.47 5.58 0.00	84.90 4.09 1.02	70.89 2.02 0.81	56.15 1.55 7.24	52.13 0.92 0.00
NYPA____HELLGATE_GT1 24158	42.45 3.11 -0.01	36.73 2.69 -0.01	33.59 2.37 -0.01	32.29 2.22 -0.01	31.29 2.24 -0.01	31.09 2.30 -0.01	31.23 2.39 -0.01	31.14 2.52 -0.01	33.72 2.61 0.00	38.14 2.63 0.00	41.47 2.86 -0.01	48.86 3.28 0.00	51.94 3.44 0.00	56.08 3.72 -0.01	61.24 4.12 -0.01	66.05 3.86 -0.01	77.60 5.00 -0.01	89.23 6.68 -0.01	97.75 7.08 -0.01	96.46 6.56 -0.01	87.23 5.40 -0.01	72.82 3.14 -0.01	63.89 2.04 -0.01	53.72 2.51 -0.01
NYPA____HELLGATE_GT2 24159	42.45 3.11 -0.01	36.73 2.69 -0.01	33.59 2.37 -0.01	32.29 2.22 -0.01	31.29 2.24 -0.01	31.09 2.30 -0.01	31.23 2.39 -0.01	31.14 2.52 -0.01	33.72 2.61 0.00	38.14 2.63 0.00	41.47 2.86 -0.01	48.86 3.28 0.00	51.94 3.44 0.00	56.08 3.72 -0.01	61.24 4.12 -0.01	66.05 3.86 -0.01	77.60 5.00 -0.01	89.23 6.68 -0.01	97.75 7.08 -0.01	96.46 6.56 -0.01	87.23 5.40 -0.01	72.82 3.14 -0.01	63.89 2.04 -0.01	53.72 2.51 -0.01
NYS_BARGE__HYD 23848	40.20 0.86 0.00	34.17 0.14 0.00	31.00 -0.22 0.00	30.15 0.09 0.00	28.58 -0.47 0.00	28.17 -0.61 0.00	28.23 -0.61 0.00	27.87 -0.74 0.00	30.45 -0.65 0.00	34.80 -0.71 0.00	37.67 -0.93 0.00	44.61 -0.96 0.00	47.72 -0.78 0.00	50.94 -1.41 0.00	55.70 -1.43 0.00	60.75 -1.43 0.00	71.29 -1.30 0.00	81.55 -0.99 0.00	91.84 1.18 0.00	91.60 1.70 0.00	82.88 1.06 0.00	69.05 -0.63 0.00	62.16 0.31 0.00	51.21 0.00 0.00
OAK ORCHARD__HYD 24046	40.43 1.10 0.00	34.54 0.51 0.00	31.65 0.44 0.00	30.42 0.36 0.00	29.25 0.20 0.00	28.69 -0.09 0.00	28.89 0.06 0.00	28.56 -0.06 0.00	31.26 0.16 0.00	35.72 0.21 0.00	38.87 0.27 0.00	46.08 0.50 0.00	49.22 0.73 0.00	53.03 0.68 0.00	58.03 0.91 0.00	63.24 1.06 0.00	74.26 1.67 0.00	84.85 2.31 0.00	94.75 4.08 0.00	94.21 4.31 0.00	85.51 3.69 0.00	71.63 1.95 0.00	63.83 1.98 0.00	52.49 1.28 0.00

OAKDALE___35_KV_LOAD 356122	40.08 0.75 0.00	34.51 0.48 0.00	31.56 0.34 0.00	30.39 0.33 0.00	29.22 0.17 0.00	28.95 0.17 0.00	29.04 0.20 0.00	28.85 0.23 0.00	31.38 0.28 0.00	35.69 0.18 0.00	38.79 0.19 0.00	45.94 0.36 0.00	48.98 0.48 0.00	52.88 0.52 0.00	57.69 0.57 0.00	62.87 0.68 0.00	73.90 1.31 0.00	84.52 1.98 0.00	93.75 3.08 0.00	93.13 3.24 0.00	84.36 2.54 0.00	71.14 1.46 0.00	62.84 0.99 0.00	51.82 0.61 0.00
OCC_CHEM___DRP 24175	39.10 -0.24 0.00	33.25 -0.78 0.00	30.71 -0.50 0.00	29.25 -0.81 0.00	28.23 -0.81 0.00	27.45 -1.32 0.00	27.54 -1.30 0.00	27.36 -1.26 0.00	29.76 -1.34 0.00	34.09 -1.42 0.00	37.06 -1.54 0.00	43.89 -1.69 0.00	46.89 -1.60 0.00	50.26 -2.09 0.00	54.89 -2.23 0.00	59.82 -2.36 0.00	70.20 -2.40 0.00	80.15 -2.39 0.00	90.03 -0.63 0.00	89.72 -0.18 0.00	80.92 -0.90 0.00	67.66 -2.02 0.00	60.67 -1.18 0.00	50.08 -1.13 0.00
OH_GEN_PROXY 24063	39.53 0.20 0.00	33.66 -0.37 0.00	30.87 -0.34 0.00	29.70 -0.36 0.00	28.49 -0.55 0.00	27.83 -0.95 0.00	28.17 -0.66 0.00	27.79 -0.83 0.00	30.39 -0.71 0.00	34.69 -0.82 0.00	37.52 -1.08 0.00	44.39 -1.19 0.00	47.43 -1.07 0.00	50.89 -1.47 0.00	55.64 -1.49 0.00	60.63 -1.55 0.00	71.21 -1.38 0.00	81.38 -1.16 0.00	91.39 0.72 0.00	90.98 1.08 0.00	82.40 0.58 0.00	68.56 -1.12 0.00	61.72 -0.12 0.00	50.90 -0.31 0.00
OLIN_CORP_DRP 24177	39.80 0.47 0.00	33.86 -0.17 0.00	30.37 -0.84 0.00	29.79 -0.27 0.00	27.88 -1.16 0.00	27.97 -0.81 0.00	27.91 -0.92 0.00	27.53 -1.09 0.00	29.89 -1.21 0.00	34.20 -1.31 0.00	37.17 -1.43 0.00	44.02 -1.55 0.00	47.09 -1.41 0.00	50.42 -1.94 0.00	55.07 -2.06 0.00	60.07 -2.11 0.00	70.56 -2.03 0.00	80.64 -1.90 0.00	90.66 0.00 0.00	90.34 0.45 0.00	81.49 -0.33 0.00	68.15 -1.53 0.00	60.98 -0.87 0.00	50.34 -0.87 0.00
OLIN_CORP_DSASP 323712	39.10 -0.23 0.00	33.25 -0.78 0.00	30.96 -0.25 0.00	29.37 -0.69 0.00	28.61 -0.43 0.00	27.45 -1.32 0.00	28.11 -0.72 0.00	27.42 -1.20 0.00	30.01 -1.09 0.00	34.27 -1.24 0.00	37.06 -1.55 0.00	43.89 -1.69 0.00	46.90 -1.60 0.00	50.26 -2.10 0.00	54.89 -2.23 0.00	59.82 -2.36 0.00	70.20 -2.39 0.00	80.14 -2.40 0.00	90.12 -0.54 0.00	89.72 -0.18 0.00	81.25 -0.57 0.00	67.59 -2.09 0.00	61.04 -0.81 0.00	50.39 -0.82 0.00
ONEIDA_HERK_LFGE 323681	40.12 0.79 0.00	34.65 0.61 0.00	31.71 0.50 0.00	30.51 0.45 0.00	29.54 0.49 0.00	29.26 0.49 0.00	29.24 0.40 0.00	29.02 0.40 0.00	31.57 0.47 0.00	35.94 0.43 0.00	39.03 0.43 0.00	46.26 0.68 0.00	49.22 0.73 0.00	53.24 0.89 0.00	58.09 0.97 0.00	63.30 1.12 0.00	74.41 1.82 0.00	85.10 2.56 0.00	95.38 4.71 0.00	94.93 5.03 0.00	86.43 4.50 -0.11	73.03 3.34 -0.01	64.51 2.66 0.00	53.15 1.95 0.00
ONEIDA___115KV_TB4 55905	40.51 1.18 0.00	34.95 0.92 0.00	31.99 0.78 0.00	30.78 0.72 0.00	29.74 0.70 0.00	29.47 0.69 0.00	29.47 0.63 0.00	29.25 0.63 0.00	31.79 0.68 0.00	36.18 0.67 0.00	39.33 0.73 0.00	46.62 1.05 0.00	49.66 1.16 0.00	53.72 1.36 0.00	58.72 1.60 0.00	63.99 1.80 0.00	75.28 2.69 0.00	86.09 3.55 0.00	96.10 5.44 0.00	95.56 5.66 0.00	86.78 4.91 -0.05	73.17 3.48 0.00	64.57 2.72 0.00	53.21 2.00 0.00
ONONDAGA_REF_OCCRA 23987	39.57 0.24 0.00	34.14 0.10 0.00	31.21 0.00 0.00	30.06 0.00 0.00	28.96 -0.09 0.00	28.66 -0.12 0.00	28.75 -0.09 0.00	28.56 -0.06 0.00	31.10 0.00 0.00	35.40 -0.11 0.00	38.56 -0.04 0.00	45.67 0.09 0.00	48.69 0.19 0.00	52.67 0.31 0.00	57.46 0.34 0.00	62.56 0.37 0.00	73.46 0.87 0.00	83.86 1.32 0.00	92.93 2.27 0.00	92.23 2.34 0.00	83.62 1.80 0.00	70.65 0.98 0.00	62.34 0.49 0.00	51.52 0.31 0.00
ONONDAGA___COGEN 23986	39.65 0.31 0.00	34.20 0.17 0.00	31.31 0.09 0.00	30.12 0.06 0.00	29.05 0.00 0.00	28.72 -0.06 0.00	28.81 -0.03 0.00	28.62 0.00 0.00	31.20 0.09 0.00	35.51 0.00 0.00	38.72 0.12 0.00	45.85 0.27 0.00	48.83 0.34 0.00	52.83 0.47 0.00	57.69 0.57 0.00	62.74 0.56 0.00	73.68 1.09 0.00	84.03 1.49 0.00	93.02 2.36 0.00	92.41 2.52 0.00	83.79 1.96 0.00	70.79 1.11 0.00	62.53 0.68 0.00	51.62 0.41 0.00
ONTARIO___LFGE 23819	40.63 1.30 0.00	34.82 0.78 0.00	31.87 0.66 0.00	30.60 0.54 0.00	29.42 0.38 0.00	28.98 0.20 0.00	29.15 0.32 0.00	28.87 0.26 0.00	31.51 0.40 0.00	35.87 0.36 0.00	39.03 0.43 0.00	46.26 0.68 0.00	49.41 0.92 0.00	53.40 1.05 0.00	58.09 0.97 0.00	63.36 1.18 0.00	74.70 2.11 0.00	85.51 2.97 0.00	95.20 4.53 0.00	94.57 4.67 0.00	86.65 4.83 0.00	72.54 2.86 0.00	64.14 2.29 0.00	52.90 1.69 0.00
ORANGEVILLE_WT_PWR 323706	40.00 0.67 0.00	34.07 0.03 0.00	31.06 -0.16 0.00	29.85 -0.21 0.00	28.52 -0.52 0.00	27.83 -0.95 0.00	28.03 -0.81 0.00	27.61 -1.00 0.00	30.11 -1.00 0.00	34.55 -0.96 0.00	37.44 -1.16 0.00	44.39 -1.19 0.00	47.43 -1.07 0.00	50.89 -1.47 0.00	55.29 -1.83 0.00	60.38 -1.81 0.00	71.14 -1.45 0.00	81.63 -0.91 0.00	91.93 1.27 0.00	92.32 2.43 0.00	84.03 2.21 0.00	70.03 0.35 0.00	62.59 0.74 0.00	51.41 0.21 0.00
ORANGEVILLE___ESR 323794	40.00 0.67 0.00	34.07 0.03 0.00	31.06 -0.16 0.00	29.85 -0.21 0.00	28.52 -0.52 0.00	27.83 -0.95 0.00	28.03 -0.81 0.00	27.61 -1.00 0.00	30.11 -1.00 0.00	34.55 -0.96 0.00	37.44 -1.16 0.00	44.39 -1.19 0.00	47.43 -1.07 0.00	50.89 -1.47 0.00	55.29 -1.83 0.00	60.38 -1.81 0.00	71.14 -1.45 0.00	81.63 -0.91 0.00	91.93 1.27 0.00	92.32 2.43 0.00	84.03 2.21 0.00	70.03 0.35 0.00	62.59 0.74 0.00	51.41 0.21 0.00
OSWEGATCHIE___HYD 24044	39.33 0.00 0.00	34.03 0.00 0.00	31.12 -0.09 0.00	29.97 -0.09 0.00	29.05 0.00 0.00	28.75 -0.03 0.00	28.66 -0.17 0.00	28.42 -0.20 0.00	30.95 -0.15 0.00	35.37 -0.14 0.00	38.49 -0.12 0.00	45.62 0.05 0.00	48.45 -0.05 0.00	52.20 -0.16 0.00	56.78 -0.34 0.00	61.75 -0.43 0.00	72.30 -0.29 0.00	82.13 -0.41 0.00	91.76 1.09 0.00	91.52 1.62 0.00	84.28 1.88 -0.57	72.24 2.50 -0.06	64.14 2.29 0.00	52.74 1.53 0.00
OSWEGO___5 23606	38.86 -0.47 0.00	33.52 -0.51 0.00	30.75 -0.47 0.00	29.61 -0.45 0.00	28.55 -0.49 0.00	28.23 -0.55 0.00	28.32 -0.52 0.00	28.10 -0.51 0.00	30.57 -0.53 0.00	34.87 -0.64 0.00	37.91 -0.69 0.00	44.84 -0.73 0.00	47.77 -0.73 0.00	51.62 -0.73 0.00	56.32 -0.80 0.00	61.25 -0.93 0.00	71.79 -0.80 0.00	81.88 -0.66 0.00	90.48 -0.18 0.00	89.81 -0.09 0.00	81.66 -0.16 0.00	69.05 -0.63 0.00	61.17 -0.68 0.00	50.54 -0.67 0.00
OSWEGO___6 23613	38.86 -0.47 0.00	33.52 -0.51 0.00	30.75 -0.47 0.00	29.61 -0.45 0.00	28.55 -0.49 0.00	28.23 -0.55 0.00	28.32 -0.52 0.00	28.10 -0.51 0.00	30.57 -0.53 0.00	34.87 -0.64 0.00	37.91 -0.69 0.00	44.84 -0.73 0.00	47.77 -0.73 0.00	51.62 -0.73 0.00	56.32 -0.80 0.00	61.25 -0.93 0.00	71.79 -0.80 0.00	81.88 -0.66 0.00	90.48 -0.18 0.00	89.81 -0.09 0.00	81.66 -0.16 0.00	69.05 -0.63 0.00	61.17 -0.68 0.00	50.54 -0.67 0.00

OUTOKUMPU-AB___DRP 24206	40.04 0.71 0.00	34.00 -0.03 0.00	31.03 -0.19 0.00	29.88 -0.18 0.00	28.47 -0.58 0.00	28.03 -0.75 0.00	28.08 -0.75 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.76 -0.75 0.00	37.83 -0.77 0.00	44.89 -0.68 0.00	47.96 -0.53 0.00	51.41 -0.94 0.00	56.15 -0.97 0.00	61.31 -0.87 0.00	71.50 -1.09 0.00	81.80 -0.74 0.00	92.02 1.36 0.00	91.78 1.89 0.00	82.72 0.90 0.00	69.19 -0.49 0.00	62.22 0.37 0.00	51.26 0.05 0.00
OXBOW___BTM 323836	39.65 0.31 0.00	33.66 -0.37 0.00	31.15 -0.06 0.00	29.70 -0.36 0.00	28.76 -0.29 0.00	27.77 -1.01 0.00	28.29 -0.55 0.00	27.73 -0.89 0.00	30.36 -0.75 0.00	34.66 -0.85 0.00	37.52 -1.08 0.00	44.48 -1.09 0.00	47.53 -0.97 0.00	50.94 -1.41 0.00	55.64 -1.49 0.00	60.75 -1.43 0.00	70.63 -1.96 0.00	80.80 -1.74 0.00	90.85 0.18 0.00	90.44 0.54 0.00	81.90 0.08 0.00	68.21 -1.47 0.00	61.91 0.06 0.00	51.06 -0.15 0.00
OXBOW___ 24026	39.65 0.31 0.00	33.66 -0.37 0.00	30.90 -0.31 0.00	29.61 -0.45 0.00	28.38 -0.67 0.00	27.77 -1.01 0.00	27.85 -0.98 0.00	27.67 -0.94 0.00	30.11 -1.00 0.00	34.48 -1.03 0.00	37.52 -1.08 0.00	44.48 -1.09 0.00	47.53 -0.97 0.00	50.94 -1.41 0.00	55.64 -1.49 0.00	60.75 -1.43 0.00	70.63 -1.96 0.00	80.81 -1.73 0.00	90.76 0.09 0.00	90.43 0.54 0.00	81.58 -0.25 0.00	68.21 -1.46 0.00	61.60 -0.25 0.00	50.80 -0.41 0.00
OXY_CHEM_DSASP 323612	39.10 -0.24 0.00	33.25 -0.78 0.00	30.71 -0.50 0.00	29.25 -0.81 0.00	28.23 -0.81 0.00	27.45 -1.32 0.00	27.54 -1.30 0.00	27.36 -1.26 0.00	29.76 -1.34 0.00	34.09 -1.42 0.00	37.06 -1.54 0.00	43.89 -1.69 0.00	46.89 -1.60 0.00	50.26 -2.09 0.00	54.89 -2.23 0.00	59.82 -2.36 0.00	70.20 -2.40 0.00	80.15 -2.39 0.00	90.03 -0.63 0.00	89.72 -0.18 0.00	80.92 -0.90 0.00	67.66 -2.02 0.00	60.67 -1.18 0.00	50.08 -1.13 0.00
OZONE_PARK_ESR 323760	42.44 3.11 0.00	36.72 2.69 0.00	33.62 2.40 0.00	32.31 2.25 0.00	31.31 2.27 0.00	31.08 2.30 0.00	31.26 2.42 0.00	31.11 2.49 0.00	33.84 2.74 0.00	38.32 2.81 0.00	41.61 3.01 0.00	49.04 3.46 0.00	52.23 3.73 0.00	56.49 4.14 0.00	61.81 4.68 0.00	66.91 4.73 0.00	78.91 6.32 0.00	90.63 8.09 0.00	99.46 8.79 0.00	98.08 8.18 0.00	88.29 6.46 0.00	74.07 4.39 0.00	65.00 3.15 0.00	54.38 3.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	39.10 -0.24 0.00	33.25 -0.78 0.00	30.71 -0.50 0.00	29.25 -0.81 0.00	28.23 -0.81 0.00	27.45 -1.32 0.00	27.54 -1.30 0.00	27.36 -1.26 0.00	29.76 -1.34 0.00	34.09 -1.42 0.00	37.06 -1.54 0.00	43.89 -1.69 0.00	46.89 -1.60 0.00	50.26 -2.09 0.00	54.89 -2.23 0.00	59.82 -2.36 0.00	70.20 -2.40 0.00	80.15 -2.39 0.00	90.03 -0.63 0.00	89.72 -0.18 0.00	80.92 -0.90 0.00	67.66 -2.02 0.00	60.67 -1.18 0.00	50.08 -1.13 0.00
