

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		11/21/2025																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1 24138	EST	51.46	47.34	44.71	43.70	44.56	51.66	72.78	79.07	71.50	63.87	61.04	58.65	57.40	57.00	59.76	64.66	75.57	86.28	78.18	70.59	67.13	61.15	57.05	50.18			
		3.16	2.76	2.61	2.40	2.44	2.56	4.22	4.79	4.78	4.66	4.41	4.42	4.42	4.39	4.46	4.28	4.99	6.24	5.52	4.93	4.80	4.21	3.48	2.88			
		-0.40	0.00	-0.06	0.00	0.00	-7.17	-0.54	-0.61	-0.27	-0.21	-0.03	-0.30	-0.36	-0.38	-0.24	-5.46	-4.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EST	51.65	47.52	44.87	43.82	44.73	51.79	72.98	79.22	71.52	67.94	61.61	64.48	64.43	64.28	64.36	67.02	75.63	86.44	78.33	70.72	67.20	61.22	57.21	50.32			
		3.35	2.94	2.77	2.52	2.61	2.68	4.42	4.94	4.78	4.60	4.41	4.37	4.42	4.34	4.46	4.28	5.05	6.40	5.67	5.06	4.86	4.27	3.64	3.03			
		-0.40	0.00	-0.06	0.00	0.00	-7.17	-0.54	-0.61	-0.28	-4.34	-0.59	-6.19	-7.39	-7.70	-4.84	-7.82	-4.94	0.00	0.00	0.00	-0.02	-0.02	0.00	0.00			
74TH STREET_GT_2 24261	EST	51.65	47.52	44.87	43.82	44.73	51.79	72.98	79.22	71.52	67.94	61.61	64.48	64.43	64.28	64.36	67.02	75.63	86.44	78.33	70.72	67.20	61.22	57.21	50.32			
		3.35	2.94	2.77	2.52	2.61	2.68	4.42	4.94	4.78	4.60	4.41	4.37	4.42	4.34	4.46	4.28	5.05	6.40	5.67	5.06	4.86	4.27	3.64	3.03			
		-0.40	0.00	-0.06	0.00	0.00	-7.17	-0.54	-0.61	-0.28	-4.34	-0.59	-6.19	-7.39	-7.70	-4.84	-7.82	-4.94	0.00	0.00	0.00	-0.02	-0.02	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	51.62	47.70	45.06	44.23	45.11	54.27	73.89	80.21	71.85	63.07	60.39	57.32	55.78	55.32	58.36	65.47	76.53	85.80	77.89	70.33	66.69	60.69	56.95	50.13			
		3.21	3.12	2.94	2.93	2.99	3.06	5.17	5.75	5.05	4.07	3.79	3.40	3.16	3.08	3.30	3.68	4.53	5.76	5.23	4.66	4.36	3.76	3.37	2.84			
		-0.52	0.00	-0.08	0.00	0.00	-9.28	-0.69	-0.79	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	-6.87	-6.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EST	51.87	47.92	45.31	44.44	45.32	54.53	74.36	80.87	72.25	63.37	60.73	57.59	56.04	55.59	58.64	65.69	76.93	86.28	78.40	70.72	67.13	61.03	57.32	50.41			
		3.45	3.34	3.19	3.14	3.20	3.31	5.64	6.41	5.45	4.37	4.13	3.67	3.42	3.35	3.58	3.90	4.93	6.25	5.74	5.06	4.80	4.10	3.75	3.12			
		-0.52	0.00	-0.08	0.00	0.00	-9.28	-0.69	-0.79	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	-6.88	-6.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EST	51.62	47.70	45.06	44.23	45.11	54.27	73.89	80.21	71.85	63.07	60.39	57.32	55.78	55.32	58.36	65.47	76.53	85.80	77.89	70.33	66.69	60.69	56.95	50.13			
		3.21	3.12	2.94	2.93	2.99	3.06	5.17	5.75	5.05	4.07	3.79	3.40	3.16	3.08	3.30	3.68	4.53	5.76	5.23	4.66	4.36	3.76	3.37	2.84			
		-0.52	0.00	-0.08	0.00	0.00	-9.28	-0.69	-0.79	-0.35	0.00	0.00	0.00	0.00	0.00	0.00	-6.87	-6.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EST	50.46	46.67	44.09	43.37	44.18	52.98	72.10	78.05	69.91	61.12	58.58	55.86	54.57	53.91	56.99	64.14	75.18	84.12	76.22	68.88	64.82	58.92	55.13	48.71			
		2.06	2.10	1.98	2.06	2.06	2.05	3.40	3.61	3.12	2.12	1.98	1.94	1.95	1.67	1.93	2.53	3.35	4.08	3.56	3.22	2.50	1.99	1.55	1.42			
		-0.51	0.00	-0.08	0.00	0.00	-8.99	-0.67	-0.77	-0.34	0.00	0.00	0.00	0.00	0.00	0.00	-6.69	-6.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EST	49.21	45.38	43.00	42.25	42.96	51.44	69.71	75.53	67.84	59.77	57.33	54.62	53.41	52.92	55.78	62.52	72.95	81.48	73.97	66.85	63.26	57.62	54.00	47.77			
		0.81	0.80	0.88	0.95	0.84	0.67	1.02	1.11	1.06	0.77	0.74	0.70	0.79	0.68	0.72	0.99	1.18	1.44	1.31	1.18	0.93	0.68	0.43	0.47			
		-0.50	0.00	-0.08	0.00	0.00	-8.84	-0.66	-0.76	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	-6.62	-6.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EST	47.08	43.46	40.98	40.27	41.02	41.01	65.92	71.31	64.32	56.11	54.73	51.98	50.46	49.94	52.64	53.10	62.49	76.03	69.75	63.17	60.27	55.34	53.57	47.25			
		-0.81	-1.11	-1.05	-1.03	-1.10	-0.92	-2.11	-2.36	-2.13	-2.89	-1.87	-1.94	-2.16	-2.30	-2.42	-1.81	-3.15	-4.00	-2.91	-2.50	-2.06	-1.59	0.00	-0.05			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EST	50.16	46.45	43.96	43.12	43.93	52.14	71.26	77.43	69.36	60.95	58.29	55.38	54.04	53.70	56.71	63.19	73.92	83.24	75.57	68.36	64.75	59.04	55.34	48.90			
		1.77	1.87	1.85	1.82	1.81	1.55	2.58	3.02	2.59	1.94	1.70	1.46	1.42	1.46	1.65	1.81	2.30	3.20	2.91	2.69	2.43	2.11	1.77	1.61			
		-0.49	0.00	-0.08	0.00	0.00	-8.66	-0.65	-0.74	-0.32	0.00	0.00	0.00	0.00	0.00	0.00	-6.46	-5.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EST	50.11	46.45	43.92	43.12	43.89	52.14	71.19	77.36	69.36	60.95	58.29	55.38	54.04	53.70	56.71	63.19	73.92	83.24	75.57	68.30	64.69	58.98	55.34	48.90			
		1.72	1.87	1.81	1.82	1.77	1.55	2.52	2.95	2.59	1.94	1.70	1.46	1.42	1.46	1.65	1.81	2.30	3.20	2.91	2.63	2.37	2.05	1.77	1.61			
		-0.49	0.00	-0.08	0.00	0.00	-8.66	-0.65	-0.74	-0.32	0.00	0.00	0.00	0.00	0.00	0.00	-6.46	-5.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY___1 23571	EST	49.21	45.38	43.00	42.25	42.96	51.44	69.71	75.53	67.84	59.77	57.33	54.62	53.41	52.92	55.78	62.52	72.95	81.48	73.97	66.85	63.26	57.62	54.00	47.77			
		0.81	0.80	0.88	0.95	0.84	0.67	1.02	1.11	1.06	0.77	0.74	0.70	0.79	0.68	0.72	0.99	1.18	1.44	1.31	1.18	0.93	0.68	0.43	0.47			
		-0.50	0.00	-0.08	0.00	0.00	-8.84	-0.66	-0.76	-0.33	0.00	0.00	0.00	0.00	0.00	0.00	-6.62	-6.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	49.21 0.81 -0.50	45.38 0.80 0.00	43.00 0.88 -0.08	42.25 0.95 0.00	42.96 0.84 0.00	51.44 0.67 -8.84	69.71 1.02 -0.66	75.53 1.11 -0.76	67.84 1.06 -0.33	59.77 0.77 0.00	57.33 0.74 0.00	54.62 0.70 0.00	53.41 0.79 0.00	52.92 0.68 0.00	55.78 0.72 0.00	62.52 0.99 -6.62	72.95 1.18 -6.12	81.48 1.44 0.00	73.97 1.31 0.00	66.85 1.18 0.00	63.26 0.93 0.00	57.62 0.68 0.00	54.00 0.43 0.00	47.77 0.47 0.00
ALBANY___3 23573	49.21 0.81 -0.50	45.38 0.80 0.00	43.00 0.88 -0.08	42.25 0.95 0.00	42.96 0.84 0.00	51.44 0.67 -8.84	69.71 1.02 -0.66	75.53 1.11 -0.76	67.84 1.06 -0.33	59.77 0.77 0.00	57.33 0.74 0.00	54.62 0.70 0.00	53.41 0.79 0.00	52.92 0.68 0.00	55.78 0.72 0.00	62.52 0.99 -6.62	72.95 1.18 -6.12	81.48 1.44 0.00	73.97 1.31 0.00	66.85 1.18 0.00	63.26 0.93 0.00	57.62 0.68 0.00	54.00 0.43 0.00	47.77 0.47 0.00
ALBANY___4 23574	49.21 0.81 -0.50	45.38 0.80 0.00	43.00 0.88 -0.08	42.25 0.95 0.00	42.96 0.84 0.00	51.44 0.67 -8.84	69.71 1.02 -0.66	75.53 1.11 -0.76	67.84 1.06 -0.33	59.77 0.77 0.00	57.33 0.74 0.00	54.62 0.70 0.00	53.41 0.79 0.00	52.92 0.68 0.00	55.78 0.72 0.00	62.52 0.99 -6.62	72.95 1.18 -6.12	81.48 1.44 0.00	73.97 1.31 0.00	66.85 1.18 0.00	63.26 0.93 0.00	57.62 0.68 0.00	54.00 0.43 0.00	47.77 0.47 0.00
ALBANY___LFGE 323615	49.60 1.20 -0.50	45.78 1.20 0.00	43.33 1.22 -0.08	42.58 1.28 0.00	43.29 1.18 0.00	51.83 1.05 -8.85	70.32 1.63 -0.66	76.27 1.84 -0.76	68.51 1.72 -0.33	60.30 1.30 0.00	57.84 1.24 0.00	55.11 1.18 0.00	53.83 1.21 0.00	53.44 1.20 0.00	56.27 1.21 0.00	63.10 1.54 -6.65	73.63 1.84 -6.15	82.27 2.24 0.00	74.62 1.96 0.00	67.50 1.84 0.00	63.82 1.49 0.00	58.13 1.20 0.00	54.48 0.91 0.00	48.14 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	47.42 -0.48 0.00	43.77 -0.80 0.00	41.32 -0.71 0.00	40.56 -0.74 0.00	41.32 -0.80 0.00	41.26 -0.67 0.00	66.26 -1.77 0.00	71.75 -1.92 0.00	64.72 -1.73 0.00	56.41 -2.60 0.00	55.01 -1.58 0.00	52.25 -1.67 0.00	50.73 -1.89 0.00	50.20 -2.04 0.00	52.91 -2.15 0.00	53.38 -1.54 0.00	62.82 -2.82 0.00	76.35 -3.68 0.00	70.12 -2.54 0.00	63.50 -2.17 0.00	60.58 -1.75 0.00	55.68 -1.25 0.00	53.95 0.37 0.00	47.58 0.28 0.00
ALCOA_RYNLDS___DRP 24188	47.42 -0.48 0.00	43.77 -0.80 0.00	41.32 -0.71 0.00	40.56 -0.74 0.00	41.32 -0.80 0.00	41.26 -0.67 0.00	66.26 -1.77 0.00	71.75 -1.92 0.00	64.72 -1.73 0.00	56.41 -2.60 0.00	55.01 -1.58 0.00	52.25 -1.67 0.00	50.73 -1.89 0.00	50.20 -2.04 0.00	52.91 -2.15 0.00	53.38 -1.54 0.00	62.82 -2.82 0.00	76.35 -3.68 0.00	70.12 -2.54 0.00	63.50 -2.17 0.00	60.58 -1.75 0.00	55.68 -1.25 0.00	53.95 0.37 0.00	47.58 0.28 0.00
ALCOA___DSASP 323711	47.42 -0.48 0.00	43.77 -0.80 0.00	41.32 -0.71 0.00	40.56 -0.74 0.00	41.32 -0.80 0.00	41.26 -0.67 0.00	66.26 -1.77 0.00	71.75 -1.92 0.00	64.72 -1.73 0.00	56.41 -2.60 0.00	55.01 -1.58 0.00	52.25 -1.67 0.00	50.73 -1.89 0.00	50.20 -2.04 0.00	52.91 -2.15 0.00	53.38 -1.54 0.00	62.82 -2.82 0.00	76.35 -3.68 0.00	70.12 -2.54 0.00	63.50 -2.17 0.00	60.58 -1.75 0.00	55.68 -1.25 0.00	53.95 0.37 0.00	47.58 0.28 0.00
ALLEGHENY___COGEN 23514	47.67 -0.29 -0.06	44.93 0.35 0.00	42.17 0.13 -0.01	41.51 0.21 0.00	42.54 0.42 0.00	42.94 -0.13 -1.13	68.31 0.20 -0.08	74.80 1.03 -0.10	65.63 -0.87 -0.04	58.00 -1.00 0.00	54.73 -1.87 0.00	51.76 -2.16 0.00	50.25 -2.37 0.00	50.15 -2.09 0.00	53.13 -1.93 0.00	54.80 -1.10 -0.98	66.22 -0.33 -0.91	80.67 0.64 0.00	73.82 1.16 0.00	66.32 0.66 0.00	63.38 1.06 0.00	58.13 1.20 0.00	55.45 1.87 0.00	49.19 1.89 0.00
ALTAMONT_115KV_TB 2 55880	49.40 1.01 -0.50	45.56 0.98 0.00	43.08 0.97 -0.08	42.29 0.99 0.00	43.04 0.93 0.00	51.61 0.88 -8.80	70.11 1.43 -0.66	75.89 1.47 -0.75	68.17 1.40 -0.33	60.18 1.18 0.00	57.67 1.08 0.00	54.95 1.02 0.00	53.73 1.11 0.00	53.28 1.04 0.00	56.16 1.10 0.00	62.69 1.21 -6.57	73.16 1.44 -6.08	81.88 1.84 0.00	74.33 1.67 0.00	67.18 1.51 0.00	63.70 1.37 0.00	58.07 1.14 0.00	54.43 0.86 0.00	48.05 0.76 0.00
ALTONA_WT_PWR 323606	47.04 -0.86 0.00	43.33 -1.25 0.00	40.81 -1.22 0.00	40.15 -1.16 0.00	40.89 -1.22 0.00	40.93 -1.01 0.00	65.78 -2.24 0.00	70.13 -3.53 0.00	63.99 -2.46 0.00	55.99 -3.01 0.00	54.50 -2.09 0.00	51.61 -2.32 0.00	50.04 -2.58 0.00	49.52 -2.72 0.00	52.20 -2.87 0.00	52.72 -2.20 0.00	62.10 -3.55 0.00	75.63 -4.40 0.00	69.39 -3.27 0.00	63.04 -2.63 0.00	60.21 -2.12 0.00	55.63 -1.31 0.00	53.57 0.00 0.00	47.25 -0.05 0.00
AMERICAN_REF_FUEL 24010	44.21 -3.74 -0.05	42.57 -2.01 0.00	39.94 -2.10 -0.01	38.86 -2.44 0.00	40.35 -1.77 0.00	39.61 -3.27 -0.95	62.52 -5.58 -0.07	67.85 -5.90 -0.08	59.84 -6.64 -0.04	53.93 -5.07 0.00	51.33 -5.26 0.00	48.75 -5.18 0.00	47.20 -5.42 0.00	47.17 -5.07 0.00	49.72 -5.34 0.00	50.43 -5.33 -0.84	60.51 -5.91 -0.77	73.07 -6.96 0.00	66.41 -6.25 0.00	59.30 -6.37 0.00	56.72 -5.61 0.00	52.60 -4.33 0.00	50.73 -2.84 0.00	45.73 -1.56 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.79 -3.16 -0.06	43.15 -1.43 0.00	40.36 -1.68 -0.01	39.73 -1.57 0.00	40.73 -1.39 0.00	40.41 -2.60 -1.08	64.56 -3.54 -0.08	71.77 -1.99 -0.09	62.57 -3.92 -0.04	55.99 -3.01 0.00	53.09 -3.51 0.00	50.31 -3.61 0.00	48.62 -4.00 0.00	48.58 -3.66 0.00	51.43 -3.64 0.00	52.10 -3.79 -0.97	63.13 -3.42 -0.90	77.88 -2.16 0.00	70.92 -1.74 0.00	63.31 -2.36 0.00	60.65 -1.68 0.00	55.91 -1.02 0.00	53.79 0.22 0.00	47.95 0.66 0.00
