

Day Ahead Market Generator LBMP

--- LBMP \$		--- Marginal Cost of Losses														--- Marginal Cost of Congestion										11/11/2025	
Generator Data																											
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1		EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST		
24138		49.31	48.37	45.17	44.74	47.71	52.73	69.74	80.69	68.53	64.82	64.94	62.53	62.28	62.43	62.82	67.28	88.50	116.37	102.24	91.72	74.45	67.13	57.59	53.20		
		3.31	3.12	2.72	2.69	3.08	3.63	4.74	5.63	4.90	4.86	4.92	4.98	5.09	5.18	5.40	6.00	7.53	9.51	8.27	7.11	5.26	5.14	3.82	3.48		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.25	-1.26	-0.92	-0.56	-0.06	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00		
74TH STREET_GT_1		49.40	48.46	45.30	44.82	47.80	52.83	69.81	80.69	68.53	64.83	64.95	62.56	62.94	62.94	63.04	67.25	88.50	116.37	102.33	91.89	74.51	67.26	57.75	53.34		
24260		3.40	3.21	2.84	2.78	3.17	3.73	4.81	5.63	4.90	4.86	4.92	4.87	4.98	5.13	5.29	5.94	7.53	9.51	8.36	7.28	5.33	5.27	3.98	3.63		
		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-0.02	-0.02	-0.40	-2.03	-1.49	-0.90	-0.09	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	0.00		
74TH STREET_GT_2		49.40	48.46	45.30	44.82	47.80	52.83	69.81	80.69	68.53	64.83	64.95	62.56	62.94	62.94	63.04	67.25	88.50	116.37	102.33	91.89	74.51	67.26	57.75	53.34		
24261		3.40	3.21	2.84	2.78	3.17	3.73	4.81	5.63	4.90	4.86	4.92	4.87	4.98	5.13	5.29	5.94	7.53	9.51	8.36	7.28	5.33	5.27	3.98	3.63		
		0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	-0.02	-0.02	-0.40	-2.03	-1.49	-0.90	-0.09	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	0.00		
ADK HUDSON__FALLS		48.67	48.14	45.17	44.66	46.64	51.46	68.30	78.82	66.31	62.23	62.23	59.58	58.17	58.53	59.36	63.98	85.34	111.89	98.66	88.34	72.58	64.64	56.08	51.80		
24011		2.67	2.90	2.72	2.61	2.01	2.36	3.31	3.75	2.67	2.28	2.22	2.29	2.24	2.20	2.50	2.76	4.37	5.02	4.70	3.72	3.39	2.66	2.31	2.09		
		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		47.79	47.28	44.37	43.86	46.82	51.65	68.63	79.19	66.56	62.47	62.47	59.70	58.28	58.64	59.42	64.04	85.58	112.20	99.04	88.59	72.85	64.95	56.29	51.90		
23798		1.79	2.04	1.91	1.81	2.19	2.55	3.64	4.13	2.93	2.52	2.46	2.41	2.35	2.31	2.56	2.82	4.61	5.34	5.07	3.98	3.66	2.97	2.53	2.19		
		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		48.67	48.14	45.17	44.66	46.64	51.46	68.30	78.82	66.31	62.23	62.23	59.58	58.17	58.53	59.36	63.98	85.34	111.89	98.66	88.34	72.58	64.64	56.08	51.80		
24028		2.67	2.90	2.72	2.61	2.01	2.36	3.31	3.75	2.67	2.28	2.22	2.29	2.24	2.20	2.50	2.76	4.37	5.02	4.70	3.72	3.39	2.66	2.31	2.09		
		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		47.47	46.78	44.07	43.73	46.50	51.26	68.37	78.81	66.62	62.66	62.89	60.27	58.90	59.31	59.98	64.65	85.74	111.45	98.66	88.51	72.44	64.89	56.24	51.85		
23527		1.47	1.54	1.61	1.68	1.87	2.16	3.38	3.75	2.99	2.70	2.88	2.98	2.96	2.98	3.13	3.43	4.78	4.59	4.70	3.89	3.25	2.91	2.47	2.14		
		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		46.60	45.83	43.17	42.72	45.34	49.89	66.16	76.41	64.65	60.85	61.09	58.50	57.22	57.68	58.34	62.82	83.15	108.89	95.94	86.14	70.50	63.09	54.79	50.76		
24190		0.60	0.59	0.72	0.67	0.71	0.79	1.17	1.35	1.02	0.90	1.08	1.20	1.29	1.35	1.48	1.59	2.19	2.03	1.97	1.52	1.31	1.12	1.02	1.04		
		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		46.14	45.38	42.58	42.18	44.81	49.30	65.31	75.44	63.82	60.07	60.07	57.24	55.77	55.99	56.40	60.74	80.08	106.33	93.40	84.28	69.05	62.04	53.98	49.96		
355683		0.14	0.14	0.13	0.13	0.18	0.20	0.32	0.38	0.19	0.12	0.06	-0.06	-0.17	-0.34	-0.45	-0.49	-0.89	-0.53	-0.56	-0.34	-0.14	0.06	0.22	0.25		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR		47.38	46.78	43.94	43.48	46.19	50.86	67.39	77.76	65.61	61.75	61.81	59.07	57.67	58.13	58.85	63.49	84.45	110.70	97.54	87.58	71.67	64.27	55.65	51.41		
323833		1.38	1.54	1.49	1.43	1.56	1.77	2.41	2.70	1.97	1.80	1.80	1.78	1.74	1.80	1.99	2.27	3.48	3.84	3.57	2.96	2.49	2.29	1.88	1.69		
		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		47.38	46.78	43.90	43.43	46.19	50.82	67.39	77.76	65.61	61.75	61.81	59.07	57.61	58.13	58.85	63.49	84.37	110.70	97.54	87.49	71.67	64.27	55.65	51.41		
323834		1.38	1.54	1.44	1.39	1.56	1.72	2.41	2.70	1.97	1.80	1.80	1.78	1.68	1.80	1.99	2.27	3.40	3.84	3.57	2.88	2.49	2.29	1.88	1.69		
		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		46.60	45.83	43.17	42.72	45.34	49.89	66.16	76.41	64.65	60.85	61.09	58.50	57.22	57.68	58.34	62.82	83.15	108.89	95.94	86.14	70.50	63.09	54.79	50.76		
23571		0.60	0.59	0.72	0.67	0.71	0.79	1.17	1.35	1.02	0.90	1.08	1.20	1.29	1.35	1.48	1.59	2.19	2.03	1.97	1.52	1.31	1.12	1.02	1.04		
		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	46.60 0.60 0.00	45.83 0.59 0.00	43.17 0.72 0.00	42.72 0.67 0.00	45.34 0.71 0.00	49.89 0.79 0.00	66.16 1.17 0.00	76.41 1.35 0.00	64.65 1.02 0.00	60.85 0.90 0.00	61.09 1.08 0.00	58.50 1.20 0.00	57.22 1.29 0.00	57.68 1.35 0.00	58.34 1.48 0.00	62.82 1.59 0.00	83.15 2.19 0.00	108.89 2.03 0.00	95.94 1.97 0.00	86.14 1.52 0.00	70.50 1.31 0.00	63.09 1.12 0.00	54.79 1.02 0.00	50.76 1.04 0.00
ALBANY___3 23573	46.60 0.60 0.00	45.83 0.59 0.00	43.17 0.72 0.00	42.72 0.67 0.00	45.34 0.71 0.00	49.89 0.79 0.00	66.16 1.17 0.00	76.41 1.35 0.00	64.65 1.02 0.00	60.85 0.90 0.00	61.09 1.08 0.00	58.50 1.20 0.00	57.22 1.29 0.00	57.68 1.35 0.00	58.34 1.48 0.00	62.82 1.59 0.00	83.15 2.19 0.00	108.89 2.03 0.00	95.94 1.97 0.00	86.14 1.52 0.00	70.50 1.31 0.00	63.09 1.12 0.00	54.79 1.02 0.00	50.76 1.04 0.00
ALBANY___4 23574	46.60 0.60 0.00	45.83 0.59 0.00	43.17 0.72 0.00	42.72 0.67 0.00	45.34 0.71 0.00	49.89 0.79 0.00	66.16 1.17 0.00	76.41 1.35 0.00	64.65 1.02 0.00	60.85 0.90 0.00	61.09 1.08 0.00	58.50 1.20 0.00	57.22 1.29 0.00	57.68 1.35 0.00	58.34 1.48 0.00	62.82 1.59 0.00	83.15 2.19 0.00	108.89 2.03 0.00	95.94 1.97 0.00	86.14 1.52 0.00	70.50 1.31 0.00	63.09 1.12 0.00	54.79 1.02 0.00	50.76 1.04 0.00
ALBANY___LFGE 323615	46.92 0.92 0.00	46.33 1.08 0.00	43.51 1.06 0.00	43.06 1.01 0.00	45.70 1.07 0.00	50.37 1.27 0.00	66.81 1.82 0.00	77.16 2.10 0.00	65.29 1.65 0.00	61.45 1.50 0.00	61.75 1.74 0.00	59.01 1.72 0.00	57.72 1.79 0.00	58.19 1.86 0.00	58.85 1.99 0.00	63.37 2.14 0.00	84.12 3.15 0.00	109.85 2.99 0.00	96.78 2.82 0.00	86.81 2.20 0.00	71.12 1.93 0.00	63.71 1.73 0.00	55.27 1.50 0.00	51.06 1.34 0.00
ALCOA_PA_115KV_PL-6C 55860	46.51 0.51 0.00	45.74 0.50 0.00	42.88 0.42 0.00	42.51 0.46 0.00	45.16 0.54 0.00	49.69 0.59 0.00	65.83 0.84 0.00	76.04 0.98 0.00	64.27 0.64 0.00	60.49 0.54 0.00	60.49 0.48 0.00	57.64 0.34 0.00	56.10 0.17 0.00	56.27 -0.06 0.00	56.69 -0.17 0.00	61.04 -0.18 0.00	80.40 -0.57 0.00	106.86 0.00 0.00	93.87 -0.09 0.00	84.78 0.17 0.00	69.46 0.28 0.00	62.53 0.56 0.00	54.36 0.59 0.00	50.36 0.65 0.00
ALCOA_RYNLDS___DRP 24188	46.51 0.51 0.00	45.74 0.50 0.00	42.88 0.42 0.00	42.51 0.46 0.00	45.16 0.54 0.00	49.69 0.59 0.00	65.83 0.84 0.00	76.04 0.98 0.00	64.27 0.64 0.00	60.49 0.54 0.00	60.49 0.48 0.00	57.64 0.34 0.00	56.10 0.17 0.00	56.27 -0.06 0.00	56.69 -0.17 0.00	61.04 -0.18 0.00	80.40 -0.57 0.00	106.86 0.00 0.00	93.87 -0.09 0.00	84.78 0.17 0.00	69.46 0.28 0.00	62.53 0.56 0.00	54.36 0.59 0.00	50.36 0.65 0.00
ALCOA___DSASP 323711	46.51 0.51 0.00	45.74 0.50 0.00	42.88 0.42 0.00	42.51 0.46 0.00	45.16 0.54 0.00	49.69 0.59 0.00	65.83 0.84 0.00	76.04 0.98 0.00	64.27 0.64 0.00	60.49 0.54 0.00	60.49 0.48 0.00	57.64 0.34 0.00	56.10 0.17 0.00	56.27 -0.06 0.00	56.69 -0.17 0.00	61.04 -0.18 0.00	80.40 -0.57 0.00	106.86 0.00 0.00	93.87 -0.09 0.00	84.78 0.17 0.00	69.46 0.28 0.00	62.53 0.56 0.00	54.36 0.59 0.00	50.36 0.65 0.00
ALLEGHENY___COGEN 23514	46.60 0.60 0.00	45.47 0.23 0.00	42.58 0.13 0.00	42.18 0.13 0.00	44.05 -0.58 0.00	48.17 -0.93 0.00	63.43 -1.56 0.00	74.73 -0.30 0.04	63.00 -0.64 0.00	58.46 -1.50 0.00	57.79 -2.22 0.00	54.58 -2.69 0.02	52.88 -3.02 0.04	52.98 -3.32 0.02	53.60 -3.24 0.02	57.96 -3.25 0.02	74.39 -6.56 0.02	100.21 -6.63 0.02	88.21 -5.74 0.02	80.03 -4.57 0.01	64.94 -4.22 0.02	57.49 -4.46 0.02	52.37 -1.40 0.00	48.72 -0.99 0.00
ALTAMONT_115KV_TB 2 55880	46.87 0.87 0.00	46.10 0.86 0.00	43.34 0.89 0.00	42.93 0.88 0.00	45.57 0.94 0.00	50.18 1.08 0.00	66.48 1.49 0.00	76.79 1.73 0.00	64.97 1.34 0.00	61.21 1.26 0.00	61.33 1.32 0.00	58.67 1.38 0.00	57.39 1.45 0.00	57.85 1.52 0.00	58.51 1.65 0.00	63.06 1.84 0.00	83.40 2.43 0.00	109.43 2.56 0.00	96.32 2.35 0.00	86.56 1.95 0.00	70.85 1.66 0.00	63.46 1.49 0.00	54.95 1.18 0.00	50.81 1.09 0.00
ALTONA_WT_PWR 323606	44.99 -1.01 0.00	44.29 -0.95 0.00	41.56 -0.89 0.00	41.21 -0.84 0.00	43.83 -0.80 0.00	47.63 -1.47 0.00	62.78 -2.21 0.00	72.74 -2.33 0.00	61.47 -2.16 0.00	57.68 -2.28 0.00	57.61 -2.40 0.00	54.77 -2.52 0.00	53.31 -2.63 0.00	53.74 -2.59 0.00	54.19 -2.67 0.00	58.35 -2.88 0.00	77.08 -3.88 0.00	102.16 -4.70 0.00	89.83 -4.13 0.00	80.89 -3.72 0.00	66.21 -2.97 0.00	59.31 -2.66 0.00	51.83 -1.93 0.00	48.52 -1.19 0.00
AMERICAN_REF_FUEL 24010	43.70 -2.30 0.00	42.67 -2.58 0.00	39.65 -2.80 0.00	39.27 -2.78 0.00	41.15 -3.48 0.00	44.19 -4.91 0.00	56.93 -8.06 0.00	64.77 -10.28 0.01	55.87 -7.77 0.00	53.42 -6.53 0.00	53.53 -6.48 0.00	50.98 -6.30 0.01	49.49 -6.43 0.01	49.38 -6.93 0.01	49.73 -7.11 0.01	53.25 -7.96 0.01	69.86 -11.09 0.01	92.96 -13.89 0.01	81.26 -12.69 0.01	73.61 -11.00 0.01	59.97 -9.20 0.01	53.10 -8.86 0.01	47.42 -6.35 0.00	44.79 -4.92 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	43.98 -2.02 0.00	42.98 -2.26 0.00	39.99 -2.46 0.00	39.53 -2.52 0.00	41.10 -3.53 0.00	44.73 -4.37 0.00	58.17 -6.82 0.00	66.04 -9.01 0.02	56.63 -7.00 0.00	53.90 -6.05 0.00	54.01 -6.00 0.00	51.09 -6.19 0.01	49.54 -6.38 0.02	49.55 -6.76 0.02	50.13 -6.71 0.02	54.05 -7.16 0.02	71.72 -9.23 0.02	95.84 -11.00 0.02	83.99 -9.96 0.02	74.71 -9.90 0.01	60.73 -8.44 0.02	54.15 -7.81 0.02	47.85 -5.91 0.00	44.85 -4.87 0.00
ARTHUR KILL_GT_1 23520	49.92 3.91 -0.01	48.87 3.62 -0.01	45.60 3.14 -0.01	45.17 3.11 -0.01	48.12 3.48 -0.01	53.13 4.03 -0.01	69.35 4.35 -0.01	79.72 4.65 0.00	67.96 4.33 0.00	64.23 4.26 -0.02	64.17 4.14 -0.02	61.41 3.78 -0.34	61.52 3.92 -1.67	61.61 4.06 -1.23	61.87 4.26 -0.74	66.08 4.78 -0.08	87.85 6.88 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.82 4.64 0.00	67.07 5.08 -0.02	57.70 3.93 -0.01	53.50 3.78 -0.01
ARTHUR_KILL_2 23512	49.78 3.77 -0.01	48.83 3.57 -0.01	45.52 3.06 -0.01	45.09 3.03 -0.01	48.03 3.39 -0.01	53.13 4.03 -0.01	69.35 4.35 -0.01	79.72 4.66 0.00	67.90 4.26 0.00	64.23 4.26 -0.02	64.11 4.08 -0.02	61.35 3.72 -0.34	61.41 3.81 -1.67	61.50 3.94 -1.23	61.70 4.10 -0.74	66.33 5.02 -0.08	87.36 6.39 0.00	114.98 8.12 0.00	101.20 7.24 0.00	90.79 6.17 0.00	73.62 4.43 0.00	67.01 5.02 -0.02	57.70 3.92 -0.01	53.30 3.58 -0.01
ARTHUR_KILL_3 23513	48.95 2.95 0.00	48.14 2.90 0.00	44.87 2.42 0.00	44.49 2.44 0.00	47.40 2.77 0.00	52.44 3.34 0.00	69.42 4.42 -0.01	80.24 5.18 0.00	68.09 4.45 0.00	64.47 4.50 -0.01	64.47 4.44 -0.02	62.09 4.47 -0.33	62.18 4.59 -1.66	62.22 4.67 -1.22	62.42 4.83 -0.74	66.44 5.14 -0.07	87.61 6.64 0.00	115.30 8.44 0.00	101.30 7.33 0.00	90.96 6.35 0.00	73.89 4.71 0.00	66.83 4.84 -0.01	57.32 3.55 -0.01	52.80 3.08 0.00

ARTHUR_KILL_COGEN 323718	49.92	48.96	45.60	45.21	48.12	53.28	69.54	79.87	68.09	64.35	64.29	61.47	61.52	61.61	61.87	66.51	87.61	115.30	101.57	91.04	73.89	67.20	57.81	53.40
	3.91	3.71	3.14	3.16	3.48	4.17	4.55	4.81	4.45	4.37	4.26	3.84	3.91	4.06	4.27	5.20	6.64	8.44	7.61	6.43	4.71	5.21	4.03	3.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.02	-0.34	-1.67	-1.23	-0.74	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASHOKAN____ 23654	47.70	47.01	44.02	43.52	46.42	51.26	68.24	78.81	66.43	62.47	62.11	59.41	58.17	58.52	59.14	64.10	85.42	112.84	99.32	88.93	72.58	65.26	56.19	51.71
	1.70	1.76	1.57	1.47	1.79	2.16	3.25	3.75	2.80	2.52	2.10	2.12	2.24	2.19	2.28	2.88	4.45	5.98	5.35	4.31	3.39	3.28	2.42	1.99
	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
ASTORIA_EAST_ENERGY_CC1 323581	49.50	48.69	45.48	45.04	47.99	53.08	69.54	79.93	68.21	64.70	64.83	62.27	62.30	62.40	62.75	66.88	87.60	115.20	101.29	90.87	73.74	67.00	57.92	53.40
	3.49	3.44	3.01	2.99	3.35	3.98	4.55	4.88	4.58	4.74	4.80	4.64	4.70	4.85	5.00	5.57	6.64	8.34	7.33	6.26	4.57	5.02	4.14	3.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.01	0.01	0.01	0.01	0.01	-0.01	-0.01	-0.01
ASTORIA_EAST_ENERGY_CC2 323582	49.46	48.65	45.43	45.04	47.94	53.04	69.54	79.86	68.14	64.64	64.76	62.27	62.30	62.34	62.75	66.82	87.51	115.20	101.19	90.87	73.67	67.00	57.86	53.40
	3.45	3.40	2.97	2.99	3.30	3.93	4.55	4.81	4.52	4.68	4.74	4.64	4.70	4.79	5.00	5.51	6.56	8.34	7.24	6.26	4.49	5.02	4.08	3.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.01	0.01	0.01	0.01	0.01	-0.01	-0.01	-0.01
ASTORIA_GT2_1 24094	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASTORIA_GT2_2 24095	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASTORIA_GT2_3 24096	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASTORIA_GT2_4 24097	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASTORIA_GT3_1 24098	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASTORIA_GT3_2 24099	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASTORIA_GT3_3 24100	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASTORIA_GT3_4 24101	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASTORIA_GT4_1 24102	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASTORIA_GT4_2 24103	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
ASTORIA_GT4_3 24104	49.50	48.60	45.48	45.00	47.98	53.04	69.42	79.79	68.09	64.53	64.70	62.21	62.30	62.40	62.75	66.88	87.77	115.30	101.30	90.96	73.75	66.89	57.81	53.50
	3.50	3.35	3.01	2.94	3.35	3.93	4.42	4.73	4.45	4.56	4.68	4.58	4.70	4.84	5.00	5.57	6.80	8.44	7.33	6.35	4.57	4.90	4.03	3.78
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.01	-0.34	-1.67	-1.23	-0.89	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01

ASTORIA_GT4_4 24105	49.50 3.50 -0.01	48.60 3.35 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.42 4.42 -0.01	79.79 4.73 0.00	68.09 4.45 0.00	64.53 4.56 -0.02	64.70 4.68 -0.01	62.21 4.58 -0.34	62.30 4.70 -1.67	62.40 4.84 -1.23	62.75 5.00 -0.89	66.88 5.57 -0.08	87.77 6.80 0.00	115.30 8.44 0.00	101.30 7.33 0.00	90.96 6.35 0.00	73.75 4.57 0.00	66.89 4.90 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
ASTORIA_GT_1 23523	49.55 3.54 -0.01	48.69 3.44 -0.01	45.52 3.06 -0.01	45.08 3.03 -0.01	48.03 3.39 -0.01	53.08 3.98 -0.01	69.55 4.55 -0.01	79.94 4.88 0.00	68.22 4.58 0.00	64.65 4.68 -0.02	64.82 4.80 -0.01	62.33 4.70 -0.34	62.41 4.81 -1.67	62.51 4.96 -1.23	62.87 5.12 -0.89	67.00 5.69 -0.08	87.93 6.96 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.89 4.70 0.00	67.01 5.02 -0.02	57.92 4.14 -0.01	53.60 3.88 -0.01
ASTORIA_GT_10 24110	49.41 3.40 -0.01	48.51 3.26 -0.01	45.35 2.89 -0.01	44.87 2.82 -0.01	47.85 3.21 -0.01	52.89 3.78 -0.01	69.48 4.48 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.65 4.62 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.60 4.79 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	87.93 6.96 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.89 4.70 0.00	67.01 5.02 -0.02	57.75 3.98 -0.01	53.40 3.68 -0.01
ASTORIA_GT_11 24225	49.41 3.40 -0.01	48.51 3.26 -0.01	45.35 2.89 -0.01	44.87 2.82 -0.01	47.85 3.21 -0.01	52.89 3.78 -0.01	69.48 4.48 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.65 4.62 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.60 4.79 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	87.93 6.96 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.89 4.70 0.00	67.01 5.02 -0.02	57.75 3.98 -0.01	53.40 3.68 -0.01
ASTORIA_GT_12 24226	49.41 3.40 -0.01	48.51 3.26 -0.01	45.35 2.89 -0.01	44.87 2.82 -0.01	47.85 3.21 -0.01	52.89 3.78 -0.01	69.48 4.48 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.65 4.62 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.60 4.79 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	87.93 6.96 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.89 4.70 0.00	67.01 5.02 -0.02	57.75 3.98 -0.01	53.40 3.68 -0.01
ASTORIA_GT_13 24227	49.41 3.40 -0.01	48.51 3.26 -0.01	45.35 2.89 -0.01	44.87 2.82 -0.01	47.85 3.21 -0.01	52.89 3.78 -0.01	69.48 4.48 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.65 4.62 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.60 4.79 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	87.93 6.96 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.89 4.70 0.00	67.01 5.02 -0.02	57.75 3.98 -0.01	53.40 3.68 -0.01
ASTORIA_GT_5 24106	49.55 3.54 -0.01	48.69 3.44 -0.01	45.52 3.06 -0.01	45.08 3.03 -0.01	48.03 3.39 -0.01	53.08 3.98 -0.01	69.55 4.55 -0.01	79.94 4.88 0.00	68.22 4.58 0.00	64.65 4.68 -0.02	64.82 4.80 -0.01	62.33 4.70 -0.34	62.41 4.81 -1.67	62.51 4.96 -1.23	62.87 5.12 -0.89	67.00 5.69 -0.08	87.93 6.96 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.89 4.70 0.00	67.01 5.02 -0.02	57.92 4.14 -0.01	53.60 3.88 -0.01
ASTORIA_GT_7 24107	49.55 3.54 -0.01	48.69 3.44 -0.01	45.52 3.06 -0.01	45.08 3.03 -0.01	48.03 3.39 -0.01	53.08 3.98 -0.01	69.55 4.55 -0.01	79.94 4.88 0.00	68.22 4.58 0.00	64.65 4.68 -0.02	64.82 4.80 -0.01	62.33 4.70 -0.34	62.41 4.81 -1.67	62.51 4.96 -1.23	62.87 5.12 -0.89	67.00 5.69 -0.08	87.93 6.96 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.89 4.70 0.00	67.01 5.02 -0.02	57.92 4.14 -0.01	53.60 3.88 -0.01
ASTORIA_GT_8 24108	49.55 3.54 -0.01	48.69 3.44 -0.01	45.52 3.06 -0.01	45.08 3.03 -0.01	48.03 3.39 -0.01	53.08 3.98 -0.01	69.55 4.55 -0.01	79.94 4.88 0.00	68.22 4.58 0.00	64.65 4.68 -0.02	64.82 4.80 -0.01	62.33 4.70 -0.34	62.41 4.81 -1.67	62.51 4.96 -1.23	62.87 5.12 -0.89	67.00 5.69 -0.08	87.93 6.96 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.89 4.70 0.00	67.01 5.02 -0.02	57.92 4.14 -0.01	53.60 3.88 -0.01
ASTORIA___2 24149	49.50 3.49 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.08 3.98 -0.01	69.54 4.55 -0.01	79.93 4.88 0.01	68.21 4.58 0.01	64.70 4.74 -0.01	64.83 4.80 -0.01	62.27 4.64 -0.34	62.30 4.70 -1.67	62.40 4.85 -1.23	62.75 5.00 -0.89	66.88 5.57 -0.08	87.60 6.64 0.01	115.20 8.34 0.01	101.29 7.33 0.01	90.87 6.26 0.01	73.74 4.57 0.01	67.00 5.02 -0.01	57.92 4.14 -0.01	53.40 3.68 -0.01
ASTORIA___3 23516	49.41 3.40 -0.01	48.60 3.35 -0.01	45.35 2.89 -0.01	44.92 2.86 -0.01	47.85 3.22 -0.01	52.94 3.83 -0.01	69.68 4.68 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.65 4.68 -0.02	64.77 4.74 -0.02	62.28 4.59 -0.40	62.60 4.64 -2.03	62.60 4.79 -1.49	62.70 4.94 -0.90	66.83 5.51 -0.09	87.77 6.80 0.00	115.51 8.65 0.00	101.49 7.52 0.00	91.04 6.43 0.00	73.89 4.71 0.00	67.13 5.14 -0.02	57.81 4.03 -0.01	53.30 3.58 -0.01
ASTORIA___4 23517	49.41 3.40 -0.01	48.51 3.26 -0.01	45.35 2.89 -0.01	44.87 2.82 -0.01	47.85 3.21 -0.01	52.89 3.78 -0.01	69.48 4.48 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.65 4.62 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.60 4.79 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	87.93 6.96 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.89 4.70 0.00	67.01 5.02 -0.02	57.75 3.98 -0.01	53.40 3.68 -0.01
ASTORIA___5 23518	49.41 3.40 -0.01	48.60 3.35 -0.01	45.35 2.89 -0.01	44.92 2.86 -0.01	47.85 3.22 -0.01	52.94 3.83 -0.01	69.68 4.68 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.65 4.68 -0.02	64.77 4.74 -0.02	62.28 4.59 -0.40	62.60 4.64 -2.03	62.60 4.79 -1.49	62.70 4.94 -0.90	66.83 5.51 -0.09	87.77 6.80 0.00	115.51 8.65 0.00	101.49 7.52 0.00	91.04 6.43 0.00	73.89 4.71 0.00	67.13 5.14 -0.02	57.81 4.03 -0.01	53.30 3.58 -0.01
AST_ENERGY_2_CC3 323677	49.50 3.49 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.08 3.98 -0.01	69.54 4.55 -0.01	79.93 4.88 0.01	68.21 4.58 0.01	64.70 4.74 -0.01	64.83 4.80 -0.01	62.27 4.64 -0.34	62.30 4.70 -1.67	62.40 4.85 -1.23	62.75 5.00 -0.89	66.88 5.57 -0.08	87.60 6.64 0.01	115.20 8.34 0.01	101.29 7.33 0.01	90.87 6.26 0.01	73.74 4.57 0.01	67.00 5.02 -0.01	57.92 4.14 -0.01	53.40 3.68 -0.01
AST_ENERGY_2_CC4 323678	49.50 3.49 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.08 3.98 -0.01	69.54 4.55 -0.01	79.93 4.88 0.01	68.21 4.58 0.01	64.70 4.74 -0.01	64.83 4.80 -0.01	62.27 4.64 -0.34	62.30 4.70 -1.67	62.40 4.85 -1.23	62.75 5.00 -0.89	66.88 5.57 -0.08	87.60 6.64 0.01	115.20 8.34 0.01	101.29 7.33 0.01	90.87 6.26 0.01	73.74 4.57 0.01	67.00 5.02 -0.01	57.92 4.14 -0.01	53.40 3.68 -0.01

ATHENS_STG_1 23668	47.38 1.38 0.00	46.65 1.40 0.00	43.73 1.27 0.00	43.31 1.26 0.00	46.06 1.43 0.00	50.77 1.67 0.00	67.26 2.27 0.00	77.69 2.63 0.00	65.86 2.23 0.00	62.17 2.22 0.00	62.23 2.22 0.00	59.47 2.18 0.00	58.17 2.24 0.00	58.64 2.31 0.00	59.30 2.44 0.00	63.86 2.63 0.00	84.45 3.48 0.00	110.92 4.06 0.00	97.54 3.57 0.00	87.66 3.04 0.00	71.67 2.49 0.00	64.39 2.41 0.00	55.60 1.83 0.00	51.26 1.54 0.00
ATHENS_STG_2 23670	47.38 1.38 0.00	46.65 1.40 0.00	43.73 1.27 0.00	43.31 1.26 0.00	46.06 1.43 0.00	50.77 1.67 0.00	67.26 2.27 0.00	77.69 2.63 0.00	65.86 2.23 0.00	62.17 2.22 0.00	62.23 2.22 0.00	59.47 2.18 0.00	58.17 2.24 0.00	58.64 2.31 0.00	59.30 2.44 0.00	63.86 2.63 0.00	84.45 3.48 0.00	110.92 4.06 0.00	97.54 3.57 0.00	87.66 3.04 0.00	71.67 2.49 0.00	64.39 2.41 0.00	55.60 1.83 0.00	51.26 1.54 0.00
ATHENS_STG_3 23677	47.38 1.38 0.00	46.65 1.40 0.00	43.73 1.27 0.00	43.31 1.26 0.00	46.06 1.43 0.00	50.77 1.67 0.00	67.26 2.27 0.00	77.69 2.63 0.00	65.86 2.23 0.00	62.17 2.22 0.00	62.23 2.22 0.00	59.47 2.18 0.00	58.17 2.24 0.00	58.64 2.31 0.00	59.30 2.44 0.00	63.86 2.63 0.00	84.45 3.48 0.00	110.92 4.06 0.00	97.54 3.57 0.00	87.66 3.04 0.00	71.67 2.49 0.00	64.39 2.41 0.00	55.60 1.83 0.00	51.26 1.54 0.00
AUBURN___LFGE 323710	45.72 -0.28 0.00	44.88 -0.36 0.00	42.07 -0.38 0.00	41.71 -0.34 0.00	44.14 -0.49 0.00	48.56 -0.54 0.00	64.47 -0.52 0.00	74.54 -0.53 -0.01	63.32 -0.32 0.00	59.60 -0.36 0.00	59.59 -0.42 0.00	56.84 -0.46 0.00	55.49 -0.45 -0.01	55.88 -0.45 -0.01	56.35 -0.51 -0.01	60.62 -0.61 -0.01	80.32 -0.65 -0.01	106.44 -0.43 -0.01	93.60 -0.38 -0.01	84.36 -0.25 0.00	68.85 -0.35 -0.01	61.36 -0.62 -0.01	53.34 -0.43 0.00	49.22 -0.50 0.00
BABYLON_RES_REC 323704	49.68 3.68 0.00	48.59 3.35 0.00	45.25 2.80 0.00	44.95 2.90 0.00	47.84 3.22 0.00	53.42 4.32 0.00	68.36 3.38 0.01	78.66 3.60 0.01	67.07 3.43 0.00	63.79 3.84 0.00	63.55 3.54 0.00	62.68 5.38 0.00	61.48 5.48 -0.07	62.10 5.69 -0.08	62.76 5.86 -0.04	67.16 5.94 0.00	88.82 7.85 0.00	116.84 9.94 -0.03	102.99 9.02 0.00	92.06 7.45 0.00	74.44 5.26 0.00	67.71 5.64 -0.09	57.75 3.98 0.00	53.45 3.73 0.00
BALL_HILL_WT_PWR 323825	44.30 -1.70 0.00	43.35 -1.90 0.00	40.46 -1.99 0.00	40.07 -1.98 0.00	41.68 -2.95 0.00	45.27 -3.83 0.00	58.81 -6.18 0.00	66.94 -8.11 0.02	57.46 -6.17 0.00	54.80 -5.16 0.00	54.91 -5.10 0.00	52.07 -5.21 0.01	50.55 -5.37 0.02	50.51 -5.80 0.02	51.10 -5.74 0.02	55.03 -6.18 0.02	72.85 -8.10 0.02	96.06 -10.79 0.02	84.17 -9.77 0.02	75.89 -8.71 0.01	61.77 -7.40 0.02	55.08 -6.88 0.02	48.66 -5.11 0.00	45.69 -4.03 0.00
BARON_WINDS___WT_PWR 323822	44.48 -1.52 0.00	43.57 -1.67 0.00	40.71 -1.74 0.00	40.37 -1.68 0.00	42.00 -2.63 0.00	45.76 -3.34 0.00	59.92 -5.07 0.00	68.42 -6.61 0.03	58.35 -5.28 0.00	55.28 -4.68 0.00	55.21 -4.80 0.00	52.29 -4.98 0.02	50.87 -5.03 0.03	50.94 -5.35 0.03	51.54 -5.29 0.03	55.68 -5.51 0.03	73.89 -7.04 0.03	97.42 -9.40 0.03	85.48 -8.46 0.03	77.41 -7.19 0.02	62.93 -6.23 0.03	56.24 -5.70 0.03	49.36 -4.41 0.00	46.04 -3.68 0.00
BARRETT_IC_1 23704	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT_IC_10 23701	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT_IC_11 23702	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT_IC_12 23703	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT_IC_2 23705	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT_IC_3 23706	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT_IC_4 23707	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT_IC_5 23708	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00

BARRETT_IC_6 23709	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT_IC_7 23710	49.36 3.36 0.00	48.28 3.03 0.00	45.09 2.63 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.93 3.83 0.00	67.65 2.66 0.01	78.28 3.23 0.01	66.69 3.05 0.00	63.13 3.18 0.00	63.25 3.24 0.00	62.46 5.16 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.24 5.34 -0.03	67.04 5.82 0.01	88.09 7.13 0.00	115.30 8.44 0.00	101.77 7.80 0.00	91.47 6.85 0.00	73.82 4.64 0.00	66.75 4.77 0.00	57.15 3.39 0.00	53.29 3.58 0.00
BARRETT_IC_8 23711	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT_IC_9 23700	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT___1 23545	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BARRETT___2 23546	49.36 3.36 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.03 3.93 0.00	68.04 3.06 0.01	78.44 3.38 0.01	66.81 3.18 0.00	63.49 3.54 0.00	63.37 3.36 0.00	62.51 5.21 -0.01	61.26 5.26 -0.07	61.63 5.24 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.84 6.88 0.00	115.30 8.44 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.82 4.64 0.00	66.87 4.89 0.00	57.26 3.49 0.00	53.00 3.28 0.00
BATAVIA__115KV_TB1 55881	44.80 -1.20 0.00	43.80 -1.45 0.00	40.84 -1.61 0.00	40.96 -1.09 0.00	42.53 -2.10 0.00	46.20 -2.90 0.00	60.05 -4.94 0.00	68.67 -6.38 0.01	58.92 -4.71 0.00	56.18 -3.78 0.00	56.29 -3.72 0.00	53.56 -3.72 0.01	51.73 -4.20 0.01	52.04 -4.28 0.01	52.35 -4.49 0.01	55.46 -5.76 0.01	73.67 -7.29 0.01	98.30 -8.55 0.01	85.78 -8.18 0.01	77.67 -6.94 0.01	63.43 -5.74 0.01	56.39 -5.58 0.01	49.95 -3.82 0.00	46.38 -3.33 0.00
BAYONEEC___CTG1 323682	49.13 3.13 0.00	48.28 3.03 0.00	45.00 2.55 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.64 3.54 0.00	69.61 4.61 -0.01	80.47 5.41 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.30 4.70 -1.66	62.39 4.85 -1.22	62.60 5.00 -0.74	66.62 5.32 -0.07	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.95 3.23 0.00
BAYONEEC___CTG10 323750	49.13 3.13 0.00	48.28 3.03 0.00	45.00 2.55 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.64 3.54 0.00	69.61 4.61 -0.01	80.47 5.41 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.30 4.70 -1.66	62.39 4.85 -1.22	62.60 5.00 -0.74	66.62 5.32 -0.07	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.95 3.23 0.00
BAYONEEC___CTG2 323683	49.13 3.13 0.00	48.28 3.03 0.00	45.00 2.55 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.64 3.54 0.00	69.61 4.61 -0.01	80.47 5.41 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.30 4.70 -1.66	62.39 4.85 -1.22	62.60 5.00 -0.74	66.62 5.32 -0.07	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.95 3.23 0.00
BAYONEEC___CTG3 323684	49.13 3.13 0.00	48.28 3.03 0.00	45.00 2.55 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.64 3.54 0.00	69.61 4.61 -0.01	80.47 5.41 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.30 4.70 -1.66	62.39 4.85 -1.22	62.60 5.00 -0.74	66.62 5.32 -0.07	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.95 3.23 0.00
BAYONEEC___CTG4 323685	49.13 3.13 0.00	48.28 3.03 0.00	45.00 2.55 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.64 3.54 0.00	69.61 4.61 -0.01	80.47 5.41 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.30 4.70 -1.66	62.39 4.85 -1.22	62.60 5.00 -0.74	66.62 5.32 -0.07	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.95 3.23 0.00
BAYONEEC___CTG5 323686	49.13 3.13 0.00	48.28 3.03 0.00	45.00 2.55 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.64 3.54 0.00	69.61 4.61 -0.01	80.47 5.41 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.30 4.70 -1.66	62.39 4.85 -1.22	62.60 5.00 -0.74	66.62 5.32 -0.07	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.95 3.23 0.00
BAYONEEC___CTG6 323687	49.13 3.13 0.00	48.28 3.03 0.00	45.00 2.55 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.64 3.54 0.00	69.61 4.61 -0.01	80.47 5.41 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.30 4.70 -1.66	62.39 4.85 -1.22	62.60 5.00 -0.74	66.62 5.32 -0.07	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.95 3.23 0.00
BAYONEEC___CTG7 323688	49.13 3.13 0.00	48.28 3.03 0.00	45.00 2.55 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.64 3.54 0.00	69.61 4.61 -0.01	80.47 5.41 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.30 4.70 -1.66	62.39 4.85 -1.22	62.60 5.00 -0.74	66.62 5.32 -0.07	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.95 3.23 0.00

BAYONEEC___CTG8 323689	49.13 3.13 0.00	48.28 3.03 0.00	45.00 2.55 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.64 3.54 0.00	69.61 4.61 -0.01	80.47 5.41 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.30 4.70 -1.66	62.39 4.85 -1.22	62.60 5.00 -0.74	66.62 5.32 -0.07	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.95 3.23 0.00
BAYONEEC___CTG9 323749	49.13 3.13 0.00	48.28 3.03 0.00	45.00 2.55 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.64 3.54 0.00	69.61 4.61 -0.01	80.47 5.41 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.30 4.70 -1.66	62.39 4.85 -1.22	62.60 5.00 -0.74	66.62 5.32 -0.07	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.95 3.23 0.00
BEACON___LESR 323632	47.15 1.15 0.00	46.51 1.27 0.00	43.69 1.23 0.00	43.27 1.22 0.00	45.92 1.30 0.00	50.67 1.57 0.00	67.26 2.27 0.00	77.62 2.55 0.00	65.61 1.97 0.00	61.75 1.80 0.00	61.99 1.98 0.00	59.30 2.00 0.00	57.94 2.01 0.00	58.35 2.02 0.00	59.07 2.22 0.00	63.61 2.39 0.00	84.52 3.56 0.00	110.50 3.64 0.00	97.44 3.48 0.00	87.40 2.79 0.00	71.54 2.35 0.00	64.08 2.11 0.00	55.54 1.77 0.00	51.31 1.59 0.00
BEAVER RIVER___HYD 24048	46.46 0.46 0.00	45.74 0.50 0.00	42.96 0.51 0.00	42.43 0.38 0.00	45.12 0.49 0.00	49.74 0.64 0.00	66.09 1.10 0.00	76.42 1.35 0.00	63.82 0.19 0.00	59.66 -0.30 0.00	59.71 -0.30 0.00	56.72 -0.57 0.00	55.37 -0.56 0.00	55.77 -0.56 0.00	56.18 -0.68 0.00	60.49 -0.73 0.00	80.32 -0.65 0.00	107.18 0.32 0.00	94.34 0.38 0.00	85.21 0.60 0.00	69.74 0.55 0.00	62.41 0.44 0.00	53.93 0.16 0.00	49.82 0.10 0.00
BEEBEE_GT_13 23619	44.85 -1.15 0.00	43.89 -1.36 0.00	41.09 -1.36 0.00	40.91 -1.14 0.00	42.98 -1.65 0.00	46.94 -2.16 0.00	61.35 -3.64 0.00	70.48 -4.58 0.01	60.45 -3.18 0.00	57.44 -2.52 0.00	57.61 -2.40 0.00	55.00 -2.29 0.00	53.24 -2.68 0.01	53.50 -2.82 0.01	53.89 -2.96 0.01	57.05 -4.16 0.01	75.61 -5.34 0.01	100.98 -5.88 0.01	88.13 -5.83 0.01	79.87 -4.74 0.00	65.17 -4.01 0.01	57.94 -4.03 0.01	51.03 -2.74 0.00	47.28 -2.44 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.87 3.86 -0.01	48.87 3.62 -0.01	45.60 3.14 -0.01	45.13 3.07 -0.01	48.12 3.48 -0.01	53.18 4.08 -0.01	69.81 4.81 -0.01	80.39 5.33 0.00	68.47 4.84 0.00	64.77 4.80 -0.02	64.83 4.80 -0.02	62.10 4.41 -0.39	62.51 4.59 -1.99	62.46 4.68 -1.46	62.63 4.89 -0.88	66.76 5.45 -0.09	88.50 7.53 0.00	116.27 9.40 0.00	102.14 8.18 0.00	91.72 7.11 0.00	74.31 5.12 0.00	67.51 5.52 -0.02	58.02 4.25 -0.01	53.70 3.98 -0.01
BETHLEHEM___GRP 23843	46.60 0.60 0.00	45.83 0.59 0.00	43.17 0.72 0.00	42.72 0.67 0.00	45.34 0.71 0.00	49.89 0.79 0.00	66.16 1.17 0.00	76.41 1.35 0.00	64.65 1.02 0.00	60.85 0.90 0.00	61.09 1.08 0.00	58.50 1.20 0.00	57.22 1.29 0.00	57.68 1.35 0.00	58.34 1.48 0.00	62.82 1.59 0.00	83.15 2.19 0.00	108.89 2.03 0.00	95.94 1.97 0.00	86.14 1.52 0.00	70.50 1.31 0.00	63.09 1.12 0.00	54.79 1.02 0.00	50.76 1.04 0.00
BETHLEHEM___GS1 323560	46.60 0.60 0.00	45.92 0.68 0.00	43.13 0.68 0.00	42.72 0.67 0.00	45.34 0.71 0.00	49.93 0.83 0.00	66.22 1.23 0.00	76.49 1.42 0.00	64.71 1.08 0.00	60.97 1.02 0.00	61.21 1.20 0.00	58.55 1.26 0.00	57.22 1.29 0.00	57.68 1.35 0.00	58.33 1.48 0.00	62.82 1.59 0.00	83.32 2.35 0.00	108.79 1.93 0.00	95.84 1.88 0.00	86.05 1.44 0.00	70.50 1.31 0.00	63.21 1.24 0.00	54.84 1.07 0.00	50.66 0.94 0.00
BETHLEHEM___GS2 323561	46.60 0.60 0.00	45.92 0.68 0.00	43.13 0.68 0.00	42.72 0.67 0.00	45.34 0.71 0.00	49.93 0.83 0.00	66.22 1.23 0.00	76.49 1.42 0.00	64.71 1.08 0.00	60.97 1.02 0.00	61.21 1.20 0.00	58.55 1.26 0.00	57.22 1.29 0.00	57.68 1.35 0.00	58.33 1.48 0.00	62.82 1.59 0.00	83.32 2.35 0.00	108.79 1.93 0.00	95.84 1.88 0.00	86.05 1.44 0.00	70.50 1.31 0.00	63.21 1.24 0.00	54.84 1.07 0.00	50.66 0.94 0.00
BETHLEHEM___GS3 323562	46.60 0.60 0.00	45.92 0.68 0.00	43.13 0.68 0.00	42.72 0.67 0.00	45.34 0.71 0.00	49.93 0.83 0.00	66.22 1.23 0.00	76.49 1.42 0.00	64.71 1.08 0.00	60.97 1.02 0.00	61.21 1.20 0.00	58.55 1.26 0.00	57.22 1.29 0.00	57.68 1.35 0.00	58.33 1.48 0.00	62.82 1.59 0.00	83.32 2.35 0.00	108.79 1.93 0.00	95.84 1.88 0.00	86.05 1.44 0.00	70.50 1.31 0.00	63.21 1.24 0.00	54.84 1.07 0.00	50.66 0.94 0.00
BETHLEHEM___STEEL 23779	43.98 -2.02 0.00	43.03 -2.22 0.00	40.16 -2.29 0.00	40.16 -1.89 0.00	41.73 -2.90 0.00	45.27 -3.83 0.00	58.62 -6.37 0.00	66.94 -8.11 0.02	57.27 -6.36 0.00	54.80 -5.16 0.00	54.91 -5.10 0.00	52.07 -5.21 0.01	50.60 -5.31 0.02	51.02 -5.29 0.02	51.50 -5.34 0.02	55.09 -6.12 0.02	73.01 -7.93 0.02	95.73 -11.11 0.02	83.89 -10.05 0.02	75.30 -9.31 0.01	61.63 -7.54 0.02	55.08 -6.88 0.02	48.71 -5.05 0.00	45.34 -4.37 0.00
BETHLHEM_115KV_TB1 79974	46.69 0.69 0.00	45.88 0.63 0.00	43.22 0.76 0.00	42.81 0.76 0.00	45.39 0.76 0.00	49.98 0.88 0.00	66.29 1.30 0.00	76.56 1.50 0.00	64.78 1.15 0.00	60.97 1.02 0.00	61.15 1.14 0.00	58.55 1.26 0.00	57.28 1.34 0.00	57.74 1.41 0.00	58.39 1.54 0.00	62.94 1.71 0.00	83.31 2.35 0.00	109.00 2.14 0.00	96.03 2.07 0.00	86.22 1.61 0.00	70.57 1.38 0.00	63.15 1.18 0.00	54.84 1.08 0.00	50.76 1.04 0.00
BETHPAGE_CC_5 323564	49.54 3.54 0.00	48.50 3.26 0.00	45.17 2.72 0.00	44.87 2.82 0.00	47.75 3.12 0.00	53.27 4.17 0.00	68.36 3.38 0.01	78.81 3.75 0.01	67.13 3.50 0.00	63.85 3.89 0.00	63.73 3.72 0.00	62.79 5.50 0.00	61.54 5.54 -0.07	62.17 5.75 -0.09	62.71 5.80 -0.05	67.10 5.88 0.00	88.74 7.77 0.00	116.69 9.83 0.00	102.80 8.83 0.00	91.97 7.36 0.00	74.44 5.26 0.00	67.49 5.51 0.00	57.69 3.92 0.00	53.34 3.63 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	44.02 -1.98 0.00	43.07 -2.17 0.00	40.20 -2.25 0.00	40.16 -1.89 0.00	41.77 -2.86 0.00	45.32 -3.78 0.00	58.75 -6.24 0.00	67.09 -7.96 0.02	57.40 -6.24 0.00	54.86 -5.10 0.00	55.03 -4.98 0.00	52.13 -5.16 0.01	50.72 -5.20 0.02	51.19 -5.13 0.02	51.67 -5.17 0.02	55.52 -5.69 0.02	73.58 -7.37 0.02	96.05 -10.79 0.02	84.27 -9.68 0.02	75.47 -9.14 0.01	61.77 -7.40 0.02	55.33 -6.63 0.02	48.82 -4.95 0.00	45.39 -4.33 0.00
BINGHAMTON___COGEN 23790	46.14 0.14 0.00	45.34 0.09 0.00	42.50 0.04 0.00	42.18 0.13 0.00	44.58 -0.04 0.00	49.00 -0.10 0.00	64.79 -0.19 0.00	74.83 -0.23 0.00	63.51 -0.13 0.00	59.95 0.00 0.00	60.01 0.00 0.00	57.18 -0.11 0.00	55.87 -0.06 0.00	56.27 -0.06 0.00	56.86 0.00 0.00	61.28 0.06 0.00	81.13 0.16 0.00	106.86 0.00 0.00	93.87 -0.09 0.00	84.44 -0.17 0.00	69.05 -0.14 0.00	61.72 -0.25 0.00	53.55 -0.22 0.00	49.52 -0.20 0.00

BIXINCNT_115KV_LOAD 355685	43.88 -2.12 0.00	42.89 -2.35 0.00	39.95 -2.50 0.00	39.69 -2.35 0.00	41.24 -3.39 0.00	44.78 -4.32 0.00	58.23 -6.76 0.00	66.41 -8.63 0.02	56.51 -7.13 0.00	53.78 -6.18 0.00	53.89 -6.12 0.00	50.69 -6.59 0.01	49.43 -6.49 0.02	49.83 -6.48 0.02	50.36 -6.48 0.02	54.84 -6.37 0.02	73.34 -7.61 0.02	95.52 -11.33 0.02	84.36 -9.58 0.02	74.88 -9.73 0.01	61.21 -7.96 0.02	54.89 -7.07 0.02	48.23 -5.54 0.00	44.64 -5.07 0.00
BLACK RIVER___HYD 24047	46.37 0.37 0.00	45.70 0.45 0.00	42.92 0.47 0.00	42.35 0.30 0.00	45.03 0.40 0.00	49.69 0.59 0.00	66.22 1.23 0.00	76.56 1.50 0.00	64.14 0.51 0.00	59.84 -0.12 0.00	59.77 -0.24 0.00	56.72 -0.57 0.00	55.43 -0.50 0.00	55.82 -0.51 0.00	56.23 -0.62 0.00	60.67 -0.55 0.00	80.72 -0.24 0.00	108.15 1.29 0.00	95.28 1.31 0.00	86.14 1.52 0.00	70.43 1.25 0.00	62.78 0.80 0.00	54.09 0.32 0.00	49.97 0.25 0.00
BLACKRVR_115KV_TB2 79977	46.32 0.32 0.00	45.65 0.41 0.00	42.92 0.47 0.00	42.30 0.25 0.00	45.03 0.40 0.00	49.74 0.64 0.00	66.22 1.23 0.00	76.56 1.50 0.00	64.14 0.51 0.00	59.83 -0.12 0.00	59.77 -0.24 0.00	56.72 -0.57 0.00	55.43 -0.50 0.00	55.82 -0.51 0.00	56.23 -0.63 0.00	60.61 -0.61 0.00	80.72 -0.24 0.00	108.14 1.28 0.00	95.19 1.22 0.00	86.05 1.44 0.00	70.16 0.97 0.00	62.78 0.81 0.00	54.14 0.38 0.00	49.91 0.20 0.00
BLDWN_LI_69_KV_BK4 356085	49.63 3.63 0.00	48.50 3.26 0.00	45.30 2.84 0.00	44.87 2.82 0.00	47.84 3.21 0.00	53.22 4.12 0.00	68.17 3.18 0.01	78.88 3.83 0.01	67.20 3.56 0.00	63.61 3.66 0.00	63.73 3.72 0.00	62.85 5.56 0.00	61.65 5.65 -0.07	62.24 5.80 -0.11	62.83 5.91 -0.06	67.71 6.49 0.01	88.98 8.02 0.00	116.80 9.94 0.00	103.08 9.11 0.00	92.48 7.87 0.00	74.58 5.40 0.00	67.43 5.45 0.00	57.69 3.93 0.00	53.69 3.98 0.00
BLISS_WT_PWR 323608	44.11 -1.89 0.00	43.16 -2.08 0.00	40.12 -2.33 0.00	39.48 -2.57 0.00	41.06 -3.57 0.00	44.58 -4.52 0.00	57.97 -7.02 0.00	65.81 -9.24 0.02	56.38 -7.26 0.00	53.42 -6.53 0.00	53.59 -6.42 0.00	50.35 -6.93 0.01	48.76 -7.16 0.02	48.76 -7.55 0.02	49.56 -7.28 0.02	53.92 -7.29 0.02	73.02 -7.93 0.02	94.77 -12.08 0.02	83.33 -10.62 0.02	74.96 -9.65 0.01	60.79 -8.37 0.02	54.83 -7.13 0.02	47.96 -5.81 0.00	44.74 -4.97 0.00
BLUESTONE___WT_PWR 323821	47.65 1.65 0.00	46.87 1.63 0.00	43.98 1.53 0.00	43.43 1.39 0.00	46.10 1.47 0.00	50.86 1.77 0.00	67.65 2.67 0.00	78.15 3.08 -0.01	66.18 2.55 0.00	62.17 2.22 0.00	62.11 2.10 0.00	58.84 1.55 0.00	57.45 1.51 -0.01	57.91 1.58 -0.01	58.46 1.59 -0.01	63.19 1.96 -0.01	84.05 3.08 -0.01	112.96 6.09 -0.01	99.04 5.07 -0.01	89.35 4.74 0.00	72.93 3.73 -0.01	64.59 2.60 -0.01	55.65 1.88 0.00	51.41 1.69 0.00
BLUE_CIRC_CHEM_DRP 24182	47.15 1.15 0.00	46.42 1.18 0.00	43.68 1.23 0.00	43.23 1.18 0.00	45.88 1.25 0.00	50.52 1.42 0.00	66.87 1.88 0.00	77.24 2.18 0.00	65.29 1.65 0.00	61.39 1.44 0.00	61.51 1.50 0.00	58.84 1.55 0.00	57.50 1.57 0.00	57.96 1.63 0.00	58.68 1.82 0.00	63.31 2.08 0.00	83.88 2.91 0.00	109.96 3.10 0.00	96.88 2.91 0.00	86.98 2.37 0.00	71.26 2.08 0.00	63.77 1.80 0.00	55.27 1.51 0.00	51.16 1.44 0.00
BOC_GAS_DRP 24189	46.83 0.83 0.00	46.06 0.81 0.00	43.30 0.85 0.00	42.89 0.84 0.00	45.57 0.94 0.00	50.13 1.03 0.00	66.42 1.43 0.00	76.71 1.65 0.00	64.97 1.34 0.00	61.21 1.26 0.00	61.33 1.32 0.00	58.67 1.38 0.00	57.39 1.45 0.00	57.85 1.52 0.00	58.45 1.59 0.00	63.00 1.78 0.00	83.40 2.43 0.00	109.32 2.46 0.00	96.22 2.26 0.00	86.48 1.86 0.00	70.71 1.52 0.00	63.40 1.43 0.00	54.90 1.13 0.00	50.81 1.09 0.00
BOONVILLE_115KV_TB1 79983	46.92 0.92 0.00	46.20 0.95 0.00	43.39 0.93 0.00	42.85 0.80 0.00	45.57 0.94 0.00	50.28 1.18 0.00	66.74 1.75 0.00	77.16 2.10 0.00	64.91 1.27 0.00	60.85 0.90 0.00	60.97 0.96 0.00	57.98 0.69 0.00	56.60 0.67 0.00	57.06 0.73 0.00	57.60 0.74 0.00	62.08 0.86 0.00	82.42 1.46 0.00	109.21 2.35 0.00	96.03 2.07 0.00	86.56 1.95 0.00	70.64 1.45 0.00	63.28 1.30 0.00	54.68 0.91 0.00	50.46 0.75 0.00
BORALEX_4TH_BRANCH 23824	47.56 1.56 0.00	46.78 1.54 0.00	44.15 1.70 0.00	43.73 1.68 0.00	46.50 1.87 0.00	51.21 2.11 0.00	68.24 3.25 0.00	78.74 3.68 0.00	66.56 2.93 0.00	62.59 2.64 0.00	62.71 2.70 0.00	60.21 2.92 0.00	58.84 2.91 0.00	59.31 2.99 0.00	59.99 3.13 0.00	64.72 3.49 0.00	85.74 4.78 0.00	111.67 4.81 0.00	98.66 4.70 0.00	88.51 3.89 0.00	72.44 3.25 0.00	64.64 2.66 0.00	56.19 2.42 0.00	51.95 2.24 0.00
BOWLINE___1 23526	48.44 2.44 0.00	47.69 2.44 0.00	44.49 2.04 0.00	44.11 2.06 0.00	46.95 2.32 0.00	51.95 2.85 0.00	68.76 3.77 0.00	79.49 4.43 0.00	67.39 3.75 0.00	63.73 3.78 0.00	63.73 3.72 0.00	60.96 3.67 0.00	59.68 3.75 0.00	60.16 3.83 0.00	60.78 3.92 0.00	65.51 4.28 0.00	86.47 5.51 0.00	114.02 7.16 0.00	100.17 6.20 0.00	90.04 5.42 0.00	73.27 4.08 0.00	66.07 4.09 0.00	56.78 3.01 0.00	52.25 2.53 0.00
BOWLINE___2 23595	48.44 2.44 0.00	47.64 2.40 0.00	44.49 2.04 0.00	44.11 2.06 0.00	46.95 2.32 0.00	51.95 2.85 0.00	68.76 3.77 0.00	79.49 4.43 0.00	67.32 3.69 0.00	63.67 3.72 0.00	63.73 3.72 0.00	60.90 3.61 0.00	59.68 3.75 0.00	60.10 3.77 0.00	60.78 3.92 0.00	65.51 4.28 0.00	86.47 5.51 0.00	113.91 7.05 0.00	100.17 6.20 0.00	90.04 5.42 0.00	73.27 4.08 0.00	66.00 4.03 0.00	56.78 3.01 0.00	52.25 2.53 0.00
BRADY___115KV_TB2 356060	46.97 0.97 0.00	46.24 1.00 0.00	43.39 0.93 0.00	42.93 0.88 0.00	45.70 1.07 0.00	50.28 1.18 0.00	66.74 1.75 0.00	77.01 1.95 0.00	64.84 1.21 0.00	60.73 0.78 0.00	60.61 0.60 0.00	57.75 0.46 0.00	56.21 0.28 0.00	56.39 0.06 0.00	56.80 -0.06 0.00	61.17 -0.06 0.00	80.72 -0.24 0.00	107.72 0.85 0.00	94.81 0.85 0.00	85.72 1.10 0.00	70.23 1.04 0.00	63.28 1.30 0.00	54.95 1.18 0.00	50.86 1.14 0.00
BRANSCOMB___SOLAR 323811	47.56 1.56 0.00	46.96 1.72 0.00	44.11 1.65 0.00	43.65 1.60 0.00	46.46 1.83 0.00	51.26 2.16 0.00	68.04 3.06 0.00	78.52 3.45 0.00	66.18 2.55 0.00	62.23 2.28 0.00	62.23 2.22 0.00	59.52 2.23 0.00	58.11 2.18 0.00	58.52 2.19 0.00	59.30 2.44 0.00	63.92 2.69 0.00	85.17 4.21 0.00	111.45 4.59 0.00	98.29 4.32 0.00	88.17 3.55 0.00	72.30 3.12 0.00	64.64 2.66 0.00	55.97 2.21 0.00	51.65 1.94 0.00
BRDGHMPT_69_KV_BK1 55812	49.82 3.82 0.00	48.64 3.39 0.00	45.42 2.97 0.00	44.95 2.90 0.00	47.98 3.35 0.00	53.57 4.47 0.00	67.13 2.14 0.01	77.61 2.55 0.01	66.50 2.86 0.00	62.95 3.00 0.00	62.95 2.94 0.00	61.99 4.70 0.00	60.98 4.98 -0.07	61.63 5.24 -0.06	62.52 5.63 -0.03	67.65 6.43 0.01	88.82 7.85 0.00	117.22 10.15 -0.20	103.46 9.49 0.00	92.40 7.78 0.00	74.24 5.05 0.00	68.09 5.58 -0.53	57.69 3.93 0.00	54.14 4.42 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	49.91 3.91 0.00	48.73 3.48 0.00	45.55 3.10 0.00	45.08 3.03 0.00	48.11 3.48 0.00	53.62 4.52 0.00	67.97 2.99 0.01	78.58 3.53 0.01	67.13 3.50 0.00	63.55 3.60 0.00	63.61 3.60 0.00	62.68 5.39 0.00	61.59 5.59 -0.07	62.25 5.86 -0.06	62.98 6.08 -0.04	67.96 6.73 0.01	89.31 8.34 0.00	117.30 10.26 -0.18	103.27 9.30 0.00	92.82 8.21 0.00	74.65 5.47 0.00	68.26 5.83 -0.46	57.85 4.09 0.00	54.09 4.37 0.00
BRISTLHL_115KV_TB1 79998	44.67 -1.33 0.00	43.89 -1.36 0.00	41.18 -1.27 0.00	40.83 -1.22 0.00	43.25 -1.38 0.00	47.53 -1.57 0.00	62.97 -2.01 0.00	72.81 -2.25 0.00	61.85 -1.78 0.00	58.28 -1.68 0.00	58.33 -1.68 0.00	55.69 -1.60 0.00	54.37 -1.57 0.00	54.75 -1.58 0.00	55.27 -1.59 0.00	59.39 -1.84 0.00	78.62 -2.35 0.00	103.87 -2.99 0.00	91.34 -2.63 0.00	82.25 -2.37 0.00	67.25 -1.94 0.00	60.05 -1.92 0.00	52.15 -1.61 0.00	48.17 -1.54 0.00
BROOKHAVEN___DRP 24191	49.59 3.59 0.00	48.37 3.12 0.00	45.17 2.72 0.00	44.74 2.69 0.00	47.71 3.08 0.00	53.22 4.12 0.00	67.06 2.08 0.01	77.53 2.48 0.01	66.37 2.74 0.00	62.95 3.00 0.00	62.77 2.76 0.00	61.88 4.58 0.00	60.87 4.87 -0.07	61.46 5.07 -0.06	62.29 5.40 -0.03	67.22 6.00 0.01	88.25 7.29 0.00	116.26 9.19 -0.21	102.61 8.64 0.00	91.81 7.19 0.00	73.89 4.70 0.00	67.85 5.33 -0.54	57.64 3.87 0.00	53.84 4.13 0.00
BROOKLYN_NAVY_YARD 23515	49.04 3.04 0.00	48.18 2.94 0.00	44.96 2.50 0.00	44.53 2.48 0.00	47.49 2.86 0.00	52.54 3.44 0.00	69.54 4.55 -0.01	80.39 5.33 0.00	68.28 4.64 0.00	64.65 4.68 -0.01	64.71 4.68 -0.02	62.37 4.75 -0.33	62.41 4.81 -1.66	62.51 4.96 -1.22	62.71 5.12 -0.74	66.69 5.39 -0.07	87.93 6.96 0.00	115.73 8.86 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	67.01 5.02 -0.01	57.48 3.71 -0.01	52.90 3.18 0.00
BROOKLYN___ARMY_DRP 323595	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.90 4.18 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.47 4.66 -0.95	66.52 5.20 -0.09	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
BROOME_2_LFGE 323671	46.23 0.23 0.00	45.43 0.18 0.00	42.58 0.13 0.00	42.18 0.13 0.00	44.63 0.00 0.00	49.05 -0.05 0.00	64.92 -0.06 0.00	74.84 -0.22 0.00	63.57 -0.06 0.00	60.01 0.06 0.00	60.07 0.06 0.00	57.23 -0.06 0.00	55.87 -0.06 0.00	56.21 -0.11 0.00	56.80 -0.06 0.00	61.22 0.00 0.00	81.13 0.16 0.00	106.75 -0.11 0.00	93.78 -0.19 0.00	84.61 0.00 0.00	69.05 -0.14 0.00	61.79 -0.19 0.00	53.61 -0.16 0.00	49.57 -0.15 0.00
BROOME___LFGE 323600	46.23 0.23 0.00	45.43 0.18 0.00	42.58 0.13 0.00	42.18 0.13 0.00	44.63 0.00 0.00	49.05 -0.05 0.00	64.92 -0.06 0.00	74.84 -0.22 0.00	63.57 -0.06 0.00	60.01 0.06 0.00	60.07 0.06 0.00	57.23 -0.06 0.00	55.87 -0.06 0.00	56.21 -0.11 0.00	56.80 -0.06 0.00	61.22 0.00 0.00	81.13 0.16 0.00	106.75 -0.11 0.00	93.78 -0.19 0.00	84.61 0.00 0.00	69.05 -0.14 0.00	61.79 -0.19 0.00	53.61 -0.16 0.00	49.57 -0.15 0.00
BROWNFLS_115KV_TB 3_5 80003	46.23 0.23 0.00	45.52 0.27 0.00	42.71 0.25 0.00	42.22 0.17 0.00	44.94 0.31 0.00	49.54 0.44 0.00	65.77 0.78 0.00	76.04 0.98 0.00	63.70 0.06 0.00	59.66 -0.30 0.00	59.65 -0.36 0.00	56.72 -0.57 0.00	55.32 -0.62 0.00	55.60 -0.73 0.00	55.95 -0.91 0.00	60.06 -1.16 0.00	79.43 -1.54 0.00	105.79 -1.07 0.00	93.03 -0.94 0.00	84.19 -0.42 0.00	68.98 -0.21 0.00	62.10 0.12 0.00	53.82 0.05 0.00	49.77 0.05 0.00
BROWNSV1_27_KV_LOAD 356125	49.45 3.45 0.00	48.55 3.30 0.00	45.30 2.84 0.00	44.87 2.82 0.00	47.84 3.21 0.00	52.88 3.78 0.00	69.93 4.94 -0.01	80.84 5.78 0.00	68.66 5.03 0.00	64.94 4.98 -0.01	65.01 4.98 -0.02	62.66 5.04 -0.33	62.74 5.15 -1.66	62.79 5.24 -1.22	63.05 5.46 -0.74	67.36 6.06 -0.07	88.66 7.69 0.00	116.59 9.72 0.00	102.52 8.55 0.00	92.06 7.45 0.00	74.72 5.53 0.00	67.38 5.39 -0.01	57.86 4.09 -0.01	53.39 3.68 0.00
BURROWS___LYONSDAL 23803	46.78 0.78 0.00	46.06 0.81 0.00	43.26 0.81 0.00	42.72 0.67 0.00	45.48 0.85 0.00	50.13 1.03 0.00	66.61 1.62 0.00	77.01 1.95 0.00	64.52 0.89 0.00	60.49 0.54 0.00	60.55 0.54 0.00	57.58 0.29 0.00	56.27 0.34 0.00	56.67 0.34 0.00	57.20 0.34 0.00	61.59 0.37 0.00	81.86 0.89 0.00	108.68 1.82 0.00	95.47 1.50 0.00	86.14 1.52 0.00	70.29 1.11 0.00	63.03 1.05 0.00	54.41 0.65 0.00	50.21 0.50 0.00
CAITHNESS_CC_1 323624	49.45 3.45 0.00	48.32 3.08 0.00	45.00 2.55 0.00	44.74 2.69 0.00	47.62 2.99 0.00	53.22 4.12 0.00	67.58 2.60 0.01	77.53 2.47 0.01	66.37 2.73 0.00	63.31 3.36 0.00	62.77 2.76 0.00	61.88 4.59 0.00	60.75 4.75 -0.07	61.40 5.01 -0.06	62.12 5.23 -0.03	66.49 5.27 0.00	87.77 6.80 0.00	115.84 8.76 -0.21	102.05 8.08 0.00	90.96 6.35 0.00	73.68 4.49 0.00	67.79 5.26 -0.55	57.58 3.82 0.00	53.30 3.58 0.00
CALPINE BETH_PAGE_GT4 24209	49.50 3.50 0.00	48.37 3.12 0.00	45.17 2.72 0.00	44.70 2.65 0.00	47.71 3.08 0.00	53.08 3.98 0.00	67.91 2.92 0.01	78.51 3.45 0.01	67.01 3.37 0.00	63.43 3.48 0.00	63.55 3.54 0.00	62.62 5.33 0.00	61.43 5.43 -0.07	62.06 5.63 -0.10	62.66 5.74 -0.06	67.53 6.31 0.01	88.74 7.77 0.00	116.59 9.72 0.00	102.89 8.93 0.00	92.23 7.62 0.00	74.38 5.19 0.00	67.24 5.27 0.00	57.48 3.71 0.00	53.59 3.88 0.00
CALPINE_BETH_PAGE_GT_4 323586	49.45 3.45 0.00	48.41 3.17 0.00	45.09 2.63 0.00	44.78 2.73 0.00	47.71 3.08 0.00	53.17 4.07 0.00	68.30 3.31 0.01	78.73 3.68 0.01	67.07 3.43 0.00	63.79 3.84 0.00	63.67 3.66 0.00	62.68 5.38 0.00	61.42 5.42 -0.07	62.06 5.63 -0.10	62.65 5.74 -0.06	66.98 5.75 0.00	88.57 7.61 0.00	116.59 9.72 0.00	102.71 8.74 0.00	91.80 7.19 0.00	74.31 5.12 0.00	67.36 5.39 0.00	57.58 3.82 0.00	53.25 3.53 0.00
CALPINE_BP_GT1 23823	49.45 3.45 0.00	48.41 3.17 0.00	45.09 2.63 0.00	44.78 2.73 0.00	47.71 3.08 0.00	53.17 4.07 0.00	68.30 3.31 0.01	78.73 3.68 0.01	67.07 3.43 0.00	63.79 3.84 0.00	63.67 3.66 0.00	62.68 5.38 0.00	61.42 5.42 -0.07	62.06 5.63 -0.10	62.65 5.74 -0.06	66.98 5.75 0.00	88.57 7.61 0.00	116.59 9.72 0.00	102.71 8.74 0.00	91.80 7.19 0.00	74.31 5.12 0.00	67.36 5.39 0.00	57.58 3.82 0.00	53.25 3.53 0.00
CALSPAN___DRP 24200	43.98 -2.02 0.00	43.03 -2.22 0.00	40.16 -2.29 0.00	40.16 -1.89 0.00	41.73 -2.90 0.00	45.27 -3.83 0.00	58.62 -6.37 0.00	66.94 -8.11 0.02	57.27 -6.36 0.00	54.80 -5.16 0.00	54.91 -5.10 0.00	52.07 -5.21 0.01	50.60 -5.31 0.02	51.02 -5.29 0.02	51.50 -5.34 0.02	55.09 -6.12 0.02	73.01 -7.93 0.02	95.73 -11.11 0.02	83.89 -10.05 0.02	75.30 -9.31 0.01	61.63 -7.54 0.02	55.08 -6.88 0.02	48.71 -5.05 0.00	45.34 -4.37 0.00