PACKARD___115KV_DUPONT_184 80571	39.10 -0.24 0.00	33.25 -0.78 0.00	30.71 -0.50 0.00	29.25 -0.81 0.00	28.23 -0.81 0.00	27.45 -1.32 0.00	27.54 -1.30 0.00	27.36 -1.26 0.00	29.76 -1.34 0.00	34.09 -1.42 0.00	37.06 -1.54 0.00	43.89 -1.69 0.00	46.89 -1.60 0.00	50.26 -2.09 0.00	54.89 -2.23 0.00	59.82 -2.36 0.00	70.20 -2.40 0.00	80.15 -2.39 0.00	90.03 -0.63 0.00	89.72 -0.18 0.00	80.92 -0.90 0.00	67.66 -2.02 0.00	60.67 -1.18 0.00	50.08 -1.13 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.40 3.07 0.00	36.69 2.65 0.00	33.56 2.34 -0.01	32.26 2.19 -0.01	31.26 2.21 -0.01	31.00 2.22 -0.01	31.18 2.34 -0.01	31.00 2.38 -0.01	33.65 2.55 0.00	38.03 2.52 0.00	41.43 2.82 -0.01	48.76 3.19 0.00	51.84 3.35 0.00	55.92 3.56 -0.01	61.13 4.00 -0.01	66.05 3.86 -0.01	77.61 5.01 -0.01	89.15 6.60 -0.01	97.83 7.16 -0.01	96.47 6.56 -0.01	86.90 5.07 -0.01	72.89 3.21 -0.01	64.02 2.16 -0.01	53.78 2.56 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.99 3.66 0.00	37.20 3.17 0.00	34.00 2.78 -0.01	32.68 2.62 -0.01	31.67 2.61 -0.01	31.40 2.62 -0.01	31.52 2.68 -0.01	31.37 2.75 -0.01	34.06 2.95 0.00	38.49 2.98 0.00	41.93 3.32 -0.01	49.36 3.78 0.00	52.52 4.03 0.00	56.66 4.29 -0.01	61.93 4.80 -0.01	66.92 4.73 -0.01	78.70 6.10 -0.01	90.47 7.92 -0.01	99.19 8.52 -0.01	97.90 8.00 -0.01	88.21 6.38 -0.01	74.01 4.32 -0.01	64.95 3.09 -0.01	54.54 3.33 -0.01
PATROON___115KV_TB1 80586	40.28 0.94 0.00	35.09 1.06 0.00	32.37 1.15 0.00	31.17 1.11 0.00	30.15 1.10 0.00	29.90 1.12 0.00	29.99 1.15 0.00	29.67 1.06 0.00	32.22 1.12 0.00	36.54 1.03 0.00	39.30 0.69 0.00	46.35 0.77 0.00	49.22 0.73 0.00	53.19 0.84 0.00	58.15 1.03 0.00	63.43 1.24 0.00	74.41 1.81 0.00	85.43 2.89 0.00	93.75 3.08 0.00	92.77 2.88 0.00	83.87 2.05 0.00	71.00 1.32 0.00	62.40 0.56 0.00	51.82 0.61 0.00
PATTRSNVILLE___SOLAR 323815	41.06 1.73 0.00	35.53 1.50 0.00	32.59 1.37 0.00	31.35 1.29 0.00	30.32 1.28 0.00	30.07 1.30 0.00	30.07 1.24 0.00	29.73 1.11 0.00	32.19 1.09 0.00	36.47 0.96 0.00	39.53 0.92 0.00	46.62 1.05 0.00	49.56 1.07 0.00	53.66 1.31 0.00	58.66 1.54 0.00	63.99 1.80 0.00	75.13 2.54 0.00	86.42 3.88 0.00	95.65 4.98 0.00	95.38 5.48 0.00	86.81 4.99 0.00	73.30 3.62 0.00	64.51 2.66 0.00	53.41 2.20 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.57 0.24 0.00	33.66 -0.37 0.00	30.50 -0.72 0.00	29.49 -0.57 0.00	27.94 -1.10 0.00	27.71 -1.06 0.00	27.80 -1.04 0.00	27.70 -0.92 0.00	30.20 -0.90 0.00	34.59 -0.92 0.00	37.60 -1.00 0.00	44.66 -0.91 0.00	47.77 -0.73 0.00	51.31 -1.05 0.00	55.86 -1.26 0.00	61.13 -1.06 0.00	71.87 -0.73 0.00	82.37 -0.17 0.00	92.57 1.90 0.00	92.41 2.52 0.00	83.21 1.39 0.00	69.68 0.00 0.00	62.03 0.19 0.00	50.80 -0.41 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.93 2.60 0.00	36.28 2.25 0.00	33.24 2.03 0.00	32.01 1.95 0.00	30.96 1.92 0.00	30.73 1.96 0.00	30.82 1.99 0.00	30.59 1.97 0.00	33.34 2.24 0.00	37.75 2.24 0.00	41.03 2.43 0.00	48.45 2.87 0.00	51.65 3.15 0.00	56.02 3.66 0.00	61.29 4.17 0.00	66.66 4.48 0.00	78.62 6.03 0.00	90.30 7.76 0.00	99.19 8.52 0.00	97.72 7.82 0.00	88.04 6.22 0.00	73.86 4.18 0.00	64.82 2.97 0.00	53.92 2.71 0.00
PEEKSKILL___ 23653	41.61 2.28 0.00	36.08 2.04 0.00	33.06 1.84 0.00	31.80 1.74 0.00	30.73 1.68 0.00	30.59 1.81 0.00	30.68 1.85 0.00	30.50 1.89 0.00	33.15 2.05 0.00	37.57 2.06 0.00	40.72 2.12 0.00	47.99 2.41 0.00	51.11 2.62 0.00	55.34 2.98 0.00	60.49 3.37 0.00	65.60 3.42 0.00	77.24 4.65 0.00	88.81 6.27 0.00	97.28 6.62 0.00	96.01 6.12 0.00	86.81 4.99 0.00	72.67 2.99 0.00	63.70 1.85 0.00	53.15 1.95 0.00
PGE MADISON___WINDPWR 24146	42.56 3.23 0.00	36.59 2.55 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.11 2.06 0.00	30.76 1.98 0.00	30.74 1.90 0.00	30.45 1.83 0.00	33.12 2.02 0.00	37.57 2.06 0.00	40.72 2.12 0.00	48.49 2.92 0.00	51.74 3.25 0.00	56.23 3.87 0.00	61.35 4.23 0.00	67.04 4.85 0.00	79.63 7.04 0.00	91.78 9.24 0.00	104.08 13.42 0.00	103.65 13.75 0.00	94.09 12.27 0.00	78.32 8.64 0.00	68.77 6.93 0.00	56.17 4.97 0.00

PIERCEFIELD___HYD 23852	38.90 -0.43 0.00	33.73 -0.31 0.00	30.87 -0.34 0.00	29.76 -0.30 0.00	28.81 -0.23 0.00	28.49 -0.29 0.00	28.46 -0.37 0.00	28.24 -0.37 0.00	30.82 -0.28 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.67 0.09 0.00	48.49 0.00 0.00	52.09 -0.26 0.00	56.44 -0.69 0.00	61.37 -0.81 0.00	71.36 -1.23 0.00	80.48 -2.06 0.00	87.67 -2.99 0.00	87.29 -2.61 0.00	82.25 -0.41 -0.84	70.32 0.56 -0.09	63.02 1.18 0.00	51.98 0.77 0.00
PINELAWN_CC_1 323563	42.83 3.50 0.00	36.86 2.82 0.00	33.56 2.34 0.00	32.25 2.19 0.00	31.14 2.09 0.00	30.94 2.16 0.00	30.85 2.02 0.00	30.82 2.20 0.00	33.78 2.68 0.00	38.35 2.84 -3.47	45.35 3.28 -0.31	49.53 3.65 0.00	52.13 3.64 0.00	55.39 3.09 0.06	60.88 3.94 0.18	65.91 3.92 0.19	77.96 5.37 0.00	90.22 7.68 -0.01	98.83 8.16 0.00	96.45 6.56 0.00	86.44 5.16 0.54	72.24 2.99 0.43	58.33 2.29 5.81	52.74 1.53 0.00
PJM_GEN_HTTP_PROXY 323702	41.97 2.64 0.00	36.35 2.32 0.00	33.27 2.06 0.00	32.01 1.95 0.00	30.99 1.95 0.00	30.82 2.04 0.00	30.94 2.10 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.93 2.42 0.00	41.19 2.59 0.00	48.45 2.87 0.00	51.60 3.11 0.00	55.86 3.51 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.82 5.23 0.00	89.47 6.93 0.00	98.01 7.34 0.00	96.72 6.83 0.00	87.46 5.64 0.00	73.02 3.34 0.00	64.07 2.22 0.00	53.62 2.41 0.00
PJM_GEN_KEystone 24065	40.47 1.14 0.00	34.85 0.82 0.00	31.90 0.69 0.00	30.69 0.63 0.00	29.54 0.49 0.00	29.23 0.46 0.00	29.44 0.61 0.00	29.22 0.60 0.00	31.82 0.72 0.00	36.15 0.64 0.00	39.10 0.50 0.00	46.16 0.59 0.00	49.27 0.77 0.00	53.07 0.84 0.12	57.57 0.91 0.46	62.36 0.93 0.75	72.90 1.74 1.43	84.41 2.64 0.77	93.82 3.63 0.48	92.91 3.50 0.48	83.93 2.78 0.68	69.78 1.05 0.95	61.86 0.68 0.66	51.77 0.62 0.06
PJM_GEN_NEPTUNE_PROXY 323594	42.32 2.99 0.00	36.45 2.42 0.00	33.24 2.03 0.00	31.95 1.89 0.00	30.88 1.83 0.00	30.67 1.90 0.00	30.62 1.79 0.00	30.59 1.97 0.00	33.47 2.36 0.00	38.03 2.52 -3.26	44.64 2.78 -0.03	48.71 3.10 0.01	51.69 3.20 0.00	55.02 2.67 0.00	60.54 3.43 0.01	65.48 3.29 0.00	77.17 4.58 0.00	89.07 6.52 -0.01	97.55 6.89 0.00	95.38 5.48 0.00	85.91 4.09 0.00	71.91 2.23 0.00	55.60 1.67 7.92	52.33 1.13 0.00
PJM_GEN_VFT_PROXY 323633	41.85 2.52 0.00	36.24 2.21 0.00	33.18 1.97 0.00	31.89 1.83 0.00	30.88 1.83 0.00	30.70 1.93 0.00	30.85 2.02 0.00	30.79 2.17 0.00	33.44 2.33 0.00	37.85 2.34 0.00	41.07 2.47 0.00	48.26 2.69 0.00	51.40 2.91 0.00	53.84 3.25 1.76	54.21 3.66 6.57	54.90 3.48 10.76	56.96 4.79 20.43	77.84 6.36 11.05	90.54 6.71 6.83	89.17 6.20 6.93	77.24 5.07 9.65	58.97 2.86 13.56	54.15 1.79 9.49	52.56 2.15 0.80
PLATSBURG_115KV_PMLD1 355749	38.31 -1.02 0.00	33.25 -0.78 0.00	30.47 -0.75 0.00	29.37 -0.69 0.00	28.47 -0.58 0.00	28.17 -0.60 0.00	28.17 -0.66 0.00	28.02 -0.60 0.00	30.60 -0.50 0.00	35.15 -0.36 0.00	38.21 -0.39 0.00	45.07 -0.50 0.00	47.28 -1.21 0.00	50.57 -1.78 0.00	54.27 -2.86 0.00	58.64 -3.54 0.00	68.02 -4.57 0.00	76.60 -5.94 0.00	83.96 -6.71 0.00	83.87 -6.02 0.00	77.73 -4.09 0.00	67.24 -2.44 0.00	60.49 -1.36 0.00	50.44 -0.77 0.00
PLEASANTVLY___LBMP 24000	41.30 1.97 0.00	35.80 1.77 0.00	32.84 1.62 0.00	31.59 1.53 0.00	30.62 1.57 0.00	30.39 1.61 0.00	30.48 1.64 0.00	30.28 1.66 0.00	32.88 1.77 0.00	37.21 1.70 0.00	40.38 1.78 0.00	47.58 2.01 0.00	50.63 2.13 0.00	54.76 2.41 0.00	59.86 2.74 0.00	64.98 2.80 0.00	76.51 3.92 0.00	87.90 5.37 0.00	96.38 5.71 0.00	95.02 5.12 0.00	85.67 3.85 0.00	72.19 2.51 0.00	63.33 1.48 0.00	52.85 1.64 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.73 2.40 0.00	36.14 2.11 0.00	33.12 1.90 0.00	31.86 1.80 0.00	30.85 1.80 0.00	30.65 1.87 0.00	30.77 1.93 0.00	30.56 1.95 0.00	33.25 2.15 0.00	37.64 2.13 0.00	40.88 2.28 0.00	48.17 2.60 0.00	51.31 2.81 0.00	55.50 3.14 0.00	60.66 3.54 0.00	65.79 3.61 0.00	77.53 4.94 0.00	89.06 6.52 0.00	97.74 7.07 0.00	96.37 6.47 0.00	86.81 4.99 0.00	72.88 3.21 0.00	64.01 2.16 0.00	53.41 2.20 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.73 2.40 0.00	36.14 2.11 0.00	33.12 1.90 0.00	31.86 1.80 0.00	30.85 1.80 0.00	30.65 1.87 0.00	30.77 1.93 0.00	30.56 1.95 0.00	33.25 2.15 0.00	37.64 2.13 0.00	40.88 2.28 0.00	48.17 2.60 0.00	51.31 2.81 0.00	55.50 3.14 0.00	60.66 3.54 0.00	65.79 3.61 0.00	77.53 4.94 0.00	89.06 6.52 0.00	97.74 7.07 0.00	96.37 6.47 0.00	86.81 4.99 0.00	72.88 3.21 0.00	64.01 2.16 0.00	53.41 2.20 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.53 2.20 0.00	35.97 1.94 0.00	32.99 1.78 0.00	31.74 1.68 0.00	30.76 1.71 0.00	30.53 1.76 0.00	30.62 1.79 0.00	30.39 1.77 0.00	33.03 1.93 0.00	37.39 1.88 0.00	40.61 2.01 0.00	47.81 2.23 0.00	51.02 2.52 0.00	55.23 2.88 0.00	60.43 3.31 0.00	65.73 3.54 0.00	77.46 4.86 0.00	89.06 6.52 0.00	97.74 7.07 0.00	96.37 6.47 0.00	86.89 5.07 0.00	73.09 3.41 0.00	64.14 2.29 0.00	53.36 2.15 0.00
POLETTI_____ 23519	42.01 2.67 0.00	36.35 2.31 0.00	33.27 2.06 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.79 2.17 0.00	33.50 2.39 0.00	37.89 2.38 0.00	41.15 2.55 0.00	48.45 2.87 0.00	51.60 3.10 0.00	55.76 3.40 0.00	61.01 3.88 0.00	66.04 3.86 0.00	77.75 5.15 0.00	89.31 6.77 0.00	97.92 7.25 0.00	96.55 6.65 0.00	86.98 5.15 0.00	72.95 3.27 0.00	64.07 2.23 0.00	53.67 2.46 0.00
POMONA___ESR 323819	41.61 2.28 0.00	36.08 2.04 0.00	33.06 1.84 0.00	31.77 1.71 0.00	30.73 1.68 0.00	30.59 1.81 0.00	30.68 1.85 0.00	30.50 1.89 0.00	33.15 2.05 0.00	37.53 2.02 0.00	40.72 2.12 0.00	47.94 2.37 0.00	51.06 2.57 0.00	55.34 2.98 0.00	60.49 3.37 0.00	65.60 3.42 0.00	77.31 4.72 0.00	88.81 6.27 0.00	97.28 6.62 0.00	96.01 6.12 0.00	86.81 4.99 0.00	72.67 2.99 0.00	63.77 1.92 0.00	53.15 1.95 0.00
PORT_JEFF_3 23555	42.72 3.38 0.00	36.69 2.66 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.02 1.98 0.00	30.79 2.01 0.00	30.65 1.82 0.00	30.68 2.06 0.00	33.65 2.55 0.00	38.21 2.70 0.00	45.22 3.28 -3.34	49.31 3.60 -0.14	51.98 3.49 0.00	54.99 2.77 0.14	59.94 3.31 0.49	65.20 3.42 0.40	77.09 4.50 0.00	89.32 6.77 -0.01	97.82 7.16 0.00	95.29 5.39 0.00	84.55 3.85 1.12	70.60 1.81 0.89	56.27 1.67 7.25	52.28 1.08 0.00
PORT_JEFF_4 23616	42.72 3.38 0.00	36.69 2.66 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.02 1.98 0.00	30.79 2.01 0.00	30.65 1.82 0.00	30.68 2.06 0.00	33.65 2.55 0.00	38.21 2.70 0.00	45.22 3.28 -3.34	49.31 3.60 -0.14	51.98 3.49 0.00	54.99 2.77 0.14	59.94 3.31 0.49	65.20 3.42 0.40	77.09 4.50 0.00	89.32 6.77 -0.01	97.82 7.16 0.00	95.29 5.39 0.00	84.55 3.85 1.12	70.60 1.81 0.89	56.27 1.67 7.25	52.28 1.08 0.00

PORT_JEFF_IC 23713	42.79 3.46 0.00	36.76 2.72 0.00	33.46 2.25 0.00	32.16 2.10 0.00	31.08 2.03 0.00	30.79 2.01 0.00	30.71 1.87 0.00	30.68 2.06 0.00	33.68 2.58 0.00	38.24 2.73 0.00	45.34 3.40 -3.35	49.50 3.78 -0.15	52.13 3.64 0.00	55.10 2.93 0.19	60.00 3.54 0.66	65.45 3.79 0.53	77.16 4.57 0.00	89.39 6.85 0.00	98.01 7.34 0.00	95.38 5.48 0.00	83.79 3.44 1.47	71.36 2.86 1.17	56.86 2.29 7.28	52.64 1.43 0.00
PPL PILGRIM_ST_GT1 24216	42.95 3.62 0.00	36.96 2.93 0.00	33.65 2.44 0.00	32.34 2.28 0.00	31.23 2.18 0.00	30.99 2.22 0.00	30.88 2.05 0.00	30.88 2.26 0.00	33.87 2.77 0.00	38.46 2.95 0.00	45.44 3.48 -3.36	49.66 3.92 -0.17	52.28 3.79 0.00	55.46 3.14 0.04	61.12 4.00 0.00	65.54 3.86 0.50	77.82 5.23 0.00	89.65 7.10 -0.01	98.10 7.44 0.00	95.65 5.76 0.00	85.27 4.83 1.38	71.23 2.65 1.10	57.20 2.22 6.87	52.69 1.49 0.00
PPL PILGRIM_ST_GT2 24217	42.95 3.62 0.00	36.96 2.93 0.00	33.65 2.44 0.00	32.34 2.28 0.00	31.23 2.18 0.00	30.99 2.22 0.00	30.88 2.05 0.00	30.88 2.26 0.00	33.87 2.77 0.00	38.46 2.95 0.00	45.44 3.48 -3.36	49.66 3.92 -0.17	52.28 3.79 0.00	55.46 3.14 0.04	61.12 4.00 0.00	65.54 3.86 0.50	77.82 5.23 0.00	89.65 7.10 -0.01	98.10 7.44 0.00	95.65 5.76 0.00	85.27 4.83 1.38	71.23 2.65 1.10	57.20 2.22 6.87	52.69 1.49 0.00