ARTHUR KILL_GT_1 23520	52.14 3.83 -0.41	47.97 3.39 -0.01	45.30 3.19 -0.07	44.28 2.97 -0.01	45.20 3.07 -0.01	52.22 3.10 -7.18	73.59 5.03 -0.54	79.66 5.38 -0.61	71.78 5.05 -0.28	66.71 3.42 -4.29	61.83 4.64 -0.59	63.32 3.29 -6.11	63.28 3.37 -7.29	63.19 3.34 -7.60	63.25 3.41 -4.78	67.46 4.72 -7.82	76.03 5.45 -4.94	87.00 6.96 0.00	78.84 6.18 0.00	71.31 5.65 0.00	67.96 5.61 -0.02	61.84 4.90 -0.02	57.86 4.29 0.00	50.98 3.69 0.00
ARTHUR_KILL_2 23512	52.00 3.69 -0.41	47.88 3.30 -0.01	45.17 3.07 -0.07	44.16 2.85 -0.01	45.03 2.90 -0.01	52.13 3.02 -7.18	73.39 4.83 -0.54	79.51 5.23 -0.61	71.52 4.79 -0.28	66.53 3.24 -4.29	61.04 3.85 -0.59	63.27 3.24 -6.11	63.23 3.32 -7.29	63.08 3.24 -7.60	63.14 3.30 -4.78	67.29 4.56 -7.82	75.83 5.25 -4.94	86.76 6.72 0.00	78.62 5.96 0.00	71.11 5.45 0.00	67.71 5.36 -0.02	61.62 4.67 -0.02	57.70 4.13 -0.01	50.85 3.55 -0.01
ARTHUR_KILL_3 23513	51.22 2.92 -0.40	47.12 2.54 0.00	44.45 2.35 -0.06	43.45 2.15 0.00	44.31 2.19 0.00	51.45 2.35 -7.17	72.37 3.81 -0.54	78.63 4.35 -0.61	70.92 4.19 -0.28	67.59 4.30 -4.28	61.20 4.02 -0.59	64.12 4.10 -6.10	64.01 4.11 -7.29	63.91 4.08 -7.60	63.96 4.13 -4.77	66.55 3.84 -7.79	74.98 4.40 -4.94	85.64 5.60 0.00	77.60 4.94 0.00	70.07 4.40 0.00	66.64 4.30 -0.02	60.70 3.76 -0.02	56.74 3.16 -0.01	49.85 2.55 -0.01

ARTHUR_KILL_COGEN 323718	52.14 3.83 -0.41	47.97 3.39 -0.01	45.30 3.19 -0.07	44.28 2.98 -0.01	45.16 3.03 -0.01	52.22 3.10 -7.18	73.59 5.03 -0.54	79.73 5.45 -0.61	71.72 4.99 -0.28	66.71 3.42 -4.29	61.21 4.02 -0.59	63.43 3.40 -6.11	63.33 3.42 -7.29	63.24 3.39 -7.60	63.25 3.42 -4.78	67.46 4.72 -7.82	76.02 5.45 -4.94	87.00 6.96 0.00	78.91 6.25 0.00	71.32 5.65 0.00	67.96 5.61 -0.02	61.78 4.84 -0.02	57.87 4.29 -0.01	50.99 3.69 -0.01
ASHOKAN____ 23654	48.78 0.43 -0.45	46.54 1.96 0.00	43.95 1.85 -0.07	43.04 1.73 0.00	43.89 1.77 0.00	50.26 0.25 -8.08	69.58 0.95 -0.60	77.82 3.46 -0.69	69.67 2.92 -0.30	61.59 2.59 0.00	58.75 2.15 0.00	55.76 1.83 0.00	54.41 1.79 0.00	53.96 1.72 0.00	56.99 1.93 0.00	61.49 0.55 -6.02	72.13 0.92 -5.58	83.88 3.84 0.00	75.78 3.12 0.00	68.62 2.96 0.00	65.13 2.81 0.00	59.50 2.56 0.00	55.72 2.15 0.00	49.14 1.84 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.76 3.45 -0.41	47.66 3.07 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.86 2.74 -0.01	51.97 2.85 -7.18	72.78 4.22 -0.54	78.85 4.57 -0.61	70.78 4.05 -0.28	67.30 4.01 -4.29	61.31 4.13 -0.59	64.02 3.99 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.85 4.02 -4.78	66.83 4.12 -7.79	75.04 4.47 -4.93	85.79 5.77 0.01	77.74 5.08 0.01	70.32 4.66 0.01	66.95 4.61 -0.01	60.98 4.04 -0.01	57.06 3.48 -0.01	50.33 3.03 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	51.71 3.40 -0.41	47.62 3.03 -0.01	44.97 2.86 -0.07	43.99 2.68 -0.01	44.86 2.74 -0.01	51.92 2.81 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.78 4.05 -0.28	67.24 3.95 -4.29	61.31 4.13 -0.59	64.02 3.99 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.85 4.02 -4.78	66.83 4.12 -7.79	75.04 4.47 -4.93	85.71 5.68 0.01	77.66 5.01 0.01	70.25 4.60 0.01	66.95 4.61 -0.01	60.98 4.04 -0.01	57.01 3.43 -0.01	50.33 3.03 -0.01
ASTORIA_GT2_1 24094	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT2_2 24095	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT2_3 24096	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT2_4 24097	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT3_1 24098	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT3_2 24099	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT3_3 24100	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT3_4 24101	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT4_1 24102	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT4_2 24103	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT4_3 24104	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00

ASTORIA_GT4_4 24105	51.76 3.45 -0.41	47.66 3.08 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	72.78 4.22 -0.54	78.78 4.49 -0.61	70.85 4.12 -0.28	67.30 4.01 -4.29	61.43 4.24 -0.59	63.97 3.94 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.86 4.02 -4.78	66.78 4.06 -7.79	75.04 4.46 -4.94	85.80 5.76 0.00	77.68 5.01 0.00	70.33 4.66 0.00	66.95 4.61 -0.02	61.05 4.10 -0.02	57.05 3.48 0.00	50.32 3.03 0.00
ASTORIA_GT_1 23523	51.80 3.50 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	72.91 4.35 -0.54	78.92 4.64 -0.61	70.99 4.25 -0.28	67.42 4.13 -4.29	61.54 4.36 -0.59	64.08 4.04 -6.11	64.02 4.10 -7.29	63.92 4.07 -7.60	63.97 4.13 -4.78	66.89 4.17 -7.79	75.17 4.59 -4.94	85.96 5.92 0.00	77.89 5.23 0.00	70.46 4.79 0.00	67.08 4.74 -0.02	61.16 4.21 -0.02	57.11 3.54 0.00	50.41 3.12 0.00
ASTORIA_GT_10 24110	51.71 3.40 -0.41	47.57 2.99 -0.01	44.92 2.82 -0.07	43.91 2.60 -0.01	44.78 2.65 -0.01	51.84 2.73 -7.18	72.78 4.22 -0.54	78.92 4.64 -0.61	71.19 4.45 -0.28	67.41 4.07 -4.34	61.44 4.24 -0.59	64.05 3.94 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.92 4.02 -4.84	66.86 4.12 -7.82	75.24 4.66 -4.94	85.96 5.92 0.00	77.82 5.16 0.00	70.46 4.79 0.00	67.02 4.67 -0.02	61.10 4.16 -0.02	57.16 3.59 0.00	50.32 3.03 0.00
ASTORIA_GT_11 24225	51.71 3.40 -0.41	47.57 2.99 -0.01	44.92 2.82 -0.07	43.91 2.60 -0.01	44.78 2.65 -0.01	51.84 2.73 -7.18	72.78 4.22 -0.54	78.92 4.64 -0.61	71.19 4.45 -0.28	67.41 4.07 -4.34	61.44 4.24 -0.59	64.05 3.94 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.92 4.02 -4.84	66.86 4.12 -7.82	75.24 4.66 -4.94	85.96 5.92 0.00	77.82 5.16 0.00	70.46 4.79 0.00	67.02 4.67 -0.02	61.10 4.16 -0.02	57.16 3.59 0.00	50.32 3.03 0.00
ASTORIA_GT_12 24226	51.71 3.40 -0.41	47.57 2.99 -0.01	44.92 2.82 -0.07	43.91 2.60 -0.01	44.78 2.65 -0.01	51.84 2.73 -7.18	72.78 4.22 -0.54	78.92 4.64 -0.61	71.19 4.45 -0.28	67.41 4.07 -4.34	61.44 4.24 -0.59	64.05 3.94 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.92 4.02 -4.84	66.86 4.12 -7.82	75.24 4.66 -4.94	85.96 5.92 0.00	77.82 5.16 0.00	70.46 4.79 0.00	67.02 4.67 -0.02	61.10 4.16 -0.02	57.16 3.59 0.00	50.32 3.03 0.00
ASTORIA_GT_13 24227	51.71 3.40 -0.41	47.57 2.99 -0.01	44.92 2.82 -0.07	43.91 2.60 -0.01	44.78 2.65 -0.01	51.84 2.73 -7.18	72.78 4.22 -0.54	78.92 4.64 -0.61	71.19 4.45 -0.28	67.41 4.07 -4.34	61.44 4.24 -0.59	64.05 3.94 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.92 4.02 -4.84	66.86 4.12 -7.82	75.24 4.66 -4.94	85.96 5.92 0.00	77.82 5.16 0.00	70.46 4.79 0.00	67.02 4.67 -0.02	61.10 4.16 -0.02	57.16 3.59 0.00	50.32 3.03 0.00
ASTORIA_GT_5 24106	51.80 3.50 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	72.91 4.35 -0.54	78.92 4.64 -0.61	70.99 4.25 -0.28	67.42 4.13 -4.29	61.54 4.36 -0.59	64.08 4.04 -6.11	64.02 4.10 -7.29	63.92 4.07 -7.60	63.97 4.13 -4.78	66.89 4.17 -7.79	75.17 4.59 -4.94	85.96 5.92 0.00	77.89 5.23 0.00	70.46 4.79 0.00	67.08 4.74 -0.02	61.16 4.21 -0.02	57.11 3.54 0.00	50.41 3.12 0.00
ASTORIA_GT_7 24107	51.80 3.50 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	72.91 4.35 -0.54	78.92 4.64 -0.61	70.99 4.25 -0.28	67.42 4.13 -4.29	61.54 4.36 -0.59	64.08 4.04 -6.11	64.02 4.10 -7.29	63.92 4.07 -7.60	63.97 4.13 -4.78	66.89 4.17 -7.79	75.17 4.59 -4.94	85.96 5.92 0.00	77.89 5.23 0.00	70.46 4.79 0.00	67.08 4.74 -0.02	61.16 4.21 -0.02	57.11 3.54 0.00	50.41 3.12 0.00
ASTORIA_GT_8 24108	51.80 3.50 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	72.91 4.35 -0.54	78.92 4.64 -0.61	70.99 4.25 -0.28	67.42 4.13 -4.29	61.54 4.36 -0.59	64.08 4.04 -6.11	64.02 4.10 -7.29	63.92 4.07 -7.60	63.97 4.13 -4.78	66.89 4.17 -7.79	75.17 4.59 -4.94	85.96 5.92 0.00	77.89 5.23 0.00	70.46 4.79 0.00	67.08 4.74 -0.02	61.16 4.21 -0.02	57.11 3.54 0.00	50.41 3.12 0.00
ASTORIA___2 24149	51.76 3.45 -0.41	47.66 3.07 -0.01	45.01 2.90 -0.07	43.99 2.68 -0.01	44.86 2.74 -0.01	51.97 2.85 -7.18	72.78 4.22 -0.54	78.85 4.57 -0.61	70.78 4.05 -0.28	67.30 4.01 -4.29	61.31 4.13 -0.59	64.02 3.99 -6.11	63.91 4.00 -7.29	63.81 3.97 -7.60	63.85 4.02 -4.78	66.83 4.12 -7.79	75.04 4.47 -4.93	85.79 5.77 0.01	77.74 5.08 0.01	70.32 4.66 0.01	66.95 4.61 -0.01	60.98 4.04 -0.01	57.06 3.48 -0.01	50.33 3.03 -0.01
ASTORIA___3 23516	51.71 3.40 -0.41	47.57 2.99 -0.01	44.88 2.77 -0.07	43.87 2.56 -0.01	44.78 2.65 -0.01	51.84 2.72 -7.18	72.78 4.22 -0.54	78.93 4.64 -0.61	71.12 4.38 -0.28	67.41 4.07 -4.34	61.32 4.13 -0.59	64.10 3.99 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.91 4.02 -4.84	66.86 4.12 -7.82	75.24 4.66 -4.94	85.96 5.92 0.00	77.90 5.23 0.00	70.46 4.79 0.00	67.02 4.68 -0.02	61.05 4.10 -0.02	57.17 3.59 -0.01	50.33 3.03 -0.01
ASTORIA___4 23517	51.71 3.40 -0.41	47.57 2.99 -0.01	44.92 2.82 -0.07	43.91 2.60 -0.01	44.78 2.65 -0.01	51.84 2.73 -7.18	72.78 4.22 -0.54	78.92 4.64 -0.61	71.19 4.45 -0.28	67.41 4.07 -4.34	61.44 4.24 -0.59	64.05 3.94 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.92 4.02 -4.84	66.86 4.12 -7.82	75.24 4.66 -4.94	85.96 5.92 0.00	77.82 5.16 0.00	70.46 4.79 0.00	67.02 4.67 -0.02	61.10 4.16 -0.02	57.16 3.59 0.00	50.32 3.03 0.00
ASTORIA___5 23518	51.71 3.40 -0.41	47.57 2.99 -0.01	44.88 2.77 -0.07	43.87 2.56 -0.01	44.78 2.65 -0.01	51.84 2.72 -7.18	72.78 4.22 -0.54	78.93 4.64 -0.61	71.12 4.38 -0.28	67.41 4.07 -4.34	61.32 4.13 -0.59	64.10 3.99 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.91 4.02 -4.84	66.86 4.12 -7.82	75.24 4.66 -4.94	85.96 5.92 0.00	77.90 5.23 0.00	70.46 4.79 0.00	67.02 4.68 -0.02	61.05 4.10 -0.02	57.17 3.59 -0.01	50.33 3.03 -0.01
AST_ENERGY_2_CC3 323677	51.23 2.92 -0.41	47.12 2.54 -0.01	44.50 2.39 -0.07	43.54 2.23 -0.01	44.40 2.27 -0.01	51.50 2.39 -7.18	72.03 3.47 -0.54	78.04 3.76 -0.61	70.05 3.32 -0.28	66.65 3.36 -4.29	60.69 3.51 -0.59	63.43 3.40 -6.11	63.33 3.42 -7.29	63.24 3.39 -7.60	63.25 3.42 -4.78	66.23 3.52 -7.79	74.31 3.74 -4.93	84.83 4.80 0.01	76.87 4.21 0.01	69.53 3.87 0.01	66.26 3.93 -0.01	60.36 3.42 -0.01	56.90 3.32 -0.01	50.09 2.79 -0.01
AST_ENERGY_2_CC4 323678	51.23 2.92 -0.41	47.12 2.54 -0.01	44.50 2.39 -0.07	43.54 2.23 -0.01	44.40 2.27 -0.01	51.50 2.39 -7.18	72.03 3.47 -0.54	78.04 3.76 -0.61	70.05 3.32 -0.28	66.65 3.36 -4.29	60.69 3.51 -0.59	63.43 3.40 -6.11	63.33 3.42 -7.29	63.24 3.39 -7.60	63.25 3.42 -4.78	66.23 3.52 -7.79	74.31 3.74 -4.93	84.83 4.80 0.01	76.87 4.21 0.01	69.53 3.87 0.01	66.26 3.93 -0.01	60.36 3.42 -0.01	56.90 3.32 -0.01	50.09 2.79 -0.01

ATHENS_STG_1 23668	49.87 1.53 -0.45	45.96 1.38 0.00	43.41 1.30 -0.07	42.54 1.24 0.00	43.34 1.22 0.00	51.11 1.26 -7.92	70.66 2.04 -0.59	76.63 2.29 -0.68	68.94 2.19 -0.30	61.01 2.01 0.00	58.52 1.93 0.00	55.81 1.89 0.00	54.51 1.89 0.00	54.12 1.88 0.00	56.99 1.93 0.00	62.73 1.92 -5.90	73.33 2.23 -5.46	82.84 2.80 0.00	75.20 2.54 0.00	67.96 2.30 0.00	64.45 2.12 0.00	58.75 1.82 0.00	55.07 1.50 0.00	48.57 1.28 0.00