CALVERTON___SOLAR 323806	49.68 3.68 0.00	48.55 3.30 0.00	45.17 2.72 0.00	44.91 2.86 0.00	47.84 3.22 0.00	53.47 4.37 0.00	67.84 2.86 0.01	77.83 2.78 0.01	66.62 2.99 0.00	63.49 3.54 0.00	62.95 2.94 0.00	62.04 4.75 0.00	60.92 4.92 -0.07	61.63 5.24 -0.06	62.40 5.51 -0.03	66.85 5.63 0.00	88.33 7.37 0.00	116.69 9.62 -0.20	102.71 8.74 0.00	91.56 6.94 0.00	74.10 4.91 0.00	68.15 5.64 -0.54	57.85 4.08 0.00	53.60 3.88 0.00
CANDIGU_WT_PWR 323617	44.48 -1.52 0.00	43.57 -1.67 0.00	40.71 -1.74 0.00	40.37 -1.68 0.00	42.00 -2.63 0.00	45.76 -3.34 0.00	59.92 -5.07 0.00	68.42 -6.61 0.03	58.35 -5.28 0.00	55.28 -4.68 0.00	55.21 -4.80 0.00	52.29 -4.98 0.02	50.87 -5.03 0.03	50.94 -5.35 0.03	51.54 -5.29 0.03	55.68 -5.51 0.03	73.89 -7.04 0.03	97.42 -9.40 0.03	85.48 -8.46 0.03	77.41 -7.19 0.02	62.93 -6.23 0.03	56.24 -5.70 0.03	49.36 -4.41 0.00	46.04 -3.68 0.00
CARR STREET_E_SYR 24060	45.22 -0.78 0.00	44.43 -0.81 0.00	41.69 -0.76 0.00	41.29 -0.76 0.00	43.74 -0.89 0.00	48.12 -0.98 0.00	63.56 -1.43 0.00	73.48 -1.58 0.00	62.49 -1.14 0.00	58.88 -1.08 0.00	58.99 -1.02 0.00	56.26 -1.03 0.00	54.98 -0.95 0.00	55.32 -1.01 0.00	55.84 -1.02 0.00	60.06 -1.17 0.00	79.43 -1.54 0.00	104.94 -1.92 0.00	92.18 -1.79 0.00	83.09 -1.52 0.00	67.80 -1.38 0.00	60.55 -1.42 0.00	52.74 -1.02 0.00	48.77 -0.95 0.00
CARTHAGE___PAPER 23857	46.46 0.46 0.00	45.79 0.54 0.00	43.00 0.55 0.00	42.43 0.38 0.00	45.17 0.54 0.00	49.79 0.69 0.00	66.29 1.30 0.00	76.64 1.58 0.00	64.02 0.38 0.00	59.72 -0.24 0.00	59.71 -0.30 0.00	56.72 -0.57 0.00	55.37 -0.56 0.00	55.77 -0.56 0.00	56.18 -0.68 0.00	60.55 -0.67 0.00	80.56 -0.40 0.00	107.82 0.96 0.00	94.91 0.94 0.00	85.80 1.18 0.00	70.16 0.97 0.00	62.72 0.75 0.00	54.09 0.32 0.00	49.97 0.25 0.00
CASSADAGA_WT_PWR 323784	43.98 -2.02 0.00	42.98 -2.26 0.00	39.86 -2.59 0.00	39.40 -2.65 0.00	41.02 -3.61 0.00	44.68 -4.42 0.00	58.17 -6.82 0.00	66.04 -9.01 0.02	56.51 -7.13 0.00	53.78 -6.17 0.00	53.83 -6.18 0.00	50.87 -6.42 0.01	49.26 -6.66 0.02	49.27 -7.04 0.02	49.96 -6.88 0.02	54.05 -7.16 0.02	71.96 -8.99 0.02	96.69 -10.15 0.02	84.74 -9.21 0.02	74.62 -9.99 0.01	60.66 -8.51 0.02	54.21 -7.75 0.02	47.75 -6.02 0.00	44.70 -5.02 0.00
CE_DUNWOOD___DRP 24194	48.71 2.71 0.00	47.82 2.58 0.00	44.70 2.25 0.00	44.28 2.23 0.00	47.17 2.54 0.00	52.14 3.04 0.00	68.89 3.90 0.00	79.72 4.65 0.00	67.58 3.95 0.00	63.91 3.96 0.00	63.97 3.96 0.00	61.26 3.95 -0.01	60.07 4.08 -0.06	60.54 4.17 -0.04	61.26 4.38 -0.02	66.13 4.90 0.00	87.20 6.23 0.00	114.66 7.80 0.00	100.83 6.86 0.00	90.62 6.01 0.00	73.68 4.50 0.00	66.31 4.34 0.00	56.94 3.17 0.00	52.65 2.93 0.00
CE_MILLWOOD___DRP 24193	48.62 2.62 0.00	47.78 2.53 0.00	44.66 2.21 0.00	44.24 2.19 0.00	47.13 2.50 0.00	52.05 2.95 0.00	68.76 3.77 0.00	79.57 4.50 0.00	67.52 3.88 0.00	63.79 3.84 0.00	63.85 3.84 0.00	61.14 3.84 -0.01	59.95 3.97 -0.05	60.42 4.06 -0.03	61.14 4.26 -0.02	66.00 4.78 0.00	87.04 6.07 0.00	114.45 7.59 0.00	100.64 6.67 0.00	90.45 5.84 0.00	73.55 4.36 0.00	66.19 4.21 0.00	56.89 3.12 0.00	52.55 2.83 0.00
CE_NYC2_DRP 24202	49.41 3.40 -0.01	48.51 3.26 -0.01	45.31 2.84 -0.01	44.87 2.82 -0.01	47.85 3.21 -0.01	52.89 3.78 -0.01	69.55 4.55 -0.01	80.17 5.10 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.65 4.62 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.60 4.79 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	88.01 7.04 0.00	115.63 8.76 0.00	101.58 7.61 0.00	91.22 6.60 0.00	73.96 4.77 0.00	67.01 5.02 -0.02	57.70 3.93 -0.01	53.35 3.63 -0.01
CE_NYC_DRP 24195	49.17 3.17 0.00	48.28 3.03 0.00	45.09 2.63 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.63 3.54 0.00	69.54 4.55 -0.01	80.47 5.40 0.00	68.34 4.71 0.00	64.64 4.68 -0.01	64.71 4.68 -0.02	62.30 4.70 -0.31	62.36 4.87 -1.56	62.43 4.96 -1.15	62.72 5.17 -0.69	67.05 5.76 -0.07	88.25 7.29 0.00	116.05 9.19 0.00	101.95 7.99 0.00	91.55 6.94 0.00	74.31 5.12 0.00	67.01 5.02 -0.01	57.54 3.76 -0.01	53.15 3.43 0.00
CHAFFEE___LFGE 323603	44.48 -1.52 0.00	43.48 -1.77 0.00	40.67 -1.78 0.00	40.28 -1.76 0.00	41.91 -2.72 0.00	45.52 -3.58 0.00	59.14 -5.85 0.00	67.32 -7.73 0.02	57.84 -5.79 0.00	55.22 -4.74 0.00	55.33 -4.68 0.00	52.53 -4.75 0.01	50.99 -4.92 0.02	51.07 -5.24 0.02	51.61 -5.23 0.02	55.70 -5.51 0.02	73.82 -7.13 0.02	96.38 -10.47 0.02	84.46 -9.49 0.02	76.40 -8.21 0.01	62.11 -7.06 0.02	55.51 -6.45 0.02	48.98 -4.79 0.00	46.04 -3.68 0.00
CHATEAUG_35_KV_LOAD 355732	45.22 -0.78 0.00	44.48 -0.77 0.00	41.73 -0.72 0.00	41.33 -0.71 0.00	43.96 -0.67 0.00	48.27 -0.83 0.00	64.08 -0.91 0.00	74.16 -0.90 0.00	62.62 -1.02 0.00	58.82 -1.14 0.00	58.69 -1.32 0.00	55.80 -1.49 0.00	54.20 -1.73 0.00	54.25 -2.08 0.00	54.64 -2.22 0.00	58.90 -2.33 0.00	77.73 -3.24 0.00	103.34 -3.53 0.00	90.77 -3.19 0.00	81.99 -2.62 0.00	67.18 -2.01 0.00	60.55 -1.43 0.00	52.69 -1.08 0.00	48.87 -0.85 0.00
CHATEAUG_WT_PWR 323614	45.12 -0.88 0.00	44.38 -0.86 0.00	41.65 -0.81 0.00	41.29 -0.76 0.00	43.91 -0.72 0.00	47.92 -1.18 0.00	63.30 -1.69 0.00	73.26 -1.80 0.00	61.98 -1.65 0.00	58.16 -1.80 0.00	58.09 -1.92 0.00	55.29 -2.01 0.00	53.81 -2.13 0.00	54.19 -2.14 0.00	54.58 -2.28 0.00	58.78 -2.45 0.00	77.64 -3.32 0.00	103.02 -3.84 0.00	90.49 -3.47 0.00	81.57 -3.04 0.00	66.76 -2.42 0.00	59.93 -2.04 0.00	52.26 -1.51 0.00	48.77 -0.95 0.00
CHAT_HIGH_FALL_HYD 323578	45.22 -0.78 0.00	44.48 -0.77 0.00	41.73 -0.72 0.00	41.33 -0.71 0.00	43.96 -0.67 0.00	48.27 -0.83 0.00	64.08 -0.91 0.00	74.16 -0.90 0.00	62.62 -1.02 0.00	58.82 -1.14 0.00	58.69 -1.32 0.00	55.80 -1.49 0.00	54.20 -1.73 0.00	54.25 -2.08 0.00	54.64 -2.22 0.00	58.90 -2.33 0.00	77.73 -3.24 0.00	103.34 -3.53 0.00	90.77 -3.19 0.00	81.99 -2.62 0.00	67.18 -2.01 0.00	60.55 -1.43 0.00	52.69 -1.08 0.00	48.87 -0.85 0.00
CHAUTAUQUA___LFGE 323629	44.35 -1.65 0.00	43.39 -1.86 0.00	40.42 -2.04 0.00	40.03 -2.02 0.00	41.64 -2.99 0.00	45.32 -3.78 0.00	58.95 -6.04 0.00	67.02 -8.03 0.02	57.40 -6.23 0.00	54.74 -5.22 0.00	54.85 -5.16 0.00	51.90 -5.39 0.01	50.38 -5.54 0.02	50.34 -5.97 0.02	50.93 -5.91 0.02	54.90 -6.30 0.02	72.69 -8.26 0.02	96.48 -10.36 0.02	84.55 -9.40 0.02	75.89 -8.71 0.01	61.70 -7.47 0.02	54.95 -7.00 0.02	48.61 -5.16 0.00	45.54 -4.18 0.00
CHERRYST_13_KV_LD 356241	49.31 3.31 0.00	48.37 3.12 0.00	45.21 2.76 0.00	44.74 2.69 0.00	47.71 3.08 0.00	52.78 3.68 0.00	69.74 4.74 -0.01	80.69 5.63 0.00	68.53 4.90 0.00	64.88 4.92 -0.01	64.95 4.92 -0.02	62.53 4.93 -0.31	62.53 5.03 -1.56	62.66 5.18 -1.15	62.90 5.34 -0.69	67.23 5.94 -0.07	88.58 7.61 0.00	116.37 9.51 0.00	102.24 8.27 0.00	91.81 7.19 0.00	74.45 5.26 0.00	67.13 5.14 -0.01	57.64 3.87 -0.01	53.25 3.53 0.00

CHESTROR_138KV_BK263 355645	48.21 2.21 0.00	47.37 2.13 0.00	44.32 1.87 0.00	43.90 1.85 0.00	46.73 2.10 0.00	51.60 2.50 0.00	68.24 3.25 0.00	78.97 3.90 0.00	66.88 3.25 0.00	63.19 3.24 0.00	63.19 3.18 0.00	60.44 3.15 0.00	59.23 3.30 0.00	59.71 3.38 0.00	60.33 3.47 0.00	65.21 3.98 0.00	86.07 5.10 0.00	113.27 6.41 0.00	99.60 5.64 0.00	89.52 4.91 0.00	72.92 3.74 0.00	65.51 3.53 0.00	56.40 2.63 0.00	52.10 2.39 0.00
CH_MIDHUDSON___DRP 24192	48.39 2.39 0.00	47.55 2.31 0.00	44.49 2.04 0.00	44.07 2.02 0.00	46.95 2.32 0.00	51.85 2.75 0.00	68.56 3.57 0.00	79.34 4.28 0.00	67.26 3.63 0.00	63.49 3.54 0.00	63.55 3.54 0.00	60.84 3.55 0.00	59.63 3.69 0.00	60.10 3.77 0.00	60.78 3.92 0.00	65.63 4.41 0.00	86.71 5.75 0.00	113.92 7.05 0.00	100.26 6.30 0.00	90.03 5.42 0.00	73.27 4.08 0.00	65.88 3.90 0.00	56.67 2.90 0.00	52.35 2.63 0.00
CH_MISC_IPPS 23765	48.62 2.62 0.00	47.87 2.62 0.00	44.74 2.29 0.00	44.28 2.23 0.00	47.17 2.54 0.00	52.19 3.10 0.00	69.15 4.16 0.00	79.94 4.88 0.00	67.77 4.13 0.00	64.03 4.08 0.00	63.97 3.96 0.00	61.24 3.95 0.00	59.96 4.03 0.00	60.44 4.11 0.00	61.07 4.21 0.00	65.88 4.65 0.00	87.12 6.15 0.00	114.77 7.91 0.00	100.82 6.86 0.00	90.54 5.92 0.00	73.75 4.57 0.00	66.38 4.40 0.00	57.10 3.33 0.00	52.55 2.83 0.00
CH_RES_BVR_FALLS 23983	45.68 -0.32 0.00	44.93 -0.31 0.00	42.11 -0.34 0.00	41.67 -0.38 0.00	44.23 -0.40 0.00	48.66 -0.44 0.00	64.40 -0.59 0.00	74.39 -0.68 0.00	62.93 -0.70 0.00	59.12 -0.84 0.00	58.99 -1.02 0.00	56.15 -1.15 0.00	54.65 -1.28 0.00	54.98 -1.35 0.00	55.44 -1.42 0.00	59.76 -1.47 0.00	79.11 -1.86 0.00	104.61 -2.25 0.00	92.09 -1.88 0.00	83.09 -1.52 0.00	68.08 -1.11 0.00	61.11 -0.87 0.00	53.01 -0.75 0.00	49.07 -0.65 0.00
CH_RES_NIAGARA 23895	42.69 -3.31 0.00	41.76 -3.48 0.00	39.44 -3.01 0.00	39.02 -3.03 0.00	41.01 -3.61 0.00	43.94 -5.16 0.00	56.54 -8.45 0.00	64.39 -10.66 0.01	55.36 -8.27 0.00	53.12 -6.83 0.00	53.23 -6.78 0.00	50.64 -6.65 0.01	48.87 -7.05 0.01	49.22 -7.10 0.01	49.51 -7.33 0.01	52.09 -9.12 0.01	69.21 -11.74 0.01	91.67 -15.17 0.01	79.86 -14.09 0.01	72.34 -12.27 0.01	59.35 -9.82 0.01	52.91 -9.05 0.01	47.21 -6.56 0.00	44.00 -5.72 0.00
CH_RES_SYRACUSE 23985	45.54 -0.46 0.00	44.70 -0.54 0.00	41.99 -0.47 0.00	41.55 -0.50 0.00	44.00 -0.62 0.00	48.41 -0.69 0.00	64.21 -0.78 0.00	74.24 -0.82 0.00	63.06 -0.57 0.00	59.47 -0.48 0.00	59.47 -0.54 0.00	56.78 -0.52 0.00	55.43 -0.50 0.00	55.82 -0.51 0.00	56.29 -0.57 0.00	60.61 -0.61 0.00	80.16 -0.81 0.00	105.90 -0.96 0.00	93.12 -0.85 0.00	83.94 -0.68 0.00	68.50 -0.69 0.00	61.11 -0.87 0.00	53.12 -0.64 0.00	49.07 -0.65 0.00
CLINTON_WT_PWR 323605	45.12 -0.88 0.00	44.38 -0.86 0.00	41.65 -0.81 0.00	41.29 -0.76 0.00	43.91 -0.72 0.00	47.92 -1.18 0.00	63.30 -1.69 0.00	73.26 -1.80 0.00	61.98 -1.65 0.00	58.16 -1.80 0.00	58.09 -1.92 0.00	55.29 -2.01 0.00	53.81 -2.13 0.00	54.19 -2.14 0.00	54.58 -2.28 0.00	58.78 -2.45 0.00	77.64 -3.32 0.00	103.02 -3.84 0.00	90.49 -3.47 0.00	81.57 -3.04 0.00	66.76 -2.42 0.00	59.93 -2.04 0.00	52.26 -1.51 0.00	48.77 -0.95 0.00
CLINTON___LFGE 323618	45.36 -0.64 0.00	44.61 -0.63 0.00	41.82 -0.64 0.00	41.46 -0.59 0.00	44.14 -0.49 0.00	47.92 -1.18 0.00	63.24 -1.75 0.00	73.26 -1.80 0.00	61.85 -1.78 0.00	58.03 -1.92 0.00	57.85 -2.16 0.00	55.06 -2.24 0.00	53.59 -2.35 0.00	54.02 -2.31 0.00	54.52 -2.33 0.00	58.71 -2.51 0.00	77.57 -3.40 0.00	103.12 -3.74 0.00	90.59 -3.38 0.00	81.65 -2.96 0.00	66.83 -2.35 0.00	59.80 -2.17 0.00	52.21 -1.56 0.00	48.92 -0.80 0.00
COBBLENY_34_KV_TB1 80064	44.07 -1.93 0.00	43.12 -2.13 0.00	40.29 -2.17 0.00	40.24 -1.81 0.00	41.86 -2.77 0.00	45.47 -3.63 0.00	59.01 -5.98 0.00	67.39 -7.66 0.02	57.65 -5.98 0.00	55.10 -4.86 0.00	55.21 -4.80 0.00	52.36 -4.93 0.01	50.88 -5.03 0.02	51.35 -4.96 0.02	51.78 -5.06 0.02	55.58 -5.63 0.02	73.66 -7.29 0.02	96.27 -10.58 0.02	84.46 -9.49 0.02	75.72 -8.88 0.01	62.04 -7.13 0.02	55.45 -6.51 0.02	48.98 -4.79 0.00	45.54 -4.18 0.00
COFFEEN___115KV_TB3 355620	46.55 0.55 0.00	45.88 0.63 0.00	43.09 0.64 0.00	42.47 0.42 0.00	45.21 0.58 0.00	49.93 0.83 0.00	66.55 1.56 0.00	77.01 1.95 0.00	64.40 0.76 0.00	60.07 0.12 0.00	60.01 0.00 0.00	56.89 -0.40 0.00	55.60 -0.34 0.00	55.99 -0.34 0.00	56.40 -0.45 0.00	60.86 -0.37 0.00	81.13 0.16 0.00	108.79 1.92 0.00	95.85 1.88 0.00	86.65 2.03 0.00	70.64 1.45 0.00	63.22 1.24 0.00	54.41 0.65 0.00	50.16 0.45 0.00
COLDSPRG_115KV_BK1 355956	44.44 -1.56 0.00	43.48 -1.76 0.00	40.50 -1.95 0.00	40.41 -1.64 0.00	42.13 -2.50 0.00	45.96 -3.14 0.00	60.05 -4.94 0.00	68.59 -6.46 0.02	58.29 -5.35 0.00	55.58 -4.38 0.00	55.63 -4.38 0.00	52.53 -4.76 0.01	51.27 -4.64 0.02	51.75 -4.56 0.02	52.29 -4.55 0.02	56.86 -4.35 0.02	75.28 -5.67 0.02	98.72 -8.12 0.02	87.09 -6.86 0.02	76.74 -7.87 0.01	62.80 -6.37 0.02	56.19 -5.76 0.02	49.36 -4.41 0.00	45.74 -3.98 0.00
COLONIE_LFGE___ 323577	47.19 1.19 0.00	46.51 1.27 0.00	43.77 1.32 0.00	43.35 1.30 0.00	46.10 1.47 0.00	50.77 1.67 0.00	67.52 2.53 0.00	77.84 2.78 0.00	65.80 2.16 0.00	61.93 1.98 0.00	62.11 2.10 0.00	59.41 2.12 0.00	58.06 2.12 0.00	58.47 2.14 0.00	59.19 2.33 0.00	63.74 2.51 0.00	84.61 3.65 0.00	110.50 3.64 0.00	97.54 3.57 0.00	87.58 2.96 0.00	71.67 2.49 0.00	64.20 2.23 0.00	55.60 1.83 0.00	51.31 1.59 0.00
COOPERNY_115KV_TB1 80082	47.70 1.70 0.00	46.87 1.63 0.00	43.90 1.44 0.00	43.48 1.43 0.00	46.28 1.65 0.00	51.01 1.91 0.00	67.46 2.47 0.00	77.99 2.93 0.00	66.12 2.48 0.00	62.41 2.46 0.00	62.47 2.46 0.00	59.70 2.41 0.00	58.45 2.52 0.00	58.86 2.53 0.00	59.53 2.67 0.00	64.23 3.00 0.00	84.85 3.89 0.00	111.78 4.92 0.00	98.29 4.32 0.00	88.34 3.72 0.00	72.02 2.84 0.00	64.70 2.73 0.00	55.76 1.99 0.00	51.51 1.79 0.00
COPENHAGEN_WT_PWR 323753	46.18 0.18 0.00	45.52 0.27 0.00	42.75 0.30 0.00	42.18 0.13 0.00	44.85 0.22 0.00	49.49 0.39 0.00	65.83 0.84 0.00	76.19 1.13 0.00	63.89 0.26 0.00	59.66 -0.30 0.00	59.65 -0.36 0.00	56.61 -0.68 0.00	55.32 -0.61 0.00	55.71 -0.62 0.00	56.12 -0.74 0.00	60.55 -0.67 0.00	80.48 -0.48 0.00	107.71 0.85 0.00	94.81 0.84 0.00	85.71 1.10 0.00	70.08 0.90 0.00	62.47 0.49 0.00	53.87 0.11 0.00	49.77 0.05 0.00
CORNELL_____ 23752	46.55 0.55 0.00	45.74 0.50 0.00	42.88 0.42 0.00	42.47 0.42 0.00	44.99 0.36 0.00	49.49 0.39 0.00	65.64 0.65 0.00	75.86 0.75 -0.05	64.27 0.64 0.00	60.43 0.48 0.00	60.31 0.30 0.00	57.43 0.11 -0.03	56.09 0.11 -0.05	56.61 0.23 -0.05	57.20 0.28 -0.05	61.71 0.43 -0.05	81.91 0.89 -0.05	108.52 1.60 -0.05	95.52 1.50 -0.05	86.00 1.35 -0.03	70.21 0.97 -0.05	62.65 0.62 -0.05	54.25 0.48 0.00	50.06 0.35 0.00

CORONA__69_KV_TB1 355595	49.59 3.59 0.00	48.50 3.26 0.00	45.30 2.84 0.00	44.87 2.82 0.00	47.84 3.21 0.00	53.17 4.08 0.00	68.30 3.31 0.01	78.96 3.90 0.01	67.26 3.63 0.00	63.73 3.78 0.00	63.85 3.84 0.00	62.91 5.61 -0.01	61.70 5.71 -0.07	62.31 5.80 -0.18	62.82 5.86 -0.10	67.59 6.37 0.01	88.82 7.85 0.00	116.48 9.62 0.00	102.80 8.83 0.00	92.32 7.70 0.00	74.51 5.33 0.00	67.30 5.33 0.00	57.64 3.87 0.00	53.64 3.93 0.00
CORTLAND__115KV_TB3 80093	46.32 0.32 0.00	45.52 0.27 0.00	42.67 0.21 0.00	42.30 0.25 0.00	44.81 0.18 0.00	49.30 0.20 0.00	65.38 0.39 0.00	75.60 0.53 -0.01	64.08 0.45 0.00	60.37 0.42 0.00	60.31 0.30 0.00	57.53 0.23 -0.01	56.17 0.22 -0.01	56.63 0.28 -0.01	57.21 0.34 -0.01	61.67 0.43 -0.01	81.63 0.65 -0.01	107.95 1.07 -0.01	94.92 0.94 -0.01	85.38 0.76 -0.01	69.76 0.55 -0.01	62.30 0.31 -0.01	54.04 0.27 0.00	49.86 0.15 0.00
COXSACKIE__GT 23611	48.02 2.02 0.00	47.46 2.22 0.00	44.53 2.08 0.00	44.03 1.98 0.00	46.86 2.23 0.00	51.70 2.60 0.00	69.02 4.03 0.00	79.64 4.58 0.00	66.88 3.24 0.00	62.59 2.64 0.00	62.29 2.28 0.00	59.47 2.18 0.00	58.17 2.24 0.00	58.58 2.26 0.00	59.25 2.39 0.00	64.29 3.06 0.00	86.07 5.10 0.00	113.49 6.63 0.00	100.07 6.10 0.00	89.52 4.91 0.00	73.27 4.08 0.00	65.57 3.59 0.00	56.72 2.96 0.00	52.25 2.53 0.00
CPV_VALLEY__CC1 323721	48.02 2.02 0.00	47.23 1.99 0.00	44.15 1.70 0.00	43.77 1.72 0.00	46.55 1.92 0.00	51.46 2.36 0.00	68.11 3.12 0.00	78.74 3.68 0.00	66.69 3.05 0.00	63.01 3.06 0.00	63.07 3.06 0.00	60.27 2.98 0.00	59.01 3.07 0.00	59.48 3.15 0.00	60.10 3.24 0.00	64.78 3.55 0.00	85.58 4.61 0.00	112.74 5.87 0.00	99.13 5.16 0.00	89.10 4.48 0.00	72.58 3.39 0.00	65.32 3.34 0.00	56.24 2.47 0.00	51.80 2.09 0.00
CPV_VALLEY__CC2 323722	48.02 2.02 0.00	47.23 1.99 0.00	44.15 1.70 0.00	43.77 1.72 0.00	46.55 1.92 0.00	51.46 2.36 0.00	68.11 3.12 0.00	78.74 3.68 0.00	66.69 3.05 0.00	63.01 3.06 0.00	63.07 3.06 0.00	60.27 2.98 0.00	59.01 3.07 0.00	59.48 3.15 0.00	60.10 3.24 0.00	64.78 3.55 0.00	85.58 4.61 0.00	112.74 5.87 0.00	99.13 5.16 0.00	89.10 4.48 0.00	72.58 3.39 0.00	65.32 3.34 0.00	56.24 2.47 0.00	51.80 2.09 0.00
CRESCENT__HYD 24018	47.19 1.19 0.00	46.51 1.27 0.00	43.77 1.32 0.00	43.35 1.30 0.00	46.10 1.47 0.00	50.77 1.67 0.00	67.52 2.53 0.00	77.84 2.78 0.00	65.80 2.16 0.00	61.93 1.98 0.00	62.11 2.10 0.00	59.41 2.12 0.00	58.06 2.12 0.00	58.47 2.14 0.00	59.19 2.33 0.00	63.74 2.51 0.00	84.61 3.65 0.00	110.50 3.64 0.00	97.54 3.57 0.00	87.58 2.96 0.00	71.67 2.49 0.00	64.20 2.23 0.00	55.60 1.83 0.00	51.31 1.59 0.00
CRICKET__VALLEY_CC1 323756	47.84 1.84 0.00	47.06 1.81 0.00	43.98 1.53 0.00	43.61 1.56 0.00	46.42 1.79 0.00	51.31 2.21 0.00	67.92 2.93 0.00	78.52 3.45 0.00	66.56 2.93 0.00	62.89 2.94 0.00	62.95 2.94 0.00	60.21 2.92 0.00	58.95 3.02 0.00	59.43 3.10 0.00	60.10 3.24 0.00	64.78 3.55 0.00	85.50 4.53 0.00	112.52 5.66 0.00	98.94 4.98 0.00	88.84 4.23 0.00	72.37 3.18 0.00	65.26 3.28 0.00	56.13 2.36 0.00	51.71 1.99 0.00
CRICKET__VALLEY_CC2 323757	47.84 1.84 0.00	47.06 1.81 0.00	43.98 1.53 0.00	43.61 1.56 0.00	46.42 1.79 0.00	51.31 2.21 0.00	67.92 2.93 0.00	78.52 3.45 0.00	66.56 2.93 0.00	62.89 2.94 0.00	62.95 2.94 0.00	60.21 2.92 0.00	58.95 3.02 0.00	59.43 3.10 0.00	60.10 3.24 0.00	64.78 3.55 0.00	85.50 4.53 0.00	112.52 5.66 0.00	98.94 4.98 0.00	88.84 4.23 0.00	72.37 3.18 0.00	65.26 3.28 0.00	56.13 2.36 0.00	51.71 1.99 0.00
CRICKET__VALLEY_CC3 323758	47.84 1.84 0.00	47.06 1.81 0.00	43.98 1.53 0.00	43.61 1.56 0.00	46.42 1.79 0.00	51.31 2.21 0.00	67.92 2.93 0.00	78.52 3.45 0.00	66.56 2.93 0.00	62.89 2.94 0.00	62.95 2.94 0.00	60.21 2.92 0.00	58.95 3.02 0.00	59.43 3.10 0.00	60.10 3.24 0.00	64.78 3.55 0.00	85.50 4.53 0.00	112.52 5.66 0.00	98.94 4.98 0.00	88.84 4.23 0.00	72.37 3.18 0.00	65.26 3.28 0.00	56.13 2.36 0.00	51.71 1.99 0.00
CRUCIBLE__METL_DRP 24180	45.49 -0.51 0.00	44.70 -0.54 0.00	41.94 -0.51 0.00	41.54 -0.50 0.00	44.00 -0.62 0.00	48.36 -0.74 0.00	64.14 -0.84 0.00	74.16 -0.90 0.00	63.00 -0.64 0.00	59.42 -0.54 0.00	59.41 -0.60 0.00	56.72 -0.57 0.00	55.37 -0.56 0.00	55.82 -0.51 0.00	56.29 -0.57 0.00	60.55 -0.67 0.00	80.16 -0.81 0.00	105.90 -0.96 0.00	93.03 -0.94 0.00	83.77 -0.85 0.00	68.50 -0.69 0.00	61.11 -0.87 0.00	53.12 -0.65 0.00	49.02 -0.70 0.00
DAHOWA__HYDRO 323763	47.65 1.65 0.00	47.10 1.86 0.00	44.19 1.74 0.00	43.73 1.68 0.00	46.59 1.96 0.00	51.41 2.31 0.00	68.30 3.31 0.00	78.74 3.68 0.00	66.37 2.73 0.00	62.36 2.40 0.00	62.35 2.34 0.00	59.64 2.35 0.00	58.23 2.29 0.00	58.64 2.31 0.00	59.42 2.56 0.00	64.04 2.82 0.00	85.34 4.37 0.00	111.78 4.92 0.00	98.57 4.60 0.00	88.33 3.72 0.00	72.51 3.32 0.00	64.77 2.79 0.00	56.08 2.31 0.00	51.75 2.04 0.00
DANC__LFGE 323619	45.54 -0.46 0.00	44.88 -0.36 0.00	42.16 -0.30 0.00	41.63 -0.42 0.00	44.18 -0.45 0.00	48.66 -0.44 0.00	64.60 -0.39 0.00	74.69 -0.37 0.00	62.93 -0.70 0.00	58.99 -0.96 0.00	59.05 -0.96 0.00	56.20 -1.09 0.00	54.93 -1.01 0.00	55.26 -1.07 0.00	55.66 -1.20 0.00	60.00 -1.22 0.00	79.59 -1.38 0.00	106.00 -0.86 0.00	93.31 -0.65 0.00	84.28 -0.34 0.00	68.84 -0.34 0.00	61.42 -0.56 0.00	53.12 -0.64 0.00	49.12 -0.59 0.00
DANSKAMMER__1 23586	48.62 2.62 0.00	47.87 2.62 0.00	44.74 2.29 0.00	44.28 2.23 0.00	47.17 2.54 0.00	52.19 3.10 0.00	69.15 4.16 0.00	79.94 4.88 0.00	67.77 4.13 0.00	64.03 4.08 0.00	63.97 3.96 0.00	61.24 3.95 0.00	59.96 4.03 0.00	60.44 4.11 0.00	61.07 4.21 0.00	65.88 4.65 0.00	87.12 6.15 0.00	114.77 7.91 0.00	100.82 6.86 0.00	90.54 5.92 0.00	73.75 4.57 0.00	66.38 4.40 0.00	57.10 3.33 0.00	52.55 2.83 0.00
DANSKAMMER__2 23589	48.62 2.62 0.00	47.87 2.62 0.00	44.74 2.29 0.00	44.28 2.23 0.00	47.17 2.54 0.00	52.19 3.10 0.00	69.15 4.16 0.00	79.94 4.88 0.00	67.77 4.13 0.00	64.03 4.08 0.00	63.97 3.96 0.00	61.24 3.95 0.00	59.96 4.03 0.00	60.44 4.11 0.00	61.07 4.21 0.00	65.88 4.65 0.00	87.12 6.15 0.00	114.77 7.91 0.00	100.82 6.86 0.00	90.54 5.92 0.00	73.75 4.57 0.00	66.38 4.40 0.00	57.10 3.33 0.00	52.55 2.83 0.00
DANSKAMMER__3 23590	48.62 2.62 0.00	47.87 2.62 0.00	44.74 2.29 0.00	44.28 2.23 0.00	47.17 2.54 0.00	52.19 3.10 0.00	69.15 4.16 0.00	79.94 4.88 0.00	67.77 4.13 0.00	64.03 4.08 0.00	63.97 3.96 0.00	61.24 3.95 0.00	59.96 4.03 0.00	60.44 4.11 0.00	61.07 4.21 0.00	65.88 4.65 0.00	87.12 6.15 0.00	114.77 7.91 0.00	100.82 6.86 0.00	90.54 5.92 0.00	73.75 4.57 0.00	66.38 4.40 0.00	57.10 3.33 0.00	52.55 2.83 0.00

DANSKAMMER___4 23591	48.62 2.62 0.00	47.87 2.62 0.00	44.74 2.29 0.00	44.28 2.23 0.00	47.17 2.54 0.00	52.19 3.10 0.00	69.15 4.16 0.00	79.94 4.88 0.00	67.77 4.13 0.00	64.03 4.08 0.00	63.97 3.96 0.00	61.24 3.95 0.00	59.96 4.03 0.00	60.44 4.11 0.00	61.07 4.21 0.00	65.88 4.65 0.00	87.12 6.15 0.00	114.77 7.91 0.00	100.82 6.86 0.00	90.54 5.92 0.00	73.75 4.57 0.00	66.38 4.40 0.00	57.10 3.33 0.00	52.55 2.83 0.00
DANSKAMMER___DIESEL 23592	48.67 2.67 0.00	47.82 2.58 0.00	44.75 2.29 0.00	44.28 2.23 0.00	47.17 2.54 0.00	52.09 3.00 0.00	69.02 4.03 0.00	79.87 4.80 0.00	67.64 4.01 0.00	63.91 3.96 0.00	63.91 3.90 0.00	61.19 3.90 0.00	59.96 4.03 0.00	60.44 4.11 0.00	61.07 4.21 0.00	66.00 4.78 0.00	87.20 6.23 0.00	114.77 7.91 0.00	100.92 6.95 0.00	90.54 5.92 0.00	73.75 4.57 0.00	66.25 4.28 0.00	56.99 3.23 0.00	52.60 2.88 0.00
DARBY___SOLAR 323810	47.52 1.52 0.00	46.92 1.68 0.00	44.07 1.61 0.00	43.65 1.60 0.00	46.46 1.83 0.00	51.21 2.11 0.00	68.04 3.06 0.00	78.44 3.38 0.00	66.18 2.55 0.00	62.17 2.22 0.00	62.23 2.22 0.00	59.47 2.18 0.00	58.11 2.18 0.00	58.52 2.19 0.00	59.30 2.44 0.00	63.92 2.69 0.00	85.09 4.13 0.00	111.35 4.49 0.00	98.29 4.32 0.00	88.09 3.47 0.00	72.23 3.04 0.00	64.58 2.60 0.00	55.97 2.21 0.00	51.60 1.89 0.00
DASHVILLE___HYD 23610	48.12 2.12 0.00	47.28 2.04 0.00	44.24 1.78 0.00	43.77 1.72 0.00	46.68 2.05 0.00	51.55 2.45 0.00	68.24 3.25 0.00	78.97 3.90 0.00	66.82 3.18 0.00	63.07 3.12 0.00	63.01 3.00 0.00	60.33 3.04 0.00	59.12 3.19 0.00	59.60 3.27 0.00	60.21 3.35 0.00	65.14 3.92 0.00	86.07 5.10 0.00	113.38 6.52 0.00	99.70 5.73 0.00	89.52 4.91 0.00	72.92 3.74 0.00	65.57 3.59 0.00	56.40 2.63 0.00	52.05 2.34 0.00
DELAWARE___LFGE 323621	47.15 1.15 0.00	46.47 1.22 0.00	43.56 1.10 0.00	43.10 1.05 0.00	45.83 1.20 0.00	50.47 1.37 0.00	66.81 1.82 0.00	77.24 2.18 0.00	65.42 1.78 0.00	61.69 1.74 0.00	61.81 1.80 0.00	58.95 1.66 0.00	57.67 1.73 0.00	58.08 1.75 0.00	58.68 1.82 0.00	63.37 2.14 0.00	83.80 2.83 0.00	110.39 3.53 0.00	97.07 3.10 0.00	87.24 2.62 0.00	71.26 2.08 0.00	63.90 1.92 0.00	55.17 1.40 0.00	50.96 1.24 0.00
DERFIELD_115KV_TB7 355931	46.23 0.23 0.00	45.47 0.23 0.00	42.67 0.21 0.00	42.26 0.21 0.00	44.85 0.22 0.00	49.35 0.25 0.00	65.31 0.32 0.00	75.44 0.38 0.00	63.95 0.32 0.00	60.25 0.30 0.00	60.31 0.30 0.00	57.58 0.29 0.00	56.21 0.28 0.00	56.67 0.34 0.00	57.20 0.34 0.00	61.65 0.43 0.00	81.61 0.65 0.00	107.50 0.64 0.00	94.53 0.56 0.00	85.12 0.51 0.00	69.60 0.42 0.00	62.35 0.37 0.00	53.98 0.22 0.00	49.91 0.20 0.00
DOGLEVILLE___HYD 23807	48.58 2.58 0.00	47.78 2.53 0.00	44.75 2.29 0.00	44.28 2.23 0.00	47.04 2.41 0.00	51.65 2.55 0.00	68.43 3.44 0.00	78.89 3.83 0.00	66.69 3.05 0.00	62.65 2.70 0.00	62.89 2.88 0.00	59.81 2.52 0.00	58.34 2.41 0.00	58.75 2.42 0.00	59.36 2.50 0.00	63.86 2.63 0.00	84.77 3.81 0.00	111.99 5.13 0.00	98.66 4.70 0.00	88.93 4.32 0.00	72.79 3.60 0.00	65.38 3.41 0.00	56.67 2.90 0.00	52.40 2.68 0.00
DUNKIRK___115KV_TB_200 55889	44.02 -1.98 0.00	43.03 -2.22 0.00	40.12 -2.33 0.00	40.03 -2.02 0.00	41.68 -2.95 0.00	45.32 -3.78 0.00	58.88 -6.11 0.00	67.16 -7.88 0.02	57.27 -6.36 0.00	54.68 -5.28 0.00	54.79 -5.22 0.00	51.90 -5.39 0.01	50.38 -5.54 0.02	50.74 -5.58 0.02	51.16 -5.69 0.02	54.84 -6.37 0.02	72.77 -8.18 0.02	96.48 -10.37 0.02	84.65 -9.30 0.02	75.47 -9.14 0.01	61.77 -7.40 0.02	55.02 -6.94 0.02	48.66 -5.11 0.00	45.19 -4.52 0.00
DUNKIRK___1 23563	44.02 -1.98 0.00	43.03 -2.22 0.00	40.12 -2.33 0.00	40.03 -2.02 0.00	41.68 -2.95 0.00	45.32 -3.78 0.00	58.88 -6.11 0.00	67.16 -7.88 0.02	57.27 -6.36 0.00	54.68 -5.28 0.00	54.79 -5.22 0.00	51.90 -5.39 0.01	50.38 -5.54 0.02	50.74 -5.58 0.02	51.16 -5.69 0.02	54.84 -6.37 0.02	72.77 -8.18 0.02	96.48 -10.37 0.02	84.65 -9.30 0.02	75.47 -9.14 0.01	61.77 -7.40 0.02	55.02 -6.94 0.02	48.66 -5.11 0.00	45.19 -4.52 0.00
DUNKIRK___2 23564	44.02 -1.98 0.00	43.03 -2.22 0.00	40.12 -2.33 0.00	40.03 -2.02 0.00	41.68 -2.95 0.00	45.32 -3.78 0.00	58.88 -6.11 0.00	67.16 -7.88 0.02	57.27 -6.36 0.00	54.68 -5.28 0.00	54.79 -5.22 0.00	51.90 -5.39 0.01	50.38 -5.54 0.02	50.74 -5.58 0.02	51.16 -5.69 0.02	54.84 -6.37 0.02	72.77 -8.18 0.02	96.48 -10.37 0.02	84.65 -9.30 0.01	75.47 -9.14 0.01	61.77 -7.40 0.02	55.02 -6.94 0.02	48.66 -5.11 0.00	45.19 -4.52 0.00
DUNKIRK___3 23565	43.93 -2.07 0.00	42.98 -2.26 0.00	40.12 -2.33 0.00	40.07 -1.98 0.00	41.68 -2.95 0.00	45.32 -3.78 0.00	58.81 -6.17 0.00	67.09 -7.96 0.02	57.27 -6.36 0.00	54.74 -5.22 0.00	54.79 -5.22 0.00	51.96 -5.33 0.01	50.44 -5.48 0.02	50.85 -5.46 0.02	51.27 -5.57 0.02	54.96 -6.25 0.02	72.93 -8.02 0.02	96.16 -10.69 0.02	84.36 -9.58 0.02	75.47 -9.14 0.01	61.77 -7.40 0.02	55.08 -6.88 0.02	48.71 -5.05 0.00	45.24 -4.47 0.00
DUNKIRK___4 23566	43.93 -2.07 0.00	42.98 -2.26 0.00	40.12 -2.33 0.00	40.07 -1.98 0.00	41.68 -2.95 0.00	45.32 -3.78 0.00	58.81 -6.17 0.00	67.09 -7.96 0.02	57.27 -6.36 0.00	54.74 -5.22 0.00	54.79 -5.22 0.00	51.96 -5.33 0.01	50.44 -5.48 0.02	50.85 -5.46 0.02	51.27 -5.57 0.02	54.96 -6.25 0.02	72.93 -8.02 0.02	96.16 -10.69 0.02	84.36 -9.58 0.02	75.47 -9.14 0.01	61.77 -7.40 0.02	55.08 -6.88 0.02	48.71 -5.05 0.00	45.24 -4.47 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.90 2.90 0.00	47.96 2.71 0.00	44.83 2.38 0.00	44.36 2.31 0.00	47.31 2.68 0.00	52.29 3.19 0.00	69.08 4.09 0.00	79.94 4.88 0.00	67.83 4.20 0.00	64.15 4.20 0.00	64.21 4.20 0.00	61.53 4.24 0.01	60.26 4.36 0.04	60.75 4.45 0.03	61.50 4.66 0.02	66.43 5.20 0.00	87.61 6.64 0.00	115.09 8.23 0.00	101.30 7.33 0.00	90.96 6.35 0.00	73.89 4.70 0.00	66.56 4.59 0.00	57.15 3.39 0.00	52.80 3.08 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.44 2.44 0.00	47.60 2.35 0.00	44.53 2.08 0.00	44.07 2.02 0.00	46.95 2.32 0.00	51.85 2.75 0.00	68.63 3.64 0.00	79.42 4.35 0.00	67.26 3.63 0.00	63.55 3.60 0.00	63.55 3.54 0.00	60.79 3.49 0.00	59.63 3.69 0.00	60.05 3.72 0.00	60.72 3.87 0.00	65.57 4.35 0.00	86.63 5.67 0.00	114.02 7.16 0.00	100.26 6.30 0.00	90.12 5.50 0.00	73.34 4.15 0.00	65.94 3.97 0.00	56.72 2.96 0.00	52.35 2.63 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	49.41 3.40 -0.01	48.60 3.35 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	52.99 3.88 -0.01	69.42 4.42 -0.01	79.79 4.73 0.00	67.96 4.33 0.00	64.29 4.32 -0.02	64.40 4.38 -0.01	61.60 4.30 -0.01	60.42 4.42 -0.07	60.94 4.56 -0.05	61.60 4.72 -0.02	66.50 5.27 -0.01	87.61 6.64 0.00	115.09 8.23 0.00	101.11 7.14 0.00	90.79 6.18 0.00	73.68 4.50 0.00	66.76 4.77 -0.02	57.75 3.98 -0.01	53.45 3.73 -0.01