PPL_SHRM_GT3 24213	42.36 3.03 0.00	36.35 2.32 0.00	33.09 1.87 0.00	31.83 1.77 0.00	30.70 1.65 0.00	30.47 1.70 0.00	30.30 1.47 0.00	30.33 1.72 0.00	33.31 2.21 0.00	37.82 2.31 0.00	44.92 2.97 -3.34	49.00 3.28 -0.14	51.64 3.15 0.00	54.77 2.56 0.15	59.91 3.31 0.52	65.30 3.54 0.43	77.38 4.79 0.00	89.89 7.34 -0.01	98.46 7.80 0.00	95.83 5.93 0.00	84.88 4.25 1.19	70.75 2.02 0.95	55.96 1.36 7.24	51.92 0.72 0.00
PPL_SHRM_GT4 24214	42.36 3.03 0.00	36.35 2.32 0.00	33.09 1.87 0.00	31.83 1.77 0.00	30.70 1.65 0.00	30.47 1.70 0.00	30.30 1.47 0.00	30.33 1.72 0.00	33.31 2.21 0.00	37.82 2.31 0.00	44.92 2.97 -3.34	49.00 3.28 -0.14	51.64 3.15 0.00	54.77 2.56 0.15	59.91 3.31 0.52	65.30 3.54 0.43	77.38 4.79 0.00	89.89 7.34 -0.01	98.46 7.80 0.00	95.83 5.93 0.00	84.88 4.25 1.19	70.75 2.02 0.95	55.96 1.36 7.24	51.92 0.72 0.00
PROJECT___ORANGE 1 24174	39.49 0.16 0.00	34.07 0.03 0.00	31.15 -0.06 0.00	30.00 -0.06 0.00	28.90 -0.15 0.00	28.60 -0.17 0.00	28.69 -0.14 0.00	28.47 -0.14 0.00	31.04 -0.06 0.00	35.37 -0.14 0.00	38.52 -0.08 0.00	45.62 0.05 0.00	48.59 0.10 0.00	52.56 0.21 0.00	57.35 0.23 0.00	62.43 0.25 0.00	73.24 0.65 0.00	83.53 0.99 0.00	92.57 1.90 0.00	91.87 1.98 0.00	83.29 1.47 0.00	70.37 0.70 0.00	62.16 0.31 0.00	51.36 0.15 0.00
PROJECT___ORANGE 2 24166	39.49 0.16 0.00	34.07 0.03 0.00	31.15 -0.06 0.00	30.00 -0.06 0.00	28.90 -0.15 0.00	28.60 -0.17 0.00	28.69 -0.14 0.00	28.47 -0.14 0.00	31.04 -0.06 0.00	35.37 -0.14 0.00	38.52 -0.08 0.00	45.62 0.05 0.00	48.59 0.10 0.00	52.56 0.21 0.00	57.35 0.23 0.00	62.43 0.25 0.00	73.24 0.65 0.00	83.53 0.99 0.00	92.57 1.90 0.00	91.87 1.98 0.00	83.29 1.47 0.00	70.37 0.70 0.00	62.16 0.31 0.00	51.36 0.15 0.00
PUCKETT___SOLAR 323809	40.71 1.38 0.00	35.05 1.02 0.00	32.09 0.87 0.00	30.87 0.81 0.00	29.77 0.73 0.00	29.44 0.66 0.00	29.53 0.69 0.00	29.24 0.63 0.00	31.79 0.68 0.00	36.08 0.57 0.00	39.07 0.46 0.00	46.26 0.68 0.00	49.32 0.82 0.00	53.40 1.05 0.00	58.26 1.14 0.00	63.55 1.37 0.00	74.98 2.39 0.00	86.01 3.47 0.00	95.92 5.26 0.00	95.56 5.67 0.00	86.81 4.99 0.00	72.89 3.21 0.00	64.32 2.48 0.00	52.95 1.74 0.00
PYRITES___HYD 24023	39.45 0.12 0.00	34.20 0.17 0.00	31.28 0.06 0.00	30.12 0.06 0.00	29.22 0.17 0.00	28.89 0.12 0.00	28.81 -0.03 0.00	28.53 -0.09 0.00	31.10 0.00 0.00	35.62 0.11 0.00	38.79 0.19 0.00	45.94 0.36 0.00	48.79 0.29 0.00	52.41 0.05 0.00	56.84 -0.29 0.00	61.81 -0.37 0.00	72.01 -0.58 0.00	81.38 -1.16 0.00	88.94 -1.72 0.00	89.00 -0.90 0.00	84.11 1.39 -0.89	71.72 1.95 -0.09	64.20 2.35 0.00	52.90 1.69 0.00
QUAKERRD_115KV_BK1 80622	39.49 0.16 0.00	33.80 -0.24 0.00	30.84 -0.37 0.00	29.70 -0.36 0.00	28.47 -0.58 0.00	28.11 -0.66 0.00	28.17 -0.66 0.00	27.99 -0.63 0.00	30.54 -0.56 0.00	34.91 -0.60 0.00	38.14 -0.46 0.00	45.21 -0.36 0.00	48.25 -0.24 0.00	52.04 -0.31 0.00	56.95 -0.17 0.00	62.06 -0.12 0.00	72.81 0.22 0.00	83.20 0.66 0.00	92.66 1.99 0.00	92.14 2.25 0.00	83.38 1.55 0.00	70.17 0.49 0.00	62.22 0.37 0.00	51.21 0.00 0.00
QUENSBRY_115KV_TB8 356137	41.22 1.89 0.00	35.63 1.60 0.00	32.59 1.37 0.00	31.29 1.23 0.00	30.32 1.28 0.00	30.04 1.27 0.00	30.13 1.30 0.00	29.82 1.20 0.00	32.56 1.46 0.00	36.97 1.46 0.00	39.84 1.24 0.00	47.08 1.50 0.00	49.90 1.41 0.00	54.08 1.73 0.00	59.41 2.28 0.00	64.98 2.80 0.00	76.37 3.77 0.00	88.15 5.61 0.00	98.19 7.53 0.00	97.81 7.91 0.00	88.86 7.04 0.00	74.97 5.30 0.00	65.43 3.59 0.00	54.02 2.82 0.00
RAMAPO___LBMP 323565	41.46 2.12 0.00	35.94 1.91 0.00	32.90 1.69 0.00	31.65 1.59 0.00	30.64 1.60 0.00	30.44 1.67 0.00	30.56 1.73 0.00	30.36 1.75 0.00	33.00 1.90 0.00	37.36 1.85 0.00	40.53 1.93 0.00	47.76 2.19 0.00	50.82 2.33 0.00	54.97 2.62 0.00	60.15 3.03 0.00	65.23 3.05 0.00	76.80 4.21 0.00	88.23 5.70 0.00	96.74 6.07 0.00	95.47 5.57 0.00	86.08 4.25 0.00	72.40 2.72 0.00	63.52 1.67 0.00	53.00 1.79 0.00
RANKINE____ 23646	40.00 0.67 0.00	34.00 -0.03 0.00	30.84 -0.37 0.00	29.82 -0.24 0.00	28.29 -0.76 0.00	28.00 -0.78 0.00	28.08 -0.75 0.00	27.93 -0.69 0.00	30.42 -0.68 0.00	34.84 -0.67 0.00	37.91 -0.69 0.00	44.98 -0.59 0.00	48.06 -0.44 0.00	51.57 -0.79 0.00	56.26 -0.86 0.00	61.44 -0.75 0.00	72.23 -0.36 0.00	82.70 0.17 0.00	93.02 2.36 0.00	92.86 2.97 0.00	83.70 1.88 0.00	70.10 0.42 0.00	62.53 0.68 0.00	51.36 0.15 0.00
RAVENSWOOD_GT2_1 24244	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.82 2.20 0.00	33.50 2.39 0.00	37.92 2.41 0.00	41.23 2.62 0.00	48.54 2.96 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.82 5.23 0.00	89.39 6.85 0.00	98.01 7.34 0.00	96.64 6.74 0.00	87.06 5.24 0.00	73.09 3.41 0.00	64.14 2.29 0.00	53.72 2.51 0.00
RAVENSWOOD_GT2_2 24245	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.82 2.20 0.00	33.50 2.39 0.00	37.92 2.41 0.00	41.23 2.62 0.00	48.54 2.96 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.82 5.23 0.00	89.39 6.85 0.00	98.01 7.34 0.00	96.64 6.74 0.00	87.06 5.24 0.00	73.09 3.41 0.00	64.14 2.29 0.00	53.72 2.51 0.00

RAVENSWOOD_GT2_3 24246	42.05 2.71 0.00	36.42 2.38 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.05 2.00 0.00	30.82 2.04 0.00	31.00 2.16 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.96 2.45 0.00	41.23 2.62 0.00	48.54 2.96 0.00	51.70 3.20 0.00	55.86 3.51 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.89 5.30 0.00	89.47 6.93 0.00	98.10 7.43 0.00	96.73 6.83 0.00	87.14 5.32 0.00	73.09 3.41 0.00	64.20 2.35 0.00	53.72 2.51 0.00
RAVENSWOOD_GT2_4 24247	42.05 2.71 0.00	36.42 2.38 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.05 2.00 0.00	30.82 2.04 0.00	31.00 2.16 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.96 2.45 0.00	41.23 2.62 0.00	48.54 2.96 0.00	51.70 3.20 0.00	55.86 3.51 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.89 5.30 0.00	89.47 6.93 0.00	98.10 7.43 0.00	96.73 6.83 0.00	87.14 5.32 0.00	73.09 3.41 0.00	64.20 2.35 0.00	53.72 2.51 0.00
RAVENSWOOD_GT3_1 24248	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.92 2.41 0.00	41.23 2.62 0.00	48.54 2.96 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.82 5.23 0.00	89.39 6.85 0.00	98.01 7.34 0.00	96.73 6.83 0.00	87.06 5.24 0.00	73.09 3.41 0.00	64.14 2.29 0.00	53.72 2.51 0.00
RAVENSWOOD_GT3_2 24249	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.92 2.41 0.00	41.23 2.62 0.00	48.54 2.96 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.82 5.23 0.00	89.39 6.85 0.00	98.01 7.34 0.00	96.73 6.83 0.00	87.06 5.24 0.00	73.09 3.41 0.00	64.14 2.29 0.00	53.72 2.51 0.00
RAVENSWOOD_GT3_3 24250	42.09 2.75 0.00	36.45 2.42 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.08 2.03 0.00	30.85 2.07 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.56 2.46 0.00	38.00 2.49 0.00	41.26 2.66 0.00	48.63 3.05 0.00	51.74 3.25 0.00	55.91 3.56 0.00	61.18 4.06 0.00	66.22 4.04 0.00	77.96 5.37 0.00	89.56 7.02 0.00	98.28 7.62 0.00	96.91 7.01 0.00	87.22 5.40 0.00	73.23 3.55 0.00	64.26 2.41 0.00	53.82 2.61 0.00
RAVENSWOOD_GT3_4 24251	42.09 2.75 0.00	36.45 2.42 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.08 2.03 0.00	30.85 2.07 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.56 2.46 0.00	38.00 2.49 0.00	41.26 2.66 0.00	48.63 3.05 0.00	51.74 3.25 0.00	55.91 3.56 0.00	61.18 4.06 0.00	66.22 4.04 0.00	77.96 5.37 0.00	89.56 7.02 0.00	98.28 7.62 0.00	96.91 7.01 0.00	87.22 5.40 0.00	73.23 3.55 0.00	64.26 2.41 0.00	53.82 2.61 0.00
RAVENSWOOD_GT_1 23729	42.28 2.95 0.00	36.59 2.55 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.91 2.29 0.00	33.62 2.52 0.00	38.00 2.49 0.00	41.34 2.74 0.00	48.72 3.14 0.00	51.79 3.30 0.00	55.86 3.51 0.00	61.06 3.94 0.00	65.98 3.79 0.00	77.59 5.01 0.01	89.14 6.60 0.01	97.73 7.07 0.01	96.36 6.47 0.01	86.81 4.99 0.01	71.84 3.14 0.98	63.94 2.10 0.01	53.67 2.46 0.00
RAVENSWOOD_GT_10 24258	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.92 2.41 0.00	41.23 2.62 0.00	48.54 2.96 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.89 5.30 0.00	89.39 6.85 0.00	98.10 7.43 0.00	96.73 6.83 0.00	87.06 5.24 0.00	73.00 3.41 0.09	64.20 2.35 0.00	53.72 2.51 0.00
RAVENSWOOD_GT_11 24259	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.92 2.41 0.00	41.23 2.62 0.00	48.54 2.96 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.89 5.30 0.00	89.39 6.85 0.00	98.10 7.43 0.00	96.73 6.83 0.00	87.06 5.24 0.00	73.00 3.41 0.09	64.20 2.35 0.00	53.72 2.51 0.00
RAVENSWOOD_GT_4 24252	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.79 2.17 0.00	33.50 2.39 0.00	37.92 2.41 0.00	41.19 2.59 0.00	48.49 2.92 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.16 3.98 0.00	77.96 5.37 0.01	89.55 7.02 0.01	98.18 7.53 0.01	96.81 6.92 0.01	87.22 5.40 0.01	72.42 3.48 0.74	64.25 2.41 0.01	53.72 2.51 0.00
RAVENSWOOD_GT_5 24254	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.79 2.17 0.00	33.50 2.39 0.00	37.92 2.41 0.00	41.19 2.59 0.00	48.49 2.92 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.16 3.98 0.00	77.96 5.37 0.01	89.55 7.02 0.01	98.18 7.53 0.01	96.81 6.92 0.01	87.22 5.40 0.01	72.42 3.48 0.74	64.25 2.41 0.01	53.72 2.51 0.00
RAVENSWOOD_GT_6 24253	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.79 2.17 0.00	33.50 2.39 0.00	37.92 2.41 0.00	41.19 2.59 0.00	48.49 2.92 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.16 3.98 0.00	77.96 5.37 0.01	89.55 7.02 0.01	98.18 7.53 0.01	96.81 6.92 0.01	87.22 5.40 0.01	72.42 3.48 0.74	64.25 2.41 0.01	53.72 2.51 0.00
RAVENSWOOD_GT_7 24255	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.79 2.17 0.00	33.50 2.39 0.00	37.92 2.41 0.00	41.19 2.59 0.00	48.49 2.92 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.16 3.98 0.00	77.96 5.37 0.01	89.55 7.02 0.01	98.18 7.53 0.01	96.81 6.92 0.01	87.22 5.40 0.01	72.42 3.48 0.74	64.25 2.41 0.01	53.72 2.51 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.92 2.41 0.00	41.23 2.62 0.00	48.54 2.96 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.89 5.30 0.00	89.39 6.85 0.00	98.10 7.43 0.00	96.73 6.83 0.00	87.06 5.24 0.00	73.00 3.41 0.09	64.20 2.35 0.00	53.72 2.51 0.00
RAVENSWOOD_GT_9 24257	42.05 2.71 0.00	36.38 2.35 0.00	33.31 2.09 0.00	32.01 1.95 0.00	31.05 2.00 0.00	30.82 2.04 0.00	30.97 2.13 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.92 2.41 0.00	41.23 2.62 0.00	48.54 2.96 0.00	51.65 3.15 0.00	55.81 3.46 0.00	61.06 3.94 0.00	66.10 3.92 0.00	77.89 5.30 0.00	89.39 6.85 0.00	98.10 7.43 0.00	96.73 6.83 0.00	87.06 5.24 0.00	73.00 3.41 0.09	64.20 2.35 0.00	53.72 2.51 0.00

RAVENSWOOD___1 23533	42.25 2.91 -0.01	36.60 2.55 -0.01	33.43 2.22 0.00	32.13 2.07 0.00	31.11 2.06 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.93 2.32 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.30 2.70 0.00	48.67 3.10 0.00	51.74 3.25 0.00	55.86 3.51 0.00	61.06 3.94 0.00	65.91 3.73 0.00	77.52 4.94 0.01	89.14 6.61 0.01	97.64 6.98 0.01	96.36 6.48 0.01	87.13 5.32 0.01	71.38 3.06 1.37	63.82 1.98 0.01	53.57 2.36 0.00
RAVENSWOOD___2 23534	42.17 2.83 -0.01	36.52 2.48 -0.01	33.37 2.15 0.00	32.07 2.01 0.00	31.02 1.98 0.00	30.85 2.07 0.00	31.00 2.16 0.00	30.88 2.26 0.00	33.56 2.46 0.00	37.96 2.45 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.76 3.40 0.00	60.95 3.83 0.00	65.48 3.29 0.00	76.87 4.28 0.01	88.39 5.86 0.01	96.82 6.17 0.01	95.46 5.58 0.01	86.39 4.58 0.01	70.74 2.44 1.38	63.45 1.61 0.01	53.46 2.25 0.00