ATHENS_STG_2 23670	49.87 1.53 -0.45	45.96 1.38 0.00	43.41 1.30 -0.07	42.54 1.24 0.00	43.34 1.22 0.00	51.11 1.26 -7.92	70.66 2.04 -0.59	76.63 2.29 -0.68	68.94 2.19 -0.30	61.01 2.01 0.00	58.52 1.93 0.00	55.81 1.89 0.00	54.51 1.89 0.00	54.12 1.88 0.00	56.99 1.93 0.00	62.73 1.92 -5.90	73.33 2.23 -5.46	82.84 2.80 0.00	75.20 2.54 0.00	67.96 2.30 0.00	64.45 2.12 0.00	58.75 1.82 0.00	55.07 1.50 0.00	48.57 1.28 0.00
ATHENS_STG_3 23677	49.87 1.53 -0.45	45.96 1.38 0.00	43.41 1.30 -0.07	42.54 1.24 0.00	43.34 1.22 0.00	51.11 1.26 -7.92	70.66 2.04 -0.59	76.63 2.29 -0.68	68.94 2.19 -0.30	61.01 2.01 0.00	58.52 1.93 0.00	55.81 1.89 0.00	54.51 1.89 0.00	54.12 1.88 0.00	56.99 1.93 0.00	62.73 1.92 -5.90	73.33 2.23 -5.46	82.84 2.80 0.00	75.20 2.54 0.00	67.96 2.30 0.00	64.45 2.12 0.00	58.75 1.82 0.00	55.07 1.50 0.00	48.57 1.28 0.00
AUBURN___LFGE 323710	47.52 -0.43 -0.05	44.22 -0.36 0.00	41.62 -0.42 -0.01	40.89 -0.41 0.00	41.78 -0.34 0.00	42.49 -0.34 -0.89	67.82 -0.27 -0.07	73.52 -0.22 -0.07	66.09 -0.40 -0.03	58.77 -0.24 0.00	56.26 -0.34 0.00	53.49 -0.43 0.00	52.15 -0.47 0.00	51.82 -0.42 0.00	54.68 -0.39 0.00	55.05 -0.55 -0.69	65.88 -0.39 -0.64	79.72 -0.32 0.00	72.30 -0.36 0.00	65.21 -0.46 0.00	62.01 -0.31 0.00	56.70 -0.23 0.00	53.46 -0.11 0.00	47.20 -0.09 0.00
BABYLON_RES_REC 323704	52.91 4.60 -0.41	48.41 3.83 0.00	45.50 3.40 -0.06	44.48 3.18 0.00	45.44 3.33 0.00	52.75 3.65 -7.17	72.10 3.54 -0.54	78.70 4.42 -0.61	70.84 4.12 -0.27	63.78 4.78 0.00	61.52 4.92 0.00	59.53 5.61 0.00	58.27 5.63 -0.01	57.79 5.53 -0.01	60.74 5.67 0.00	65.20 4.94 -5.34	76.49 5.91 -4.94	86.76 6.72 0.00	79.57 6.91 0.00	71.58 5.91 0.00	67.56 5.24 0.00	61.54 4.61 0.00	57.91 4.34 0.00	51.12 3.83 0.00
BALL_HILL_WT_PWR 323825	45.03 -2.92 -0.06	43.37 -1.20 0.00	40.66 -1.39 -0.01	39.98 -1.32 0.00	40.98 -1.14 0.00	40.53 -2.47 -1.07	64.43 -3.67 -0.08	71.40 -2.36 -0.09	62.43 -4.06 -0.04	55.93 -3.07 0.00	53.09 -3.51 0.00	50.36 -3.56 0.00	48.67 -3.95 0.00	48.63 -3.60 0.00	51.37 -3.69 0.00	52.03 -3.85 -0.96	62.79 -3.74 -0.89	77.31 -2.72 0.00	70.33 -2.33 0.00	62.78 -2.89 0.00	60.08 -2.24 0.00	55.40 -1.53 0.00	53.20 -0.37 0.00	47.48 0.19 0.00
BARON_WINDS___WT_PWR 323822	45.29 -2.68 -0.08	43.37 -1.20 0.00	40.66 -1.39 -0.01	39.94 -1.36 0.00	40.94 -1.18 0.00	41.03 -2.31 -1.41	64.52 -3.61 -0.11	71.14 -2.65 -0.12	62.58 -3.92 -0.05	55.93 -3.07 0.00	52.86 -3.74 0.00	50.20 -3.72 0.00	48.57 -4.05 0.00	48.48 -3.76 0.00	51.21 -3.86 0.00	53.21 -2.97 -1.26	63.92 -2.89 -1.17	77.71 -2.32 0.00	70.77 -1.89 0.00	63.63 -2.04 0.00	60.83 -1.50 0.00	55.91 -1.02 0.00	53.20 -0.37 0.00	47.39 0.09 0.00
BARRETT_IC_1 23704	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT_IC_10 23701	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT_IC_11 23702	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT_IC_12 23703	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT_IC_2 23705	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT_IC_3 23706	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT_IC_4 23707	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT_IC_5 23708	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00

BARRETT_IC_6 23709	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT_IC_7 23710	52.33 4.02 -0.41	47.92 3.34 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	45.02 2.91 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.31 3.59 -0.27	63.07 4.07 0.00	60.61 4.02 0.00	58.61 4.69 0.00	57.53 4.89 -0.02	57.06 4.81 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.50 4.92 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.81 4.49 0.00	60.80 3.87 0.00	57.27 3.70 0.00	50.60 3.31 0.00
BARRETT_IC_8 23711	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT_IC_9 23700	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT___1 23545	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BARRETT___2 23546	52.33 4.02 -0.41	47.96 3.39 0.00	45.08 2.98 -0.06	44.07 2.77 0.00	44.98 2.87 0.00	52.29 3.19 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.07 4.07 0.00	60.84 4.25 0.00	58.78 4.86 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.48 4.23 -5.34	75.51 4.93 -4.94	85.72 5.68 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.69 4.36 0.00	60.81 3.87 0.00	57.26 3.69 0.00	50.60 3.31 0.00
BATAVIA___115KV_TB1 55881	46.03 -1.92 -0.05	43.46 -1.11 0.00	40.66 -1.39 -0.01	40.60 -0.70 0.00	41.36 -0.76 0.00	41.22 -1.59 -0.88	65.51 -2.58 -0.07	70.87 -2.87 -0.08	62.96 -3.52 -0.03	56.58 -2.42 0.00	53.99 -2.60 0.00	51.17 -2.75 0.00	49.52 -3.10 0.00	49.42 -2.82 0.00	52.25 -2.81 0.00	52.83 -2.86 -0.77	63.46 -2.89 -0.71	76.83 -3.20 0.00	69.83 -2.83 0.00	62.38 -3.28 0.00	59.65 -2.68 0.00	55.00 -1.94 0.00	52.93 -0.64 0.00	47.34 0.05 0.00
BAYONEEC___CTG1 323682	51.37 3.07 -0.40	47.25 2.67 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.43 2.31 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.04 2.74 -0.01
BAYONEEC___CTG10 323750	51.37 3.07 -0.40	47.25 2.67 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.43 2.31 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.04 2.74 -0.01
BAYONEEC___CTG2 323683	51.37 3.07 -0.40	47.25 2.67 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.43 2.31 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.04 2.74 -0.01
BAYONEEC___CTG3 323684	51.37 3.07 -0.40	47.25 2.67 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.43 2.31 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.04 2.74 -0.01
BAYONEEC___CTG4 323685	51.37 3.07 -0.40	47.25 2.67 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.43 2.31 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.04 2.74 -0.01
BAYONEEC___CTG5 323686	51.37 3.07 -0.40	47.25 2.67 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.43 2.31 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.04 2.74 -0.01
BAYONEEC___CTG6 323687	51.37 3.07 -0.40	47.25 2.67 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.43 2.31 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.04 2.74 -0.01
BAYONEEC___CTG7 323688	51.37 3.07 -0.40	47.25 2.67 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.43 2.31 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.04 2.74 -0.01

BAYONEEC___CTG8 323689	51.37 3.07 -0.40	47.25 2.67 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.43 2.31 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.04 2.74 -0.01
BAYONEEC___CTG9 323749	51.37 3.07 -0.40	47.25 2.67 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.43 2.31 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.04 2.74 -0.01
BEACON___LESR 323632	49.88 1.49 -0.50	46.05 1.47 0.00	43.54 1.43 -0.08	42.79 1.48 0.00	43.51 1.39 0.00	52.08 1.30 -8.85	70.86 2.18 -0.66	76.85 2.43 -0.76	68.97 2.19 -0.33	60.71 1.71 0.00	58.18 1.58 0.00	55.43 1.51 0.00	54.15 1.53 0.00	53.70 1.46 0.00	56.60 1.54 0.00	63.34 1.81 -6.62	74.00 2.23 -6.13	82.84 2.80 0.00	75.13 2.47 0.00	67.96 2.30 0.00	64.26 1.93 0.00	58.52 1.59 0.00	54.80 1.23 0.00	48.43 1.13 0.00
BEAVER RIVER___HYD 24048	47.29 -0.62 -0.02	44.22 -0.36 0.00	41.75 -0.29 0.00	41.01 -0.29 0.00	41.87 -0.25 0.00	41.63 -0.59 -0.29	67.03 -1.02 -0.02	72.66 -1.03 -0.02	65.60 -0.87 -0.01	57.47 -1.53 0.00	55.35 -1.25 0.00	52.74 -1.19 0.00	51.36 -1.26 0.00	51.04 -1.20 0.00	53.80 -1.26 0.00	53.98 -1.16 -0.22	63.94 -1.91 -0.20	78.20 -1.84 0.00	71.13 -1.53 0.00	64.88 -0.79 0.00	62.20 -0.12 0.00	57.05 0.11 0.00	54.05 0.48 0.00	47.72 0.42 0.00
BEEBEE_GT_13 23619	46.60 -1.34 -0.04	43.46 -1.11 0.00	40.78 -1.26 -0.01	40.27 -1.03 0.00	41.06 -1.05 0.00	41.56 -1.13 -0.76	66.31 -1.77 -0.06	71.82 -1.92 -0.06	63.89 -2.59 -0.03	57.35 -1.65 0.00	54.90 -1.70 0.00	52.14 -1.78 0.00	50.62 -2.00 0.00	50.41 -1.83 0.00	53.24 -1.82 0.00	53.91 -1.65 -0.64	64.59 -1.64 -0.59	77.63 -2.40 0.00	70.41 -2.25 0.00	63.17 -2.50 0.00	60.27 -2.06 0.00	55.40 -1.54 0.00	52.82 -0.75 0.00	46.91 -0.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	52.09 3.78 -0.41	47.93 3.34 -0.01	45.26 3.15 -0.07	44.20 2.89 -0.01	45.12 2.99 -0.01	52.17 3.06 -7.18	73.39 4.83 -0.54	79.59 5.30 -0.61	71.72 4.98 -0.28	67.41 4.07 -4.33	61.89 4.70 -0.59	63.99 3.88 -6.18	63.95 3.95 -7.38	63.85 3.92 -7.69	63.85 3.96 -4.83	67.41 4.67 -7.82	75.96 5.38 -4.94	86.84 6.80 0.00	78.69 6.03 0.00	71.18 5.52 0.00	67.83 5.48 -0.02	61.73 4.78 -0.02	57.75 4.18 0.00	50.84 3.55 0.00
BETHLEHEM___GRP 23843	49.21 0.81 -0.50	45.38 0.80 0.00	43.00 0.88 -0.08	42.25 0.95 0.00	42.96 0.84 0.00	51.44 0.67 -8.84	69.71 1.02 -0.66	75.53 1.11 -0.76	67.84 1.06 -0.33	59.77 0.77 0.00	57.33 0.74 0.00	54.62 0.70 0.00	53.41 0.79 0.00	52.92 0.68 0.00	55.78 0.72 0.00	62.52 0.99 -6.62	72.95 1.18 -6.12	81.48 1.44 0.00	73.97 1.31 0.00	66.85 1.18 0.00	63.26 0.93 0.00	57.62 0.68 0.00	54.00 0.43 0.00	47.77 0.47 0.00
BETHLEHEM___GS1 323560	49.21 0.81 -0.50	45.42 0.84 0.00	43.00 0.88 -0.08	42.25 0.95 0.00	42.96 0.84 0.00	51.44 0.67 -8.84	69.71 1.02 -0.66	75.60 1.18 -0.76	67.84 1.06 -0.33	59.77 0.77 0.00	57.33 0.73 0.00	54.62 0.70 0.00	53.41 0.79 0.00	52.92 0.68 0.00	55.78 0.71 0.00	62.52 0.99 -6.62	72.95 1.18 -6.12	81.48 1.44 0.00	73.97 1.31 0.00	66.85 1.18 0.00	63.26 0.94 0.00	57.62 0.69 0.00	54.00 0.43 0.00	47.77 0.47 0.00
BETHLEHEM___GS2 323561	49.21 0.81 -0.50	45.42 0.84 0.00	43.00 0.88 -0.08	42.25 0.95 0.00	42.96 0.84 0.00	51.44 0.67 -8.84	69.71 1.02 -0.66	75.60 1.18 -0.76	67.84 1.06 -0.33	59.77 0.77 0.00	57.33 0.73 0.00	54.62 0.70 0.00	53.41 0.79 0.00	52.92 0.68 0.00	55.78 0.71 0.00	62.52 0.99 -6.62	72.95 1.18 -6.12	81.48 1.44 0.00	73.97 1.31 0.00	66.85 1.18 0.00	63.26 0.94 0.00	57.62 0.69 0.00	54.00 0.43 0.00	47.77 0.47 0.00
BETHLEHEM___GS3 323562	49.21 0.81 -0.50	45.42 0.84 0.00	43.00 0.88 -0.08	42.25 0.95 0.00	42.96 0.84 0.00	51.44 0.67 -8.84	69.71 1.02 -0.66	75.60 1.18 -0.76	67.84 1.06 -0.33	59.77 0.77 0.00	57.33 0.73 0.00	54.62 0.70 0.00	53.41 0.79 0.00	52.92 0.68 0.00	55.78 0.71 0.00	62.52 0.99 -6.62	72.95 1.18 -6.12	81.48 1.44 0.00	73.97 1.31 0.00	66.85 1.18 0.00	63.26 0.94 0.00	57.62 0.69 0.00	54.00 0.43 0.00	47.77 0.47 0.00
BETHLEHEM___STEEL 23779	44.89 -3.07 -0.06	43.02 -1.56 0.00	40.19 -1.85 -0.01	39.94 -1.36 0.00	40.64 -1.47 0.00	40.27 -2.68 -1.02	63.68 -4.42 -0.08	68.60 -5.16 -0.09	61.57 -4.92 -0.04	55.46 -3.54 0.00	52.86 -3.74 0.00	50.10 -3.83 0.00	48.41 -4.21 0.00	48.37 -3.87 0.00	50.99 -4.07 0.00	51.49 -4.34 -0.91	61.82 -4.66 -0.84	75.63 -4.40 0.00	68.81 -3.85 0.00	61.40 -4.27 0.00	58.77 -3.55 0.00	54.37 -2.56 0.00	52.34 -1.23 0.00	46.82 -0.47 0.00