E179THST_13_KV_LOAD 356214	49.64 3.63 -0.01	48.78 3.53 -0.01	45.60 3.14 -0.01	45.17 3.11 -0.01	48.12 3.48 -0.01	53.18 4.08 -0.01	69.68 4.68 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.70 4.68 -0.01	61.88 4.58 -0.01	60.70 4.70 -0.07	61.16 4.79 -0.05	61.89 5.00 -0.02	66.80 5.57 -0.01	88.01 7.04 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.30 6.68 0.00	73.96 4.77 0.00	67.07 5.08 -0.02	58.02 4.25 -0.01	53.70 3.98 -0.01
EAST HAMPTON___GT 23717	49.40 3.40 0.00	48.32 3.08 0.00	45.00 2.55 0.00	44.74 2.69 0.00	47.62 2.99 0.00	53.32 4.22 0.00	67.00 2.02 0.01	76.85 1.80 0.01	65.73 2.10 0.00	62.59 2.64 0.00	62.29 2.28 0.00	61.30 4.01 0.00	60.20 4.20 -0.07	60.95 4.56 -0.06	61.84 4.94 -0.03	66.37 5.14 0.00	87.77 6.80 0.00	116.04 8.98 -0.20	102.24 8.27 0.00	90.88 6.26 0.00	73.34 4.15 0.00	67.40 4.89 -0.53	57.05 3.28 0.00	53.30 3.58 0.00
EAST RIVER___6 23660	49.08 3.08 0.00	48.23 2.99 0.00	44.96 2.50 0.00	44.53 2.48 0.00	47.49 2.86 0.00	52.59 3.49 0.00	69.68 4.68 -0.01	80.62 5.55 0.00	68.47 4.83 0.00	64.88 4.92 -0.01	64.89 4.86 -0.02	62.47 4.87 -0.31	62.42 4.92 -1.56	62.49 5.01 -1.15	62.78 5.23 -0.69	66.87 5.57 -0.07	88.26 7.29 0.00	116.16 9.29 0.00	101.95 7.98 0.00	91.56 6.94 0.00	74.24 5.05 0.00	67.07 5.08 -0.01	57.54 3.76 -0.01	52.95 3.23 0.00
EAST RIVER___7 23524	49.08 3.08 0.00	48.23 2.99 0.00	44.96 2.50 0.00	44.53 2.48 0.00	47.49 2.86 0.00	52.59 3.49 0.00	69.68 4.68 -0.01	80.62 5.55 0.00	68.47 4.83 0.00	64.88 4.92 -0.01	64.89 4.86 -0.02	62.47 4.87 -0.31	62.42 4.92 -1.56	62.49 5.01 -1.15	62.78 5.23 -0.69	66.87 5.57 -0.07	88.26 7.29 0.00	116.16 9.29 0.00	101.95 7.98 0.00	91.56 6.94 0.00	74.24 5.05 0.00	67.07 5.08 -0.01	57.54 3.76 -0.01	52.95 3.23 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.71 2.71 0.00	47.82 2.58 0.00	44.70 2.25 0.00	44.28 2.23 0.00	47.17 2.54 0.00	52.14 3.04 0.00	68.89 3.90 0.00	79.72 4.65 0.00	67.58 3.95 0.00	63.91 3.96 0.00	63.97 3.96 0.00	61.26 3.95 -0.01	60.07 4.08 -0.06	60.54 4.17 -0.04	61.26 4.38 -0.02	66.13 4.90 0.00	87.20 6.23 0.00	114.66 7.80 0.00	100.83 6.86 0.00	90.62 6.01 0.00	73.68 4.50 0.00	66.31 4.34 0.00	56.94 3.17 0.00	52.65 2.93 0.00
EAST_HAMPTON___DIESEL 23722	49.31 3.31 0.00	48.23 2.99 0.00	44.87 2.42 0.00	44.66 2.61 0.00	47.53 2.90 0.00	53.22 4.12 0.00	66.87 1.89 0.01	76.63 1.58 0.01	65.54 1.91 0.00	62.41 2.46 0.00	62.11 2.10 0.00	61.13 3.84 0.00	60.03 4.03 -0.07	60.79 4.40 -0.06	61.67 4.78 -0.03	66.18 4.96 0.00	87.52 6.56 0.00	115.83 8.76 -0.20	101.95 7.98 0.00	90.62 6.01 0.00	73.20 4.01 0.00	67.28 4.77 -0.53	56.88 3.12 0.00	53.19 3.48 0.00
EAST_POINT___SOLAR 323840	47.38 1.38 0.00	46.87 1.63 0.00	43.94 1.49 0.00	43.43 1.39 0.00	46.37 1.74 0.00	51.36 2.26 0.00	68.11 3.12 0.00	78.36 3.30 0.00	64.91 1.27 0.00	60.14 0.18 0.00	60.43 0.42 0.00	57.64 0.35 0.00	56.33 0.39 0.00	57.06 0.73 0.00	58.22 1.36 0.00	63.31 2.08 0.00	84.69 3.73 0.00	111.68 4.81 0.00	98.48 4.51 0.00	88.25 3.64 0.00	72.30 3.12 0.00	64.83 2.85 0.00	55.81 2.04 0.00	51.41 1.69 0.00
EAST_PULASKI___ESR 323781	44.99 -1.01 0.00	44.25 -1.00 0.00	41.56 -0.89 0.00	41.08 -0.97 0.00	43.52 -1.11 0.00	47.87 -1.23 0.00	63.50 -1.49 0.00	73.41 -1.65 0.00	62.17 -1.46 0.00	58.46 -1.50 0.00	58.51 -1.50 0.00	55.80 -1.49 0.00	54.54 -1.40 0.00	54.86 -1.46 0.00	55.33 -1.53 0.00	59.51 -1.71 0.00	78.78 -2.18 0.00	104.51 -2.35 0.00	91.90 -2.07 0.00	82.92 -1.69 0.00	67.73 -1.46 0.00	60.43 -1.55 0.00	52.43 -1.34 0.00	48.47 -1.24 0.00
EAST_RIVER___1 323558	49.17 3.17 0.00	48.32 3.08 0.00	45.09 2.63 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.73 3.63 0.00	69.74 4.74 -0.01	80.62 5.55 0.00	68.47 4.83 0.00	64.82 4.85 -0.01	64.83 4.80 -0.02	62.42 4.81 -0.31	62.36 4.86 -1.56	62.43 4.96 -1.15	62.72 5.17 -0.69	66.81 5.51 -0.07	88.09 7.13 0.00	115.94 9.08 0.00	101.86 7.89 0.00	91.47 6.85 0.00	74.24 5.05 0.00	67.13 5.14 -0.01	57.59 3.82 -0.01	53.05 3.33 0.00
EAST_RIVER___2 323559	49.08 3.08 0.00	48.23 2.99 0.00	44.96 2.50 0.00	44.53 2.48 0.00	47.49 2.86 0.00	52.59 3.49 0.00	69.68 4.68 -0.01	80.62 5.55 0.00	68.47 4.83 0.00	64.88 4.92 -0.01	64.89 4.86 -0.02	62.47 4.87 -0.31	62.42 4.92 -1.56	62.49 5.01 -1.15	62.78 5.23 -0.69	66.87 5.57 -0.07	88.26 7.29 0.00	116.16 9.29 0.00	101.95 7.98 0.00	91.56 6.94 0.00	74.24 5.05 0.00	67.07 5.08 -0.01	57.54 3.76 -0.01	52.95 3.23 0.00
EAST___DELAWARE_HYD 23607	48.30 2.30 0.00	47.55 2.31 0.00	44.45 2.00 0.00	44.03 1.98 0.00	46.90 2.27 0.00	51.85 2.75 0.00	68.82 3.83 0.00	79.57 4.50 0.00	67.39 3.75 0.00	63.55 3.60 0.00	63.43 3.42 0.00	60.56 3.26 0.00	59.29 3.36 0.00	59.77 3.44 0.00	60.33 3.47 0.00	65.20 3.98 0.00	86.39 5.43 0.00	114.13 7.27 0.00	100.26 6.30 0.00	90.11 5.50 0.00	73.41 4.22 0.00	66.00 4.03 0.00	56.78 3.01 0.00	52.20 2.48 0.00
EIGHT_POINT___WT_PWR 323820	44.07 -1.93 0.00	43.12 -2.13 0.00	40.24 -2.21 0.00	39.82 -2.23 0.00	41.28 -3.35 0.00	44.88 -4.22 0.00	58.69 -6.30 0.00	66.99 -8.03 0.05	57.01 -6.62 0.00	53.78 -6.17 0.00	53.65 -6.36 0.00	50.68 -6.59 0.03	49.29 -6.60 0.05	49.24 -7.04 0.05	49.87 -6.94 0.05	53.96 -7.23 0.05	71.93 -8.99 0.05	95.49 -11.33 0.05	83.96 -9.96 0.05	76.05 -8.54 0.02	61.67 -7.47 0.05	54.99 -6.94 0.05	48.39 -5.38 0.00	45.14 -4.57 0.00
ELBRIDGE_115KV_TB2 80188	45.22 -0.78 0.00	44.43 -0.81 0.00	41.69 -0.76 0.00	41.33 -0.71 0.00	43.74 -0.89 0.00	48.12 -0.98 0.00	63.69 -1.30 0.00	73.64 -1.43 0.00	62.55 -1.08 0.00	59.00 -0.96 0.00	58.99 -1.02 0.00	56.32 -0.97 0.00	54.98 -0.95 0.00	55.37 -0.96 0.00	55.89 -0.97 0.00	60.07 -1.16 0.00	79.51 -1.46 0.00	105.16 -1.71 0.00	92.37 -1.60 0.00	83.26 -1.35 0.00	68.01 -1.18 0.00	60.74 -1.24 0.00	52.75 -1.02 0.00	48.72 -0.99 0.00
ELEC_TRO_TEK 24086	49.31 3.31 0.00	48.23 2.99 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.88 3.78 0.00	67.97 2.99 0.01	78.58 3.53 0.01	67.01 3.37 0.00	63.43 3.48 0.00	63.55 3.54 0.00	62.63 5.33 0.00	61.43 5.43 -0.07	61.97 5.46 -0.17	62.47 5.52 -0.10	67.22 6.00 0.01	88.25 7.29 0.00	115.84 8.98 0.00	102.24 8.27 0.00	91.72 7.11 0.00	74.03 4.84 0.00	66.93 4.96 0.00	57.32 3.55 0.00	53.34 3.63 0.00
ELLENBURG_WT_PWR 323604	45.12 -0.88 0.00	44.38 -0.86 0.00	41.65 -0.81 0.00	41.29 -0.76 0.00	43.91 -0.72 0.00	47.92 -1.18 0.00	63.30 -1.69 0.00	73.26 -1.80 0.00	61.98 -1.65 0.00	58.16 -1.80 0.00	58.09 -1.92 0.00	55.29 -2.01 0.00	53.81 -2.13 0.00	54.19 -2.14 0.00	54.58 -2.28 0.00	58.78 -2.45 0.00	77.64 -3.32 0.00	103.02 -3.84 0.00	90.49 -3.47 0.00	81.57 -3.04 0.00	66.76 -2.42 0.00	59.93 -2.04 0.00	52.26 -1.51 0.00	48.77 -0.95 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.75 -2.25 0.00	42.80 -2.44 0.00	39.99 -2.46 0.00	39.95 -2.10 0.00	41.59 -3.03 0.00	45.07 -4.03 0.00	58.30 -6.69 0.00	66.57 -8.48 0.01	57.02 -6.62 0.00	54.56 -5.40 0.00	54.67 -5.34 0.00	51.90 -5.39 0.01	50.33 -5.59 0.01	50.74 -5.58 0.02	51.10 -5.74 0.02	54.41 -6.80 0.02	72.21 -8.74 0.02	95.09 -11.75 0.02	83.14 -10.81 0.02	74.79 -9.82 0.01	61.28 -7.89 0.02	54.65 -7.31 0.02	48.50 -5.27 0.00	45.14 -4.57 0.00
EMPIRE_CC_1 323656	46.69 0.69 0.00	46.01 0.77 0.00	43.35 0.89 0.00	42.93 0.88 0.00	45.52 0.89 0.00	50.23 1.13 0.00	66.55 1.56 0.00	76.79 1.73 0.00	64.97 1.34 0.00	61.15 1.20 0.00	61.39 1.38 0.00	58.73 1.43 0.00	57.39 1.45 0.00	57.85 1.52 0.00	58.51 1.65 0.00	63.00 1.78 0.00	83.56 2.59 0.00	108.79 1.93 0.00	96.03 2.06 0.00	86.22 1.60 0.00	70.71 1.52 0.00	63.40 1.43 0.00	54.90 1.13 0.00	50.66 0.94 0.00
EMPIRE_CC_2 323658	46.69 0.69 0.00	46.01 0.77 0.00	43.35 0.89 0.00	42.93 0.88 0.00	45.52 0.89 0.00	50.23 1.13 0.00	66.55 1.56 0.00	76.79 1.73 0.00	64.97 1.34 0.00	61.15 1.20 0.00	61.39 1.38 0.00	58.73 1.43 0.00	57.39 1.45 0.00	57.85 1.52 0.00	58.51 1.65 0.00	63.00 1.78 0.00	83.56 2.59 0.00	108.79 1.93 0.00	96.03 2.06 0.00	86.22 1.60 0.00	70.71 1.52 0.00	63.40 1.43 0.00	54.90 1.13 0.00	50.66 0.94 0.00
ENORWICH_115KV_TB1 80156	48.35 2.35 0.00	47.55 2.31 0.00	44.62 2.17 0.00	44.03 1.98 0.00	46.82 2.19 0.00	51.70 2.60 0.00	68.82 3.83 0.00	79.51 4.43 -0.02	67.20 3.56 0.00	62.95 3.00 0.00	62.83 2.82 0.00	59.31 2.01 -0.01	57.96 2.01 -0.02	58.54 2.20 -0.02	59.09 2.22 -0.02	64.12 2.88 -0.02	85.52 4.53 -0.02	114.36 7.48 -0.02	100.37 6.39 -0.02	90.38 5.75 -0.01	73.70 4.50 -0.02	65.65 3.66 -0.02	56.51 2.74 0.00	52.15 2.44 0.00
ERIE_ST__34_KV_TB1-2 80199	44.02 -1.98 0.00	43.03 -2.22 0.00	40.16 -2.29 0.00	40.20 -1.85 0.00	41.77 -2.86 0.00	45.42 -3.68 0.00	59.01 -5.98 0.00	67.47 -7.58 0.02	57.59 -6.05 0.00	55.04 -4.92 0.00	55.15 -4.86 0.00	52.24 -5.04 0.01	51.05 -4.87 0.02	51.58 -4.73 0.02	52.18 -4.66 0.02	56.68 -4.53 0.02	74.88 -6.07 0.02	96.59 -10.26 0.02	85.02 -8.93 0.02	75.72 -8.88 0.01	62.11 -7.06 0.02	55.76 -6.20 0.02	48.93 -4.84 0.00	45.49 -4.23 0.00
ERIE_WT_PWR 323693	44.39 -1.61 0.00	43.43 -1.81 0.00	40.59 -1.87 0.00	40.20 -1.85 0.00	41.82 -2.81 0.00	45.37 -3.73 0.00	58.81 -6.18 0.00	66.94 -8.11 0.02	57.52 -6.11 0.00	54.92 -5.04 0.00	55.09 -4.92 0.00	52.30 -4.98 0.01	50.77 -5.14 0.02	50.79 -5.52 0.02	51.33 -5.51 0.02	55.33 -5.88 0.02	73.26 -7.69 0.02	95.94 -10.90 0.02	83.99 -9.96 0.02	75.97 -8.63 0.01	61.77 -7.40 0.02	55.21 -6.75 0.02	48.77 -5.00 0.00	45.89 -3.83 0.00
ESPRGFLD_115KV_TB1 80157	46.64 0.64 0.00	46.01 0.77 0.00	43.13 0.68 0.00	42.64 0.59 0.00	45.43 0.80 0.00	50.18 1.08 0.00	66.48 1.49 0.00	76.71 1.65 0.00	64.46 0.83 0.00	60.37 0.42 0.00	60.55 0.54 0.00	57.64 0.34 0.00	56.33 0.39 0.00	56.89 0.56 0.00	57.65 0.80 0.00	62.51 1.29 0.00	82.99 2.02 0.00	109.75 2.89 0.00	96.50 2.54 0.00	86.65 2.03 0.00	70.78 1.59 0.00	63.52 1.55 0.00	54.68 0.91 0.00	50.41 0.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.51 0.51 0.00	45.70 0.45 0.00	42.84 0.38 0.00	42.47 0.42 0.00	44.94 0.31 0.00	49.44 0.34 0.00	65.57 0.58 0.00	75.85 0.75 -0.04	64.27 0.64 0.00	60.43 0.48 0.00	60.37 0.36 0.00	57.49 0.17 -0.02	56.14 0.17 -0.04	56.60 0.23 -0.04	57.19 0.28 -0.04	61.70 0.43 -0.04	81.90 0.89 -0.04	108.51 1.60 -0.04	95.42 1.41 -0.04	85.91 1.27 -0.02	70.13 0.90 -0.04	62.58 0.56 -0.04	54.25 0.48 0.00	50.06 0.35 0.00
ETNA____115KV_TB2 80207	46.51 0.51 0.00	45.70 0.45 0.00	42.84 0.38 0.00	42.47 0.42 0.00	44.94 0.31 0.00	49.44 0.34 0.00	65.57 0.58 0.00	75.85 0.75 -0.04	64.27 0.64 0.00	60.43 0.48 0.00	60.37 0.36 0.00	57.49 0.17 -0.02	56.14 0.17 -0.04	56.60 0.23 -0.04	57.19 0.28 -0.04	61.70 0.43 -0.04	81.90 0.89 -0.04	108.51 1.60 -0.04	95.42 1.41 -0.04	85.91 1.27 -0.02	70.13 0.90 -0.04	62.58 0.56 -0.04	54.25 0.48 0.00	50.06 0.35 0.00
EUCLID___115KV_TB2 356179	44.99 -1.01 0.00	44.20 -1.04 0.00	41.48 -0.98 0.00	41.08 -0.97 0.00	43.51 -1.12 0.00	47.82 -1.28 0.00	63.30 -1.69 0.00	73.11 -1.95 0.00	62.17 -1.46 0.00	58.58 -1.38 0.00	58.69 -1.32 0.00	56.03 -1.26 0.00	54.65 -1.29 0.00	55.03 -1.30 0.00	55.55 -1.31 0.00	59.70 -1.53 0.00	79.02 -1.94 0.00	104.40 -2.46 0.00	91.71 -2.26 0.00	82.58 -2.03 0.00	67.53 -1.66 0.00	60.24 -1.74 0.00	52.42 -1.34 0.00	48.42 -1.29 0.00
E_CANADA_CAP_HY 24051	46.41 0.41 0.00	45.88 0.63 0.00	43.00 0.55 0.00	42.51 0.46 0.00	45.39 0.76 0.00	50.23 1.13 0.00	66.42 1.43 0.00	76.49 1.42 0.00	63.70 0.06 0.00	59.30 -0.66 0.00	59.59 -0.42 0.00	56.78 -0.52 0.00	55.48 -0.45 0.00	56.10 -0.22 0.00	57.09 0.23 0.00	62.08 0.86 0.00	82.50 1.53 0.00	108.89 2.03 0.00	96.03 2.06 0.00	86.05 1.44 0.00	70.50 1.31 0.00	63.46 1.48 0.00	54.68 0.91 0.00	50.36 0.64 0.00
E_CANADA_MHWK_HY 24050	48.57 2.57 0.00	47.78 2.53 0.00	44.74 2.29 0.00	44.28 2.23 0.00	47.04 2.41 0.00	51.70 2.60 0.00	68.50 3.51 0.00	78.89 3.83 0.00	66.75 3.12 0.00	62.66 2.70 0.00	62.89 2.88 0.00	59.87 2.58 0.00	58.39 2.46 0.00	58.75 2.42 0.00	59.36 2.50 0.00	63.86 2.63 0.00	84.77 3.81 0.00	111.99 5.13 0.00	98.66 4.70 0.00	89.01 4.40 0.00	72.85 3.66 0.00	65.38 3.41 0.00	56.67 2.90 0.00	52.45 2.73 0.00
E_FISHKILL___LBMP 23776	48.30 2.30 0.00	47.46 2.22 0.00	44.41 1.95 0.00	43.94 1.89 0.00	46.82 2.19 0.00	51.70 2.60 0.00	68.37 3.38 0.00	79.04 3.98 0.00	67.07 3.44 0.00	63.31 3.36 0.00	63.43 3.42 0.00	60.67 3.38 0.00	59.46 3.52 0.00	59.93 3.61 0.00	60.67 3.81 0.00	65.51 4.29 0.00	86.39 5.42 0.00	113.59 6.73 0.00	99.89 5.92 0.00	89.78 5.16 0.00	73.06 3.87 0.00	65.69 3.72 0.00	56.51 2.74 0.00	52.20 2.49 0.00
FALCON___SEABRD_CC1 323796	45.03 -0.97 0.00	44.29 -0.95 0.00	41.56 -0.89 0.00	41.21 -0.84 0.00	43.83 -0.80 0.00	47.28 -1.82 0.00	62.13 -2.86 0.00	71.98 -3.08 0.00	60.77 -2.86 0.00	57.08 -2.88 0.00	56.95 -3.06 0.00	54.20 -3.09 0.00	52.86 -3.08 0.00	53.46 -2.87 0.00	53.96 -2.90 0.00	58.11 -3.12 0.00	76.75 -4.21 0.00	101.74 -5.13 0.00	89.46 -4.51 0.00	80.47 -4.14 0.00	65.80 -3.39 0.00	58.82 -3.16 0.00	51.40 -2.36 0.00	48.38 -1.34 0.00
FALCON___SEABRD_CC2 323797	45.03 -0.97 0.00	44.29 -0.95 0.00	41.56 -0.89 0.00	41.21 -0.84 0.00	43.83 -0.80 0.00	47.28 -1.82 0.00	62.13 -2.86 0.00	71.98 -3.08 0.00	60.77 -2.86 0.00	57.08 -2.88 0.00	56.95 -3.06 0.00	54.20 -3.09 0.00	52.86 -3.08 0.00	53.46 -2.87 0.00	53.96 -2.90 0.00	58.11 -3.12 0.00	76.75 -4.21 0.00	101.74 -5.13 0.00	89.46 -4.51 0.00	80.47 -4.14 0.00	65.80 -3.39 0.00	58.82 -3.16 0.00	51.40 -2.36 0.00	48.38 -1.34 0.00

FAR ROCKAWAY___4 23548	49.96 3.96 0.00	48.86 3.62 0.00	45.64 3.18 0.00	45.16 3.11 0.00	48.16 3.53 0.00	53.52 4.42 0.00	68.69 3.70 0.01	79.48 4.43 0.01	67.71 4.07 0.00	64.09 4.14 0.00	64.33 4.32 0.00	63.43 6.13 -0.01	62.21 6.21 -0.07	62.79 6.31 -0.15	63.37 6.43 -0.09	68.20 6.98 0.01	89.63 8.66 0.00	117.55 10.69 0.00	103.74 9.77 0.00	93.16 8.55 0.00	75.14 5.95 0.00	67.86 5.89 0.00	58.07 4.30 0.00	54.04 4.33 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	49.17 3.17 0.00	48.28 3.03 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.62 2.99 0.00	52.63 3.54 0.00	69.54 4.55 -0.01	80.39 5.33 0.00	68.28 4.65 0.00	64.58 4.62 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.41 4.81 -1.66	62.45 4.90 -1.22	62.71 5.12 -0.74	66.99 5.69 -0.07	88.17 7.21 0.00	115.84 8.98 0.00	101.86 7.89 0.00	91.47 6.85 0.00	74.24 5.05 0.00	66.95 4.96 -0.01	57.48 3.71 -0.01	53.10 3.38 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	49.22 3.22 0.00	48.28 3.03 0.00	45.13 2.67 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.63 3.54 0.00	69.54 4.55 -0.01	80.39 5.33 0.00	68.28 4.65 0.00	64.58 4.62 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.41 4.81 -1.66	62.45 4.90 -1.22	62.71 5.12 -0.74	66.99 5.69 -0.07	88.17 7.21 0.00	115.95 9.08 0.00	101.86 7.89 0.00	91.47 6.85 0.00	74.24 5.05 0.00	67.01 5.02 -0.01	57.54 3.76 -0.01	53.15 3.43 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	49.17 3.17 0.00	48.28 3.03 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.63 3.54 0.00	69.48 4.48 -0.01	80.39 5.33 0.00	68.28 4.65 0.00	64.58 4.62 -0.01	64.65 4.62 -0.02	62.26 4.64 -0.33	62.35 4.75 -1.66	62.39 4.84 -1.22	62.66 5.06 -0.74	66.93 5.63 -0.07	88.09 7.13 0.00	115.84 8.98 0.00	101.86 7.89 0.00	91.38 6.77 0.00	74.17 4.98 0.00	66.95 4.96 -0.01	57.48 3.71 -0.01	53.10 3.38 0.00
FARRAGUT___LBMP 323566	49.13 3.13 0.00	48.23 2.99 0.00	45.04 2.59 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.59 3.49 0.00	69.41 4.42 -0.01	80.32 5.25 0.00	68.22 4.58 0.00	64.52 4.56 -0.01	64.59 4.56 -0.02	62.21 4.58 -0.33	62.29 4.70 -1.66	62.39 4.84 -1.22	62.60 5.00 -0.74	66.87 5.57 -0.07	88.01 7.04 0.00	115.73 8.87 0.00	101.77 7.80 0.00	91.38 6.77 0.00	74.17 4.98 0.00	66.88 4.90 -0.01	57.43 3.66 -0.01	53.05 3.33 0.00
FENNER___WINDPWR 24204	46.78 0.78 0.00	46.01 0.77 0.00	43.17 0.72 0.00	42.72 0.67 0.00	45.34 0.71 0.00	49.98 0.88 0.00	66.36 1.37 0.00	76.72 1.65 -0.01	64.91 1.27 0.00	61.04 1.08 0.00	61.09 1.08 0.00	58.16 0.86 0.00	56.78 0.84 -0.01	57.24 0.90 -0.01	57.77 0.91 -0.01	62.27 1.04 -0.01	82.59 1.62 -0.01	109.22 2.35 -0.01	95.95 1.98 -0.01	86.48 1.86 0.00	70.65 1.46 -0.01	63.10 1.12 -0.01	54.62 0.86 0.00	50.46 0.75 0.00
FIBERTEK___ENERGY 23856	45.49 -0.51 0.00	44.70 -0.54 0.00	41.94 -0.51 0.00	41.54 -0.50 0.00	44.00 -0.62 0.00	48.36 -0.74 0.00	64.14 -0.84 0.00	74.16 -0.90 0.00	63.00 -0.64 0.00	59.42 -0.54 0.00	59.41 -0.60 0.00	56.72 -0.57 0.00	55.37 -0.56 0.00	55.82 -0.51 0.00	56.29 -0.57 0.00	60.55 -0.67 0.00	80.16 -0.81 0.00	105.90 -0.96 0.00	93.03 -0.94 0.00	83.77 -0.85 0.00	68.50 -0.69 0.00	61.11 -0.87 0.00	53.12 -0.65 0.00	49.02 -0.70 0.00
FITZPATRICK___ 23598	44.30 -1.70 0.00	43.53 -1.72 0.00	40.88 -1.57 0.00	40.49 -1.55 0.00	42.89 -1.74 0.00	47.13 -1.97 0.00	62.39 -2.60 0.00	72.06 -3.00 0.00	61.22 -2.42 0.00	57.68 -2.28 0.00	57.79 -2.22 0.00	55.17 -2.12 0.00	53.87 -2.07 0.00	54.19 -2.14 0.00	54.70 -2.16 0.00	58.84 -2.39 0.00	77.73 -3.24 0.00	102.80 -4.06 0.00	90.30 -3.67 0.00	81.40 -3.22 0.00	66.49 -2.70 0.00	59.37 -2.60 0.00	51.67 -2.10 0.00	47.78 -1.94 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.71 2.71 0.00	47.91 2.67 0.00	44.83 2.38 0.00	44.32 2.27 0.00	47.26 2.63 0.00	52.19 3.09 0.00	69.15 4.16 0.00	80.02 4.95 0.00	67.77 4.14 0.00	64.03 4.08 0.00	64.03 4.02 0.00	61.30 4.01 0.00	60.13 4.20 0.00	60.55 4.22 0.00	61.18 4.32 0.00	66.12 4.90 0.00	87.36 6.40 0.00	114.98 8.12 0.00	101.11 7.14 0.00	90.71 6.09 0.00	73.89 4.70 0.00	66.38 4.40 0.00	57.10 3.33 0.00	52.70 2.98 0.00
FORT ORANGE___ 23900	46.92 0.92 0.00	46.29 1.04 0.00	43.47 1.02 0.00	43.06 1.01 0.00	45.70 1.07 0.00	50.37 1.27 0.00	66.81 1.82 0.00	77.16 2.10 0.00	65.16 1.52 0.00	61.33 1.38 0.00	61.51 1.50 0.00	58.78 1.49 0.00	57.44 1.51 0.00	57.90 1.58 0.00	58.56 1.70 0.00	63.13 1.90 0.00	83.88 2.91 0.00	109.75 2.89 0.00	96.69 2.73 0.00	86.81 2.20 0.00	71.12 1.93 0.00	63.71 1.73 0.00	55.22 1.45 0.00	51.01 1.29 0.00
FORT_DRUM_COGEN 23780	46.32 0.32 0.00	45.65 0.41 0.00	42.92 0.47 0.00	42.30 0.25 0.00	45.03 0.40 0.00	49.69 0.59 0.00	66.22 1.23 0.00	76.56 1.50 0.00	64.14 0.51 0.00	59.83 -0.12 0.00	59.83 -0.18 0.00	56.78 -0.52 0.00	55.43 -0.50 0.00	55.82 -0.51 0.00	56.23 -0.63 0.00	60.61 -0.61 0.00	80.72 -0.24 0.00	108.04 1.18 0.00	95.09 1.13 0.00	85.97 1.35 0.00	70.16 0.97 0.00	62.78 0.81 0.00	54.09 0.32 0.00	49.91 0.20 0.00
FOX_HILLS___ESR 323835	49.73 3.73 -0.01	48.74 3.48 -0.01	45.52 3.06 -0.01	45.04 2.99 -0.01	48.03 3.39 -0.01	53.04 3.93 -0.01	69.35 4.35 -0.01	79.79 4.73 0.00	68.02 4.39 0.00	64.29 4.32 -0.02	64.29 4.26 -0.02	61.53 3.90 -0.34	61.63 4.03 -1.67	61.72 4.17 -1.23	61.98 4.38 -0.74	66.21 4.90 -0.08	87.85 6.88 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.75 4.57 0.00	67.07 5.08 -0.02	57.70 3.93 -0.01	53.45 3.73 -0.01
FPL_FAR_ROCK_GT1 24212	49.96 3.96 0.00	48.91 3.66 0.00	45.55 3.10 0.00	45.24 3.19 0.00	48.15 3.52 0.00	53.67 4.57 0.00	69.08 4.10 0.01	79.64 4.58 0.01	67.83 4.20 0.00	64.45 4.50 0.00	64.45 4.44 0.00	63.54 6.25 -0.01	62.26 6.26 -0.07	62.79 6.31 -0.15	63.31 6.37 -0.09	67.65 6.43 0.00	89.47 8.50 0.00	117.55 10.69 0.00	103.65 9.68 0.00	92.74 8.12 0.00	75.06 5.88 0.00	67.98 6.01 0.00	58.18 4.41 0.00	53.74 4.03 0.00
FPL_FAR_ROCK_GT2 23815	49.96 3.96 0.00	48.91 3.66 0.00	45.55 3.10 0.00	45.24 3.19 0.00	48.15 3.52 0.00	53.67 4.57 0.00	69.08 4.10 0.01	79.64 4.58 0.01	67.83 4.20 0.00	64.45 4.50 0.00	64.45 4.44 0.00	63.54 6.25 -0.01	62.26 6.26 -0.07	62.79 6.31 -0.15	63.31 6.37 -0.09	67.65 6.43 0.00	89.47 8.50 0.00	117.55 10.69 0.00	103.65 9.68 0.00	92.74 8.12 0.00	75.06 5.88 0.00	67.98 6.01 0.00	58.18 4.41 0.00	53.74 4.03 0.00
FRANKLIN_FALL_HYD 24054	45.91 -0.09 0.00	45.15 -0.09 0.00	42.33 -0.13 0.00	41.97 -0.08 0.00	44.67 0.04 0.00	49.10 0.00 0.00	65.31 0.32 0.00	75.59 0.53 0.00	63.76 0.13 0.00	59.95 0.00 0.00	59.83 -0.18 0.00	56.89 -0.40 0.00	55.26 -0.67 0.00	55.20 -1.13 0.00	55.61 -1.25 0.00	59.88 -1.35 0.00	78.78 -2.19 0.00	104.94 -1.92 0.00	92.09 -1.88 0.00	83.26 -1.35 0.00	68.29 -0.90 0.00	61.60 -0.37 0.00	53.61 -0.16 0.00	49.67 -0.05 0.00

FREEMONT_EQUUS_GTI 23764	49.63 3.63 0.00	48.59 3.35 0.00	45.25 2.80 0.00	44.91 2.86 0.00	47.84 3.22 0.00	53.32 4.22 0.00	68.62 3.64 0.01	79.11 4.05 0.01	67.39 3.75 0.00	63.97 4.02 0.00	63.91 3.90 0.00	62.91 5.62 0.00	61.71 5.71 -0.07	62.30 5.86 -0.11	62.84 5.91 -0.06	67.23 6.00 0.00	88.91 7.94 0.00	116.90 10.04 0.00	103.08 9.11 0.00	92.23 7.62 0.00	74.65 5.46 0.00	67.61 5.64 0.00	57.80 4.03 0.00	53.39 3.68 0.00
FREEPORT___CT2 23818	49.63 3.63 0.00	48.59 3.35 0.00	45.25 2.80 0.00	44.91 2.86 0.00	47.84 3.22 0.00	53.32 4.22 0.00	68.62 3.64 0.01	79.11 4.05 0.01	67.39 3.75 0.00	63.97 4.02 0.00	63.91 3.90 0.00	62.91 5.62 0.00	61.71 5.71 -0.07	62.30 5.86 -0.11	62.84 5.91 -0.06	67.23 6.00 0.00	88.91 7.94 0.00	116.90 10.04 0.00	103.08 9.11 0.00	92.23 7.62 0.00	74.65 5.46 0.00	67.61 5.64 0.00	57.80 4.03 0.00	53.39 3.68 0.00
FRESHKLS_33_KV_LOAD 356253	49.92 3.91 -0.01	48.87 3.62 -0.01	45.60 3.14 -0.01	45.17 3.11 -0.01	48.12 3.48 -0.01	53.13 4.03 -0.01	69.35 4.35 -0.01	79.72 4.65 0.00	67.96 4.33 0.00	64.23 4.26 -0.02	64.17 4.14 -0.02	61.41 3.78 -0.34	61.52 3.92 -1.67	61.61 4.06 -1.23	61.87 4.26 -0.74	66.08 4.78 -0.08	87.85 6.88 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.82 4.64 0.00	67.07 5.08 -0.02	57.70 3.93 -0.01	53.50 3.78 -0.01
FULTON COGEN____ 23766	44.67 -1.33 0.00	43.89 -1.36 0.00	41.18 -1.27 0.00	40.83 -1.22 0.00	43.25 -1.38 0.00	47.53 -1.57 0.00	62.97 -2.01 0.00	72.81 -2.25 0.00	61.85 -1.78 0.00	58.28 -1.68 0.00	58.33 -1.68 0.00	55.69 -1.60 0.00	54.37 -1.57 0.00	54.75 -1.58 0.00	55.27 -1.59 0.00	59.39 -1.84 0.00	78.62 -2.35 0.00	103.87 -2.99 0.00	91.34 -2.63 0.00	82.25 -2.37 0.00	67.25 -1.94 0.00	60.05 -1.92 0.00	52.15 -1.61 0.00	48.17 -1.54 0.00
FULTON___LFGE 323630	47.29 1.29 0.00	46.74 1.49 0.00	43.85 1.40 0.00	43.35 1.30 0.00	46.23 1.60 0.00	51.16 2.06 0.00	67.85 2.86 0.00	78.07 3.01 0.00	65.03 1.40 0.00	60.43 0.48 0.00	60.49 0.48 0.00	57.64 0.35 0.00	56.33 0.39 0.00	56.95 0.62 0.00	58.05 1.20 0.00	63.19 1.96 0.00	84.45 3.48 0.00	111.25 4.38 0.00	98.10 4.13 0.00	87.91 3.30 0.00	72.03 2.84 0.00	64.58 2.60 0.00	55.65 1.88 0.00	51.31 1.59 0.00
G.F.CEMENT___DRP 24184	48.67 2.67 0.00	48.14 2.90 0.00	45.17 2.72 0.00	44.66 2.61 0.00	46.64 2.01 0.00	51.46 2.36 0.00	68.30 3.31 0.00	78.82 3.75 0.00	66.31 2.67 0.00	62.23 2.28 0.00	62.23 2.22 0.00	59.58 2.29 0.00	58.17 2.24 0.00	58.53 2.20 0.00	59.36 2.50 0.00	63.98 2.76 0.00	85.34 4.37 0.00	111.89 5.02 0.00	98.66 4.70 0.00	88.34 3.72 0.00	72.58 3.39 0.00	64.64 2.66 0.00	56.08 2.31 0.00	51.80 2.09 0.00
GARDENVILLE___LBMP 24039	43.79 -2.21 0.00	42.85 -2.40 0.00	39.99 -2.46 0.00	39.99 -2.06 0.00	41.51 -3.12 0.00	45.02 -4.08 0.00	58.23 -6.76 0.00	66.49 -8.56 0.02	56.89 -6.75 0.00	54.38 -5.58 0.00	54.49 -5.52 0.00	51.67 -5.61 0.01	50.15 -5.76 0.02	50.56 -5.75 0.02	50.98 -5.86 0.02	54.53 -6.67 0.02	72.36 -8.58 0.02	94.98 -11.86 0.02	83.33 -10.62 0.02	74.79 -9.82 0.01	61.21 -7.96 0.02	54.71 -7.25 0.02	48.39 -5.38 0.00	44.99 -4.72 0.00
GARDNVLA_35_KV_LD 355827	44.11 -1.89 0.00	43.16 -2.08 0.00	40.33 -2.12 0.00	40.28 -1.77 0.00	41.91 -2.72 0.00	45.47 -3.63 0.00	58.88 -6.11 0.00	67.32 -7.73 0.02	57.59 -6.05 0.00	55.10 -4.86 0.00	55.27 -4.74 0.00	52.41 -4.87 0.01	50.83 -5.09 0.02	51.30 -5.01 0.02	51.72 -5.12 0.02	55.39 -5.82 0.02	73.42 -7.53 0.02	96.27 -10.58 0.02	84.37 -9.58 0.02	75.72 -8.88 0.01	61.98 -7.20 0.02	55.33 -6.63 0.02	48.98 -4.79 0.00	45.54 -4.18 0.00
GELCKHM___115KV_LOAD 80723	45.17 -0.83 0.00	44.39 -0.86 0.00	41.65 -0.81 0.00	41.25 -0.80 0.00	43.69 -0.94 0.00	48.07 -1.03 0.00	63.62 -1.36 0.00	73.49 -1.58 0.00	62.49 -1.15 0.00	58.94 -1.02 0.00	58.99 -1.02 0.00	56.32 -0.97 0.00	54.93 -1.01 0.00	55.37 -0.96 0.00	55.84 -1.02 0.00	60.00 -1.22 0.00	79.43 -1.54 0.00	104.94 -1.92 0.00	92.18 -1.79 0.00	83.09 -1.52 0.00	67.87 -1.31 0.00	60.61 -1.36 0.00	52.69 -1.08 0.00	48.67 -1.04 0.00
GENERAL___MILLS 23808	43.98 -2.02 0.00	43.03 -2.22 0.00	40.16 -2.29 0.00	40.16 -1.89 0.00	41.73 -2.90 0.00	45.27 -3.83 0.00	58.62 -6.37 0.00	66.94 -8.11 0.02	57.27 -6.36 0.00	54.80 -5.16 0.00	54.91 -5.10 0.00	52.07 -5.21 0.01	50.60 -5.31 0.02	51.02 -5.29 0.02	51.50 -5.34 0.02	55.09 -6.12 0.02	73.01 -7.93 0.02	95.73 -11.11 0.02	83.89 -10.05 0.02	75.30 -9.31 0.01	61.63 -7.54 0.02	55.08 -6.88 0.02	48.71 -5.05 0.00	45.34 -4.37 0.00
GE_PLASTICS___DRP 24183	46.83 0.83 0.00	46.06 0.81 0.00	43.34 0.89 0.00	42.89 0.84 0.00	45.52 0.89 0.00	50.13 1.03 0.00	66.42 1.43 0.00	76.71 1.65 0.00	64.91 1.27 0.00	61.15 1.20 0.00	61.27 1.26 0.00	58.67 1.38 0.00	57.33 1.40 0.00	57.79 1.46 0.00	58.45 1.59 0.00	63.00 1.78 0.00	83.40 2.43 0.00	109.32 2.46 0.00	96.22 2.26 0.00	86.48 1.86 0.00	70.78 1.59 0.00	63.34 1.36 0.00	54.90 1.13 0.00	50.81 1.09 0.00
GILBOA___1 23756	47.06 1.06 0.00	46.33 1.08 0.00	43.60 1.15 0.00	43.19 1.14 0.00	45.88 1.25 0.00	50.43 1.33 0.00	66.81 1.82 0.00	77.16 2.10 0.00	65.35 1.72 0.00	61.63 1.68 0.00	61.69 1.68 0.00	59.01 1.72 0.00	57.67 1.74 0.00	58.13 1.80 0.00	58.73 1.87 0.00	63.31 2.08 0.00	83.72 2.75 0.00	109.64 2.77 0.00	96.41 2.44 0.00	86.73 2.12 0.00	71.12 1.93 0.00	63.83 1.86 0.00	55.16 1.40 0.00	50.91 1.19 0.00
GILBOA___2 23757	47.06 1.06 0.00	46.33 1.08 0.00	43.60 1.15 0.00	43.19 1.14 0.00	45.88 1.25 0.00	50.43 1.33 0.00	66.81 1.82 0.00	77.16 2.10 0.00	65.35 1.72 0.00	61.63 1.68 0.00	61.69 1.68 0.00	59.01 1.72 0.00	57.67 1.74 0.00	58.13 1.80 0.00	58.73 1.87 0.00	63.31 2.08 0.00	83.72 2.75 0.00	109.64 2.77 0.00	96.41 2.44 0.00	86.73 2.12 0.00	71.12 1.93 0.00	63.83 1.86 0.00	55.16 1.40 0.00	50.91 1.19 0.00
GILBOA___3 23758	47.06 1.06 0.00	46.33 1.08 0.00	43.60 1.15 0.00	43.19 1.14 0.00	45.88 1.25 0.00	50.43 1.33 0.00	66.81 1.82 0.00	77.16 2.10 0.00	65.35 1.72 0.00	61.63 1.68 0.00	61.69 1.68 0.00	59.01 1.72 0.00	57.67 1.74 0.00	58.13 1.80 0.00	58.73 1.87 0.00	63.31 2.08 0.00	83.72 2.75 0.00	109.64 2.77 0.00	96.41 2.44 0.00	86.73 2.12 0.00	71.12 1.93 0.00	63.83 1.86 0.00	55.16 1.40 0.00	50.91 1.19 0.00
GILBOA___4 23759	47.06 1.06 0.00	46.33 1.08 0.00	43.60 1.15 0.00	43.19 1.14 0.00	45.88 1.25 0.00	50.43 1.33 0.00	66.81 1.82 0.00	77.16 2.10 0.00	65.35 1.72 0.00	61.63 1.68 0.00	61.69 1.68 0.00	59.01 1.72 0.00	57.67 1.74 0.00	58.13 1.80 0.00	58.73 1.87 0.00	63.31 2.08 0.00	83.72 2.75 0.00	109.64 2.77 0.00	96.41 2.44 0.00	86.73 2.12 0.00	71.12 1.93 0.00	63.83 1.86 0.00	55.16 1.40 0.00	50.91 1.19 0.00

GILBOA____ 23599	47.10 1.10 0.00	46.47 1.22 0.00	43.60 1.15 0.00	43.18 1.14 0.00	45.88 1.25 0.00	50.38 1.28 0.00	66.68 1.69 0.00	77.09 2.03 0.00	65.29 1.65 0.00	61.57 1.62 0.00	61.63 1.62 0.00	58.95 1.66 0.00	57.67 1.73 0.00	58.13 1.80 0.00	58.73 1.88 0.00	63.37 2.14 0.00	83.80 2.83 0.00	109.64 2.78 0.00	96.50 2.54 0.00	86.73 2.12 0.00	71.12 1.94 0.00	63.77 1.80 0.00	55.11 1.34 0.00	50.96 1.24 0.00
GINNA____ 23603	42.96 -3.04 0.00	42.03 -3.21 0.00	39.48 -2.97 0.00	39.06 -2.98 0.00	41.10 -3.53 0.00	45.02 -4.07 0.00	59.14 -5.85 0.00	68.00 -7.06 0.00	58.35 -5.28 0.00	55.28 -4.68 0.00	55.51 -4.50 0.00	53.05 -4.24 0.00	51.62 -4.31 0.00	51.65 -4.67 0.01	51.96 -4.89 0.01	55.71 -5.51 0.01	73.11 -7.85 0.01	97.88 -8.98 0.01	85.60 -8.36 0.01	77.33 -7.28 0.00	62.95 -6.23 0.01	55.77 -6.20 0.01	49.09 -4.68 0.00	45.69 -4.03 0.00
GLEN PARK____ 23778	46.46 0.46 0.00	45.79 0.54 0.00	43.05 0.59 0.00	42.43 0.38 0.00	45.12 0.49 0.00	49.84 0.74 0.00	66.42 1.43 0.00	76.79 1.73 0.00	64.27 0.64 0.00	59.90 -0.06 0.00	59.89 -0.12 0.00	56.83 -0.46 0.00	55.48 -0.45 0.00	55.88 -0.45 0.00	56.35 -0.51 0.00	60.80 -0.43 0.00	80.97 0.00 0.00	108.57 1.70 0.00	95.66 1.69 0.00	86.47 1.86 0.00	70.71 1.52 0.00	63.03 1.05 0.00	54.25 0.48 0.00	50.07 0.35 0.00
GLENDALE_27_KV_LOAD 356172	49.60 3.59 -0.01	48.65 3.39 -0.01	45.43 2.97 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.81 4.81 -0.01	80.47 5.40 0.00	68.53 4.90 0.00	64.83 4.86 -0.02	64.95 4.92 -0.02	62.51 4.81 -0.40	62.83 4.87 -2.03	62.83 5.01 -1.49	62.99 5.23 -0.90	67.07 5.76 -0.09	88.42 7.45 0.00	116.16 9.30 0.00	102.05 8.08 0.00	91.64 7.02 0.00	74.31 5.12 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.55 3.83 -0.01
GLENWOOD_IC_1_G5 23712	49.31 3.31 0.00	48.32 3.08 0.00	45.13 2.67 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.83 3.73 0.00	68.69 3.70 0.00	79.41 4.35 0.00	67.58 3.95 0.00	63.97 4.02 0.00	64.09 4.08 0.00	62.40 5.10 0.00	61.20 5.20 -0.07	61.85 5.35 -0.17	62.41 5.46 -0.10	67.22 6.00 0.01	88.50 7.53 0.00	116.16 9.30 0.00	102.33 8.36 0.00	91.89 7.28 0.00	74.31 5.12 0.00	67.06 5.08 0.00	57.48 3.71 0.00	53.34 3.63 0.00
GLENWOOD_IC_2_G1 23688	49.08 3.08 0.00	48.18 2.94 0.00	44.91 2.46 0.00	44.53 2.48 0.00	47.44 2.81 0.00	52.64 3.54 0.00	68.89 3.90 0.00	79.57 4.50 0.00	67.64 4.01 0.00	64.09 4.13 0.00	64.09 4.08 0.00	62.00 4.70 -0.01	60.75 4.75 -0.07	61.15 4.90 0.08	61.82 5.00 0.05	66.42 5.20 0.01	87.77 6.80 0.00	115.41 8.55 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.96 4.77 0.00	66.87 4.89 0.00	57.31 3.55 0.00	52.85 3.13 0.00
GLENWOOD_IC_3_G1 23689	49.08 3.08 0.00	48.18 2.94 0.00	44.91 2.46 0.00	44.53 2.48 0.00	47.44 2.81 0.00	52.64 3.54 0.00	68.89 3.90 0.00	79.57 4.50 0.00	67.64 4.01 0.00	64.09 4.13 0.00	64.09 4.08 0.00	62.00 4.70 -0.01	60.75 4.75 -0.07	61.15 4.90 0.08	61.82 5.00 0.05	66.42 5.20 0.01	87.77 6.80 0.00	115.41 8.55 0.00	101.57 7.61 0.00	91.13 6.52 0.00	73.96 4.77 0.00	66.87 4.89 0.00	57.31 3.55 0.00	52.85 3.13 0.00
GLENWOOD____4 23550	49.31 3.31 0.00	48.32 3.08 0.00	45.13 2.67 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.83 3.73 0.00	68.69 3.70 0.00	79.41 4.35 0.00	67.58 3.95 0.00	63.97 4.02 0.00	64.09 4.08 0.00	62.40 5.10 0.00	61.20 5.20 -0.07	61.85 5.35 -0.17	62.41 5.46 -0.10	67.22 6.00 0.01	88.50 7.53 0.00	116.16 9.30 0.00	102.33 8.36 0.00	91.89 7.28 0.00	74.31 5.12 0.00	67.06 5.08 0.00	57.48 3.71 0.00	53.34 3.63 0.00
GLENWOOD____5 23614	49.31 3.31 0.00	48.32 3.08 0.00	45.13 2.67 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.83 3.73 0.00	68.69 3.70 0.00	79.41 4.35 0.00	67.58 3.95 0.00	63.97 4.02 0.00	64.09 4.08 0.00	62.40 5.10 0.00	61.20 5.20 -0.07	61.85 5.35 -0.17	62.41 5.46 -0.10	67.22 6.00 0.01	88.50 7.53 0.00	116.16 9.30 0.00	102.33 8.36 0.00	91.89 7.28 0.00	74.31 5.12 0.00	67.06 5.08 0.00	57.48 3.71 0.00	53.34 3.63 0.00
GLOBAL GREEN_PORT_GT1 23814	49.77 3.77 0.00	48.64 3.40 0.00	45.30 2.84 0.00	45.04 2.99 0.00	47.93 3.30 0.00	53.67 4.57 0.00	67.65 2.67 0.01	77.61 2.55 0.01	66.37 2.73 0.00	63.25 3.30 0.00	62.89 2.88 0.00	61.88 4.59 0.00	60.75 4.75 -0.07	61.51 5.13 -0.06	62.40 5.51 -0.03	66.98 5.75 0.00	88.57 7.61 0.00	117.22 10.16 -0.20	103.18 9.21 0.00	91.72 7.11 0.00	74.10 4.91 0.00	68.09 5.58 -0.53	57.64 3.87 0.00	53.69 3.98 0.00
GLOBE____DSASP 323697	42.60 -3.40 0.00	41.67 -3.57 0.00	39.35 -3.10 0.00	38.94 -3.11 0.00	40.93 -3.70 0.00	43.85 -5.25 0.00	56.35 -8.64 0.00	64.24 -10.81 0.01	55.23 -8.40 0.00	52.94 -7.01 0.00	53.05 -6.96 0.00	50.47 -6.82 0.01	48.76 -7.16 0.01	49.05 -7.27 0.01	49.40 -7.45 0.01	51.97 -9.25 0.01	69.05 -11.90 0.01	91.46 -15.39 0.01	79.67 -14.28 0.01	72.17 -12.44 0.01	59.21 -9.96 0.01	52.73 -9.23 0.01	47.10 -6.67 0.00	43.90 -5.82 0.00
GOETHSLN____LBMP 323567	48.94 2.94 0.00	48.05 2.81 0.00	44.87 2.42 0.00	44.45 2.40 0.00	47.40 2.77 0.00	52.39 3.29 0.00	69.22 4.22 -0.01	80.09 5.03 0.00	67.96 4.33 0.00	64.28 4.32 -0.01	64.41 4.38 -0.02	62.03 4.41 -0.33	62.13 4.53 -1.66	62.22 4.68 -1.22	62.48 4.89 -0.74	66.75 5.45 -0.07	87.69 6.72 0.00	115.30 8.44 0.00	101.39 7.42 0.00	91.05 6.43 0.00	73.89 4.70 0.00	66.70 4.71 -0.01	57.21 3.44 -0.01	52.90 3.18 0.00
GOLAH____69_KV_TB 1_2 80279	44.85 -1.15 0.00	43.89 -1.36 0.00	41.09 -1.36 0.00	40.96 -1.09 0.00	42.93 -1.70 0.00	46.89 -2.21 0.00	61.09 -3.90 0.00	70.03 -5.03 0.01	60.01 -3.63 0.00	57.14 -2.82 0.00	57.31 -2.70 0.00	54.65 -2.64 0.00	52.85 -3.08 0.01	53.05 -3.27 0.01	53.44 -3.41 0.01	56.56 -4.65 0.01	74.97 -5.99 0.01	100.12 -6.73 0.01	87.47 -6.48 0.01	79.20 -5.42 0.00	64.75 -4.43 0.01	57.63 -4.34 0.01	50.81 -2.96 0.00	47.18 -2.54 0.00
GOODYEAR_LAKE_HYD 323669	47.20 1.20 0.00	46.51 1.27 0.00	43.60 1.15 0.00	43.14 1.09 0.00	45.92 1.29 0.00	50.62 1.52 0.00	67.07 2.08 0.00	77.54 2.48 0.00	65.61 1.97 0.00	61.75 1.80 0.00	61.87 1.86 0.00	58.95 1.66 0.00	57.61 1.68 0.00	58.13 1.80 0.00	58.73 1.88 0.00	63.49 2.27 0.00	84.04 3.08 0.00	110.92 4.06 0.00	97.44 3.48 0.00	87.58 2.96 0.00	71.54 2.35 0.00	64.08 2.11 0.00	55.27 1.51 0.00	51.01 1.29 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.09 0.09 0.00	45.25 0.00 0.00	42.41 -0.04 0.00	42.09 0.04 0.00	44.50 -0.13 0.00	48.90 -0.20 0.00	64.60 -0.39 0.00	74.53 -0.53 0.00	63.25 -0.38 0.00	59.72 -0.24 0.00	59.77 -0.24 0.00	56.95 -0.34 0.00	55.59 -0.34 0.00	56.04 -0.28 0.00	56.63 -0.23 0.00	61.04 -0.18 0.00	80.80 -0.16 0.00	106.43 -0.43 0.00	93.59 -0.38 0.00	84.11 -0.51 0.00	68.77 -0.42 0.00	61.48 -0.50 0.00	53.39 -0.38 0.00	49.37 -0.35 0.00

GOUDEY___7 23579	46.09 0.09 0.00	45.25 0.00 0.00	42.41 -0.04 0.00	42.09 0.04 0.00	44.50 -0.13 0.00	48.90 -0.20 0.00	64.60 -0.39 0.00	74.53 -0.53 0.00	63.25 -0.38 0.00	59.72 -0.24 0.00	59.77 -0.24 0.00	56.95 -0.34 0.00	55.59 -0.34 0.00	56.04 -0.28 0.00	56.63 -0.23 0.00	61.04 -0.18 0.00	80.80 -0.16 0.00	106.43 -0.43 0.00	93.59 -0.38 0.00	84.11 -0.51 0.00	68.77 -0.42 0.00	61.48 -0.50 0.00	53.39 -0.38 0.00	49.37 -0.35 0.00
GOUDEY___8 23580	46.09 0.09 0.00	45.25 0.00 0.00	42.41 -0.04 0.00	42.09 0.04 0.00	44.50 -0.13 0.00	48.90 -0.20 0.00	64.60 -0.39 0.00	74.53 -0.53 0.00	63.25 -0.38 0.00	59.72 -0.24 0.00	59.77 -0.24 0.00	56.95 -0.34 0.00	55.59 -0.34 0.00	56.04 -0.28 0.00	56.63 -0.23 0.00	61.04 -0.18 0.00	80.80 -0.16 0.00	106.43 -0.43 0.00	93.59 -0.38 0.00	84.11 -0.51 0.00	68.77 -0.42 0.00	61.48 -0.50 0.00	53.39 -0.38 0.00	49.37 -0.35 0.00
GOWANUS_GT1_1 24077	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.90 4.18 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.47 4.66 -0.95	66.52 5.20 -0.09	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
GOWANUS_GT1_2 24078	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.90 4.18 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.47 4.66 -0.95	66.52 5.20 -0.09	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
GOWANUS_GT1_3 24079	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.90 4.18 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.47 4.66 -0.95	66.52 5.20 -0.09	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
GOWANUS_GT1_4 24080	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.90 4.18 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.47 4.66 -0.95	66.52 5.20 -0.09	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
GOWANUS_GT1_5 24084	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.90 4.18 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.47 4.66 -0.95	66.52 5.20 -0.09	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
GOWANUS_GT1_6 24111	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.9																				

GOWANUS_GT2_6 24119	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
GOWANUS_GT2_7 24120	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
GOWANUS_GT2_8 24121	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
GOWANUS_GT3_1 24122	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
GOWANUS_GT3_2 24123	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
GOWANUS_GT3_3 24124	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
GOWANUS_GT3_4 24125	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
GOWANUS_GT3_5 24126	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99																				

GOWANUS_GT4_5 24134	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.83 4.18 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.31 4.66 -0.78	66.51 5.20 -0.08	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
GOWANUS_GT4_6 24135	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.83 4.18 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.31 4.66 -0.78	66.51 5.20 -0.08	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
GOWANUS_GT4_7 24136	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.83 4.18 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.31 4.66 -0.78	66.51 5.20 -0.08	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
GOWANUS_GT4_8 24137	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.83 4.18 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.31 4.66 -0.78	66.51 5.20 -0.08	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
GREATVR_69_KV_BK1 356245	50.19 4.19 0.00	49.00 3.76 0.00	45.76 3.31 0.00	45.33 3.28 0.00	48.33 3.70 0.00	53.91 4.81 0.00	68.43 3.44 0.01	79.03 3.98 0.01	67.52 3.88 0.00	63.91 3.96 0.00	63.97 3.96 0.00	63.02 5.73 0.00	61.87 5.87 -0.07	62.59 6.20 -0.07	63.38 6.48 -0.04	68.45 7.22 0.01	90.03 9.07 0.00	118.55 11.54 -0.15	104.40 10.43 0.00	93.58 8.97 0.00	75.28 6.09 0.00	68.75 6.38 -0.39	58.34 4.57 0.00	54.44 4.72 0.00
GREENBSH_115KV_TB3 55895	46.74 0.74 0.00	45.97 0.72 0.00	43.30 0.85 0.00	42.85 0.80 0.00	45.48 0.85 0.00	50.08 0.98 0.00	66.42 1.43 0.00	76.71 1.65 0.00	64.84 1.21 0.00	61.09 1.14 0.00	61.27 1.26 0.00	58.67 1.38 0.00	57.39 1.45 0.00	57.85 1.52 0.00	58.51 1.65 0.00	63.00 1.78 0.00	83.48 2.51 0.00	109.21 2.35 0.00	96.22 2.26 0.00	86.39 1.78 0.00	70.71 1.52 0.00	63.28 1.30 0.00	54.90 1.13 0.00	50.86 1.14 0.00
GREENDGE_115KV_TB5 80291	45.72 -0.28 0.00	44.79 -0.45 0.00	41.90 -0.55 0.00	41.71 -0.34 0.00	43.74 -0.89 0.00	47.92 -1.18 0.00	62.52 -2.47 0.00	71.39 -3.60 0.07	60.83 -2.80 0.00	57.32 -2.64 0.00	56.95 -3.06 0.00	53.87 -3.38 0.04	52.56 -3.30 0.07	52.99 -3.27 0.07	53.54 -3.24 0.07	58.03 -3.12 0.07	77.33 -3.56 0.07	104.54 -2.24 0.07	92.20 -1.69 0.07	82.72 -1.86 0.04	67.38 -1.73 0.07	59.98 -1.92 0.07	52.26 -1.51 0.00	48.27 -1.44 0.00
GREENIDGE___3 23582	45.72 -0.28 0.00	44.79 -0.45 0.00	41.90 -0.55 0.00	41.71 -0.34 0.00	43.74 -0.89 0.00	47.92 -1.18 0.00	62.52 -2.47 0.00	71.39 -3.60 0.07	60.83 -2.80 0.00	57.32 -2.64 0.00	56.95 -3.06 0.00	53.87 -3.38 0.04	52.56 -3.30 0.07	52.99 -3.27 0.07	53.54 -3.24 0.07	58.03 -3.12 0.07	77.33 -3.56 0.07	104.54 -2.24 0.07	92.20 -1.69 0.07	82.72 -1.86 0.04	67.38 -1.73 0.07	59.98 -1.92 0.07	52.26 -1.51 0.00	48.27 -1.44 0.00
GREENIDGE___4 23583	45.95 -0.05 0.00	45.06 -0.18 0.00	42.11 -0.34 0.00	41.80 -0.25 0.00	43.78 -0.85 0.00	47.97 -1.13 0.00	62.65 -2.34 0.00	71.39 -3.60 0.07	61.02 -2.61 0.00	57.44 -2.52 0.00	57.07 -2.94 0.00	53.99 -3.26 0.04	53.35 -2.52 0.07	53.61 -2.65 0.07	53.94 -2.84 0.07	57.90 -3.25 0.07	77.33 -3.56 0.07	104.33 -2.45 0.07	91.82 -2.07 0.07	83.06 -1.52 0.04	67.39 -1.73 0.07	60.10 -1.80 0.07	52.32 -1.45 0.00	48.52 -1.19 0.00
GREENLWN_69_KV_BK 3 55738	49.22 3.22 0.00	48.10 2.85 0.00	44.96 2.50 0.00	44.49 2.44 0.00	47.44 2.81 0.00	52.83 3.73 0.00	66.87 1.88 0.01	77.38 2.33 0.01	66.05 2.42 0.00	62.65 2.70 0.00	62.65 2.64 0.00	61.88 4.58 0.00	60.75 4.75 -0.07	61.35 4.96 -0.06	61.90 5.00 -0.04	66.73 5.51 0.01	87.61 6.64 0.00	114.81 8.12 0.18	101.58 7.61 0.00	91.05 6.43 0.00	73.34 4.15 0.00	65.97 4.46 0.47	56.89 3.12 0.00	53.25 3.53 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.90 4.18 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.47 4.66 -0.95	66.52 5.20 -0.09	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
GRISSOM___SOLAR 323813	47.43 1.43 0.00	46.87 1.63 0.00	43.94 1.49 0.00	43.48 1.43 0.00	46.37 1.74 0.00	51.26 2.16 0.00	67.98 2.99 0.00	78.21 3.15 0.00	65.16 1.52 0.00	60.62 0.66 0.00	60.55 0.54 0.00	57.75 0.46 0.00	56.44 0.50 0.00	57.06 0.73 0.00	58.17 1.31 0.00	63.31 2.08 0.00	84.69 3.73 0.00	111.45 4.59 0.00	98.29 4.32 0.00	88.09 3.47 0.00	72.16 2.97 0.00	64.70 2.72 0.00	55.81 2.04 0.00	51.41 1.69 0.00
GROVEVILLE___HYD 323602	48.71 2.71 0.00	47.91 2.67 0.00	44.83 2.38 0.00	44.32 2.27 0.00	47.26 2.63 0.00	52.19 3.09 0.00	69.15 4.16 0.00	80.02 4.95 0.00	67.77 4.14 0.00	64.03 4.08 0.00	64.03 4.02 0.00	61.30 4.01 0.00	60.13 4.20 0.00	60.55 4.22 0.00	61.18 4.32 0.00	66.12 4.90 0.00	87.36 6.40 0.00	114.98 8.12 0.00	101.11 7.14 0.00	90.71 6.09 0.00	73.89 4.70 0.00	66.38 4.40 0.00	57.10 3.33 0.00	52.70 2.98 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.49 -0.51 0.00	44.70 -0.54 0.00	41.94 -0.51 0.00	41.54 -0.50 0.00	44.00 -0.62 0.00	48.36 -0.74 0.00	64.14 -0.84 0.00	74.16 -0.90 0.00	63.00 -0.64 0.00	59.42 -0.54 0.00	59.41 -0.60 0.00	56.72 -0.57 0.00	55.37 -0.56 0.00	55.82 -0.51 0.00	56.29 -0.57 0.00	60.55 -0.67 0.00	80.16 -0.81 0.00	105.90 -0.96 0.00	93.03 -0.94 0.00	83.77 -0.85 0.00	68.50 -0.69 0.00	61.11 -0.87 0.00	53.12 -0.65 0.00	49.02 -0.70 0.00
HAMLTNNY_34_KV_TB 80303	45.54 -0.46 0.00	44.75 -0.50 0.00	41.94 -0.51 0.00	41.59 -0.46 0.00	44.00 -0.62 0.00	48.41 -0.69 0.00	64.14 -0.84 0.00	74.16 -0.90 0.00	63.00 -0.64 0.00	59.42 -0.54 0.00	59.47 -0.54 0.00	56.72 -0.57 0.00	55.37 -0.56 0.00	55.77 -0.56 0.00	56.29 -0.57 0.00	60.49 -0.73 0.00	80.08 -0.89 0.00	105.90 -0.96 0.00	93.03 -0.94 0.00	83.77 -0.85 0.00	68.43 -0.76 0.00	61.05 -0.93 0.00	53.12 -0.65 0.00	49.02 -0.70 0.00