RAVENSWOOD___3 23535	42.04 2.71 0.00	36.38 2.35 0.00	33.34 2.12 0.00	32.04 1.98 0.00	31.02 1.98 0.00	30.85 2.07 0.00	30.97 2.13 0.00	30.85 2.23 0.00	33.56 2.46 0.00	37.96 2.45 0.00	41.23 2.63 0.00	48.53 2.96 0.00	51.65 3.15 0.00	55.86 3.51 0.00	61.12 4.00 0.00	66.10 3.92 0.00	77.82 5.23 0.00	89.47 6.93 0.00	98.01 7.34 0.00	96.72 6.83 0.00	87.46 5.64 0.00	73.02 3.34 0.00	64.07 2.22 0.00	53.62 2.41 0.00
RAVENSWOOD___4 23820	42.25 2.91 -0.01	36.56 2.52 -0.01	33.40 2.18 0.00	32.10 2.04 0.00	31.08 2.03 0.00	30.88 2.10 0.00	31.02 2.19 0.00	30.91 2.29 0.00	33.62 2.52 0.00	37.99 2.48 0.00	41.30 2.70 0.00	48.63 3.05 0.00	51.69 3.20 0.00	55.86 3.51 0.00	61.06 3.94 0.00	65.85 3.67 0.00	77.52 4.94 0.01	89.05 6.52 0.01	97.54 6.89 0.01	96.27 6.38 0.01	87.05 5.24 0.01	70.98 3.06 1.76	63.76 1.92 0.01	53.51 2.31 0.00
RCPL_TRUST___DRP 24196	42.05 2.71 0.00	36.42 2.38 0.00	33.31 2.09 0.00	32.04 1.98 0.00	31.05 2.00 0.00	30.82 2.04 0.00	31.00 2.16 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.96 2.45 0.00	41.26 2.66 0.00	48.58 3.01 0.00	51.70 3.20 0.00	55.91 3.56 0.00	61.18 4.06 0.00	66.22 4.04 0.00	77.96 5.37 0.00	89.56 7.02 0.00	98.28 7.62 0.00	96.91 7.01 0.00	87.30 5.48 0.00	73.23 3.55 0.00	64.26 2.41 0.00	53.77 2.56 0.00
RED___ROCHESTER 323720	40.79 1.46 0.00	34.85 0.82 0.00	31.90 0.69 0.00	30.66 0.60 0.00	29.45 0.41 0.00	28.89 0.12 0.00	29.06 0.23 0.00	28.79 0.17 0.00	31.51 0.40 0.00	36.01 0.50 0.00	39.30 0.70 0.00	46.62 1.05 0.00	49.80 1.31 0.00	53.71 1.36 0.00	58.78 1.66 0.00	64.11 1.93 0.00	75.28 2.69 0.00	85.84 3.31 0.00	95.83 5.17 0.00	95.29 5.39 0.00	86.57 4.74 0.00	72.54 2.86 0.00	64.63 2.79 0.00	53.10 1.90 0.00
REGAN___SOLAR 323812	42.59 3.26 0.00	36.79 2.76 0.00	33.65 2.44 0.00	32.34 2.28 0.00	31.31 2.27 0.00	31.02 2.25 0.00	31.00 2.16 0.00	30.56 1.95 0.00	33.19 2.08 0.00	37.60 2.09 0.00	40.76 2.16 0.00	48.12 2.55 0.00	51.16 2.67 0.00	55.50 3.14 0.00	60.78 3.66 0.00	66.41 4.23 0.00	78.04 5.45 0.00	90.30 7.76 0.00	100.46 9.79 0.00	100.77 10.87 0.00	92.05 10.23 0.00	77.41 7.73 0.00	67.85 6.00 0.00	55.97 4.76 0.00
RENSSELAER___COGEN 23796	40.04 0.71 0.00	34.88 0.85 0.00	32.02 0.81 0.00	30.84 0.78 0.00	29.80 0.75 0.00	29.61 0.84 0.00	29.67 0.84 0.00	29.39 0.77 0.00	31.85 0.75 0.00	36.11 0.60 0.00	39.03 0.43 0.00	45.94 0.36 0.00	48.84 0.34 0.00	52.67 0.32 0.00	57.58 0.45 0.00	62.74 0.56 0.00	73.61 1.02 0.00	84.52 1.98 0.00	92.66 1.99 0.00	91.60 1.70 0.00	83.05 1.23 0.00	70.17 0.49 0.00	61.66 -0.18 0.00	51.26 0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.09 2.75 0.00	36.28 2.25 0.00	33.02 1.81 0.00	31.65 1.59 0.00	30.73 1.68 0.00	30.44 1.67 0.00	30.51 1.67 0.00	30.13 1.52 0.00	33.19 2.08 0.00	37.75 2.24 0.00	40.72 2.12 0.00	48.35 2.78 0.00	51.07 2.57 0.00	55.55 3.19 0.00	61.18 4.06 0.00	67.16 4.97 0.00	79.20 6.61 0.00	91.95 9.41 0.00	103.18 12.51 0.00	103.47 13.57 0.00	94.26 12.44 0.00	79.08 9.41 0.00	68.47 6.62 0.00	56.18 4.97 0.00
REVERE_CPPR_DRP 24186	40.75 1.42 0.00	35.16 1.12 0.00	32.15 0.94 0.00	30.93 0.87 0.00	29.92 0.87 0.00	29.67 0.89 0.00	29.61 0.78 0.00	29.36 0.74 0.00	31.94 0.84 0.00	36.33 0.82 0.00	39.49 0.89 0.00	46.90 1.32 0.00	49.90 1.41 0.00	53.98 1.62 0.00	59.01 1.89 0.00	64.36 2.18 0.00	75.79 3.19 0.00	86.75 4.21 0.00	97.28 6.62 0.00	96.73 6.83 0.00	87.95 6.05 -0.07	74.08 4.39 -0.01	65.37 3.53 0.00	53.82 2.61 0.00
REYNLDPA_13_KV_LD 356490	38.66 -0.67 0.00	33.56 -0.48 0.00	30.75 -0.47 0.00	29.61 -0.45 0.00	28.67 -0.38 0.00	28.34 -0.43 0.00	28.37 -0.46 0.00	28.16 -0.46 0.00	30.70 -0.40 0.00	35.30 -0.21 0.00	38.41 -0.19 0.00	45.39 -0.18 0.00	48.25 -0.24 0.00	51.94 -0.42 0.00	56.38 -0.74 0.00	61.31 -0.87 0.00	71.14 -1.45 0.00	80.06 -2.48 0.00	87.22 -3.45 0.00	86.57 -3.33 0.00	79.74 -1.96 0.11	68.83 -0.84 0.01	61.72 -0.12 0.00	51.11 -0.10 0.00
REYNOLDS_115KV_TB3 80639	40.35 1.02 0.00	35.16 1.12 0.00	32.37 1.15 0.00	31.17 1.11 0.00	30.18 1.13 0.00	29.90 1.12 0.00	30.02 1.18 0.00	29.70 1.09 0.00	32.19 1.09 0.00	36.47 0.96 0.00	39.33 0.73 0.00	46.30 0.73 0.00	49.27 0.78 0.00	53.19 0.84 0.00	58.21 1.09 0.00	63.43 1.24 0.00	74.48 1.89 0.00	85.51 2.97 0.00	93.75 3.08 0.00	92.68 2.79 0.00	83.79 1.96 0.00	70.93 1.25 0.00	62.34 0.49 0.00	51.77 0.56 0.00
RIVERBAY____ 323610	42.99 3.66 0.00	37.20 3.17 0.00	34.00 2.78 -0.01	32.68 2.62 -0.01	31.67 2.61 -0.01	31.40 2.62 -0.01	31.52 2.68 -0.01	31.37 2.75 -0.01	34.06 2.95 0.00	38.49 2.98 0.00	41.93 3.32 -0.01	49.36 3.78 0.00	52.52 4.03 0.00	56.66 4.29 -0.01	61.93 4.80 -0.01	66.92 4.73 -0.01	78.70 6.10 -0.01	90.47 7.92 -0.01	99.19 8.52 -0.01	97.90 8.00 -0.01	88.21 6.38 -0.01	74.01 4.32 -0.01	64.95 3.09 -0.01	54.54 3.33 -0.01
RIVERSDE_115KV_TB3 55908	40.24 0.90 0.00	35.05 1.02 0.00	32.34 1.12 0.00	31.14 1.08 0.00	30.12 1.07 0.00	29.87 1.09 0.00	29.96 1.12 0.00	29.65 1.03 0.00	32.16 1.06 0.00	36.47 0.96 0.00	39.26 0.66 0.00	46.21 0.64 0.00	49.13 0.63 0.00	53.04 0.68 0.00	58.04 0.91 0.00	63.24 1.06 0.00	74.26 1.67 0.00	85.26 2.72 0.00	93.48 2.81 0.00	92.50 2.61 0.00	83.62 1.80 0.00	70.79 1.11 0.00	62.22 0.37 0.00	51.67 0.46 0.00
ROARING___BROOK_WT_PWR 323790	38.47 -0.87 0.00	33.32 -0.72 0.00	30.56 -0.66 0.00	29.43 -0.63 0.00	28.47 -0.58 0.00	28.20 -0.58 0.00	28.26 -0.58 0.00	28.10 -0.51 0.00	30.60 -0.50 0.00	35.01 -0.50 0.00	38.10 -0.50 0.00	44.94 -0.64 0.00	47.77 -0.73 0.00	51.52 -0.84 0.00	56.10 -1.03 0.00	61.12 -1.06 0.00	71.29 -1.30 0.00	80.97 -1.57 0.00	89.04 -1.63 0.00	88.45 -1.44 0.00	80.60 -1.23 0.00	68.85 -0.83 0.00	61.17 -0.68 0.00	50.60 -0.61 0.00

ROCHESRG_115KV_T4 355643	40.20 0.87 0.00	34.37 0.34 0.00	31.37 0.16 0.00	30.21 0.15 0.00	28.87 -0.17 0.00	28.55 -0.23 0.00	28.60 -0.23 0.00	28.42 -0.20 0.00	30.98 -0.12 0.00	35.44 -0.07 0.00	38.64 0.04 0.00	45.80 0.23 0.00	48.93 0.44 0.00	52.72 0.37 0.00	57.64 0.51 0.00	62.87 0.68 0.00	73.75 1.16 0.00	84.27 1.73 0.00	94.02 3.35 0.00	93.58 3.69 0.00	84.60 2.78 0.00	71.14 1.46 0.00	63.21 1.36 0.00	52.03 0.82 0.00
ROCHESTER_9_IC 23652	40.51 1.18 0.00	34.61 0.58 0.00	31.56 0.34 0.00	30.42 0.36 0.00	29.08 0.03 0.00	28.75 -0.03 0.00	28.78 -0.06 0.00	28.59 -0.03 0.00	31.20 0.09 0.00	35.69 0.18 0.00	38.99 0.39 0.00	46.21 0.64 0.00	49.37 0.87 0.00	53.24 0.89 0.00	58.21 1.09 0.00	63.49 1.31 0.00	74.55 1.96 0.00	85.10 2.56 0.00	95.02 4.35 0.00	94.48 4.58 0.00	85.50 3.68 0.00	71.91 2.23 0.00	63.83 1.98 0.00	52.49 1.28 0.00
ROCKVIEW_13_KV_LD 356306	41.97 2.64 0.00	36.35 2.31 0.00	33.27 2.06 0.00	32.01 1.95 0.00	31.02 1.98 0.00	30.79 2.01 0.00	30.91 2.08 0.00	30.73 2.12 0.00	33.44 2.33 0.00	37.85 2.34 0.00	41.15 2.55 0.00	48.49 2.92 0.00	51.65 3.15 0.00	55.86 3.51 0.00	61.06 3.94 0.00	66.22 4.04 0.00	78.11 5.52 0.00	89.72 7.18 0.00	98.46 7.80 0.00	97.09 7.19 0.00	87.39 5.56 0.00	73.37 3.69 0.00	64.32 2.47 0.00	53.72 2.51 0.00
ROME____115KV_TB2 80656	40.75 1.42 0.00	35.16 1.12 0.00	32.15 0.94 0.00	30.93 0.87 0.00	29.92 0.87 0.00	29.67 0.89 0.00	29.61 0.78 0.00	29.36 0.74 0.00	31.94 0.84 0.00	36.33 0.82 0.00	39.49 0.89 0.00	46.90 1.32 0.00	49.90 1.41 0.00	53.98 1.62 0.00	59.01 1.89 0.00	64.36 2.18 0.00	75.79 3.19 0.00	86.75 4.21 0.00	97.28 6.62 0.00	96.73 6.83 0.00	87.95 6.05 -0.07	74.08 4.39 -0.01	65.37 3.53 0.00	53.82 2.61 0.00
ROSETON___1 23587	41.30 1.97 0.00	35.77 1.73 0.00	32.81 1.59 0.00	31.56 1.50 0.00	30.53 1.48 0.00	30.36 1.58 0.00	30.45 1.61 0.00	30.28 1.66 0.00	32.84 1.74 0.00	37.21 1.70 0.00	40.38 1.78 0.00	47.53 1.96 0.00	50.63 2.13 0.00	54.76 2.41 0.00	59.81 2.69 0.00	64.85 2.67 0.00	76.29 3.70 0.00	87.66 5.12 0.00	96.10 5.44 0.00	94.84 4.94 0.00	85.83 4.01 0.00	71.97 2.30 0.00	63.15 1.30 0.00	52.69 1.49 0.00
ROSETON___2 23588	41.30 1.97 0.00	35.77 1.73 0.00	32.81 1.59 0.00	31.56 1.50 0.00	30.53 1.48 0.00	30.36 1.58 0.00	30.45 1.61 0.00	30.28 1.66 0.00	32.84 1.74 0.00	37.21 1.70 0.00	40.38 1.78 0.00	47.53 1.96 0.00	50.63 2.13 0.00	54.76 2.41 0.00	59.81 2.69 0.00	64.85 2.67 0.00	76.29 3.70 0.00	87.66 5.12 0.00	96.10 5.44 0.00	94.84 4.94 0.00	85.83 4.01 0.00	71.97 2.30 0.00	63.15 1.30 0.00	52.69 1.49 0.00
ROTTRDAM_115KV_TB3 80664	40.63 1.30 0.00	35.16 1.12 0.00	32.28 1.06 0.00	31.05 0.99 0.00	30.03 0.99 0.00	29.78 1.01 0.00	29.84 1.01 0.00	29.56 0.94 0.00	32.07 0.96 0.00	36.40 0.89 0.00	39.49 0.89 0.00	46.58 1.00 0.00	49.56 1.07 0.00	53.56 1.20 0.00	58.61 1.49 0.00	63.86 1.68 0.00	74.91 2.32 0.00	85.84 3.30 0.00	94.56 3.90 0.00	93.85 3.96 0.00	85.09 3.27 0.00	72.05 2.37 0.00	63.46 1.61 0.00	52.59 1.38 0.00
RUSSELL___1 23602	40.79 1.46 0.00	34.85 0.82 0.00	31.74 0.53 0.00	30.57 0.51 0.00	29.22 0.17 0.00	28.89 0.12 0.00	28.92 0.09 0.00	28.73 0.11 0.00	31.38 0.28 0.00	35.90 0.39 0.00	39.26 0.66 0.00	46.62 1.05 0.00	49.80 1.31 0.00	53.72 1.36 0.00	58.78 1.66 0.00	64.11 1.93 0.00	75.28 2.69 0.00	85.84 3.30 0.00	95.83 5.17 0.00	95.38 5.48 0.00	86.32 4.50 0.00	72.60 2.93 0.00	64.45 2.60 0.00	52.90 1.69 0.00
RUSSELL___2 23532	40.79 1.46 0.00	34.85 0.82 0.00	31.74 0.53 0.00	30.57 0.51 0.00	29.22 0.17 0.00	28.89 0.12 0.00	28.92 0.09 0.00	28.73 0.11 0.00	31.38 0.28 0.00	35.90 0.39 0.00	39.26 0.66 0.00	46.62 1.05 0.00	49.80 1.31 0.00	53.72 1.36 0.00	58.78 1.66 0.00	64.11 1.93 0.00	75.28 2.69 0.00	85.84 3.30 0.00	95.83 5.17 0.00	95.38 5.48 0.00	86.32 4.50 0.00	72.60 2.93 0.00	64.45 2.60 0.00	52.90 1.69 0.00
RUSSELL___3 23549	40.79 1.46 0.00	34.85 0.82 0.00	31.74 0.53 0.00	30.57 0.51 0.00	29.22 0.17 0.00	28.89 0.12 0.00	28.92 0.09 0.00	28.73 0.11 0.00	31.38 0.28 0.00	35.90 0.39 0.00	39.26 0.66 0.00	46.62 1.05 0.00	49.80 1.31 0.00	53.72 1.36 0.00	58.78 1.66 0.00	64.11 1.93 0.00	75.28 2.69 0.00	85.84 3.30 0.00	95.83 5.17 0.00	95.38 5.48 0.00	86.32 4.50 0.00	72.60 2.93 0.00	64.45 2.60 0.00	52.90 1.69 0.00
RUSSELL___4 23556	40.79 1.46 0.00	34.85 0.82 0.00	31.74 0.53 0.00	30.57 0.51 0.00	29.22 0.17 0.00	28.89 0.12 0.00	28.92 0.09 0.00	28.73 0.11 0.00	31.38 0.28 0.00	35.90 0.39 0.00	39.26 0.66 0.00	46.62 1.05 0.00	49.80 1.31 0.00	53.72 1.36 0.00	58.78 1.66 0.00	64.11 1.93 0.00	75.28 2.69 0.00	85.84 3.30 0.00	95.83 5.17 0.00	95.38 5.48 0.00	86.32 4.50 0.00	72.60 2.93 0.00	64.45 2.60 0.00	52.90 1.69 0.00
RUSSELL___STATION 23914	40.79 1.46 0.00	34.85 0.82 0.00	31.74 0.53 0.00	30.57 0.51 0.00	29.22 0.17 0.00	28.89 0.12 0.00	28.92 0.09 0.00	28.73 0.11 0.00	31.38 0.28 0.00	35.90 0.39 0.00	39.26 0.66 0.00	46.62 1.05 0.00	49.80 1.31 0.00	53.72 1.36 0.00	58.78 1.66 0.00	64.11 1.93 0.00	75.28 2.69 0.00	85.84 3.30 0.00	95.83 5.17 0.00	95.38 5.48 0.00	86.32 4.50 0.00	72.60 2.93 0.00	64.45 2.60 0.00	52.90 1.69 0.00
S SALMON___HYD 24043	39.45 0.12 0.00	34.03 0.00 0.00	31.15 -0.06 0.00	30.00 -0.06 0.00	28.99 -0.06 0.00	28.66 -0.11 0.00	28.69 -0.14 0.00	28.45 -0.17 0.00	30.98 -0.12 0.00	35.22 -0.29 0.00	38.33 -0.27 0.00	45.39 -0.18 0.00	48.21 -0.29 0.00	52.15 -0.21 0.00	56.95 -0.17 0.00	61.81 -0.37 0.00	72.66 0.07 0.00	83.04 0.50 0.00	92.84 2.17 0.00	92.50 2.61 0.00	84.36 2.45 -0.08	71.29 1.60 -0.01	62.96 1.11 0.00	51.98 0.77 0.00