BETHLHEM_115KV_TB1 79974	49.31 0.91 -0.50	45.47 0.89 0.00	43.04 0.92 -0.08	42.25 0.95 0.00	43.00 0.88 0.00	51.52 0.75 -8.83	69.84 1.16 -0.66	75.68 1.25 -0.76	67.98 1.20 -0.33	59.89 0.89 0.00	57.45 0.85 0.00	54.73 0.81 0.00	53.46 0.84 0.00	53.02 0.78 0.00	55.89 0.83 0.00	62.57 1.04 -6.61	73.01 1.25 -6.12	81.64 1.60 0.00	74.04 1.38 0.00	66.98 1.31 0.00	63.39 1.06 0.00	57.73 0.80 0.00	54.11 0.54 0.00	47.86 0.57 0.00
BETHPAGE_CC_5 323564	52.66 4.36 -0.41	48.23 3.66 0.00	45.34 3.24 -0.06	44.31 3.01 0.00	45.23 3.12 0.00	52.59 3.48 -7.17	71.89 3.33 -0.54	78.40 4.12 -0.61	70.64 3.92 -0.27	63.54 4.54 0.00	61.29 4.69 0.00	59.26 5.34 0.00	58.06 5.42 -0.01	57.53 5.27 -0.01	60.51 5.45 0.00	64.98 4.72 -5.34	76.16 5.58 -4.94	86.52 6.48 0.00	79.20 6.54 0.00	71.25 5.58 0.00	67.25 4.92 0.00	61.26 4.32 0.00	57.75 4.18 0.00	50.93 3.64 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	44.79 -3.16 -0.06	43.11 -1.47 0.00	40.28 -1.77 -0.01	39.98 -1.32 0.00	40.73 -1.39 0.00	40.20 -2.77 -1.04	63.61 -4.49 -0.08	68.60 -5.16 -0.09	61.77 -4.72 -0.04	55.58 -3.42 0.00	52.97 -3.62 0.00	50.20 -3.72 0.00	48.46 -4.16 0.00	48.43 -3.81 0.00	51.10 -3.96 0.00	51.45 -4.39 -0.92	61.77 -4.73 -0.86	75.87 -4.16 0.00	69.03 -3.63 0.00	61.60 -4.07 0.00	58.96 -3.37 0.00	54.48 -2.45 0.00	52.50 -1.07 0.00	46.91 -0.38 0.00
BINGHAMTON___COGEN 23790	47.89 -0.14 -0.14	44.75 0.18 0.00	42.14 0.08 -0.02	41.38 0.08 0.00	42.24 0.13 0.00	44.26 -0.08 -2.41	68.20 0.00 -0.18	73.87 0.00 -0.21	66.54 0.00 -0.09	59.18 0.18 0.00	56.65 0.06 0.00	53.87 -0.05 0.00	52.46 -0.16 0.00	52.19 -0.05 0.00	55.01 -0.06 0.00	56.17 -0.55 -1.80	66.92 -0.39 -1.67	80.04 0.00 0.00	72.66 0.00 0.00	65.54 -0.13 0.00	62.33 0.00 0.00	57.05 0.11 0.00	53.84 0.27 0.00	47.62 0.33 0.00

BIXINCNT_115KV_LOAD 355685	44.51 -3.45 -0.06	43.19 -1.38 0.00	40.32 -1.72 -0.01	39.98 -1.32 0.00	40.73 -1.39 0.00	39.96 -3.06 -1.09	63.41 -4.69 -0.08	68.60 -5.16 -0.09	62.11 -4.39 -0.04	55.52 -3.48 0.00	52.75 -3.85 0.00	49.88 -4.04 0.00	48.04 -4.58 0.00	47.96 -4.28 0.00	50.77 -4.29 0.00	50.91 -5.00 -0.99	61.43 -5.12 -0.91	76.19 -3.84 0.00	69.25 -3.42 0.00	61.79 -3.87 0.00	59.27 -3.05 0.00	54.71 -2.22 0.00	52.61 -0.96 0.00	47.06 -0.24 0.00
BLACK RIVER___HYD 24047	47.49 -0.43 -0.02	44.35 -0.22 0.00	41.91 -0.13 0.00	41.14 -0.16 0.00	42.08 -0.04 0.00	42.07 -0.25 -0.39	67.92 -0.14 -0.03	73.85 0.15 -0.03	66.47 0.00 -0.01	58.23 -0.77 0.00	55.80 -0.79 0.00	53.12 -0.81 0.00	51.73 -0.89 0.00	51.46 -0.78 0.00	54.24 -0.82 0.00	54.44 -0.77 -0.29	64.80 -1.12 -0.27	79.48 -0.56 0.00	72.30 -0.36 0.00	65.73 0.07 0.00	62.89 0.56 0.00	57.56 0.63 0.00	54.43 0.85 0.00	47.95 0.66 0.00
BLACKRVR_115KV_TB2 79977	47.49 -0.43 -0.02	44.40 -0.18 0.00	41.91 -0.13 0.00	41.14 -0.17 0.00	42.08 -0.04 0.00	42.07 -0.25 -0.39	67.92 -0.14 -0.03	74.00 0.29 -0.03	66.47 0.00 -0.01	58.23 -0.77 0.00	55.86 -0.74 0.00	53.11 -0.81 0.00	51.73 -0.89 0.00	51.46 -0.78 0.00	54.24 -0.83 0.00	54.44 -0.77 -0.29	64.80 -1.12 -0.27	79.48 -0.56 0.00	72.30 -0.36 0.00	65.73 0.07 0.00	62.89 0.56 0.00	57.50 0.57 0.00	54.43 0.86 0.00	47.95 0.66 0.00
BLDWN_LI_69_KV_BK4 356085	52.67 4.36 -0.41	48.23 3.66 0.00	45.34 3.24 -0.06	44.32 3.01 0.00	45.28 3.16 0.00	52.59 3.48 -7.17	72.03 3.47 -0.54	78.63 4.35 -0.61	70.84 4.12 -0.27	63.60 4.60 0.00	61.12 4.53 0.00	59.10 5.18 0.00	58.00 5.37 -0.01	57.53 5.28 -0.01	60.51 5.45 0.00	65.03 4.78 -5.34	76.29 5.71 -4.94	86.68 6.64 0.00	79.35 6.68 0.00	71.38 5.71 0.00	67.56 5.24 0.00	61.43 4.50 0.00	57.75 4.18 0.00	50.93 3.64 0.00
BLISS_WT_PWR 323608	44.41 -3.54 -0.06	43.19 -1.38 0.00	40.49 -1.55 -0.01	39.82 -1.49 0.00	40.77 -1.35 0.00	39.88 -3.15 -1.09	63.34 -4.76 -0.08	71.04 -2.72 -0.09	62.17 -4.32 -0.04	55.34 -3.66 0.00	52.47 -4.13 0.00	49.61 -4.32 0.00	47.83 -4.79 0.00	47.75 -4.49 0.00	50.60 -4.46 0.00	50.74 -5.16 -0.99	61.30 -5.25 -0.91	75.96 -4.08 0.00	69.10 -3.56 0.00	61.66 -4.01 0.00	59.15 -3.18 0.00	54.60 -2.34 0.00	52.50 -1.07 0.00	47.01 -0.28 0.00
BLUESTONE___WT_PWR 323821	49.82 1.77 -0.15	46.49 1.92 0.00	43.91 1.85 -0.02	43.04 1.73 0.00	44.01 1.90 0.00	46.31 1.76 -2.61	71.42 3.20 -0.20	78.02 4.12 -0.22	70.07 3.52 -0.10	62.07 3.07 0.00	59.37 2.77 0.00	56.62 2.70 0.00	55.10 2.47 0.00	54.90 2.66 0.00	57.87 2.81 0.00	59.28 2.41 -1.95	70.47 3.02 -1.80	84.60 4.56 0.00	76.66 3.99 0.00	69.14 3.48 0.00	65.81 3.49 0.00	59.95 3.02 0.00	56.41 2.84 0.00	49.75 2.46 0.00
BLUE_CIRC_CHEM_DRP 24182	49.77 1.39 -0.49	46.05 1.47 0.00	43.54 1.43 -0.08	42.75 1.45 0.00	43.55 1.43 0.00	51.83 1.22 -8.68	70.65 1.97 -0.65	76.47 2.06 -0.74	68.77 1.99 -0.32	60.54 1.53 0.00	57.95 1.36 0.00	55.16 1.24 0.00	53.83 1.21 0.00	53.44 1.20 0.00	56.38 1.32 0.00	62.88 1.48 -6.48	73.48 1.84 -6.00	82.52 2.48 0.00	74.91 2.25 0.00	67.77 2.10 0.00	64.20 1.87 0.00	58.53 1.59 0.00	54.86 1.29 0.00	48.47 1.18 0.00
BOC_GAS_DRP 24189	49.35 0.96 -0.50	45.51 0.94 0.00	43.04 0.92 -0.08	42.25 0.95 0.00	43.00 0.88 0.00	51.57 0.84 -8.80	69.97 1.29 -0.66	75.82 1.40 -0.75	68.11 1.33 -0.33	60.12 1.12 0.00	57.67 1.08 0.00	54.95 1.02 0.00	53.67 1.05 0.00	53.23 0.99 0.00	56.11 1.05 0.00	62.64 1.15 -6.57	73.10 1.38 -6.08	81.72 1.68 0.00	74.19 1.53 0.00	67.11 1.44 0.00	63.57 1.25 0.00	57.96 1.02 0.00	54.37 0.80 0.00	48.05 0.76 0.00
BOONVILLE_115KV_TB1 79983	48.34 0.43 -0.01	45.16 0.58 0.00	42.63 0.59 0.00	41.88 0.58 0.00	42.75 0.63 0.00	42.63 0.46 -0.24	68.86 0.82 -0.02	74.87 1.18 -0.02	67.46 1.00 -0.01	59.53 0.53 0.00	57.16 0.57 0.00	54.52 0.59 0.00	53.15 0.53 0.00	52.81 0.57 0.00	55.67 0.61 0.00	55.65 0.55 -0.18	66.27 0.46 -0.17	80.92 0.88 0.00	73.46 0.80 0.00	66.65 0.99 0.00	63.51 1.18 0.00	58.01 1.08 0.00	54.75 1.18 0.00	48.29 0.99 0.00
BORALEX_4TH_BRANCH 23824	50.46 2.06 -0.51	46.67 2.10 0.00	44.13 2.02 -0.08	43.37 2.07 0.00	44.18 2.06 0.00	52.98 2.05 -8.99	72.10 3.40 -0.67	77.97 3.54 -0.77	69.91 3.12 -0.34	61.13 2.12 0.00	58.58 1.98 0.00	55.86 1.94 0.00	54.57 1.95 0.00	53.91 1.67 0.00	56.99 1.93 0.00	64.08 2.47 -6.69	75.18 3.35 -6.20	84.12 4.08 0.00	76.15 3.49 0.00	68.88 3.22 0.00	64.82 2.49 0.00	58.93 1.99 0.00	55.12 1.55 0.00	48.71 1.42 0.00
BOWLINE___1 23526	50.82 2.54 -0.39	46.80 2.23 0.00	44.16 2.06 -0.06	43.20 1.90 0.00	44.06 1.94 0.00	50.95 2.05 -6.97	71.88 3.33 -0.52	78.09 3.83 -0.60	70.30 3.59 -0.26	62.48 3.48 0.00	59.93 3.34 0.00	57.27 3.34 0.00	55.94 3.32 0.00	55.53 3.29 0.00	58.42 3.36 0.00	63.34 3.24 -5.18	74.31 3.87 -4.80	84.92 4.88 0.00	77.02 4.36 0.00	69.54 3.87 0.00	66.06 3.74 0.00	60.18 3.24 0.00	56.30 2.73 0.00	49.52 2.22 0.00
BOWLINE___2 23595	50.82 2.54 -0.39	46.80 2.23 0.00	44.16 2.06 -0.06	43.20 1.90 0.00	44.06 1.94 0.00	50.95 2.05 -6.97	71.88 3.33 -0.52	78.09 3.83 -0.60	70.23 3.52 -0.26	62.48 3.48 0.00	59.93 3.34 0.00	57.27 3.34 0.00	55.94 3.32 0.00	55.53 3.29 0.00	58.42 3.36 0.00	63.34 3.24 -5.18	74.31 3.87 -4.80	84.92 4.88 0.00	76.95 4.29 0.00	69.54 3.87 0.00	66.06 3.74 0.00	60.18 3.24 0.00	56.25 2.68 0.00	49.47 2.18 0.00
BRADY___115KV_TB2 356060	47.80 -0.10 0.00	44.18 -0.40 0.00	41.70 -0.34 0.00	40.93 -0.37 0.00	41.74 -0.38 0.00	41.60 -0.34 0.00	66.80 -1.22 0.00	72.34 -1.33 0.00	65.12 -1.33 0.00	56.52 -2.48 0.00	55.07 -1.53 0.00	52.31 -1.62 0.00	50.73 -1.89 0.00	50.20 -2.04 0.00	52.97 -2.09 0.00	53.43 -1.48 0.00	63.02 -2.63 0.00	76.91 -3.12 0.00	70.63 -2.03 0.00	64.03 -1.64 0.00	61.14 -1.18 0.00	56.19 -0.74 0.00	54.43 0.86 0.00	48.05 0.76 0.00
BRANSCOMB___SOLAR 323811	50.90 2.49 -0.52	46.98 2.41 0.00	44.39 2.27 -0.08	43.61 2.31 0.00	44.43 2.31 0.00	53.49 2.35 -9.21	72.66 3.94 -0.69	78.88 4.42 -0.79	70.58 3.79 -0.34	61.95 2.95 0.00	59.37 2.77 0.00	56.41 2.48 0.00	54.93 2.31 0.00	54.43 2.19 0.00	57.54 2.48 0.00	64.55 2.80 -6.84	75.58 3.61 -6.33	84.52 4.48 0.00	76.73 4.07 0.00	69.28 3.61 0.00	65.63 3.30 0.00	59.72 2.79 0.00	56.04 2.47 0.00	49.42 2.13 0.00
BRDGHMPT_69_KV_BK1 55812	54.44 6.13 -0.41	49.75 5.17 0.00	46.72 4.62 -0.06	45.72 4.42 0.00	46.71 4.59 0.00	54.05 4.95 -7.17	73.93 5.37 -0.54	80.84 6.56 -0.61	72.63 5.91 -0.27	65.49 6.49 0.00	62.88 6.28 0.00	60.77 6.85 0.00	59.64 7.00 -0.02	58.99 6.74 -0.02	61.98 6.88 -0.04	66.02 5.77 -5.34	77.41 6.83 -4.94	87.48 7.44 0.00	80.51 7.85 0.00	72.17 6.50 0.00	68.25 5.92 0.00	62.00 5.07 0.00	58.12 4.55 0.00	51.50 4.21 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	53.38 5.08 -0.41	48.81 4.23 0.00	45.88 3.78 -0.06	44.85 3.55 0.00	45.82 3.71 0.00	53.17 4.07 -7.17	72.57 4.01 -0.54	79.22 4.94 -0.61	71.37 4.65 -0.27	64.25 5.25 0.00	61.69 5.09 0.00	59.80 5.88 0.00	58.85 6.21 -0.02	58.37 6.11 -0.02	61.07 6.00 0.00	65.64 5.38 -5.34	76.95 6.37 -4.94	87.32 7.28 0.00	80.15 7.48 0.00	72.04 6.37 0.00	68.18 5.86 0.00	61.94 5.01 0.00	58.34 4.77 0.00	51.50 4.21 0.00
BRISTLHL_115KV_TB1 79998	46.54 -1.39 -0.03	43.33 -1.25 0.00	40.82 -1.22 -0.01	40.10 -1.20 0.00	40.94 -1.18 0.00	41.34 -1.17 -0.59	66.23 -1.84 -0.04	71.80 -1.92 -0.05	64.68 -1.79 -0.02	57.47 -1.53 0.00	55.12 -1.47 0.00	52.41 -1.51 0.00	51.15 -1.47 0.00	50.78 -1.46 0.00	53.52 -1.54 0.00	53.77 -1.59 -0.44	64.22 -1.84 -0.41	77.79 -2.24 0.00	70.63 -2.03 0.00	63.76 -1.90 0.00	60.52 -1.81 0.00	55.40 -1.54 0.00	52.18 -1.39 0.00	46.06 -1.23 0.00
BROOKHAVEN___DRP 24191	53.24 4.93 -0.41	48.68 4.10 0.00	45.71 3.61 -0.06	44.69 3.39 0.00	45.70 3.58 0.00	53.05 3.94 -7.17	72.10 3.54 -0.54	78.78 4.49 -0.61	71.04 4.32 -0.27	64.08 5.07 0.00	61.58 4.98 0.00	59.64 5.72 0.00	58.69 6.05 -0.02	58.16 5.90 -0.02	61.10 6.00 -0.04	65.25 5.00 -5.34	76.42 5.84 -4.94	86.44 6.40 0.00	79.49 6.83 0.00	71.45 5.78 0.00	67.62 5.30 0.00	61.54 4.61 0.00	57.91 4.34 0.00	51.12 3.83 0.00
BROOKLYN_NAVY_YARD 23515	51.32 3.02 -0.40	47.16 2.58 0.00	44.54 2.44 -0.06	43.53 2.23 0.00	44.39 2.27 0.00	51.54 2.43 -7.17	72.44 3.88 -0.54	78.78 4.49 -0.61	71.05 4.32 -0.28	67.59 4.30 -4.28	61.31 4.13 -0.59	64.12 4.10 -6.10	64.01 4.11 -7.29	63.91 4.08 -7.60	63.96 4.13 -4.77	66.71 4.01 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.77 4.43 -0.02	60.87 3.93 -0.02	56.85 3.27 -0.01	49.99 2.69 -0.01
BROOKLYN___ARMY_DRP 323595	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.66 4.47 -0.59	63.81 3.67 -6.22	63.78 3.74 -7.42	63.63 3.66 -7.74	63.66 3.74 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
BROOME_2_LFGE 323671	47.89 -0.14 -0.14	44.76 0.18 0.00	42.18 0.13 -0.02	41.38 0.08 0.00	42.29 0.17 0.00	44.26 -0.08 -2.41	68.20 0.00 -0.18	74.32 0.44 -0.21	66.61 0.07 -0.09	59.18 0.18 0.00	56.60 0.00 0.00	53.87 -0.05 0.00	52.46 -0.16 0.00	52.19 -0.05 0.00	55.01 -0.05 0.00	56.17 -0.55 -1.80	66.92 -0.39 -1.67	80.04 0.00 0.00	72.66 0.00 0.00	65.54 -0.13 0.00	62.33 0.00 0.00	57.05 0.11 0.00	53.84 0.27 0.00	47.63 0.33 0.00