HAMPSHIRE___PAPER_HYD 323593	46.23 0.23 0.00	45.52 0.27 0.00	42.75 0.30 0.00	42.26 0.21 0.00	44.94 0.31 0.00	49.49 0.39 0.00	65.64 0.65 0.00	75.89 0.83 0.00	63.63 0.00 0.00	59.54 -0.42 0.00	59.53 -0.48 0.00	56.66 -0.63 0.00	55.26 -0.67 0.00	55.60 -0.73 0.00	55.95 -0.91 0.00	60.06 -1.17 0.00	79.51 -1.46 0.00	105.90 -0.96 0.00	93.12 -0.85 0.00	84.19 -0.42 0.00	69.05 -0.14 0.00	62.04 0.06 0.00	53.77 0.00 0.00	49.77 0.05 0.00
HARDSCRABBLE_WT_PWR 323673	47.93 1.93 0.00	47.15 1.90 0.00	44.19 1.74 0.00	43.69 1.64 0.00	46.42 1.79 0.00	51.07 1.97 0.00	67.65 2.67 0.00	77.91 2.85 0.00	65.92 2.29 0.00	61.87 1.92 0.00	62.05 2.04 0.00	59.01 1.72 0.00	57.56 1.62 0.00	57.96 1.63 0.00	58.56 1.70 0.00	63.06 1.84 0.00	83.63 2.67 0.00	110.60 3.74 0.00	97.44 3.48 0.00	87.91 3.30 0.00	71.96 2.77 0.00	64.58 2.60 0.00	55.97 2.21 0.00	51.75 2.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.53 2.53 0.00	47.69 2.44 0.00	44.62 2.17 0.00	44.15 2.10 0.00	47.04 2.41 0.00	52.00 2.90 0.00	68.82 3.83 0.00	79.57 4.50 0.00	67.45 3.82 0.00	63.73 3.78 0.00	63.79 3.78 0.00	61.07 3.78 0.00	59.85 3.92 0.00	60.27 3.94 0.00	60.95 4.09 0.00	65.82 4.59 0.00	86.96 5.99 0.00	114.45 7.59 0.00	100.64 6.67 0.00	90.37 5.75 0.00	73.55 4.36 0.00	66.13 4.15 0.00	56.89 3.12 0.00	52.50 2.78 0.00
HARSNRAD_115KV_TB1 81005	43.65 -2.35 0.00	42.71 -2.53 0.00	39.74 -2.72 0.00	39.95 -2.10 0.00	41.33 -3.30 0.00	44.73 -4.37 0.00	57.71 -7.28 0.00	65.82 -9.23 0.01	56.51 -7.13 0.00	54.08 -5.88 0.00	54.25 -5.76 0.00	51.56 -5.73 0.01	49.82 -6.10 0.01	50.18 -6.14 0.01	50.53 -6.31 0.01	53.38 -7.84 0.01	70.91 -10.04 0.01	93.92 -12.93 0.01	81.92 -12.03 0.01	74.12 -10.49 0.01	60.66 -8.51 0.01	54.09 -7.87 0.01	48.12 -5.65 0.00	44.79 -4.92 0.00
HARZA MOOSE___RIVER 24016	46.78 0.78 0.00	46.06 0.81 0.00	43.26 0.81 0.00	42.72 0.67 0.00	45.48 0.85 0.00	50.13 1.03 0.00	66.61 1.62 0.00	77.01 1.95 0.00	64.52 0.89 0.00	60.49 0.54 0.00	60.55 0.54 0.00	57.58 0.29 0.00	56.27 0.34 0.00	56.67 0.34 0.00	57.20 0.34 0.00	61.59 0.37 0.00	81.86 0.89 0.00	108.68 1.82 0.00	95.47 1.50 0.00	86.14 1.52 0.00	70.29 1.11 0.00	63.03 1.05 0.00	54.41 0.65 0.00	50.21 0.50 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.17 -0.83 0.00	44.39 -0.86 0.00	41.65 -0.81 0.00	41.25 -0.80 0.00	43.69 -0.94 0.00	48.07 -1.03 0.00	63.56 -1.43 0.00	73.49 -1.58 0.00	62.49 -1.15 0.00	58.88 -1.08 0.00	58.99 -1.02 0.00	56.26 -1.03 0.00	54.93 -1.01 0.00	55.37 -0.96 0.00	55.84 -1.02 0.00	60.06 -1.16 0.00	79.43 -1.54 0.00	104.94 -1.92 0.00	92.18 -1.79 0.00	83.01 -1.61 0.00	67.87 -1.31 0.00	60.55 -1.43 0.00	52.69 -1.08 0.00	48.67 -1.04 0.00
HELLGATE_13_KV_LD 55870	49.64 3.63 -0.01	48.74 3.48 -0.01	45.52 3.06 -0.01	45.08 3.03 -0.01	48.07 3.44 -0.01	53.08 3.98 -0.01	69.81 4.81 -0.01	80.47 5.40 0.00	68.53 4.90 0.00	64.83 4.86 -0.02	64.95 4.92 -0.02	62.51 4.81 -0.40	62.88 4.92 -2.03	62.88 5.07 -1.49	62.99 5.23 -0.90	67.13 5.82 -0.09	88.33 7.37 0.00	116.05 9.19 0.00	101.95 7.99 0.00	91.55 6.94 0.00	74.24 5.05 0.00	67.32 5.33 -0.02	57.97 4.19 -0.01	53.60 3.88 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.64 3.63 -0.01	48.74 3.48 -0.01	45.52 3.06 -0.01	45.08 3.03 -0.01	48.07 3.44 -0.01	53.08 3.98 -0.01	69.81 4.81 -0.01	80.47 5.40 0.00	68.53 4.90 0.00	64.83 4.86 -0.02	64.95 4.92 -0.02	62.51 4.81 -0.40	62.88 4.92 -2.03	62.88 5.07 -1.49	62.99 5.23 -0.90	67.13 5.82 -0.09	88.33 7.37 0.00	116.05 9.19 0.00	101.95 7.99 0.00	91.55 6.94 0.00	74.24 5.05 0.00	67.32 5.33 -0.02	57.97 4.19 -0.01	53.60 3.88 -0.01
HEMPSTEAD____ 23647	49.27 3.27 0.00	48.23 2.99 0.00	44.96 2.50 0.00	44.61 2.57 0.00	47.53 2.90 0.00	52.88 3.78 0.00	68.36 3.38 0.01	78.81 3.75 0.01	67.13 3.50 0.00	63.73 3.78 0.00	63.67 3.66 0.00	62.45 5.16 0.00	61.26 5.26 -0.07	61.82 5.35 -0.14	62.39 5.46 -0.08	66.73 5.51 0.00	88.17 7.20 0.00	115.94 9.08 0.00	102.14 8.17 0.00	91.47 6.85 0.00	74.10 4.91 0.00	67.06 5.08 0.00	57.37 3.60 0.00	53.00 3.28 0.00
HICKLING___1 23621	44.76 -1.24 0.00	43.80 -1.45 0.00	40.97 -1.49 0.00	40.87 -1.18 0.00	42.71 -1.92 0.00	46.60 -2.50 0.00	61.09 -3.90 0.00	69.99 -5.03 0.05	59.50 -4.14 0.00	56.48 -3.48 0.00	56.41 -3.60 0.00	53.37 -3.90 0.03	52.08 -3.80 0.05	52.45 -3.83 0.05	53.00 -3.81 0.05	57.26 -3.92 0.05	75.90 -5.02 0.05	99.97 -6.84 0.05	88.00 -5.92 0.05	79.01 -5.58 0.03	64.50 -4.64 0.05	57.59 -4.34 0.05	50.38 -3.39 0.00	46.68 -3.03 0.00
HICKLING___2 23622	44.76 -1.24 0.00	43.80 -1.45 0.00	40.97 -1.49 0.00	40.87 -1.18 0.00	42.71 -1.92 0.00	46.60 -2.50 0.00	61.09 -3.90 0.00	69.99 -5.03 0.05	59.50 -4.14 0.00	56.48 -3.48 0.00	56.41 -3.60 0.00	53.37 -3.90 0.03	52.08 -3.80 0.05	52.45 -3.83 0.05	53.00 -3.81 0.05	57.26 -3.92 0.05	75.90 -5.02 0.05	99.97 -6.84 0.05	88.00 -5.92 0.05	79.01 -5.58 0.03	64.50 -4.64 0.05	57.59 -4.34 0.05	50.38 -3.39 0.00	46.68 -3.03 0.00
HIGH FALLS___HY 23754	48.81 2.81 0.00	48.01 2.76 0.00	44.87 2.42 0.00	44.40 2.35 0.00	47.35 2.72 0.00	52.34 3.24 0.00	69.34 4.35 0.00	80.24 5.18 0.00	68.02 4.39 0.00	64.21 4.26 0.00	64.03 4.02 0.00	61.19 3.90 0.00	60.02 4.08 0.00	60.44 4.11 0.00	61.12 4.26 0.00	66.12 4.90 0.00	87.52 6.56 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.22 6.60 0.00	74.17 4.98 0.00	66.69 4.71 0.00	57.26 3.49 0.00	52.80 3.08 0.00
HIGH_RIVER___SOLAR 323847	47.24 1.24 0.00	46.65 1.40 0.00	43.77 1.32 0.00	43.27 1.22 0.00	46.15 1.52 0.00	50.97 1.87 0.00	67.59 2.60 0.00	77.76 2.70 0.00	64.78 1.15 0.00	60.32 0.36 0.00	60.31 0.30 0.00	57.52 0.23 0.00	56.21 0.28 0.00	56.78 0.45 0.00	57.88 1.02 0.00	62.88 1.65 0.00	84.12 3.15 0.00	110.92 4.06 0.00	97.82 3.85 0.00	87.75 3.13 0.00	71.82 2.63 0.00	64.33 2.35 0.00	55.54 1.77 0.00	51.21 1.49 0.00
HILLBURN___GT 23639	48.53 2.53 0.00	47.78 2.53 0.00	44.57 2.12 0.00	44.19 2.14 0.00	47.04 2.41 0.00	52.05 2.95 0.00	68.89 3.90 0.00	79.72 4.66 0.00	67.52 3.88 0.00	63.91 3.96 0.00	63.91 3.90 0.00	61.13 3.84 0.00	59.85 3.91 0.00	60.33 4.00 0.00	60.95 4.10 0.00	65.69 4.47 0.00	86.72 5.75 0.00	114.34 7.48 0.00	100.44 6.48 0.00	90.29 5.67 0.00	73.48 4.29 0.00	66.19 4.22 0.00	56.88 3.12 0.00	52.40 2.68 0.00
HILLSIDE_115KV_TB1 80332	44.11 -1.89 0.00	43.21 -2.04 0.00	40.42 -2.04 0.00	40.33 -1.72 0.00	42.17 -2.45 0.00	46.01 -3.09 0.00	60.31 -4.68 0.00	69.09 -5.93 0.04	58.61 -5.03 0.00	55.70 -4.26 0.00	55.63 -4.38 0.00	52.63 -4.64 0.02	51.41 -4.47 0.04	51.78 -4.51 0.05	52.32 -4.49 0.05	56.59 -4.59 0.05	74.93 -5.99 0.05	98.48 -8.34 0.05	86.68 -7.24 0.05	77.82 -6.77 0.02	63.61 -5.53 0.05	56.85 -5.08 0.05	49.73 -4.03 0.00	46.09 -3.63 0.00

HISHELDN_WT_PWR 323625	44.02 -1.98 0.00	43.07 -2.17 0.00	40.29 -2.16 0.00	39.86 -2.19 0.00	41.33 -3.30 0.00	44.78 -4.32 0.00	58.10 -6.89 0.00	66.18 -8.86 0.02	56.70 -6.93 0.00	53.96 -5.99 0.00	54.01 -6.00 0.00	51.21 -6.07 0.01	49.76 -6.15 0.02	49.72 -6.59 0.02	50.24 -6.59 0.02	54.16 -7.04 0.02	71.79 -9.15 0.02	94.65 -12.19 0.02	82.95 -10.99 0.02	75.13 -9.48 0.01	61.00 -8.16 0.02	54.39 -7.56 0.02	48.07 -5.70 0.00	45.14 -4.57 0.00
HOLTSVILLE_IC_1 23690	49.45 3.45 0.00	48.36 3.12 0.00	45.00 2.55 0.00	44.74 2.69 0.00	47.62 2.99 0.00	53.22 4.12 0.00	67.58 2.60 0.01	77.53 2.47 0.01	66.43 2.80 0.00	63.37 3.42 0.00	62.77 2.76 0.00	61.93 4.64 0.00	60.81 4.81 -0.07	61.46 5.07 -0.06	62.12 5.23 -0.03	66.42 5.20 0.00	87.68 6.72 0.00	115.73 8.65 -0.21	101.86 7.89 0.00	90.88 6.26 0.00	73.62 4.43 0.00	67.74 5.21 -0.56	57.53 3.76 0.00	53.30 3.58 0.00
HOLTSVILLE_IC_10 23699	49.68 3.68 0.00	48.55 3.30 0.00	45.21 2.76 0.00	44.91 2.86 0.00	47.84 3.22 0.00	53.47 4.37 0.00	67.91 2.93 0.01	77.83 2.78 0.01	66.69 3.05 0.00	63.61 3.66 0.00	63.07 3.06 0.00	62.16 4.87 0.00	61.04 5.04 -0.07	61.74 5.35 -0.06	62.41 5.51 -0.03	66.79 5.57 0.00	88.26 7.29 0.00	116.44 9.41 -0.17	102.52 8.55 0.00	91.47 6.85 0.00	73.96 4.77 0.00	68.07 5.64 -0.46	57.91 4.14 0.00	53.60 3.88 0.00
HOLTSVILLE_IC_2 23691	49.45 3.45 0.00	48.36 3.12 0.00	45.00 2.55 0.00	44.74 2.69 0.00	47.62 2.99 0.00	53.22 4.12 0.00	67.58 2.60 0.01	77.53 2.47 0.01	66.43 2.80 0.00	63.37 3.42 0.00	62.77 2.76 0.00	61.93 4.64 0.00	60.81 4.81 -0.07	61.46 5.07 -0.06	62.12 5.23 -0.03	66.42 5.20 0.00	87.68 6.72 0.00	115.73 8.65 -0.21	101.86 7.89 0.00	90.88 6.26 0.00	73.62 4.43 0.00	67.74 5.21 -0.56	57.53 3.76 0.00	53.30 3.58 0.00
HOLTSVILLE_IC_3 23692	49.45 3.45 0.00	48.36 3.12 0.00	45.00 2.55 0.00	44.74 2.69 0.00	47.62 2.99 0.00	53.22 4.12 0.00	67.58 2.60 0.01	77.53 2.47 0.01	66.43 2.80 0.00	63.37 3.42 0.00	62.77 2.76 0.00	61.93 4.64 0.00	60.81 4.81 -0.07	61.46 5.07 -0.06	62.12 5.23 -0.03	66.42 5.20 0.00	87.68 6.72 0.00	115.73 8.65 -0.21	101.86 7.89 0.00	90.88 6.26 0.00	73.62 4.43 0.00	67.74 5.21 -0.56	57.53 3.76 0.00	53.30 3.58 0.00
HOLTSVILLE_IC_4 23693	49.45 3.45 0.00	48.36 3.12 0.00	45.00 2.55 0.00	44.74 2.69 0.00	47.62 2.99 0.00	53.22 4.12 0.00	67.58 2.60 0.01	77.53 2.47 0.01	66.43 2.80 0.00	63.37 3.42 0.00	62.77 2.76 0.00	61.93 4.64 0.00	60.81 4.81 -0.07	61.46 5.07 -0.06	62.12 5.23 -0.03	66.42 5.20 0.00	87.68 6.72 0.00	115.73 8.65 -0.21	101.86 7.89 0.00	90.88 6.26 0.00	73.62 4.43 0.00	67.74 5.21 -0.56	57.53 3.76 0.00	53.30 3.58 0.00
HOLTSVILLE_IC_5 23694	49.45 3.45 0.00	48.36 3.12 0.00	45.00 2.55 0.00	44.74 2.69 0.00	47.62 2.99 0.00	53.22 4.12 0.00	67.58 2.60 0.01	77.53 2.47 0.01	66.43 2.80 0.00	63.37 3.42 0.00	62.77 2.76 0.00	61.93 4.64 0.00	60.81 4.81 -0.07	61.46 5.07 -0.06	62.12 5.23 -0.03	66.42 5.20 0.00	87.68 6.72 0.00	115.73 8.65 -0.21	101.86 7.89 0.00	90.88 6.26 0.00	73.62 4.43 0.00	67.74 5.21 -0.56	57.53 3.76 0.00	53.30 3.58 0.00
HOLTSVILLE_IC_6 23695	49.68 3.68 0.00	48.55 3.30 0.00	45.21 2.76 0.00	44.91 2.86 0.00	47.84 3.22 0.00	53.47 4.37 0.00	67.91 2.93 0.01	77.83 2.78 0.01	66.69 3.05 0.00	63.61 3.66 0.00	63.07 3.06 0.00	62.16 4.87 0.00	61.04 5.04 -0.07	61.74 5.35 -0.06	62.41 5.51 -0.03	66.79 5.57 0.00	88.26 7.29 0.00	116.44 9.41 -0.17	102.52 8.55 0.00	91.47 6.85 0.00	73.96 4.77 0.00	68.07 5.64 -0.46	57.91 4.14 0.00	53.60 3.88 0.00
HOLTSVILLE_IC_7 23696	49.68 3.68 0.00	48.55 3.30 0.00	45.21 2.76 0.00	44.91 2.86 0.00	47.84 3.22 0.00	53.47 4.37 0.00	67.91 2.93 0.01	77.83 2.78 0.01	66.69 3.05 0.00	63.61 3.66 0.00	63.07 3.06 0.00	62.16 4.87 0.00	61.04 5.04 -0.07	61.74 5.35 -0.06	62.41 5.51 -0.03	66.79 5.57 0.00	88.26 7.29 0.00	116.44 9.41 -0.17	102.52 8.55 0.00	91.47 6.85 0.00	73.96 4.77 0.00	68.07 5.64 -0.46	57.91 4.14 0.00	53.60 3.88 0.00
HOLTSVILLE_IC_8 23697	49.68 3.68 0.00	48.55 3.30 0.00	45.21 2.76 0.00	44.91 2.86 0.00	47.84 3.22 0.00	53.47 4.37 0.00	67.91 2.93 0.01	77.83 2.78 0.01	66.69 3.05 0.00	63.61 3.66 0.00	63.07 3.06 0.00	62.16 4.87 0.00	61.04 5.04 -0.07	61.74 5.35 -0.06	62.41 5.51 -0.03	66.79 5.57 0.00	88.26 7.29 0.00	116.44 9.41 -0.17	102.52 8.55 0.00	91.47 6.85 0.00	73.96 4.77 0.00	68.07 5.64 -0.46	57.91 4.14 0.00	53.60 3.88 0.00
HOLTSVILLE_IC_9 23698	49.68 3.68 0.00	48.55 3.30 0.00	45.21 2.76 0.00	44.91 2.86 0.00	47.84 3.22 0.00	53.47 4.37 0.00	67.91 2.93 0.01	77.83 2.78 0.01	66.69 3.05 0.00	63.61 3.66 0.00	63.07 3.06 0.00	62.16 4.87 0.00	61.04 5.04 -0.07	61.74 5.35 -0.06	62.41 5.51 -0.03	66.79 5.57 0.00	88.26 7.29 0.00	116.44 9.41 -0.17	102.52 8.55 0.00	91.47 6.85 0.00	73.96 4.77 0.00	68.07 5.64 -0.46	57.91 4.14 0.00	53.60 3.88 0.00
HOMER_HL_115KV_TB2 355744	43.98 -2.02 0.00	43.03 -2.22 0.00	40.20 -2.25 0.00	40.16 -1.89 0.00	41.91 -2.72 0.00	45.66 -3.44 0.00	59.72 -5.26 0.00	68.29 -6.76 0.02	57.84 -5.79 0.00	55.10 -4.86 0.00	55.21 -4.80 0.00	52.13 -5.16 0.01	51.22 -4.70 0.02	51.75 -4.56 0.02	52.40 -4.43 0.02	57.72 -3.49 0.02	76.09 -4.86 0.02	97.55 -9.30 0.02	86.34 -7.61 0.02	76.57 -8.04 0.01	62.73 -6.43 0.02	56.50 -5.45 0.02	49.14 -4.62 0.00	45.59 -4.13 0.00
HOWARD_WT_PWR 323690	44.02 -1.98 0.00	43.07 -2.17 0.00	40.24 -2.21 0.00	39.78 -2.27 0.00	41.24 -3.39 0.00	44.83 -4.27 0.00	58.69 -6.30 0.00	66.98 -8.03 0.05	56.95 -6.68 0.00	53.78 -6.17 0.00	53.53 -6.48 0.00	50.56 -6.70 0.03	49.17 -6.71 0.05	49.24 -7.04 0.05	49.81 -7.00 0.05	53.89 -7.29 0.05	71.93 -8.99 0.05	95.59 -11.22 0.05	84.05 -9.87 0.05	76.05 -8.54 0.03	61.66 -7.47 0.05	54.99 -6.94 0.05	48.39 -5.38 0.00	45.14 -4.57 0.00
HQ_GEN_CEDARS 23644	46.60 0.60 0.00	45.88 0.63 0.00	43.01 0.55 0.00	42.60 0.55 0.00	45.30 0.67 0.00	49.84 0.74 0.00	66.03 1.04 0.00	76.26 1.20 0.00	64.40 0.76 0.00	60.61 0.66 0.00	60.61 0.60 0.00	57.69 0.40 0.00	56.21 0.28 0.00	56.39 0.06 0.00	56.80 -0.06 0.00	61.10 -0.12 0.00	80.48 -0.49 0.00	106.97 0.11 0.00	93.97 0.00 0.00	84.87 0.25 0.00	69.53 0.35 0.00	62.66 0.68 0.00	54.47 0.70 0.00	50.46 0.75 0.00
HQ_GEN_CEDARS_PROXY 323590	46.60 0.60 0.00	45.88 0.63 0.00	43.00 0.55 0.00	42.59 0.55 0.00	45.30 0.67 0.00	49.74 0.64 0.00	65.77 0.78 0.00	76.04 0.97 0.00	64.27 0.64 0.00	60.43 0.48 0.00	60.37 0.36 0.00	57.58 0.29 0.00	56.10 0.17 0.00	56.33 0.00 0.00	56.80 -0.06 0.00	61.04 -0.18 0.00	80.56 -0.40 0.00	106.97 0.11 0.00	93.97 0.00 0.00	84.87 0.25 0.00	69.54 0.35 0.00	62.47 0.49 0.00	54.36 0.59 0.00	50.46 0.75 0.00

HQ_GEN_IMPORT 323601	45.95 -0.05 0.00	45.20 -0.05 0.00	42.41 -0.04 0.00	42.01 -0.04 0.00	44.63 0.00 0.00	49.05 -0.05 0.00	64.86 -0.13 0.00	74.91 -0.15 0.00	63.44 -0.19 0.00	59.72 -0.24 0.00	59.77 -0.24 0.00	57.01 -0.29 0.00	55.60 -0.33 0.00	55.99 -0.34 0.00	56.46 -0.40 0.00	60.80 -0.43 0.00	80.32 -0.65 0.00	106.44 -0.43 0.00	93.50 -0.47 0.00	84.28 -0.34 0.00	68.98 -0.21 0.00	61.85 -0.12 0.00	53.71 -0.05 0.00	49.77 0.05 0.00
HQ_GEN_WHEEL 23651	45.95 -0.05 0.00	45.20 -0.05 0.00	42.41 -0.04 0.00	42.01 -0.04 0.00	44.63 0.00 0.00	49.05 -0.05 0.00	64.86 -0.13 0.00	74.91 -0.15 0.00	63.44 -0.19 0.00	59.72 -0.24 0.00	59.77 -0.24 0.00	57.01 -0.29 0.00	55.60 -0.33 0.00	55.99 -0.34 0.00	56.46 -0.40 0.00	60.80 -0.43 0.00	80.32 -0.65 0.00	106.44 -0.43 0.00	93.50 -0.47 0.00	84.28 -0.34 0.00	68.98 -0.21 0.00	61.85 -0.12 0.00	53.71 -0.05 0.00	49.77 0.05 0.00
HUDSON AVE_GT_3 23810	49.17 3.17 0.00	48.28 3.03 0.00	45.09 2.63 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.63 3.54 0.00	69.54 4.55 -0.01	80.47 5.40 0.00	68.28 4.65 0.00	64.58 4.62 -0.01	64.65 4.62 -0.02	62.32 4.70 -0.33	62.41 4.81 -1.66	62.45 4.90 -1.22	62.71 5.12 -0.74	66.99 5.69 -0.07	88.17 7.21 0.00	115.95 9.08 0.00	101.95 7.99 0.00	91.47 6.85 0.00	74.24 5.05 0.00	67.01 5.02 -0.01	57.54 3.76 -0.01	53.15 3.43 0.00
HUDSON AVE_GT_4 23540	49.17 3.17 0.00	48.28 3.03 0.00	45.09 2.63 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.63 3.54 0.00	69.54 4.55 -0.01	80.47 5.40 0.00	68.28 4.65 0.00	64.58 4.62 -0.01	64.65 4.62 -0.02	62.32 4.70 -0.33	62.41 4.81 -1.66	62.45 4.90 -1.22	62.71 5.12 -0.74	66.99 5.69 -0.07	88.17 7.21 0.00	115.95 9.08 0.00	101.95 7.99 0.00	91.47 6.85 0.00	74.24 5.05 0.00	67.01 5.02 -0.01	57.54 3.76 -0.01	53.15 3.43 0.00
HUDSON AVE_GT_5 23657	49.17 3.17 0.00	48.28 3.03 0.00	45.09 2.63 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.63 3.54 0.00	69.54 4.55 -0.01	80.47 5.40 0.00	68.28 4.65 0.00	64.58 4.62 -0.01	64.65 4.62 -0.02	62.32 4.70 -0.33	62.41 4.81 -1.66	62.45 4.90 -1.22	62.71 5.12 -0.74	66.99 5.69 -0.07	88.17 7.21 0.00	115.95 9.08 0.00	101.95 7.99 0.00	91.47 6.85 0.00	74.24 5.05 0.00	67.01 5.02 -0.01	57.54 3.76 -0.01	53.15 3.43 0.00
HUDSON_AVE_10 24168	49.04 3.04 0.00	48.14 2.90 0.00	44.96 2.50 0.00	44.49 2.44 0.00	47.49 2.86 0.00	52.49 3.39 0.00	69.35 4.35 -0.01	80.32 5.25 0.00	68.15 4.52 0.00	64.52 4.56 -0.02	64.59 4.56 -0.02	62.32 4.70 -0.33	62.41 4.81 -1.66	62.45 4.90 -1.22	62.71 5.12 -0.74	66.93 5.63 -0.07	88.01 7.04 0.00	115.73 8.87 0.00	101.77 7.80 0.00	91.38 6.77 0.00	74.10 4.91 0.00	66.88 4.90 -0.01	57.38 3.60 -0.01	53.00 3.28 0.00
HUDSON___115KV_TB 4 355613	47.47 1.47 0.00	46.74 1.49 0.00	43.98 1.53 0.00	43.52 1.47 0.00	46.24 1.61 0.00	50.97 1.87 0.00	67.65 2.66 0.00	78.14 3.08 0.00	65.86 2.23 0.00	61.81 1.86 0.00	61.75 1.74 0.00	59.07 1.78 0.00	57.78 1.85 0.00	58.19 1.86 0.00	58.91 2.05 0.00	63.68 2.45 0.00	84.77 3.81 0.00	111.35 4.49 0.00	98.19 4.23 0.00	88.00 3.38 0.00	72.09 2.91 0.00	64.39 2.42 0.00	55.81 2.04 0.00	51.60 1.89 0.00
HUNTER MOUNT___DRP 323613	47.52 1.52 0.00	46.78 1.54 0.00	44.02 1.57 0.00	43.52 1.47 0.00	46.28 1.65 0.00	50.97 1.87 0.00	67.78 2.79 0.00	78.29 3.23 0.00	65.92 2.29 0.00	61.81 1.86 0.00	61.69 1.68 0.00	59.07 1.78 0.00	57.72 1.79 0.00	58.13 1.80 0.00	58.85 1.99 0.00	63.68 2.45 0.00	84.85 3.89 0.00	111.56 4.70 0.00	98.38 4.42 0.00	88.08 3.47 0.00	72.16 2.98 0.00	64.52 2.54 0.00	55.86 2.10 0.00	51.65 1.94 0.00
HUNTINGTON_RES_REC 323705	49.36 3.36 0.00	48.28 3.03 0.00	44.96 2.50 0.00	44.70 2.65 0.00	47.57 2.94 0.00	53.13 4.03 0.00	67.45 2.47 0.01	77.53 2.47 0.01	66.31 2.67 0.00	63.19 3.24 0.00	62.71 2.70 0.00	61.93 4.64 0.00	60.75 4.75 -0.07	61.40 5.01 -0.06	62.07 5.17 -0.03	66.37 5.14 0.00	87.68 6.72 0.00	115.37 8.55 0.05	101.86 7.89 0.00	90.88 6.26 0.00	73.55 4.36 0.00	66.87 5.02 0.13	57.31 3.55 0.00	53.10 3.38 0.00
HUNTLEY___63 23557	43.79 -2.21 0.00	42.80 -2.44 0.00	40.12 -2.33 0.00	39.99 -2.06 0.00	41.68 -2.95 0.00	44.98 -4.12 0.00	58.10 -6.89 0.00	66.27 -8.78 0.01	56.89 -6.75 0.00	54.50 -5.46 0.00	54.67 -5.34 0.00	51.90 -5.39 0.01	50.21 -5.71 0.01	50.63 -5.69 0.01	50.93 -5.91 0.01	53.80 -7.41 0.01	71.32 -9.63 0.01	94.13 -12.72 0.01	82.21 -11.75 0.01	74.20 -10.41 0.01	60.80 -8.37 0.01	54.40 -7.56 0.01	48.44 -5.32 0.00	45.09 -4.62 0.00
HUNTLEY___64 23558	43.79 -2.21 0.00	42.80 -2.44 0.00	40.12 -2.33 0.00	39.99 -2.06 0.00	41.68 -2.95 0.00	44.98 -4.12 0.00	58.10 -6.89 0.00	66.27 -8.78 0.01	56.89 -6.75 0.00	54.50 -5.46 0.00	54.67 -5.34 0.00	51.90 -5.39 0.01	50.21 -5.71 0.01	50.63 -5.69 0.01	50.93 -5.91 0.01	53.80 -7.41 0.01	71.32 -9.63 0.01	94.13 -12.72 0.01	82.21 -11.75 0.01	74.20 -10.41 0.01	60.80 -8.37 0.01	54.40 -7.56 0.01	48.44 -5.32 0.00	45.09 -4.62 0.00
HUNTLEY___65 23559	43.79 -2.21 0.00	42.80 -2.44 0.00	40.12 -2.33 0.00	39.99 -2.06 0.00	41.68 -2.95 0.00	44.98 -4.12 0.00	58.10 -6.89 0.00	66.27 -8.78 0.01	56.89 -6.75 0.00	54.50 -5.46 0.00	54.67 -5.34 0.00	51.90 -5.39 0.01	50.21 -5.71 0.01	50.63 -5.69 0.01	50.93 -5.91 0.01	53.80 -7.41 0.01	71.32 -9.63 0.01	94.13 -12.72 0.01	82.21 -11.75 0.01	74.20 -10.41 0.01	60.80 -8.37 0.01	54.40 -7.56 0.01	48.44 -5.32 0.00	45.09 -4.62 0.00
HUNTLEY___66 23560	43.79 -2.21 0.00	42.80 -2.44 0.00	40.12 -2.33 0.00	39.99 -2.06 0.00	41.68 -2.95 0.00	44.98 -4.12 0.00	58.10 -6.89 0.00	66.27 -8.78 0.01	56.89 -6.75 0.00	54.50 -5.46 0.00	54.67 -5.34 0.00	51.90 -5.39 0.01	50.21 -5.71 0.01	50.63 -5.69 0.01	50.93 -5.91 0.01	53.80 -7.41 0.01	71.32 -9.63 0.01	94.13 -12.72 0.01	82.21 -11.75 0.01	74.20 -10.41 0.01	60.80 -8.37 0.01	54.40 -7.56 0.01	48.44 -5.32 0.00	45.09 -4.62 0.00
HUNTLEY___67 23561	43.56 -2.44 0.00	42.62 -2.62 0.00	39.82 -2.63 0.00	39.78 -2.27 0.00	41.42 -3.21 0.00	44.88 -4.22 0.00	57.91 -7.08 0.00	66.12 -8.93 0.01	56.63 -7.00 0.00	54.26 -5.70 0.00	54.37 -5.64 0.00	51.67 -5.61 0.01	49.99 -5.93 0.01	50.40 -5.91 0.02	50.76 -6.08 0.02	53.86 -7.35 0.02	71.48 -9.47 0.02	94.34 -12.50 0.02	82.49 -11.46 0.02	74.37 -10.24 0.01	60.94 -8.23 0.02	54.34 -7.62 0.02	48.23 -5.54 0.00	44.89 -4.82 0.00
HUNTLEY___68 23562	43.56 -2.44 0.00	42.62 -2.62 0.00	39.82 -2.63 0.00	39.78 -2.27 0.00	41.42 -3.21 0.00	44.88 -4.22 0.00	57.91 -7.08 0.00	66.12 -8.93 0.01	56.63 -7.00 0.00	54.26 -5.70 0.00	54.37 -5.64 0.00	51.67 -5.61 0.01	49.99 -5.93 0.01	50.40 -5.91 0.02	50.76 -6.08 0.02	53.86 -7.35 0.02	71.48 -9.47 0.02	94.34 -12.50 0.02	82.49 -11.46 0.02	74.37 -10.24 0.01	60.94 -8.23 0.02	54.34 -7.62 0.02	48.23 -5.54 0.00	44.89 -4.82 0.00

HYLAND___LFGE 323620	46.83 0.83 0.00	45.70 0.45 0.00	42.79 0.34 0.00	42.35 0.30 0.00	44.27 -0.36 0.00	48.41 -0.69 0.00	63.75 -1.24 0.00	75.10 0.08 0.04	63.25 -0.38 0.00	58.52 -1.44 0.00	57.79 -2.22 0.00	54.52 -2.75 0.02	52.77 -3.13 0.04	52.93 -3.38 0.02	53.53 -3.30 0.02	57.96 -3.25 0.02	74.54 -6.40 0.02	100.64 -6.20 0.02	88.68 -5.26 0.02	80.54 -4.06 0.01	65.36 -3.81 0.02	57.86 -4.09 0.02	52.64 -1.13 0.00	48.97 -0.74 0.00
INDECK___CORINTH 23802	47.06 1.06 0.00	46.56 1.31 0.00	43.69 1.23 0.00	43.19 1.14 0.00	46.06 1.43 0.00	50.82 1.72 0.00	67.46 2.47 0.00	77.84 2.78 0.00	65.54 1.91 0.00	61.51 1.56 0.00	61.51 1.50 0.00	58.89 1.60 0.00	57.50 1.56 0.00	57.79 1.46 0.00	58.56 1.70 0.00	63.06 1.84 0.00	84.12 3.15 0.00	110.18 3.32 0.00	97.16 3.20 0.00	87.07 2.46 0.00	71.61 2.42 0.00	63.90 1.92 0.00	55.44 1.67 0.00	51.11 1.39 0.00
INDECK___ILION 23567	47.20 1.20 0.00	46.42 1.18 0.00	43.51 1.06 0.00	43.06 1.01 0.00	45.75 1.12 0.00	50.33 1.23 0.00	66.61 1.62 0.00	76.94 1.88 0.00	65.10 1.46 0.00	61.21 1.26 0.00	61.39 1.38 0.00	58.50 1.20 0.00	57.11 1.17 0.00	57.51 1.18 0.00	58.05 1.19 0.00	62.57 1.35 0.00	82.91 1.94 0.00	109.43 2.56 0.00	96.32 2.35 0.00	86.73 2.12 0.00	70.92 1.73 0.00	63.59 1.61 0.00	55.11 1.34 0.00	50.96 1.24 0.00
INDECK___OLEAN 23982	44.25 -1.75 0.00	43.48 -1.77 0.00	40.46 -1.99 0.00	40.20 -1.85 0.00	41.95 -2.68 0.00	45.76 -3.34 0.00	59.92 -5.07 0.00	68.21 -6.83 0.02	58.16 -5.47 0.00	55.28 -4.68 0.00	55.39 -4.62 0.00	52.30 -4.98 0.01	50.83 -5.09 0.02	51.01 -5.30 0.02	52.01 -4.83 0.02	56.80 -4.41 0.02	76.17 -4.78 0.02	96.79 -10.05 0.02	85.02 -8.93 0.02	76.99 -7.62 0.01	62.59 -6.57 0.02	56.94 -5.02 0.02	49.20 -4.57 0.00	45.93 -3.78 0.00
INDECK___OSWEGO 23783	44.25 -1.75 0.00	43.48 -1.77 0.00	40.84 -1.61 0.00	40.41 -1.64 0.00	42.80 -1.83 0.00	47.13 -1.97 0.00	62.39 -2.60 0.00	72.06 -3.00 0.00	61.22 -2.42 0.00	57.68 -2.28 0.00	57.73 -2.28 0.00	55.12 -2.18 0.00	53.81 -2.13 0.00	54.19 -2.14 0.00	54.64 -2.22 0.00	58.84 -2.39 0.00	77.64 -3.32 0.00	102.80 -4.06 0.00	90.30 -3.67 0.00	81.49 -3.13 0.00	66.63 -2.56 0.00	59.43 -2.54 0.00	51.67 -2.10 0.00	47.73 -1.99 0.00
INDECK___YERKES 23781	44.25 -1.75 0.00	43.21 -2.04 0.00	40.63 -1.82 0.00	40.20 -1.85 0.00	41.64 -2.99 0.00	45.07 -4.03 0.00	58.23 -6.76 0.00	66.34 -8.71 0.01	57.14 -6.49 0.00	54.62 -5.34 0.00	54.85 -5.16 0.00	52.13 -5.16 0.01	50.55 -5.37 0.01	50.51 -5.80 0.01	50.93 -5.91 0.01	54.60 -6.61 0.01	71.80 -9.15 0.01	95.09 -11.76 0.01	83.24 -10.71 0.01	75.30 -9.31 0.01	61.28 -7.89 0.01	54.40 -7.56 0.01	48.50 -5.27 0.00	45.74 -3.98 0.00
INDIAN POINT_GT_1 24139	48.53 2.53 0.00	47.69 2.44 0.00	44.58 2.12 0.00	44.15 2.10 0.00	47.04 2.41 0.00	52.00 2.90 0.00	68.69 3.70 0.00	79.49 4.43 0.00	67.39 3.75 0.00	63.67 3.72 0.00	63.73 3.72 0.00	61.03 3.72 -0.01	59.84 3.86 -0.04	60.30 3.94 -0.03	60.97 4.09 -0.02	65.82 4.59 0.00	86.88 5.91 0.00	114.24 7.37 0.00	100.45 6.48 0.00	90.28 5.67 0.00	73.48 4.29 0.00	66.07 4.09 0.00	56.78 3.01 0.00	52.45 2.73 0.00
INDIAN POINT_GT_2 23659	48.53 2.53 0.00	47.69 2.44 0.00	44.58 2.12 0.00	44.15 2.10 0.00	47.04 2.41 0.00	52.00 2.90 0.00	68.69 3.70 0.00	79.49 4.43 0.00	67.39 3.75 0.00	63.67 3.72 0.00	63.73 3.72 0.00	61.03 3.72 -0.01	59.84 3.86 -0.04	60.30 3.94 -0.03	60.97 4.09 -0.02	65.82 4.59 0.00	86.88 5.91 0.00	114.24 7.37 0.00	100.45 6.48 0.00	90.28 5.67 0.00	73.48 4.29 0.00	66.07 4.09 0.00	56.78 3.01 0.00	52.45 2.73 0.00
INDIAN POINT_GT_3 24019	48.53 2.53 0.00	47.69 2.44 0.00	44.58 2.12 0.00	44.15 2.10 0.00	47.04 2.41 0.00	52.00 2.90 0.00	68.69 3.70 0.00	79.49 4.43 0.00	67.39 3.75 0.00	63.67 3.72 0.00	63.73 3.72 0.00	61.03 3.72 -0.01	59.84 3.86 -0.04	60.30 3.94 -0.03	60.97 4.09 -0.02	65.82 4.59 0.00	86.88 5.91 0.00	114.24 7.37 0.00	100.45 6.48 0.00	90.28 5.67 0.00	73.48 4.29 0.00	66.07 4.09 0.00	56.78 3.01 0.00	52.45 2.73 0.00
INDIAN POINT___2 23530	48.48 2.48 0.00	47.69 2.44 0.00	44.53 2.08 0.00	44.11 2.06 0.00	46.99 2.36 0.00	52.00 2.90 0.00	68.76 3.77 0.00	79.49 4.43 0.00	67.39 3.75 0.00	63.73 3.78 0.00	63.73 3.72 0.00	60.96 3.67 0.00	59.68 3.75 0.00	60.16 3.83 0.00	60.84 3.98 0.00	65.57 4.35 0.00	86.55 5.58 0.00	114.02 7.16 0.00	100.26 6.30 0.00	90.11 5.50 0.00	73.34 4.15 0.00	66.07 4.09 0.00	56.78 3.01 0.00	52.30 2.58 0.00
INDIAN POINT___3 23531	48.53 2.53 0.00	47.69 2.44 0.00	44.58 2.12 0.00	44.15 2.10 0.00	47.04 2.41 0.00	52.00 2.90 0.00	68.69 3.70 0.00	79.42 4.35 0.00	67.39 3.75 0.00	63.67 3.72 0.00	63.73 3.72 0.00	61.03 3.72 -0.01	59.84 3.86 -0.04	60.30 3.94 -0.03	60.97 4.09 -0.02	65.82 4.59 0.00	86.88 5.91 0.00	114.24 7.37 0.00	100.45 6.48 0.00	90.28 5.67 0.00	73.41 4.22 0.00	66.07 4.09 0.00	56.78 3.01 0.00	52.45 2.73 0.00
INGHAM_C_115KV_TB7 356103	48.58 2.58 0.00	47.78 2.53 0.00	44.75 2.29 0.00	44.28 2.23 0.00	47.04 2.41 0.00	51.65 2.55 0.00	68.43 3.44 0.00	78.89 3.83 0.00	66.69 3.05 0.00	62.65 2.70 0.00	62.89 2.88 0.00	59.81 2.52 0.00	58.34 2.41 0.00	58.75 2.42 0.00	59.36 2.50 0.00	63.86 2.63 0.00	84.77 3.81 0.00	111.99 5.13 0.00	98.66 4.70 0.00	88.93 4.32 0.00	72.79 3.60 0.00	65.38 3.41 0.00	56.67 2.90 0.00	52.40 2.68 0.00
IP CORINTH___1 23988	48.58 2.58 0.00	48.01 2.76 0.00	45.09 2.63 0.00	44.53 2.48 0.00	46.28 1.65 0.00	51.06 1.96 0.00	67.78 2.79 0.00	78.22 3.15 0.00	65.80 2.16 0.00	61.81 1.86 0.00	61.81 1.80 0.00	59.18 1.89 0.00	57.78 1.85 0.00	58.08 1.75 0.00	58.85 1.99 0.00	63.43 2.20 0.00	84.53 3.56 0.00	110.82 3.95 0.00	97.72 3.76 0.00	87.49 2.88 0.00	71.95 2.77 0.00	64.08 2.11 0.00	55.65 1.88 0.00	51.41 1.69 0.00
IP___TICONDEROGA 23804	50.23 4.23 0.00	49.81 4.57 0.00	46.74 4.29 0.00	46.13 4.08 0.00	48.24 3.61 0.00	53.27 4.17 0.00	70.84 5.85 0.00	81.59 6.53 0.00	68.22 4.58 0.00	63.85 3.90 0.00	63.79 3.78 0.00	61.02 3.72 0.00	59.46 3.52 0.00	59.82 3.49 0.00	60.67 3.81 0.00	65.51 4.29 0.00	88.09 7.13 0.00	115.73 8.87 0.00	102.24 8.27 0.00	91.38 6.77 0.00	75.14 5.95 0.00	66.69 4.71 0.00	57.80 4.03 0.00	53.39 3.68 0.00
ISLIP_RES_REC 323679	49.86 3.86 0.00	48.73 3.48 0.00	45.38 2.93 0.00	45.08 3.03 0.00	48.02 3.39 0.00	53.67 4.57 0.00	68.17 3.18 0.01	78.21 3.15 0.01	67.00 3.37 0.00	63.91 3.96 0.00	63.37 3.36 0.00	62.50 5.21 0.00	61.32 5.32 -0.07	62.02 5.63 -0.06	62.81 5.91 -0.03	67.23 6.00 0.00	88.82 7.85 0.00	117.19 10.16 -0.17	103.18 9.21 0.00	91.97 7.36 0.00	74.38 5.19 0.00	68.43 6.01 -0.44	58.12 4.35 0.00	53.79 4.08 0.00

JAMAICA__27_KV_LOAD 355505	49.13 3.13 0.00	48.19 2.94 0.00	45.00 2.55 0.00	44.49 2.44 0.00	47.53 2.90 0.00	52.59 3.49 0.00	69.67 4.68 -0.01	80.69 5.63 0.00	68.41 4.77 0.00	64.94 4.98 -0.01	64.95 4.92 -0.02	63.01 5.39 -0.33	63.08 5.48 -1.66	63.12 5.58 -1.22	63.39 5.80 -0.74	67.42 6.12 -0.07	88.58 7.61 0.00	116.48 9.62 0.00	102.52 8.55 0.00	92.06 7.45 0.00	74.58 5.40 0.00	67.26 5.27 -0.01	57.59 3.82 -0.01	53.15 3.43 0.00
JANIS__SOLAR 323808	47.56 1.56 0.00	46.69 1.45 0.00	43.81 1.36 0.00	43.31 1.26 0.00	45.88 1.25 0.00	50.62 1.52 0.00	67.33 2.34 0.00	77.71 2.63 -0.03	65.73 2.10 0.00	61.45 1.50 0.00	61.15 1.14 0.00	58.00 0.69 -0.01	56.63 0.67 -0.03	57.09 0.73 -0.03	57.74 0.85 -0.03	62.60 1.35 -0.03	83.42 2.43 -0.03	111.38 4.49 -0.03	97.94 3.95 -0.03	88.44 3.81 -0.02	72.12 2.91 -0.03	64.17 2.17 -0.03	55.44 1.67 0.00	51.21 1.49 0.00
JARVIS____ 23743	46.18 0.18 0.00	45.47 0.23 0.00	42.67 0.21 0.00	42.26 0.21 0.00	44.85 0.22 0.00	49.40 0.30 0.00	65.38 0.39 0.00	75.52 0.45 0.00	64.02 0.38 0.00	60.26 0.30 0.00	60.37 0.36 0.00	57.58 0.29 0.00	56.27 0.34 0.00	56.67 0.34 0.00	57.20 0.34 0.00	61.66 0.43 0.00	81.61 0.64 0.00	107.51 0.65 0.00	94.53 0.57 0.00	85.13 0.51 0.00	69.61 0.42 0.00	62.35 0.37 0.00	54.04 0.27 0.00	49.92 0.20 0.00
JENNISON____1 23625	47.56 1.56 0.00	46.83 1.58 0.00	43.90 1.44 0.00	43.39 1.35 0.00	46.10 1.47 0.00	50.82 1.72 0.00	67.52 2.53 0.00	78.00 2.93 -0.01	66.05 2.42 0.00	62.05 2.10 0.00	62.05 2.04 0.00	58.84 1.55 0.00	57.45 1.51 -0.01	57.97 1.63 -0.01	58.51 1.65 -0.01	63.32 2.08 -0.01	84.13 3.16 -0.01	112.32 5.45 -0.01	98.58 4.60 -0.01	88.68 4.06 0.00	72.38 3.18 -0.01	64.40 2.42 -0.01	55.60 1.83 0.00	51.26 1.54 0.00
JENNISON____2 23626	47.56 1.56 0.00	46.83 1.58 0.00	43.90 1.44 0.00	43.39 1.35 0.00	46.10 1.47 0.00	50.82 1.72 0.00	67.52 2.53 0.00	78.00 2.93 -0.01	66.05 2.42 0.00	62.05 2.10 0.00	62.05 2.04 0.00	58.84 1.55 0.00	57.45 1.51 -0.01	57.97 1.63 -0.01	58.51 1.65 -0.01	63.32 2.08 -0.01	84.13 3.16 -0.01	112.32 5.45 -0.01	98.58 4.60 -0.01	88.68 4.06 0.00	72.38 3.18 -0.01	64.40 2.42 -0.01	55.60 1.83 0.00	51.26 1.54 0.00
JERICOHO_RISE_WT_PWR 323719	45.08 -0.92 0.00	44.34 -0.90 0.00	41.60 -0.85 0.00	41.25 -0.80 0.00	43.87 -0.76 0.00	47.92 -1.18 0.00	63.37 -1.62 0.00	73.34 -1.72 0.00	61.98 -1.65 0.00	58.21 -1.74 0.00	58.09 -1.92 0.00	55.29 -2.01 0.00	53.81 -2.13 0.00	54.13 -2.20 0.00	54.58 -2.28 0.00	58.71 -2.51 0.00	77.57 -3.40 0.00	102.91 -3.95 0.00	90.40 -3.57 0.00	81.49 -3.13 0.00	66.76 -2.42 0.00	59.93 -2.04 0.00	52.26 -1.51 0.00	48.77 -0.95 0.00
KATONAH__115KV_46KV_TB4 355592	48.81 2.81 0.00	47.96 2.71 0.00	44.87 2.42 0.00	44.40 2.35 0.00	47.35 2.72 0.00	52.29 3.19 0.00	69.08 4.09 0.00	80.09 5.03 0.00	67.83 4.20 0.00	64.03 4.08 0.00	64.09 4.08 0.00	61.36 4.07 0.00	60.18 4.25 0.00	60.72 4.39 0.00	61.41 4.55 0.00	66.31 5.08 0.00	87.52 6.56 0.00	115.09 8.23 0.00	101.11 7.14 0.00	90.88 6.26 0.00	74.03 4.84 0.00	66.44 4.46 0.00	57.10 3.33 0.00	52.75 3.03 0.00
KCE_NY_1 323755	47.65 1.65 0.00	47.06 1.81 0.00	44.19 1.74 0.00	43.73 1.68 0.00	46.55 1.92 0.00	51.36 2.26 0.00	68.17 3.18 0.00	78.59 3.53 0.00	66.31 2.67 0.00	62.36 2.40 0.00	62.41 2.40 0.00	59.64 2.35 0.00	58.28 2.35 0.00	58.69 2.37 0.00	59.42 2.56 0.00	64.04 2.82 0.00	85.25 4.29 0.00	111.68 4.81 0.00	98.48 4.51 0.00	88.33 3.72 0.00	72.44 3.25 0.00	64.77 2.79 0.00	56.08 2.31 0.00	51.75 2.04 0.00
KCE_NY_6_ESR 323823	44.39 -1.61 0.00	43.43 -1.81 0.00	40.59 -1.87 0.00	40.20 -1.85 0.00	41.82 -2.81 0.00	45.37 -3.73 0.00	58.81 -6.18 0.00	66.94 -8.11 0.02	57.52 -6.11 0.00	54.92 -5.04 0.00	55.09 -4.92 0.00	52.30 -4.98 0.01	50.77 -5.14 0.02	50.79 -5.52 0.02	51.33 -5.51 0.02	55.33 -5.88 0.02	73.26 -7.69 0.02	95.94 -10.90 0.02	83.99 -9.96 0.02	75.97 -8.63 0.01	61.77 -7.40 0.02	55.21 -6.75 0.02	48.77 -5.00 0.00	45.89 -3.83 0.00
KEDC PORT_JEFF_GT2 24210	49.49 3.49 0.00	48.41 3.17 0.00	45.04 2.59 0.00	44.78 2.73 0.00	47.67 3.04 0.00	53.27 4.17 0.00	67.45 2.47 0.01	77.23 2.18 0.01	66.37 2.73 0.00	63.43 3.48 0.00	62.59 2.58 0.00	61.76 4.47 0.00	60.64 4.64 -0.07	61.35 4.96 -0.06	62.01 5.12 -0.03	66.24 5.02 0.00	87.45 6.48 0.00	115.37 8.34 -0.17	101.67 7.71 0.00	90.62 6.01 0.00	73.34 4.15 0.00	67.74 5.33 -0.43	57.75 3.98 0.00	53.49 3.78 0.00
KEDC PORT_JEFF_GT3 24211	49.49 3.49 0.00	48.41 3.17 0.00	45.04 2.59 0.00	44.78 2.73 0.00	47.67 3.04 0.00	53.27 4.17 0.00	67.45 2.47 0.01	77.23 2.18 0.01	66.37 2.73 0.00	63.43 3.48 0.00	62.59 2.58 0.00	61.76 4.47 0.00	60.64 4.64 -0.07	61.35 4.96 -0.06	62.01 5.12 -0.03	66.24 5.02 0.00	87.45 6.48 0.00	115.37 8.34 -0.17	101.67 7.71 0.00	90.62 6.01 0.00	73.34 4.15 0.00	67.74 5.33 -0.43	57.75 3.98 0.00	53.49 3.78 0.00
KEDC_GLWD_GT4 24219	49.31 3.31 0.00	48.36 3.12 0.00	45.09 2.63 0.00	44.74 2.69 0.00	47.62 2.99 0.00	52.93 3.83 0.00	68.95 3.96 0.00	79.56 4.50 0.00	67.71 4.08 0.00	64.21 4.26 0.00	64.21 4.20 0.00	62.45 5.16 0.00	61.20 5.20 -0.07	61.85 5.35 -0.17	62.41 5.46 -0.10	66.85 5.63 0.00	88.33 7.37 0.00	116.16 9.29 0.00	102.24 8.27 0.00	91.63 7.02 0.00	74.31 5.12 0.00	67.18 5.21 0.00	57.58 3.82 0.00	53.10 3.38 0.00
KEDC_GLWD_GT5 24220	49.31 3.31 0.00	48.36 3.12 0.00	45.09 2.63 0.00	44.74 2.69 0.00	47.62 2.99 0.00	52.93 3.83 0.00	68.95 3.96 0.00	79.56 4.50 0.00	67.71 4.08 0.00	64.21 4.26 0.00	64.21 4.20 0.00	62.45 5.16 0.00	61.20 5.20 -0.07	61.85 5.35 -0.17	62.41 5.46 -0.10	66.85 5.63 0.00	88.33 7.37 0.00	116.16 9.29 0.00	102.24 8.27 0.00	91.63 7.02 0.00	74.31 5.12 0.00	67.18 5.21 0.00	57.58 3.82 0.00	53.10 3.38 0.00
KENSICO____ 23655	48.71 2.71 0.00	47.82 2.58 0.00	44.70 2.25 0.00	44.28 2.23 0.00	47.17 2.54 0.00	52.14 3.04 0.00	68.89 3.90 0.00	79.72 4.65 0.00	67.58 3.95 0.00	63.91 3.96 0.00	63.97 3.96 0.00	61.26 3.95 -0.01	60.07 4.08 -0.06	60.54 4.17 -0.04	61.26 4.38 -0.02	66.13 4.90 0.00	87.20 6.23 0.00	114.66 7.80 0.00	100.83 6.86 0.00	90.62 6.01 0.00	73.68 4.50 0.00	66.31 4.34 0.00	56.94 3.17 0.00	52.65 2.93 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.71 2.71 0.00	47.87 2.62 0.00	44.79 2.33 0.00	44.28 2.23 0.00	47.26 2.63 0.00	52.19 3.09 0.00	69.21 4.22 0.00	80.02 4.95 0.00	67.77 4.14 0.00	63.97 4.02 0.00	63.79 3.78 0.00	61.02 3.72 0.00	59.79 3.86 0.00	60.22 3.89 0.00	60.90 4.04 0.00	65.94 4.71 0.00	87.28 6.32 0.00	115.09 8.23 0.00	101.20 7.24 0.00	90.88 6.26 0.00	73.96 4.77 0.00	66.50 4.52 0.00	57.10 3.33 0.00	52.70 2.98 0.00

KIAC_JFK_GT1 23816	48.99 2.99 0.00	48.05 2.81 0.00	44.87 2.42 0.00	44.40 2.35 0.00	47.40 2.77 0.00	52.44 3.34 0.00	69.48 4.48 -0.01	80.47 5.40 0.00	68.22 4.58 0.00	64.70 4.74 -0.01	64.77 4.74 -0.02	62.84 5.21 -0.33	62.91 5.31 -1.66	62.96 5.41 -1.22	63.22 5.63 -0.74	67.18 5.88 -0.07	88.33 7.37 0.00	116.16 9.30 0.00	102.14 8.18 0.00	91.72 7.11 0.00	74.38 5.19 0.00	67.07 5.08 -0.01	57.43 3.66 -0.01	53.00 3.28 0.00
KIAC_JFK_GT2 23817	48.99 2.99 0.00	48.05 2.81 0.00	44.87 2.42 0.00	44.40 2.35 0.00	47.40 2.77 0.00	52.44 3.34 0.00	69.48 4.48 -0.01	80.47 5.40 0.00	68.22 4.58 0.00	64.70 4.74 -0.01	64.77 4.74 -0.02	62.84 5.21 -0.33	62.91 5.31 -1.66	62.96 5.41 -1.22	63.22 5.63 -0.74	67.18 5.88 -0.07	88.33 7.37 0.00	116.16 9.30 0.00	102.14 8.18 0.00	91.72 7.11 0.00	74.38 5.19 0.00	67.07 5.08 -0.01	57.43 3.66 -0.01	53.00 3.28 0.00
KIAC_JFK____ 323774	48.99 2.99 0.00	48.14 2.90 0.00	44.87 2.42 0.00	44.44 2.40 0.00	47.40 2.77 0.00	52.48 3.39 0.00	69.61 4.61 -0.01	80.62 5.55 0.00	68.34 4.71 0.00	64.89 4.92 -0.01	64.89 4.86 -0.02	62.89 5.27 -0.33	62.91 5.32 -1.66	63.01 5.46 -1.22	63.22 5.63 -0.74	66.93 5.63 -0.07	88.17 7.20 0.00	116.16 9.29 0.00	102.05 8.08 0.00	91.63 7.02 0.00	74.31 5.12 0.00	67.20 5.21 -0.01	57.54 3.76 -0.01	52.90 3.18 0.00
KINTIGH__24_KV_GSU 356498	44.11 -1.89 0.00	43.12 -2.13 0.00	40.42 -2.04 0.00	40.07 -1.98 0.00	41.77 -2.86 0.00	45.42 -3.68 0.00	58.88 -6.11 0.00	67.17 -7.88 0.01	57.78 -5.85 0.00	55.16 -4.80 0.00	55.27 -4.74 0.00	52.76 -4.53 0.01	51.28 -4.64 0.01	51.08 -5.24 0.01	51.39 -5.46 0.01	54.91 -6.30 0.01	71.81 -9.15 0.01	96.38 -10.47 0.01	84.28 -9.68 0.01	76.32 -8.29 0.01	62.19 -6.99 0.01	54.90 -7.07 0.01	48.98 -4.79 0.00	45.99 -3.73 0.00
KINTIGH____ 23543	43.75 -2.25 0.00	42.80 -2.44 0.00	40.08 -2.38 0.00	39.99 -2.06 0.00	41.77 -2.86 0.00	45.37 -3.73 0.00	58.75 -6.24 0.00	67.17 -7.88 0.01	57.65 -5.98 0.00	55.04 -4.92 0.00	55.15 -4.86 0.00	52.59 -4.70 0.01	50.78 -5.15 0.01	51.02 -5.29 0.01	51.33 -5.52 0.01	54.05 -7.16 0.01	71.72 -9.23 0.01	95.84 -11.01 0.01	83.52 -10.43 0.01	75.72 -8.88 0.01	61.98 -7.20 0.01	55.08 -6.88 0.01	48.98 -4.79 0.00	45.54 -4.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.36 -0.64 0.00	44.61 -0.63 0.00	41.82 -0.64 0.00	41.46 -0.59 0.00	44.14 -0.49 0.00	48.31 -0.79 0.00	64.27 -0.71 0.00	74.39 -0.68 0.00	62.74 -0.89 0.00	59.00 -0.96 0.00	58.81 -1.20 0.00	55.92 -1.38 0.00	54.26 -1.68 0.00	54.25 -2.08 0.00	54.70 -2.16 0.00	58.96 -2.27 0.00	77.73 -3.24 0.00	103.34 -3.53 0.00	90.87 -3.10 0.00	82.08 -2.54 0.00	67.25 -1.94 0.00	60.61 -1.36 0.00	52.75 -1.02 0.00	48.92 -0.80 0.00
LACHUTE____HYDRO 323717	49.13 3.13 0.00	48.78 3.53 0.00	45.72 3.27 0.00	45.12 3.07 0.00	48.24 3.61 0.00	53.32 4.22 0.00	70.90 5.91 0.00	81.67 6.61 0.00	68.28 4.64 0.00	63.97 4.02 0.00	63.91 3.90 0.00	61.01 3.72 0.00	59.52 3.58 0.00	59.82 3.49 0.00	60.67 3.81 0.00	65.45 4.22 0.00	88.09 7.13 0.00	115.73 8.86 0.00	102.24 8.27 0.00	91.39 6.77 0.00	75.14 5.95 0.00	66.81 4.84 0.00	57.85 4.08 0.00	53.39 3.68 0.00
LAWRNCV_115KV_TB1 80681	46.51 0.51 0.00	45.79 0.54 0.00	42.92 0.47 0.00	42.51 0.46 0.00	45.21 0.58 0.00	49.79 0.69 0.00	66.03 1.04 0.00	76.26 1.20 0.00	64.27 0.64 0.00	60.37 0.42 0.00	60.37 0.36 0.00	57.41 0.11 0.00	55.93 0.00 0.00	56.05 -0.28 0.00	56.35 -0.51 0.00	60.43 -0.80 0.00	79.51 -1.46 0.00	105.69 -1.18 0.00	92.93 -1.03 0.00	84.19 -0.42 0.00	69.12 -0.07 0.00	62.47 0.50 0.00	54.36 0.59 0.00	50.31 0.60 0.00
LEDERLE____ 23769	48.71 2.71 0.00	47.82 2.58 0.00	44.75 2.29 0.00	44.28 2.23 0.00	47.22 2.59 0.00	52.14 3.04 0.00	69.02 4.03 0.00	79.87 4.80 0.00	67.71 4.07 0.00	63.97 4.02 0.00	64.03 4.02 0.00	61.30 4.01 0.00	60.07 4.14 0.00	60.55 4.22 0.00	61.18 4.32 0.00	66.12 4.90 0.00	87.20 6.23 0.00	114.77 7.91 0.00	100.92 6.95 0.00	90.71 6.09 0.00	73.75 4.57 0.00	66.38 4.40 0.00	57.05 3.28 0.00	52.65 2.93 0.00
LIGHTHSE_115KV_TB6 355974	45.08 -0.92 0.00	44.43 -0.81 0.00	41.69 -0.76 0.00	41.25 -0.80 0.00	43.69 -0.94 0.00	48.07 -1.03 0.00	63.69 -1.30 0.00	73.64 -1.43 0.00	62.30 -1.34 0.00	58.52 -1.44 0.00	58.63 -1.38 0.00	55.92 -1.38 0.00	54.59 -1.34 0.00	54.98 -1.35 0.00	55.44 -1.42 0.00	59.51 -1.71 0.00	78.86 -2.11 0.00	104.83 -2.03 0.00	92.18 -1.79 0.00	83.09 -1.52 0.00	67.87 -1.31 0.00	60.61 -1.36 0.00	52.58 -1.18 0.00	48.62 -1.09 0.00
LINDEN COGEN____ 23786	48.90 2.90 0.00	48.10 2.85 0.00	44.83 2.38 0.00	44.44 2.40 0.00	47.40 2.77 0.00	52.44 3.34 0.00	69.35 4.35 -0.01	80.17 5.11 0.00	68.09 4.45 0.00	64.40 4.44 -0.01	64.47 4.44 -0.02	62.09 4.47 -0.33	62.13 4.53 -1.66	62.17 4.62 -1.22	62.42 4.83 -0.74	66.44 5.14 -0.07	87.52 6.56 0.00	115.30 8.44 0.00	101.30 7.33 0.00	90.96 6.35 0.00	73.82 4.64 0.00	66.76 4.77 -0.01	57.27 3.49 -0.01	52.75 3.03 0.00
LINDHRST_69_KV_BK1 356055	50.09 4.09 0.00	48.91 3.66 0.00	45.68 3.23 0.00	45.20 3.15 0.00	48.24 3.61 0.00	53.72 4.62 0.00	68.56 3.57 0.01	79.26 4.20 0.01	67.58 3.95 0.00	63.97 4.02 0.00	64.09 4.08 0.00	63.19 5.90 0.00	62.04 6.04 -0.07	62.67 6.25 -0.09	63.39 6.48 -0.05	68.45 7.22 0.01	90.03 9.07 0.00	118.34 11.43 -0.04	104.40 10.43 0.00	93.58 8.97 0.00	75.35 6.16 0.00	68.28 6.20 -0.10	58.23 4.46 0.00	54.29 4.57 0.00
LIPA_MISC_IPP 23656	49.59 3.59 0.00	48.37 3.12 0.00	45.17 2.72 0.00	44.74 2.69 0.00	47.71 3.08 0.00	53.22 4.12 0.00	67.06 2.08 0.01	77.53 2.48 0.01	66.37 2.74 0.00	62.95 3.00 0.00	62.77 2.76 0.00	61.88 4.58 0.00	60.87 4.87 -0.07	61.46 5.07 -0.06	62.29 5.40 -0.03	67.22 6.00 0.01	88.25 7.29 0.00	116.26 9.19 -0.21	102.61 8.64 0.00	91.81 7.19 0.00	73.89 4.70 0.00	67.85 5.33 -0.54	57.64 3.87 0.00	53.84 4.13 0.00
LISF____SOLAR 323691	49.63 3.63 0.00	48.55 3.30 0.00	45.17 2.72 0.00	44.91 2.86 0.00	47.80 3.17 0.00	53.42 4.32 0.00	67.84 2.86 0.01	77.83 2.78 0.01	66.62 2.99 0.00	63.49 3.54 0.00	62.95 2.94 0.00	62.04 4.75 0.00	60.86 4.86 -0.07	61.63 5.24 -0.06	62.35 5.46 -0.03	66.79 5.57 0.00	88.26 7.29 0.00	116.57 9.51 -0.20	102.61 8.64 0.00	91.47 6.85 0.00	74.03 4.84 0.00	68.14 5.64 -0.52	57.85 4.08 0.00	53.54 3.83 0.00
LITTLE FALLS____HYD 24013	48.58 2.58 0.00	47.78 2.53 0.00	44.75 2.29 0.00	44.28 2.23 0.00	47.04 2.41 0.00	51.65 2.55 0.00	68.43 3.44 0.00	78.89 3.83 0.00	66.69 3.05 0.00	62.65 2.70 0.00	62.89 2.88 0.00	59.81 2.52 0.00	58.34 2.41 0.00	58.75 2.42 0.00	59.36 2.50 0.00	63.86 2.63 0.00	84.77 3.81 0.00	111.99 5.13 0.00	98.66 4.70 0.00	88.93 4.32 0.00	72.79 3.60 0.00	65.38 3.41 0.00	56.67 2.90 0.00	52.40 2.68 0.00