S.PERRY__115KV_TB1 80734	41.97 2.64 0.00	35.77 1.74 0.00	32.49 1.28 0.00	31.26 1.20 0.00	29.83 0.78 0.00	29.44 0.66 0.00	29.35 0.52 0.00	28.90 0.29 0.00	31.23 0.12 0.00	35.51 0.00 0.00	38.56 -0.04 0.00	45.62 0.05 0.00	48.83 0.34 0.00	52.67 0.31 0.00	55.69 -1.43 0.00	60.81 -1.37 0.00	72.01 -0.58 0.00	82.95 0.41 0.00	94.11 3.45 0.00	95.20 5.30 0.00	86.65 4.83 0.00	72.81 3.14 0.00	64.38 2.54 0.00	52.74 1.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.88 0.55 0.00	33.90 -0.14 0.00	30.84 -0.37 0.00	29.79 -0.27 0.00	28.29 -0.76 0.00	27.97 -0.81 0.00	28.06 -0.78 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.73 -0.78 0.00	37.79 -0.81 0.00	44.80 -0.77 0.00	47.91 -0.58 0.00	51.36 -0.99 0.00	56.09 -1.03 0.00	61.19 -0.99 0.00	71.94 -0.65 0.00	82.29 -0.25 0.00	92.48 1.81 0.00	92.23 2.34 0.00	83.13 1.31 0.00	69.54 -0.14 0.00	62.16 0.31 0.00	51.16 -0.05 0.00

SAWYER___23_KV_LOAD 55526	39.88 0.55 0.00	33.90 -0.14 0.00	30.84 -0.37 0.00	29.79 -0.27 0.00	28.29 -0.76 0.00	27.97 -0.81 0.00	28.06 -0.78 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.73 -0.78 0.00	37.79 -0.81 0.00	44.80 -0.77 0.00	47.91 -0.58 0.00	51.36 -0.99 0.00	56.09 -1.03 0.00	61.19 -0.99 0.00	71.94 -0.65 0.00	82.29 -0.25 0.00	92.48 1.81 0.00	92.23 2.34 0.00	83.13 1.31 0.00	69.54 -0.14 0.00	62.16 0.31 0.00	51.16 -0.05 0.00
SELKIRK___I 23801	40.43 1.10 0.00	35.12 1.09 0.00	32.24 1.03 0.00	31.05 0.99 0.00	30.03 0.99 0.00	29.81 1.03 0.00	29.84 1.01 0.00	29.53 0.92 0.00	31.97 0.87 0.00	36.26 0.75 0.00	39.22 0.62 0.00	46.26 0.68 0.00	49.08 0.58 0.00	51.99 -0.36 0.00	56.89 -0.23 0.00	62.00 -0.19 0.00	72.66 0.07 0.00	83.36 0.83 0.00	91.48 0.81 0.00	90.70 0.81 0.00	82.32 0.49 0.00	69.68 0.00 0.00	61.29 -0.56 0.00	50.95 -0.25 0.00
SELKIRK___II 23799	40.20 0.86 0.00	34.95 0.92 0.00	32.09 0.87 0.00	30.90 0.84 0.00	29.86 0.81 0.00	29.67 0.89 0.00	29.70 0.86 0.00	29.45 0.83 0.00	31.91 0.81 0.00	36.18 0.67 0.00	39.18 0.58 0.00	46.16 0.59 0.00	48.88 0.39 0.00	52.67 0.32 0.00	57.58 0.45 0.00	62.68 0.50 0.00	73.53 0.94 0.00	84.35 1.81 0.00	92.48 1.81 0.00	91.52 1.62 0.00	82.97 1.14 0.00	70.17 0.49 0.00	61.72 -0.12 0.00	51.26 0.05 0.00
SENECA OSWGO___HYD 24041	39.14 -0.20 0.00	33.76 -0.27 0.00	30.93 -0.28 0.00	29.79 -0.27 0.00	28.73 -0.32 0.00	28.40 -0.37 0.00	28.49 -0.34 0.00	28.27 -0.34 0.00	30.79 -0.31 0.00	35.09 -0.42 0.00	38.18 -0.42 0.00	45.16 -0.41 0.00	48.11 -0.39 0.00	52.04 -0.31 0.00	56.78 -0.34 0.00	61.75 -0.43 0.00	72.45 -0.14 0.00	82.62 0.08 0.00	91.48 0.81 0.00	90.79 0.90 0.00	82.56 0.73 0.00	69.68 0.00 0.00	61.60 -0.25 0.00	50.95 -0.25 0.00
SENECA___115KV_TB3 355854	40.08 0.75 0.00	34.07 0.03 0.00	30.90 -0.31 0.00	29.85 -0.21 0.00	28.32 -0.73 0.00	28.03 -0.75 0.00	28.11 -0.72 0.00	27.96 -0.66 0.00	30.45 -0.65 0.00	34.87 -0.64 0.00	37.98 -0.62 0.00	45.03 -0.55 0.00	48.16 -0.34 0.00	51.67 -0.68 0.00	56.38 -0.74 0.00	61.56 -0.62 0.00	72.37 -0.22 0.00	82.87 0.33 0.00	93.20 2.54 0.00	93.04 3.15 0.00	83.87 2.05 0.00	70.24 0.56 0.00	62.65 0.80 0.00	51.46 0.26 0.00
SENECA___ENERGY 23797	40.00 0.67 0.00	34.34 0.31 0.00	31.46 0.25 0.00	30.24 0.18 0.00	29.10 0.06 0.00	28.69 -0.09 0.00	28.83 0.00 0.00	28.59 -0.03 0.00	31.20 0.09 0.00	35.55 0.04 0.00	38.68 0.08 0.00	45.85 0.28 0.00	48.93 0.44 0.00	52.93 0.58 0.00	57.69 0.57 0.00	62.87 0.69 0.00	73.97 1.38 0.00	84.60 2.06 0.00	94.11 3.44 0.00	93.40 3.50 0.00	85.18 3.36 0.00	71.56 1.88 0.00	63.21 1.36 0.00	52.13 0.92 0.00
SHOEMAKER___GT 23640	41.10 1.77 0.00	35.60 1.57 0.00	32.62 1.41 0.00	31.38 1.32 0.00	30.35 1.31 0.00	30.16 1.38 0.00	30.25 1.41 0.00	30.05 1.43 0.00	32.63 1.52 0.00	36.97 1.46 0.00	40.10 1.50 0.00	47.21 1.64 0.00	50.34 1.84 0.00	54.50 2.15 0.00	59.52 2.40 0.00	64.67 2.49 0.00	76.15 3.56 0.00	87.41 4.87 0.00	95.92 5.26 0.00	94.84 4.94 0.00	85.91 4.09 0.00	72.12 2.44 0.00	63.39 1.55 0.00	52.69 1.49 0.00
SHOEMAKR_138KV_BK 111 55601	41.10 1.77 0.00	35.60 1.57 0.00	32.62 1.40 0.00	31.38 1.32 0.00	30.38 1.34 0.00	30.16 1.38 0.00	30.25 1.41 0.00	30.02 1.40 0.00	32.63 1.52 0.00	36.97 1.46 0.00	40.11 1.51 0.00	47.26 1.69 0.00	50.34 1.84 0.00	54.50 2.15 0.00	59.52 2.40 0.00	64.67 2.49 0.00	76.15 3.56 0.00	87.33 4.79 0.00	95.92 5.26 0.00	94.75 4.85 0.00	85.59 3.76 0.00	72.05 2.37 0.00	63.39 1.55 0.00	52.74 1.54 0.00
SHOREHAM_IC_1 23715	42.36 3.03 0.00	36.35 2.32 0.00	33.09 1.87 0.00	31.83 1.77 0.00	30.70 1.65 0.00	30.47 1.70 0.00	30.30 1.47 0.00	30.33 1.72 0.00	33.31 2.21 0.00	37.82 2.31 0.00	44.92 2.97 -3.34	49.00 3.28 -0.14	51.64 3.15 0.00	54.77 2.56 0.15	59.91 3.31 0.52	65.30 3.54 0.43	77.38 4.79 0.00	89.89 7.34 -0.01	98.46 7.80 0.00	95.83 5.93 0.00	84.88 4.25 1.19	70.75 2.02 0.95	55.96 1.36 7.24	51.92 0.72 0.00
SHOREHAM_IC_2 23716	42.36 3.03 0.00	36.35 2.31 0.00	33.09 1.87 0.00	31.80 1.74 0.00	30.73 1.68 0.00	30.44 1.67 0.00	30.31 1.47 0.00	30.28 1.66 0.00	33.28 2.18 0.00	37.78 2.27 0.00	44.92 2.97 -3.34	49.04 3.33 -0.14	51.64 3.15 0.00	54.72 2.51 0.15	59.86 3.26 0.52	65.30 3.54 0.43	77.38 4.79 0.00	89.80 7.26 0.00	98.46 7.80 0.00	95.83 5.93 0.00	84.39 3.76 1.19	71.37 2.65 0.95	56.40 1.79 7.24	52.18 0.97 0.00
SISSONVILLE____ 23735	38.90 -0.43 0.00	33.73 -0.31 0.00	30.87 -0.34 0.00	29.76 -0.30 0.00	28.81 -0.23 0.00	28.49 -0.29 0.00	28.46 -0.37 0.00	28.24 -0.37 0.00	30.82 -0.28 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.67 0.09 0.00	48.49 0.00 0.00	52.09 -0.26 0.00	56.44 -0.69 0.00	61.37 -0.81 0.00	71.36 -1.23 0.00	80.48 -2.06 0.00	87.67 -2.99 0.00	87.29 -2.61 0.00	82.25 -0.41 -0.84	70.32 0.56 -0.09	63.02 1.18 0.00	51.98 0.77 0.00
SITHE_IND_GS1 24169	38.55 -0.79 0.00	33.25 -0.78 0.00	30.50 -0.72 0.00	29.37 -0.69 0.00	28.35 -0.70 0.00	28.00 -0.78 0.00	28.11 -0.72 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.59 -0.92 0.00	37.64 -0.96 0.00	44.48 -1.09 0.00	47.38 -1.11 0.00	51.20 -1.15 0.00	55.86 -1.26 0.00	60.81 -1.37 0.00	71.21 -1.38 0.00	81.22 -1.32 0.00	89.67 -1.00 0.00	89.00 -0.90 0.00	80.92 -0.90 0.00	68.43 -1.25 0.00	60.61 -1.24 0.00	50.13 -1.08 0.00
SITHE_IND_GS2 24170	38.55 -0.79 0.00	33.25 -0.78 0.00	30.50 -0.72 0.00	29.37 -0.69 0.00	28.35 -0.70 0.00	28.00 -0.78 0.00	28.11 -0.72 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.59 -0.92 0.00	37.64 -0.96 0.00	44.48 -1.09 0.00	47.38 -1.11 0.00	51.20 -1.15 0.00	55.86 -1.26 0.00	60.81 -1.37 0.00	71.21 -1.38 0.00	81.22 -1.32 0.00	89.67 -1.00 0.00	89.00 -0.90 0.00	80.92 -0.90 0.00	68.43 -1.25 0.00	60.61 -1.24 0.00	50.13 -1.08 0.00
SITHE_IND_GS3 24171	38.55 -0.79 0.00	33.25 -0.78 0.00	30.50 -0.72 0.00	29.37 -0.69 0.00	28.35 -0.70 0.00	28.00 -0.78 0.00	28.11 -0.72 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.59 -0.92 0.00	37.64 -0.96 0.00	44.48 -1.09 0.00	47.38 -1.11 0.00	51.20 -1.15 0.00	55.86 -1.26 0.00	60.81 -1.37 0.00	71.21 -1.38 0.00	81.22 -1.32 0.00	89.67 -1.00 0.00	89.00 -0.90 0.00	80.92 -0.90 0.00	68.43 -1.25 0.00	60.61 -1.24 0.00	50.13 -1.08 0.00
SITHE_IND_GS4 24172	38.55 -0.79 0.00	33.25 -0.78 0.00	30.50 -0.72 0.00	29.37 -0.69 0.00	28.35 -0.70 0.00	28.00 -0.78 0.00	28.11 -0.72 0.00	27.87 -0.74 0.00	30.36 -0.75 0.00	34.59 -0.92 0.00	37.64 -0.96 0.00	44.48 -1.09 0.00	47.38 -1.11 0.00	51.20 -1.15 0.00	55.86 -1.26 0.00	60.81 -1.37 0.00	71.21 -1.38 0.00	81.22 -1.32 0.00	89.67 -1.00 0.00	89.00 -0.90 0.00	80.92 -0.90 0.00	68.43 -1.25 0.00	60.61 -1.24 0.00	50.13 -1.08 0.00

SITHE___BATAVIA 24024	41.53 2.20 0.00	35.29 1.26 0.00	32.12 0.91 0.00	31.05 0.99 0.00	29.57 0.52 0.00	29.09 0.32 0.00	29.12 0.29 0.00	28.79 0.17 0.00	31.45 0.34 0.00	35.87 0.36 0.00	38.99 0.39 0.00	46.26 0.68 0.00	49.41 0.92 0.00	53.03 0.68 0.00	58.09 0.97 0.00	63.43 1.24 0.00	74.62 2.03 0.00	85.60 3.06 0.00	96.55 5.89 0.00	96.45 6.56 0.00	87.39 5.57 0.00	72.89 3.21 0.00	65.19 3.34 0.00	53.46 2.25 0.00
SITHE___INDEPEND 23800	38.55 -0.79 0.00	33.25 -0.78 0.00	30.47 -0.75 0.00	29.34 -0.72 0.00	28.29 -0.76 0.00	28.03 -0.75 0.00	28.08 -0.75 0.00	27.87 -0.74 0.00	30.32 -0.78 0.00	34.59 -0.92 0.00	37.64 -0.97 0.00	44.48 -1.09 0.00	47.38 -1.12 0.00	51.15 -1.20 0.00	55.86 -1.26 0.00	60.81 -1.37 0.00	71.21 -1.38 0.00	81.22 -1.32 0.00	89.67 -1.00 0.00	89.00 -0.90 0.00	80.84 -0.98 0.00	68.49 -1.18 0.00	60.61 -1.24 0.00	50.13 -1.08 0.00
SITHE___MASSENA 23902	38.82 -0.51 0.00	33.66 -0.37 0.00	30.84 -0.37 0.00	29.70 -0.36 0.00	28.76 -0.29 0.00	28.43 -0.34 0.00	28.43 -0.40 0.00	28.24 -0.37 0.00	30.79 -0.31 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.62 0.05 0.00	48.45 -0.05 0.00	52.04 -0.31 0.00	56.44 -0.68 0.00	61.50 -0.68 0.00	71.36 -1.23 0.00	80.07 -2.47 0.00	86.94 -3.72 0.00	86.39 -3.51 0.00	80.36 -2.70 -1.23	69.46 -0.35 -0.13	62.22 0.37 0.00	51.41 0.21 0.00
SITHE___OGDNSBRG 24021	39.33 0.00 0.00	34.10 0.07 0.00	31.21 0.00 0.00	30.06 0.00 0.00	29.16 0.12 0.00	28.80 0.03 0.00	28.75 -0.09 0.00	28.47 -0.14 0.00	31.01 -0.09 0.00	35.55 0.04 0.00	38.68 0.08 0.00	45.80 0.23 0.00	48.64 0.15 0.00	52.25 -0.10 0.00	56.66 -0.46 0.00	61.62 -0.56 0.00	71.72 -0.87 0.00	81.05 -1.49 0.00	88.40 -2.27 0.00	88.37 -1.53 0.00	83.55 0.74 -0.99	71.24 1.46 -0.10	63.83 1.98 0.00	52.59 1.38 0.00
SITHE___STERLING 23777	40.51 1.18 0.00	34.95 0.92 0.00	32.02 0.81 0.00	30.81 0.75 0.00	29.77 0.73 0.00	29.47 0.69 0.00	29.50 0.66 0.00	29.24 0.63 0.00	31.82 0.72 0.00	36.18 0.67 0.00	39.33 0.73 0.00	46.62 1.05 0.00	49.66 1.16 0.00	53.82 1.46 0.00	58.72 1.60 0.00	63.99 1.80 0.00	75.28 2.69 0.00	86.17 3.63 0.00	96.10 5.44 0.00	95.56 5.67 0.00	86.86 4.99 -0.05	73.17 3.48 0.00	64.57 2.72 0.00	53.20 2.00 0.00
SLEIGHT__34_KV_TB1 80719	40.08 0.75 0.00	34.34 0.31 0.00	31.37 0.16 0.00	30.18 0.12 0.00	28.93 -0.12 0.00	28.60 -0.17 0.00	28.66 -0.17 0.00	28.50 -0.11 0.00	31.10 0.00 0.00	35.51 0.00 0.00	38.83 0.23 0.00	46.03 0.46 0.00	49.17 0.68 0.00	53.09 0.73 0.00	58.04 0.91 0.00	63.24 1.06 0.00	74.33 1.74 0.00	84.85 2.31 0.00	94.56 3.90 0.00	94.03 4.14 0.00	85.18 3.35 0.00	71.63 1.95 0.00	63.39 1.55 0.00	52.13 0.92 0.00
SMITHTWN_69_KV_BK 1 55830	42.95 3.62 0.00	36.89 2.86 0.00	33.59 2.37 0.00	32.28 2.22 0.00	31.20 2.15 0.00	30.91 2.13 0.00	30.82 1.99 0.00	30.79 2.17 0.00	33.81 2.71 0.00	38.42 2.91 0.00	45.54 3.59 -3.35	49.78 4.06 -0.15	52.42 3.93 0.00	55.29 3.25 0.31	60.06 4.06 1.12	65.65 4.29 0.83	78.03 5.44 0.00	90.38 7.84 0.00	99.10 8.43 0.00	96.46 6.56 0.00	83.95 4.42 2.29	71.27 3.41 1.83	57.01 2.60 7.43	52.85 1.64 0.00
SOUTH CAIRO___GT 23612	41.38 2.05 0.00	35.94 1.91 0.00	33.12 1.90 0.00	31.86 1.80 0.00	30.82 1.77 0.00	30.50 1.73 0.00	30.56 1.73 0.00	30.10 1.49 0.00	32.66 1.56 0.00	36.93 1.42 0.00	39.64 1.04 0.00	46.67 1.09 0.00	49.51 1.02 0.00	53.45 1.10 0.00	58.66 1.54 0.00	64.36 2.18 0.00	76.00 3.41 0.00	87.74 5.20 0.00	96.92 6.26 0.00	96.28 6.38 0.00	87.30 5.48 0.00	73.65 3.97 0.00	64.63 2.78 0.00	53.26 2.05 0.00
SOUTH HAMPTN___IC 23720	42.91 3.58 0.00	36.79 2.76 0.00	33.46 2.25 0.00	32.16 2.10 0.00	31.02 1.98 0.00	30.79 2.01 0.00	30.54 1.70 0.00	30.59 1.97 0.00	33.68 2.58 0.00	38.31 2.80 -3.34	45.61 3.67 -0.14	50.00 4.28 0.00	52.66 4.17 0.00	55.88 3.66 0.13	61.28 4.62 0.47	66.77 4.98 0.39	78.98 6.39 0.00	91.71 9.16 -0.01	100.46 9.79 0.00	97.71 7.82 0.00	86.46 5.73 1.09	72.02 3.21 0.87	56.83 2.22 7.24	52.74 1.53 0.00
SOUTHDOWN_115KV_TB1 355954	40.35 1.02 0.00	34.17 0.14 0.00	30.90 -0.31 0.00	29.79 -0.27 0.00	28.26 -0.78 0.00	27.97 -0.81 0.00	28.11 -0.72 0.00	28.13 -0.49 0.00	30.82 -0.28 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.85 0.27 0.00	49.03 0.53 0.00	52.67 0.31 0.00	57.12 0.00 0.00	62.62 0.44 0.00	73.83 1.23 0.00	84.93 2.39 0.00	95.65 4.99 0.00	95.65 5.75 0.00	86.08 4.25 0.00	72.12 2.44 0.00	63.95 2.10 0.00	52.18 0.97 0.00