BROOME___LFGE 323600	47.89 -0.14 -0.14	44.76 0.18 0.00	42.18 0.13 -0.02	41.38 0.08 0.00	42.29 0.17 0.00	44.26 -0.08 -2.41	68.20 0.00 -0.18	74.32 0.44 -0.21	66.61 0.07 -0.09	59.18 0.18 0.00	56.60 0.00 0.00	53.87 -0.05 0.00	52.46 -0.16 0.00	52.19 -0.05 0.00	55.01 -0.05 0.00	56.17 -0.55 -1.80	66.92 -0.39 -1.67	80.04 0.00 0.00	72.66 0.00 0.00	65.54 -0.13 0.00	62.33 0.00 0.00	57.05 0.11 0.00	53.84 0.27 0.00	47.63 0.33 0.00
BROWNFLS_115KV_TB_3_5 80003	46.95 -0.96 -0.01	43.68 -0.89 0.00	41.28 -0.76 0.00	40.52 -0.78 0.00	41.32 -0.80 0.00	41.01 -1.13 -0.21	65.80 -2.24 -0.02	71.48 -2.21 -0.02	64.47 -1.99 -0.01	56.29 -2.71 0.00	54.62 -1.98 0.00	51.98 -1.94 0.00	50.57 -2.05 0.00	50.20 -2.04 0.00	52.86 -2.20 0.00	53.10 -1.98 -0.16	62.57 -3.22 -0.15	76.27 -3.76 0.00	69.68 -2.98 0.00	63.37 -2.30 0.00	60.64 -1.68 0.00	55.79 -1.14 0.00	53.52 -0.05 0.00	47.34 0.05 0.00
BROWNSV1_27_KV_LOAD 356125	51.70 3.40 -0.40	47.56 2.99 0.00	44.92 2.82 -0.06	43.86 2.56 0.00	44.77 2.65 0.00	51.83 2.73 -7.17	73.05 4.49 -0.54	79.36 5.08 -0.61	71.65 4.92 -0.28	68.06 4.78 -4.28	61.71 4.53 -0.59	64.56 4.53 -6.10	64.43 4.53 -7.29	64.33 4.49 -7.60	64.45 4.63 -4.77	67.10 4.39 -7.79	75.76 5.19 -4.94	86.60 6.56 0.00	78.47 5.81 0.00	70.92 5.25 0.00	67.39 5.05 -0.02	61.39 4.44 -0.02	57.32 3.75 0.00	50.41 3.12 0.00
BURROWS___LYONSDAL 23803	48.01 0.10 -0.01	44.93 0.36 0.00	42.42 0.38 0.00	41.67 0.37 0.00	42.54 0.42 0.00	42.35 0.17 -0.25	68.38 0.34 -0.02	74.35 0.66 -0.02	66.99 0.53 -0.01	59.00 0.00 0.00	56.65 0.06 0.00	54.03 0.11 0.00	52.67 0.05 0.00	52.34 0.10 0.00	55.17 0.11 0.00	55.22 0.11 -0.19	65.68 -0.13 -0.17	80.20 0.16 0.00	72.88 0.22 0.00	66.26 0.59 0.00	63.20 0.87 0.00	57.79 0.85 0.00	54.54 0.96 0.00	48.14 0.85 0.00
CAITHNESS_CC_1 323624	53.05 4.74 -0.41	48.50 3.92 0.00	45.55 3.45 -0.06	44.56 3.26 0.00	45.49 3.37 0.00	52.88 3.78 -7.17	71.83 3.27 -0.54	78.40 4.12 -0.61	70.57 3.85 -0.27	63.84 4.84 0.00	61.63 5.04 0.00	59.70 5.77 0.00	58.48 5.84 -0.02	57.95 5.69 -0.02	60.93 5.83 -0.04	65.09 4.83 -5.34	76.16 5.58 -4.94	86.12 6.08 0.00	79.20 6.54 0.00	71.18 5.52 0.00	67.25 4.92 0.00	61.32 4.38 0.00	57.75 4.18 0.00	50.98 3.69 0.00
CALPINE BETH_PAGE_GT4 24209	52.57 4.26 -0.41	48.10 3.52 0.00	45.25 3.15 -0.06	44.23 2.93 0.00	45.19 3.07 0.00	52.46 3.35 -7.17	71.69 3.13 -0.54	78.19 3.90 -0.61	70.51 3.79 -0.27	63.31 4.31 0.00	60.84 4.24 0.00	58.83 4.91 0.00	57.79 5.16 -0.01	57.37 5.12 -0.01	60.29 5.23 0.00	64.76 4.50 -5.34	75.96 5.38 -4.94	86.20 6.16 0.00	78.91 6.25 0.00	70.99 5.32 0.00	67.19 4.86 0.00	61.09 4.16 0.00	57.59 4.02 0.00	50.79 3.50 0.00
CALPINE_BETH_PAGE_GT_4 323586	52.57 4.26 -0.41	48.10 3.52 0.00	45.21 3.11 -0.06	44.23 2.93 0.00	45.15 3.03 0.00	52.46 3.36 -7.17	71.69 3.13 -0.54	78.18 3.90 -0.61	70.37 3.65 -0.27	63.31 4.30 0.00	61.07 4.47 0.00	59.05 5.13 0.00	57.80 5.16 -0.01	57.32 5.07 -0.01	60.29 5.23 0.00	64.76 4.50 -5.34	75.96 5.38 -4.94	86.20 6.16 0.00	78.91 6.25 0.00	70.98 5.32 0.00	67.06 4.73 0.00	61.03 4.10 0.00	57.59 4.02 0.00	50.79 3.50 0.00
CALPINE_BP_GT1 23823	52.57 4.26 -0.41	48.10 3.52 0.00	45.21 3.11 -0.06	44.23 2.93 0.00	45.15 3.03 0.00	52.46 3.36 -7.17	71.69 3.13 -0.54	78.18 3.90 -0.61	70.37 3.65 -0.27	63.31 4.30 0.00	61.07 4.47 0.00	59.05 5.13 0.00	57.80 5.16 -0.01	57.32 5.07 -0.01	60.29 5.23 0.00	64.76 4.50 -5.34	75.96 5.38 -4.94	86.20 6.16 0.00	78.91 6.25 0.00	70.98 5.32 0.00	67.06 4.73 0.00	61.03 4.10 0.00	57.59 4.02 0.00	50.79 3.50 0.00
CALSPAN___DRP 24200	44.89 -3.07 -0.06	43.02 -1.56 0.00	40.19 -1.85 -0.01	39.94 -1.36 0.00	40.64 -1.47 0.00	40.27 -2.68 -1.02	63.68 -4.42 -0.08	68.60 -5.16 -0.09	61.57 -4.92 -0.04	55.46 -3.54 0.00	52.86 -3.74 0.00	50.10 -3.83 0.00	48.41 -4.21 0.00	48.37 -3.87 0.00	50.99 -4.07 0.00	51.49 -4.34 -0.91	61.82 -4.66 -0.84	75.63 -4.40 0.00	68.81 -3.85 0.00	61.40 -4.27 0.00	58.77 -3.55 0.00	54.37 -2.56 0.00	52.34 -1.23 0.00	46.82 -0.47 0.00

CALVERTON___SOLAR 323806	53.48 5.17 -0.41	48.90 4.32 0.00	45.88 3.78 -0.06	44.89 3.59 0.00	45.82 3.71 0.00	53.22 4.11 -7.17	72.50 3.94 -0.54	79.14 4.86 -0.61	71.17 4.45 -0.27	64.37 5.37 0.00	62.08 5.49 0.00	60.12 6.20 0.00	58.90 6.26 -0.02	58.31 6.06 -0.02	61.32 6.22 -0.04	65.47 5.22 -5.34	76.69 6.11 -4.94	86.76 6.72 0.00	79.86 7.20 0.00	71.70 6.04 0.00	67.69 5.36 0.00	61.72 4.78 0.00	58.07 4.50 0.00	51.27 3.97 0.00
CANDIGU_WT_PWR 323617	45.29 -2.68 -0.08	43.37 -1.20 0.00	40.66 -1.39 -0.01	39.94 -1.36 0.00	40.94 -1.18 0.00	41.03 -2.31 -1.41	64.52 -3.61 -0.11	71.14 -2.65 -0.12	62.58 -3.92 -0.05	55.93 -3.07 0.00	52.86 -3.74 0.00	50.20 -3.72 0.00	48.57 -4.05 0.00	48.48 -3.76 0.00	51.21 -3.86 0.00	53.21 -2.97 -1.26	63.92 -2.89 -1.17	77.71 -2.32 0.00	70.77 -1.89 0.00	63.63 -2.04 0.00	60.83 -1.50 0.00	55.91 -1.02 0.00	53.20 -0.37 0.00	47.39 0.09 0.00
CARR STREET_E_SYR 24060	47.07 -0.86 -0.04	43.82 -0.76 0.00	41.29 -0.76 -0.01	40.56 -0.74 0.00	41.40 -0.72 0.00	41.88 -0.75 -0.70	66.78 -1.29 -0.05	72.47 -1.25 -0.06	65.21 -1.26 -0.03	58.06 -0.95 0.00	55.58 -1.02 0.00	52.90 -1.03 0.00	51.62 -1.00 0.00	51.24 -0.99 0.00	54.07 -0.99 0.00	54.23 -1.21 -0.53	64.82 -1.31 -0.49	78.44 -1.60 0.00	71.13 -1.53 0.00	64.22 -1.44 0.00	61.01 -1.31 0.00	55.79 -1.14 0.00	52.77 -0.80 0.00	46.58 -0.71 0.00
CARTHAGE___PAPER 23857	47.39 -0.53 -0.02	44.31 -0.27 0.00	41.83 -0.21 0.00	41.10 -0.21 0.00	41.99 -0.13 0.00	41.90 -0.38 -0.35	67.50 -0.55 -0.03	73.26 -0.44 -0.03	66.00 -0.46 -0.01	57.76 -1.24 0.00	55.52 -1.08 0.00	52.85 -1.08 0.00	51.46 -1.16 0.00	51.14 -1.10 0.00	53.90 -1.16 0.00	54.19 -0.99 -0.26	64.31 -1.58 -0.24	78.75 -1.28 0.00	71.71 -0.95 0.00	65.34 -0.33 0.00	62.58 0.25 0.00	57.33 0.40 0.00	54.27 0.69 0.00	47.86 0.57 0.00
CASSADAGA_WT_PWR 323784	44.89 -3.07 -0.06	43.37 -1.20 0.00	40.57 -1.47 -0.01	39.90 -1.40 0.00	40.94 -1.18 0.00	40.50 -2.51 -1.09	64.91 -3.20 -0.08	72.51 -1.25 -0.09	62.97 -3.52 -0.04	56.23 -2.77 0.00	53.26 -3.34 0.00	50.47 -3.45 0.00	48.73 -3.89 0.00	48.74 -3.50 0.00	51.65 -3.41 0.00	52.27 -3.63 -0.98	63.47 -3.08 -0.91	78.51 -1.52 0.00	71.57 -1.09 0.00	63.76 -1.91 0.00	61.08 -1.25 0.00	56.31 -0.63 0.00	54.11 0.54 0.00	48.19 0.90 0.00
CE_DUNWOOD___DRP 24194	51.08 2.78 -0.40	47.03 2.45 0.00	44.41 2.31 -0.06	43.41 2.11 0.00	44.31 2.19 0.00	51.35 2.26 -7.16	72.23 3.67 -0.53	78.41 4.13 -0.61	70.70 3.99 -0.27	62.84 3.84 0.00	60.28 3.68 0.00	57.59 3.67 0.00	56.36 3.74 0.00	55.95 3.71 0.00	58.81 3.74 0.00	63.81 3.57 -5.32	74.84 4.27 -4.93	85.40 5.36 0.00	77.38 4.72 0.00	69.94 4.27 0.00	66.44 4.11 0.00	60.52 3.59 0.00	56.57 3.00 0.00	49.75 2.46 0.00
CE_MILLWOOD___DRP 24193	50.98 2.68 -0.40	46.94 2.36 0.00	44.33 2.23 -0.06	43.37 2.07 0.00	44.22 2.11 0.00	51.24 2.18 -7.13	72.09 3.54 -0.53	78.26 3.98 -0.61	70.57 3.85 -0.27	62.72 3.72 0.00	60.16 3.57 0.00	57.43 3.51 0.00	56.20 3.58 0.00	55.79 3.55 0.00	58.64 3.58 0.00	63.68 3.46 -5.30	74.69 4.14 -4.91	85.16 5.12 0.00	77.24 4.58 0.00	69.80 4.14 0.00	66.25 3.93 0.00	60.41 3.47 0.00	56.46 2.89 0.00	49.66 2.36 0.00
CE_NYC2_DRP 24202	51.66 3.35 -0.41	47.53 2.94 -0.01	44.88 2.77 -0.07	43.87 2.56 -0.01	44.78 2.65 -0.01	51.84 2.73 -7.18	72.78 4.22 -0.54	78.92 4.64 -0.61	71.19 4.45 -0.28	67.47 4.13 -4.34	61.44 4.24 -0.59	64.05 3.94 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.92 4.02 -4.84	66.91 4.17 -7.82	75.31 4.73 -4.94	85.96 5.92 0.00	77.89 5.23 0.00	70.46 4.79 0.00	67.08 4.74 -0.02	61.10 4.16 -0.02	57.16 3.59 0.00	50.32 3.03 0.00
CE_NYC_DRP 24195	51.41 3.11 -0.40	47.25 2.67 0.00	44.66 2.56 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.64 4.08 -0.54	78.92 4.64 -0.61	71.25 4.52 -0.28	67.68 4.43 -4.26	61.37 4.19 -0.58	64.15 4.15 -6.07	64.08 4.21 -7.25	63.97 4.18 -7.56	64.04 4.24 -4.74	66.75 4.06 -7.77	75.37 4.79 -4.94	86.04 6.00 0.00	77.97 5.30 0.00	70.40 4.73 0.00	66.89 4.55 -0.02	60.99 4.04 -0.02	56.95 3.37 0.00	50.08 2.79 0.00
CHAFFEE___LFGE 323603	44.94 -3.02 -0.06	43.24 -1.34 0.00	40.53 -1.51 -0.01	39.94 -1.36 0.00	40.89 -1.22 0.00	40.35 -2.64 -1.06	63.82 -4.28 -0.08	70.52 -3.24 -0.09	61.97 -4.52 -0.04	55.64 -3.36 0.00	52.92 -3.68 0.00	50.20 -3.72 0.00	48.57 -4.05 0.00	48.53 -3.71 0.00	51.15 -3.91 0.00	51.53 -4.34 -0.95	61.92 -4.60 -0.88	75.96 -4.08 0.00	69.10 -3.56 0.00	61.60 -4.07 0.00	59.02 -3.31 0.00	54.54 -2.39 0.00	52.50 -1.07 0.00	46.91 -0.38 0.00
CHATEAUG_35_KV_LOAD 355732	46.99 -0.91 0.00	43.28 -1.29 0.00	40.86 -1.18 0.00	40.10 -1.20 0.00	40.85 -1.26 0.00	40.88 -1.05 0.00	65.71 -2.31 0.00	71.09 -2.58 0.00	64.06 -2.39 0.00	55.76 -3.25 0.00	54.28 -2.32 0.00	51.39 -2.53 0.00	49.83 -2.79 0.00	49.31 -2.93 0.00	51.92 -3.14 0.00	52.50 -2.42 0.00	61.90 -3.74 0.00	75.47 -4.56 0.00	69.39 -3.27 0.00	62.91 -2.76 0.00	60.08 -2.24 0.00	55.22 -1.71 0.00	53.46 -0.11 0.00	47.15 -0.14 0.00
CHATEAUG_WT_PWR 323614	46.89 -1.01 0.00	43.24 -1.34 0.00	40.69 -1.35 0.00	40.02 -1.28 0.00	40.77 -1.35 0.00	40.80 -1.13 0.00	65.64 -2.38 0.00	69.99 -3.68 0.00	63.86 -2.59 0.00	55.81 -3.19 0.00	54.39 -2.21 0.00	51.50 -2.43 0.00	49.94 -2.68 0.00	49.42 -2.82 0.00	52.03 -3.03 0.00	52.56 -2.36 0.00	61.97 -3.67 0.00	75.48 -4.56 0.00	69.10 -3.56 0.00	62.78 -2.89 0.00	59.96 -2.37 0.00	55.40 -1.53 0.00	53.36 -0.21 0.00	47.06 -0.24 0.00
CHAT_HIGH_FALL_HYD 323578	46.99 -0.91 0.00	43.28 -1.29 0.00	40.86 -1.18 0.00	40.10 -1.20 0.00	40.85 -1.26 0.00	40.88 -1.05 0.00	65.71 -2.31 0.00	71.09 -2.58 0.00	64.06 -2.39 0.00	55.76 -3.25 0.00	54.28 -2.32 0.00	51.39 -2.53 0.00	49.83 -2.79 0.00	49.31 -2.93 0.00	51.92 -3.14 0.00	52.50 -2.42 0.00	61.90 -3.74 0.00	75.47 -4.56 0.00	69.39 -3.27 0.00	62.91 -2.76 0.00	60.08 -2.24 0.00	55.22 -1.71 0.00	53.46 -0.11 0.00	47.15 -0.14 0.00
CHAUTAUQUA___LFGE 323629	45.18 -2.78 -0.06	43.46 -1.11 0.00	40.70 -1.35 -0.01	40.06 -1.24 0.00	41.07 -1.05 0.00	40.65 -2.35 -1.07	64.84 -3.26 -0.08	71.92 -1.84 -0.09	62.77 -3.72 -0.04	56.17 -2.83 0.00	53.31 -3.28 0.00	50.58 -3.34 0.00	48.83 -3.79 0.00	48.79 -3.45 0.00	51.59 -3.47 0.00	52.31 -3.57 -0.96	63.18 -3.35 -0.89	77.88 -2.16 0.00	70.92 -1.74 0.00	63.31 -2.36 0.00	60.65 -1.68 0.00	55.85 -1.08 0.00	53.68 0.11 0.00	47.86 0.57 0.00
CHERRYST_13_KV_LD 356241	51.51 3.21 -0.40	47.38 2.81 0.00	44.75 2.65 -0.06	43.70 2.40 0.00	44.60 2.48 0.00	51.70 2.60 -7.17	72.85 4.29 -0.54	79.14 4.86 -0.61	71.45 4.72 -0.28	67.86 4.60 -4.26	61.54 4.36 -0.58	64.36 4.37 -6.07	64.24 4.37 -7.25	64.13 4.34 -7.56	64.21 4.40 -4.74	66.92 4.23 -7.77	75.57 4.99 -4.94	86.28 6.24 0.00	78.18 5.52 0.00	70.59 4.93 0.00	67.08 4.74 -0.02	61.10 4.16 -0.02	57.05 3.48 0.00	50.22 2.93 0.00

CHESTROR_138KV_BK263 355645	50.57 2.30 -0.38	46.58 2.01 0.00	43.99 1.89 -0.06	43.04 1.73 0.00	43.89 1.77 0.00	50.46 1.85 -6.68	71.58 3.06 -0.50	77.63 3.39 -0.57	69.96 3.26 -0.25	62.13 3.13 0.00	59.54 2.94 0.00	56.84 2.91 0.00	55.52 2.89 0.00	55.11 2.87 0.00	58.03 2.97 0.00	62.74 2.86 -4.97	73.65 3.41 -4.60	84.36 4.32 0.00	76.51 3.85 0.00	69.08 3.41 0.00	65.63 3.30 0.00	59.84 2.90 0.00	55.98 2.41 0.00	49.28 1.99 0.00