LITTLRIV_115KV_TB1 356100	47.10 1.10 0.00	46.38 1.13 0.00	43.47 1.02 0.00	43.02 0.97 0.00	45.83 1.20 0.00	50.47 1.37 0.00	67.00 2.01 0.00	77.39 2.33 0.00	65.03 1.40 0.00	60.91 0.96 0.00	60.79 0.78 0.00	57.81 0.52 0.00	56.33 0.39 0.00	56.44 0.11 0.00	56.74 -0.11 0.00	60.92 -0.31 0.00	80.40 -0.57 0.00	107.29 0.43 0.00	94.44 0.47 0.00	85.55 0.93 0.00	70.16 0.97 0.00	63.40 1.43 0.00	55.11 1.34 0.00	51.01 1.29 0.00
LI_NEWBRDGE___DRP 323616	49.17 3.17 0.00	48.05 2.81 0.00	44.92 2.46 0.00	44.45 2.40 0.00	47.44 2.81 0.00	52.73 3.63 0.00	67.39 2.40 0.01	77.98 2.93 0.01	66.50 2.86 0.00	63.01 3.06 0.00	63.07 3.06 0.00	62.33 5.04 0.00	61.15 5.15 -0.07	61.67 5.29 -0.05	62.17 5.29 -0.03	66.98 5.76 0.01	87.93 6.96 0.00	115.41 8.55 0.00	101.77 7.80 0.00	91.30 6.68 0.00	73.68 4.50 0.00	66.68 4.71 0.00	57.05 3.28 0.00	53.20 3.48 0.00
LOCKPORT_115KV_TB60_63_64 80432	43.70 -2.30 0.00	42.76 -2.49 0.00	39.74 -2.72 0.00	39.99 -2.06 0.00	41.33 -3.30 0.00	44.78 -4.32 0.00	57.71 -7.28 0.00	65.89 -9.16 0.01	56.57 -7.06 0.00	54.14 -5.82 0.00	54.25 -5.76 0.00	51.56 -5.73 0.01	49.82 -6.10 0.01	50.23 -6.08 0.01	50.53 -6.31 0.01	53.44 -7.78 0.01	70.91 -10.04 0.01	94.03 -12.82 0.01	82.02 -11.93 0.01	74.12 -10.49 0.01	60.73 -8.44 0.01	54.09 -7.87 0.01	48.18 -5.59 0.00	44.84 -4.87 0.00
LOCKPORT___CC1 323769	44.11 -1.89 0.00	43.07 -2.17 0.00	40.16 -2.29 0.00	39.78 -2.27 0.00	41.50 -3.13 0.00	44.78 -4.32 0.00	57.84 -7.15 0.00	65.81 -9.24 0.01	56.70 -6.93 0.00	54.20 -5.76 0.00	54.31 -5.70 0.00	51.67 -5.61 0.01	50.16 -5.76 0.01	50.06 -6.25 0.01	50.48 -6.37 0.01	54.05 -7.16 0.01	71.07 -9.88 0.01	94.45 -12.39 0.01	82.58 -11.37 0.01	74.79 -9.81 0.01	60.87 -8.30 0.01	53.97 -7.99 0.01	48.12 -5.64 0.00	45.39 -4.33 0.00
LOCKPORT___CC2 323770	44.11 -1.89 0.00	43.07 -2.17 0.00	40.16 -2.29 0.00	39.78 -2.27 0.00	41.50 -3.13 0.00	44.78 -4.32 0.00	57.84 -7.15 0.00	65.81 -9.24 0.01	56.70 -6.93 0.00	54.20 -5.76 0.00	54.31 -5.70 0.00	51.67 -5.61 0.01	50.16 -5.76 0.01	50.06 -6.25 0.01	50.48 -6.37 0.01	54.05 -7.16 0.01	71.07 -9.88 0.01	94.45 -12.39 0.01	82.58 -11.37 0.01	74.79 -9.81 0.01	60.87 -8.30 0.01	53.97 -7.99 0.01	48.12 -5.64 0.00	45.39 -4.33 0.00
LOCKPORT___CC3 323771	44.11 -1.89 0.00	43.07 -2.17 0.00	40.16 -2.29 0.00	39.78 -2.27 0.00	41.50 -3.13 0.00	44.78 -4.32 0.00	57.84 -7.15 0.00	65.81 -9.24 0.01	56.70 -6.93 0.00	54.20 -5.76 0.00	54.31 -5.70 0.00	51.67 -5.61 0.01	50.16 -5.76 0.01	50.06 -6.25 0.01	50.48 -6.37 0.01	54.05 -7.16 0.01	71.07 -9.88 0.01	94.45 -12.39 0.01	82.58 -11.37 0.01	74.79 -9.81 0.01	60.87 -8.30 0.01	53.97 -7.99 0.01	48.12 -5.64 0.00	45.39 -4.33 0.00
LOCUSVLY_69_KV_BK2 55797	49.50 3.50 0.00	48.41 3.17 0.00	45.26 2.80 0.00	44.78 2.73 0.00	47.75 3.12 0.00	53.03 3.93 0.00	68.30 3.31 0.00	79.04 3.98 0.00	67.39 3.75 0.00	63.79 3.84 0.00	63.91 3.90 0.00	62.57 5.27 0.00	61.37 5.37 -0.07	62.05 5.58 -0.14	62.62 5.69 -0.08	67.47 6.25 0.01	88.74 7.77 0.00	116.44 9.62 0.04	102.71 8.74 0.00	92.15 7.53 0.00	74.38 5.19 0.00	67.13 5.27 0.12	57.53 3.76 0.00	53.54 3.83 0.00
LONG_LAKE_PHOENIX 24014	44.67 -1.33 0.00	43.89 -1.36 0.00	41.18 -1.27 0.00	40.83 -1.22 0.00	43.25 -1.38 0.00	47.53 -1.57 0.00	62.97 -2.01 0.00	72.81 -2.25 0.00	61.85 -1.78 0.00	58.28 -1.68 0.00	58.33 -1.68 0.00	55.69 -1.60 0.00	54.37 -1.57 0.00	54.75 -1.58 0.00	55.27 -1.59 0.00	59.39 -1.84 0.00	78.62 -2.35 0.00	103.87 -2.99 0.00	91.34 -2.63 0.00	82.25 -2.37 0.00	67.25 -1.94 0.00	60.05 -1.92 0.00	52.15 -1.61 0.00	48.17 -1.54 0.00
LOVETT___3 23632	48.53 2.53 0.00	47.64 2.40 0.00	44.58 2.12 0.00	44.15 2.10 0.00	47.04 2.41 0.00	51.95 2.85 0.00	68.69 3.70 0.00	79.42 4.35 0.00	67.39 3.75 0.00	63.67 3.72 0.00	63.73 3.72 0.00	61.02 3.72 0.00	59.79 3.86 0.00	60.27 3.94 0.00	60.95 4.09 0.00	65.82 4.59 0.00	86.80 5.83 0.00	114.24 7.37 0.00	100.45 6.48 0.00	90.28 5.67 0.00	73.41 4.22 0.00	66.07 4.09 0.00	56.78 3.01 0.00	52.45 2.73 0.00
LOVETT___4 23642	48.53 2.53 0.00	47.64 2.40 0.00	44.58 2.12 0.00	44.15 2.10 0.00	47.04 2.41 0.00	51.95 2.85 0.00	68.69 3.70 0.00	79.42 4.35 0.00	67.39 3.75 0.00	63.67 3.72 0.00	63.73 3.72 0.00	61.02 3.72 0.00	59.79 3.86 0.00	60.27 3.94 0.00	60.95 4.09 0.00	65.82 4.59 0.00	86.80 5.83 0.00	114.24 7.37 0.00	100.45 6.48 0.00	90.28 5.67 0.00	73.41 4.22 0.00	66.07 4.09 0.00	56.78 3.01 0.00	52.45 2.73 0.00
LOVETT___5 23593	48.53 2.53 0.00	47.64 2.40 0.00	44.58 2.12 0.00	44.15 2.10 0.00	47.04 2.41 0.00	51.95 2.85 0.00	68.69 3.70 0.00	79.42 4.35 0.00	67.39 3.75 0.00	63.67 3.72 0.00	63.73 3.72 0.00	61.02 3.72 0.00	59.79 3.86 0.00	60.27 3.94 0.00	60.95 4.09 0.00	65.82 4.59 0.00	86.80 5.83 0.00	114.24 7.37 0.00	100.45 6.48 0.00	90.28 5.67 0.00	73.41 4.22 0.00	66.07 4.09 0.00	56.78 3.01 0.00	52.45 2.73 0.00
LOWER RAQUET___HYD 24057	46.46 0.46 0.00	45.74 0.50 0.00	42.92 0.47 0.00	42.47 0.42 0.00	45.21 0.58 0.00	49.69 0.59 0.00	65.77 0.78 0.00	76.11 1.05 0.00	64.02 0.38 0.00	60.08 0.12 0.00	60.01 0.00 0.00	57.18 -0.11 0.00	55.71 -0.22 0.00	55.94 -0.39 0.00	56.23 -0.62 0.00	60.19 -1.04 0.00	79.35 -1.62 0.00	105.47 -1.39 0.00	92.65 -1.32 0.00	83.94 -0.68 0.00	68.98 -0.21 0.00	62.22 0.25 0.00	54.20 0.43 0.00	50.26 0.55 0.00
LOWER___HUDSON 24059	47.19 1.19 0.00	46.51 1.27 0.00	43.77 1.32 0.00	43.35 1.30 0.00	46.10 1.47 0.00	50.77 1.67 0.00	67.52 2.53 0.00	77.84 2.78 0.00	65.80 2.16 0.00	61.93 1.98 0.00	62.11 2.10 0.00	59.41 2.12 0.00	58.06 2.12 0.00	58.47 2.14 0.00	59.19 2.33 0.00	63.74 2.51 0.00	84.61 3.65 0.00	110.50 3.64 0.00	97.54 3.57 0.00	87.58 2.96 0.00	71.67 2.49 0.00	64.20 2.23 0.00	55.60 1.83 0.00	51.31 1.59 0.00
LOWVILLE_115KV_TB2 356335	46.74 0.74 0.00	46.01 0.77 0.00	43.22 0.76 0.00	42.68 0.63 0.00	45.43 0.80 0.00	50.08 0.98 0.00	66.61 1.62 0.00	76.94 1.88 0.00	64.08 0.45 0.00	59.95 0.00 0.00	60.01 0.00 0.00	57.01 -0.29 0.00	55.65 -0.28 0.00	56.10 -0.23 0.00	56.52 -0.34 0.00	60.92 -0.31 0.00	80.97 0.00 0.00	107.82 0.96 0.00	94.81 0.85 0.00	85.63 1.02 0.00	69.88 0.69 0.00	62.72 0.74 0.00	54.14 0.38 0.00	49.96 0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.07 2.07 0.00	47.42 2.17 0.00	44.58 2.12 0.00	44.07 2.02 0.00	46.55 1.92 0.00	51.26 2.16 0.00	68.04 3.05 0.00	78.52 3.45 0.00	66.24 2.61 0.00	62.23 2.28 0.00	62.29 2.28 0.00	59.58 2.29 0.00	58.23 2.29 0.00	58.64 2.31 0.00	59.42 2.56 0.00	64.10 2.88 0.00	85.26 4.29 0.00	111.67 4.81 0.00	98.38 4.42 0.00	88.25 3.64 0.00	72.37 3.18 0.00	64.58 2.60 0.00	55.97 2.20 0.00	51.75 2.04 0.00

LUTHERNY_35_KV_BK2 355980	48.07 2.07 0.00	47.46 2.22 0.00	44.58 2.12 0.00	44.11 2.06 0.00	46.55 1.92 0.00	51.31 2.21 0.00	68.11 3.12 0.00	78.52 3.45 0.00	66.24 2.61 0.00	62.29 2.34 0.00	62.29 2.28 0.00	59.64 2.35 0.00	58.23 2.29 0.00	58.70 2.37 0.00	59.42 2.56 0.00	64.10 2.88 0.00	85.34 4.37 0.00	111.78 4.92 0.00	98.48 4.51 0.00	88.34 3.72 0.00	72.44 3.25 0.00	64.64 2.66 0.00	56.03 2.26 0.00	51.75 2.04 0.00
LWR___OSWEGATCHIE_HYD 23850	46.23 0.23 0.00	45.52 0.27 0.00	42.71 0.25 0.00	42.22 0.17 0.00	44.94 0.31 0.00	49.54 0.44 0.00	65.77 0.78 0.00	76.04 0.98 0.00	63.70 0.06 0.00	59.66 -0.30 0.00	59.65 -0.36 0.00	56.72 -0.57 0.00	55.32 -0.62 0.00	55.60 -0.73 0.00	55.95 -0.91 0.00	60.06 -1.16 0.00	79.43 -1.54 0.00	105.79 -1.07 0.00	93.03 -0.94 0.00	84.19 -0.42 0.00	68.98 -0.21 0.00	62.10 0.12 0.00	53.82 0.05 0.00	49.77 0.05 0.00
LYONS_FALL_HYD 23570	46.83 0.83 0.00	46.10 0.86 0.00	43.30 0.85 0.00	42.76 0.71 0.00	45.48 0.85 0.00	50.13 1.03 0.00	66.61 1.63 0.00	77.01 1.95 0.00	64.59 0.96 0.00	60.49 0.54 0.00	60.61 0.60 0.00	57.64 0.35 0.00	56.27 0.34 0.00	56.73 0.40 0.00	57.20 0.34 0.00	61.66 0.43 0.00	81.86 0.89 0.00	108.68 1.81 0.00	95.47 1.50 0.00	86.14 1.52 0.00	70.43 1.25 0.00	63.03 1.05 0.00	54.41 0.65 0.00	50.26 0.55 0.00
MADISON___COUNTY_LFGE 323628	47.06 1.06 0.00	46.33 1.09 0.00	43.51 1.06 0.00	43.02 0.97 0.00	45.70 1.07 0.00	50.38 1.28 0.00	66.87 1.88 0.00	77.31 2.25 0.00	65.42 1.78 0.00	61.45 1.50 0.00	61.45 1.44 0.00	58.50 1.20 0.00	57.11 1.17 0.00	57.62 1.30 0.00	58.17 1.31 0.00	62.70 1.47 0.00	83.15 2.19 0.00	110.07 3.21 0.00	96.69 2.73 0.00	87.07 2.45 0.00	71.12 1.94 0.00	63.59 1.61 0.00	55.00 1.24 0.00	50.76 1.04 0.00
MALONE___115KV_TB1 356076	45.91 -0.09 0.00	45.15 -0.09 0.00	42.33 -0.13 0.00	41.97 -0.08 0.00	44.67 0.04 0.00	49.10 0.00 0.00	65.31 0.32 0.00	75.59 0.53 0.00	63.76 0.13 0.00	59.95 0.00 0.00	59.83 -0.18 0.00	56.89 -0.40 0.00	55.26 -0.67 0.00	55.20 -1.13 0.00	55.61 -1.25 0.00	59.88 -1.35 0.00	78.78 -2.19 0.00	104.94 -1.92 0.00	92.09 -1.88 0.00	83.26 -1.35 0.00	68.29 -0.90 0.00	61.60 -0.37 0.00	53.61 -0.16 0.00	49.67 -0.05 0.00
MAPLEWOD_115KV_TB3 80458	47.15 1.15 0.00	46.42 1.18 0.00	43.68 1.23 0.00	43.23 1.18 0.00	45.88 1.25 0.00	50.57 1.47 0.00	67.07 2.08 0.00	77.46 2.40 0.00	65.48 1.85 0.00	61.63 1.68 0.00	61.75 1.74 0.00	59.13 1.83 0.00	57.84 1.90 0.00	58.30 1.97 0.00	58.96 2.10 0.00	63.55 2.33 0.00	84.29 3.32 0.00	110.28 3.42 0.00	97.16 3.19 0.00	87.24 2.62 0.00	71.40 2.21 0.00	63.83 1.86 0.00	55.38 1.61 0.00	51.21 1.49 0.00
MAPLE_RIDGE_WT_1 323574	45.68 -0.32 0.00	44.88 -0.36 0.00	42.07 -0.38 0.00	41.63 -0.42 0.00	44.18 -0.45 0.00	48.61 -0.49 0.00	64.40 -0.59 0.00	74.39 -0.68 0.00	62.93 -0.70 0.00	59.06 -0.90 0.00	58.93 -1.08 0.00	56.03 -1.26 0.00	54.54 -1.40 0.00	54.86 -1.46 0.00	55.33 -1.53 0.00	59.63 -1.59 0.00	78.95 -2.02 0.00	104.51 -2.35 0.00	91.99 -1.98 0.00	83.01 -1.61 0.00	68.01 -1.18 0.00	61.05 -0.93 0.00	52.96 -0.81 0.00	48.97 -0.74 0.00
MAPLE_RIDGE_WT_2 323611	45.68 -0.32 0.00	44.88 -0.36 0.00	42.07 -0.38 0.00	41.63 -0.42 0.00	44.18 -0.45 0.00	48.61 -0.49 0.00	64.40 -0.59 0.00	74.39 -0.68 0.00	62.93 -0.70 0.00	59.06 -0.90 0.00	58.93 -1.08 0.00	56.03 -1.26 0.00	54.54 -1.40 0.00	54.86 -1.46 0.00	55.33 -1.53 0.00	59.63 -1.59 0.00	78.95 -2.02 0.00	104.51 -2.35 0.00	91.99 -1.98 0.00	83.01 -1.61 0.00	68.01 -1.18 0.00	61.05 -0.93 0.00	52.96 -0.81 0.00	48.97 -0.74 0.00
MARBLE_RIVER_WT_PWR 323696	45.03 -0.97 0.00	44.29 -0.95 0.00	41.56 -0.89 0.00	41.16 -0.89 0.00	43.83 -0.80 0.00	47.78 -1.32 0.00	63.10 -1.89 0.00	73.04 -2.02 0.00	61.79 -1.85 0.00	57.98 -1.98 0.00	57.91 -2.10 0.00	55.12 -2.18 0.00	53.64 -2.30 0.00	54.02 -2.31 0.00	54.42 -2.44 0.00	58.60 -2.63 0.00	77.41 -3.56 0.00	102.58 -4.28 0.00	90.20 -3.76 0.00	81.23 -3.39 0.00	66.56 -2.63 0.00	59.68 -2.29 0.00	52.10 -1.67 0.00	48.62 -1.09 0.00
MARSHVLE_115KV_TB1 80742	46.74 0.74 0.00	46.24 1.00 0.00	43.34 0.89 0.00	42.81 0.76 0.00	45.66 1.03 0.00	50.47 1.37 0.00	66.81 1.82 0.00	76.94 1.88 0.00	64.02 0.38 0.00	59.54 -0.42 0.00	59.77 -0.24 0.00	57.01 -0.29 0.00	55.71 -0.22 0.00	56.33 0.00 0.00	57.37 0.51 0.00	62.39 1.16 0.00	83.15 2.19 0.00	109.64 2.78 0.00	96.69 2.73 0.00	86.65 2.03 0.00	70.92 1.73 0.00	63.71 1.74 0.00	54.90 1.13 0.00	50.61 0.89 0.00
MARSH_HILL_WT_PWR 323713	44.07 -1.93 0.00	43.12 -2.13 0.00	40.24 -2.21 0.00	39.82 -2.23 0.00	41.28 -3.35 0.00	44.88 -4.22 0.00	58.69 -6.30 0.00	66.99 -8.03 0.05	57.01 -6.62 0.00	53.78 -6.17 0.00	53.65 -6.36 0.00	50.68 -6.59 0.03	49.29 -6.60 0.05	49.24 -7.04 0.05	49.87 -6.94 0.05	53.96 -7.23 0.05	71.93 -8.99 0.05	95.49 -11.33 0.05	83.96 -9.96 0.05	76.05 -8.54 0.02	61.67 -7.47 0.05	54.99 -6.94 0.05	48.39 -5.38 0.00	45.14 -4.57 0.00
MCINTYRE_115KV_TB2 80467	47.38 1.38 0.00	46.69 1.45 0.00	43.77 1.32 0.00	43.31 1.26 0.00	46.15 1.52 0.00	50.82 1.72 0.00	67.52 2.53 0.00	77.84 2.78 0.00	65.35 1.72 0.00	61.09 1.14 0.00	60.91 0.90 0.00	57.92 0.63 0.00	56.44 0.50 0.00	56.61 0.28 0.00	56.97 0.11 0.00	61.35 0.12 0.00	81.05 0.08 0.00	108.47 1.60 0.00	95.56 1.60 0.00	86.48 1.86 0.00	70.85 1.66 0.00	63.96 1.98 0.00	55.49 1.72 0.00	51.36 1.64 0.00
MECO_____69_KV_BK1 80468	47.89 1.89 0.00	47.37 2.13 0.00	44.41 1.95 0.00	43.90 1.85 0.00	46.77 2.14 0.00	51.70 2.60 0.00	68.56 3.57 0.00	78.89 3.83 0.00	65.54 1.91 0.00	60.85 0.90 0.00	60.79 0.78 0.00	57.92 0.63 0.00	56.66 0.73 0.00	57.29 0.96 0.00	58.39 1.54 0.00	63.68 2.45 0.00	85.42 4.45 0.00	112.63 5.77 0.00	99.32 5.36 0.00	88.93 4.32 0.00	72.92 3.74 0.00	65.20 3.22 0.00	56.19 2.42 0.00	51.80 2.09 0.00
MENANDS___115KV_TB5 355628	46.97 0.97 0.00	46.20 0.95 0.00	43.51 1.06 0.00	43.06 1.01 0.00	45.70 1.07 0.00	50.33 1.23 0.00	66.74 1.75 0.00	77.09 2.03 0.00	65.22 1.59 0.00	61.39 1.44 0.00	61.57 1.56 0.00	58.95 1.66 0.00	57.67 1.73 0.00	58.13 1.80 0.00	58.79 1.93 0.00	63.37 2.14 0.00	83.96 3.00 0.00	109.75 2.89 0.00	96.69 2.73 0.00	86.82 2.20 0.00	71.06 1.87 0.00	63.59 1.61 0.00	55.17 1.40 0.00	51.06 1.34 0.00
MG INDUSTRY___DRP 24185	47.15 1.15 0.00	46.42 1.18 0.00	43.68 1.23 0.00	43.23 1.18 0.00	45.88 1.25 0.00	50.52 1.42 0.00	66.87 1.88 0.00	77.24 2.18 0.00	65.29 1.65 0.00	61.39 1.44 0.00	61.51 1.50 0.00	58.84 1.55 0.00	57.50 1.57 0.00	57.96 1.63 0.00	58.68 1.82 0.00	63.31 2.08 0.00	83.88 2.91 0.00	109.96 3.10 0.00	96.88 2.91 0.00	86.98 2.37 0.00	71.26 2.08 0.00	63.77 1.80 0.00	55.27 1.51 0.00	51.16 1.44 0.00

MID___OSWEGATCHIE_HYD 23849	46.23 0.23 0.00	45.52 0.27 0.00	42.71 0.25 0.00	42.22 0.17 0.00	44.94 0.31 0.00	49.54 0.44 0.00	65.77 0.78 0.00	76.04 0.98 0.00	63.70 0.06 0.00	59.66 -0.30 0.00	59.65 -0.36 0.00	56.72 -0.57 0.00	55.32 -0.62 0.00	55.60 -0.73 0.00	55.95 -0.91 0.00	60.06 -1.16 0.00	79.43 -1.54 0.00	105.79 -1.07 0.00	93.03 -0.94 0.00	84.19 -0.42 0.00	68.98 -0.21 0.00	62.10 0.12 0.00	53.82 0.05 0.00	49.77 0.05 0.00
MID___RAQUETTE_HYD 23851	46.51 0.51 0.00	45.74 0.50 0.00	42.92 0.47 0.00	42.47 0.42 0.00	45.21 0.58 0.00	49.79 0.69 0.00	66.03 1.04 0.00	76.34 1.28 0.00	64.21 0.57 0.00	60.31 0.36 0.00	60.25 0.24 0.00	57.35 0.06 0.00	55.82 -0.11 0.00	55.99 -0.34 0.00	56.23 -0.63 0.00	60.25 -0.98 0.00	79.27 -1.70 0.00	105.37 -1.50 0.00	92.65 -1.32 0.00	83.94 -0.68 0.00	68.98 -0.21 0.00	62.41 0.43 0.00	54.30 0.54 0.00	50.26 0.55 0.00
MILLIKEN___1 23584	46.51 0.51 0.00	45.70 0.45 0.00	42.84 0.38 0.00	42.47 0.42 0.00	44.94 0.31 0.00	49.44 0.34 0.00	65.64 0.65 0.00	75.84 0.75 -0.03	64.33 0.70 0.00	60.49 0.54 0.00	60.43 0.42 0.00	57.54 0.23 -0.02	56.19 0.22 -0.03	56.65 0.28 -0.04	57.23 0.34 -0.04	61.69 0.43 -0.04	81.81 0.81 -0.04	108.39 1.50 -0.04	95.41 1.41 -0.04	85.90 1.27 -0.02	70.12 0.90 -0.04	62.57 0.56 -0.04	54.25 0.48 0.00	50.06 0.35 0.00
MILLIKEN___2 23585	46.51 0.51 0.00	45.70 0.45 0.00	42.84 0.38 0.00	42.47 0.42 0.00	44.94 0.31 0.00	49.44 0.34 0.00	65.64 0.65 0.00	75.84 0.75 -0.03	64.33 0.70 0.00	60.49 0.54 0.00	60.43 0.42 0.00	57.54 0.23 -0.02	56.19 0.22 -0.03	56.65 0.28 -0.04	57.23 0.34 -0.04	61.69 0.43 -0.04	81.81 0.81 -0.04	108.39 1.50 -0.04	95.41 1.41 -0.04	85.90 1.27 -0.02	70.12 0.90 -0.04	62.57 0.56 -0.04	54.25 0.48 0.00	50.06 0.35 0.00
MILLIKEN___DIESEL 23629	46.51 0.51 0.00	45.70 0.45 0.00	42.84 0.38 0.00	42.47 0.42 0.00	44.94 0.31 0.00	49.44 0.34 0.00	65.64 0.65 0.00	75.84 0.75 -0.03	64.33 0.70 0.00	60.49 0.54 0.00	60.43 0.42 0.00	57.54 0.23 -0.02	56.19 0.22 -0.03	56.65 0.28 -0.04	57.23 0.34 -0.04	61.69 0.43 -0.04	81.81 0.81 -0.04	108.39 1.50 -0.04	95.41 1.41 -0.04	85.90 1.27 -0.02	70.12 0.90 -0.04	62.57 0.56 -0.04	54.25 0.48 0.00	50.06 0.35 0.00
MILLSEAT___LFGE 323607	44.90 -1.10 0.00	43.84 -1.40 0.00	40.88 -1.57 0.00	40.49 -1.55 0.00	42.35 -2.27 0.00	45.81 -3.29 0.00	59.46 -5.52 0.00	67.84 -7.21 0.01	58.42 -5.22 0.00	55.64 -4.32 0.00	55.81 -4.20 0.00	53.16 -4.13 0.01	51.56 -4.36 0.01	51.42 -4.90 0.01	51.84 -5.00 0.01	55.52 -5.69 0.01	73.02 -7.93 0.01	97.55 -9.30 0.01	85.31 -8.64 0.01	77.25 -7.36 0.01	62.81 -6.36 0.01	55.58 -6.38 0.01	49.41 -4.35 0.00	46.43 -3.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.62 2.62 0.00	47.78 2.53 0.00	44.66 2.21 0.00	44.24 2.19 0.00	47.13 2.50 0.00	52.05 2.95 0.00	68.76 3.77 0.00	79.57 4.50 0.00	67.52 3.88 0.00	63.79 3.84 0.00	63.85 3.84 0.00	61.14 3.84 -0.01	59.95 3.97 -0.05	60.42 4.06 -0.03	61.14 4.26 -0.02	66.00 4.78 0.00	87.04 6.07 0.00	114.45 7.59 0.00	100.64 6.67 0.00	90.45 5.84 0.00	73.55 4.36 0.00	66.19 4.21 0.00	56.89 3.12 0.00	52.55 2.83 0.00
MILLWOOD_13_KV_LOAD 356217	48.76 2.76 0.00	47.87 2.62 0.00	44.79 2.33 0.00	44.32 2.27 0.00	47.22 2.59 0.00	52.19 3.09 0.00	68.95 3.96 0.00	79.87 4.80 0.00	67.64 4.01 0.00	63.91 3.96 0.00	63.97 3.96 0.00	61.25 3.95 -0.01	60.06 4.08 -0.05	60.59 4.22 -0.03	61.26 4.38 -0.02	66.13 4.90 0.00	87.28 6.32 0.00	114.77 7.91 0.00	100.92 6.95 0.00	90.71 6.09 0.00	73.75 4.57 0.00	66.31 4.34 0.00	56.99 3.23 0.00	52.65 2.93 0.00
MODEL_CITY_ENERGY 24167	43.79 -2.21 0.00	42.76 -2.49 0.00	39.78 -2.67 0.00	39.40 -2.65 0.00	41.24 -3.39 0.00	44.34 -4.76 0.00	57.19 -7.80 0.00	65.07 -9.98 0.01	56.06 -7.57 0.00	53.60 -6.36 0.00	53.77 -6.24 0.00	51.16 -6.13 0.01	49.71 -6.21 0.01	49.55 -6.76 0.01	49.96 -6.88 0.01	53.44 -7.78 0.01	70.18 -10.77 0.01	93.38 -13.47 0.01	81.65 -12.31 0.01	73.94 -10.66 0.01	60.18 -8.99 0.01	53.35 -8.61 0.01	47.64 -6.13 0.00	44.94 -4.77 0.00
MODERN_LFGE___ 323580	43.79 -2.21 0.00	42.76 -2.49 0.00	39.78 -2.67 0.00	39.40 -2.65 0.00	41.24 -3.39 0.00	44.34 -4.76 0.00	57.19 -7.80 0.00	65.07 -9.98 0.01	56.06 -7.57 0.00	53.60 -6.36 0.00	53.77 -6.24 0.00	51.16 -6.13 0.01	49.71 -6.21 0.01	49.55 -6.76 0.01	49.96 -6.88 0.01	53.44 -7.78 0.01	70.18 -10.77 0.01	93.38 -13.47 0.01	81.65 -12.31 0.01	73.94 -10.66 0.01	60.18 -8.99 0.01	53.35 -8.61 0.01	47.64 -6.13 0.00	44.94 -4.77 0.00
MOHAWK_PAPER___DRP 24187	47.15 1.15 0.00	46.42 1.18 0.00	43.68 1.23 0.00	43.23 1.18 0.00	45.88 1.25 0.00	50.57 1.47 0.00	67.07 2.08 0.00	77.46 2.40 0.00	65.48 1.85 0.00	61.63 1.68 0.00	61.75 1.74 0.00	59.13 1.83 0.00	57.84 1.90 0.00	58.30 1.97 0.00	58.96 2.10 0.00	63.55 2.33 0.00	84.29 3.32 0.00	110.28 3.42 0.00	97.16 3.19 0.00	87.24 2.62 0.00	71.40 2.21 0.00	63.83 1.86 0.00	55.38 1.61 0.00	51.21 1.49 0.00
MOHICAN___35_KV_115KV_LD 80490	48.67 2.67 0.00	48.14 2.90 0.00	45.17 2.72 0.00	44.66 2.61 0.00	46.64 2.01 0.00	51.46 2.36 0.00	68.30 3.31 0.00	78.82 3.75 0.00	66.31 2.67 0.00	62.23 2.28 0.00	62.23 2.22 0.00	59.58 2.29 0.00	58.17 2.24 0.00	58.53 2.20 0.00	59.36 2.50 0.00	63.98 2.76 0.00	85.34 4.37 0.00	111.89 5.02 0.00	98.66 4.70 0.00	88.34 3.72 0.00	72.58 3.39 0.00	64.64 2.66 0.00	56.08 2.31 0.00	51.80 2.09 0.00
MONGAUP___HYD 23641	48.39 2.39 0.00	47.64 2.40 0.00	44.53 2.08 0.00	44.07 2.02 0.00	46.95 2.32 0.00	51.90 2.80 0.00	68.89 3.90 0.00	79.57 4.50 0.00	67.19 3.56 0.00	63.31 3.36 0.00	63.13 3.12 0.00	60.27 2.98 0.00	59.01 3.07 0.00	59.48 3.15 0.00	60.15 3.30 0.00	65.09 3.86 0.00	86.31 5.34 0.00	114.13 7.27 0.00	100.44 6.48 0.00	90.20 5.58 0.00	73.48 4.29 0.00	66.07 4.09 0.00	56.88 3.12 0.00	52.30 2.58 0.00
MONTAUK___DIESEL 23721	49.45 3.45 0.00	48.23 2.99 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.62 2.99 0.00	53.22 4.12 0.00	66.35 1.36 0.01	76.63 1.58 0.01	65.61 1.97 0.00	62.17 2.22 0.00	62.17 2.16 0.00	61.24 3.95 0.00	60.19 4.20 -0.07	60.90 4.51 -0.06	61.84 4.95 -0.03	66.92 5.69 0.01	87.93 6.96 0.00	116.15 9.08 -0.20	102.52 8.55 0.00	91.47 6.85 0.00	73.41 4.22 0.00	67.28 4.77 -0.53	56.94 3.17 0.00	53.69 3.98 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	43.61 -2.39 0.00	42.58 -2.67 0.00	39.52 -2.93 0.00	39.36 -2.69 0.00	41.01 -3.61 0.00	44.63 -4.47 0.00	58.04 -6.95 0.00	66.11 -8.93 0.02	56.25 -7.38 0.00	53.66 -6.30 0.00	53.65 -6.36 0.00	50.69 -6.59 0.01	49.20 -6.71 0.02	49.55 -6.76 0.02	50.13 -6.71 0.02	54.04 -7.16 0.02	71.88 -9.07 0.02	96.80 -10.05 0.02	85.02 -8.93 0.02	74.11 -10.49 0.01	60.59 -8.58 0.02	54.09 -7.87 0.02	47.75 -6.02 0.00	44.25 -5.47 0.00

MORRIS_RIDGE___SOLAR 323848	44.30 -1.70 0.00	43.35 -1.90 0.00	40.54 -1.91 0.00	40.12 -1.93 0.00	41.68 -2.95 0.00	45.32 -3.78 0.00	59.08 -5.91 0.00	67.45 -7.58 0.03	57.59 -6.05 0.00	54.56 -5.40 0.00	54.55 -5.46 0.00	51.60 -5.67 0.02	50.20 -5.71 0.03	50.22 -6.08 0.03	50.80 -6.03 0.03	54.89 -6.30 0.03	72.84 -8.10 0.03	96.15 -10.69 0.03	84.35 -9.59 0.03	76.39 -8.21 0.01	62.03 -7.12 0.03	55.38 -6.57 0.03	48.77 -5.00 0.00	45.59 -4.13 0.00
MORTIMER_115KV_TB3 55949	44.76 -1.24 0.00	43.80 -1.45 0.00	41.01 -1.44 0.00	40.83 -1.22 0.00	42.84 -1.79 0.00	46.84 -2.26 0.00	61.22 -3.77 0.00	70.25 -4.80 0.01	60.26 -3.37 0.00	57.26 -2.70 0.00	57.43 -2.58 0.00	54.83 -2.46 0.00	53.07 -2.85 0.01	53.34 -2.99 0.01	53.72 -3.13 0.01	56.87 -4.35 0.01	75.37 -5.59 0.01	100.66 -6.20 0.01	87.85 -6.11 0.01	79.62 -4.99 0.00	65.03 -4.15 0.01	57.81 -4.15 0.01	50.92 -2.85 0.00	47.18 -2.54 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	49.04 3.04 0.00	48.14 2.90 0.00	45.00 2.55 0.00	44.53 2.48 0.00	47.49 2.86 0.00	52.49 3.39 0.00	69.27 4.29 0.00	80.09 5.03 0.00	68.02 4.39 0.00	64.32 4.38 0.01	64.38 4.38 0.01	61.45 4.35 0.19	59.43 4.47 0.98	60.23 4.62 0.72	61.26 4.83 0.43	66.57 5.39 0.04	87.85 6.88 0.00	115.41 8.55 0.00	101.48 7.52 0.00	91.13 6.52 0.00	74.03 4.84 0.00	66.74 4.77 0.01	57.31 3.55 0.00	53.00 3.28 0.00
MUNSVILLE_WIND_PWR 323609	48.57 2.57 0.00	47.78 2.53 0.00	44.87 2.42 0.00	44.23 2.19 0.00	46.99 2.36 0.00	51.95 2.85 0.00	69.21 4.22 0.00	79.89 4.81 -0.02	67.64 4.01 0.00	63.31 3.36 0.00	63.13 3.12 0.00	59.53 2.23 -0.01	58.19 2.24 -0.02	58.71 2.37 -0.02	59.26 2.39 -0.02	64.37 3.12 -0.02	85.84 4.86 -0.02	114.79 7.91 -0.02	100.66 6.67 -0.02	90.97 6.35 -0.01	74.33 5.12 -0.02	66.02 4.03 -0.02	56.78 3.01 0.00	52.40 2.68 0.00
N SALMON___HYD 24042	45.91 -0.09 0.00	45.15 -0.09 0.00	42.33 -0.13 0.00	41.97 -0.08 0.00	44.67 0.04 0.00	48.90 -0.20 0.00	64.79 -0.19 0.00	75.14 0.08 0.00	63.32 -0.32 0.00	59.47 -0.48 0.00	59.41 -0.60 0.00	56.49 -0.80 0.00	54.98 -0.95 0.00	55.14 -1.19 0.00	55.55 -1.31 0.00	59.76 -1.47 0.00	78.86 -2.11 0.00	104.83 -2.03 0.00	92.09 -1.88 0.00	83.09 -1.52 0.00	68.15 -1.04 0.00	61.23 -0.74 0.00	53.34 -0.43 0.00	49.67 -0.05 0.00
N.AKRON__115KV_KNAPP 355671	44.44 -1.56 0.00	43.44 -1.81 0.00	40.42 -2.04 0.00	40.62 -1.43 0.00	42.09 -2.54 0.00	45.66 -3.44 0.00	59.14 -5.85 0.00	67.62 -7.43 0.01	58.10 -5.54 0.00	55.40 -4.56 0.00	55.57 -4.44 0.00	52.87 -4.41 0.01	51.06 -4.87 0.01	51.36 -4.96 0.01	51.67 -5.17 0.01	54.72 -6.49 0.01	72.69 -8.26 0.01	96.70 -10.15 0.01	84.37 -9.58 0.01	76.32 -8.29 0.01	62.39 -6.78 0.01	55.52 -6.45 0.01	49.25 -4.52 0.00	45.79 -3.93 0.00
N.E_GEN_SANDY PD 24062	47.10 1.10 0.00	46.38 1.13 0.00	43.69 1.23 0.00	43.35 1.30 0.00	46.10 1.47 0.00	50.77 1.67 0.00	67.90 2.60 -0.31	77.91 2.85 0.00	65.92 2.29 0.00	61.99 2.04 0.00	62.23 2.22 0.00	65.54 2.35 -5.90	66.12 2.35 -7.84	71.65 2.37 -12.95	77.03 2.50 -17.67	76.86 2.76 -12.87	90.00 3.81 -5.23	110.38 3.52 0.00	97.54 3.57 0.00	87.58 2.96 0.00	71.67 2.49 0.00	64.27 2.29 0.00	55.70 1.93 0.00	51.35 1.64 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.58 2.58 0.00	47.69 2.44 0.00	44.62 2.17 0.00	44.19 2.14 0.00	47.08 2.45 0.00	52.00 2.90 0.00	68.76 3.77 0.00	79.57 4.50 0.00	67.45 3.82 0.00	63.73 3.78 0.00	63.79 3.78 0.00	61.07 3.78 0.00	59.85 3.92 0.00	60.33 4.00 0.00	61.01 4.15 0.00	65.88 4.65 0.00	86.88 5.91 0.00	114.34 7.48 0.00	100.54 6.58 0.00	90.37 5.75 0.00	73.48 4.29 0.00	66.13 4.15 0.00	56.83 3.06 0.00	52.50 2.78 0.00
N.QUEENS_27_KV_LOAD 356247	49.55 3.54 -0.01	48.69 3.44 -0.01	45.52 3.06 -0.01	45.08 3.03 -0.01	48.03 3.39 -0.01	53.08 3.98 -0.01	69.55 4.55 -0.01	79.94 4.88 0.00	68.22 4.58 0.00	64.65 4.68 -0.02	64.82 4.80 -0.01	62.33 4.70 -0.34	62.41 4.81 -1.67	62.51 4.96 -1.23	62.87 5.12 -0.89	67.00 5.69 -0.08	87.93 6.96 0.00	115.52 8.66 0.00	101.48 7.52 0.00	91.13 6.52 0.00	73.89 4.70 0.00	67.01 5.02 -0.02	57.92 4.14 -0.01	53.60 3.88 -0.01
N.TROY___115KV_TB1 355778	47.33 1.33 0.00	46.65 1.40 0.00	43.90 1.44 0.00	43.44 1.39 0.00	46.10 1.47 0.00	50.77 1.67 0.00	67.39 2.40 0.00	77.84 2.78 0.00	65.73 2.10 0.00	61.87 1.92 0.00	61.99 1.98 0.00	59.36 2.06 0.00	58.00 2.07 0.00	58.47 2.14 0.00	59.19 2.33 0.00	63.80 2.57 0.00	84.61 3.64 0.00	110.60 3.74 0.00	97.54 3.57 0.00	87.58 2.96 0.00	71.68 2.49 0.00	64.08 2.11 0.00	55.54 1.77 0.00	51.36 1.64 0.00
NARROWS_GT1_1 24228	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT1_2 24229	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT1_3 24230	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT1_4 24231	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT1_5 24232	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01

NARROWS_GT1_6 24233	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT1_7 24234	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT1_8 24235	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.89 4.24 -0.35	62.00 4.31 -1.76	62.07 4.45 -1.29	62.25 4.60 -0.78	66.82 5.51 -0.08	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT2_1 24236	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT2_2 24237	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT2_3 24238	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT2_4 24239	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT2_5 24240	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT2_6 24241	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT2_7 24242	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NARROWS_GT2_8 24243	49.69 3.68 -0.01	48.78 3.53 -0.01	45.48 3.01 -0.01	45.04 2.99 -0.01	47.99 3.35 -0.01	53.13 4.03 -0.01	69.74 4.74 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	61.95 4.24 -0.42	62.38 4.31 -2.14	62.35 4.45 -1.57	62.41 4.60 -0.95	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.03 4.84 0.00	67.32 5.33 -0.02	57.92 4.14 -0.01	53.40 3.68 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.52 1.52 0.00	46.78 1.54 0.00	44.02 1.57 0.00	43.52 1.47 0.00	46.28 1.65 0.00	50.97 1.87 0.00	67.78 2.79 0.00	78.29 3.23 0.00	65.92 2.29 0.00	61.81 1.86 0.00	61.69 1.68 0.00	59.07 1.78 0.00	57.72 1.79 0.00	58.13 1.80 0.00	58.85 1.99 0.00	63.68 2.45 0.00	84.85 3.89 0.00	111.56 4.70 0.00	98.38 4.42 0.00	88.08 3.47 0.00	72.16 2.98 0.00	64.52 2.54 0.00	55.86 2.10 0.00	51.65 1.94 0.00
NCHELSEA_115KV_TR2 355582	48.67 2.67 0.00	47.82 2.58 0.00	44.75 2.29 0.00	44.28 2.23 0.00	47.22 2.59 0.00	52.14 3.04 0.00	69.02 4.03 0.00	79.87 4.80 0.00	67.71 4.07 0.00	63.91 3.96 0.00	63.91 3.90 0.00	61.25 3.95 0.00	60.02 4.08 0.00	60.50 4.17 0.00	61.12 4.26 0.00	66.06 4.84 0.00	87.28 6.32 0.00	114.88 8.01 0.00	100.92 6.95 0.00	90.62 6.01 0.00	73.82 4.64 0.00	66.31 4.34 0.00	57.05 3.28 0.00	52.65 2.93 0.00
NEG CAPITAL___MECHNVIL 23645	47.70 1.70 0.00	47.10 1.86 0.00	44.24 1.78 0.00	43.77 1.72 0.00	46.59 1.96 0.00	51.41 2.31 0.00	68.24 3.25 0.00	78.74 3.68 0.00	66.43 2.80 0.00	62.47 2.52 0.00	62.53 2.52 0.00	59.81 2.52 0.00	58.39 2.46 0.00	58.87 2.54 0.00	59.59 2.73 0.00	64.23 3.00 0.00	85.50 4.53 0.00	111.89 5.02 0.00	98.76 4.79 0.00	88.51 3.89 0.00	72.58 3.39 0.00	64.89 2.91 0.00	56.13 2.36 0.00	51.80 2.09 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.30 -1.70 0.00	43.35 -1.90 0.00	40.67 -1.78 0.00	40.28 -1.76 0.00	42.35 -2.27 0.00	46.40 -2.70 0.00	60.96 -4.03 0.00	70.18 -4.88 0.00	60.13 -3.50 0.00	56.96 -3.00 0.00	57.13 -2.88 0.00	54.60 -2.69 0.00	53.13 -2.80 0.00	53.17 -3.15 0.00	53.55 -3.30 0.00	57.37 -3.86 0.00	75.38 -5.59 0.00	100.77 -6.09 0.00	88.23 -5.74 0.00	79.70 -4.91 0.00	64.89 -4.29 0.00	57.51 -4.46 0.00	50.59 -3.17 0.00	47.08 -2.64 0.00

NEG CENTRAL___DRP 24199	45.36 -0.64 0.00	44.52 -0.72 0.00	41.73 -0.72 0.00	41.42 -0.63 0.00	43.78 -0.85 0.00	48.07 -1.03 0.00	63.62 -1.36 0.00	73.56 -1.50 0.00	62.62 -1.02 0.00	59.06 -0.90 0.00	59.11 -0.90 0.00	56.38 -0.92 0.00	54.93 -1.01 0.00	55.32 -1.01 0.00	55.78 -1.08 0.00	59.76 -1.47 0.00	79.10 -1.86 0.00	105.05 -1.82 0.00	92.18 -1.79 0.00	83.09 -1.52 0.00	67.87 -1.31 0.00	60.43 -1.55 0.00	52.69 -1.08 0.00	48.62 -1.09 0.00
NEG CENTRAL___INDECK 23768	46.18 0.18 0.00	45.11 -0.14 0.00	42.24 -0.21 0.00	41.80 -0.25 0.00	43.65 -0.98 0.00	47.67 -1.43 0.00	62.71 -2.28 0.00	73.90 -1.12 0.04	62.55 -1.08 0.00	58.34 -1.62 0.00	57.85 -2.16 0.00	54.70 -2.58 0.02	53.05 -2.85 0.04	53.15 -3.15 0.02	53.65 -3.18 0.02	57.89 -3.31 0.02	73.98 -6.96 0.02	99.14 -7.70 0.02	87.09 -6.86 0.02	78.93 -5.67 0.01	64.18 -4.98 0.02	56.81 -5.14 0.02	51.83 -1.93 0.00	48.27 -1.44 0.00
NEG CENTRAL___SENECA 23627	45.22 -0.78 0.00	44.34 -0.90 0.00	41.56 -0.89 0.00	41.25 -0.80 0.00	43.56 -1.07 0.00	47.82 -1.28 0.00	63.10 -1.88 0.00	72.88 -2.18 0.00	62.17 -1.46 0.00	58.76 -1.20 0.00	58.81 -1.20 0.00	56.15 -1.15 0.00	54.59 -1.34 0.00	54.92 -1.41 0.00	55.38 -1.48 0.00	59.14 -2.08 0.00	78.37 -2.59 0.00	104.19 -2.67 0.00	91.24 -2.73 0.00	82.41 -2.20 0.00	67.25 -1.94 0.00	59.87 -2.11 0.00	52.26 -1.51 0.00	48.32 -1.39 0.00
NEG CENTRAL___STATE_STREET 24147	45.72 -0.28 0.00	44.88 -0.36 0.00	42.07 -0.38 0.00	41.71 -0.34 0.00	44.14 -0.49 0.00	48.56 -0.54 0.00	64.47 -0.52 0.00	74.54 -0.53 -0.01	63.32 -0.32 0.00	59.60 -0.36 0.00	59.59 -0.42 0.00	56.84 -0.46 0.00	55.49 -0.45 -0.01	55.88 -0.45 -0.01	56.35 -0.51 -0.01	60.62 -0.61 -0.01	80.32 -0.65 -0.01	106.44 -0.43 -0.01	93.60 -0.38 -0.01	84.36 -0.25 0.00	68.85 -0.35 -0.01	61.36 -0.62 -0.01	53.34 -0.43 0.00	49.22 -0.50 0.00
NEG MILLWOOD___DRP 24198	48.94 2.94 0.00	48.10 2.85 0.00	45.00 2.55 0.00	44.53 2.48 0.00	47.49 2.86 0.00	52.44 3.34 0.00	69.34 4.35 0.00	80.39 5.33 0.00	68.09 4.45 0.00	64.21 4.26 0.00	64.27 4.26 0.00	61.53 4.24 0.00	60.30 4.36 0.00	60.89 4.56 0.00	61.52 4.66 0.00	66.43 5.20 0.00	87.85 6.88 0.00	115.52 8.66 0.00	101.39 7.42 0.00	91.22 6.60 0.00	74.31 5.12 0.00	66.62 4.65 0.00	57.26 3.49 0.00	52.90 3.18 0.00
NEG NORTH_FLCN_SEA 23793	45.03 -0.97 0.00	44.30 -0.95 0.00	41.56 -0.89 0.00	41.21 -0.84 0.00	43.83 -0.80 0.00	47.82 -1.28 0.00	63.56 -1.43 0.00	73.56 -1.50 0.00	62.11 -1.53 0.00	58.40 -1.56 0.00	58.27 -1.74 0.00	55.40 -1.89 0.00	53.81 -2.13 0.00	53.79 -2.53 0.00	54.19 -2.67 0.00	58.41 -2.82 0.00	76.92 -4.05 0.00	102.16 -4.70 0.00	89.74 -4.23 0.00	81.15 -3.47 0.00	66.49 -2.70 0.00	59.93 -2.05 0.00	52.15 -1.61 0.00	48.42 -1.29 0.00
NEG NORTH_KES_CHATEGAY 23792	45.22 -0.78 0.00	44.48 -0.77 0.00	41.73 -0.72 0.00	41.33 -0.71 0.00	43.96 -0.67 0.00	48.27 -0.83 0.00	64.08 -0.91 0.00	74.16 -0.90 0.00	62.62 -1.02 0.00	58.82 -1.14 0.00	58.69 -1.32 0.00	55.80 -1.49 0.00	54.20 -1.73 0.00	54.25 -2.08 0.00	54.64 -2.22 0.00	58.90 -2.33 0.00	77.73 -3.24 0.00	103.34 -3.53 0.00	90.77 -3.19 0.00	81.99 -2.62 0.00	67.18 -2.01 0.00	60.55 -1.43 0.00	52.69 -1.08 0.00	48.87 -0.85 0.00
NEG NORTH___ALICE_FALLS 23915	45.36 -0.64 0.00	44.61 -0.63 0.00	41.82 -0.64 0.00	41.46 -0.59 0.00	44.14 -0.49 0.00	48.31 -0.79 0.00	64.27 -0.71 0.00	74.39 -0.68 0.00	62.74 -0.89 0.00	59.00 -0.96 0.00	58.81 -1.20 0.00	55.92 -1.38 0.00	54.26 -1.68 0.00	54.25 -2.08 0.00	54.70 -2.16 0.00	58.96 -2.27 0.00	77.73 -3.24 0.00	103.34 -3.53 0.00	90.87 -3.10 0.00	82.08 -2.54 0.00	67.25 -1.94 0.00	60.61 -1.36 0.00	52.75 -1.02 0.00	48.92 -0.80 0.00
NEG NORTH___LWR_SARANAC 23913	45.36 -0.64 0.00	44.61 -0.63 0.00	41.82 -0.64 0.00	41.46 -0.59 0.00	44.14 -0.49 0.00	48.31 -0.79 0.00	64.27 -0.71 0.00	74.39 -0.68 0.00	62.74 -0.89 0.00	59.00 -0.96 0.00	58.81 -1.20 0.00	55.92 -1.38 0.00	54.26 -1.68 0.00	54.25 -2.08 0.00	54.70 -2.16 0.00	58.96 -2.27 0.00	77.73 -3.24 0.00	103.34 -3.53 0.00	90.87 -3.10 0.00	82.08 -2.54 0.00	67.25 -1.94 0.00	60.61 -1.36 0.00	52.75 -1.02 0.00	48.92 -0.80 0.00
NEG NORTH___PLATTSBURG 23628	45.36 -0.64 0.00	44.61 -0.63 0.00	41.82 -0.64 0.00	41.46 -0.59 0.00	44.14 -0.49 0.00	47.92 -1.18 0.00	63.24 -1.75 0.00	73.26 -1.80 0.00	61.85 -1.78 0.00	58.03 -1.92 0.00	57.85 -2.16 0.00	55.06 -2.24 0.00	53.59 -2.35 0.00	54.02 -2.31 0.00	54.52 -2.33 0.00	58.71 -2.51 0.00	77.57 -3.40 0.00	103.12 -3.74 0.00	90.59 -3.38 0.00	81.65 -2.96 0.00	66.83 -2.35 0.00	59.80 -2.17 0.00	52.21 -1.56 0.00	48.92 -0.80 0.00
NEG WEST_LEA_LOCKPORT 23791	43.65 -2.35 0.00	42.71 -2.53 0.00	39.74 -2.72 0.00	39.95 -2.10 0.00	41.33 -3.30 0.00	44.73 -4.37 0.00	57.71 -7.28 0.00	65.82 -9.23 0.01	56.51 -7.13 0.00	54.08 -5.88 0.00	54.25 -5.76 0.00	51.56 -5.73 0.01	49.82 -6.10 0.01	50.18 -6.14 0.01	50.53 -6.31 0.01	53.38 -7.84 0.01	70.91 -10.04 0.01	93.92 -12.93 0.01	81.92 -12.03 0.01	74.12 -10.49 0.01	60.66 -8.51 0.01	54.09 -7.87 0.01	48.12 -5.65 0.00	44.79 -4.92 0.00
NEG WEST___LANCASTR 23811	43.65 -2.35 0.00	42.71 -2.53 0.00	39.86 -2.59 0.00	39.86 -2.19 0.00	41.51 -3.12 0.00	45.12 -3.98 0.00	58.68 -6.30 0.00	67.16 -7.88 0.02	57.08 -6.55 0.00	54.56 -5.40 0.00	54.67 -5.34 0.00	51.73 -5.56 0.01	50.83 -5.09 0.02	51.47 -4.84 0.02	52.18 -4.66 0.02	57.47 -3.73 0.02	75.77 -5.18 0.02	96.16 -10.69 0.02	85.12 -8.83 0.02	75.30 -9.31 0.01	61.84 -7.33 0.02	55.82 -6.14 0.02	48.55 -5.22 0.00	45.14 -4.57 0.00
NEG_PENN_ALLEGHNY 23528	46.46 0.46 0.00	45.65 0.41 0.00	42.79 0.34 0.00	42.38 0.33 0.00	44.81 0.18 0.00	49.30 0.20 0.00	65.32 0.33 0.00	75.36 0.30 0.00	64.02 0.38 0.00	60.49 0.54 0.00	60.49 0.48 0.00	57.64 0.35 0.00	56.27 0.34 0.00	56.61 0.28 0.00	57.20 0.34 0.00	61.66 0.43 0.00	81.69 0.73 0.00	107.50 0.65 0.00	94.44 0.47 0.00	85.12 0.51 0.00	69.46 0.28 0.00	62.16 0.19 0.00	53.87 0.11 0.00	49.82 0.10 0.00
NEG___GEN_MONROE 24207	44.85 -1.15 0.00	43.89 -1.36 0.00	41.09 -1.36 0.00	40.96 -1.09 0.00	42.93 -1.70 0.00	46.89 -2.21 0.00	61.09 -3.90 0.00	70.03 -5.03 0.01	60.01 -3.63 0.00	57.14 -2.82 0.00	57.31 -2.70 0.00	54.65 -2.64 0.00	52.85 -3.08 0.01	53.05 -3.27 0.01	53.44 -3.41 0.01	56.56 -4.65 0.01	74.97 -5.99 0.01	100.12 -6.73 0.01	87.47 -6.48 0.01	79.20 -5.42 0.00	64.75 -4.43 0.01	57.63 -4.34 0.01	50.81 -2.96 0.00	47.18 -2.54 0.00
NEPA___ENERGY 23901	44.07 -1.93 0.00	43.12 -2.13 0.00	40.25 -2.21 0.00	40.20 -1.85 0.00	41.91 -2.72 0.00	45.56 -3.54 0.00	59.27 -5.72 0.00	67.69 -7.36 0.02	57.65 -5.98 0.00	54.98 -4.98 0.00	55.09 -4.92 0.00	52.13 -5.16 0.01	50.77 -5.15 0.02	51.13 -5.18 0.02	51.61 -5.23 0.02	55.51 -5.69 0.02	73.50 -7.45 0.02	96.69 -10.15 0.02	84.93 -9.02 0.02	76.06 -8.55 0.01	62.25 -6.92 0.02	55.57 -6.38 0.02	48.98 -4.79 0.00	45.49 -4.23 0.00