SOUTHOLD_69_KV_BK 2 55809	43.30 3.97 0.00	37.10 3.06 0.00	33.65 2.43 0.00	32.31 2.25 0.00	31.20 2.15 0.00	30.88 2.10 0.00	30.48 1.64 0.00	30.53 1.92 0.00	33.78 2.67 0.00	38.46 2.95 -3.34	46.07 4.13 -0.14	50.73 5.01 0.00	53.44 4.95 0.00	56.72 4.50 0.13	62.31 5.66 0.47	68.01 6.22 0.39	80.21 7.62 0.00	93.10 10.57 0.00	102.18 11.51 0.00	99.06 9.17 0.00	86.95 6.22 1.09	73.48 4.67 0.87	57.83 3.22 7.24	53.51 2.30 0.00
SOUTHOLD___IC 23719	43.30 3.97 0.00	37.10 3.06 0.00	33.68 2.47 0.00	32.34 2.28 0.00	31.17 2.12 0.00	30.91 2.13 0.00	30.48 1.64 0.00	30.56 1.95 0.00	33.81 2.70 0.00	38.49 2.98 -3.34	46.08 4.13 -0.14	50.68 4.97 0.00	53.44 4.95 0.00	56.77 4.55 0.13	62.36 5.71 0.47	68.01 6.22 0.39	80.21 7.62 0.00	93.20 10.65 -0.01	102.18 11.52 0.00	99.07 9.17 0.00	87.44 6.71 1.09	72.85 4.04 0.87	57.40 2.79 7.24	53.31 2.10 0.00
SOUTH_FORK_WT_PWR 323839	42.99 3.66 0.00	36.82 2.79 0.00	33.43 2.22 0.00	32.10 2.04 0.00	30.91 1.86 0.00	30.65 1.87 0.00	30.10 1.27 0.00	30.22 1.60 0.00	33.47 2.36 0.00	38.14 2.63 -3.34	45.77 3.82 -0.14	50.37 4.65 0.00	53.05 4.56 0.00	56.36 4.14 0.13	61.90 5.25 0.47	67.51 5.72 0.39	79.41 6.82 0.00	92.36 9.82 -0.01	101.18 10.51 0.00	98.07 8.18 0.00	86.46 5.73 1.09	72.02 3.21 0.87	56.65 2.04 7.24	52.89 1.69 0.00
SPIERFLS_115KV_TB 1 80737	41.06 1.73 0.00	35.53 1.50 0.00	32.49 1.28 0.00	31.23 1.17 0.00	30.27 1.22 0.00	29.98 1.21 0.00	30.07 1.24 0.00	29.76 1.14 0.00	32.47 1.37 0.00	36.86 1.35 0.00	39.68 1.08 0.00	46.85 1.28 0.00	49.66 1.16 0.00	53.82 1.47 0.00	59.01 1.89 0.00	64.48 2.30 0.00	75.79 3.19 0.00	87.41 4.87 0.00	97.28 6.62 0.00	96.82 6.92 0.00	87.96 6.14 0.00	74.28 4.60 0.00	64.94 3.09 0.00	53.67 2.46 0.00
ST LAWRENCE____ 23600	38.43 -0.90 0.00	33.32 -0.72 0.00	30.53 -0.69 0.00	29.43 -0.63 0.00	28.47 -0.58 0.00	28.17 -0.61 0.00	28.20 -0.63 0.00	27.99 -0.63 0.00	30.48 -0.62 0.00	35.01 -0.50 0.00	38.14 -0.46 0.00	45.03 -0.54 0.00	47.82 -0.68 0.00	51.41 -0.94 0.00	55.92 -1.20 0.00	60.87 -1.31 0.00	70.56 -2.03 0.00	79.32 -3.22 0.00	86.68 -3.99 0.00	86.03 -3.86 0.00	78.71 -3.03 0.09	68.28 -1.39 0.01	61.23 -0.62 0.00	50.65 -0.56 0.00

STATE_CA_115KV_115_LB 55624	40.28 0.94 0.00	35.09 1.06 0.00	32.37 1.15 0.00	31.17 1.11 0.00	30.15 1.10 0.00	29.90 1.12 0.00	29.99 1.15 0.00	29.67 1.06 0.00	32.22 1.12 0.00	36.54 1.03 0.00	39.33 0.73 0.00	46.35 0.77 0.00	49.22 0.73 0.00	53.19 0.84 0.00	58.21 1.09 0.00	63.43 1.24 0.00	74.41 1.81 0.00	85.43 2.89 0.00	93.75 3.08 0.00	92.77 2.88 0.00	83.87 2.05 0.00	71.00 1.32 0.00	62.40 0.56 0.00	51.82 0.61 0.00
STATE_ST_34_KV_LOAD 55959	40.04 0.71 0.00	34.48 0.44 0.00	31.50 0.28 0.00	30.30 0.24 0.00	29.16 0.12 0.00	28.86 0.09 0.00	28.92 0.09 0.00	28.73 0.11 0.00	31.32 0.22 0.00	35.69 0.18 0.00	38.91 0.31 0.00	46.08 0.50 0.00	49.17 0.68 0.00	53.19 0.84 0.00	58.09 0.97 0.00	63.24 1.06 0.00	74.41 1.81 0.00	85.02 2.48 0.00	94.38 3.72 0.00	93.94 4.05 0.00	85.18 3.35 0.00	71.84 2.16 0.00	63.33 1.48 0.00	52.18 0.97 0.00
STATION_5_MISC_HYD 23604	40.51 1.18 0.00	34.61 0.58 0.00	31.71 0.50 0.00	30.48 0.42 0.00	29.31 0.26 0.00	28.72 -0.06 0.00	28.95 0.12 0.00	28.62 0.00 0.00	31.32 0.22 0.00	35.79 0.28 0.00	38.99 0.39 0.00	46.21 0.64 0.00	49.37 0.87 0.00	53.24 0.89 0.00	58.20 1.08 0.00	63.49 1.31 0.00	74.55 1.96 0.00	85.10 2.56 0.00	95.02 4.35 0.00	94.48 4.58 0.00	85.75 3.93 0.00	71.84 2.16 0.00	64.07 2.22 0.00	52.64 1.43 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.28 0.94 0.00	34.51 0.48 0.00	31.50 0.28 0.00	30.33 0.27 0.00	29.05 0.00 0.00	28.72 -0.06 0.00	28.78 -0.06 0.00	28.59 -0.03 0.00	31.20 0.09 0.00	35.62 0.11 0.00	38.91 0.31 0.00	46.12 0.55 0.00	49.27 0.78 0.00	53.19 0.84 0.00	58.09 0.97 0.00	63.30 1.12 0.00	74.41 1.81 0.00	85.02 2.48 0.00	94.65 3.99 0.00	94.21 4.31 0.00	85.34 3.52 0.00	71.84 2.16 0.00	63.58 1.73 0.00	52.33 1.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.28 0.94 0.00	34.41 0.37 0.00	31.40 0.19 0.00	30.24 0.18 0.00	28.93 -0.12 0.00	28.57 -0.20 0.00	28.63 -0.20 0.00	28.44 -0.17 0.00	31.04 -0.06 0.00	35.51 0.00 0.00	38.79 0.19 0.00	46.03 0.46 0.00	49.17 0.68 0.00	53.04 0.68 0.00	57.98 0.86 0.00	63.24 1.06 0.00	74.26 1.67 0.00	84.77 2.23 0.00	94.56 3.90 0.00	94.03 4.14 0.00	85.09 3.27 0.00	71.56 1.88 0.00	63.46 1.61 0.00	52.18 0.97 0.00
STA_56___34_KV_BUS2 355983	40.28 0.94 0.00	34.41 0.37 0.00	31.40 0.19 0.00	30.24 0.18 0.00	28.93 -0.12 0.00	28.57 -0.20 0.00	28.63 -0.20 0.00	28.44 -0.17 0.00	31.04 -0.06 0.00	35.51 0.00 0.00	38.79 0.19 0.00	46.03 0.46 0.00	49.17 0.68 0.00	53.04 0.68 0.00	57.98 0.86 0.00	63.24 1.06 0.00	74.26 1.67 0.00	84.77 2.23 0.00	94.56 3.90 0.00	94.03 4.14 0.00	85.09 3.27 0.00	71.56 1.88 0.00	63.46 1.61 0.00	52.18 0.97 0.00
STA_67___115KV_BK2 355882	40.39 1.06 0.00	34.51 0.48 0.00	31.50 0.28 0.00	30.33 0.27 0.00	28.99 -0.06 0.00	28.66 -0.12 0.00	28.72 -0.12 0.00	28.53 -0.09 0.00	31.10 0.00 0.00	35.58 0.07 0.00	38.83 0.23 0.00	46.08 0.50 0.00	49.17 0.68 0.00	53.04 0.68 0.00	57.98 0.86 0.00	63.24 1.06 0.00	74.26 1.67 0.00	84.77 2.23 0.00	94.56 3.90 0.00	94.12 4.23 0.00	85.18 3.35 0.00	71.63 1.95 0.00	63.58 1.73 0.00	52.28 1.08 0.00
STA_7___115KV_9TRANS 80674	40.79 1.46 0.00	34.85 0.82 0.00	31.74 0.53 0.00	30.57 0.51 0.00	29.22 0.17 0.00	28.89 0.12 0.00	28.92 0.09 0.00	28.73 0.11 0.00	31.38 0.28 0.00	35.90 0.39 0.00	39.26 0.66 0.00	46.62 1.05 0.00	49.80 1.31 0.00	53.72 1.36 0.00	58.78 1.66 0.00	64.11 1.93 0.00	75.28 2.69 0.00	85.84 3.30 0.00	95.83 5.17 0.00	95.38 5.48 0.00	86.32 4.50 0.00	72.60 2.93 0.00	64.45 2.60 0.00	52.90 1.69 0.00
STA_82___115KV_TB1 80780	40.43 1.10 0.00	34.54 0.51 0.00	31.50 0.28 0.00	30.36 0.30 0.00	29.02 -0.03 0.00	28.69 -0.09 0.00	28.72 -0.12 0.00	28.53 -0.09 0.00	31.10 0.00 0.00	35.58 0.07 0.00	38.87 0.27 0.00	46.08 0.50 0.00	49.22 0.73 0.00	53.04 0.68 0.00	57.98 0.86 0.00	63.24 1.06 0.00	74.26 1.67 0.00	84.77 2.23 0.00	94.65 3.99 0.00	94.21 4.31 0.00	85.26 3.44 0.00	71.63 1.95 0.00	63.64 1.79 0.00	52.33 1.13 0.00
STEEL___WIND 323596	40.04 0.71 0.00	34.00 -0.03 0.00	31.09 -0.12 0.00	29.94 -0.12 0.00	28.61 -0.43 0.00	28.00 -0.78 0.00	28.29 -0.55 0.00	27.99 -0.63 0.00	30.64 -0.47 0.00	35.05 -0.46 0.00	37.91 -0.69 0.00	44.94 -0.64 0.00	48.06 -0.44 0.00	51.57 -0.78 0.00	56.27 -0.86 0.00	61.44 -0.74 0.00	72.23 -0.36 0.00	82.70 0.17 0.00	93.11 2.45 0.00	92.86 2.96 0.00	84.11 2.29 0.00	70.03 0.35 0.00	62.83 0.99 0.00	51.62 0.41 0.00
STEPHTWN_115KV_BK_2 55603	40.51 1.18 0.00	35.26 1.23 0.00	32.53 1.31 0.00	31.29 1.23 0.00	30.27 1.22 0.00	30.01 1.24 0.00	30.10 1.27 0.00	29.82 1.20 0.00	32.38 1.28 0.00	36.75 1.24 0.00	39.53 0.93 0.00	46.58 1.00 0.00	49.46 0.97 0.00	53.40 1.05 0.00	58.38 1.26 0.00	63.67 1.49 0.00	74.77 2.18 0.00	85.92 3.38 0.00	94.29 3.63 0.00	93.40 3.51 0.00	84.44 2.62 0.00	71.42 1.74 0.00	62.71 0.87 0.00	52.03 0.82 0.00
STEUBEN_REC_LFGE 323667	40.67 1.34 0.00	34.65 0.61 0.00	31.40 0.19 0.00	30.18 0.12 0.00	28.76 -0.29 0.00	28.37 -0.40 0.00	28.43 -0.40 0.00	28.19 -0.43 0.00	30.70 -0.40 0.00	35.08 -0.43 0.00	38.25 -0.35 0.00	45.39 -0.18 0.00	48.49 0.00 0.00	52.20 -0.16 0.00	56.55 -0.57 0.00	61.81 -0.37 0.00	73.03 0.44 0.00	83.94 1.40 0.00	94.56 3.90 0.00	95.02 5.12 0.00	86.32 4.50 0.00	72.40 2.72 0.00	63.89 2.04 0.00	52.33 1.13 0.00
STILLWATER___SOLAR 323814	41.30 1.97 0.00	35.77 1.73 0.00	32.74 1.53 0.00	31.50 1.44 0.00	30.50 1.45 0.00	30.27 1.50 0.00	30.33 1.50 0.00	30.02 1.40 0.00	32.60 1.49 0.00	36.93 1.42 0.00	39.95 1.35 0.00	47.12 1.55 0.00	50.09 1.60 0.00	54.29 1.94 0.00	59.46 2.34 0.00	64.92 2.73 0.00	76.22 3.63 0.00	87.83 5.29 0.00	96.83 6.17 0.00	96.19 6.29 0.00	87.39 5.57 0.00	73.79 4.11 0.00	64.69 2.85 0.00	53.62 2.41 0.00
STONY___BROOK 24151	42.91 3.58 0.00	36.86 2.82 0.00	33.56 2.34 0.00	32.25 2.19 0.00	31.11 2.06 0.00	30.91 2.13 0.00	30.77 1.93 0.00	30.79 2.17 0.00	33.78 2.68 0.00	38.39 2.88 0.00	45.46 3.51 -3.35	49.64 3.92 -0.15	52.32 3.83 0.00	55.33 3.19 0.22	60.23 3.89 0.77	65.68 4.10 0.60	77.67 5.08 0.00	90.06 7.51 -0.01	98.64 7.98 0.00	96.01 6.12 0.00	84.65 4.50 1.67	70.64 2.30 1.33	56.57 2.04 7.31	52.54 1.33 0.00
STURGEON_POOL_HYD 23609	41.38 2.05 0.00	35.84 1.80 0.00	32.87 1.65 0.00	31.62 1.56 0.00	30.62 1.57 0.00	30.36 1.58 0.00	30.45 1.61 0.00	30.22 1.60 0.00	32.81 1.71 0.00	37.18 1.67 0.00	40.42 1.81 0.00	47.62 2.05 0.00	50.82 2.33 0.00	55.13 2.77 0.00	60.26 3.14 0.00	65.48 3.30 0.00	77.16 4.57 0.00	88.56 6.03 0.00	97.19 6.53 0.00	95.83 5.93 0.00	86.49 4.66 0.00	72.74 3.07 0.00	63.89 2.04 0.00	53.21 2.00 0.00

ST_LAW_115_BK7_LBMP 345037	38.39 -0.94 0.00	33.28 -0.75 0.00	30.50 -0.72 0.00	29.40 -0.66 0.00	28.44 -0.61 0.00	28.14 -0.63 0.00	28.17 -0.66 0.00	27.96 -0.66 0.00	30.45 -0.65 0.00	35.01 -0.50 0.00	38.10 -0.50 0.00	45.03 -0.54 0.00	47.82 -0.68 0.00	51.36 -1.00 0.00	55.86 -1.26 0.00	60.81 -1.37 0.00	70.48 -2.11 0.00	79.24 -3.30 0.00	86.40 -4.26 0.00	85.85 -4.04 0.00	78.43 -3.28 0.11	68.27 -1.39 0.01	61.23 -0.62 0.00	50.65 -0.56 0.00
ST_LAW_115_BK8_LBMP 345038	38.39 -0.94 0.00	33.28 -0.75 0.00	30.50 -0.72 0.00	29.40 -0.66 0.00	28.44 -0.61 0.00	28.14 -0.63 0.00	28.17 -0.66 0.00	27.96 -0.66 0.00	30.45 -0.65 0.00	35.01 -0.50 0.00	38.10 -0.50 0.00	45.03 -0.54 0.00	47.82 -0.68 0.00	51.36 -1.00 0.00	55.86 -1.26 0.00	60.81 -1.37 0.00	70.48 -2.11 0.00	79.24 -3.30 0.00	86.40 -4.26 0.00	85.85 -4.04 0.00	78.43 -3.28 0.11	68.27 -1.39 0.01	61.23 -0.62 0.00	50.65 -0.56 0.00
ST_LAW_230_BK5_LBMP 345035	38.43 -0.90 0.00	33.32 -0.72 0.00	30.53 -0.69 0.00	29.43 -0.63 0.00	28.47 -0.58 0.00	28.17 -0.61 0.00	28.20 -0.63 0.00	27.99 -0.63 0.00	30.48 -0.62 0.00	35.01 -0.50 0.00	38.14 -0.46 0.00	45.03 -0.54 0.00	47.82 -0.68 0.00	51.41 -0.94 0.00	55.92 -1.20 0.00	60.87 -1.31 0.00	70.56 -2.03 0.00	79.32 -3.22 0.00	86.68 -3.99 0.00	86.03 -3.86 0.00	78.73 -3.03 0.07	68.28 -1.39 0.01	61.23 -0.62 0.00	50.65 -0.56 0.00
ST_LAW_230_BK6_LBMP 345036	38.43 -0.90 0.00	33.32 -0.72 0.00	30.53 -0.69 0.00	29.43 -0.63 0.00	28.47 -0.58 0.00	28.17 -0.61 0.00	28.20 -0.63 0.00	27.99 -0.63 0.00	30.48 -0.62 0.00	35.01 -0.50 0.00	38.14 -0.46 0.00	45.03 -0.54 0.00	47.82 -0.68 0.00	51.41 -0.94 0.00	55.92 -1.20 0.00	60.87 -1.31 0.00	70.56 -2.03 0.00	79.32 -3.22 0.00	86.68 -3.99 0.00	86.03 -3.86 0.00	78.73 -3.03 0.07	68.28 -1.39 0.01	61.23 -0.62 0.00	50.65 -0.56 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.30 1.97 0.00	35.77 1.74 0.00	32.77 1.56 0.00	31.53 1.47 0.00	30.53 1.48 0.00	30.30 1.53 0.00	30.42 1.59 0.00	30.22 1.60 0.00	32.84 1.74 0.00	37.21 1.70 0.00	40.38 1.78 0.00	47.58 2.01 0.00	50.68 2.18 0.00	54.87 2.51 0.00	59.98 2.86 0.00	65.10 2.92 0.00	76.66 4.07 0.00	87.99 5.45 0.00	96.56 5.89 0.00	95.38 5.48 0.00	85.99 4.17 0.00	72.33 2.65 0.00	63.58 1.73 0.00	52.90 1.69 0.00
SWANROAD_115KV_TB1 355699	39.88 0.55 0.00	33.90 -0.14 0.00	30.40 -0.81 0.00	29.85 -0.21 0.00	27.88 -1.16 0.00	28.00 -0.78 0.00	27.94 -0.89 0.00	27.56 -1.06 0.00	29.89 -1.21 0.00	34.20 -1.31 0.00	37.17 -1.43 0.00	44.07 -1.50 0.00	47.09 -1.41 0.00	50.37 -1.99 0.00	55.07 -2.06 0.00	60.07 -2.11 0.00	70.56 -2.03 0.00	80.64 -1.90 0.00	90.66 0.00 0.00	90.43 0.54 0.00	81.49 -0.33 0.00	68.21 -1.46 0.00	61.04 -0.80 0.00	50.39 -0.82 0.00