CH_MIDHUDSON___DRP 24192	50.80 2.49 -0.41	46.76 2.18 0.00	44.16 2.06 -0.07	43.24 1.94 0.00	44.10 1.98 0.00	51.24 2.01 -7.29	71.90 3.33 -0.54	77.97 3.68 -0.62	70.31 3.59 -0.27	62.42 3.42 0.00	59.88 3.28 0.00	57.11 3.18 0.00	55.83 3.21 0.00	55.43 3.19 0.00	58.36 3.30 0.00	63.53 3.19 -5.42	74.40 3.74 -5.02	84.76 4.72 0.00	76.80 4.14 0.00	69.41 3.74 0.00	65.88 3.55 0.00	60.12 3.19 0.00	56.20 2.62 0.00	49.47 2.18 0.00
CH_MISC_IPPS 23765	51.03 2.73 -0.40	46.98 2.41 0.00	44.37 2.27 -0.06	43.45 2.15 0.00	44.26 2.15 0.00	51.32 2.22 -7.17	72.30 3.74 -0.54	78.48 4.20 -0.61	70.64 3.92 -0.27	62.78 3.78 0.00	60.22 3.63 0.00	57.43 3.50 0.00	56.15 3.53 0.00	55.74 3.50 0.00	58.64 3.58 0.00	63.71 3.46 -5.33	74.71 4.14 -4.93	85.24 5.20 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.41 3.47 0.00	56.52 2.94 0.00	49.75 2.46 0.00
CH_RES_BVR_FALLS 23983	46.56 -1.34 0.00	43.15 -1.43 0.00	40.69 -1.35 0.00	40.02 -1.28 0.00	40.81 -1.31 0.00	40.76 -1.17 0.00	65.78 -2.24 0.00	70.58 -3.09 0.00	63.93 -2.53 0.00	56.35 -2.65 0.00	54.50 -2.09 0.00	51.82 -2.10 0.00	50.52 -2.11 0.00	50.15 -2.09 0.00	52.86 -2.20 0.00	53.05 -1.87 0.00	63.01 -2.63 0.00	76.75 -3.28 0.00	69.97 -2.69 0.00	63.43 -2.23 0.00	60.46 -1.87 0.00	55.63 -1.31 0.00	52.98 -0.59 0.00	46.82 -0.47 0.00
CH_RES_NIAGARA 23895	44.64 -3.30 -0.05	42.48 -2.10 0.00	39.73 -2.31 -0.01	38.74 -2.56 0.00	39.42 -2.70 0.00	39.94 -2.94 -0.94	62.31 -5.78 -0.07	66.90 -6.85 -0.08	59.38 -7.11 -0.04	53.69 -5.31 0.00	51.22 -5.38 0.00	48.64 -5.28 0.00	46.99 -5.63 0.00	46.96 -5.28 0.00	49.50 -5.56 0.00	50.31 -5.44 -0.83	60.30 -6.10 -0.77	72.51 -7.52 0.00	65.98 -6.68 0.00	58.97 -6.70 0.00	56.34 -5.98 0.00	52.32 -4.61 0.00	50.46 -3.11 0.00	45.21 -2.08 0.00
CH_RES_SYRACUSE 23985	47.37 -0.57 -0.04	44.09 -0.49 0.00	41.54 -0.50 -0.01	40.76 -0.54 0.00	41.65 -0.46 0.00	42.18 -0.50 -0.75	67.40 -0.68 -0.06	73.14 -0.59 -0.06	65.81 -0.66 -0.03	58.53 -0.47 0.00	56.09 -0.51 0.00	53.38 -0.54 0.00	52.04 -0.58 0.00	51.72 -0.52 0.00	54.51 -0.55 0.00	54.77 -0.72 -0.57	65.45 -0.72 -0.53	79.16 -0.88 0.00	71.79 -0.87 0.00	64.81 -0.86 0.00	61.58 -0.75 0.00	56.31 -0.63 0.00	53.09 -0.48 0.00	46.87 -0.43 0.00
CLINTON_WT_PWR 323605	46.89 -1.01 0.00	43.24 -1.34 0.00	40.69 -1.35 0.00	40.02 -1.28 0.00	40.77 -1.35 0.00	40.80 -1.13 0.00	65.64 -2.38 0.00	69.99 -3.68 0.00	63.86 -2.59 0.00	55.81 -3.19 0.00	54.39 -2.21 0.00	51.50 -2.43 0.00	49.94 -2.68 0.00	49.42 -2.82 0.00	52.03 -3.03 0.00	52.56 -2.36 0.00	61.97 -3.67 0.00	75.48 -4.56 0.00	69.10 -3.56 0.00	62.78 -2.89 0.00	59.96 -2.37 0.00	55.40 -1.53 0.00	53.36 -0.21 0.00	47.06 -0.24 0.00
CLINTON___LFGE 323618	47.32 -0.57 0.00	43.64 -0.94 0.00	41.07 -0.97 0.00	40.43 -0.87 0.00	41.19 -0.93 0.00	41.22 -0.71 0.00	66.26 -1.77 0.00	70.64 -3.02 0.00	64.52 -1.93 0.00	56.29 -2.71 0.00	54.90 -1.70 0.00	51.93 -1.99 0.00	50.41 -2.21 0.00	49.84 -2.40 0.00	52.53 -2.53 0.00	53.11 -1.81 0.00	62.56 -3.08 0.00	76.28 -3.76 0.00	70.05 -2.61 0.00	63.63 -2.04 0.00	60.77 -1.56 0.00	56.08 -0.85 0.00	54.11 0.54 0.00	47.67 0.38 0.00
COBBLENY_34_KV_TB1 80064	44.94 -3.02 -0.06	43.15 -1.43 0.00	40.32 -1.72 -0.01	40.02 -1.28 0.00	40.73 -1.39 0.00	40.35 -2.64 -1.06	63.82 -4.29 -0.08	68.82 -4.94 -0.09	61.84 -4.65 -0.04	55.64 -3.36 0.00	53.03 -3.57 0.00	50.31 -3.61 0.00	48.57 -4.05 0.00	48.53 -3.71 0.00	51.21 -3.85 0.00	51.58 -4.28 -0.95	61.92 -4.59 -0.88	75.95 -4.08 0.00	69.10 -3.56 0.00	61.60 -4.07 0.00	58.96 -3.37 0.00	54.54 -2.39 0.00	52.50 -1.07 0.00	46.91 -0.38 0.00
COFFEEN___115KV_TB3 355620	47.73 -0.19 -0.02	44.58 0.00 0.00	42.12 0.08 0.00	41.34 0.04 0.00	42.29 0.17 0.00	42.33 0.00 -0.39	68.33 0.27 -0.03	74.51 0.81 -0.03	66.86 0.40 -0.01	58.53 -0.47 0.00	56.09 -0.51 0.00	53.33 -0.59 0.00	51.94 -0.68 0.00	51.66 -0.57 0.00	54.46 -0.61 0.00	54.67 -0.55 -0.30	65.13 -0.79 -0.28	80.04 0.00 0.00	72.88 0.22 0.00	66.19 0.53 0.00	63.32 1.00 0.00	57.90 0.97 0.00	54.75 1.18 0.00	48.24 0.95 0.00
COLDSPRG_115KV_BK1 355956	45.18 -2.78 -0.06	43.95 -0.62 0.00	40.99 -1.05 -0.01	40.60 -0.70 0.00	41.40 -0.72 0.00	40.74 -2.31 -1.11	65.05 -3.06 -0.08	70.52 -3.24 -0.10	63.70 -2.79 -0.04	56.94 -2.07 0.00	54.16 -2.43 0.00	51.34 -2.59 0.00	49.41 -3.21 0.00	49.42 -2.82 0.00	52.20 -2.86 0.00	52.36 -3.57 -1.02	63.30 -3.28 -0.94	78.92 -1.12 0.00	71.79 -0.87 0.00	63.96 -1.71 0.00	61.27 -1.06 0.00	56.42 -0.51 0.00	54.21 0.64 0.00	48.29 0.99 0.00
COLONIE_LFGE___ 323577	50.08 1.68 -0.51	46.23 1.65 0.00	43.71 1.60 -0.08	42.91 1.61 0.00	43.72 1.60 0.00	52.59 1.59 -9.07	71.35 2.65 -0.68	77.31 2.87 -0.78	69.31 2.52 -0.34	60.83 1.83 0.00	58.35 1.76 0.00	55.60 1.67 0.00	54.25 1.63 0.00	53.75 1.52 0.00	56.71 1.65 0.00	63.70 2.03 -6.75	74.45 2.56 -6.25	83.24 3.20 0.00	75.49 2.83 0.00	68.23 2.56 0.00	64.45 2.12 0.00	58.64 1.71 0.00	54.96 1.39 0.00	48.57 1.28 0.00
COOPERNY_115KV_TB1 80082	49.98 1.77 -0.31	46.14 1.56 0.00	43.56 1.47 -0.05	42.66 1.36 0.00	43.51 1.39 0.00	48.82 1.43 -5.46	70.81 2.38 -0.41	76.79 2.65 -0.47	69.18 2.53 -0.20	61.42 2.42 0.00	58.86 2.26 0.00	56.19 2.26 0.00	54.88 2.26 0.00	54.49 2.25 0.00	57.37 2.31 0.00	61.17 2.20 -4.06	72.02 2.63 -3.76	83.40 3.36 0.00	75.64 2.98 0.00	68.29 2.63 0.00	64.88 2.56 0.00	59.21 2.28 0.00	55.50 1.93 0.00	48.85 1.56 0.00
COPENHAGEN_WT_PWR 323753	47.35 -0.57 -0.02	44.22 -0.36 0.00	41.79 -0.25 0.00	41.01 -0.29 0.00	41.95 -0.17 0.00	42.00 -0.34 -0.41	67.72 -0.34 -0.03	73.63 -0.07 -0.03	66.27 -0.20 -0.02	58.12 -0.88 0.00	55.69 -0.91 0.00	53.01 -0.92 0.00	51.62 -1.00 0.00	51.35 -0.89 0.00	54.12 -0.94 0.00	54.35 -0.88 -0.31	64.68 -1.25 -0.29	79.24 -0.80 0.00	72.08 -0.58 0.00	65.47 -0.20 0.00	62.64 0.31 0.00	57.33 0.40 0.00	54.22 0.65 0.00	47.77 0.47 0.00
CORNELL_____ 23752	48.37 0.38 -0.09	45.16 0.58 0.00	42.51 0.46 -0.01	41.76 0.45 0.00	42.66 0.55 0.00	44.02 0.42 -1.67	69.03 0.88 -0.12	74.92 1.11 -0.14	67.38 0.86 -0.06	59.83 0.83 0.00	57.05 0.45 0.00	54.30 0.38 0.00	52.89 0.26 0.00	52.60 0.37 0.00	55.50 0.44 0.00	56.43 0.22 -1.29	67.43 0.59 -1.19	81.16 1.12 0.00	73.82 1.16 0.00	66.59 0.92 0.00	63.32 1.00 0.00	57.90 0.97 0.00	54.59 1.02 0.00	48.19 0.90 0.00

CORONA__69_KV_TB1 355595	52.52 4.21 -0.41	48.10 3.52 0.00	45.25 3.15 -0.06	44.23 2.93 0.00	45.19 3.07 0.00	52.46 3.35 -7.17	72.03 3.47 -0.54	78.55 4.27 -0.61	70.84 4.12 -0.27	63.54 4.54 0.00	61.07 4.47 0.00	58.99 5.07 0.00	57.90 5.26 -0.01	57.37 5.12 -0.01	60.40 5.34 0.00	64.92 4.67 -5.34	76.09 5.51 -4.94	86.44 6.40 0.00	79.06 6.39 0.00	71.18 5.52 0.00	67.37 5.05 0.00	61.32 4.38 0.00	57.59 4.02 0.00	50.84 3.55 0.00
CORTLAND__115KV_TB3 80093	48.17 0.19 -0.08	44.89 0.31 0.00	42.26 0.21 -0.01	41.51 0.21 0.00	42.41 0.29 0.00	43.53 0.21 -1.39	68.67 0.54 -0.10	74.45 0.66 -0.12	67.03 0.53 -0.05	59.53 0.53 0.00	56.94 0.34 0.00	54.19 0.27 0.00	52.83 0.21 0.00	52.50 0.26 0.00	55.39 0.33 0.00	55.90 -0.05 -1.03	66.73 0.13 -0.96	80.52 0.48 0.00	73.10 0.44 0.00	66.00 0.33 0.00	62.70 0.37 0.00	57.33 0.40 0.00	54.05 0.48 0.00	47.72 0.43 0.00
COXSACKIE__GT 23611	50.76 2.39 -0.47	47.39 2.81 0.00	44.84 2.73 -0.08	43.98 2.68 0.00	44.82 2.70 0.00	52.50 2.14 -8.43	72.67 4.01 -0.63	79.62 5.23 -0.72	71.08 4.32 -0.31	62.24 3.24 0.00	59.26 2.66 0.00	56.08 2.16 0.00	54.67 2.05 0.00	54.22 1.98 0.00	57.37 2.31 0.00	63.51 2.31 -6.29	74.68 3.22 -5.82	85.40 5.36 0.00	77.32 4.65 0.00	69.93 4.27 0.00	66.25 3.93 0.00	60.41 3.47 0.00	56.57 3.00 0.00	49.94 2.65 0.00
CPV_VALLEY__CC1 323721	50.35 2.11 -0.35	46.40 1.83 0.00	43.81 1.72 -0.06	42.91 1.61 0.00	43.72 1.60 0.00	49.90 1.72 -6.25	71.28 2.79 -0.47	77.37 3.17 -0.53	69.60 2.92 -0.23	61.89 2.89 0.00	59.31 2.72 0.00	56.62 2.70 0.00	55.36 2.73 0.00	54.95 2.71 0.00	57.81 2.75 0.00	62.20 2.64 -4.64	73.09 3.15 -4.30	84.04 4.00 0.00	76.22 3.56 0.00	68.82 3.15 0.00	65.38 3.05 0.00	59.61 2.68 0.00	55.82 2.25 0.00	49.14 1.84 0.00
CPV_VALLEY__CC2 323722	50.35 2.11 -0.35	46.40 1.83 0.00	43.81 1.72 -0.06	42.91 1.61 0.00	43.72 1.60 0.00	49.90 1.72 -6.25	71.28 2.79 -0.47	77.37 3.17 -0.53	69.60 2.92 -0.23	61.89 2.89 0.00	59.31 2.72 0.00	56.62 2.70 0.00	55.36 2.73 0.00	54.95 2.71 0.00	57.81 2.75 0.00	62.20 2.64 -4.64	73.09 3.15 -4.30	84.04 4.00 0.00	76.22 3.56 0.00	68.82 3.15 0.00	65.38 3.05 0.00	59.61 2.68 0.00	55.82 2.25 0.00	49.14 1.84 0.00
CRESCENT__HYD 24018	50.08 1.68 -0.51	46.23 1.65 0.00	43.71 1.60 -0.08	42.91 1.61 0.00	43.72 1.60 0.00	52.59 1.59 -9.07	71.35 2.65 -0.68	77.31 2.87 -0.78	69.31 2.52 -0.34	60.83 1.83 0.00	58.35 1.76 0.00	55.60 1.67 0.00	54.25 1.63 0.00	53.75 1.52 0.00	56.71 1.65 0.00	63.70 2.03 -6.75	74.45 2.56 -6.25	83.24 3.20 0.00	75.49 2.83 0.00	68.23 2.56 0.00	64.45 2.12 0.00	58.64 1.71 0.00	54.96 1.39 0.00	48.57 1.28 0.00
CRICKET__VALLEY_CC1 323756	50.23 1.92 -0.42	46.23 1.65 0.00	43.66 1.56 -0.07	42.79 1.48 0.00	43.55 1.43 0.00	50.95 1.55 -7.47	71.10 2.52 -0.56	77.18 2.87 -0.64	69.45 2.73 -0.28	61.72 2.72 0.00	59.20 2.60 0.00	56.51 2.59 0.00	55.25 2.63 0.00	54.85 2.61 0.00	57.70 2.64 0.00	63.00 2.53 -5.56	73.74 2.96 -5.14	83.72 3.68 0.00	75.93 3.27 0.00	68.62 2.96 0.00	65.13 2.81 0.00	59.38 2.45 0.00	55.55 1.98 0.00	48.90 1.61 0.00
CRICKET__VALLEY_CC2 323757	50.23 1.92 -0.42	46.23 1.65 0.00	43.66 1.56 -0.07	42.79 1.48 0.00	43.55 1.43 0.00	50.95 1.55 -7.47	71.10 2.52 -0.56	77.18 2.87 -0.64	69.45 2.73 -0.28	61.72 2.72 0.00	59.20 2.60 0.00	56.51 2.59 0.00	55.25 2.63 0.00	54.85 2.61 0.00	57.70 2.64 0.00	63.00 2.53 -5.56	73.74 2.96 -5.14	83.72 3.68 0.00	75.93 3.27 0.00	68.62 2.96 0.00	65.13 2.81 0.00	59.38 2.45 0.00	55.55 1.98 0.00	48.90 1.61 0.00
CRICKET__VALLEY_CC3 323758	50.23 1.92 -0.42	46.23 1.65 0.00	43.66 1.56 -0.07	42.79 1.48 0.00	43.55 1.43 0.00	50.95 1.55 -7.47	71.10 2.52 -0.56	77.18 2.87 -0.64	69.45 2.73 -0.28	61.72 2.72 0.00	59.20 2.60 0.00	56.51 2.59 0.00	55.25 2.63 0.00	54.85 2.61 0.00	57.70 2.64 0.00	63.00 2.53 -5.56	73.74 2.96 -5.14	83.72 3.68 0.00	75.93 3.27 0.00	68.62 2.96 0.00	65.13 2.81 0.00	59.38 2.45 0.00	55.55 1.98 0.00	48.90 1.61 0.00
CRUCIBLE__METL_DRP 24180	47.36 -0.57 -0.04	44.09 -0.49 0.00	41.54 -0.50 -0.01	40.76 -0.54 0.00	41.65 -0.46 0.00	42.18 -0.50 -0.75	67.40 -0.68 -0.06	73.07 -0.66 -0.06	65.81 -0.66 -0.03	58.53 -0.47 0.00	56.14 -0.45 0.00	53.38 -0.54 0.00	52.04 -0.58 0.00	51.72 -0.52 0.00	54.51 -0.55 0.00	54.77 -0.71 -0.57	65.45 -0.72 -0.53	79.16 -0.88 0.00	71.79 -0.87 0.00	64.81 -0.85 0.00	61.58 -0.75 0.00	56.31 -0.63 0.00	53.09 -0.48 0.00	46.87 -0.43 0.00