NEVERSINK___HYD 23608	48.39 2.39 0.00	47.64 2.40 0.00	44.53 2.08 0.00	44.07 2.02 0.00	46.95 2.32 0.00	51.95 2.85 0.00	68.95 3.96 0.00	79.72 4.66 0.00	67.45 3.82 0.00	63.67 3.72 0.00	63.49 3.48 0.00	60.67 3.38 0.00	59.40 3.47 0.00	59.82 3.49 0.00	60.44 3.58 0.00	65.33 4.10 0.00	86.55 5.58 0.00	114.34 7.48 0.00	100.44 6.48 0.00	90.20 5.58 0.00	73.55 4.36 0.00	66.13 4.15 0.00	56.83 3.06 0.00	52.30 2.58 0.00
NEWKRMKL_115KV_TB1 55635	46.87 0.87 0.00	46.10 0.86 0.00	43.43 0.98 0.00	42.97 0.93 0.00	45.61 0.98 0.00	50.23 1.13 0.00	66.61 1.62 0.00	76.94 1.88 0.00	65.03 1.40 0.00	61.21 1.26 0.00	61.45 1.44 0.00	58.84 1.55 0.00	57.56 1.62 0.00	58.02 1.69 0.00	58.68 1.82 0.00	63.25 2.02 0.00	83.80 2.83 0.00	109.64 2.78 0.00	96.50 2.54 0.00	86.65 2.03 0.00	70.92 1.73 0.00	63.46 1.49 0.00	55.06 1.29 0.00	51.01 1.29 0.00
NEWTON___FALLS_HYD 23847	46.23 0.23 0.00	45.52 0.27 0.00	42.71 0.25 0.00	42.22 0.17 0.00	44.94 0.31 0.00	49.54 0.44 0.00	65.77 0.78 0.00	76.04 0.98 0.00	63.70 0.06 0.00	59.66 -0.30 0.00	59.65 -0.36 0.00	56.72 -0.57 0.00	55.32 -0.62 0.00	55.60 -0.73 0.00	55.95 -0.91 0.00	60.06 -1.16 0.00	79.43 -1.54 0.00	105.79 -1.07 0.00	93.03 -0.94 0.00	84.19 -0.42 0.00	68.98 -0.21 0.00	62.10 0.12 0.00	53.82 0.05 0.00	49.77 0.05 0.00
NGRID_A1_DSASP 323792	42.69 -3.31 0.00	41.76 -3.48 0.00	39.44 -3.01 0.00	39.02 -3.03 0.00	41.01 -3.61 0.00	43.94 -5.16 0.00	56.54 -8.45 0.00	64.39 -10.66 0.01	55.36 -8.27 0.00	53.12 -6.83 0.00	53.23 -6.78 0.00	50.64 -6.65 0.01	48.87 -7.05 0.01	49.22 -7.10 0.01	49.51 -7.33 0.01	52.09 -9.12 0.01	69.21 -11.74 0.01	91.67 -15.17 0.01	79.86 -14.09 0.01	72.34 -12.27 0.01	59.35 -9.82 0.01	52.91 -9.05 0.01	47.21 -6.56 0.00	44.00 -5.72 0.00
NGRID_A2_DSASP 323793	42.69 -3.31 0.00	41.76 -3.48 0.00	39.44 -3.01 0.00	39.02 -3.03 0.00	41.01 -3.61 0.00	43.94 -5.16 0.00	56.54 -8.45 0.00	64.39 -10.66 0.01	55.36 -8.27 0.00	53.12 -6.83 0.00	53.23 -6.78 0.00	50.64 -6.65 0.01	48.87 -7.05 0.01	49.22 -7.10 0.01	49.51 -7.33 0.01	52.09 -9.12 0.01	69.21 -11.74 0.01	91.67 -15.17 0.01	79.86 -14.09 0.01	72.34 -12.27 0.01	59.35 -9.82 0.01	52.91 -9.05 0.01	47.21 -6.56 0.00	44.00 -5.72 0.00
NGRID_A4_DSASP 323807	42.69 -3.31 0.00	41.76 -3.48 0.00	39.44 -3.01 0.00	39.02 -3.03 0.00	41.01 -3.61 0.00	43.94 -5.16 0.00	56.54 -8.45 0.00	64.39 -10.66 0.01	55.36 -8.27 0.00	53.12 -6.83 0.00	53.23 -6.78 0.00	50.64 -6.65 0.01	48.87 -7.05 0.01	49.22 -7.10 0.01	49.51 -7.33 0.01	52.09 -9.12 0.01	69.21 -11.74 0.01	91.67 -15.17 0.01	79.86 -14.09 0.01	72.34 -12.27 0.01	59.35 -9.82 0.01	52.91 -9.05 0.01	47.21 -6.56 0.00	44.00 -5.72 0.00
NIAGARA_115E_LBMP 323715	43.66 -2.34 0.00	42.62 -2.63 0.00	39.56 -2.89 0.00	39.19 -2.86 0.00	41.06 -3.57 0.00	44.09 -5.01 0.00	56.80 -8.19 0.00	64.62 -10.43 0.01	55.68 -7.96 0.00	53.30 -6.66 0.00	53.41 -6.60 0.00	50.81 -6.47 0.01	49.38 -6.54 0.01	49.22 -7.10 0.01	49.62 -7.22 0.01	53.07 -8.14 0.01	69.70 -11.25 0.01	92.64 -14.21 0.01	80.98 -12.97 0.01	73.44 -11.17 0.01	59.76 -9.41 0.01	52.97 -8.99 0.01	47.31 -6.45 0.00	44.70 -5.02 0.00
NIAGARA_115W_LBMP 323714	43.06 -2.94 0.00	42.03 -3.21 0.00	39.91 -2.55 0.00	39.53 -2.52 0.00	40.52 -4.11 0.00	43.89 -5.21 0.00	56.48 -8.51 0.00	64.24 -10.81 0.01	55.43 -8.21 0.00	53.06 -6.89 0.00	53.17 -6.84 0.00	50.64 -6.64 0.01	49.21 -6.71 0.01	49.05 -7.27 0.01	49.40 -7.45 0.01	52.76 -8.45 0.01	69.13 -11.82 0.01	92.00 -14.85 0.01	80.42 -13.53 0.01	72.85 -11.76 0.01	59.49 -9.69 0.01	52.60 -9.36 0.01	47.04 -6.72 0.00	44.50 -5.22 0.00
NIAGARA_230_LBMP 323716	43.70 -2.30 0.00	42.67 -2.58 0.00	39.99 -2.46 0.00	39.61 -2.44 0.00	41.15 -3.48 0.00	44.58 -4.52 0.00	57.45 -7.54 0.00	65.37 -9.68 0.01	56.32 -7.32 0.00	53.90 -6.05 0.00	54.01 -6.00 0.00	51.44 -5.84 0.01	49.99 -5.93 0.01	49.84 -6.48 0.01	50.25 -6.59 0.01	53.68 -7.53 0.01	70.51 -10.44 0.01	93.70 -13.15 0.01	81.92 -12.03 0.01	74.20 -10.41 0.01	60.52 -8.65 0.01	53.59 -8.37 0.01	47.85 -5.91 0.00	45.19 -4.52 0.00
NIAGARA___115KV_198_GIBSON 55903	42.60 -3.40 0.00	41.67 -3.57 0.00	39.35 -3.10 0.00	38.94 -3.11 0.00	40.93 -3.70 0.00	43.85 -5.25 0.00	56.35 -8.64 0.00	64.24 -10.81 0.01	55.23 -8.40 0.00	52.94 -7.01 0.00	53.05 -6.96 0.00	50.47 -6.82 0.01	48.76 -7.16 0.01	49.05 -7.27 0.01	49.40 -7.45 0.01	51.97 -9.25 0.01	69.05 -11.90 0.01	91.46 -15.39 0.01	79.67 -14.28 0.01	72.17 -12.44 0.01	59.21 -9.96 0.01	52.73 -9.23 0.01	47.10 -6.67 0.00	43.90 -5.82 0.00
NIAGARA____ 23760	43.70 -2.30 0.00	42.67 -2.58 0.00	39.99 -2.46 0.00	39.61 -2.44 0.00	41.15 -3.48 0.00	44.58 -4.52 0.00	57.45 -7.54 0.00	65.37 -9.68 0.01	56.32 -7.32 0.00	53.90 -6.05 0.00	54.01 -6.00 0.00	51.44 -5.84 0.01	49.99 -5.93 0.01	49.84 -6.48 0.01	50.25 -6.59 0.01	53.68 -7.53 0.01	70.51 -10.44 0.01	93.70 -13.15 0.01	81.92 -12.03 0.01	74.20 -10.41 0.01	60.52 -8.65 0.01	53.59 -8.37 0.01	47.85 -5.91 0.00	45.19 -4.52 0.00
NINE_MILE_1 23575	44.30 -1.70 0.00	43.53 -1.72 0.00	40.88 -1.57 0.00	40.49 -1.55 0.00	42.89 -1.74 0.00	47.13 -1.97 0.00	62.39 -2.60 0.00	72.06 -3.00 0.00	61.22 -2.42 0.00	57.68 -2.28 0.00	57.79 -2.22 0.00	55.17 -2.12 0.00	53.87 -2.07 0.00	54.19 -2.14 0.00	54.70 -2.16 0.00	58.84 -2.39 0.00	77.73 -3.24 0.00	102.80 -4.06 0.00	90.30 -3.67 0.00	81.40 -3.22 0.00	66.49 -2.70 0.00	59.37 -2.60 0.00	51.67 -2.10 0.00	47.78 -1.94 0.00
NINE_MILE_2 23744	44.30 -1.70 0.00	43.53 -1.72 0.00	40.88 -1.57 0.00	40.49 -1.55 0.00	42.89 -1.74 0.00	47.13 -1.97 0.00	62.39 -2.60 0.00	72.06 -3.00 0.00	61.22 -2.42 0.00	57.68 -2.28 0.00	57.79 -2.22 0.00	55.17 -2.12 0.00	53.87 -2.07 0.00	54.19 -2.14 0.00	54.70 -2.16 0.00	58.84 -2.39 0.00	77.73 -3.24 0.00	102.80 -4.06 0.00	90.30 -3.67 0.00	81.40 -3.22 0.00	66.49 -2.70 0.00	59.37 -2.60 0.00	51.67 -2.10 0.00	47.78 -1.94 0.00
NM_CAPITAL___DRP 24208	46.87 0.87 0.00	46.10 0.86 0.00	43.43 0.98 0.00	43.02 0.97 0.00	45.61 0.98 0.00	50.28 1.18 0.00	66.61 1.62 0.00	76.94 1.88 0.00	65.10 1.46 0.00	61.27 1.32 0.00	61.51 1.50 0.00	58.90 1.60 0.00	57.56 1.62 0.00	58.02 1.69 0.00	58.73 1.88 0.00	63.25 2.02 0.00	83.80 2.83 0.00	109.53 2.67 0.00	96.50 2.54 0.00	86.65 2.03 0.00	70.99 1.80 0.00	63.46 1.49 0.00	55.06 1.29 0.00	51.01 1.29 0.00
NM_CENTRAL___DRP 24181	45.22 -0.78 0.00	44.43 -0.81 0.00	41.69 -0.76 0.00	41.33 -0.71 0.00	43.74 -0.89 0.00	48.12 -0.98 0.00	63.69 -1.30 0.00	73.64 -1.43 0.00	62.55 -1.08 0.00	59.00 -0.96 0.00	59.05 -0.96 0.00	56.38 -0.92 0.00	55.04 -0.89 0.00	55.43 -0.90 0.00	55.95 -0.91 0.00	60.12 -1.10 0.00	79.59 -1.38 0.00	105.15 -1.71 0.00	92.37 -1.60 0.00	83.09 -1.52 0.00	67.94 -1.25 0.00	60.61 -1.36 0.00	52.75 -1.02 0.00	48.72 -0.99 0.00

NM_FRONTIER___DRP 24179	42.60 -3.40 0.00	41.67 -3.57 0.00	39.35 -3.10 0.00	38.94 -3.11 0.00	40.93 -3.70 0.00	43.85 -5.25 0.00	56.35 -8.64 0.00	64.24 -10.81 0.01	55.23 -8.40 0.00	52.94 -7.01 0.00	53.05 -6.96 0.00	50.47 -6.82 0.01	48.76 -7.16 0.01	49.05 -7.27 0.01	49.40 -7.45 0.01	51.97 -9.25 0.01	69.05 -11.90 0.01	91.46 -15.39 0.01	79.67 -14.28 0.01	72.17 -12.44 0.01	59.21 -9.96 0.01	52.73 -9.23 0.01	47.10 -6.67 0.00	43.90 -5.82 0.00
NM_ST_REGIS___HYD 24053	46.32 0.32 0.00	45.61 0.36 0.00	42.75 0.30 0.00	42.34 0.29 0.00	45.08 0.45 0.00	49.59 0.49 0.00	65.90 0.91 0.00	76.11 1.05 0.00	64.08 0.45 0.00	60.19 0.24 0.00	60.13 0.12 0.00	57.24 -0.06 0.00	55.65 -0.28 0.00	55.77 -0.56 0.00	56.01 -0.85 0.00	60.12 -1.10 0.00	79.10 -1.86 0.00	105.15 -1.71 0.00	92.46 -1.50 0.00	83.77 -0.85 0.00	68.77 -0.42 0.00	62.22 0.25 0.00	54.14 0.38 0.00	50.11 0.40 0.00
NORTHPORT___1 23551	49.31 3.31 0.00	48.28 3.03 0.00	44.96 2.50 0.00	44.70 2.65 0.00	47.57 2.94 0.00	53.08 3.98 0.00	67.26 2.27 0.01	77.46 2.40 0.01	66.11 2.48 0.00	63.01 3.06 0.00	62.71 2.70 0.00	61.88 4.59 0.00	60.70 4.70 -0.07	61.29 4.90 -0.06	61.89 5.00 -0.03	66.12 4.90 0.00	87.36 6.39 0.00	113.72 7.91 1.05	101.30 7.33 0.00	90.54 5.92 0.00	73.27 4.08 0.00	63.81 4.59 2.76	56.99 3.23 0.00	52.90 3.18 0.00
NORTHPORT___2 23552	49.31 3.31 0.00	48.28 3.03 0.00	44.96 2.50 0.00	44.70 2.65 0.00	47.57 2.94 0.00	53.08 3.98 0.00	67.26 2.27 0.01	77.46 2.40 0.01	66.11 2.48 0.00	63.01 3.06 0.00	62.71 2.70 0.00	61.88 4.59 0.00	60.70 4.70 -0.07	61.29 4.90 -0.06	61.89 5.00 -0.03	66.12 4.90 0.00	87.36 6.39 0.00	113.72 7.91 1.05	101.30 7.33 0.00	90.54 5.92 0.00	73.27 4.08 0.00	63.81 4.59 2.76	56.99 3.23 0.00	52.90 3.18 0.00
NORTHPORT___3 23553	49.22 3.22 0.00	48.14 2.90 0.00	44.87 2.42 0.00	44.57 2.52 0.00	47.49 2.86 0.00	52.98 3.88 0.00	67.19 2.21 0.01	77.30 2.25 0.01	66.05 2.42 0.00	62.89 2.94 0.00	62.59 2.58 0.00	61.76 4.47 0.00	60.59 4.59 -0.07	61.17 4.79 -0.06	61.72 4.83 -0.03	66.00 4.78 0.00	87.20 6.23 0.00	113.95 7.70 0.62	101.10 7.14 0.00	90.37 5.76 0.00	73.13 3.94 0.00	64.82 4.46 1.62	56.83 3.06 0.00	52.75 3.03 0.00
NORTHPORT___4 23650	49.22 3.22 0.00	48.14 2.90 0.00	44.87 2.42 0.00	44.57 2.52 0.00	47.49 2.86 0.00	52.98 3.88 0.00	67.19 2.21 0.01	77.30 2.25 0.01	66.05 2.42 0.00	62.89 2.94 0.00	62.59 2.58 0.00	61.76 4.47 0.00	60.59 4.59 -0.07	61.17 4.79 -0.06	61.72 4.83 -0.03	66.00 4.78 0.00	87.20 6.23 0.00	113.95 7.70 0.62	101.10 7.14 0.00	90.37 5.76 0.00	73.13 3.94 0.00	64.82 4.46 1.62	56.83 3.06 0.00	52.75 3.03 0.00
NORTHPORT___IC 23718	49.31 3.31 0.00	48.19 2.94 0.00	45.04 2.59 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.93 3.83 0.00	66.80 1.82 0.01	77.31 2.25 0.01	66.05 2.42 0.00	62.65 2.70 0.00	62.59 2.58 0.00	61.82 4.53 0.00	60.70 4.70 -0.07	61.23 4.84 -0.06	61.89 5.00 -0.03	66.73 5.51 0.01	87.52 6.56 0.00	113.83 8.01 1.05	101.48 7.52 0.00	90.96 6.35 0.00	73.27 4.08 0.00	63.74 4.52 2.76	56.89 3.12 0.00	53.34 3.63 0.00
NORTH___COUNTRY_ESR 323785	45.08 -0.92 0.00	44.34 -0.90 0.00	41.60 -0.85 0.00	41.25 -0.80 0.00	43.87 -0.76 0.00	47.92 -1.18 0.00	63.37 -1.62 0.00	73.34 -1.72 0.00	61.98 -1.65 0.00	58.21 -1.74 0.00	58.09 -1.92 0.00	55.29 -2.01 0.00	53.81 -2.13 0.00	54.13 -2.20 0.00	54.58 -2.28 0.00	58.71 -2.51 0.00	77.57 -3.40 0.00	102.91 -3.95 0.00	90.40 -3.57 0.00	81.49 -3.13 0.00	66.76 -2.42 0.00	59.93 -2.04 0.00	52.26 -1.51 0.00	48.77 -0.95 0.00
NPX_GEN_1385_PROXY 323591	48.95 2.95 0.00	47.87 2.62 0.00	44.66 2.21 0.00	44.70 2.65 0.00	47.44 2.81 0.00	53.08 3.98 0.00	67.00 2.02 0.01	77.38 2.33 0.01	66.11 2.48 0.00	63.01 3.06 0.00	62.77 2.76 0.00	61.99 4.70 0.00	60.75 4.75 -0.07	61.51 5.13 -0.06	62.12 5.23 -0.03	66.37 5.14 0.00	87.45 6.48 0.00	113.29 7.48 1.05	101.30 7.33 0.00	90.54 5.92 0.00	73.27 4.08 0.00	63.87 4.65 2.76	57.10 3.33 0.00	52.90 3.18 0.00
NPX_GEN_CSC 323557	49.72 3.72 0.00	48.59 3.35 0.00	45.21 2.76 0.00	44.95 2.90 0.00	47.89 3.26 0.00	53.52 4.42 0.00	67.97 2.99 0.01	77.91 2.85 0.01	66.69 3.05 0.00	63.55 3.60 0.00	63.07 3.06 0.00	62.16 4.87 0.00	60.98 4.98 -0.07	61.68 5.29 -0.06	62.52 5.63 -0.03	66.98 5.75 0.00	88.50 7.53 0.00	116.89 9.83 -0.20	102.99 9.02 0.00	91.72 7.11 0.00	74.24 5.05 0.00	68.27 5.76 -0.53	57.91 4.14 0.00	53.64 3.93 0.00
NSINS_S_GLNS_FALLS 23858	48.71 2.71 0.00	48.14 2.90 0.00	45.17 2.72 0.00	44.66 2.61 0.00	46.55 1.92 0.00	51.36 2.26 0.00	68.17 3.18 0.00	78.67 3.60 0.00	66.18 2.55 0.00	62.17 2.22 0.00	62.17 2.16 0.00	59.47 2.18 0.00	58.12 2.18 0.00	58.47 2.14 0.00	59.25 2.39 0.00	63.86 2.63 0.00	85.18 4.21 0.00	111.56 4.70 0.00	98.38 4.42 0.00	88.08 3.47 0.00	72.44 3.25 0.00	64.52 2.54 0.00	55.97 2.20 0.00	51.70 1.99 0.00
NUCOR_STEEL___DRP 24197	45.82 -0.18 0.00	44.97 -0.27 0.00	42.20 -0.25 0.00	41.84 -0.21 0.00	44.27 -0.36 0.00	48.66 -0.44 0.00	64.53 -0.45 0.00	74.62 -0.45 -0.01	63.38 -0.25 0.00	59.72 -0.24 0.00	59.71 -0.30 0.00	56.95 -0.34 0.00	55.60 -0.34 -0.01	56.00 -0.34 -0.01	56.47 -0.40 -0.01	60.74 -0.49 -0.01	80.41 -0.57 -0.01	106.44 -0.43 -0.01	93.60 -0.38 -0.01	84.36 -0.25 0.00	68.92 -0.28 -0.01	61.49 -0.50 -0.01	53.44 -0.32 0.00	49.32 -0.40 0.00
NUMBER_THREE_WT_PWR 323818	46.69 0.69 0.00	45.97 0.72 0.00	43.17 0.72 0.00	42.64 0.59 0.00	45.34 0.71 0.00	50.03 0.93 0.00	66.48 1.50 0.00	76.86 1.80 0.00	64.02 0.38 0.00	59.84 -0.12 0.00	59.89 -0.12 0.00	56.95 -0.34 0.00	55.60 -0.33 0.00	55.99 -0.34 0.00	56.46 -0.40 0.00	60.80 -0.43 0.00	80.80 -0.16 0.00	107.62 0.75 0.00	94.63 0.66 0.00	85.46 0.85 0.00	69.95 0.76 0.00	62.60 0.62 0.00	54.04 0.27 0.00	49.86 0.15 0.00
NYISO_LBMP_REFERENCE 24008	46.00 0.00 0.00	45.25 0.00 0.00	42.45 0.00 0.00	42.05 0.00 0.00	44.63 0.00 0.00	49.10 0.00 0.00	64.99 0.00 0.00	75.06 0.00 0.00	63.63 0.00 0.00	59.95 0.00 0.00	60.01 0.00 0.00	57.29 0.00 0.00	55.93 0.00 0.00	56.33 0.00 0.00	56.86 0.00 0.00	61.23 0.00 0.00	80.97 0.00 0.00	106.86 0.00 0.00	93.97 0.00 0.00	84.62 0.00 0.00	69.19 0.00 0.00	61.98 0.00 0.00	53.77 0.00 0.00	49.72 0.00 0.00
NYPA_BRENTWD____GT 24164	49.91 3.91 0.00	48.82 3.57 0.00	45.47 3.01 0.00	45.16 3.11 0.00	48.11 3.48 0.00	53.77 4.67 0.00	68.49 3.51 0.01	78.81 3.75 0.01	67.26 3.63 0.00	63.97 4.02 0.00	63.67 3.66 0.00	62.79 5.50 0.00	61.59 5.59 -0.07	62.25 5.86 -0.06	62.98 6.09 -0.04	67.40 6.18 0.00	89.14 8.17 0.00	117.30 10.26 -0.18	103.08 9.11 0.00	92.31 7.70 0.00	74.65 5.46 0.00	68.39 5.95 -0.46	57.96 4.20 0.00	53.69 3.98 0.00

NYPA_GOWANUS____GT5 24156	49.69	48.78	45.48	45.04	47.99	53.13	69.74	80.24	68.34	64.71	64.72	61.89	62.00	62.07	62.25	66.82	87.93	115.63	101.67	91.30	74.03	67.32	57.92	53.40
	3.68	3.53	3.01	2.99	3.35	4.03	4.74	5.18	4.71	4.74	4.68	4.24	4.31	4.45	4.60	5.51	6.96	8.76	7.71	6.68	4.84	5.33	4.14	3.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.02	-0.35	-1.76	-1.29	-0.78	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
NYPA_GOWANUS____GT6 24157	49.69	48.78	45.48	45.04	47.99	53.13	69.74	80.24	68.34	64.71	64.72	61.89	62.00	62.07	62.25	66.82	87.93	115.63	101.67	91.30	74.03	67.32	57.92	53.40
	3.68	3.53	3.01	2.99	3.35	4.03	4.74	5.18	4.71	4.74	4.68	4.24	4.31	4.45	4.60	5.51	6.96	8.76	7.71	6.68	4.84	5.33	4.14	3.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.02	-0.35	-1.76	-1.29	-0.78	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
NYPA_HARLEM__RVR__GT1 24160	49.46	48.69	45.48	45.04	47.99	53.04	69.61	79.93	68.21	64.64	64.70	61.92	60.79	61.22	61.91	66.69	87.51	115.20	101.29	90.87	73.74	67.00	57.86	53.40
	3.45	3.44	3.01	2.99	3.35	3.93	4.61	4.88	4.58	4.68	4.68	4.59	4.64	4.73	4.94	5.45	6.56	8.34	7.33	6.26	4.57	5.02	4.08	3.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.04	-0.22	-0.16	-0.11	-0.01	0.01	0.01	0.01	0.01	0.01	-0.01	-0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	49.46	48.69	45.48	45.04	47.99	53.04	69.61	79.93	68.21	64.64	64.70	61.92	60.79	61.22	61.91	66.69	87.51	115.20	101.29	90.87	73.74	67.00	57.86	53.40
	3.45	3.44	3.01	2.99	3.35	3.93	4.61	4.88	4.58	4.68	4.68	4.59	4.64	4.73	4.94	5.45	6.56	8.34	7.33	6.26	4.57	5.02	4.08	3.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.01	-0.04	-0.22	-0.16	-0.11	-0.01	0.01	0.01	0.01	0.01	0.01	-0.01	-0.01	-0.01
NYPA_KENT____GT 24152	49.55	48.69	45.39	44.96	47.94	53.04	69.74	80.32	68.34	64.71	64.72	62.12	62.55	62.48	62.56	66.83	87.93	115.51	101.57	91.13	73.96	67.26	57.86	53.35
	3.54	3.44	2.93	2.90	3.30	3.93	4.74	5.25	4.71	4.74	4.68	4.41	4.53	4.62	4.78	5.51	6.96	8.65	7.61	6.52	4.77	5.26	4.08	3.63
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.02	-0.41	-2.09	-1.53	-0.93	-0.09	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
NYPA_POUCH1____GT 24155	49.73	48.83	45.48	45.09	48.03	53.13	69.54	79.94	68.09	64.47	64.41	61.58	61.63	61.72	61.98	66.57	87.68	115.30	101.49	91.04	73.82	67.20	57.81	53.35
	3.72	3.57	3.01	3.03	3.39	4.03	4.55	4.88	4.45	4.50	4.38	3.95	4.03	4.17	4.38	5.27	6.72	8.44	7.52	6.43	4.64	5.21	4.03	3.63
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.02	-0.34	-1.67	-1.23	-0.74	-0.08	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
NYPA_VERNON____GT2 24162	49.41	48.60	45.31	44.92	47.85	52.94	69.74	80.32	68.41	64.71	64.77	62.34	62.68	62.61	62.71	66.89	87.84	115.51	101.57	91.13	73.96	67.20	57.81	53.25
	3.40	3.35	2.84	2.86	3.22	3.83	4.74	5.25	4.77	4.74	4.74	4.64	4.70	4.79	4.94	5.57	6.88	8.65	7.61	6.52	4.77	5.21	4.03	3.53
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.02	-0.40	-2.04	-1.50	-0.90	-0.09	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
NYPA_VERNON____GT3 24163	49.41	48.60	45.31	44.92	47.85	52.94	69.74	80.32	68.41	64.71	64.77	62.34	62.68	62.61	62.71	66.89	87.84	115.51	101.57	91.13	73.96	67.20	57.81	53.25
	3.40	3.35	2.84	2.86	3.22	3.83	4.74	5.25	4.77	4.74	4.74	4.64	4.70	4.79	4.94	5.57	6.88	8.65	7.61	6.52	4.77	5.21	4.03	3.53
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.02	-0.40	-2.04	-1.50	-0.90	-0.09	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
NYPA____ASTORIA_CC1 323568	49.41	48.60	45.35	44.92	47.85	52.94	69.68	80.24	68.34	64.65	64.77	62.28	62.60	62.60	62.70	66.83	87.77	115.51	101.49	91.04	73.89	67.13	57.81	53.30
	3.40	3.35	2.89	2.86	3.22	3.83	4.68	5.18	4.71	4.68	4.74	4.59	4.64	4.79	4.94	5.51	6.80	8.65	7.52	6.43	4.71	5.14	4.03	3.58
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.02	-0.40	-2.03	-1.49	-0.90	-0.09	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
NYPA____ASTORIA_CC2 323569	49.41	48.60	45.35	44.92	47.85	52.94	69.68	80.24	68.34	64.65	64.77	62.28	62.60	62.60	62.70	66.83	87.77	115.51	101.49	91.04	73.89	67.13	57.81	53.30
	3.40	3.35	2.89	2.86	3.22	3.83	4.68	5.18	4.71	4.68	4.74	4.59	4.64	4.79	4.94	5.51	6.80	8.65	7.52	6.43	4.71	5.14	4.03	3.58
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	-0.02	-0.02	-0.40	-2.03	-1.49	-0.90	-0.09	0.00	0.00	0.00	0.00	0.00	-0.02	-0.01	-0.01
NYPA____HOLTSVILL 23794	49.45	48.36	45.00	44.74	47.62	53.22	67.58	77.53	66.43	63.37	62.77	61.93	60.81	61.46	62.12	66.42	87.68	115.73	101.86	90.88	73.62	67.74	57.53	53.30
	3.45	3.12	2.55	2.69	2.99	4.12	2.60	2.47	2.80	3.42	2.76	4.64	4.81	5.07	5.23	5.20	6.72	8.65	7.89	6.26	4.43	5.21	3.76	3.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	-0.07	-0.06	-0.03	0.00	0.00	-0.21	0.00	0.00	0.00	-0.56	0.00	0.00
NYPA____HELLGATE_GT1 24158	49.46	48.69	45.48	45.04	47.99	53.04	69.54	79.86	68.14	64.58	64.71	62.51	63.70	63.41	63.48	66.82	87.51	115.08	101.10	90.78	73.61	67.00	57.86	53.40
	3.45	3.44	3.01	2.99	3.35	3.93	4.55	4.81	4.52	4.62	4.68	4.59	4.64	4.79	4.94	5.45	6.56	8.23	7.14	6.17	4.43	5.02	4.08	3.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.02	-0.64	-3.13	-2.30	-1.67	-0.15	0.01	0.01	0.01	0.01	0.01	-0.01	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	49.46	48.69	45.48	45.04	47.99	53.04	69.54	79.86	68.14	64.58	64.71	62.51	63.70	63.41	63.48	66.82	87.51	115.08	101.10	90.78	73.61	67.00	57.86	53.40
	3.45	3.44	3.01	2.99	3.35	3.93	4.55	4.81	4.52	4.62	4.68	4.59	4.64	4.79	4.94	5.45	6.56	8.23	7.14	6.17	4.43	5.02	4.08	3.68
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.01	0.01	-0.01	-0.02	-0.64	-3.13	-2.30	-1.67	-0.15	0.01	0.01	0.01	0.01	0.01	-0.01	-0.01	-0.01
NYS_BARGE____HYD 23848	44.16	43.12	40.16	39.78	41.55	44.78	57.84	65.89	56.76	54.20	54.37	51.73	50.22	50.12	50.53	54.11	71.07	94.56	82.67	74.88	60.94	53.97	48.12	45.39
	-1.84	-2.13	-2.29	-2.27	-3.08	-4.32	-7.15	-9.16	-6.87	-5.76	-5.64	-5.56	-5.71	-6.20	-6.31	-7.10	-9.88	-12.29	-11.28	-9.73	-8.23	-7.99	-5.64	-4.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00
OAK ORCHARD____HYD 24046	44.99	44.03	41.26	40.87	42.84	46.84	61.29	70.33	60.39	57.32	57.49	54.94	53.41	53.39	53.78	57.55	75.45	101.08	88.41	80.04	65.10	57.57	50.92	47.53
	-1.01	-1.22	-1.19	-1.18	-1.79	-2.26	-3.70	-4.73	-3.24	-2.64	-2.52	-2.35	-2.52	-2.93	-3.07	-3.67	-5.51	-5.77	-5.54	-4.57	-4.08	-4.40	-2.85	-2.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.00

OAKDALE___35_KV_LOAD 356122	46.00 0.00 0.00	45.25 0.00 0.00	42.37 -0.08 0.00	42.05 0.00 0.00	44.50 -0.13 0.00	48.85 -0.25 0.00	64.60 -0.39 0.00	74.46 -0.60 0.00	63.25 -0.38 0.00	59.72 -0.24 0.00	59.77 -0.24 0.00	56.95 -0.34 0.00	55.65 -0.28 0.00	56.04 -0.28 0.00	56.63 -0.23 0.00	61.04 -0.18 0.00	80.80 -0.16 0.00	106.32 -0.53 0.00	93.49 -0.47 0.00	84.11 -0.51 0.00	68.77 -0.42 0.00	61.48 -0.50 0.00	53.39 -0.38 0.00	49.32 -0.40 0.00
OCC_CHEM___DRP 24175	42.69 -3.31 0.00	41.76 -3.48 0.00	39.44 -3.01 0.00	39.02 -3.03 0.00	41.01 -3.61 0.00	43.94 -5.16 0.00	56.54 -8.45 0.00	64.39 -10.66 0.01	55.36 -8.27 0.00	53.12 -6.83 0.00	53.23 -6.78 0.00	50.64 -6.65 0.01	48.87 -7.05 0.01	49.22 -7.10 0.01	49.51 -7.33 0.01	52.09 -9.12 0.01	69.21 -11.74 0.01	91.67 -15.17 0.01	79.86 -14.09 0.01	72.34 -12.27 0.01	59.35 -9.82 0.01	52.91 -9.05 0.01	47.21 -6.56 0.00	44.00 -5.72 0.00
OH_GEN_PROXY 24063	43.70 -2.30 0.00	42.67 -2.58 0.00	39.99 -2.46 0.00	39.65 -2.40 0.00	41.19 -3.44 0.00	44.68 -4.42 0.00	57.64 -7.34 0.00	65.59 -9.46 0.01	56.51 -7.13 0.00	54.02 -5.94 0.00	54.13 -5.88 0.00	51.56 -5.73 0.01	50.10 -5.82 0.01	49.95 -6.37 0.01	50.36 -6.48 0.01	53.86 -7.35 0.01	70.75 -10.20 0.01	94.02 -12.83 0.01	82.20 -11.75 0.01	74.54 -10.07 0.01	60.73 -8.44 0.01	53.78 -8.18 0.01	47.96 -5.81 0.00	45.24 -4.47 0.00
OLIN_CORP_DRP 24177	43.24 -2.76 0.00	42.30 -2.94 0.00	39.23 -3.23 0.00	39.61 -2.44 0.00	40.79 -3.84 0.00	44.14 -4.96 0.00	56.80 -8.19 0.00	64.84 -10.21 0.01	55.68 -7.95 0.00	53.36 -6.60 0.00	53.47 -6.54 0.00	50.81 -6.47 0.01	49.10 -6.82 0.01	49.44 -6.87 0.01	49.79 -7.05 0.01	52.58 -8.63 0.01	69.78 -11.17 0.01	92.42 -14.43 0.01	80.61 -13.34 0.01	72.93 -11.68 0.01	59.76 -9.41 0.01	53.22 -8.74 0.01	47.42 -6.34 0.00	44.20 -5.52 0.00
OLIN_CORP_DSASP 323712	42.69 -3.31 0.00	41.76 -3.48 0.00	39.44 -3.01 0.00	39.02 -3.03 0.00	41.01 -3.61 0.00	43.94 -5.16 0.00	56.54 -8.45 0.00	64.39 -10.66 0.01	55.36 -8.27 0.00	53.12 -6.83 0.00	53.23 -6.78 0.00	50.64 -6.65 0.01	48.87 -7.05 0.01	49.22 -7.10 0.01	49.51 -7.33 0.01	52.09 -9.12 0.01	69.21 -11.74 0.01	91.67 -15.17 0.01	79.86 -14.09 0.01	72.34 -12.27 0.01	59.35 -9.82 0.01	52.91 -9.05 0.01	47.21 -6.56 0.00	44.00 -5.72 0.00
ONEIDA_HERK_LFGE 323681	46.92 0.92 0.00	46.20 0.95 0.00	43.39 0.93 0.00	42.85 0.80 0.00	45.57 0.94 0.00	50.23 1.13 0.00	66.74 1.76 0.00	77.09 2.03 0.00	64.91 1.27 0.00	60.91 0.96 0.00	60.97 0.96 0.00	57.98 0.69 0.00	56.66 0.73 0.00	57.06 0.73 0.00	57.60 0.74 0.00	62.08 0.86 0.00	82.43 1.46 0.00	109.21 2.35 0.00	95.94 1.98 0.00	86.56 1.95 0.00	70.78 1.59 0.00	63.28 1.30 0.00	54.68 0.91 0.00	50.46 0.75 0.00
ONEIDA___115KV_TB4 55905	47.06 1.06 0.00	46.33 1.09 0.00	43.51 1.06 0.00	43.02 0.97 0.00	45.70 1.07 0.00	50.38 1.28 0.00	66.87 1.88 0.00	77.31 2.25 0.00	65.42 1.78 0.00	61.45 1.50 0.00	61.45 1.44 0.00	58.50 1.20 0.00	57.11 1.17 0.00	57.62 1.30 0.00	58.17 1.31 0.00	62.70 1.47 0.00	83.15 2.19 0.00	110.07 3.21 0.00	96.69 2.73 0.00	87.07 2.45 0.00	71.12 1.94 0.00	63.59 1.61 0.00	55.00 1.24 0.00	50.76 1.04 0.00
ONONDAGA_REF_OCCRA 23987	45.49 -0.51 0.00	44.70 -0.54 0.00	41.90 -0.55 0.00	41.54 -0.50 0.00	44.00 -0.62 0.00	48.41 -0.69 0.00	64.14 -0.84 0.00	74.17 -0.90 0.00	63.00 -0.64 0.00	59.36 -0.60 0.00	59.35 -0.66 0.00	56.66 -0.63 0.00	55.32 -0.62 0.00	55.77 -0.56 0.00	56.29 -0.57 0.00	60.56 -0.67 0.00	80.16 -0.81 0.00	105.90 -0.96 0.00	93.12 -0.85 0.00	83.77 -0.85 0.00	68.50 -0.69 0.00	61.11 -0.87 0.00	53.12 -0.65 0.00	49.02 -0.70 0.00
ONONDAGA___COGEN 23986	45.49 -0.51 0.00	44.70 -0.54 0.00	41.94 -0.51 0.00	41.54 -0.50 0.00	44.00 -0.62 0.00	48.36 -0.74 0.00	64.14 -0.84 0.00	74.16 -0.90 0.00	63.00 -0.64 0.00	59.42 -0.54 0.00	59.41 -0.60 0.00	56.72 -0.57 0.00	55.37 -0.56 0.00	55.82 -0.51 0.00	56.29 -0.57 0.00	60.55 -0.67 0.00	80.16 -0.81 0.00	105.90 -0.96 0.00	93.03 -0.94 0.00	83.77 -0.85 0.00	68.50 -0.69 0.00	61.11 -0.87 0.00	53.12 -0.65 0.00	49.02 -0.70 0.00
ONTARIO___LFGE 23819	45.40 -0.60 0.00	44.48 -0.77 0.00	41.73 -0.72 0.00	41.29 -0.76 0.00	43.56 -1.07 0.00	47.82 -1.28 0.00	63.24 -1.75 0.00	72.96 -2.10 0.00	62.23 -1.40 0.00	58.81 -1.14 0.00	58.87 -1.14 0.00	56.20 -1.09 0.00	54.81 -1.12 0.00	54.97 -1.35 0.00	55.38 -1.48 0.00	59.51 -1.71 0.00	78.37 -2.59 0.00	104.51 -2.35 0.00	91.62 -2.35 0.00	82.67 -1.94 0.00	67.32 -1.86 0.00	59.80 -2.17 0.00	52.32 -1.45 0.00	48.52 -1.19 0.00
ORANGEVILLE_WT_PWR 323706	44.02 -1.98 0.00	43.07 -2.17 0.00	40.29 -2.16 0.00	39.86 -2.19 0.00	41.33 -3.30 0.00	44.83 -4.27 0.00	58.23 -6.76 0.00	66.33 -8.71 0.02	56.76 -6.87 0.00	53.96 -5.99 0.00	53.95 -6.06 0.00	51.15 -6.13 0.01	49.70 -6.21 0.02	49.66 -6.65 0.02	50.24 -6.59 0.02	54.16 -7.04 0.02	71.79 -9.15 0.02	94.76 -12.08 0.02	83.14 -10.80 0.02	75.21 -9.40 0.01	61.14 -8.02 0.02	54.45 -7.50 0.02	48.12 -5.64 0.00	45.09 -4.62 0.00
ORANGEVILLE___ESR 323794	44.02 -1.98 0.00	43.07 -2.17 0.00	40.29 -2.16 0.00	39.86 -2.19 0.00	41.33 -3.30 0.00	44.83 -4.27 0.00	58.23 -6.76 0.00	66.33 -8.71 0.02	56.76 -6.87 0.00	53.96 -5.99 0.00	53.95 -6.06 0.00	51.15 -6.13 0.01	49.70 -6.21 0.02	49.66 -6.65 0.02	50.24 -6.59 0.02	54.16 -7.04 0.02	71.79 -9.15 0.02	94.76 -12.08 0.02	83.14 -10.80 0.02	75.21 -9.40 0.01	61.14 -8.02 0.02	54.45 -7.50 0.02	48.12 -5.64 0.00	45.09 -4.62 0.00
OSWEGATCHIE___HYD 24044	46.23 0.23 0.00	45.52 0.27 0.00	42.75 0.30 0.00	42.26 0.21 0.00	44.94 0.31 0.00	49.49 0.39 0.00	65.64 0.65 0.00	75.89 0.83 0.00	63.63 0.00 0.00	59.54 -0.42 0.00	59.53 -0.48 0.00	56.66 -0.63 0.00	55.26 -0.67 0.00	55.60 -0.73 0.00	55.95 -0.91 0.00	60.06 -1.17 0.00	79.51 -1.46 0.00	105.90 -0.96 0.00	93.12 -0.85 0.00	84.19 -0.42 0.00	69.05 -0.14 0.00	62.04 0.06 0.00	53.77 0.00 0.00	49.77 0.05 0.00
OSWEGO___5 23606	44.66 -1.34 0.00	43.89 -1.36 0.00	41.22 -1.23 0.00	40.83 -1.22 0.00	43.20 -1.43 0.00	47.53 -1.57 0.00	62.91 -2.08 0.00	72.66 -2.40 0.00	61.73 -1.91 0.00	58.16 -1.80 0.00	58.21 -1.80 0.00	55.58 -1.72 0.00	54.26 -1.68 0.00	54.58 -1.75 0.00	55.10 -1.76 0.00	59.33 -1.90 0.00	78.37 -2.59 0.00	103.55 -3.31 0.00	91.05 -2.91 0.00	82.08 -2.54 0.00	67.04 -2.15 0.00	59.87 -2.11 0.00	52.10 -1.67 0.00	48.17 -1.54 0.00
OSWEGO___6 23613	44.66 -1.34 0.00	43.89 -1.36 0.00	41.22 -1.23 0.00	40.83 -1.22 0.00	43.20 -1.43 0.00	47.53 -1.57 0.00	62.91 -2.08 0.00	72.66 -2.40 0.00	61.73 -1.91 0.00	58.16 -1.80 0.00	58.21 -1.80 0.00	55.58 -1.72 0.00	54.26 -1.68 0.00	54.58 -1.75 0.00	55.10 -1.76 0.00	59.33 -1.90 0.00	78.37 -2.59 0.00	103.55 -3.31 0.00	91.05 -2.91 0.00	82.08 -2.54 0.00	67.04 -2.15 0.00	59.87 -2.11 0.00	52.10 -1.67 0.00	48.17 -1.54 0.00

OUTOKUMPU-AB____DRP 24206	43.79 -2.21 0.00	42.80 -2.44 0.00	40.12 -2.33 0.00	39.99 -2.06 0.00	41.68 -2.95 0.00	44.98 -4.12 0.00	58.10 -6.89 0.00	66.27 -8.78 0.01	56.89 -6.75 0.00	54.50 -5.46 0.00	54.67 -5.34 0.00	51.90 -5.39 0.01	50.21 -5.71 0.01	50.63 -5.69 0.01	50.93 -5.91 0.01	53.80 -7.41 0.01	71.32 -9.63 0.01	94.13 -12.72 0.01	82.21 -11.75 0.01	74.20 -10.41 0.01	60.80 -8.37 0.01	54.40 -7.56 0.01	48.44 -5.32 0.00	45.09 -4.62 0.00
OXBOW____BTM 323836	43.75 -2.25 0.00	42.71 -2.53 0.00	40.33 -2.12 0.00	39.95 -2.10 0.00	41.19 -3.44 0.00	44.58 -4.52 0.00	57.52 -7.47 0.00	65.44 -9.61 0.01	56.44 -7.19 0.00	53.96 -5.99 0.00	54.13 -5.88 0.00	51.50 -5.78 0.01	49.99 -5.93 0.01	49.95 -6.37 0.01	50.31 -6.54 0.01	53.80 -7.41 0.01	70.67 -10.28 0.01	93.81 -13.04 0.01	82.02 -11.94 0.01	74.28 -10.33 0.01	60.52 -8.65 0.01	53.66 -8.30 0.01	47.91 -5.86 0.00	45.24 -4.47 0.00
OXBOW____ 24026	43.29 -2.71 0.00	42.35 -2.90 0.00	39.82 -2.63 0.00	39.57 -2.48 0.00	41.42 -3.21 0.00	44.53 -4.57 0.00	57.39 -7.60 0.00	65.44 -9.61 0.01	56.25 -7.38 0.00	53.90 -6.06 0.00	54.07 -5.94 0.00	51.38 -5.90 0.01	49.66 -6.26 0.01	50.01 -6.31 0.01	50.31 -6.54 0.01	53.07 -8.14 0.01	70.43 -10.53 0.01	93.06 -13.79 0.01	81.27 -12.69 0.01	73.44 -11.17 0.01	60.25 -8.93 0.01	53.78 -8.18 0.01	47.91 -5.86 0.00	44.64 -5.07 0.00
OXY_CHEM_DSASP 323612	42.69 -3.31 0.00	41.76 -3.48 0.00	39.44 -3.01 0.00	39.02 -3.03 0.00	41.01 -3.61 0.00	43.94 -5.16 0.00	56.54 -8.45 0.00	64.39 -10.66 0.01	55.36 -8.27 0.00	53.12 -6.83 0.00	53.23 -6.78 0.00	50.64 -6.65 0.01	48.87 -7.05 0.01	49.22 -7.10 0.01	49.51 -7.33 0.01	52.09 -9.12 0.01	69.21 -11.74 0.01	91.67 -15.17 0.01	79.86 -14.09 0.01	72.34 -12.27 0.01	59.35 -9.82 0.01	52.91 -9.05 0.01	47.21 -6.56 0.00	44.00 -5.72 0.00
OZONE_PARK_ESR 323760	49.45 3.45 0.00	48.55 3.30 0.00	45.34 2.89 0.00	44.87 2.82 0.00	47.84 3.21 0.00	52.93 3.83 0.00	69.93 4.94 -0.01	80.92 5.85 0.00	68.66 5.03 0.00	65.00 5.04 -0.01	65.01 4.98 -0.02	62.66 5.04 -0.33	62.74 5.15 -1.66	62.79 5.24 -1.22	63.05 5.46 -0.74	67.36 6.06 -0.07	88.74 7.77 0.00	116.69 9.83 0.00	102.61 8.64 0.00	92.15 7.53 0.00	74.72 5.53 0.00	67.38 5.39 -0.01	57.86 4.09 -0.01	53.44 3.73 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.69 -3.31 0.00	41.76 -3.48 0.00	39.44 -3.01 0.00	39.02 -3.03 0.00	41.01 -3.61 0.00	43.94 -5.16 0.00	56.54 -8.45 0.00	64.39 -10.66 0.01	55.36 -8.27 0.00	53.12 -6.83 0.00	53.23 -6.78 0.00	50.64 -6.65 0.01	48.87 -7.05 0.01	49.22 -7.10 0.01	49.51 -7.33 0.01	52.09 -9.12 0.01	69.21 -11.74 0.01	91.67 -15.17 0.01	79.86 -14.09 0.01	72.34 -12.27 0.01	59.35 -9.82 0.01	52.91 -9.05 0.01	47.21 -6.56 0.00	44.00 -5.72 0.00
PACKARD__115KV_DUPONT_184 80571	43.15 -2.85 0.00	42.12 -3.12 0.00	39.99 -2.46 0.00	39.61 -2.44 0.00	40.61 -4.02 0.00	43.99 -5.11 0.00	56.61 -8.38 0.00	64.39 -10.66 0.01	55.55 -8.08 0.00	53.18 -6.78 0.00	53.29 -6.72 0.00	50.75 -6.53 0.01	49.32 -6.60 0.01	49.16 -7.15 0.01	49.51 -7.33 0.01	52.89 -8.33 0.01	69.37 -11.58 0.01	92.21 -14.64 0.01	80.61 -13.34 0.01	73.10 -11.51 0.01	59.62 -9.55 0.01	52.73 -9.23 0.01	47.21 -6.56 0.00	44.60 -5.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.41 3.40 -0.01	48.56 3.30 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.94 3.30 -0.01	52.94 3.83 -0.01	69.42 4.42 -0.01	79.79 4.73 0.00	67.90 4.26 0.00	64.23 4.26 -0.02	64.34 4.32 -0.01	61.54 4.24 -0.01	60.36 4.36 -0.07	60.88 4.51 -0.05	61.55 4.66 -0.02	66.44 5.20 -0.01	87.61 6.64 0.00	115.09 8.23 0.00	101.11 7.14 0.00	90.79 6.18 0.00	73.62 4.43 0.00	66.76 4.77 -0.02	57.75 3.98 -0.01	53.45 3.73 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	50.01 4.00 -0.01	49.14 3.89 -0.01	45.98 3.52 -0.01	45.55 3.49 -0.01	48.52 3.88 -0.01	53.58 4.47 -0.01	70.26 5.26 -0.01	80.69 5.63 0.00	68.72 5.09 0.00	64.95 4.98 -0.02	65.00 4.98 -0.01	62.23 4.93 -0.01	61.03 5.03 -0.07	61.50 5.13 -0.05	62.23 5.34 -0.02	67.11 5.88 -0.01	88.42 7.45 0.00	116.48 9.62 0.00	102.24 8.27 0.00	91.72 7.11 0.00	74.38 5.19 0.00	67.45 5.45 -0.02	58.35 4.57 -0.01	54.05 4.33 -0.01
PATROON__115KV_TB1 80586	46.97 0.97 0.00	46.20 0.95 0.00	43.51 1.06 0.00	43.06 1.01 0.00	45.70 1.07 0.00	50.33 1.23 0.00	66.74 1.75 0.00	77.09 2.03 0.00	65.22 1.59 0.00	61.39 1.44 0.00	61.63 1.62 0.00	59.01 1.72 0.00	57.67 1.73 0.00	58.19 1.86 0.00	58.85 1.99 0.00	63.37 2.14 0.00	84.04 3.08 0.00	109.96 3.10 0.00	96.79 2.82 0.00	86.90 2.28 0.00	71.12 1.94 0.00	63.59 1.61 0.00	55.22 1.45 0.00	51.16 1.44 0.00
PATTRSNVILLE____SOLAR 323815	47.15 1.15 0.00	46.51 1.27 0.00	43.64 1.19 0.00	43.19 1.14 0.00	45.97 1.34 0.00	50.72 1.62 0.00	67.26 2.27 0.00	77.54 2.47 0.00	65.03 1.40 0.00	60.91 0.96 0.00	60.91 0.90 0.00	58.15 0.86 0.00	56.83 0.89 0.00	57.34 1.01 0.00	58.22 1.36 0.00	63.00 1.78 0.00	83.96 3.00 0.00	110.38 3.52 0.00	97.34 3.38 0.00	87.32 2.71 0.00	71.54 2.35 0.00	64.08 2.11 0.00	55.38 1.61 0.00	51.06 1.34 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	43.84 -2.16 0.00	42.89 -2.35 0.00	40.03 -2.42 0.00	40.03 -2.02 0.00	41.64 -2.99 0.00	45.27 -3.83 0.00	58.81 -6.17 0.00	67.24 -7.81 0.02	57.33 -6.30 0.00	54.80 -5.16 0.00	54.91 -5.10 0.00	52.01 -5.27 0.01	50.88 -5.03 0.02	51.47 -4.84 0.02	52.07 -4.78 0.02	56.74 -4.47 0.02	74.96 -5.99 0.02	96.27 -10.58 0.02	84.83 -9.11 0.02	75.47 -9.14 0.01	61.91 -7.26 0.02	55.64 -6.32 0.02	48.71 -5.05 0.00	45.29 -4.42 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.94 2.94 0.00	48.10 2.85 0.00	45.00 2.55 0.00	44.53 2.48 0.00	47.49 2.86 0.00	52.44 3.34 0.00	69.34 4.35 0.00	80.39 5.33 0.00	68.09 4.45 0.00	64.21 4.26 0.00	64.27 4.26 0.00	61.53 4.24 0.00	60.30 4.36 0.00	60.89 4.56 0.00	61.52 4.66 0.00	66.43 5.20 0.00	87.85 6.88 0.00	115.52 8.66 0.00	101.39 7.42 0.00	91.22 6.60 0.00	74.31 5.12 0.00	66.62 4.65 0.00	57.26 3.49 0.00	52.90 3.18 0.00
PEEKSKILL____ 23653	48.53 2.53 0.00	47.78 2.53 0.00	44.57 2.12 0.00	44.19 2.14 0.00	47.04 2.41 0.00	52.05 2.95 0.00	68.89 3.90 0.00	79.64 4.58 0.00	67.52 3.88 0.00	63.80 3.84 0.00	63.85 3.84 0.00	61.08 3.78 -0.01	59.83 3.86 -0.04	60.30 3.94 -0.03	60.97 4.10 -0.02	65.70 4.47 0.00	86.72 5.75 0.00	114.23 7.37 0.00	100.44 6.48 0.00	90.29 5.67 0.00	73.48 4.29 0.00	66.19 4.22 0.00	56.88 3.12 0.00	52.35 2.63 0.00
PGE MADISON____WINDPWR 24146	48.48 2.48 0.00	47.73 2.49 0.00	44.79 2.33 0.00	44.15 2.10 0.00	46.99 2.37 0.00	51.90 2.80 0.00	69.08 4.09 0.00	79.88 4.80 -0.02	67.52 3.88 0.00	63.19 3.24 0.00	63.07 3.06 0.00	59.48 2.18 -0.01	58.13 2.18 -0.02	58.71 2.37 -0.02	59.32 2.44 -0.02	64.37 3.12 -0.02	85.84 4.86 -0.02	114.79 7.91 -0.02	100.75 6.77 -0.02	90.80 6.18 -0.01	74.05 4.84 -0.02	65.96 3.97 -0.02	56.72 2.96 0.00	52.35 2.63 0.00

PIERCEFIELD___HYD 23852	46.51 0.51 0.00	45.74 0.50 0.00	42.92 0.47 0.00	42.47 0.42 0.00	45.21 0.58 0.00	49.79 0.69 0.00	66.03 1.04 0.00	76.34 1.28 0.00	64.21 0.57 0.00	60.31 0.36 0.00	60.25 0.24 0.00	57.35 0.06 0.00	55.82 -0.11 0.00	55.99 -0.34 0.00	56.23 -0.63 0.00	60.25 -0.98 0.00	79.27 -1.70 0.00	105.37 -1.50 0.00	92.65 -1.32 0.00	83.94 -0.68 0.00	68.98 -0.21 0.00	62.41 0.43 0.00	54.30 0.54 0.00	50.26 0.55 0.00
PINELAWN_CC_1 323563	49.68 3.68 0.00	48.59 3.35 0.00	45.25 2.80 0.00	44.95 2.90 0.00	47.84 3.22 0.00	53.42 4.32 0.00	68.36 3.38 0.01	78.66 3.60 0.01	67.07 3.43 0.00	63.79 3.84 0.00	63.55 3.54 0.00	62.68 5.38 0.00	61.48 5.48 -0.07	62.10 5.69 -0.08	62.76 5.86 -0.04	67.16 5.94 0.00	88.82 7.85 0.00	116.84 9.94 -0.03	102.99 9.02 0.00	92.06 7.45 0.00	74.44 5.26 0.00	67.71 5.64 -0.09	57.75 3.98 0.00	53.45 3.73 0.00
PJM_GEN_HTTP_PROXY 323702	49.08 3.08 0.00	48.23 2.99 0.00	45.00 2.55 0.00	44.57 2.52 0.00	47.49 2.86 0.00	52.59 3.49 0.00	69.54 4.55 0.00	80.39 5.33 0.00	68.22 4.58 0.00	64.58 4.62 -0.01	64.58 4.56 -0.01	62.07 4.53 -0.25	61.78 4.59 -1.26	61.98 4.73 -0.92	62.31 4.89 -0.56	66.55 5.27 -0.06	87.77 6.80 0.00	115.51 8.65 0.00	101.49 7.52 0.00	91.13 6.52 0.00	74.03 4.84 0.00	66.88 4.89 -0.01	57.43 3.66 0.00	52.85 3.13 0.00
PJM_GEN_KEystone 24065	46.00 0.00 0.00	45.20 -0.05 0.00	42.20 -0.25 0.00	41.88 -0.17 0.00	44.14 -0.49 0.00	48.46 -0.64 0.00	63.69 -1.30 0.00	73.10 -1.95 0.01	62.23 -1.40 0.00	59.06 -0.90 0.00	59.11 -0.90 0.00	56.28 -1.03 -0.02	55.03 -1.01 -0.11	55.22 -1.19 -0.07	55.82 -1.08 -0.04	60.12 -1.10 0.01	79.50 -1.46 0.01	104.50 -2.35 0.01	91.70 -2.26 0.01	82.75 -1.86 0.01	67.38 -1.80 0.01	60.54 -1.42 0.01	52.53 -1.23 0.00	48.77 -0.95 0.00
PJM_GEN_NEPTUNE_PROXY 323594	49.13 3.13 0.00	48.10 2.85 0.00	44.79 2.33 0.00	44.49 2.44 0.00	47.40 2.77 0.00	52.83 3.73 0.00	67.77 2.79 0.01	78.13 3.08 0.01	66.56 2.93 0.00	63.31 3.36 0.00	63.13 3.12 0.00	62.39 5.10 0.00	61.14 5.14 -0.07	61.62 5.24 -0.05	62.11 5.23 -0.03	66.37 5.14 0.00	87.68 6.72 0.00	115.30 8.44 0.00	101.57 7.61 0.00	90.88 6.26 0.00	73.62 4.43 0.00	66.75 4.77 0.00	57.10 3.33 0.00	52.85 3.13 0.00
PJM_GEN_VFT_PROXY 323633	48.90 2.90 0.00	48.10 2.85 0.00	44.83 2.38 0.00	44.44 2.40 0.00	47.40 2.77 0.00	52.44 3.34 0.00	69.35 4.35 -0.01	80.17 5.11 0.00	68.09 4.45 0.00	64.40 4.44 -0.01	64.47 4.44 -0.02	62.09 4.47 -0.33	62.13 4.53 -1.66	62.17 4.62 -1.22	62.42 4.83 -0.74	66.44 5.14 -0.07	87.52 6.56 0.00	115.30 8.44 0.00	101.30 7.33 0.00	90.96 6.35 0.00	73.82 4.64 0.00	66.76 4.77 -0.01	57.27 3.49 -0.01	52.75 3.03 0.00
PLATSBURG_115KV_PMLD1 355749	45.08 -0.92 0.00	44.39 -0.86 0.00	41.60 -0.85 0.00	41.25 -0.80 0.00	43.92 -0.71 0.00	47.97 -1.13 0.00	63.75 -1.23 0.00	73.71 -1.35 0.00	62.30 -1.34 0.00	58.58 -1.38 0.00	58.45 -1.56 0.00	55.57 -1.72 0.00	53.98 -1.96 0.00	53.96 -2.37 0.00	54.36 -2.50 0.00	58.59 -2.63 0.00	77.16 -3.81 0.00	102.48 -4.38 0.00	90.02 -3.95 0.00	81.40 -3.22 0.00	66.70 -2.49 0.00	60.12 -1.86 0.00	52.32 -1.45 0.00	48.57 -1.14 0.00
PLEASANTVLY___LBMP 24000	48.25 2.25 0.00	47.37 2.13 0.00	44.36 1.91 0.00	43.90 1.85 0.00	46.77 2.14 0.00	51.65 2.55 0.00	68.24 3.25 0.00	78.97 3.90 0.00	66.94 3.31 0.00	63.25 3.30 0.00	63.31 3.30 0.00	60.62 3.32 0.00	59.35 3.41 0.00	59.88 3.55 0.00	60.55 3.70 0.00	65.39 4.16 0.00	86.31 5.34 0.00	113.38 6.52 0.00	99.70 5.73 0.00	89.61 4.99 0.00	72.92 3.74 0.00	65.57 3.59 0.00	56.46 2.69 0.00	52.15 2.44 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.76 2.76 0.00	47.87 2.62 0.00	44.79 2.33 0.00	44.32 2.27 0.00	47.22 2.59 0.00	52.19 3.09 0.00	68.95 3.96 0.00	79.79 4.73 0.00	67.71 4.07 0.00	63.91 3.96 0.00	63.97 3.96 0.00	61.29 4.01 0.02	59.99 4.14 0.08	60.49 4.22 0.06	61.26 4.43 0.04	66.18 4.96 0.00	87.28 6.32 0.00	114.77 7.91 0.00	100.92 6.95 0.00	90.71 6.09 0.00	73.68 4.50 0.00	66.31 4.34 0.00	56.99 3.23 0.00	52.65 2.93 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	48.76 2.76 0.00	47.87 2.62 0.00	44.79 2.33 0.00	44.32 2.27 0.00	47.22 2.59 0.00	52.19 3.09 0.00	68.95 3.96 0.00	79.79 4.73 0.00	67.71 4.07 0.00	63.91 3.96 0.00	63.97 3.96 0.00	61.29 4.01 0.02	59.99 4.14 0.08	60.49 4.22 0.06	61.26 4.43 0.04	66.18 4.96 0.00	87.28 6.32 0.00	114.77 7.91 0.00	100.92 6.95 0.00	90.71 6.09 0.00	73.68 4.50 0.00	66.31 4.34 0.00	56.99 3.23 0.00	52.65 2.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.44 2.44 0.00	47.60 2.35 0.00	44.58 2.12 0.00	44.11 2.06 0.00	46.99 2.37 0.00	51.90 2.80 0.00	68.69 3.70 0.00	79.49 4.43 0.00	67.32 3.69 0.00	63.55 3.60 0.00	63.61 3.60 0.00	60.90 3.61 0.00	59.63 3.69 0.00	60.10 3.77 0.00	60.78 3.92 0.00	65.70 4.47 0.00	86.80 5.83 0.00	114.13 7.27 0.00	100.36 6.39 0.00	90.12 5.50 0.00	73.41 4.22 0.00	65.94 3.97 0.00	56.78 3.01 0.00	52.40 2.68 0.00
POLETTI_____ 23519	49.50 3.50 -0.01	48.60 3.35 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.42 4.42 -0.01	79.79 4.73 0.00	68.09 4.45 0.00	64.53 4.56 -0.02	64.70 4.68 -0.01	62.21 4.58 -0.34	62.30 4.70 -1.67	62.40 4.84 -1.23	62.75 5.00 -0.89	66.88 5.57 -0.08	87.77 6.80 0.00	115.30 8.44 0.00	101.30 7.33 0.00	90.96 6.35 0.00	73.75 4.57 0.00	66.89 4.90 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01
POMONA___ESR 323819	48.53 2.53 0.00	47.78 2.53 0.00	44.57 2.12 0.00	44.19 2.14 0.00	47.08 2.45 0.00	52.10 3.00 0.00	68.89 3.90 0.00	79.72 4.66 0.00	67.58 3.95 0.00	63.91 3.96 0.00	63.91 3.90 0.00	61.13 3.84 0.00	59.85 3.91 0.00	60.33 4.00 0.00	61.01 4.15 0.00	65.69 4.47 0.00	86.80 5.83 0.00	114.34 7.48 0.00	100.44 6.48 0.00	90.29 5.67 0.00	73.48 4.29 0.00	66.25 4.27 0.00	56.94 3.17 0.00	52.40 2.68 0.00
PORT_JEFF_3 23555	49.40 3.40 0.00	48.32 3.08 0.00	45.00 2.55 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.17 4.07 0.00	67.32 2.34 0.01	77.00 1.95 0.01	66.18 2.55 0.00	63.31 3.36 0.00	62.41 2.40 0.00	61.59 4.30 0.00	60.48 4.48 -0.07	61.12 4.73 -0.06	61.78 4.89 -0.03	66.00 4.78 0.00	87.04 6.08 0.00	114.86 7.80 -0.20	101.10 7.14 0.00	90.20 5.58 0.00	72.99 3.80 0.00	67.64 5.14 -0.53	57.69 3.92 0.00	53.39 3.68 0.00
PORT_JEFF_4 23616	49.40 3.40 0.00	48.32 3.08 0.00	45.00 2.55 0.00	44.70 2.65 0.00	47.62 2.99 0.00	53.17 4.07 0.00	67.32 2.34 0.01	77.00 1.95 0.01	66.18 2.55 0.00	63.31 3.36 0.00	62.41 2.40 0.00	61.59 4.30 0.00	60.48 4.48 -0.07	61.12 4.73 -0.06	61.78 4.89 -0.03	66.00 4.78 0.00	87.04 6.08 0.00	114.86 7.80 -0.20	101.10 7.14 0.00	90.20 5.58 0.00	72.99 3.80 0.00	67.64 5.14 -0.53	57.69 3.92 0.00	53.39 3.68 0.00