SYNERGY___BIOGAS 323694	41.53 2.20 0.00	35.29 1.26 0.00	31.90 0.69 0.00	30.96 0.90 0.00	29.25 0.20 0.00	29.09 0.32 0.00	29.01 0.17 0.00	28.73 0.11 0.00	31.26 0.16 0.00	35.69 0.18 0.00	38.95 0.35 0.00	46.26 0.68 0.00	49.42 0.92 0.00	53.04 0.68 0.00	58.09 0.97 0.00	63.43 1.24 0.00	74.62 2.03 0.00	85.68 3.14 0.00	96.47 5.80 0.00	96.46 6.56 0.00	87.06 5.24 0.00	72.88 3.21 0.00	64.88 3.03 0.00	53.21 2.00 0.00
SYRACUSE___ENERGY_ST1 323597	39.65 0.31 0.00	34.20 0.17 0.00	31.31 0.09 0.00	30.12 0.06 0.00	29.05 0.00 0.00	28.72 -0.06 0.00	28.81 -0.03 0.00	28.62 0.00 0.00	31.20 0.09 0.00	35.51 0.00 0.00	38.72 0.12 0.00	45.85 0.27 0.00	48.83 0.34 0.00	52.83 0.47 0.00	57.69 0.57 0.00	62.74 0.56 0.00	73.68 1.09 0.00	84.03 1.49 0.00	93.02 2.36 0.00	92.41 2.52 0.00	83.79 1.96 0.00	70.79 1.11 0.00	62.53 0.68 0.00	51.62 0.41 0.00
SYRACUSE___ENERGY_ST2 323598	39.65 0.31 0.00	34.20 0.17 0.00	31.31 0.09 0.00	30.12 0.06 0.00	29.05 0.00 0.00	28.72 -0.06 0.00	28.81 -0.03 0.00	28.62 0.00 0.00	31.20 0.09 0.00	35.51 0.00 0.00	38.72 0.12 0.00	45.85 0.27 0.00	48.83 0.34 0.00	52.83 0.47 0.00	57.69 0.57 0.00	62.74 0.56 0.00	73.68 1.09 0.00	84.03 1.49 0.00	93.02 2.36 0.00	92.41 2.52 0.00	83.79 1.96 0.00	70.79 1.11 0.00	62.53 0.68 0.00	51.62 0.41 0.00
SYRACUSE___POWER 24017	39.57 0.24 0.00	34.10 0.07 0.00	31.21 0.00 0.00	30.06 0.00 0.00	28.96 -0.09 0.00	28.66 -0.12 0.00	28.72 -0.12 0.00	28.53 -0.09 0.00	31.07 -0.03 0.00	35.40 -0.11 0.00	38.56 -0.04 0.00	45.67 0.09 0.00	48.69 0.19 0.00	52.62 0.26 0.00	57.41 0.29 0.00	62.56 0.37 0.00	73.46 0.87 0.00	83.78 1.24 0.00	92.84 2.18 0.00	92.14 2.25 0.00	83.54 1.72 0.00	70.58 0.91 0.00	62.34 0.49 0.00	51.46 0.26 0.00
TALLMAN__138KV_BK151 55660	41.57 2.24 0.00	36.04 2.01 0.00	32.99 1.78 0.00	31.74 1.68 0.00	30.73 1.68 0.00	30.53 1.76 0.00	30.65 1.82 0.00	30.45 1.83 0.00	33.12 2.02 0.00	37.50 1.99 0.00	40.69 2.08 0.00	47.90 2.32 0.00	51.02 2.52 0.00	55.23 2.88 0.00	60.38 3.26 0.00	65.54 3.36 0.00	77.16 4.57 0.00	88.65 6.11 0.00	97.19 6.53 0.00	95.92 6.02 0.00	86.40 4.58 0.00	72.60 2.93 0.00	63.77 1.92 0.00	53.15 1.95 0.00
TEALLAVE_115KV_TB7 355573	39.45 0.12 0.00	34.03 0.00 0.00	31.15 -0.06 0.00	30.00 -0.06 0.00	28.90 -0.15 0.00	28.60 -0.17 0.00	28.66 -0.17 0.00	28.47 -0.14 0.00	31.01 -0.09 0.00	35.33 -0.18 0.00	38.48 -0.12 0.00	45.57 0.00 0.00	48.59 0.10 0.00	52.51 0.16 0.00	57.29 0.17 0.00	62.37 0.19 0.00	73.17 0.58 0.00	83.53 0.99 0.00	92.48 1.81 0.00	91.78 1.89 0.00	83.21 1.39 0.00	70.31 0.63 0.00	62.10 0.25 0.00	51.36 0.15 0.00
TELGRAPH_34_KV_EAST 80808	40.75 1.42 0.00	34.61 0.58 0.00	31.25 0.03 0.00	30.42 0.36 0.00	28.64 -0.41 0.00	28.55 -0.23 0.00	28.52 -0.32 0.00	28.22 -0.40 0.00	30.67 -0.44 0.00	35.08 -0.43 0.00	38.25 -0.35 0.00	45.35 -0.23 0.00	48.49 0.00 0.00	51.88 -0.47 0.00	56.78 -0.34 0.00	61.93 -0.25 0.00	72.81 0.22 0.00	83.28 0.74 0.00	93.75 3.08 0.00	93.58 3.69 0.00	84.44 2.62 0.00	70.65 0.98 0.00	63.08 1.24 0.00	51.87 0.67 0.00
TEMPLE___115KV_TB 2 55572	39.49 0.16 0.00	34.07 0.03 0.00	31.15 -0.06 0.00	30.00 -0.06 0.00	28.90 -0.15 0.00	28.60 -0.17 0.00	28.69 -0.14 0.00	28.47 -0.14 0.00	31.04 -0.06 0.00	35.37 -0.14 0.00	38.52 -0.08 0.00	45.62 0.05 0.00	48.59 0.10 0.00	52.56 0.21 0.00	57.35 0.23 0.00	62.43 0.25 0.00	73.24 0.65 0.00	83.53 0.99 0.00	92.57 1.90 0.00	91.87 1.98 0.00	83.29 1.47 0.00	70.37 0.70 0.00	62.16 0.31 0.00	51.36 0.15 0.00
TIANA____69_KV_BK 1 55817	42.87 3.54 0.00	36.76 2.72 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.02 1.98 0.00	30.73 1.96 0.00	30.56 1.73 0.00	30.56 1.95 0.00	33.62 2.52 0.00	38.24 2.73 0.00	45.53 3.59 -3.34	49.86 4.15 -0.14	52.52 4.03 0.00	55.68 3.46 0.13	61.05 4.40 0.47	66.52 4.73 0.39	78.76 6.17 0.00	91.37 8.83 0.00	100.27 9.61 0.00	97.45 7.55 0.00	85.81 5.07 1.09	72.50 3.69 0.87	57.27 2.66 7.24	52.85 1.64 0.00

TILDEN___115KV_TB1 80814	39.57 0.24 0.00	34.10 0.07 0.00	31.21 0.00 0.00	30.06 0.00 0.00	28.96 -0.09 0.00	28.66 -0.12 0.00	28.72 -0.12 0.00	28.53 -0.09 0.00	31.07 -0.03 0.00	35.40 -0.11 0.00	38.56 -0.04 0.00	45.67 0.09 0.00	48.69 0.19 0.00	52.62 0.26 0.00	57.41 0.29 0.00	62.56 0.37 0.00	73.46 0.87 0.00	83.78 1.24 0.00	92.84 2.18 0.00	92.14 2.25 0.00	83.54 1.72 0.00	70.58 0.91 0.00	62.34 0.49 0.00	51.46 0.26 0.00
TRIGEN___CC 323695	42.44 3.11 0.00	36.59 2.55 0.00	33.37 2.15 0.00	32.07 2.01 0.00	31.05 2.00 0.00	30.79 2.01 0.00	30.80 1.96 0.00	30.71 2.09 0.00	33.56 2.46 0.00	38.10 2.59 0.00	45.53 2.90 -4.03	49.89 3.28 -1.03	52.01 3.49 -0.02	55.44 3.09 0.00	60.97 3.83 -0.02	65.98 3.79 0.00	77.75 5.15 0.00	89.64 7.10 0.00	98.19 7.53 0.00	96.10 6.20 0.00	86.32 4.50 0.00	72.81 3.14 0.00	65.75 2.66 -1.24	52.95 1.74 0.00
TRINITY___115KV___4 BK 55933	40.12 0.79 0.00	34.95 0.92 0.00	32.28 1.06 0.00	31.05 0.99 0.00	30.06 1.02 0.00	29.81 1.04 0.00	29.90 1.07 0.00	29.59 0.97 0.00	32.10 1.00 0.00	36.40 0.89 0.00	39.14 0.54 0.00	46.08 0.50 0.00	48.98 0.48 0.00	52.88 0.52 0.00	57.81 0.69 0.00	63.05 0.87 0.00	73.97 1.38 0.00	84.93 2.39 0.00	93.11 2.45 0.00	92.14 2.25 0.00	83.29 1.47 0.00	70.51 0.84 0.00	62.03 0.19 0.00	51.52 0.31 0.00
UNION___PROCESSING_DRP 323587	40.43 1.10 0.00	34.54 0.51 0.00	31.50 0.28 0.00	30.36 0.30 0.00	29.02 -0.03 0.00	28.69 -0.09 0.00	28.72 -0.12 0.00	28.53 -0.09 0.00	31.13 0.03 0.00	35.58 0.07 0.00	38.87 0.27 0.00	46.08 0.50 0.00	49.22 0.73 0.00	53.04 0.68 0.00	58.04 0.91 0.00	63.24 1.06 0.00	74.26 1.67 0.00	84.85 2.31 0.00	94.65 3.99 0.00	94.21 4.31 0.00	85.26 3.44 0.00	71.63 1.95 0.00	63.64 1.79 0.00	52.33 1.13 0.00
UPPER HUDSON___HYD 24058	41.06 1.73 0.00	35.53 1.50 0.00	32.49 1.28 0.00	31.23 1.17 0.00	30.24 1.19 0.00	30.01 1.24 0.00	30.05 1.21 0.00	29.76 1.15 0.00	32.44 1.34 0.00	36.82 1.31 0.00	39.68 1.08 0.00	46.85 1.27 0.00	49.66 1.16 0.00	53.82 1.46 0.00	59.06 1.94 0.00	64.48 2.30 0.00	75.78 3.19 0.00	87.41 4.87 0.00	97.28 6.62 0.00	96.82 6.92 0.00	88.21 6.39 0.00	74.28 4.60 0.00	64.94 3.09 0.00	53.62 2.41 0.00
UPPER RAQUET___HYD 24056	38.90 -0.43 0.00	33.73 -0.31 0.00	30.87 -0.34 0.00	29.73 -0.33 0.00	28.81 -0.23 0.00	28.49 -0.29 0.00	28.46 -0.38 0.00	28.24 -0.37 0.00	30.82 -0.28 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.67 0.09 0.00	48.49 0.00 0.00	51.99 -0.36 0.00	56.38 -0.74 0.00	61.37 -0.81 0.00	71.36 -1.23 0.00	80.14 -2.40 0.00	87.67 -2.99 0.00	87.29 -2.61 0.00	80.86 -1.80 -0.84	70.39 0.63 -0.09	62.96 1.11 0.00	51.98 0.77 0.00
VALLEY44_115KV_TB2 355964	39.37 0.04 0.00	33.52 -0.51 0.00	30.40 -0.81 0.00	29.34 -0.72 0.00	27.86 -1.19 0.00	27.65 -1.12 0.00	27.80 -1.04 0.00	27.73 -0.89 0.00	30.20 -0.90 0.00	34.52 -0.99 0.00	37.44 -1.16 0.00	44.43 -1.14 0.00	47.48 -1.02 0.00	51.05 -1.31 0.00	55.29 -1.83 0.00	60.50 -1.68 0.00	71.21 -1.38 0.00	81.63 -0.91 0.00	91.66 1.00 0.00	91.60 1.71 0.00	82.56 0.74 0.00	69.26 -0.42 0.00	61.48 -0.37 0.00	50.29 -0.92 0.00
VALLEY___115KV_TB 1-4 80826	39.65 0.31 0.00	34.27 0.24 0.00	31.43 0.22 0.00	30.27 0.21 0.00	29.28 0.23 0.00	29.03 0.26 0.00	29.07 0.23 0.00	28.85 0.23 0.00	31.35 0.25 0.00	35.79 0.28 0.00	38.87 0.27 0.00	45.94 0.36 0.00	48.88 0.39 0.00	52.72 0.37 0.00	57.58 0.46 0.00	62.62 0.44 0.00	73.32 0.73 0.00	83.78 1.24 0.00	92.48 1.81 0.00	91.69 1.80 0.00	83.21 1.39 0.00	70.58 0.91 0.00	62.40 0.56 0.00	51.57 0.36 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.34 2.01 0.00	35.70 1.67 0.00	32.71 1.50 0.00	31.47 1.41 0.00	30.47 1.42 0.00	30.21 1.44 0.00	30.25 1.41 0.00	30.05 1.43 0.00	32.69 1.59 0.00	37.14 1.63 0.00	40.38 1.78 0.00	47.81 2.23 0.00	50.92 2.42 0.00	55.08 2.72 0.00	60.15 3.03 0.00	65.48 3.30 0.00	77.02 4.43 0.00	88.15 5.61 0.00	97.65 6.98 0.00	96.73 6.83 0.00	87.63 5.81 0.00	73.86 4.18 0.00	65.06 3.22 0.00	53.72 2.51 0.00
VISCHER___FERRY HYD 24020	40.91 1.57 0.00	35.50 1.46 0.00	32.56 1.34 0.00	31.35 1.29 0.00	30.32 1.28 0.00	30.13 1.35 0.00	30.19 1.36 0.00	29.91 1.29 0.00	32.38 1.28 0.00	36.68 1.17 0.00	39.72 1.12 0.00	46.80 1.23 0.00	49.85 1.36 0.00	53.92 1.57 0.00	59.00 1.88 0.00	64.36 2.18 0.00	75.64 3.05 0.00	86.99 4.45 0.00	95.47 4.80 0.00	94.48 4.58 0.00	85.59 3.77 0.00	72.33 2.65 0.00	63.45 1.61 0.00	52.69 1.49 0.00
V_A_10_SYNC_DSASP 323832	39.88 0.55 0.00	34.00 -0.03 0.00	31.00 -0.22 0.00	29.91 -0.15 0.00	28.49 -0.55 0.00	28.17 -0.60 0.00	28.23 -0.61 0.00	28.04 -0.57 0.00	30.51 -0.59 0.00	34.91 -0.60 0.00	37.98 -0.62 0.00	44.98 -0.59 0.00	48.06 -0.44 0.00	51.62 -0.73 0.00	56.44 -0.69 0.00	61.50 -0.68 0.00	72.23 -0.36 0.00	82.54 0.00 0.00	92.39 1.72 0.00	92.05 2.16 0.00	83.13 1.31 0.00	69.61 -0.07 0.00	62.10 0.25 0.00	51.26 0.05 0.00
V_CMM_10_SYNC_DSASP 323787	38.55 -0.79 0.00	33.42 -0.61 0.00	30.62 -0.59 0.00	29.49 -0.57 0.00	28.55 -0.49 0.00	28.26 -0.52 0.00	28.26 -0.58 0.00	28.07 -0.54 0.00	30.57 -0.53 0.00	35.16 -0.36 0.00	38.29 -0.31 0.00	45.21 -0.37 0.00	48.01 -0.48 0.00	51.62 -0.73 0.00	56.10 -1.03 0.00	61.12 -1.06 0.00	70.78 -1.81 0.00	79.57 -2.97 0.00	86.86 -3.80 0.00	86.21 -3.69 0.00	78.84 -2.87 0.11	68.55 -1.12 0.01	61.48 -0.37 0.00	50.90 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	38.31 -1.02 0.00	33.25 -0.78 0.00	30.44 -0.78 0.00	29.37 -0.69 0.00	28.47 -0.58 0.00	28.17 -0.61 0.00	28.17 -0.66 0.00	28.01 -0.60 0.00	30.60 -0.50 0.00	35.16 -0.36 0.00	38.21 -0.39 0.00	45.07 -0.50 0.00	47.28 -1.21 0.00	50.05 -2.30 0.00	53.92 -3.20 0.00	58.64 -3.54 0.00	68.02 -4.57 0.00	76.52 -6.02 0.00	83.96 -6.71 0.00	83.87 -6.02 0.00	77.24 -4.58 0.00	67.24 -2.44 0.00	60.49 -1.36 0.00	50.44 -0.77 0.00
V_D_10_SYNC_DSASP 323841	38.82 -0.51 0.00	33.66 -0.37 0.00	30.84 -0.37 0.00	29.70 -0.36 0.00	28.76 -0.29 0.00	28.43 -0.34 0.00	28.43 -0.40 0.00	28.24 -0.37 0.00	30.79 -0.31 0.00	35.37 -0.14 0.00	38.56 -0.04 0.00	45.57 0.00 0.00	48.45 -0.05 0.00	52.04 -0.31 0.00	56.44 -0.68 0.00	61.50 -0.68 0.00	71.36 -1.23 0.00	80.07 -2.47 0.00	87.04 -3.63 0.00	86.39 -3.51 0.00	80.36 -2.70 -1.24	69.46 -0.35 -0.13	62.22 0.37 0.00	51.41 0.21 0.00
V_E_10_SYNC_DSASP 323830	42.56 3.23 0.00	36.59 2.55 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.11 2.06 0.00	30.76 1.98 0.00	30.74 1.90 0.00	30.45 1.83 0.00	33.12 2.02 0.00	37.57 2.06 0.00	40.72 2.12 0.00	48.49 2.92 0.00	51.74 3.25 0.00	56.23 3.87 0.00	61.35 4.23 0.00	67.04 4.85 0.00	79.63 7.04 0.00	91.78 9.24 0.00	104.08 13.42 0.00	103.65 13.75 0.00	94.09 12.27 0.00	78.32 8.64 0.00	68.77 6.93 0.00	56.17 4.97 0.00

V_F_30_NSYNC___DSASP 323816	41.34 2.00 0.00	35.84 1.80 0.00	32.81 1.59 0.00	31.56 1.50 0.00	30.53 1.48 0.00	30.30 1.52 0.00	30.36 1.53 0.00	30.05 1.43 0.00	32.66 1.55 0.00	37.00 1.49 0.00	40.07 1.47 0.00	47.31 1.73 0.00	50.29 1.80 0.00	54.45 2.10 0.00	59.63 2.51 0.00	65.11 2.92 0.00	76.44 3.84 0.00	88.07 5.53 0.00	97.10 6.44 0.00	96.45 6.56 0.00	87.63 5.81 0.00	73.93 4.25 0.00	64.88 3.03 0.00	53.72 2.51 0.00
V_F_30_SYNC_DSASP 323786	40.28 0.94 0.00	35.09 1.06 0.00	32.37 1.15 0.00	31.17 1.11 0.00	30.15 1.10 0.00	29.90 1.12 0.00	29.99 1.15 0.00	29.67 1.06 0.00	32.22 1.12 0.00	36.54 1.03 0.00	39.30 0.69 0.00	46.35 0.77 0.00	49.22 0.73 0.00	53.19 0.84 0.00	58.15 1.03 0.00	63.43 1.24 0.00	74.41 1.81 0.00	85.43 2.89 0.00	93.75 3.08 0.00	92.77 2.88 0.00	83.87 2.05 0.00	71.00 1.32 0.00	62.40 0.56 0.00	51.82 0.61 0.00