DAHOWA__HYDRO 323763	51.14 2.73 -0.52	47.25 2.67 0.00	44.64 2.52 -0.08	43.82 2.52 0.00	44.69 2.57 0.00	53.77 2.60 -9.24	73.13 4.42 -0.69	79.39 4.94 -0.79	71.05 4.26 -0.34	62.36 3.36 0.00	59.71 3.11 0.00	56.73 2.80 0.00	55.25 2.63 0.00	54.75 2.51 0.00	57.81 2.75 0.00	64.90 3.13 -6.85	75.92 3.94 -6.34	85.00 4.96 0.00	77.17 4.51 0.00	69.67 4.01 0.00	66.06 3.74 0.00	60.06 3.13 0.00	56.36 2.78 0.00	49.66 2.36 0.00
DANC__LFGE 323619	46.91 -1.01 -0.03	43.78 -0.80 0.00	41.32 -0.71 0.00	40.56 -0.74 0.00	41.44 -0.68 0.00	41.65 -0.75 -0.48	66.97 -1.09 -0.04	72.75 -0.96 -0.04	65.47 -0.99 -0.02	57.70 -1.30 0.00	55.30 -1.30 0.00	52.63 -1.29 0.00	51.31 -1.31 0.00	50.98 -1.25 0.00	53.74 -1.32 0.00	53.96 -1.32 -0.36	64.34 -1.64 -0.33	78.51 -1.52 0.00	71.36 -1.31 0.00	64.68 -0.98 0.00	61.76 -0.56 0.00	56.59 -0.34 0.00	53.46 -0.11 0.00	47.15 -0.14 0.00
DANSKAMMER__1 23586	51.03 2.73 -0.40	46.98 2.41 0.00	44.37 2.27 -0.06	43.45 2.15 0.00	44.26 2.15 0.00	51.32 2.22 -7.17	72.30 3.74 -0.54	78.48 4.20 -0.61	70.64 3.92 -0.27	62.78 3.78 0.00	60.22 3.63 0.00	57.43 3.50 0.00	56.15 3.53 0.00	55.74 3.50 0.00	58.64 3.58 0.00	63.71 3.46 -5.33	74.71 4.14 -4.93	85.24 5.20 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.41 3.47 0.00	56.52 2.94 0.00	49.75 2.46 0.00
DANSKAMMER__2 23589	51.03 2.73 -0.40	46.98 2.41 0.00	44.37 2.27 -0.06	43.45 2.15 0.00	44.26 2.15 0.00	51.32 2.22 -7.17	72.30 3.74 -0.54	78.48 4.20 -0.61	70.64 3.92 -0.27	62.78 3.78 0.00	60.22 3.63 0.00	57.43 3.50 0.00	56.15 3.53 0.00	55.74 3.50 0.00	58.64 3.58 0.00	63.71 3.46 -5.33	74.71 4.14 -4.93	85.24 5.20 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.41 3.47 0.00	56.52 2.94 0.00	49.75 2.46 0.00
DANSKAMMER__3 23590	51.03 2.73 -0.40	46.98 2.41 0.00	44.37 2.27 -0.06	43.45 2.15 0.00	44.26 2.15 0.00	51.32 2.22 -7.17	72.30 3.74 -0.54	78.48 4.20 -0.61	70.64 3.92 -0.27	62.78 3.78 0.00	60.22 3.63 0.00	57.43 3.50 0.00	56.15 3.53 0.00	55.74 3.50 0.00	58.64 3.58 0.00	63.71 3.46 -5.33	74.71 4.14 -4.93	85.24 5.20 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.41 3.47 0.00	56.52 2.94 0.00	49.75 2.46 0.00

DANSKAMMER___4 23591	51.03 2.73 -0.40	46.98 2.41 0.00	44.37 2.27 -0.06	43.45 2.15 0.00	44.26 2.15 0.00	51.32 2.22 -7.17	72.30 3.74 -0.54	78.48 4.20 -0.61	70.64 3.92 -0.27	62.78 3.78 0.00	60.22 3.63 0.00	57.43 3.50 0.00	56.15 3.53 0.00	55.74 3.50 0.00	58.64 3.58 0.00	63.71 3.46 -5.33	74.71 4.14 -4.93	85.24 5.20 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.41 3.47 0.00	56.52 2.94 0.00	49.75 2.46 0.00
DANSKAMMER___DIESEL 23592	51.03 2.73 -0.40	46.98 2.41 0.00	44.37 2.27 -0.06	43.45 2.15 0.00	44.31 2.19 0.00	51.32 2.22 -7.17	72.30 3.74 -0.54	78.41 4.13 -0.61	70.71 3.99 -0.27	62.78 3.78 0.00	60.22 3.62 0.00	57.43 3.51 0.00	56.15 3.53 0.00	55.74 3.50 0.00	58.64 3.58 0.00	63.71 3.46 -5.33	74.71 4.14 -4.93	85.24 5.20 0.00	77.17 4.51 0.00	69.80 4.14 0.00	66.25 3.93 0.00	60.41 3.47 0.00	56.52 2.95 0.00	49.75 2.46 0.00
DARBY___SOLAR 323810	50.90 2.49 -0.52	47.03 2.45 0.00	44.43 2.31 -0.08	43.61 2.31 0.00	44.43 2.31 0.00	53.53 2.39 -9.21	72.73 4.01 -0.69	78.95 4.49 -0.79	70.65 3.85 -0.34	62.01 3.01 0.00	59.37 2.77 0.00	56.41 2.48 0.00	54.99 2.37 0.00	54.53 2.30 0.00	57.60 2.53 0.00	64.61 2.85 -6.84	75.58 3.61 -6.33	84.60 4.56 0.00	76.80 4.14 0.00	69.34 3.68 0.00	65.69 3.36 0.00	59.78 2.85 0.00	56.09 2.52 0.00	49.42 2.13 0.00
DASHVILLE___HYD 23610	50.04 1.72 -0.42	46.49 1.92 0.00	43.91 1.81 -0.07	42.99 1.69 0.00	43.84 1.73 0.00	50.67 1.34 -7.40	70.96 2.38 -0.55	76.95 2.65 -0.63	69.85 3.12 -0.28	62.01 3.01 0.00	59.37 2.77 0.00	56.62 2.70 0.00	55.36 2.74 0.00	54.90 2.66 0.00	57.81 2.75 0.00	62.68 2.25 -5.51	73.50 2.76 -5.10	84.12 4.08 0.00	76.22 3.56 0.00	68.95 3.28 0.00	65.44 3.12 0.00	59.72 2.79 0.00	55.87 2.30 0.00	49.18 1.89 0.00
DELAWARE___LFGE 323621	49.32 1.25 -0.18	45.78 1.20 0.00	43.20 1.13 -0.03	42.38 1.07 0.00	43.21 1.10 0.00	46.27 1.09 -3.25	70.17 1.90 -0.24	75.94 1.99 -0.28	68.43 1.86 -0.12	60.71 1.71 0.00	58.24 1.64 0.00	55.54 1.62 0.00	54.20 1.58 0.00	53.86 1.62 0.00	56.77 1.71 0.00	58.91 1.59 -2.40	69.71 1.84 -2.23	82.44 2.40 0.00	74.84 2.18 0.00	67.64 1.97 0.00	64.26 1.93 0.00	58.64 1.71 0.00	55.07 1.50 0.00	48.57 1.28 0.00
DERFIELD_115KV_TB7 355931	48.04 0.14 0.00	44.71 0.13 0.00	42.20 0.17 0.00	41.47 0.17 0.00	42.29 0.17 0.00	42.10 0.17 0.00	68.30 0.27 0.00	73.96 0.29 0.00	66.72 0.27 0.00	59.18 0.18 0.00	56.77 0.17 0.00	54.14 0.22 0.00	52.83 0.21 0.00	52.45 0.21 0.00	55.28 0.22 0.00	55.14 0.22 0.00	65.84 0.20 0.00	80.28 0.24 0.00	72.88 0.22 0.00	65.93 0.26 0.00	62.57 0.25 0.00	57.10 0.17 0.00	53.73 0.16 0.00	47.43 0.14 0.00
DOGLEVILLE___HYD 23807	50.58 2.68 0.00	47.16 2.59 0.00	44.47 2.44 0.00	43.74 2.44 0.00	44.64 2.53 0.00	44.28 2.35 0.00	71.97 3.95 0.00	77.94 4.27 0.00	70.24 3.79 0.00	62.31 3.30 0.00	59.82 3.23 0.00	57.05 3.13 0.00	55.62 3.00 0.00	55.22 2.98 0.00	58.09 3.03 0.00	57.88 2.97 0.00	69.05 3.41 0.00	84.20 4.16 0.00	76.37 3.71 0.00	69.02 3.35 0.00	65.50 3.18 0.00	59.84 2.90 0.00	56.30 2.73 0.00	49.75 2.46 0.00
DUNKIRK__115KV_TB_200 55889	45.23 -2.73 -0.06	43.46 -1.11 0.00	40.57 -1.47 -0.01	40.19 -1.12 0.00	40.98 -1.14 0.00	40.69 -2.31 -1.07	64.84 -3.27 -0.08	70.08 -3.68 -0.09	62.70 -3.79 -0.04	56.23 -2.77 0.00	53.43 -3.17 0.00	50.63 -3.29 0.00	48.83 -3.79 0.00	48.84 -3.40 0.00	51.59 -3.47 0.00	52.31 -3.57 -0.96	63.18 -3.35 -0.89	77.87 -2.16 0.00	70.84 -1.82 0.00	63.24 -2.43 0.00	60.52 -1.81 0.00	55.85 -1.08 0.00	53.62 0.05 0.00	47.81 0.52 0.00
DUNKIRK___1 23563	45.23 -2.73 -0.06	43.46 -1.11 0.00	40.57 -1.47 -0.01	40.19 -1.12 0.00	40.98 -1.14 0.00	40.69 -2.31 -1.07	64.84 -3.27 -0.08	70.08 -3.68 -0.09	62.70 -3.79 -0.04	56.23 -2.77 0.00	53.43 -3.17 0.00	50.63 -3.29 0.00	48.83 -3.79 0.00	48.84 -3.40 0.00	51.59 -3.47 0.00	52.31 -3.57 -0.96	63.18 -3.35 -0.89	77.87 -2.16 0.00	70.84 -1.82 0.00	63.24 -2.43 0.00	60.52 -1.81 0.00	55.85 -1.08 0.00	53.62 0.05 0.00	47.81 0.52 0.00
DUNKIRK___2 23564	45.23 -2.73 -0.06	43.46 -1.11 0.00	40.57 -1.47 -0.01	40.19 -1.12 0.00	40.98 -1.14 0.00	40.69 -2.31 -1.07	64.84 -3.27 -0.08	70.08 -3.68 -0.09	62.70 -3.79 -0.04	56.23 -2.77 0.00	53.43 -3.17 0.00	50.63 -3.29 0.00	48.83 -3.79 0.00	48.84 -3.40 0.00	51.59 -3.47 0.00	52.31 -3.57 -0.96	63.18 -3.35 -0.89	77.87 -2.16 0.00	70.84 -1.82 0.00	63.24 -2.43 0.00	60.52 -1.81 0.00	55.85 -1.08 0.00	53.62 0.05 0.00	47.81 0.52 0.00
DUNKIRK___3 23565	45.08 -2.87 -0.06	43.33 -1.25 0.00	40.45 -1.60 -0.01	40.06 -1.24 0.00	40.85 -1.26 0.00	40.57 -2.43 -1.07	64.43 -3.67 -0.08	69.63 -4.13 -0.09	62.37 -4.12 -0.04	55.93 -3.07 0.00	53.20 -3.40 0.00	50.47 -3.45 0.00	48.68 -3.95 0.00	48.63 -3.60 0.00	51.37 -3.69 0.00	52.08 -3.79 -0.96	62.85 -3.68 -0.89	77.31 -2.72 0.00	70.34 -2.33 0.00	62.78 -2.89 0.00	60.08 -2.24 0.00	55.45 -1.48 0.00	53.20 -0.37 0.00	47.48 0.19 0.00
DUNKIRK___4 23566	45.08 -2.87 -0.06	43.33 -1.25 0.00	40.45 -1.60 -0.01	40.06 -1.24 0.00	40.85 -1.26 0.00	40.57 -2.43 -1.07	64.43 -3.67 -0.08	69.63 -4.13 -0.09	62.37 -4.12 -0.04	55.93 -3.07 0.00	53.20 -3.40 0.00	50.47 -3.45 0.00	48.68 -3.95 0.00	48.63 -3.60 0.00	51.37 -3.69 0.00	52.08 -3.79 -0.96	62.85 -3.68 -0.89	77.31 -2.72 0.00	70.34 -2.33 0.00	62.78 -2.89 0.00	60.08 -2.24 0.00	55.45 -1.48 0.00	53.20 -0.37 0.00	47.48 0.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.17 2.87 -0.40	47.12 2.54 0.00	44.50 2.40 -0.06	43.49 2.19 0.00	44.35 2.23 0.00	51.45 2.35 -7.17	72.30 3.74 -0.54	78.55 4.27 -0.61	70.84 4.12 -0.27	63.07 4.07 0.00	60.45 3.85 0.00	57.81 3.88 0.00	56.52 3.89 0.00	56.10 3.87 0.00	58.97 3.91 0.00	63.99 3.73 -5.33	74.98 4.40 -4.94	85.56 5.52 0.00	77.60 4.94 0.00	70.07 4.40 0.00	66.56 4.24 0.00	60.69 3.76 0.00	56.68 3.11 0.00	49.89 2.60 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.78 2.49 -0.39	46.76 2.18 0.00	44.16 2.06 -0.06	43.24 1.94 0.00	44.10 1.98 0.00	50.94 2.05 -6.96	71.95 3.40 -0.52	78.02 3.76 -0.59	70.30 3.59 -0.26	62.48 3.48 0.00	59.88 3.28 0.00	57.11 3.18 0.00	55.83 3.21 0.00	55.43 3.19 0.00	58.31 3.25 0.00	63.22 3.13 -5.17	74.24 3.81 -4.79	84.84 4.80 0.00	76.88 4.21 0.00	69.48 3.81 0.00	66.00 3.68 0.00	60.18 3.25 0.00	56.25 2.68 0.00	49.52 2.22 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.71 3.40 -0.41	47.62 3.03 -0.01	44.97 2.86 -0.07	43.95 2.64 -0.01	44.86 2.74 -0.01	51.88 2.77 -7.18	72.71 4.15 -0.54	78.78 4.49 -0.61	70.79 4.05 -0.28	67.07 3.78 -4.29	60.57 3.96 -0.01	57.60 3.67 -0.01	56.37 3.74 -0.01	55.91 3.66 -0.01	58.81 3.74 0.00	64.10 3.84 -5.34	74.91 4.33 -4.94	85.64 5.60 0.00	77.53 4.87 0.00	70.20 4.53 0.00	66.77 4.43 -0.02	60.88 3.93 -0.02	56.89 3.32 0.00	50.22 2.93 0.00

E179THST_13_KV_LOAD 356214	51.90 3.59 -0.41	47.79 3.21 -0.01	45.13 3.03 -0.07	44.12 2.81 -0.01	44.99 2.86 -0.01	52.05 2.94 -7.18	73.05 4.49 -0.54	79.07 4.79 -0.61	71.12 4.39 -0.28	67.36 4.07 -4.29	60.79 4.19 -0.01	57.81 3.88 -0.01	56.58 3.95 -0.01	56.17 3.92 -0.01	59.03 3.96 0.00	64.37 4.12 -5.34	75.24 4.66 -4.94	86.04 6.00 0.00	77.97 5.30 0.00	70.53 4.86 0.00	67.08 4.74 -0.02	61.10 4.16 -0.02	57.16 3.59 0.00	50.41 3.12 0.00
EAST HAMPTON___GT 23717	54.96 6.66 -0.41	50.24 5.66 0.00	47.18 5.08 -0.06	46.17 4.87 0.00	47.13 5.01 0.00	54.52 5.41 -7.17	74.75 6.19 -0.54	81.87 7.59 -0.61	73.16 6.44 -0.27	65.96 6.96 0.00	63.56 6.96 0.00	61.31 7.39 0.00	59.74 7.10 -0.02	58.94 6.69 -0.02	61.82 6.72 -0.04	65.86 5.60 -5.34	77.14 6.56 -4.94	86.92 6.88 0.00	80.00 7.34 0.00	71.64 5.97 0.00	67.50 5.17 0.00	61.38 4.44 0.00	57.54 3.96 0.00	51.17 3.88 0.00
EAST RIVER___6 23660	51.22 2.92 -0.40	47.12 2.54 0.00	44.45 2.35 -0.06	43.45 2.15 0.00	44.31 2.19 0.00	51.45 2.35 -7.17	72.50 3.94 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.63 4.37 -4.26	61.37 4.19 -0.58	64.15 4.15 -6.07	64.08 4.21 -7.25	63.92 4.13 -7.56	64.04 4.24 -4.74	66.75 4.06 -7.77	75.31 4.73 -4.94	86.04 6.01 0.00	77.90 5.23 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.82 3.87 -0.02	56.79 3.21 -0.01	50.04 2.74 -0.01
EAST RIVER___7 23524	51.22 2.92 -0.40	47.12 2.54 0.00	44.45 2.35 -0.06	43.45 2.15 0.00	44.31 2.19 0.00	51.45 2.35 -7.17	72.50 3.94 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.63 4.37 -4.26	61.37 4.19 -0.58	64.15 4.15 -6.07	64.08 4.21 -7.25	63.92 4.13 -7.56	64.04 4.24 -4.74	66.75 4.06 -7.77	75.31 4.73 -4.94	86.04 6.01 0.00	77.90 5.23 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.82 3.87 -0.02	56.79 3.21 -0.01	50.04 2.74 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.08 2.78 -0.40	47.03 2.45 0.00	44.41 2.31 -0.06	43.41 2.11 0.00	44.31 2.19 0.00	51.35 2.26 -7.16	72.23 3.67 -0.53	78.41 4.13 -0.61	70.70 3.99 -0.27	62.84 3.84 0.00	60.28 3.68 0.00	57.59 3.67 0.00	56.36 3.74 0.00	55.95 3.71 0.00	58.81 3.74 0.00	63.81 3.57 -5.32	74.84 4.27 -4.93	85.40 5.36 0.00	77.38 4.72 0.00	69.94 4.27 0.00	66.44 4.11 0.00	60.52 3.59 0.00	56.57 3.00 0.00	49.75 2.46 0.00