PORT_JEFF_IC 23713	49.50 3.50 0.00	48.32 3.08 0.00	45.17 2.72 0.00	44.70 2.65 0.00	47.66 3.03 0.00	53.17 4.08 0.00	66.80 1.82 0.01	77.08 2.03 0.01	66.24 2.61 0.00	62.95 3.00 0.00	62.47 2.46 0.00	61.70 4.41 0.00	60.70 4.70 -0.07	61.23 4.84 -0.06	62.01 5.12 -0.03	66.85 5.63 0.01	87.69 6.72 0.00	115.36 8.34 -0.17	101.86 7.89 0.00	91.13 6.52 0.00	73.34 4.15 0.00	67.62 5.21 -0.43	57.69 3.93 0.00	53.89 4.18 0.00
PPL PILGRIM_ST_GT1 24216	49.91 3.91 0.00	48.82 3.57 0.00	45.47 3.01 0.00	45.16 3.11 0.00	48.11 3.48 0.00	53.77 4.67 0.00	68.49 3.51 0.01	78.81 3.75 0.01	67.26 3.63 0.00	63.97 4.02 0.00	63.67 3.66 0.00	62.79 5.50 0.00	61.59 5.59 -0.07	62.25 5.86 -0.06	62.98 6.09 -0.04	67.40 6.18 0.00	89.14 8.17 0.00	117.30 10.26 -0.18	103.08 9.11 0.00	92.31 7.70 0.00	74.65 5.46 0.00	68.39 5.95 -0.46	57.96 4.20 0.00	53.69 3.98 0.00
PPL PILGRIM_ST_GT2 24217	49.91 3.91 0.00	48.82 3.57 0.00	45.47 3.01 0.00	45.16 3.11 0.00	48.11 3.48 0.00	53.77 4.67 0.00	68.49 3.51 0.01	78.81 3.75 0.01	67.26 3.63 0.00	63.97 4.02 0.00	63.67 3.66 0.00	62.79 5.50 0.00	61.59 5.59 -0.07	62.25 5.86 -0.06	62.98 6.09 -0.04	67.40 6.18 0.00	89.14 8.17 0.00	117.30 10.26 -0.18	103.08 9.11 0.00	92.31 7.70 0.00	74.65 5.46 0.00	68.39 5.95 -0.46	57.96 4.20 0.00	53.69 3.98 0.00
PPL_SHRM_GT3 24213	49.72 3.72 0.00	48.59 3.35 0.00	45.21 2.76 0.00	44.95 2.90 0.00	47.89 3.26 0.00	53.52 4.42 0.00	67.91 2.93 0.01	77.91 2.85 0.01	66.69 3.05 0.00	63.55 3.60 0.00	63.01 3.00 0.00	62.10 4.81 0.00	60.92 4.92 -0.07	61.68 5.29 -0.06	62.47 5.58 -0.03	66.92 5.70 0.00	88.41 7.44 0.00	116.78 9.72 -0.19	102.90 8.93 0.00	91.72 7.11 0.00	74.17 4.98 0.00	68.24 5.76 -0.50	57.96 4.20 0.00	53.64 3.93 0.00
PPL_SHRM_GT4 24214	49.72 3.72 0.00	48.59 3.35 0.00	45.21 2.76 0.00	44.95 2.90 0.00	47.89 3.26 0.00	53.52 4.42 0.00	67.91 2.93 0.01	77.91 2.85 0.01	66.69 3.05 0.00	63.55 3.60 0.00	63.01 3.00 0.00	62.10 4.81 0.00	60.92 4.92 -0.07	61.68 5.29 -0.06	62.47 5.58 -0.03	66.92 5.70 0.00	88.41 7.44 0.00	116.78 9.72 -0.19	102.90 8.93 0.00	91.72 7.11 0.00	74.17 4.98 0.00	68.24 5.76 -0.50	57.96 4.20 0.00	53.64 3.93 0.00
PROJECT___ORANGE 1 24174	45.26 -0.74 0.00	44.48 -0.77 0.00	41.69 -0.76 0.00	41.33 -0.71 0.00	43.78 -0.85 0.00	48.12 -0.98 0.00	63.69 -1.30 0.00	73.64 -1.43 0.00	62.62 -1.02 0.00	59.06 -0.90 0.00	59.11 -0.90 0.00	56.43 -0.86 0.00	55.04 -0.89 0.00	55.48 -0.84 0.00	56.01 -0.85 0.00	60.19 -1.04 0.00	79.67 -1.30 0.00	105.15 -1.71 0.00	92.37 -1.60 0.00	83.18 -1.44 0.00	67.94 -1.25 0.00	60.67 -1.30 0.00	52.80 -0.97 0.00	48.77 -0.94 0.00
PROJECT___ORANGE 2 24166	45.26 -0.74 0.00	44.48 -0.77 0.00	41.69 -0.76 0.00	41.33 -0.71 0.00	43.78 -0.85 0.00	48.12 -0.98 0.00	63.69 -1.30 0.00	73.64 -1.43 0.00	62.62 -1.02 0.00	59.06 -0.90 0.00	59.11 -0.90 0.00	56.43 -0.86 0.00	55.04 -0.89 0.00	55.48 -0.84 0.00	56.01 -0.85 0.00	60.19 -1.04 0.00	79.67 -1.30 0.00	105.15 -1.71 0.00	92.37 -1.60 0.00	83.18 -1.44 0.00	67.94 -1.25 0.00	60.67 -1.30 0.00	52.80 -0.97 0.00	48.77 -0.94 0.00
PUCKETT___SOLAR 323809	46.78 0.78 0.00	45.97 0.72 0.00	43.13 0.68 0.00	42.68 0.63 0.00	45.21 0.58 0.00	49.74 0.64 0.00	65.97 0.98 0.00	76.11 1.05 0.00	64.52 0.89 0.00	60.73 0.78 0.00	60.73 0.72 0.00	57.70 0.40 0.00	56.38 0.45 0.00	56.73 0.40 0.00	57.31 0.45 0.00	61.96 0.74 0.00	82.26 1.29 0.00	108.79 1.93 0.00	95.56 1.60 0.00	86.22 1.60 0.00	70.36 1.18 0.00	62.78 0.80 0.00	54.36 0.59 0.00	50.26 0.55 0.00
PYRITES___HYD 24023	47.29 1.29 0.00	46.60 1.36 0.00	43.68 1.23 0.00	43.23 1.18 0.00	46.06 1.43 0.00	50.77 1.67 0.00	67.39 2.40 0.00	77.76 2.70 0.00	65.29 1.65 0.00	61.09 1.14 0.00	60.91 0.90 0.00	57.92 0.63 0.00	56.44 0.50 0.00	56.61 0.28 0.00	56.92 0.06 0.00	61.17 -0.06 0.00	80.72 -0.24 0.00	107.93 1.07 0.00	95.00 1.03 0.00	86.14 1.52 0.00	70.57 1.38 0.00	63.77 1.80 0.00	55.38 1.61 0.00	51.26 1.54 0.00
QUAKERRD_115KV_BK1 80622	43.79 -2.21 0.00	42.94 -2.31 0.00	40.25 -2.21 0.00	39.99 -2.06 0.00	42.09 -2.54 0.00	46.06 -3.04 0.00	60.44 -4.55 0.00	69.50 -5.55 0.00	59.50 -4.14 0.00	56.42 -3.54 0.00	56.59 -3.42 0.00	54.02 -3.27 0.00	52.35 -3.58 0.00	52.66 -3.66 0.01	53.04 -3.81 0.01	56.38 -4.84 0.01	74.65 -6.32 0.01	99.59 -7.27 0.01	86.91 -7.05 0.01	78.69 -5.92 0.00	64.27 -4.91 0.01	57.14 -4.83 0.01	50.22 -3.55 0.00	46.48 -3.23 0.00
QUENSBRY_115KV_TB8 356137	48.76 2.76 0.00	48.23 2.99 0.00	45.26 2.80 0.00	44.74 2.69 0.00	46.55 1.92 0.00	51.36 2.26 0.00	68.17 3.18 0.00	78.67 3.60 0.00	66.18 2.55 0.00	62.11 2.16 0.00	62.11 2.10 0.00	59.47 2.18 0.00	58.06 2.13 0.00	58.41 2.08 0.00	59.19 2.33 0.00	63.80 2.57 0.00	85.10 4.13 0.00	111.56 4.70 0.00	98.38 4.42 0.00	88.08 3.47 0.00	72.44 3.25 0.00	64.45 2.48 0.00	55.97 2.20 0.00	51.70 1.99 0.00
RAMAPO___LBMP 323565	48.39 2.39 0.00	47.51 2.26 0.00	44.45 2.00 0.00	44.03 1.98 0.00	46.91 2.28 0.00	51.80 2.70 0.00	68.50 3.51 0.00	79.27 4.20 0.00	67.13 3.50 0.00	63.49 3.54 0.00	63.55 3.54 0.00	60.79 3.49 0.00	59.57 3.64 0.00	60.05 3.72 0.00	60.72 3.87 0.00	65.51 4.29 0.00	86.47 5.51 0.00	113.81 6.95 0.00	100.07 6.11 0.00	89.95 5.33 0.00	73.20 4.01 0.00	65.82 3.84 0.00	56.62 2.85 0.00	52.30 2.59 0.00
RANKINE____ 23646	43.98 -2.02 0.00	43.03 -2.22 0.00	40.16 -2.29 0.00	40.16 -1.89 0.00	41.73 -2.90 0.00	45.27 -3.83 0.00	58.62 -6.37 0.00	66.94 -8.11 0.02	57.27 -6.36 0.00	54.80 -5.16 0.00	54.91 -5.10 0.00	52.07 -5.21 0.01	50.60 -5.31 0.02	51.02 -5.29 0.02	51.50 -5.34 0.02	55.09 -6.12 0.02	73.01 -7.93 0.02	95.73 -11.11 0.02	83.89 -10.05 0.02	75.30 -9.31 0.01	61.63 -7.54 0.02	55.08 -6.88 0.02	48.71 -5.05 0.00	45.34 -4.37 0.00
RAVENSWOOD_GT2_1 24244	49.13 3.13 0.00	48.23 2.99 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.59 3.49 0.00	69.42 4.42 -0.01	80.24 5.18 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.16 4.47 -0.40	62.55 4.59 -2.03	62.55 4.73 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	66.89 4.90 -0.02	57.43 3.66 -0.01	53.10 3.38 0.00
RAVENSWOOD_GT2_2 24245	49.13 3.13 0.00	48.23 2.99 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.59 3.49 0.00	69.42 4.42 -0.01	80.24 5.18 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.16 4.47 -0.40	62.55 4.59 -2.03	62.55 4.73 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	66.89 4.90 -0.02	57.43 3.66 -0.01	53.10 3.38 0.00

RAVENSWOOD_GT2_3 24246	49.17 3.17 0.00	48.28 3.03 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.59 3.49 0.00	69.42 4.42 -0.01	80.32 5.25 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.55 4.73 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	88.01 7.04 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	66.89 4.90 -0.02	57.48 3.71 -0.01	53.10 3.38 0.00
RAVENSWOOD_GT2_4 24247	49.17 3.17 0.00	48.28 3.03 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.59 3.49 0.00	69.42 4.42 -0.01	80.32 5.25 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.55 4.73 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	88.01 7.04 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	66.89 4.90 -0.02	57.48 3.71 -0.01	53.10 3.38 0.00
RAVENSWOOD_GT3_1 24248	49.17 3.17 0.00	48.23 2.99 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.59 3.49 0.00	69.42 4.42 -0.01	80.24 5.18 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.16 4.47 -0.40	62.60 4.64 -2.03	62.55 4.73 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	88.01 7.04 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	66.89 4.90 -0.02	57.43 3.66 -0.01	53.10 3.38 0.00
RAVENSWOOD_GT3_2 24249	49.17 3.17 0.00	48.23 2.99 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.59 3.49 0.00	69.42 4.42 -0.01	80.24 5.18 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.16 4.47 -0.40	62.60 4.64 -2.03	62.55 4.73 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	88.01 7.04 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	66.89 4.90 -0.02	57.43 3.66 -0.01	53.10 3.38 0.00
RAVENSWOOD_GT3_3 24250	49.22 3.22 0.00	48.28 3.03 0.00	45.13 2.67 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.63 3.54 0.00	69.48 4.48 -0.01	80.39 5.33 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	62.28 4.58 -0.40	62.66 4.70 -2.03	62.60 4.79 -1.49	62.76 5.00 -0.90	66.89 5.57 -0.09	88.09 7.13 0.00	115.84 8.98 0.00	101.77 7.80 0.00	91.38 6.77 0.00	74.17 4.98 0.00	66.95 4.96 -0.02	57.54 3.76 -0.01	53.15 3.43 0.00
RAVENSWOOD_GT3_4 24251	49.22 3.22 0.00	48.28 3.03 0.00	45.13 2.67 0.00	44.66 2.61 0.00	47.62 2.99 0.00	52.63 3.54 0.00	69.48 4.48 -0.01	80.39 5.33 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	62.28 4.58 -0.40	62.66 4.70 -2.03	62.60 4.79 -1.49	62.76 5.00 -0.90	66.89 5.57 -0.09	88.09 7.13 0.00	115.84 8.98 0.00	101.77 7.80 0.00	91.38 6.77 0.00	74.17 4.98 0.00	66.95 4.96 -0.02	57.54 3.76 -0.01	53.15 3.43 0.00
RAVENSWOOD_GT_1 23729	49.46 3.45 -0.01	48.51 3.26 -0.01	45.35 2.89 -0.01	44.88 2.82 -0.01	47.85 3.21 -0.01	52.89 3.78 -0.01	69.55 4.55 -0.01	80.17 5.10 0.00	68.28 4.65 0.00	64.59 4.62 -0.02	64.71 4.68 -0.02	62.28 4.58 -0.40	62.68 4.70 -2.04	62.62 4.79 -1.50	62.77 5.00 -0.90	66.83 5.51 -0.09	88.01 7.04 0.00	115.63 8.76 0.00	101.58 7.61 0.00	91.22 6.60 0.00	73.96 4.77 0.00	67.07 5.08 -0.02	57.75 3.98 -0.01	53.35 3.63 -0.01
RAVENSWOOD_GT_10 24258	49.13 3.13 0.00	48.23 2.99 0.00	45.08 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.58 3.49 0.00	69.42 4.42 -0.01	80.24 5.18 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.55 4.73 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	88.01 7.04 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	66.89 4.90 -0.02	57.43 3.66 -0.01	53.05 3.33 0.00
RAVENSWOOD_GT_11 24259	49.13 3.13 0.00	48.23 2.99 0.00	45.08 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.58 3.49 0.00	69.42 4.42 -0.01	80.24 5.18 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.55 4.73 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	88.01 7.04 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	66.89 4.90 -0.02	57.43 3.66 -0.01	53.05 3.33 0.00
RAVENSWOOD_GT_4 24252	49.23 3.22 -0.01	48.33 3.08 -0.01	45.14 2.67 -0.01	44.71 2.65 -0.01	47.67 3.03 -0.01	52.69 3.58 -0.01	69.42 4.42 -0.01	80.17 5.10 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.16 4.47 -0.40	62.53 4.59 -2.01	62.53 4.73 -1.47	62.69 4.95 -0.89	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.58 7.61 0.00	91.22 6.60 0.00	74.03 4.84 0.00	66.89 4.90 -0.02	57.54 3.76 -0.01	53.15 3.43 -0.01
RAVENSWOOD_GT_5 24254	49.23 3.22 -0.01	48.33 3.08 -0.01	45.14 2.67 -0.01	44.71 2.65 -0.01	47.67 3.03 -0.01	52.69 3.58 -0.01	69.42 4.42 -0.01	80.17 5.10 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.16 4.47 -0.40	62.53 4.59 -2.01	62.53 4.73 -1.47	62.69 4.95 -0.89	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.58 7.61 0.00	91.22 6.60 0.00	74.03 4.84 0.00	66.89 4.90 -0.02	57.54 3.76 -0.01	53.15 3.43 -0.01
RAVENSWOOD_GT_6 24253	49.23 3.22 -0.01	48.33 3.08 -0.01	45.14 2.67 -0.01	44.71 2.65 -0.01	47.67 3.03 -0.01	52.69 3.58 -0.01	69.42 4.42 -0.01	80.17 5.10 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.16 4.47 -0.40	62.53 4.59 -2.01	62.53 4.73 -1.47	62.69 4.95 -0.89	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.58 7.61 0.00	91.22 6.60 0.00	74.03 4.84 0.00	66.89 4.90 -0.02	57.54 3.76 -0.01	53.15 3.43 -0.01
RAVENSWOOD_GT_7 24255	49.23 3.22 -0.01	48.33 3.08 -0.01	45.14 2.67 -0.01	44.71 2.65 -0.01	47.67 3.03 -0.01	52.69 3.58 -0.01	69.42 4.42 -0.01	80.17 5.10 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.16 4.47 -0.40	62.53 4.59 -2.01	62.53 4.73 -1.47	62.69 4.95 -0.89	66.83 5.51 -0.09	87.93 6.96 0.00	115.63 8.76 0.00	101.58 7.61 0.00	91.22 6.60 0.00	74.03 4.84 0.00	66.89 4.90 -0.02	57.54 3.76 -0.01	53.15 3.43 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.13 3.13 0.00	48.23 2.99 0.00	45.08 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.58 3.49 0.00	69.42 4.42 -0.01	80.24 5.18 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.55 4.73 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	88.01 7.04 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	66.89 4.90 -0.02	57.43 3.66 -0.01	53.05 3.33 0.00
RAVENSWOOD_GT_9 24257	49.13 3.13 0.00	48.23 2.99 0.00	45.08 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.58 3.49 0.00	69.42 4.42 -0.01	80.24 5.18 0.00	68.15 4.52 0.00	64.47 4.50 -0.02	64.53 4.50 -0.02	62.22 4.53 -0.40	62.60 4.64 -2.03	62.55 4.73 -1.49	62.70 4.95 -0.90	66.83 5.51 -0.09	88.01 7.04 0.00	115.63 8.76 0.00	101.67 7.71 0.00	91.30 6.68 0.00	74.10 4.91 0.00	66.89 4.90 -0.02	57.43 3.66 -0.01	53.05 3.33 0.00

RAVENSWOOD___1 23533	49.41 3.40 -0.01	48.55 3.30 -0.01	45.31 2.84 -0.01	44.87 2.82 -0.01	47.81 3.17 -0.01	52.94 3.83 -0.01	69.68 4.68 -0.01	80.32 5.25 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.77 4.74 -0.02	62.28 4.59 -0.40	62.60 4.64 -2.03	62.60 4.79 -1.49	62.70 4.94 -0.90	66.83 5.51 -0.09	87.84 6.88 0.00	115.51 8.65 0.00	101.49 7.52 0.00	91.13 6.52 0.00	73.96 4.77 0.00	67.13 5.14 -0.02	57.81 4.03 -0.01	53.25 3.53 -0.01
RAVENSWOOD___2 23534	49.41 3.40 -0.01	48.55 3.30 -0.01	45.26 2.80 -0.01	44.87 2.82 -0.01	47.81 3.17 -0.01	52.89 3.78 -0.01	69.68 4.68 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.71 4.74 -0.02	64.72 4.68 -0.02	62.28 4.59 -0.40	62.60 4.64 -2.03	62.55 4.73 -1.49	62.65 4.89 -0.90	66.83 5.51 -0.09	87.84 6.88 0.00	115.51 8.65 0.00	101.49 7.52 0.00	91.13 6.52 0.00	73.96 4.77 0.00	67.13 5.14 -0.02	57.75 3.98 -0.01	53.25 3.53 -0.01
RAVENSWOOD___3 23535	49.13 3.13 0.00	48.32 3.08 0.00	45.04 2.59 0.00	44.66 2.61 0.00	47.57 2.94 0.00	52.68 3.58 0.00	69.61 4.61 -0.01	80.39 5.33 0.00	68.28 4.64 0.00	64.59 4.62 -0.02	64.65 4.62 -0.02	62.28 4.59 -0.40	62.60 4.64 -2.03	62.55 4.73 -1.49	62.70 4.94 -0.90	66.64 5.32 -0.09	87.84 6.88 0.00	115.63 8.76 0.00	101.57 7.61 0.00	91.22 6.60 0.00	74.10 4.91 0.00	67.01 5.02 -0.02	57.54 3.76 -0.01	53.00 3.28 0.00
RAVENSWOOD___4 23820	49.36 3.36 -0.01	48.55 3.30 -0.01	45.26 2.80 -0.01	44.87 2.82 -0.01	47.81 3.17 -0.01	52.89 3.78 -0.01	69.68 4.68 -0.01	80.24 5.18 0.00	68.34 4.71 0.00	64.65 4.68 -0.02	64.72 4.68 -0.02	62.22 4.53 -0.40	62.53 4.59 -2.01	62.54 4.73 -1.47	62.64 4.89 -0.89	66.76 5.45 -0.09	87.77 6.80 0.00	115.51 8.65 0.00	101.49 7.52 0.00	91.13 6.52 0.00	73.89 4.71 0.00	67.13 5.14 -0.02	57.75 3.98 -0.01	53.20 3.48 -0.01
RCPL_TRUST___DRP 24196	49.13 3.13 0.00	48.23 2.99 0.00	45.04 2.59 0.00	44.57 2.52 0.00	47.57 2.95 0.00	52.59 3.49 0.00	69.48 4.48 0.00	80.39 5.33 0.00	68.22 4.58 0.00	64.52 4.56 -0.01	64.58 4.56 -0.01	62.13 4.58 -0.25	61.95 4.75 -1.26	62.10 4.84 -0.92	62.48 5.06 -0.56	66.91 5.63 -0.06	88.01 7.04 0.00	115.73 8.87 0.00	101.77 7.80 0.00	91.38 6.77 0.00	74.17 4.98 0.00	66.82 4.83 -0.01	57.37 3.60 0.00	53.00 3.28 0.00
RED___ROCHESTER 323720	45.26 -0.74 0.00	44.25 -1.00 0.00	41.52 -0.93 0.00	41.12 -0.93 0.00	43.11 -1.52 0.00	47.13 -1.97 0.00	61.74 -3.25 0.00	70.85 -4.20 0.01	60.84 -2.80 0.00	57.74 -2.22 0.00	57.97 -2.04 0.00	55.40 -1.89 0.00	53.86 -2.07 0.01	53.84 -2.48 0.01	54.18 -2.67 0.01	58.03 -3.19 0.01	76.10 -4.86 0.01	101.94 -4.91 0.01	89.17 -4.79 0.01	80.72 -3.89 0.00	65.65 -3.53 0.01	58.06 -3.90 0.01	51.24 -2.53 0.00	47.83 -1.89 0.00
REGAN___SOLAR 323812	47.70 1.70 0.00	47.15 1.90 0.00	44.19 1.74 0.00	43.73 1.68 0.00	46.64 2.01 0.00	51.60 2.50 0.00	68.43 3.44 0.00	78.67 3.60 0.00	65.41 1.78 0.00	60.68 0.72 0.00	60.55 0.54 0.00	57.70 0.40 0.00	56.38 0.45 0.00	57.06 0.73 0.00	58.22 1.36 0.00	63.55 2.33 0.00	85.17 4.21 0.00	112.31 5.45 0.00	99.04 5.07 0.00	88.76 4.15 0.00	72.71 3.53 0.00	65.07 3.10 0.00	56.13 2.36 0.00	51.71 1.99 0.00
RENSSELAER___COGEN 23796	46.73 0.73 0.00	46.06 0.82 0.00	43.26 0.80 0.00	42.85 0.80 0.00	45.48 0.85 0.00	50.13 1.03 0.00	66.48 1.50 0.00	76.79 1.73 0.00	64.91 1.27 0.00	61.15 1.20 0.00	61.39 1.38 0.00	58.73 1.43 0.00	57.39 1.45 0.00	57.85 1.52 0.00	58.51 1.65 0.00	63.00 1.78 0.00	83.56 2.59 0.00	109.11 2.25 0.00	96.22 2.25 0.00	86.40 1.78 0.00	70.71 1.52 0.00	63.40 1.43 0.00	55.00 1.24 0.00	50.81 1.09 0.00
REPUBLIC_115KV_BARTNBK 55605	50.60 4.60 0.00	50.22 4.98 0.00	47.08 4.63 0.00	46.46 4.42 0.00	48.60 3.97 0.00	53.72 4.62 0.00	71.42 6.43 0.00	82.27 7.21 0.00	68.79 5.15 0.00	64.39 4.44 0.00	64.33 4.32 0.00	61.48 4.18 0.00	59.90 3.97 0.00	60.27 3.94 0.00	61.12 4.26 0.00	66.00 4.78 0.00	88.90 7.93 0.00	116.80 9.94 0.00	103.08 9.11 0.00	92.06 7.45 0.00	75.76 6.57 0.00	67.18 5.21 0.00	58.23 4.46 0.00	53.79 4.08 0.00
REVERE_CPPR_DRP 24186	47.43 1.43 0.00	46.69 1.45 0.00	43.85 1.40 0.00	43.35 1.30 0.00	46.10 1.47 0.00	50.87 1.77 0.00	67.52 2.53 0.00	78.07 3.00 0.00	65.92 2.29 0.00	61.87 1.92 0.00	61.93 1.92 0.00	58.84 1.55 0.00	57.50 1.57 0.00	58.02 1.69 0.00	58.56 1.71 0.00	63.12 1.90 0.00	83.80 2.83 0.00	111.14 4.27 0.00	97.54 3.57 0.00	87.83 3.22 0.00	71.75 2.56 0.00	64.14 2.17 0.00	55.43 1.67 0.00	51.16 1.44 0.00
REYNLDPA_13_KV_LD 356490	46.32 0.32 0.00	45.56 0.32 0.00	42.75 0.30 0.00	42.35 0.30 0.00	45.03 0.40 0.00	49.40 0.30 0.00	65.38 0.39 0.00	75.59 0.53 0.00	63.89 0.26 0.00	60.14 0.18 0.00	60.13 0.12 0.00	57.35 0.06 0.00	55.88 -0.06 0.00	56.16 -0.17 0.00	56.63 -0.23 0.00	60.92 -0.30 0.00	80.40 -0.56 0.00	106.76 -0.11 0.00	93.69 -0.28 0.00	84.53 -0.08 0.00	69.26 0.07 0.00	62.16 0.19 0.00	54.04 0.27 0.00	50.16 0.45 0.00
REYNOLDS_115KV_TB3 80639	46.92 0.92 0.00	46.15 0.90 0.00	43.51 1.06 0.00	43.06 1.01 0.00	45.70 1.07 0.00	50.33 1.23 0.00	66.74 1.75 0.00	77.09 2.03 0.00	65.22 1.59 0.00	61.39 1.44 0.00	61.57 1.56 0.00	58.95 1.66 0.00	57.67 1.73 0.00	58.13 1.80 0.00	58.79 1.93 0.00	63.37 2.14 0.00	83.88 2.91 0.00	109.64 2.78 0.00	96.60 2.63 0.00	86.73 2.12 0.00	71.06 1.87 0.00	63.52 1.55 0.00	55.11 1.34 0.00	51.01 1.29 0.00
RIVERBAY____ 323610	50.01 4.00 -0.01	49.14 3.89 -0.01	45.98 3.52 -0.01	45.55 3.49 -0.01	48.52 3.88 -0.01	53.58 4.47 -0.01	70.26 5.26 -0.01	80.69 5.63 0.00	68.72 5.09 0.00	64.95 4.98 -0.02	65.00 4.98 -0.01	62.23 4.93 -0.01	61.03 5.03 -0.07	61.50 5.13 -0.05	62.23 5.34 -0.02	67.11 5.88 -0.01	88.42 7.45 0.00	116.48 9.62 0.00	102.24 8.27 0.00	91.72 7.11 0.00	74.38 5.19 0.00	67.45 5.45 -0.02	58.35 4.57 -0.01	54.05 4.33 -0.01
RIVERSDE_115KV_TB3 55908	46.87 0.87 0.00	46.10 0.86 0.00	43.43 0.98 0.00	43.02 0.97 0.00	45.61 0.98 0.00	50.28 1.18 0.00	66.61 1.62 0.00	76.94 1.88 0.00	65.10 1.46 0.00	61.27 1.32 0.00	61.51 1.50 0.00	58.90 1.60 0.00	57.56 1.62 0.00	58.02 1.69 0.00	58.73 1.88 0.00	63.25 2.02 0.00	83.80 2.83 0.00	109.53 2.67 0.00	96.50 2.54 0.00	86.65 2.03 0.00	70.99 1.80 0.00	63.46 1.49 0.00	55.06 1.29 0.00	51.01 1.29 0.00
ROARING___BROOK_WT_PWR 323790	45.68 -0.32 0.00	44.88 -0.36 0.00	42.07 -0.38 0.00	41.63 -0.42 0.00	44.18 -0.45 0.00	48.61 -0.49 0.00	64.40 -0.59 0.00	74.39 -0.68 0.00	62.93 -0.70 0.00	59.06 -0.90 0.00	58.93 -1.08 0.00	56.03 -1.26 0.00	54.54 -1.40 0.00	54.86 -1.46 0.00	55.33 -1.53 0.00	59.63 -1.59 0.00	78.95 -2.02 0.00	104.51 -2.35 0.00	91.99 -1.98 0.00	83.01 -1.61 0.00	68.01 -1.18 0.00	61.05 -0.93 0.00	52.96 -0.81 0.00	48.97 -0.74 0.00

ROCHESRG_115KV_T4 355643	44.53 -1.47 0.00	43.62 -1.63 0.00	40.84 -1.61 0.00	40.66 -1.39 0.00	42.71 -1.92 0.00	46.64 -2.45 0.00	60.96 -4.03 0.00	69.95 -5.10 0.01	59.94 -3.69 0.00	56.96 -3.00 0.00	57.13 -2.88 0.00	54.54 -2.75 0.00	52.79 -3.13 0.01	53.05 -3.27 0.01	53.44 -3.41 0.01	56.56 -4.65 0.01	74.97 -5.99 0.01	100.12 -6.73 0.01	87.38 -6.58 0.01	79.20 -5.42 0.00	64.68 -4.50 0.01	57.51 -4.46 0.01	50.65 -3.12 0.00	46.98 -2.73 0.00
ROCHESTER_9_IC 23652	44.85 -1.15 0.00	43.89 -1.36 0.00	41.09 -1.36 0.00	40.91 -1.14 0.00	42.98 -1.65 0.00	46.94 -2.16 0.00	61.35 -3.64 0.00	70.48 -4.58 0.01	60.45 -3.18 0.00	57.44 -2.52 0.00	57.61 -2.40 0.00	55.00 -2.29 0.00	53.24 -2.68 0.01	53.50 -2.82 0.01	53.89 -2.96 0.01	57.05 -4.16 0.01	75.61 -5.34 0.01	100.98 -5.88 0.01	88.13 -5.83 0.01	79.87 -4.74 0.00	65.17 -4.01 0.01	57.94 -4.03 0.01	51.03 -2.74 0.00	47.28 -2.44 0.00
ROCKVIEW_13_KV_LD 356306	49.04 3.04 0.00	48.10 2.85 0.00	44.96 2.50 0.00	44.49 2.44 0.00	47.44 2.81 0.00	52.44 3.34 0.00	69.34 4.35 0.00	80.17 5.10 0.00	68.09 4.45 0.00	64.33 4.38 0.00	64.39 4.38 0.00	61.70 4.41 0.01	60.43 4.53 0.04	60.98 4.68 0.03	61.68 4.83 0.02	66.67 5.45 0.00	87.85 6.88 0.00	115.52 8.66 0.00	101.58 7.61 0.00	91.30 6.68 0.00	74.17 4.98 0.00	66.75 4.77 0.00	57.32 3.55 0.00	52.95 3.23 0.00
ROME____115KV_TB2 80656	47.43 1.43 0.00	46.69 1.45 0.00	43.85 1.40 0.00	43.35 1.30 0.00	46.10 1.47 0.00	50.87 1.77 0.00	67.52 2.53 0.00	78.07 3.00 0.00	65.92 2.29 0.00	61.87 1.92 0.00	61.93 1.92 0.00	58.84 1.55 0.00	57.50 1.57 0.00	58.02 1.69 0.00	58.56 1.71 0.00	63.12 1.90 0.00	83.80 2.83 0.00	111.14 4.27 0.00	97.54 3.57 0.00	87.83 3.22 0.00	71.75 2.56 0.00	64.14 2.17 0.00	55.43 1.67 0.00	51.16 1.44 0.00
ROSETON___1 23587	48.21 2.21 0.00	47.42 2.17 0.00	44.32 1.87 0.00	43.94 1.89 0.00	46.77 2.14 0.00	51.70 2.60 0.00	68.37 3.38 0.00	79.04 3.98 0.00	67.00 3.37 0.00	63.37 3.42 0.00	63.37 3.36 0.00	60.61 3.32 0.00	59.35 3.41 0.00	59.82 3.49 0.00	60.50 3.64 0.00	65.20 3.98 0.00	86.07 5.10 0.00	113.27 6.41 0.00	99.60 5.64 0.00	89.52 4.91 0.00	72.92 3.73 0.00	65.69 3.72 0.00	56.51 2.74 0.00	52.05 2.34 0.00
ROSETON___2 23588	48.21 2.21 0.00	47.42 2.17 0.00	44.32 1.87 0.00	43.94 1.89 0.00	46.77 2.14 0.00	51.70 2.60 0.00	68.37 3.38 0.00	79.04 3.98 0.00	67.00 3.37 0.00	63.37 3.42 0.00	63.37 3.36 0.00	60.61 3.32 0.00	59.35 3.41 0.00	59.82 3.49 0.00	60.50 3.64 0.00	65.20 3.98 0.00	86.07 5.10 0.00	113.27 6.41 0.00	99.60 5.64 0.00	89.52 4.91 0.00	72.92 3.73 0.00	65.69 3.72 0.00	56.51 2.74 0.00	52.05 2.34 0.00
ROTRDAM_115KV_TB3 80664	47.20 1.20 0.00	46.51 1.27 0.00	43.68 1.23 0.00	43.23 1.18 0.00	45.83 1.20 0.00	50.47 1.37 0.00	66.87 1.88 0.00	77.24 2.18 0.00	65.22 1.59 0.00	61.39 1.44 0.00	61.45 1.44 0.00	58.73 1.43 0.00	57.39 1.45 0.00	57.85 1.52 0.00	58.51 1.65 0.00	63.12 1.90 0.00	83.80 2.83 0.00	109.96 3.10 0.00	96.79 2.82 0.00	86.98 2.37 0.00	71.19 2.01 0.00	63.71 1.74 0.00	55.17 1.40 0.00	50.96 1.24 0.00
RUSSELL___1 23602	44.99 -1.01 0.00	44.02 -1.22 0.00	41.26 -1.19 0.00	41.04 -1.01 0.00	43.11 -1.52 0.00	47.09 -2.01 0.00	61.61 -3.38 0.00	70.78 -4.28 0.01	60.71 -2.93 0.00	57.68 -2.28 0.00	57.91 -2.10 0.00	55.28 -2.01 0.00	53.52 -2.41 0.01	53.73 -2.59 0.01	54.12 -2.73 0.01	57.36 -3.86 0.01	76.02 -4.94 0.01	101.51 -5.34 0.01	88.60 -5.36 0.01	80.30 -4.32 0.00	65.51 -3.67 0.01	58.25 -3.72 0.01	51.24 -2.53 0.00	47.48 -2.24 0.00
RUSSELL___2 23532	44.99 -1.01 0.00	44.02 -1.22 0.00	41.26 -1.19 0.00	41.04 -1.01 0.00	43.11 -1.52 0.00	47.09 -2.01 0.00	61.61 -3.38 0.00	70.78 -4.28 0.01	60.71 -2.93 0.00	57.68 -2.28 0.00	57.91 -2.10 0.00	55.28 -2.01 0.00	53.52 -2.41 0.01	53.73 -2.59 0.01	54.12 -2.73 0.01	57.36 -3.86 0.01	76.02 -4.94 0.01	101.51 -5.34 0.01	88.60 -5.36 0.01	80.30 -4.32 0.00	65.51 -3.67 0.01	58.25 -3.72 0.01	51.24 -2.53 0.00	47.48 -2.24 0.00
RUSSELL___3 23549	44.99 -1.01 0.00	44.02 -1.22 0.00	41.26 -1.19 0.00	41.04 -1.01 0.00	43.11 -1.52 0.00	47.09 -2.01 0.00	61.61 -3.38 0.00	70.78 -4.28 0.01	60.71 -2.93 0.00	57.68 -2.28 0.00	57.91 -2.10 0.00	55.28 -2.01 0.00	53.52 -2.41 0.01	53.73 -2.59 0.01	54.12 -2.73 0.01	57.36 -3.86 0.01	76.02 -4.94 0.01	101.51 -5.34 0.01	88.60 -5.36 0.01	80.30 -4.32 0.00	65.51 -3.67 0.01	58.25 -3.72 0.01	51.24 -2.53 0.00	47.48 -2.24 0.00
RUSSELL___4 23556	44.99 -1.01 0.00	44.02 -1.22 0.00	41.26 -1.19 0.00	41.04 -1.01 0.00	43.11 -1.52 0.00	47.09 -2.01 0.00	61.61 -3.38 0.00	70.78 -4.28 0.01	60.71 -2.93 0.00	57.68 -2.28 0.00	57.91 -2.10 0.00	55.28 -2.01 0.00	53.52 -2.41 0.01	53.73 -2.59 0.01	54.12 -2.73 0.01	57.36 -3.86 0.01	76.02 -4.94 0.01	101.51 -5.34 0.01	88.60 -5.36 0.01	80.30 -4.32 0.00	65.51 -3.67 0.01	58.25 -3.72 0.01	51.24 -2.53 0.00	47.48 -2.24 0.00
RUSSELL___STATION 23914	44.99 -1.01 0.00	44.02 -1.22 0.00	41.26 -1.19 0.00	41.04 -1.01 0.00	43.11 -1.52 0.00	47.09 -2.01 0.00	61.61 -3.38 0.00	70.78 -4.28 0.01	60.71 -2.93 0.00	57.68 -2.28 0.00	57.91 -2.10 0.00	55.28 -2.01 0.00	53.52 -2.41 0.01	53.73 -2.59 0.01	54.12 -2.73 0.01	57.36 -3.86 0.01	76.02 -4.94 0.01	101.51 -5.34 0.01	88.60 -5.36 0.01	80.30 -4.32 0.00	65.51 -3.67 0.01	58.25 -3.72 0.01	51.24 -2.53 0.00	47.48 -2.24 0.00
S SALMON___HYD 24043	45.12 -0.88 0.00	44.43 -0.81 0.00	41.73 -0.72 0.00	41.25 -0.80 0.00	43.69 -0.94 0.00	48.07 -1.03 0.00	63.75 -1.24 0.00	73.63 -1.43 0.00	62.29 -1.34 0.00	58.58 -1.38 0.00	58.69 -1.32 0.00	55.98 -1.32 0.00	54.65 -1.28 0.00	55.04 -1.29 0.00	55.44 -1.42 0.00	59.63 -1.59 0.00	78.95 -2.02 0.00	104.83 -2.03 0.00	92.18 -1.79 0.00	83.18 -1.44 0.00	67.94 -1.24 0.00	60.61 -1.36 0.00	52.58 -1.18 0.00	48.67 -1.05 0.00
S.PERRY___115KV_TB1 80734	45.86 -0.14 0.00	44.79 -0.45 0.00	41.94 -0.51 0.00	41.75 -0.29 0.00	43.65 -0.98 0.00	47.63 -1.47 0.00	62.58 -2.40 0.00	73.98 -1.05 0.04	62.36 -1.27 0.00	58.22 -1.74 0.00	57.73 -2.28 0.00	54.52 -2.75 0.02	52.88 -3.02 0.04	53.21 -3.10 0.02	53.65 -3.18 0.02	55.39 -5.82 0.02	73.90 -7.04 0.02	98.93 -7.91 0.02	86.80 -7.14 0.02	78.51 -6.09 0.01	64.04 -5.12 0.02	59.04 -2.91 0.02	51.78 -1.99 0.00	47.88 -1.84 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.65 -2.35 0.00	42.71 -2.53 0.00	39.91 -2.55 0.00	39.86 -2.19 0.00	41.51 -3.12 0.00	44.98 -4.12 0.00	58.04 -6.95 0.00	66.27 -8.78 0.01	56.82 -6.81 0.00	54.38 -5.58 0.00	54.55 -5.46 0.00	51.78 -5.50 0.01	50.16 -5.76 0.01	50.51 -5.80 0.02	50.87 -5.97 0.02	54.05 -7.16 0.02	71.72 -9.23 0.02	94.67 -12.18 0.02	82.68 -11.28 0.02	74.54 -10.07 0.01	61.08 -8.09 0.02	54.46 -7.50 0.02	48.39 -5.38 0.00	45.04 -4.67 0.00

SAWYER___23_KV_LOAD 55526	43.65 -2.35 0.00	42.71 -2.53 0.00	39.91 -2.55 0.00	39.86 -2.19 0.00	41.51 -3.12 0.00	44.98 -4.12 0.00	58.04 -6.95 0.00	66.27 -8.78 0.01	56.82 -6.81 0.00	54.38 -5.58 0.00	54.55 -5.46 0.00	51.78 -5.50 0.01	50.16 -5.76 0.01	50.51 -5.80 0.02	50.87 -5.97 0.02	54.05 -7.16 0.02	71.72 -9.23 0.02	94.67 -12.18 0.02	82.68 -11.28 0.02	74.54 -10.07 0.01	61.08 -8.09 0.02	54.46 -7.50 0.02	48.39 -5.38 0.00	45.04 -4.67 0.00
SELKIRK___I 23801	47.15 1.15 0.00	46.47 1.22 0.00	43.64 1.19 0.00	43.23 1.18 0.00	45.88 1.25 0.00	50.52 1.42 0.00	67.01 2.02 0.00	77.24 2.18 0.00	65.29 1.65 0.00	61.51 1.56 0.00	61.63 1.62 0.00	58.89 1.60 0.00	57.50 1.56 0.00	57.96 1.63 0.00	58.68 1.82 0.00	63.24 2.02 0.00	83.88 2.91 0.00	109.96 3.10 0.00	96.88 2.92 0.00	86.98 2.37 0.00	71.26 2.07 0.00	63.90 1.92 0.00	55.33 1.56 0.00	51.11 1.39 0.00
SELKIRK___II 23799	46.78 0.78 0.00	46.10 0.86 0.00	43.30 0.85 0.00	42.89 0.84 0.00	45.52 0.89 0.00	50.18 1.08 0.00	66.48 1.50 0.00	76.79 1.73 0.00	64.97 1.34 0.00	61.22 1.26 0.00	61.39 1.38 0.00	58.73 1.43 0.00	57.39 1.45 0.00	57.79 1.46 0.00	58.45 1.59 0.00	62.94 1.71 0.00	83.48 2.51 0.00	109.21 2.35 0.00	96.22 2.25 0.00	86.47 1.86 0.00	70.78 1.59 0.00	63.46 1.48 0.00	54.95 1.18 0.00	50.76 1.05 0.00
SENECA OSWGO___HYD 24041	44.71 -1.29 0.00	43.93 -1.31 0.00	41.22 -1.23 0.00	40.83 -1.22 0.00	43.25 -1.38 0.00	47.58 -1.52 0.00	63.04 -1.95 0.00	72.88 -2.18 0.00	61.92 -1.72 0.00	58.34 -1.62 0.00	58.39 -1.62 0.00	55.75 -1.54 0.00	54.43 -1.51 0.00	54.75 -1.58 0.00	55.27 -1.59 0.00	59.51 -1.71 0.00	78.62 -2.35 0.00	103.98 -2.88 0.00	91.43 -2.53 0.00	82.41 -2.20 0.00	67.32 -1.86 0.00	60.05 -1.92 0.00	52.21 -1.56 0.00	48.23 -1.49 0.00
SENECA___115KV_TB3 355854	44.44 -1.56 0.00	43.48 -1.77 0.00	40.63 -1.82 0.00	40.24 -1.81 0.00	41.86 -2.77 0.00	45.42 -3.68 0.00	58.88 -6.11 0.00	67.02 -8.03 0.02	57.59 -6.05 0.00	54.98 -4.98 0.00	55.15 -4.86 0.00	52.36 -4.93 0.01	50.83 -5.09 0.02	50.85 -5.46 0.02	51.44 -5.40 0.02	55.39 -5.82 0.02	73.34 -7.61 0.02	96.06 -10.79 0.02	84.08 -9.87 0.02	76.06 -8.54 0.01	61.83 -7.34 0.02	55.21 -6.75 0.02	48.82 -4.95 0.00	45.93 -3.78 0.00
SENECA___ENERGY 23797	45.31 -0.69 0.00	44.43 -0.81 0.00	41.69 -0.76 0.00	41.25 -0.80 0.00	43.60 -1.02 0.00	47.92 -1.18 0.00	63.43 -1.56 0.00	73.26 -1.80 0.00	62.42 -1.21 0.00	58.94 -1.02 0.00	58.93 -1.08 0.00	56.26 -1.03 0.00	54.87 -1.06 0.00	55.15 -1.19 0.00	55.56 -1.31 0.00	59.76 -1.47 0.00	78.86 -2.11 0.00	104.73 -2.14 0.00	91.99 -1.98 0.00	83.01 -1.61 0.00	67.67 -1.52 0.00	60.18 -1.80 0.00	52.48 -1.29 0.00	48.57 -1.14 0.00
SHOEMAKER___GT 23640	48.07 2.07 0.00	47.28 2.04 0.00	44.19 1.74 0.00	43.82 1.77 0.00	46.64 2.01 0.00	51.50 2.41 0.00	68.24 3.25 0.00	78.81 3.75 0.00	66.75 3.12 0.00	63.07 3.12 0.00	63.01 3.00 0.00	60.27 2.98 0.00	58.95 3.02 0.00	59.43 3.10 0.00	60.04 3.18 0.00	64.78 3.55 0.00	85.66 4.69 0.00	112.95 6.09 0.00	99.23 5.26 0.00	89.18 4.57 0.00	72.71 3.53 0.00	65.44 3.47 0.00	56.35 2.58 0.00	51.90 2.19 0.00
SHOEMAKR_138KV_BK 111 55601	48.07 2.07 0.00	47.24 1.99 0.00	44.19 1.74 0.00	43.77 1.72 0.00	46.59 1.96 0.00	51.46 2.36 0.00	68.04 3.05 0.00	78.67 3.60 0.00	66.69 3.05 0.00	62.95 3.00 0.00	62.95 2.94 0.00	60.21 2.92 0.00	59.01 3.08 0.00	59.43 3.10 0.00	60.10 3.24 0.00	64.90 3.67 0.00	85.74 4.78 0.00	112.95 6.09 0.00	99.32 5.36 0.00	89.27 4.65 0.00	72.72 3.53 0.00	65.32 3.35 0.00	56.24 2.47 0.00	51.95 2.24 0.00
SHOREHAM_IC_1 23715	49.72 3.72 0.00	48.59 3.35 0.00	45.21 2.76 0.00	44.95 2.90 0.00	47.89 3.26 0.00	53.52 4.42 0.00	67.91 2.93 0.01	77.91 2.85 0.01	66.69 3.05 0.00	63.55 3.60 0.00	63.01 3.00 0.00	62.10 4.81 0.00	60.92 4.92 -0.07	61.68 5.29 -0.06	62.47 5.58 -0.03	66.92 5.70 0.00	88.41 7.44 0.00	116.78 9.72 -0.19	102.90 8.93 0.00	91.72 7.11 0.00	74.17 4.98 0.00	68.24 5.76 -0.50	57.96 4.20 0.00	53.64 3.93 0.00
SHOREHAM_IC_2 23716	49.73 3.73 0.00	48.55 3.30 0.00	45.34 2.89 0.00	44.87 2.82 0.00	47.89 3.26 0.00	53.42 4.32 0.00	67.19 2.21 0.01	77.68 2.63 0.01	66.56 2.93 0.00	63.07 3.12 0.00	62.89 2.88 0.00	61.99 4.70 0.00	60.98 4.98 -0.07	61.63 5.24 -0.06	62.46 5.57 -0.03	67.47 6.25 0.01	88.58 7.61 0.00	116.78 9.72 -0.19	103.08 9.11 0.00	92.23 7.62 0.00	74.24 5.05 0.00	68.12 5.64 -0.50	57.85 4.09 0.00	54.04 4.33 0.00
SISSONVILLE____ 23735	46.51 0.51 0.00	45.74 0.50 0.00	42.92 0.47 0.00	42.47 0.42 0.00	45.21 0.58 0.00	49.79 0.69 0.00	66.03 1.04 0.00	76.34 1.28 0.00	64.21 0.57 0.00	60.31 0.36 0.00	60.25 0.24 0.00	57.35 0.06 0.00	55.82 -0.11 0.00	55.99 -0.34 0.00	56.23 -0.63 0.00	60.25 -0.98 0.00	79.27 -1.70 0.00	105.37 -1.50 0.00	92.65 -1.32 0.00	83.94 -0.68 0.00	68.98 -0.21 0.00	62.41 0.43 0.00	54.30 0.54 0.00	50.26 0.55 0.00
SITHE_IND_GS1 24169	44.25 -1.75 0.00	43.53 -1.72 0.00	40.84 -1.61 0.00	40.45 -1.60 0.00	42.84 -1.79 0.00	47.08 -2.02 0.00	62.32 -2.67 0.00	71.98 -3.08 0.00	61.15 -2.48 0.00	57.62 -2.34 0.00	57.73 -2.28 0.00	55.12 -2.18 0.00	53.81 -2.13 0.00	54.13 -2.20 0.00	54.64 -2.22 0.00	58.78 -2.45 0.00	77.64 -3.32 0.00	102.58 -4.28 0.00	90.20 -3.76 0.00	81.31 -3.30 0.00	66.42 -2.77 0.00	59.31 -2.66 0.00	51.61 -2.15 0.00	47.73 -1.99 0.00
SITHE_IND_GS2 24170	44.25 -1.75 0.00	43.53 -1.72 0.00	40.84 -1.61 0.00	40.45 -1.60 0.00	42.84 -1.79 0.00	47.08 -2.02 0.00	62.32 -2.67 0.00	71.98 -3.08 0.00	61.15 -2.48 0.00	57.62 -2.34 0.00	57.73 -2.28 0.00	55.12 -2.18 0.00	53.81 -2.13 0.00	54.13 -2.20 0.00	54.64 -2.22 0.00	58.78 -2.45 0.00	77.64 -3.32 0.00	102.58 -4.28 0.00	90.20 -3.76 0.00	81.31 -3.30 0.00	66.42 -2.77 0.00	59.31 -2.66 0.00	51.61 -2.15 0.00	47.73 -1.99 0.00
SITHE_IND_GS3 24171	44.25 -1.75 0.00	43.53 -1.72 0.00	40.84 -1.61 0.00	40.45 -1.60 0.00	42.84 -1.79 0.00	47.08 -2.02 0.00	62.32 -2.67 0.00	71.98 -3.08 0.00	61.15 -2.48 0.00	57.62 -2.34 0.00	57.73 -2.28 0.00	55.12 -2.18 0.00	53.81 -2.13 0.00	54.13 -2.20 0.00	54.64 -2.22 0.00	58.78 -2.45 0.00	77.64 -3.32 0.00	102.58 -4.28 0.00	90.20 -3.76 0.00	81.31 -3.30 0.00	66.42 -2.77 0.00	59.31 -2.66 0.00	51.61 -2.15 0.00	47.73 -1.99 0.00
SITHE_IND_GS4 24172	44.25 -1.75 0.00	43.53 -1.72 0.00	40.84 -1.61 0.00	40.45 -1.60 0.00	42.84 -1.79 0.00	47.08 -2.02 0.00	62.32 -2.67 0.00	71.98 -3.08 0.00	61.15 -2.48 0.00	57.62 -2.34 0.00	57.73 -2.28 0.00	55.12 -2.18 0.00	53.81 -2.13 0.00	54.13 -2.20 0.00	54.64 -2.22 0.00	58.78 -2.45 0.00	77.64 -3.32 0.00	102.58 -4.28 0.00	90.20 -3.76 0.00	81.31 -3.30 0.00	66.42 -2.77 0.00	59.31 -2.66 0.00	51.61 -2.15 0.00	47.73 -1.99 0.00

SITHE___BATAVIA 24024	45.26 -0.74 0.00	44.21 -1.04 0.00	41.26 -1.19 0.00	40.87 -1.18 0.00	42.76 -1.87 0.00	46.35 -2.75 0.00	60.31 -4.68 0.00	68.90 -6.15 0.01	59.30 -4.33 0.00	56.36 -3.60 0.00	56.53 -3.48 0.00	53.85 -3.44 0.01	52.23 -3.69 0.01	52.09 -4.23 0.01	52.52 -4.32 0.01	56.31 -4.90 0.01	73.99 -6.96 0.01	99.16 -7.70 0.01	86.62 -7.33 0.01	78.52 -6.09 0.01	63.78 -5.40 0.01	56.45 -5.52 0.01	50.06 -3.71 0.00	47.03 -2.69 0.00
SITHE___INDEPEND 23800	44.25 -1.75 0.00	43.48 -1.76 0.00	40.80 -1.66 0.00	40.45 -1.60 0.00	42.84 -1.79 0.00	47.09 -2.01 0.00	62.26 -2.73 0.00	71.91 -3.15 0.00	61.15 -2.48 0.00	57.62 -2.34 0.00	57.67 -2.34 0.00	55.06 -2.23 0.00	53.70 -2.24 0.00	54.08 -2.25 0.00	54.58 -2.27 0.00	58.65 -2.57 0.00	77.65 -3.32 0.00	102.59 -4.27 0.00	90.11 -3.85 0.00	81.23 -3.38 0.00	66.42 -2.77 0.00	59.31 -2.66 0.00	51.62 -2.15 0.00	47.68 -2.04 0.00
SITHE___MASSENA 23902	46.51 0.51 0.00	45.74 0.50 0.00	42.92 0.47 0.00	42.51 0.46 0.00	45.21 0.58 0.00	49.59 0.49 0.00	65.64 0.65 0.00	75.89 0.83 0.00	64.14 0.51 0.00	60.32 0.36 0.00	60.25 0.24 0.00	57.52 0.23 0.00	55.99 0.06 0.00	56.27 -0.06 0.00	56.69 -0.17 0.00	60.98 -0.24 0.00	80.48 -0.48 0.00	106.97 0.11 0.00	93.97 0.00 0.00	84.78 0.17 0.00	69.47 0.28 0.00	62.35 0.37 0.00	54.25 0.48 0.00	50.36 0.64 0.00
SITHE___OGDNSBRG 24021	47.29 1.29 0.00	46.56 1.31 0.00	43.64 1.19 0.00	43.18 1.14 0.00	46.01 1.38 0.00	50.67 1.57 0.00	67.26 2.27 0.00	77.61 2.55 0.00	65.16 1.53 0.00	60.97 1.02 0.00	60.85 0.84 0.00	57.87 0.57 0.00	56.38 0.45 0.00	56.55 0.23 0.00	56.92 0.06 0.00	61.29 0.06 0.00	80.97 0.00 0.00	108.25 1.39 0.00	95.28 1.32 0.00	86.31 1.69 0.00	70.71 1.52 0.00	63.77 1.80 0.00	55.33 1.56 0.00	51.21 1.49 0.00
SITHE___STERLING 23777	47.10 1.10 0.00	46.33 1.08 0.00	43.51 1.06 0.00	43.02 0.97 0.00	45.70 1.07 0.00	50.43 1.33 0.00	66.94 1.95 0.00	77.39 2.33 0.00	65.41 1.78 0.00	61.51 1.56 0.00	61.51 1.50 0.00	58.55 1.26 0.00	57.16 1.23 0.00	57.63 1.30 0.00	58.17 1.31 0.00	62.76 1.53 0.00	83.23 2.26 0.00	110.07 3.20 0.00	96.69 2.73 0.00	87.15 2.54 0.00	71.20 2.01 0.00	63.58 1.61 0.00	55.00 1.24 0.00	50.81 1.09 0.00
SLEIGHT__34_KV_TB1 80719	44.80 -1.20 0.00	43.89 -1.36 0.00	41.14 -1.32 0.00	40.87 -1.18 0.00	43.11 -1.52 0.00	47.23 -1.87 0.00	62.26 -2.73 0.00	71.83 -3.23 0.00	61.34 -2.29 0.00	58.10 -1.86 0.00	58.21 -1.80 0.00	55.57 -1.72 0.00	53.92 -2.01 0.00	54.24 -2.08 0.00	54.64 -2.22 0.00	58.28 -2.94 0.00	77.16 -3.81 0.00	102.80 -4.06 0.00	89.92 -4.04 0.00	81.23 -3.38 0.00	66.28 -2.91 0.00	59.00 -2.97 0.00	51.62 -2.15 0.00	47.73 -1.99 0.00
SMITHTWN_69_KV_BK 1 55830	49.63 3.63 0.00	48.46 3.21 0.00	45.26 2.80 0.00	44.78 2.73 0.00	47.80 3.17 0.00	53.27 4.17 0.00	67.13 2.14 0.01	77.53 2.48 0.01	66.50 2.86 0.00	63.13 3.18 0.00	62.83 2.82 0.00	62.05 4.76 0.00	60.98 4.98 -0.07	61.57 5.18 -0.06	62.35 5.46 -0.03	67.28 6.06 0.01	88.33 7.37 0.00	116.14 9.19 -0.09	102.61 8.64 0.00	91.81 7.19 0.00	73.89 4.70 0.00	67.60 5.39 -0.24	57.69 3.93 0.00	53.94 4.23 0.00
SOUTH CAIRO___GT 23612	47.84 1.84 0.00	47.15 1.90 0.00	44.36 1.91 0.00	43.82 1.77 0.00	46.64 2.01 0.00	51.41 2.31 0.00	68.50 3.51 0.00	79.04 3.98 0.00	66.50 2.86 0.00	62.23 2.28 0.00	61.99 1.98 0.00	59.30 2.01 0.00	58.00 2.07 0.00	58.41 2.08 0.00	59.08 2.22 0.00	64.04 2.82 0.00	85.50 4.53 0.00	112.74 5.88 0.00	99.42 5.45 0.00	88.93 4.32 0.00	72.85 3.67 0.00	65.07 3.10 0.00	56.35 2.58 0.00	52.05 2.34 0.00
SOUTH HAMPTN___IC 23720	49.82 3.82 0.00	48.68 3.44 0.00	45.34 2.89 0.00	45.08 3.03 0.00	47.98 3.35 0.00	53.67 4.57 0.00	67.97 2.99 0.01	77.98 2.92 0.01	66.75 3.12 0.00	63.55 3.60 0.00	63.13 3.12 0.00	62.22 4.93 0.00	61.04 5.04 -0.07	61.80 5.41 -0.06	62.63 5.74 -0.03	67.10 5.88 0.00	88.74 7.77 0.00	117.22 10.16 -0.20	103.27 9.30 0.00	91.89 7.28 0.00	74.31 5.12 0.00	68.33 5.82 -0.53	57.91 4.14 0.00	53.74 4.03 0.00
SOUTHDOWN_115KV_TB1 355954	44.44 -1.56 0.00	43.44 -1.81 0.00	40.46 -2.00 0.00	40.28 -1.77 0.00	42.04 -2.59 0.00	45.81 -3.29 0.00	59.79 -5.20 0.00	68.29 -6.76 0.02	58.10 -5.54 0.00	55.40 -4.56 0.00	55.51 -4.50 0.00	52.41 -4.87 0.01	50.99 -4.92 0.02	51.47 -4.84 0.02	51.95 -4.89 0.02	56.19 -5.02 0.02	74.47 -6.48 0.02	98.72 -8.12 0.02	86.90 -7.05 0.02	76.48 -8.12 0.01	62.53 -6.64 0.02	55.82 -6.14 0.02	49.20 -4.57 0.00	45.59 -4.13 0.00
SOUTHOLD_69_KV_BK 2 55809	49.77 3.77 0.00	48.59 3.35 0.00	45.38 2.93 0.00	44.95 2.90 0.00	47.93 3.30 0.00	53.57 4.47 0.00	67.00 2.01 0.01	77.38 2.33 0.01	66.31 2.67 0.00	62.77 2.82 0.00	62.77 2.76 0.00	61.82 4.53 0.00	60.81 4.81 -0.07	61.46 5.07 -0.06	62.41 5.52 -0.03	67.53 6.31 0.01	88.82 7.85 0.00	117.22 10.15 -0.20	103.46 9.49 0.00	92.32 7.70 0.00	74.10 4.91 0.00	67.96 5.45 -0.53	57.53 3.76 0.00	54.09 4.37 0.00
SOUTHOLD___IC 23719	49.77 3.77 0.00	48.64 3.40 0.00	45.30 2.84 0.00	45.04 2.99 0.00	47.93 3.30 0.00	53.67 4.57 0.00	67.65 2.67 0.01	77.61 2.55 0.01	66.37 2.73 0.00	63.25 3.30 0.00	62.89 2.88 0.00	61.88 4.59 0.00	60.75 4.75 -0.07	61.51 5.13 -0.06	62.40 5.51 -0.03	66.98 5.75 0.00	88.57 7.61 0.00	117.22 10.16 -0.20	103.18 9.21 0.00	91.72 7.11 0.00	74.10 4.91 0.00	68.09 5.58 -0.53	57.64 3.87 0.00	53.69 3.98 0.00
SOUTH_FORK_WT_PWR 323839	49.31 3.31 0.00	48.23 2.99 0.00	44.87 2.42 0.00	44.66 2.61 0.00	47.53 2.90 0.00	53.22 4.12 0.00	66.87 1.89 0.01	76.63 1.58 0.01	65.54 1.91 0.00	62.41 2.46 0.00	62.11 2.10 0.00	61.13 3.84 0.00	60.03 4.03 -0.07	60.79 4.40 -0.06	61.67 4.78 -0.03	66.18 4.96 0.00	87.52 6.56 0.00	115.83 8.76 -0.20	101.95 7.98 0.00	90.62 6.01 0.00	73.20 4.01 0.00	67.28 4.77 -0.53	56.88 3.12 0.00	53.19 3.48 0.00
SPIERFLS_115KV_TB 1 80737	48.58 2.58 0.00	48.01 2.76 0.00	45.09 2.63 0.00	44.53 2.48 0.00	46.28 1.65 0.00	51.06 1.96 0.00	67.78 2.79 0.00	78.22 3.15 0.00	65.80 2.16 0.00	61.81 1.86 0.00	61.81 1.80 0.00	59.18 1.89 0.00	57.78 1.85 0.00	58.08 1.75 0.00	58.85 1.99 0.00	63.43 2.20 0.00	84.53 3.56 0.00	110.82 3.95 0.00	97.72 3.76 0.00	87.49 2.88 0.00	71.95 2.77 0.00	64.08 2.11 0.00	55.65 1.88 0.00	51.41 1.69 0.00
ST LAWRENCE____ 23600	45.82 -0.18 0.00	45.06 -0.18 0.00	42.28 -0.17 0.00	41.88 -0.17 0.00	44.50 -0.13 0.00	48.86 -0.24 0.00	64.60 -0.39 0.00	74.69 -0.37 0.00	63.19 -0.44 0.00	59.47 -0.48 0.00	59.41 -0.60 0.00	56.72 -0.57 0.00	55.26 -0.67 0.00	55.60 -0.73 0.00	56.06 -0.80 0.00	60.31 -0.92 0.00	79.67 -1.30 0.00	105.69 -1.17 0.00	92.84 -1.12 0.00	83.69 -0.93 0.00	68.56 -0.62 0.00	61.48 -0.50 0.00	53.45 -0.32 0.00	49.57 -0.15 0.00