V_XM_10_SYNC_DSASP 323789	38.31 -1.02 0.00	33.25 -0.78 0.00	30.44 -0.78 0.00	29.37 -0.69 0.00	28.47 -0.58 0.00	28.17 -0.61 0.00	28.17 -0.66 0.00	28.01 -0.60 0.00	30.60 -0.50 0.00	35.16 -0.36 0.00	38.21 -0.39 0.00	45.07 -0.50 0.00	47.28 -1.21 0.00	50.05 -2.30 0.00	53.92 -3.20 0.00	58.64 -3.54 0.00	68.02 -4.57 0.00	76.52 -6.02 0.00	83.96 -6.71 0.00	83.87 -6.02 0.00	77.24 -4.58 0.00	67.24 -2.44 0.00	60.49 -1.36 0.00	50.44 -0.77 0.00
W.BABYLN_69_KV_BK1 56697	43.23 3.89 0.00	37.16 3.13 0.00	33.84 2.62 0.00	32.49 2.43 0.00	31.40 2.35 0.00	31.14 2.36 0.00	31.05 2.22 0.00	31.02 2.40 0.00	34.03 2.92 0.00	38.67 3.16 0.00	45.82 3.74 -3.47	50.17 4.28 -0.31	52.76 4.27 0.00	56.02 3.72 0.05	61.65 4.68 0.16	66.75 4.79 0.22	78.98 6.39 0.00	91.21 8.67 0.00	100.00 9.34 0.00	97.54 7.64 0.00	86.93 5.73 0.62	73.43 4.25 0.50	59.53 3.46 5.78	53.46 2.25 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.69 2.36 0.00	36.14 2.11 0.00	33.12 1.90 0.00	31.83 1.77 0.00	30.82 1.77 0.00	30.62 1.84 0.00	30.74 1.90 0.00	30.53 1.92 0.00	33.22 2.11 0.00	37.61 2.10 0.00	40.80 2.20 0.00	48.03 2.46 0.00	51.21 2.72 0.00	55.39 3.04 0.00	60.61 3.48 0.00	65.79 3.61 0.00	77.53 4.94 0.00	88.98 6.44 0.00	97.65 6.98 0.00	96.28 6.38 0.00	86.81 4.99 0.00	72.95 3.27 0.00	64.01 2.16 0.00	53.36 2.15 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.05 2.71 0.00	36.42 2.38 0.00	33.31 2.09 0.00	32.04 1.98 0.00	31.05 2.00 0.00	30.82 2.04 0.00	31.00 2.16 0.00	30.82 2.20 0.00	33.53 2.43 0.00	37.96 2.45 0.00	41.26 2.66 0.00	48.58 3.01 0.00	51.70 3.20 0.00	55.91 3.56 0.00	61.18 4.06 0.00	66.22 4.04 0.00	77.96 5.37 0.00	89.56 7.02 0.00	98.28 7.62 0.00	96.91 7.01 0.00	87.30 5.48 0.00	73.23 3.55 0.00	64.26 2.41 0.00	53.77 2.56 0.00
W50THST__13_KV_LOAD 356117	42.24 2.91 0.00	36.59 2.55 0.00	33.46 2.25 0.00	32.16 2.10 0.00	31.20 2.15 0.00	30.96 2.19 0.00	31.14 2.31 0.00	30.99 2.38 0.00	33.72 2.61 0.00	38.17 2.66 0.00	41.46 2.86 0.00	48.86 3.28 0.00	52.04 3.54 0.00	56.23 3.87 0.00	61.52 4.40 0.00	66.66 4.48 0.00	78.47 5.88 0.00	90.13 7.59 0.00	98.91 8.25 0.00	97.54 7.64 0.00	87.79 5.97 0.00	73.65 3.97 0.00	64.63 2.78 0.00	54.08 2.87 0.00
WADING RIVER_IC_1 23522	42.32 2.99 0.00	36.31 2.28 0.00	33.06 1.84 0.00	31.77 1.71 0.00	30.64 1.60 0.00	30.44 1.67 0.00	30.25 1.41 0.00	30.28 1.66 0.00	33.25 2.14 0.00	37.78 2.27 0.00	44.88 2.93 -3.34	49.00 3.28 -0.14	51.60 3.11 0.00	54.74 2.51 0.13	59.97 3.31 0.46	65.28 3.48 0.39	77.24 4.65 0.00	89.72 7.18 -0.01	98.28 7.62 0.00	95.65 5.76 0.00	84.84 4.09 1.07	70.70 1.88 0.86	55.85 1.24 7.24	51.87 0.66 0.00
WADING RIVER_IC_2 23547	42.32 2.99 0.00	36.31 2.28 0.00	33.06 1.84 0.00	31.77 1.71 0.00	30.64 1.60 0.00	30.44 1.67 0.00	30.25 1.41 0.00	30.28 1.66 0.00	33.25 2.14 0.00	37.78 2.27 0.00	44.88 2.93 -3.34	49.00 3.28 -0.14	51.60 3.11 0.00	54.74 2.51 0.13	59.97 3.31 0.46	65.28 3.48 0.39	77.24 4.65 0.00	89.72 7.18 -0.01	98.28 7.62 0.00	95.65 5.76 0.00	84.84 4.09 1.07	70.70 1.88 0.86	55.85 1.24 7.24	51.87 0.66 0.00
WADING RIVER_IC_3 23601	42.32 2.99 0.00	36.31 2.28 0.00	33.06 1.84 0.00	31.77 1.71 0.00	30.64 1.60 0.00	30.44 1.67 0.00	30.25 1.41 0.00	30.28 1.66 0.00	33.25 2.14 0.00	37.78 2.27 0.00	44.88 2.93 -3.34	49.00 3.28 -0.14	51.60 3.11 0.00	54.74 2.51 0.13	59.97 3.31 0.46	65.28 3.48 0.39	77.24 4.65 0.00	89.72 7.18 -0.01	98.28 7.62 0.00	95.65 5.76 0.00	84.84 4.09 1.07	70.70 1.88 0.86	55.85 1.24 7.24	51.87 0.66 0.00
WALDENNY_12_KV_BK2 80841	40.16 0.83 0.00	34.10 0.07 0.00	30.90 -0.31 0.00	29.94 -0.12 0.00	28.32 -0.73 0.00	28.09 -0.69 0.00	28.14 -0.69 0.00	27.96 -0.66 0.00	30.45 -0.65 0.00	34.91 -0.60 0.00	37.98 -0.62 0.00	45.07 -0.50 0.00	48.20 -0.29 0.00	51.73 -0.63 0.00	56.44 -0.69 0.00	61.62 -0.56 0.00	72.45 -0.15 0.00	82.95 0.41 0.00	93.29 2.63 0.00	93.13 3.24 0.00	83.87 2.05 0.00	70.24 0.56 0.00	62.65 0.80 0.00	51.52 0.31 0.00
WALDEN__HYDRO 24148	41.46 2.12 0.00	35.91 1.87 0.00	32.90 1.69 0.00	31.65 1.59 0.00	30.64 1.60 0.00	30.42 1.64 0.00	30.54 1.70 0.00	30.30 1.69 0.00	32.94 1.84 0.00	37.29 1.78 0.00	40.53 1.93 0.00	47.72 2.14 0.00	50.87 2.38 0.00	55.08 2.72 0.00	60.26 3.14 0.00	65.48 3.30 0.00	77.16 4.57 0.00	88.56 6.03 0.00	97.28 6.62 0.00	96.01 6.11 0.00	86.65 4.83 0.00	72.81 3.14 0.00	63.95 2.10 0.00	53.21 2.00 0.00
WARRENSBURG____ 23737	41.06 1.73 0.00	35.53 1.50 0.00	32.49 1.28 0.00	31.23 1.17 0.00	30.27 1.22 0.00	29.98 1.21 0.00	30.07 1.24 0.00	29.76 1.14 0.00	32.47 1.37 0.00	36.86 1.35 0.00	39.68 1.08 0.00	46.85 1.28 0.00	49.66 1.16 0.00	53.82 1.47 0.00	59.01 1.89 0.00	64.48 2.30 0.00	75.79 3.19 0.00	87.41 4.87 0.00	97.28 6.62 0.00	96.82 6.92 0.00	87.96 6.14 0.00	74.28 4.60 0.00	64.94 3.09 0.00	53.67 2.46 0.00
WATERSIDE____6 8 9 23538	42.24 2.91 0.00	36.55 2.52 0.00	33.40 2.18 0.00	32.10 2.04 0.00	31.11 2.06 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.56 2.46 0.00	37.96 2.45 0.00	41.26 2.66 0.00	48.63 3.05 0.00	51.70 3.20 0.00	55.76 3.40 0.00	60.95 3.83 0.00	65.85 3.67 0.00	77.52 4.94 0.01	89.05 6.52 0.01	97.64 6.98 0.01	96.27 6.38 0.01	86.72 4.91 0.01	71.91 3.07 0.83	63.88 2.04 0.01	53.62 2.41 0.00
WATKINRD_115KV_LN8_ILLION 55919	39.61 0.28 0.00	34.24 0.20 0.00	31.40 0.19 0.00	30.24 0.18 0.00	29.25 0.20 0.00	29.01 0.23 0.00	29.04 0.20 0.00	28.82 0.20 0.00	31.32 0.22 0.00	35.72 0.21 0.00	38.79 0.19 0.00	45.85 0.27 0.00	48.74 0.24 0.00	52.62 0.26 0.00	57.46 0.34 0.00	62.56 0.37 0.00	73.24 0.65 0.00	83.61 1.07 0.00	92.21 1.54 0.00	91.42 1.53 0.00	82.97 1.15 0.00	70.37 0.70 0.00	62.28 0.43 0.00	51.52 0.31 0.00

WDELAWARE___HYD 323627	41.14 1.81 0.00	35.60 1.57 0.00	32.62 1.41 0.00	31.38 1.32 0.00	30.32 1.28 0.00	30.13 1.35 0.00	30.22 1.38 0.00	30.02 1.40 0.00	32.63 1.52 0.00	36.97 1.46 0.00	40.15 1.55 0.00	47.31 1.73 0.00	50.48 1.99 0.00	54.82 2.46 0.00	59.92 2.80 0.00	65.17 2.98 0.00	76.95 4.36 0.00	88.49 5.95 0.00	97.37 6.71 0.00	96.19 6.29 0.00	87.06 5.24 0.00	72.89 3.21 0.00	63.95 2.10 0.00	53.05 1.84 0.00
WEST BABYLON___IC 23714	43.23 3.89 0.00	37.16 3.13 0.00	33.84 2.62 0.00	32.49 2.43 0.00	31.40 2.35 0.00	31.14 2.36 0.00	31.05 2.22 0.00	31.02 2.40 0.00	34.03 2.92 0.00	38.67 3.16 0.00	45.82 3.74 -3.47	50.17 4.28 -0.31	52.76 4.27 0.00	56.02 3.72 0.05	61.65 4.68 0.16	66.75 4.79 0.22	78.98 6.39 0.00	91.21 8.67 0.00	100.00 9.34 0.00	97.54 7.64 0.00	86.93 5.73 0.62	73.43 4.25 0.50	59.53 3.46 5.78	53.46 2.25 0.00
WEST CANADA___HYD 24049	39.57 0.24 0.00	34.24 0.21 0.00	31.40 0.19 0.00	30.24 0.18 0.00	29.22 0.18 0.00	28.98 0.20 0.00	29.04 0.20 0.00	28.82 0.20 0.00	31.29 0.19 0.00	35.65 0.14 0.00	38.72 0.12 0.00	45.71 0.14 0.00	48.64 0.15 0.00	52.57 0.21 0.00	57.41 0.29 0.00	62.49 0.31 0.00	73.10 0.51 0.00	83.36 0.83 0.00	91.76 1.09 0.00	90.98 1.08 0.00	82.72 0.90 0.00	70.10 0.42 0.00	62.10 0.25 0.00	51.41 0.21 0.00
WESTERN_NY_WIND 24143	41.50 2.16 0.00	35.26 1.23 0.00	31.87 0.66 0.00	30.93 0.87 0.00	29.19 0.15 0.00	29.06 0.29 0.00	28.98 0.14 0.00	28.70 0.09 0.00	31.20 0.09 0.00	35.65 0.14 0.00	38.91 0.31 0.00	46.17 0.59 0.00	49.37 0.87 0.00	52.93 0.58 0.00	57.98 0.86 0.00	63.30 1.12 0.00	74.48 1.89 0.00	85.43 2.89 0.00	96.29 5.62 0.00	96.28 6.38 0.00	86.89 5.07 0.00	72.74 3.07 0.00	64.75 2.91 0.00	53.15 1.95 0.00
WESTOVER___LESR 323668	40.16 0.83 0.00	34.58 0.54 0.00	31.62 0.41 0.00	30.45 0.39 0.00	29.28 0.23 0.00	29.01 0.23 0.00	29.09 0.26 0.00	28.90 0.29 0.00	31.44 0.34 0.00	35.76 0.25 0.00	38.87 0.27 0.00	46.03 0.46 0.00	49.08 0.58 0.00	52.98 0.63 0.00	57.81 0.69 0.00	62.99 0.81 0.00	74.12 1.52 0.00	84.69 2.15 0.00	94.02 3.35 0.00	93.40 3.51 0.00	84.69 2.86 0.00	71.42 1.74 0.00	63.02 1.18 0.00	51.98 0.77 0.00
WETHRSFD_WT_PWR 323626	40.00 0.67 0.00	34.07 0.03 0.00	31.06 -0.16 0.00	29.85 -0.21 0.00	28.52 -0.52 0.00	27.85 -0.92 0.00	28.03 -0.81 0.00	27.61 -1.00 0.00	30.11 -1.00 0.00	34.55 -0.96 0.00	37.44 -1.16 0.00	44.35 -1.23 0.00	47.38 -1.11 0.00	50.83 -1.52 0.00	55.29 -1.83 0.00	60.32 -1.86 0.00	71.06 -1.53 0.00	81.63 -0.91 0.00	91.93 1.27 0.00	92.32 2.43 0.00	84.11 2.29 0.00	70.10 0.42 0.00	62.59 0.74 0.00	51.41 0.21 0.00
WHAVSTOR_138KV_BK127 55557	41.53 2.20 0.00	36.01 1.97 0.00	32.96 1.75 0.00	31.71 1.65 0.00	30.70 1.66 0.00	30.50 1.73 0.00	30.62 1.79 0.00	30.42 1.80 0.00	33.09 1.99 0.00	37.43 1.92 0.00	40.61 2.01 0.00	47.85 2.28 0.00	50.92 2.42 0.00	55.08 2.72 0.00	60.26 3.14 0.00	65.35 3.17 0.00	77.02 4.43 0.00	88.40 5.86 0.00	97.01 6.35 0.00	95.65 5.75 0.00	86.16 4.34 0.00	72.47 2.79 0.00	63.64 1.79 0.00	53.05 1.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.53 2.20 0.00	36.01 1.97 0.00	32.96 1.75 0.00	31.71 1.65 0.00	30.70 1.66 0.00	30.50 1.73 0.00	30.62 1.79 0.00	30.42 1.80 0.00	33.09 1.99 0.00	37.43 1.92 0.00	40.61 2.01 0.00	47.85 2.28 0.00	50.92 2.42 0.00	55.08 2.72 0.00	60.26 3.14 0.00	65.35 3.17 0.00	77.02 4.43 0.00	88.40 5.86 0.00	97.01 6.35 0.00	95.65 5.75 0.00	86.16 4.34 0.00	72.47 2.79 0.00	63.64 1.79 0.00	53.05 1.84 0.00
WHITEHAL_115KV_TB1 80871	40.63 1.30 0.00	35.05 1.02 0.00	31.96 0.75 0.00	30.69 0.63 0.00	29.77 0.73 0.00	29.50 0.72 0.00	29.58 0.75 0.00	29.22 0.60 0.00	32.00 0.90 0.00	36.36 0.85 0.00	39.14 0.54 0.00	46.35 0.77 0.00	49.08 0.58 0.00	53.24 0.89 0.00	58.61 1.49 0.00	64.30 2.11 0.00	75.79 3.19 0.00	87.90 5.37 0.00	98.37 7.71 0.00	98.35 8.45 0.00	89.60 7.77 0.00	75.32 5.64 0.00	65.37 3.53 0.00	53.77 2.56 0.00
WHITEPLN_13_KV_LOAD 356215	42.16 2.83 0.00	36.52 2.48 0.00	33.43 2.22 0.00	32.13 2.07 0.00	31.14 2.09 0.00	30.91 2.13 0.00	31.05 2.22 0.00	30.85 2.23 0.00	33.56 2.46 0.00	38.03 2.52 0.00	41.34 2.74 0.00	48.72 3.14 0.00	52.04 3.54 0.00	56.23 3.87 0.00	61.52 4.40 0.00	66.78 4.60 0.00	78.83 6.24 0.00	90.55 8.01 0.00	99.46 8.79 0.00	97.99 8.09 0.00	88.29 6.46 0.00	73.93 4.25 0.00	64.88 3.03 0.00	54.08 2.87 0.00
WM_FLOYD_69_KV_BK2 356380	42.75 3.42 0.00	36.65 2.62 0.00	33.37 2.15 0.00	32.07 2.01 0.00	30.99 1.95 0.00	30.70 1.93 0.00	30.59 1.76 0.00	30.56 1.95 0.00	33.56 2.46 0.00	38.10 2.59 0.00	45.23 3.28 -3.34	49.36 3.65 -0.14	52.03 3.54 0.00	55.09 2.88 0.14	60.28 3.66 0.50	65.68 3.92 0.42	77.89 5.30 0.00	90.30 7.76 0.00	99.10 8.43 0.00	96.55 6.65 0.00	85.08 4.42 1.16	71.96 3.21 0.92	56.97 2.35 7.23	52.59 1.38 0.00
WOODARD__115KV_TB2 355635	39.41 0.08 0.00	33.97 -0.07 0.00	31.09 -0.12 0.00	29.94 -0.12 0.00	28.87 -0.17 0.00	28.57 -0.20 0.00	28.63 -0.20 0.00	28.44 -0.17 0.00	30.98 -0.12 0.00	35.30 -0.21 0.00	38.45 -0.15 0.00	45.48 -0.09 0.00	48.49 0.00 0.00	52.41 0.05 0.00	57.24 0.11 0.00	62.24 0.06 0.00	73.10 0.51 0.00	83.36 0.83 0.00	92.21 1.54 0.00	91.51 1.62 0.00	83.05 1.23 0.00	70.17 0.49 0.00	62.03 0.19 0.00	51.26 0.05 0.00
WOODMERE_69_KV_BK1 55827	43.03 3.70 0.00	37.10 3.06 0.00	33.77 2.56 0.00	32.49 2.43 0.00	31.40 2.35 0.00	31.14 2.36 0.00	31.11 2.28 0.00	31.05 2.43 0.00	33.99 2.89 0.00	38.63 3.12 0.00	47.14 3.51 -5.02	52.03 4.15 -2.31	53.01 4.46 -0.05	56.49 4.14 0.00	62.21 5.03 -0.06	67.28 5.10 0.00	79.34 6.75 0.00	91.54 9.00 0.00	100.37 9.70 0.00	98.17 8.27 0.00	88.04 6.22 0.00	74.28 4.60 0.00	72.08 3.96 -6.27	53.87 2.66 0.00
YORK___WARBASSE 23770	42.40 3.07 0.00	36.65 2.62 0.00	33.49 2.28 0.00	32.16 2.10 0.00	31.17 2.12 0.00	30.88 2.10 0.00	31.03 2.19 0.00	30.85 2.23 0.00	33.62 2.52 0.00	38.03 2.52 0.00	41.38 2.78 0.00	48.81 3.24 0.00	51.84 3.35 0.00	55.70 3.35 0.00	61.00 3.88 0.00	65.91 3.73 0.00	77.81 5.23 0.01	89.38 6.85 0.01	98.09 7.43 0.01	96.81 6.92 0.01	87.13 5.32 0.01	73.08 3.41 0.01	63.88 2.04 0.01	53.56 2.36 0.00