STATE_CA_115KV_115_LB 55624	46.97 0.97 0.00	46.20 0.95 0.00	43.51 1.06 0.00	43.06 1.01 0.00	45.70 1.07 0.00	50.33 1.23 0.00	66.74 1.75 0.00	77.09 2.03 0.00	65.22 1.59 0.00	61.39 1.44 0.00	61.63 1.62 0.00	59.01 1.72 0.00	57.67 1.73 0.00	58.19 1.86 0.00	58.85 1.99 0.00	63.43 2.20 0.00	84.04 3.08 0.00	109.96 3.10 0.00	96.79 2.82 0.00	86.90 2.28 0.00	71.12 1.94 0.00	63.59 1.61 0.00	55.22 1.45 0.00	51.16 1.44 0.00
STATE_ST_34_KV_LOAD 55959	45.72 -0.28 0.00	44.88 -0.36 0.00	42.07 -0.38 0.00	41.71 -0.34 0.00	44.14 -0.49 0.00	48.56 -0.54 0.00	64.47 -0.52 0.00	74.54 -0.53 -0.01	63.32 -0.32 0.00	59.60 -0.36 0.00	59.59 -0.42 0.00	56.84 -0.46 0.00	55.49 -0.45 -0.01	55.88 -0.45 -0.01	56.35 -0.51 -0.01	60.62 -0.61 -0.01	80.32 -0.65 -0.01	106.44 -0.43 -0.01	93.60 -0.38 -0.01	84.36 -0.25 0.00	68.85 -0.35 -0.01	61.36 -0.62 -0.01	53.34 -0.43 0.00	49.22 -0.50 0.00
STATION_5_MISC_HYD 23604	45.12 -0.88 0.00	44.12 -1.13 0.00	41.35 -1.10 0.00	40.96 -1.09 0.00	42.93 -1.70 0.00	46.94 -2.16 0.00	61.48 -3.51 0.00	70.47 -4.58 0.01	60.58 -3.05 0.00	57.49 -2.46 0.00	57.67 -2.34 0.00	55.11 -2.18 0.00	53.58 -2.35 0.01	53.56 -2.76 0.01	53.95 -2.90 0.01	57.73 -3.49 0.01	75.70 -5.26 0.01	101.41 -5.45 0.01	88.70 -5.26 0.01	80.30 -4.31 0.00	65.31 -3.87 0.01	57.75 -4.22 0.01	51.03 -2.74 0.00	47.63 -2.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	44.94 -1.06 0.00	44.02 -1.22 0.00	41.26 -1.19 0.00	41.00 -1.05 0.00	43.25 -1.38 0.00	47.38 -1.72 0.00	62.39 -2.60 0.00	71.91 -3.15 0.00	61.41 -2.23 0.00	58.16 -1.80 0.00	58.27 -1.74 0.00	55.63 -1.66 0.00	54.03 -1.90 0.00	54.30 -2.03 0.00	54.75 -2.10 0.00	58.34 -2.88 0.00	77.32 -3.64 0.00	102.90 -3.95 0.00	90.02 -3.95 0.00	81.40 -3.22 0.00	66.42 -2.77 0.00	59.12 -2.85 0.00	51.72 -2.04 0.00	47.83 -1.89 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.53 -1.47 0.00	43.62 -1.63 0.00	40.88 -1.57 0.00	40.66 -1.39 0.00	42.71 -1.92 0.00	46.69 -2.41 0.00	61.15 -3.83 0.00	70.25 -4.80 0.01	60.13 -3.50 0.00	57.14 -2.82 0.00	57.37 -2.64 0.00	54.71 -2.58 0.00	53.02 -2.91 0.01	53.28 -3.04 0.01	53.67 -3.18 0.01	56.87 -4.35 0.01	75.37 -5.59 0.01	100.66 -6.20 0.01	87.76 -6.20 0.01	79.53 -5.08 0.00	64.96 -4.22 0.01	57.75 -4.21 0.01	50.81 -2.96 0.00	47.03 -2.68 0.00
STA_56___34_KV_BUS2 355983	44.53 -1.47 0.00	43.62 -1.63 0.00	40.88 -1.57 0.00	40.66 -1.39 0.00	42.71 -1.92 0.00	46.69 -2.41 0.00	61.15 -3.83 0.00	70.25 -4.80 0.01	60.13 -3.50 0.00	57.14 -2.82 0.00	57.37 -2.64 0.00	54.71 -2.58 0.00	53.02 -2.91 0.01	53.28 -3.04 0.01	53.67 -3.18 0.01	56.87 -4.35 0.01	75.37 -5.59 0.01	100.66 -6.20 0.01	87.76 -6.20 0.01	79.53 -5.08 0.00	64.96 -4.22 0.01	57.75 -4.21 0.01	50.81 -2.96 0.00	47.03 -2.68 0.00
STA_67___115KV_BK2 355882	44.76 -1.24 0.00	43.80 -1.45 0.00	41.05 -1.40 0.00	40.83 -1.22 0.00	42.89 -1.74 0.00	46.84 -2.26 0.00	61.28 -3.70 0.00	70.33 -4.73 0.01	60.26 -3.37 0.00	57.32 -2.64 0.00	57.49 -2.52 0.00	54.88 -2.41 0.00	53.07 -2.85 0.01	53.34 -2.99 0.01	53.72 -3.13 0.01	56.93 -4.29 0.01	75.45 -5.51 0.01	100.76 -6.09 0.01	87.85 -6.11 0.01	79.62 -4.99 0.00	65.03 -4.15 0.01	57.81 -4.15 0.01	50.92 -2.85 0.00	47.18 -2.54 0.00
STA_7___115KV_9TRANS 80674	44.99 -1.01 0.00	44.02 -1.22 0.00	41.26 -1.19 0.00	41.04 -1.01 0.00	43.11 -1.52 0.00	47.09 -2.01 0.00	61.61 -3.38 0.00	70.78 -4.28 0.01	60.71 -2.93 0.00	57.68 -2.28 0.00	57.91 -2.10 0.00	55.28 -2.01 0.00	53.52 -2.41 0.01	53.73 -2.59 0.01	54.12 -2.73 0.01	57.36 -3.86 0.01	76.02 -4.94 0.01	101.51 -5.34 0.01	88.60 -5.36 0.01	80.30 -4.32 0.00	65.51 -3.67 0.01	58.25 -3.72 0.01	51.24 -2.53 0.00	47.48 -2.24 0.00
STA_82___115KV_TB1 80780	44.71 -1.29 0.00	43.80 -1.45 0.00	41.01 -1.44 0.00	40.83 -1.22 0.00	42.84 -1.79 0.00	46.84 -2.26 0.00	61.22 -3.77 0.00	70.25 -4.80 0.01	60.26 -3.37 0.00	57.26 -2.70 0.00	57.43 -2.58 0.00	54.83 -2.46 0.00	53.02 -2.91 0.01	53.28 -3.04 0.01	53.67 -3.18 0.01	56.87 -4.35 0.01	75.37 -5.59 0.01	100.66 -6.20 0.01	87.85 -6.11 0.01	79.53 -5.08 0.00	64.96 -4.22 0.01	57.81 -4.15 0.01	50.92 -2.85 0.00	47.18 -2.54 0.00
STEEL___WIND 323596	44.39 -1.61 0.00	43.43 -1.81 0.00	40.59 -1.87 0.00	40.20 -1.85 0.00	41.82 -2.81 0.00	45.37 -3.73 0.00	58.81 -6.18 0.00	66.94 -8.11 0.02	57.52 -6.11 0.00	54.92 -5.04 0.00	55.09 -4.92 0.00	52.30 -4.98 0.01	50.77 -5.14 0.02	50.79 -5.52 0.02	51.33 -5.51 0.02	55.33 -5.88 0.02	73.26 -7.69 0.02	95.94 -10.90 0.02	83.99 -9.96 0.02	75.97 -8.63 0.01	61.77 -7.40 0.02	55.21 -6.75 0.02	48.77 -5.00 0.00	45.89 -3.83 0.00
STEPHTWN_115KV_BK_2 55603	47.20 1.20 0.00	46.42 1.18 0.00	43.73 1.27 0.00	43.27 1.22 0.00	45.92 1.29 0.00	50.62 1.52 0.00	67.20 2.21 0.00	77.54 2.48 0.00	65.54 1.91 0.00	61.69 1.74 0.00	61.87 1.86 0.00	59.24 1.95 0.00	57.89 1.96 0.00	58.36 2.03 0.00	59.08 2.22 0.00	63.68 2.45 0.00	84.45 3.48 0.00	110.60 3.74 0.00	97.44 3.48 0.00	87.41 2.79 0.00	71.54 2.35 0.00	63.96 1.98 0.00	55.49 1.72 0.00	51.36 1.64 0.00
STEBEN_REC_LFGE 323667	44.02 -1.98 0.00	42.98 -2.26 0.00	40.20 -2.25 0.00	39.99 -2.06 0.00	41.55 -3.08 0.00	45.17 -3.93 0.00	59.14 -5.85 0.00	67.72 -7.28 0.06	57.40 -6.24 0.00	54.20 -5.76 0.00	54.01 -6.00 0.00	50.96 -6.30 0.03	49.56 -6.32 0.06	49.91 -6.37 0.06	50.43 -6.37 0.06	54.25 -6.92 0.06	72.57 -8.34 0.06	96.76 -10.05 0.06	85.26 -8.64 0.06	76.55 -8.04 0.03	62.35 -6.78 0.06	55.72 -6.20 0.06	48.87 -4.89 0.00	45.19 -4.52 0.00
STILLWATER___SOLAR 323814	47.61 1.61 0.00	46.96 1.72 0.00	44.11 1.65 0.00	43.69 1.64 0.00	46.50 1.87 0.00	51.26 2.16 0.00	68.04 3.06 0.00	78.52 3.45 0.00	66.18 2.55 0.00	62.23 2.28 0.00	62.29 2.28 0.00	59.59 2.29 0.00	58.17 2.24 0.00	58.58 2.26 0.00	59.36 2.50 0.00	63.98 2.76 0.00	85.17 4.21 0.00	111.45 4.59 0.00	98.29 4.32 0.00	88.17 3.55 0.00	72.30 3.12 0.00	64.64 2.66 0.00	55.97 2.21 0.00	51.65 1.94 0.00
STONY___BROOK 24151	49.54 3.54 0.00	48.46 3.21 0.00	45.09 2.63 0.00	44.82 2.77 0.00	47.71 3.08 0.00	53.32 4.22 0.00	67.58 2.60 0.01	77.46 2.40 0.01	66.50 2.87 0.00	63.49 3.54 0.00	62.77 2.76 0.00	61.93 4.64 0.00	60.81 4.81 -0.07	61.52 5.13 -0.06	62.18 5.29 -0.03	66.49 5.27 0.00	87.77 6.80 0.00	115.77 8.76 -0.15	102.05 8.08 0.00	90.96 6.35 0.00	73.62 4.43 0.00	67.81 5.46 -0.38	57.80 4.03 0.00	53.49 3.78 0.00
STURGEON_POOL_HYD 23609	48.35 2.35 0.00	47.51 2.26 0.00	44.45 2.00 0.00	43.98 1.93 0.00	46.91 2.28 0.00	51.80 2.70 0.00	68.56 3.57 0.00	79.27 4.20 0.00	67.20 3.56 0.00	63.49 3.54 0.00	63.43 3.42 0.00	60.73 3.44 0.00	59.51 3.58 0.00	59.93 3.61 0.00	60.61 3.75 0.00	65.51 4.29 0.00	86.55 5.59 0.00	113.92 7.05 0.00	100.17 6.20 0.00	89.95 5.33 0.00	73.27 4.08 0.00	65.88 3.90 0.00	56.62 2.85 0.00	52.25 2.54 0.00

ST_LAW_115_BK7_LBMP 345037	45.86 -0.14 0.00	45.11 -0.14 0.00	42.33 -0.13 0.00	41.92 -0.13 0.00	44.54 -0.09 0.00	48.90 -0.20 0.00	64.67 -0.32 0.00	74.76 -0.30 0.00	63.25 -0.38 0.00	59.47 -0.48 0.00	59.47 -0.54 0.00	56.72 -0.57 0.00	55.26 -0.67 0.00	55.60 -0.73 0.00	56.06 -0.80 0.00	60.37 -0.86 0.00	79.67 -1.30 0.00	105.79 -1.07 0.00	92.93 -1.03 0.00	83.77 -0.85 0.00	68.56 -0.62 0.00	61.54 -0.43 0.00	53.50 -0.27 0.00	49.67 -0.05 0.00
ST_LAW_115_BK8_LBMP 345038	45.86 -0.14 0.00	45.11 -0.14 0.00	42.33 -0.13 0.00	41.92 -0.13 0.00	44.54 -0.09 0.00	48.90 -0.20 0.00	64.67 -0.32 0.00	74.76 -0.30 0.00	63.25 -0.38 0.00	59.47 -0.48 0.00	59.47 -0.54 0.00	56.72 -0.57 0.00	55.26 -0.67 0.00	55.60 -0.73 0.00	56.06 -0.80 0.00	60.37 -0.86 0.00	79.67 -1.30 0.00	105.79 -1.07 0.00	92.93 -1.03 0.00	83.77 -0.85 0.00	68.56 -0.62 0.00	61.54 -0.43 0.00	53.50 -0.27 0.00	49.67 -0.05 0.00
ST_LAW_230_BK5_LBMP 345035	45.82 -0.18 0.00	45.06 -0.18 0.00	42.28 -0.17 0.00	41.88 -0.17 0.00	44.50 -0.13 0.00	48.86 -0.24 0.00	64.60 -0.39 0.00	74.69 -0.37 0.00	63.19 -0.44 0.00	59.47 -0.48 0.00	59.41 -0.60 0.00	56.72 -0.57 0.00	55.26 -0.67 0.00	55.60 -0.73 0.00	56.06 -0.80 0.00	60.31 -0.92 0.00	79.67 -1.30 0.00	105.69 -1.17 0.00	92.84 -1.12 0.00	83.69 -0.93 0.00	68.56 -0.62 0.00	61.48 -0.50 0.00	53.45 -0.32 0.00	49.57 -0.15 0.00
ST_LAW_230_BK6_LBMP 345036	45.82 -0.18 0.00	45.06 -0.18 0.00	42.28 -0.17 0.00	41.88 -0.17 0.00	44.50 -0.13 0.00	48.86 -0.24 0.00	64.60 -0.39 0.00	74.69 -0.37 0.00	63.19 -0.44 0.00	59.47 -0.48 0.00	59.41 -0.60 0.00	56.72 -0.57 0.00	55.26 -0.67 0.00	55.60 -0.73 0.00	56.06 -0.80 0.00	60.31 -0.92 0.00	79.67 -1.30 0.00	105.69 -1.17 0.00	92.84 -1.12 0.00	83.69 -0.93 0.00	68.56 -0.62 0.00	61.48 -0.50 0.00	53.45 -0.32 0.00	49.57 -0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.25 2.25 0.00	47.42 2.17 0.00	44.36 1.91 0.00	43.94 1.89 0.00	46.82 2.19 0.00	51.70 2.60 0.00	68.37 3.38 0.00	79.04 3.98 0.00	67.01 3.37 0.00	63.31 3.36 0.00	63.31 3.30 0.00	60.62 3.32 0.00	59.40 3.47 0.00	59.82 3.49 0.00	60.50 3.64 0.00	65.33 4.10 0.00	86.23 5.26 0.00	113.49 6.63 0.00	99.79 5.83 0.00	89.69 5.08 0.00	73.06 3.87 0.00	65.63 3.66 0.00	56.51 2.74 0.00	52.15 2.44 0.00
SWANROAD_115KV_TB1 355699	43.29 -2.71 0.00	42.35 -2.90 0.00	39.27 -3.18 0.00	39.69 -2.35 0.00	40.79 -3.84 0.00	44.19 -4.91 0.00	56.87 -8.12 0.00	64.84 -10.21 0.01	55.68 -7.95 0.00	53.36 -6.60 0.00	53.47 -6.54 0.00	50.87 -6.42 0.01	49.15 -6.77 0.01	49.50 -6.82 0.01	49.79 -7.05 0.01	52.58 -8.63 0.01	69.86 -11.09 0.01	92.53 -14.32 0.01	80.70 -13.25 0.01	73.02 -11.59 0.01	59.83 -9.34 0.01	53.28 -8.68 0.01	47.48 -6.29 0.00	44.25 -5.47 0.00
SYNERGY___BIOGAS 323694	44.90 -1.10 0.00	43.84 -1.40 0.00	40.88 -1.57 0.00	41.00 -1.05 0.00	42.58 -2.05 0.00	46.30 -2.80 0.00	60.18 -4.81 0.00	68.90 -6.16 0.01	59.12 -4.52 0.00	56.30 -3.66 0.00	56.47 -3.54 0.00	53.73 -3.55 0.01	51.84 -4.08 0.01	52.15 -4.17 0.01	52.53 -4.32 0.01	55.64 -5.57 0.01	73.91 -7.04 0.01	98.62 -8.23 0.01	85.97 -7.99 0.01	77.92 -6.68 0.01	63.64 -5.53 0.01	56.57 -5.39 0.01	50.06 -3.71 0.00	46.48 -3.23 0.00
SYRACUSE___ENERGY_ST1 323597	45.49 -0.51 0.00	44.70 -0.54 0.00	41.94 -0.51 0.00	41.54 -0.50 0.00	44.00 -0.62 0.00	48.36 -0.74 0.00	64.14 -0.84 0.00	74.16 -0.90 0.00	63.00 -0.64 0.00	59.42 -0.54 0.00	59.41 -0.60 0.00	56.72 -0.57 0.00	55.37 -0.56 0.00	55.82 -0.51 0.00	56.29 -0.57 0.00	60.55 -0.67 0.00	80.16 -0.81 0.00	105.90 -0.96 0.00	93.03 -0.94 0.00	83.77 -0.85 0.00	68.50 -0.69 0.00	61.11 -0.87 0.00	53.12 -0.65 0.00	49.02 -0.70 0.00
SYRACUSE___ENERGY_ST2 323598	45.49 -0.51 0.00	44.70 -0.54 0.00	41.94 -0.51 0.00	41.54 -0.50 0.00	44.00 -0.62 0.00	48.36 -0.74 0.00	64.14 -0.84 0.00	74.16 -0.90 0.00	63.00 -0.64 0.00	59.42 -0.54 0.00	59.41 -0.60 0.00	56.72 -0.57 0.00	55.37 -0.56 0.00	55.82 -0.51 0.00	56.29 -0.57 0.00	60.55 -0.67 0.00	80.16 -0.81 0.00	105.90 -0.96 0.00	93.03 -0.94 0.00	83.77 -0.85 0.00	68.50 -0.69 0.00	61.11 -0.87 0.00	53.12 -0.65 0.00	49.02 -0.70 0.00
SYRACUSE___POWER 24017	45.45 -0.55 0.00	44.66 -0.59 0.00	41.90 -0.55 0.00	41.50 -0.55 0.00	43.96 -0.67 0.00	48.36 -0.74 0.00	64.08 -0.91 0.00	74.09 -0.98 0.00	62.93 -0.70 0.00	59.30 -0.66 0.00	59.35 -0.66 0.00	56.61 -0.69 0.00	55.27 -0.67 0.00	55.71 -0.62 0.00	56.24 -0.63 0.00	60.50 -0.73 0.00	80.08 -0.89 0.00	105.80 -1.07 0.00	93.03 -0.94 0.00	83.69 -0.93 0.00	68.43 -0.76 0.00	61.05 -0.93 0.00	53.07 -0.70 0.00	48.97 -0.75 0.00
TALLMAN__138KV_BK151 55660	48.48 2.48 0.00	47.64 2.40 0.00	44.53 2.08 0.00	44.11 2.06 0.00	47.04 2.41 0.00	51.95 2.85 0.00	68.69 3.70 0.00	79.49 4.43 0.00	67.32 3.69 0.00	63.67 3.72 0.00	63.73 3.72 0.00	61.02 3.72 0.00	59.79 3.86 0.00	60.22 3.89 0.00	60.90 4.04 0.00	65.76 4.53 0.00	86.80 5.83 0.00	114.24 7.37 0.00	100.45 6.48 0.00	90.28 5.67 0.00	73.41 4.22 0.00	66.00 4.03 0.00	56.78 3.01 0.00	52.45 2.73 0.00
TEALLAVE_115KV_TB7 355573	45.22 -0.78 0.00	44.43 -0.81 0.00	41.69 -0.76 0.00	41.33 -0.71 0.00	43.74 -0.89 0.00	48.12 -0.98 0.00	63.69 -1.30 0.00	73.64 -1.43 0.00	62.55 -1.08 0.00	59.00 -0.96 0.00	59.05 -0.96 0.00	56.38 -0.92 0.00	55.04 -0.89 0.00	55.43 -0.90 0.00	55.95 -0.91 0.00	60.12 -1.10 0.00	79.59 -1.38 0.00	105.15 -1.71 0.00	92.37 -1.60 0.00	83.09 -1.52 0.00	67.94 -1.25 0.00	60.61 -1.36 0.00	52.75 -1.02 0.00	48.72 -0.99 0.00
TELGRAPH_34_KV_EAST 80808	44.16 -1.84 0.00	43.21 -2.04 0.00	40.20 -2.25 0.00	40.41 -1.64 0.00	41.86 -2.77 0.00	45.42 -3.68 0.00	58.75 -6.24 0.00	67.17 -7.88 0.01	57.65 -5.98 0.00	55.04 -4.92 0.00	55.21 -4.80 0.00	52.53 -4.76 0.01	50.72 -5.20 0.01	51.08 -5.24 0.01	51.39 -5.46 0.01	54.42 -6.80 0.01	72.21 -8.74 0.01	95.95 -10.90 0.01	83.71 -10.24 0.01	75.72 -8.88 0.01	61.98 -7.20 0.01	55.15 -6.82 0.01	48.98 -4.79 0.00	45.54 -4.18 0.00
TEMPLE___115KV_TB 2 55572	45.26 -0.74 0.00	44.48 -0.77 0.00	41.69 -0.76 0.00	41.33 -0.71 0.00	43.78 -0.85 0.00	48.12 -0.98 0.00	63.69 -1.30 0.00	73.64 -1.43 0.00	62.62 -1.02 0.00	59.06 -0.90 0.00	59.11 -0.90 0.00	56.43 -0.86 0.00	55.04 -0.89 0.00	55.48 -0.84 0.00	56.01 -0.85 0.00	60.19 -1.04 0.00	79.67 -1.30 0.00	105.15 -1.71 0.00	92.37 -1.60 0.00	83.18 -1.44 0.00	67.94 -1.25 0.00	60.67 -1.30 0.00	52.80 -0.97 0.00	48.77 -0.94 0.00
TIANA____69_KV_BK 1 55817	49.86 3.86 0.00	48.64 3.39 0.00	45.42 2.97 0.00	44.99 2.94 0.00	47.98 3.35 0.00	53.57 4.47 0.00	67.39 2.40 0.01	77.83 2.78 0.01	66.69 3.05 0.00	63.19 3.24 0.00	63.07 3.06 0.00	62.16 4.87 0.00	61.15 5.15 -0.07	61.80 5.41 -0.06	62.69 5.80 -0.03	67.77 6.55 0.01	88.98 8.02 0.00	117.32 10.26 -0.20	103.55 9.58 0.00	92.57 7.95 0.00	74.45 5.26 0.00	68.27 5.76 -0.53	57.91 4.14 0.00	54.19 4.47 0.00

TILDEN___115KV_TB1 80814	45.45 -0.55 0.00	44.66 -0.59 0.00	41.90 -0.55 0.00	41.50 -0.55 0.00	43.96 -0.67 0.00	48.36 -0.74 0.00	64.08 -0.91 0.00	74.09 -0.98 0.00	62.93 -0.70 0.00	59.30 -0.66 0.00	59.35 -0.66 0.00	56.61 -0.69 0.00	55.27 -0.67 0.00	55.71 -0.62 0.00	56.24 -0.63 0.00	60.50 -0.73 0.00	80.08 -0.89 0.00	105.80 -1.07 0.00	93.03 -0.94 0.00	83.69 -0.93 0.00	68.43 -0.76 0.00	61.05 -0.93 0.00	53.07 -0.70 0.00	48.97 -0.75 0.00
TRIGEN___CC 323695	49.31 3.31 0.00	48.23 2.99 0.00	45.09 2.63 0.00	44.61 2.57 0.00	47.57 2.95 0.00	52.88 3.78 0.00	67.97 2.99 0.01	78.58 3.53 0.01	67.01 3.37 0.00	63.43 3.48 0.00	63.55 3.54 0.00	62.63 5.33 0.00	61.43 5.43 -0.07	61.97 5.46 -0.17	62.47 5.52 -0.10	67.22 6.00 0.01	88.25 7.29 0.00	115.84 8.98 0.00	102.24 8.27 0.00	91.72 7.11 0.00	74.03 4.84 0.00	66.93 4.96 0.00	57.32 3.55 0.00	53.34 3.63 0.00
TRINITY___115KV___4 BK 55933	46.83 0.83 0.00	46.01 0.77 0.00	43.39 0.93 0.00	42.93 0.88 0.00	45.52 0.89 0.00	50.13 1.03 0.00	66.48 1.49 0.00	76.79 1.73 0.00	64.97 1.34 0.00	61.15 1.20 0.00	61.39 1.38 0.00	58.78 1.49 0.00	57.44 1.51 0.00	57.91 1.58 0.00	58.56 1.71 0.00	63.12 1.90 0.00	83.64 2.67 0.00	109.32 2.46 0.00	96.32 2.35 0.00	86.48 1.86 0.00	70.85 1.66 0.00	63.34 1.36 0.00	55.00 1.24 0.00	50.91 1.19 0.00
UNION___PROCESSING_DRP 323587	44.76 -1.24 0.00	43.80 -1.45 0.00	41.01 -1.44 0.00	40.83 -1.22 0.00	42.84 -1.79 0.00	46.84 -2.26 0.00	61.22 -3.77 0.00	70.25 -4.80 0.01	60.26 -3.37 0.00	57.26 -2.70 0.00	57.43 -2.58 0.00	54.83 -2.46 0.00	53.07 -2.85 0.01	53.34 -2.99 0.01	53.72 -3.13 0.01	56.87 -4.35 0.01	75.37 -5.59 0.01	100.66 -6.20 0.01	87.85 -6.11 0.01	79.62 -4.99 0.00	65.03 -4.15 0.01	57.81 -4.15 0.01	50.92 -2.85 0.00	47.18 -2.54 0.00
UPPER HUDSON___HYD 24058	47.29 1.29 0.00	46.78 1.54 0.00	43.90 1.44 0.00	43.39 1.35 0.00	46.28 1.65 0.00	51.11 2.01 0.00	67.85 2.86 0.00	78.21 3.15 0.00	65.86 2.23 0.00	61.87 1.92 0.00	61.87 1.86 0.00	59.18 1.89 0.00	57.78 1.84 0.00	58.08 1.75 0.00	58.85 1.99 0.00	63.43 2.20 0.00	84.52 3.56 0.00	110.82 3.96 0.00	97.73 3.76 0.00	87.49 2.88 0.00	71.96 2.77 0.00	64.20 2.23 0.00	55.70 1.93 0.00	51.35 1.64 0.00
UPPER RAQUET___HYD 24056	46.46 0.46 0.00	45.74 0.50 0.00	42.92 0.47 0.00	42.47 0.42 0.00	45.21 0.58 0.00	49.69 0.59 0.00	65.77 0.78 0.00	76.11 1.05 0.00	64.02 0.38 0.00	60.08 0.12 0.00	60.01 0.00 0.00	57.18 -0.11 0.00	55.71 -0.22 0.00	55.94 -0.39 0.00	56.23 -0.62 0.00	60.19 -1.04 0.00	79.35 -1.62 0.00	105.47 -1.39 0.00	92.65 -1.32 0.00	83.94 -0.68 0.00	68.98 -0.21 0.00	62.22 0.25 0.00	54.20 0.43 0.00	50.26 0.55 0.00
VALLEY44_115KV_TB2 355964	43.93 -2.07 0.00	43.03 -2.22 0.00	40.16 -2.29 0.00	40.16 -1.89 0.00	41.86 -2.77 0.00	45.61 -3.49 0.00	59.59 -5.39 0.00	68.14 -6.91 0.02	57.78 -5.85 0.00	55.10 -4.86 0.00	55.15 -4.86 0.00	52.13 -5.16 0.01	51.16 -4.75 0.02	51.69 -4.62 0.02	52.35 -4.49 0.02	57.41 -3.80 0.02	75.76 -5.18 0.02	97.23 -9.62 0.02	85.96 -7.99 0.02	76.31 -8.29 0.01	62.60 -6.57 0.02	56.32 -5.64 0.02	49.04 -4.73 0.00	45.59 -4.13 0.00
VALLEY___115KV_TB 1-4 80826	47.61 1.61 0.00	46.83 1.58 0.00	43.90 1.44 0.00	43.44 1.39 0.00	46.15 1.52 0.00	50.77 1.67 0.00	67.20 2.21 0.00	77.54 2.48 0.00	65.61 1.97 0.00	61.63 1.68 0.00	61.81 1.80 0.00	58.84 1.55 0.00	57.39 1.45 0.00	57.79 1.46 0.00	58.39 1.54 0.00	62.88 1.65 0.00	83.40 2.43 0.00	110.18 3.31 0.00	97.07 3.10 0.00	87.49 2.88 0.00	71.54 2.35 0.00	64.21 2.23 0.00	55.65 1.88 0.00	51.46 1.74 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.84 1.84 0.00	47.19 1.95 0.00	44.24 1.78 0.00	43.73 1.68 0.00	46.55 1.92 0.00	51.26 2.16 0.00	67.91 2.92 0.00	78.52 3.45 0.00	66.62 2.99 0.00	62.83 2.88 0.00	62.95 2.94 0.00	59.93 2.64 0.00	58.56 2.63 0.00	59.03 2.70 0.00	59.64 2.79 0.00	64.35 3.12 0.00	85.18 4.21 0.00	112.53 5.66 0.00	98.76 4.79 0.00	88.68 4.06 0.00	72.44 3.25 0.00	64.95 2.97 0.00	56.03 2.26 0.00	51.70 1.99 0.00
VISCHER___FERRY HYD 24020	47.19 1.19 0.00	46.51 1.27 0.00	43.77 1.32 0.00	43.35 1.30 0.00	46.10 1.47 0.00	50.77 1.67 0.00	67.52 2.53 0.00	77.84 2.78 0.00	65.80 2.16 0.00	61.93 1.98 0.00	62.11 2.10 0.00	59.41 2.12 0.00	58.06 2.12 0.00	58.47 2.14 0.00	59.19 2.33 0.00	63.74 2.51 0.00	84.61 3.65 0.00	110.50 3.64 0.00	97.54 3.57 0.00	87.58 2.96 0.00	71.67 2.49 0.00	64.20 2.23 0.00	55.60 1.83 0.00	51.31 1.59 0.00
V_A_10_SYNC_DSASP 323832	43.75 -2.25 0.00	42.80 -2.44 0.00	40.08 -2.38 0.00	39.99 -2.06 0.00	41.77 -2.86 0.00	45.37 -3.73 0.00	58.75 -6.24 0.00	67.17 -7.88 0.01	57.65 -5.98 0.00	55.04 -4.92 0.00	55.15 -4.86 0.00	52.59 -4.70 0.01	50.78 -5.15 0.01	51.02 -5.29 0.01	51.33 -5.52 0.01	54.05 -7.16 0.01	71.72 -9.23 0.01	95.84 -11.01 0.01	83.52 -10.43 0.01	75.72 -8.88 0.01	61.98 -7.20 0.01	55.08 -6.88 0.01	48.98 -4.79 0.00	45.54 -4.18 0.00
V_CMM_10_SYNC_DSASP 323787	46.09 0.09 0.00	45.34 0.09 0.00	42.54 0.08 0.00	42.13 0.08 0.00	44.76 0.13 0.00	49.25 0.15 0.00	65.25 0.26 0.00	75.36 0.30 0.00	63.76 0.13 0.00	60.01 0.06 0.00	60.01 0.00 0.00	57.18 -0.11 0.00	55.71 -0.22 0.00	55.93 -0.39 0.00	56.35 -0.51 0.00	60.68 -0.55 0.00	79.99 -0.97 0.00	106.22 -0.64 0.00	93.31 -0.66 0.00	84.19 -0.42 0.00	68.98 -0.21 0.00	61.98 0.00 0.00	53.87 0.11 0.00	49.91 0.20 0.00
V_CMP_10_SYNC_DSASP 323788	45.08 -0.92 0.00	44.39 -0.86 0.00	41.60 -0.85 0.00	41.25 -0.80 0.00	43.92 -0.71 0.00	47.97 -1.13 0.00	63.75 -1.23 0.00	73.71 -1.35 0.00	62.30 -1.34 0.00	58.58 -1.38 0.00	58.45 -1.56 0.00	55.57 -1.72 0.00	53.98 -1.96 0.00	53.96 -2.37 0.00	54.36 -2.50 0.00	58.59 -2.63 0.00	77.16 -3.81 0.00	102.48 -4.38 0.00	90.02 -3.95 0.00	81.40 -3.22 0.00	66.70 -2.49 0.00	60.12 -1.86 0.00	52.32 -1.45 0.00	48.57 -1.14 0.00
V_D_10_SYNC_DSASP 323841	46.51 0.51 0.00	45.74 0.50 0.00	42.88 0.42 0.00	42.51 0.46 0.00	45.16 0.54 0.00	49.69 0.59 0.00	65.83 0.84 0.00	76.04 0.98 0.00	64.27 0.64 0.00	60.49 0.54 0.00	60.49 0.48 0.00	57.64 0.34 0.00	56.10 0.17 0.00	56.27 -0.06 0.00	56.69 -0.17 0.00	61.04 -0.18 0.00	80.40 -0.57 0.00	106.86 0.00 0.00	93.87 -0.09 0.00	84.78 0.17 0.00	69.46 0.28 0.00	62.53 0.56 0.00	54.36 0.59 0.00	50.36 0.65 0.00
V_E_10_SYNC_DSASP 323830	48.48 2.48 0.00	47.73 2.49 0.00	44.79 2.33 0.00	44.15 2.10 0.00	46.99 2.37 0.00	51.90 2.80 0.00	69.08 4.09 0.00	79.88 4.80 -0.02	67.52 3.88 0.00	63.19 3.24 0.00	63.07 3.06 0.00	59.48 2.18 -0.01	58.13 2.18 -0.02	58.71 2.37 -0.02	59.32 2.44 -0.02	64.37 3.12 -0.02	85.84 4.86 -0.02	114.79 7.91 -0.02	100.75 6.77 -0.02	90.80 6.18 -0.01	74.05 4.84 -0.02	65.96 3.97 -0.02	56.72 2.96 0.00	52.35 2.63 0.00

V_F_30_NSYNC___DSASP 323816	48.07 2.07 0.00	47.42 2.17 0.00	44.58 2.12 0.00	44.07 2.02 0.00	46.55 1.92 0.00	51.26 2.16 0.00	68.04 3.05 0.00	78.52 3.45 0.00	66.24 2.61 0.00	62.23 2.28 0.00	62.29 2.28 0.00	59.58 2.29 0.00	58.23 2.29 0.00	58.64 2.31 0.00	59.42 2.56 0.00	64.10 2.88 0.00	85.26 4.29 0.00	111.67 4.81 0.00	98.38 4.42 0.00	88.25 3.64 0.00	72.37 3.18 0.00	64.58 2.60 0.00	55.97 2.20 0.00	51.75 2.04 0.00
V_F_30_SYNC_DSASP 323786	46.97 0.97 0.00	46.20 0.95 0.00	43.51 1.06 0.00	43.06 1.01 0.00	45.70 1.07 0.00	50.33 1.23 0.00	66.74 1.75 0.00	77.09 2.03 0.00	65.22 1.59 0.00	61.39 1.44 0.00	61.63 1.62 0.00	59.01 1.72 0.00	57.67 1.73 0.00	58.19 1.86 0.00	58.85 1.99 0.00	63.37 2.14 0.00	84.04 3.08 0.00	109.96 3.10 0.00	96.79 2.82 0.00	86.90 2.28 0.00	71.12 1.94 0.00	63.59 1.61 0.00	55.22 1.45 0.00	51.16 1.44 0.00
V_XM_10_SYNC_DSASP 323789	45.08 -0.92 0.00	44.39 -0.86 0.00	41.60 -0.85 0.00	41.25 -0.80 0.00	43.92 -0.71 0.00	47.97 -1.13 0.00	63.75 -1.23 0.00	73.71 -1.35 0.00	62.30 -1.34 0.00	58.58 -1.38 0.00	58.45 -1.56 0.00	55.57 -1.72 0.00	53.98 -1.96 0.00	53.96 -2.37 0.00	54.36 -2.50 0.00	58.59 -2.63 0.00	77.16 -3.81 0.00	102.48 -4.38 0.00	90.02 -3.95 0.00	81.40 -3.22 0.00	66.70 -2.49 0.00	60.12 -1.86 0.00	52.32 -1.45 0.00	48.57 -1.14 0.00
W.BABYLN_69_KV_BK1 56697	50.14 4.14 0.00	48.96 3.71 0.00	45.72 3.27 0.00	45.25 3.20 0.00	48.29 3.66 0.00	53.81 4.71 0.00	68.49 3.51 0.01	79.11 4.05 0.01	67.58 3.95 0.00	63.97 4.02 0.00	64.03 4.02 0.00	63.14 5.84 0.00	61.98 5.98 -0.07	62.66 6.25 -0.08	63.38 6.48 -0.04	68.45 7.22 0.01	89.95 8.99 0.00	118.24 11.33 -0.05	104.40 10.43 0.00	93.58 8.97 0.00	75.28 6.09 0.00	68.38 6.26 -0.14	58.23 4.46 0.00	54.34 4.62 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.71 2.71 0.00	47.82 2.58 0.00	44.75 2.29 0.00	44.28 2.23 0.00	47.22 2.59 0.00	52.14 3.04 0.00	69.02 4.03 0.00	79.79 4.73 0.00	67.71 4.07 0.00	63.97 4.02 0.00	64.03 4.02 0.00	61.30 4.01 0.00	60.07 4.14 0.00	60.55 4.22 0.00	61.24 4.38 0.00	66.12 4.90 0.00	87.20 6.23 0.00	114.77 7.91 0.00	100.92 6.95 0.00	90.71 6.09 0.00	73.75 4.57 0.00	66.31 4.34 0.00	57.05 3.28 0.00	52.65 2.93 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	49.13 3.13 0.00	48.23 2.99 0.00	45.04 2.59 0.00	44.57 2.52 0.00	47.57 2.95 0.00	52.59 3.49 0.00	69.48 4.48 0.00	80.39 5.33 0.00	68.22 4.58 0.00	64.52 4.56 -0.01	64.58 4.56 -0.01	62.13 4.58 -0.25	61.95 4.75 -1.26	62.10 4.84 -0.92	62.48 5.06 -0.56	66.91 5.63 -0.06	88.01 7.04 0.00	115.73 8.87 0.00	101.77 7.80 0.00	91.38 6.77 0.00	74.17 4.98 0.00	66.82 4.83 -0.01	57.37 3.60 0.00	53.00 3.28 0.00
W50THST__13_KV_LOAD 356117	49.31 3.31 0.00	48.37 3.12 0.00	45.17 2.72 0.00	44.74 2.69 0.00	47.71 3.08 0.00	52.78 3.68 0.00	69.74 4.74 0.00	80.69 5.63 0.00	68.53 4.90 0.00	64.82 4.86 -0.01	64.94 4.92 -0.01	62.53 4.98 -0.25	62.28 5.09 -1.26	62.49 5.24 -0.92	62.87 5.46 -0.56	67.28 6.00 -0.06	88.50 7.53 0.00	116.37 9.51 0.00	102.24 8.27 0.00	91.72 7.11 0.00	74.45 5.26 0.00	67.13 5.14 -0.01	57.59 3.82 0.00	53.20 3.48 0.00
WADING RIVER_IC_1 23522	49.72 3.72 0.00	48.59 3.35 0.00	45.25 2.80 0.00	44.95 2.90 0.00	47.89 3.26 0.00	53.57 4.47 0.00	67.97 2.99 0.01	77.98 2.92 0.01	66.69 3.05 0.00	63.55 3.60 0.00	63.07 3.06 0.00	62.16 4.87 0.00	60.98 4.98 -0.07	61.74 5.35 -0.06	62.52 5.63 -0.03	66.98 5.75 0.00	88.50 7.53 0.00	117.01 9.94 -0.20	102.99 9.02 0.00	91.80 7.19 0.00	74.24 5.05 0.00	68.28 5.76 -0.54	57.91 4.14 0.00	53.64 3.93 0.00
WADING RIVER_IC_2 23547	49.72 3.72 0.00	48.59 3.35 0.00	45.25 2.80 0.00	44.95 2.90 0.00	47.89 3.26 0.00	53.57 4.47 0.00	67.97 2.99 0.01	77.98 2.92 0.01	66.69 3.05 0.00	63.55 3.60 0.00	63.07 3.06 0.00	62.16 4.87 0.00	60.98 4.98 -0.07	61.74 5.35 -0.06	62.52 5.63 -0.03	66.98 5.75 0.00	88.50 7.53 0.00	117.01 9.94 -0.20	102.99 9.02 0.00	91.80 7.19 0.00	74.24 5.05 0.00	68.28 5.76 -0.54	57.91 4.14 0.00	53.64 3.93 0.00
WADING RIVER_IC_3 23601	49.72 3.72 0.00	48.59 3.35 0.00	45.25 2.80 0.00	44.95 2.90 0.00	47.89 3.26 0.00	53.57 4.47 0.00	67.97 2.99 0.01	77.98 2.92 0.01	66.69 3.05 0.00	63.55 3.60 0.00	63.07 3.06 0.00	62.16 4.87 0.00	60.98 4.98 -0.07	61.74 5.35 -0.06	62.52 5.63 -0.03	66.98 5.75 0.00	88.50 7.53 0.00	117.01 9.94 -0.20	102.99 9.02 0.00	91.80 7.19 0.00	74.24 5.05 0.00	68.28 5.76 -0.54	57.91 4.14 0.00	53.64 3.93 0.00
WALDENNY_12_KV_BK2 80841	44.07 -1.93 0.00	43.12 -2.13 0.00	40.20 -2.25 0.00	40.24 -1.81 0.00	41.77 -2.86 0.00	45.32 -3.78 0.00	58.68 -6.30 0.00	67.02 -8.03 0.02	57.40 -6.24 0.00	54.92 -5.04 0.00	55.09 -4.92 0.00	52.24 -5.04 0.01	50.66 -5.26 0.02	51.13 -5.18 0.02	51.55 -5.29 0.02	55.09 -6.12 0.02	73.01 -7.93 0.02	95.84 -11.01 0.02	83.90 -10.05 0.02	75.38 -9.22 0.01	61.70 -7.47 0.02	55.08 -6.88 0.02	48.82 -4.95 0.00	45.39 -4.33 0.00
WALDEN__HYDRO 24148	48.44 2.44 0.00	47.60 2.35 0.00	44.53 2.08 0.00	44.11 2.06 0.00	46.99 2.37 0.00	51.90 2.80 0.00	68.69 3.70 0.00	79.42 4.35 0.00	67.32 3.69 0.00	63.55 3.60 0.00	63.55 3.54 0.00	60.84 3.55 0.00	59.63 3.69 0.00	60.05 3.72 0.00	60.72 3.87 0.00	65.63 4.41 0.00	86.71 5.75 0.00	114.13 7.27 0.00	100.36 6.39 0.00	90.12 5.50 0.00	73.41 4.22 0.00	65.94 3.97 0.00	56.72 2.96 0.00	52.40 2.68 0.00
WARRENSBURG____ 23737	48.58 2.58 0.00	48.01 2.76 0.00	45.09 2.63 0.00	44.53 2.48 0.00	46.28 1.65 0.00	51.06 1.96 0.00	67.78 2.79 0.00	78.22 3.15 0.00	65.80 2.16 0.00	61.81 1.86 0.00	61.81 1.80 0.00	59.18 1.89 0.00	57.78 1.85 0.00	58.08 1.75 0.00	58.85 1.99 0.00	63.43 2.20 0.00	84.53 3.56 0.00	110.82 3.95 0.00	97.72 3.76 0.00	87.49 2.88 0.00	71.95 2.77 0.00	64.08 2.11 0.00	55.65 1.88 0.00	51.41 1.69 0.00
WATERSIDE____6 8 9 23538	49.36 3.36 -0.01	48.46 3.21 -0.01	45.26 2.80 -0.01	44.83 2.78 -0.01	47.80 3.17 -0.01	52.84 3.73 -0.01	69.48 4.48 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.65 4.62 -0.02	62.16 4.47 -0.40	62.53 4.59 -2.01	62.53 4.73 -1.47	62.64 4.89 -0.89	66.76 5.45 -0.09	87.93 6.96 0.00	115.52 8.66 0.00	101.58 7.61 0.00	91.22 6.60 0.00	73.96 4.77 0.00	67.01 5.02 -0.02	57.65 3.87 -0.01	53.30 3.58 -0.01
WATKINRD_115KV_LN8_ILLION 55919	47.20 1.20 0.00	46.42 1.18 0.00	43.51 1.06 0.00	43.06 1.01 0.00	45.75 1.12 0.00	50.33 1.23 0.00	66.61 1.62 0.00	76.94 1.88 0.00	65.10 1.46 0.00	61.21 1.26 0.00	61.39 1.38 0.00	58.50 1.20 0.00	57.11 1.17 0.00	57.51 1.18 0.00	58.05 1.19 0.00	62.57 1.35 0.00	82.91 1.94 0.00	109.43 2.56 0.00	96.32 2.35 0.00	86.73 2.12 0.00	70.92 1.73 0.00	63.59 1.61 0.00	55.11 1.34 0.00	50.96 1.24 0.00

WDELAWARE___HYD 323627	48.30 2.30 0.00	47.55 2.31 0.00	44.45 2.00 0.00	43.98 1.94 0.00	46.86 2.23 0.00	51.85 2.75 0.00	68.82 3.83 0.00	79.57 4.50 0.00	67.32 3.69 0.00	63.55 3.60 0.00	63.37 3.36 0.00	60.56 3.26 0.00	59.29 3.36 0.00	59.77 3.44 0.00	60.33 3.47 0.00	65.20 3.98 0.00	86.39 5.43 0.00	114.13 7.27 0.00	100.26 6.30 0.00	90.04 5.42 0.00	73.41 4.22 0.00	66.00 4.03 0.00	56.78 3.01 0.00	52.20 2.48 0.00
WEST BABYLON___IC 23714	50.14 4.14 0.00	48.96 3.71 0.00	45.72 3.27 0.00	45.25 3.20 0.00	48.29 3.66 0.00	53.81 4.71 0.00	68.49 3.51 0.01	79.11 4.05 0.01	67.58 3.95 0.00	63.97 4.02 0.00	64.03 4.02 0.00	63.14 5.84 0.00	61.98 5.98 -0.07	62.66 6.25 -0.08	63.38 6.48 -0.04	68.45 7.22 0.01	89.95 8.99 0.00	118.24 11.33 -0.05	104.40 10.43 0.00	93.58 8.97 0.00	75.28 6.09 0.00	68.38 6.26 -0.14	58.23 4.46 0.00	54.34 4.62 0.00
WEST CANADA___HYD 24049	46.18 0.18 0.00	45.47 0.23 0.00	42.67 0.21 0.00	42.26 0.21 0.00	44.85 0.22 0.00	49.40 0.30 0.00	65.38 0.39 0.00	75.52 0.45 0.00	64.02 0.38 0.00	60.26 0.30 0.00	60.37 0.36 0.00	57.58 0.29 0.00	56.27 0.34 0.00	56.67 0.34 0.00	57.20 0.34 0.00	61.66 0.43 0.00	81.61 0.64 0.00	107.51 0.65 0.00	94.53 0.57 0.00	85.13 0.51 0.00	69.61 0.42 0.00	62.35 0.37 0.00	54.04 0.27 0.00	49.92 0.20 0.00
WESTERN_NY_WIND 24143	44.80 -1.20 0.00	43.80 -1.45 0.00	40.84 -1.61 0.00	40.96 -1.09 0.00	42.53 -2.10 0.00	46.20 -2.90 0.00	60.05 -4.94 0.00	68.67 -6.38 0.01	58.92 -4.71 0.00	56.18 -3.78 0.00	56.29 -3.72 0.00	53.56 -3.72 0.01	51.73 -4.20 0.01	52.04 -4.28 0.01	52.35 -4.49 0.01	55.46 -5.76 0.01	73.67 -7.29 0.01	98.30 -8.55 0.01	85.78 -8.18 0.01	77.67 -6.94 0.01	63.43 -5.74 0.01	56.39 -5.58 0.01	49.95 -3.82 0.00	46.38 -3.33 0.00
WESTOVER___LESR 323668	46.09 0.09 0.00	45.25 0.00 0.00	42.41 -0.04 0.00	42.09 0.04 0.00	44.50 -0.13 0.00	48.90 -0.20 0.00	64.60 -0.39 0.00	74.53 -0.53 0.00	63.25 -0.38 0.00	59.72 -0.24 0.00	59.77 -0.24 0.00	56.95 -0.34 0.00	55.59 -0.34 0.00	56.04 -0.28 0.00	56.63 -0.23 0.00	61.04 -0.18 0.00	80.80 -0.16 0.00	106.43 -0.43 0.00	93.59 -0.38 0.00	84.11 -0.51 0.00	68.77 -0.42 0.00	61.48 -0.50 0.00	53.39 -0.38 0.00	49.37 -0.35 0.00
WETHRSFD_WT_PWR 323626	44.07 -1.93 0.00	43.07 -2.17 0.00	40.33 -2.12 0.00	39.91 -2.14 0.00	41.33 -3.30 0.00	44.83 -4.27 0.00	58.30 -6.69 0.00	66.41 -8.63 0.03	56.83 -6.81 0.00	53.96 -5.99 0.00	54.01 -6.00 0.00	51.15 -6.13 0.01	49.70 -6.21 0.03	49.71 -6.59 0.02	50.24 -6.59 0.02	54.16 -7.04 0.02	71.87 -9.07 0.02	94.87 -11.97 0.02	83.23 -10.71 0.02	75.29 -9.31 0.01	61.14 -8.02 0.02	54.51 -7.44 0.02	48.17 -5.59 0.00	45.14 -4.57 0.00
WHAVSTOR_138KV_BK127 55557	48.48 2.48 0.00	47.64 2.40 0.00	44.53 2.08 0.00	44.11 2.06 0.00	46.99 2.37 0.00	51.95 2.85 0.00	68.63 3.64 0.00	79.42 4.35 0.00	67.32 3.69 0.00	63.61 3.66 0.00	63.67 3.66 0.00	60.96 3.67 0.00	59.74 3.80 0.00	60.22 3.89 0.00	60.90 4.04 0.00	65.76 4.53 0.00	86.71 5.75 0.00	114.13 7.27 0.00	100.36 6.39 0.00	90.20 5.58 0.00	73.34 4.15 0.00	66.00 4.03 0.00	56.72 2.96 0.00	52.40 2.68 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.48 2.48 0.00	47.64 2.40 0.00	44.53 2.08 0.00	44.11 2.06 0.00	46.99 2.37 0.00	51.95 2.85 0.00	68.63 3.64 0.00	79.42 4.35 0.00	67.32 3.69 0.00	63.61 3.66 0.00	63.67 3.66 0.00	60.96 3.67 0.00	59.74 3.80 0.00	60.22 3.89 0.00	60.90 4.04 0.00	65.76 4.53 0.00	86.71 5.75 0.00	114.13 7.27 0.00	100.36 6.39 0.00	90.20 5.58 0.00	73.34 4.15 0.00	66.00 4.03 0.00	56.72 2.96 0.00	52.40 2.68 0.00
WHITEHAL_115KV_TB1 80871	49.27 3.27 0.00	48.77 3.53 0.00	45.76 3.31 0.00	45.20 3.15 0.00	47.22 2.59 0.00	52.09 3.00 0.00	69.28 4.29 0.00	79.87 4.80 0.00	67.01 3.37 0.00	62.77 2.82 0.00	62.71 2.70 0.00	60.04 2.75 0.00	58.56 2.63 0.00	58.92 2.59 0.00	59.76 2.90 0.00	64.47 3.24 0.00	86.31 5.34 0.00	113.27 6.41 0.00	99.98 6.01 0.00	89.44 4.82 0.00	73.55 4.36 0.00	65.38 3.41 0.00	56.67 2.90 0.00	52.35 2.63 0.00
WHITEPLN_13_KV_LOAD 356215	49.17 3.17 0.00	48.28 3.03 0.00	45.13 2.67 0.00	44.70 2.65 0.00	47.57 2.95 0.00	52.59 3.49 0.00	69.67 4.68 0.00	80.62 5.55 0.00	68.41 4.77 0.00	64.51 4.56 0.00	64.57 4.56 0.00	61.89 4.58 -0.01	60.69 4.70 -0.06	61.16 4.79 -0.04	61.89 5.00 -0.02	66.86 5.63 0.00	88.17 7.21 0.00	115.95 9.08 0.00	101.95 7.99 0.00	91.55 6.94 0.00	74.45 5.26 0.00	66.93 4.96 0.00	57.48 3.71 0.00	53.05 3.33 0.00
WM_FLOYD_69_KV_BK2 356380	49.73 3.73 0.00	48.55 3.30 0.00	45.34 2.89 0.00	44.87 2.82 0.00	47.89 3.26 0.00	53.42 4.32 0.00	67.26 2.27 0.01	77.76 2.70 0.01	66.62 2.99 0.00	63.13 3.18 0.00	62.95 2.94 0.00	62.05 4.76 0.00	61.03 5.03 -0.07	61.63 5.24 -0.06	62.46 5.57 -0.03	67.47 6.25 0.01	88.58 7.61 0.00	116.78 9.72 -0.19	103.08 9.11 0.00	92.15 7.53 0.00	74.17 4.98 0.00	68.12 5.64 -0.51	57.85 4.09 0.00	54.04 4.33 0.00
WOODARD___115KV_TB2 355635	45.17 -0.83 0.00	44.39 -0.86 0.00	41.65 -0.81 0.00	41.25 -0.80 0.00	43.69 -0.94 0.00	48.07 -1.03 0.00	63.62 -1.36 0.00	73.56 -1.50 0.00	62.49 -1.15 0.00	58.94 -1.02 0.00	58.99 -1.02 0.00	56.32 -0.97 0.00	54.93 -1.01 0.00	55.37 -0.96 0.00	55.89 -0.97 0.00	60.06 -1.16 0.00	79.43 -1.54 0.00	104.94 -1.92 0.00	92.27 -1.69 0.00	83.09 -1.52 0.00	67.87 -1.31 0.00	60.61 -1.36 0.00	52.69 -1.08 0.00	48.67 -1.04 0.00
WOODMERE_69_KV_BK1 55827	49.86 3.86 0.00	48.73 3.48 0.00	45.51 3.06 0.00	45.08 3.03 0.00	48.07 3.44 0.00	53.42 4.32 0.00	68.56 3.57 0.01	79.33 4.28 0.01	67.58 3.95 0.00	63.97 4.02 0.00	64.15 4.14 0.00	63.31 6.02 -0.01	62.10 6.10 -0.07	62.68 6.20 -0.15	63.20 6.25 -0.09	68.08 6.86 0.01	89.39 8.42 0.00	117.34 10.47 0.00	103.55 9.58 0.00	92.91 8.29 0.00	74.93 5.74 0.00	67.74 5.76 0.00	57.96 4.19 0.00	53.94 4.23 0.00
YORK___WARBASSE 23770	49.69 3.68 -0.01	48.69 3.44 -0.01	45.48 3.01 -0.01	45.00 2.94 -0.01	47.98 3.35 -0.01	53.04 3.93 -0.01	69.55 4.55 -0.01	80.09 5.03 0.00	68.22 4.58 0.00	64.53 4.56 -0.02	64.59 4.56 -0.02	61.85 4.18 -0.37	62.11 4.31 -1.86	62.15 4.45 -1.37	62.35 4.66 -0.83	66.52 5.20 -0.09	88.17 7.21 0.00	115.73 8.87 0.00	101.67 7.71 0.00	91.38 6.77 0.00	73.96 4.77 0.00	67.20 5.21 -0.02	57.81 4.03 -0.01	53.50 3.78 -0.01