EAST_HAMPTON___DIESEL 23722	54.96 6.66 -0.41	50.28 5.71 0.00	47.18 5.08 -0.06	46.17 4.87 0.00	47.13 5.01 0.00	54.52 5.41 -7.17	74.81 6.25 -0.54	81.87 7.59 -0.61	73.16 6.44 -0.27	65.96 6.96 0.00	63.56 6.96 0.00	61.26 7.33 0.00	59.69 7.05 -0.02	58.84 6.58 -0.02	61.76 6.66 -0.04	65.74 5.49 -5.34	77.02 6.44 -4.94	86.76 6.72 0.00	79.86 7.20 0.00	71.45 5.78 0.00	67.31 4.99 0.00	61.26 4.32 0.00	57.38 3.80 0.00	51.08 3.78 0.00
EAST_POINT___SOLAR 323840	50.20 1.72 -0.59	46.27 1.69 0.00	43.73 1.60 -0.09	42.83 1.53 0.00	43.76 1.64 0.00	54.34 1.93 -10.48	71.87 3.06 -0.78	77.88 3.32 -0.90	68.17 1.33 -0.39	59.24 0.24 0.00	57.16 0.57 0.00	54.35 0.43 0.00	52.94 0.32 0.00	53.02 0.78 0.00	56.38 1.32 0.00	64.59 1.92 -7.75	75.25 2.43 -7.18	83.40 3.36 0.00	76.44 3.78 0.00	68.95 3.28 0.00	65.38 3.05 0.00	59.89 2.96 0.00	56.09 2.52 0.00	49.23 1.94 0.00
EAST_PULASKI___ESR 323781	46.68 -1.25 -0.03	43.46 -1.11 0.00	40.99 -1.05 0.00	40.27 -1.03 0.00	41.11 -1.01 0.00	41.43 -1.05 -0.54	66.50 -1.56 -0.04	72.16 -1.55 -0.05	64.95 -1.53 -0.02	57.53 -1.47 0.00	55.12 -1.47 0.00	52.41 -1.51 0.00	51.15 -1.47 0.00	50.78 -1.46 0.00	53.58 -1.48 0.00	53.79 -1.54 -0.41	64.25 -1.77 -0.38	78.04 -2.00 0.00	70.92 -1.74 0.00	64.16 -1.51 0.00	61.08 -1.25 0.00	55.96 -0.97 0.00	52.82 -0.75 0.00	46.58 -0.71 0.00
EAST_RIVER___1 323558	51.37 3.07 -0.40	47.25 2.67 0.00	44.62 2.52 -0.06	43.61 2.31 0.00	44.47 2.36 0.00	51.58 2.47 -7.17	72.64 4.08 -0.54	78.93 4.64 -0.61	71.19 4.45 -0.28	67.69 4.43 -4.26	61.37 4.19 -0.58	64.20 4.21 -6.07	64.08 4.21 -7.25	63.97 4.18 -7.56	64.04 4.24 -4.74	66.75 4.06 -7.77	75.37 4.79 -4.94	86.04 6.01 0.00	77.96 5.30 0.00	70.40 4.73 0.00	66.89 4.55 -0.02	60.93 3.98 -0.02	56.96 3.38 -0.01	50.09 2.79 -0.01
EAST_RIVER___2 323559	51.22 2.92 -0.40	47.12 2.54 0.00	44.45 2.35 -0.06	43.45 2.15 0.00	44.31 2.19 0.00	51.45 2.35 -7.17	72.50 3.94 -0.54	78.85 4.57 -0.61	71.12 4.38 -0.28	67.63 4.37 -4.26	61.37 4.19 -0.58	64.15 4.15 -6.07	64.08 4.21 -7.25	63.92 4.13 -7.56	64.04 4.24 -4.74	66.75 4.06 -7.77	75.31 4.73 -4.94	86.04 6.01 0.00	77.90 5.23 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.82 3.87 -0.02	56.79 3.21 -0.01	50.04 2.74 -0.01
EAST___DELAWARE_HYD 23607	50.56 2.30 -0.37	46.58 2.01 0.00	43.99 1.89 -0.06	43.08 1.77 0.00	43.93 1.81 0.00	50.39 1.89 -6.57	71.78 3.27 -0.49	77.91 3.68 -0.56	70.08 3.39 -0.24	62.24 3.24 0.00	59.65 3.05 0.00	56.83 2.91 0.00	55.51 2.89 0.00	55.11 2.87 0.00	58.03 2.97 0.00	62.71 2.91 -4.88	73.70 3.54 -4.52	84.60 4.56 0.00	76.58 3.92 0.00	69.21 3.54 0.00	65.75 3.43 0.00	59.95 3.02 0.00	56.14 2.57 0.00	49.37 2.08 0.00
EIGHT_POINT___WT_PWR 323820	45.15 -2.83 -0.08	43.24 -1.34 0.00	40.49 -1.55 -0.01	39.73 -1.57 0.00	40.77 -1.35 0.00	40.88 -2.47 -1.43	64.26 -3.87 -0.11	70.84 -2.95 -0.12	62.19 -4.32 -0.05	55.40 -3.60 0.00	52.18 -4.41 0.00	49.66 -4.26 0.00	47.89 -4.74 0.00	47.96 -4.28 0.00	50.71 -4.35 0.00	53.05 -3.07 -1.20	63.94 -2.82 -1.11	77.88 -2.16 0.00	71.13 -1.53 0.00	64.03 -1.64 0.00	61.27 -1.06 0.00	56.36 -0.57 0.00	53.73 0.16 0.00	47.91 0.61 0.00
ELBRIDGE_115KV_TB2 80188	47.08 -0.86 -0.04	43.86 -0.71 0.00	41.29 -0.76 -0.01	40.56 -0.74 0.00	41.40 -0.72 0.00	42.01 -0.71 -0.79	67.06 -1.02 -0.06	72.63 -1.11 -0.07	65.42 -1.06 -0.03	58.18 -0.83 0.00	55.75 -0.85 0.00	53.01 -0.92 0.00	51.73 -0.89 0.00	51.35 -0.89 0.00	54.18 -0.88 0.00	54.48 -1.04 -0.60	65.08 -1.12 -0.56	78.68 -1.36 0.00	71.43 -1.24 0.00	64.48 -1.18 0.00	61.20 -1.12 0.00	56.02 -0.91 0.00	52.82 -0.75 0.00	46.63 -0.66 0.00
ELEC_TRO_TEK 24086	52.23 3.93 -0.41	47.87 3.30 0.00	45.04 2.94 -0.06	44.03 2.73 0.00	44.98 2.86 0.00	52.21 3.10 -7.17	71.69 3.13 -0.54	78.19 3.90 -0.61	70.51 3.79 -0.27	63.25 4.25 0.00	60.78 4.19 0.00	58.67 4.75 0.00	57.58 4.95 -0.01	57.06 4.81 -0.01	60.07 5.01 0.00	64.59 4.34 -5.34	75.70 5.12 -4.94	85.96 5.92 0.00	78.62 5.96 0.00	70.79 5.12 0.00	67.00 4.67 0.00	60.97 4.04 0.00	57.32 3.75 0.00	50.56 3.26 0.00
ELLENBURG_WT_PWR 323604	46.89 -1.01 0.00	43.24 -1.34 0.00	40.69 -1.35 0.00	40.02 -1.28 0.00	40.77 -1.35 0.00	40.80 -1.13 0.00	65.64 -2.38 0.00	69.99 -3.68 0.00	63.86 -2.59 0.00	55.81 -3.19 0.00	54.39 -2.21 0.00	51.50 -2.43 0.00	49.94 -2.68 0.00	49.42 -2.82 0.00	52.03 -3.03 0.00	52.56 -2.36 0.00	61.97 -3.67 0.00	75.48 -4.56 0.00	69.10 -3.56 0.00	62.78 -2.89 0.00	59.96 -2.37 0.00	55.40 -1.53 0.00	53.36 -0.21 0.00	47.06 -0.24 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.89 -3.07 -0.06	42.84 -1.74 0.00	40.03 -2.02 -0.01	39.73 -1.57 0.00	40.47 -1.64 0.00	40.25 -2.68 -1.00	63.61 -4.49 -0.07	68.52 -5.23 -0.09	61.24 -5.25 -0.04	55.23 -3.78 0.00	52.63 -3.96 0.00	49.93 -3.99 0.00	48.20 -4.42 0.00	48.16 -4.07 0.00	50.82 -4.24 0.00	51.41 -4.39 -0.89	61.74 -4.73 -0.82	75.23 -4.80 0.00	68.37 -4.29 0.00	61.07 -4.60 0.00	58.40 -3.93 0.00	54.03 -2.90 0.00	52.07 -1.50 0.00	46.58 -0.71 0.00
EMPIRE_CC_1 323656	49.44 1.05 -0.49	45.64 1.07 0.00	43.20 1.09 -0.08	42.46 1.15 0.00	43.17 1.05 0.00	51.60 1.00 -8.66	70.10 1.43 -0.65	75.96 1.55 -0.74	68.17 1.40 -0.32	59.89 0.89 0.00	57.39 0.79 0.00	54.73 0.81 0.00	53.46 0.84 0.00	52.92 0.68 0.00	55.89 0.83 0.00	62.53 1.16 -6.46	73.00 1.38 -5.98	81.72 1.68 0.00	74.19 1.53 0.00	67.18 1.51 0.00	63.38 1.06 0.00	57.73 0.80 0.00	54.05 0.48 0.00	47.77 0.47 0.00
EMPIRE_CC_2 323658	49.44 1.05 -0.49	45.64 1.07 0.00	43.20 1.09 -0.08	42.46 1.15 0.00	43.17 1.05 0.00	51.60 1.00 -8.66	70.10 1.43 -0.65	75.96 1.55 -0.74	68.17 1.40 -0.32	59.89 0.89 0.00	57.39 0.79 0.00	54.73 0.81 0.00	53.46 0.84 0.00	52.92 0.68 0.00	55.89 0.83 0.00	62.53 1.16 -6.46	73.00 1.38 -5.98	81.72 1.68 0.00	74.19 1.53 0.00	67.18 1.51 0.00	63.38 1.06 0.00	57.73 0.80 0.00	54.05 0.48 0.00	47.77 0.47 0.00
ENORWICH_115KV_TB1 80156	50.42 2.39 -0.13	47.12 2.54 0.00	44.49 2.44 -0.02	43.61 2.31 0.00	44.64 2.53 0.00	46.69 2.43 -2.32	72.62 4.42 -0.17	79.17 5.30 -0.20	71.19 4.65 -0.09	62.90 3.89 0.00	60.05 3.45 0.00	57.21 3.29 0.00	55.62 3.00 0.00	55.53 3.29 0.00	58.53 3.47 0.00	59.73 3.08 -1.74	71.19 3.94 -1.61	85.72 5.68 0.00	77.68 5.01 0.00	70.07 4.40 0.00	66.81 4.49 0.00	60.92 3.99 0.00	57.32 3.75 0.00	50.56 3.26 0.00
ERIE_ST__34_KV_TB1-2 80199	44.36 -3.59 -0.06	43.19 -1.38 0.00	40.32 -1.72 -0.01	40.10 -1.20 0.00	40.81 -1.31 0.00	39.87 -3.10 -1.04	63.14 -4.97 -0.08	68.16 -5.60 -0.09	61.97 -4.52 -0.04	55.70 -3.30 0.00	53.09 -3.51 0.00	50.36 -3.56 0.00	48.57 -4.05 0.00	48.58 -3.66 0.00	51.21 -3.85 0.00	51.12 -4.72 -0.92	61.44 -5.05 -0.86	76.35 -3.68 0.00	69.39 -3.27 0.00	61.92 -3.74 0.00	59.27 -3.05 0.00	54.71 -2.22 0.00	52.66 -0.91 0.00	47.06 -0.24 0.00
ERIE_WT_PWR 323693	44.89 -3.07 -0.06	43.15 -1.43 0.00	40.45 -1.60 -0.01	39.85 -1.45 0.00	40.81 -1.31 0.00	40.27 -2.68 -1.02	63.68 -4.42 -0.08	70.15 -3.61 -0.09	61.70 -4.79 -0.04	55.46 -3.54 0.00	52.75 -3.85 0.00	50.04 -3.88 0.00	48.41 -4.21 0.00	48.37 -3.87 0.00	50.99 -4.07 0.00	51.49 -4.34 -0.91	61.83 -4.66 -0.84	75.71 -4.32 0.00	68.88 -3.78 0.00	61.46 -4.20 0.00	58.84 -3.49 0.00	54.37 -2.56 0.00	52.39 -1.18 0.00	46.87 -0.43 0.00
ESPRGFLD_115KV_TB1 80157	48.74 0.81 -0.03	45.38 0.80 0.00	42.80 0.76 0.00	41.96 0.66 0.00	42.88 0.76 0.00	43.36 0.92 -0.51	69.49 1.43 -0.04	75.33 1.62 -0.04	67.53 1.06 -0.02	59.53 0.53 0.00	57.11 0.51 0.00	54.52 0.59 0.00	53.15 0.53 0.00	53.07 0.84 0.00	56.11 1.05 0.00	56.36 1.10 -0.34	67.14 1.18 -0.32	81.88 1.84 0.00	74.62 1.96 0.00	67.37 1.71 0.00	63.95 1.62 0.00	58.53 1.59 0.00	54.96 1.39 0.00	48.33 1.04 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	48.37 0.38 -0.09	45.11 0.53 0.00	42.47 0.42 -0.02	41.71 0.41 0.00	42.62 0.51 0.00	43.98 0.38 -1.67	69.03 0.88 -0.13	74.84 1.03 -0.15	67.31 0.80 -0.06	59.77 0.77 0.00	57.05 0.45 0.00	54.30 0.38 0.00	52.89 0.26 0.00	52.60 0.37 0.00	55.50 0.44 0.00	56.36 0.16 -1.28	67.35 0.53 -1.18	81.00 0.96 0.00	73.61 0.94 0.00	66.46 0.79 0.00	63.20 0.87 0.00	57.79 0.85 0.00	54.43 0.86 0.00	48.10 0.80 0.00
ETNA____115KV_TB2 80207	48.37 0.38 -0.09	45.11 0.53 0.00	42.47 0.42 -0.02	41.71 0.41 0.00	42.62 0.51 0.00	43.98 0.38 -1.67	69.03 0.88 -0.13	74.84 1.03 -0.15	67.31 0.80 -0.06	59.77 0.77 0.00	57.05 0.45 0.00	54.30 0.38 0.00	52.89 0.26 0.00	52.60 0.37 0.00	55.50 0.44 0.00	56.36 0.16 -1.28	67.35 0.53 -1.18	81.00 0.96 0.00	73.61 0.94 0.00	66.46 0.79 0.00	63.20 0.87 0.00	57.79 0.85 0.00	54.43 0.86 0.00	48.10 0.80 0.00
EUCLID___115KV_TB2 356179	46.83 -1.10 -0.03	43.60 -0.98 0.00	41.07 -0.97 -0.01	40.39 -0.91 0.00	41.19 -0.93 0.00	41.62 -0.92 -0.61	66.64 -1.43 -0.05	72.17 -1.55 -0.05	64.95 -1.53 -0.02	57.82 -1.18 0.00	55.41 -1.19 0.00	52.74 -1.19 0.00	51.41 -1.21 0.00	51.09 -1.15 0.00	53.85 -1.21 0.00	54.06 -1.32 -0.47	64.63 -1.44 -0.43	78.19 -1.84 0.00	70.92 -1.74 0.00	64.03 -1.64 0.00	60.83 -1.50 0.00	55.68 -1.25 0.00	52.50 -1.07 0.00	46.39 -0.90 0.00
E_CANADA_CAP_HY 24051	49.27 0.76 -0.61	45.33 0.76 0.00	42.85 0.71 -0.10	41.96 0.66 0.00	42.88 0.76 0.00	53.93 1.00 -10.99	70.07 1.23 -0.82	76.08 1.47 -0.94	67.13 0.27 -0.41	58.41 -0.59 0.00	56.09 -0.51 0.00	53.60 -0.32 0.00	52.20 -0.42 0.00	52.24 0.00 0.00	55.39 0.33 0.00	63.83 0.77 -8.14	73.90 0.72 -7.53	81.40 1.36 0.00	74.48 1.82 0.00	67.24 1.57 0.00	63.70 1.37 0.00	58.58 1.65 0.00	54.91 1.34 0.00	48.24 0.95 0.00
E_CANADA_MHWK_HY 24050	50.58 2.68 0.00	47.16 2.58 0.00	44.47 2.44 0.00	43.74 2.44 0.00	44.64 2.53 0.00	44.28 2.35 0.00	71.97 3.94 0.00	78.01 4.35 0.00	70.24 3.79 0.00	62.30 3.30 0.00	59.82 3.22 0.00	57.05 3.13 0.00	55.62 3.00 0.00	55.21 2.98 0.00	58.09 3.03 0.00	57.88 2.96 0.00	69.05 3.41 0.00	84.20 4.16 0.00	76.37 3.70 0.00	69.01 3.35 0.00	65.50 3.18 0.00	59.83 2.90 0.00	56.30 2.73 0.00	49.75 2.46 0.00
E_FISHKILL___LBMP 23776	50.65 2.35 -0.41	46.63 2.05 0.00	44.08 1.98 -0.07	43.12 1.82 0.00	43.97 1.85 0.00	51.18 1.93 -7.32	71.70 3.13 -0.55	77.76 3.46 -0.63	70.11 3.39 -0.27	62.25 3.25 0.00	59.71 3.11 0.00	57.00 3.07 0.00	55.73 3.10 0.00	55.32 3.08 0.00	58.20 3.14 0.00	63.38 3.02 -5.44	74.29 3.61 -5.04	84.52 4.48 0.00	76.66 4.00 0.00	69.28 3.61 0.00	65.75 3.43 0.00	59.95 3.02 0.00	56.04 2.46 0.00	49.33 2.03 0.00
FALCON___SEABRD_CC1 323796	47.18 -0.72 0.00	43.51 -1.07 0.00	40.94 -1.09 0.00	40.31 -0.99 0.00	41.07 -1.05 0.00	41.05 -0.88 0.00	66.05 -1.97 0.00	70.43 -3.24 0.00	64.26 -2.19 0.00	56.17 -2.83 0.00	54.78 -1.81 0.00	51.82 -2.10 0.00	50.31 -2.31 0.00	49.73 -2.51 0.00	52.42 -2.64 0.00	52.94 -1.97 0.00	62.36 -3.28 0.00	76.04 -4.00 0.00	69.75 -2.91 0.00	63.37 -2.30 0.00	60.52 -1.81 0.00	55.91 -1.02 0.00	53.89 0.32 0.00	47.48 0.19 0.00
FALCON___SEABRD_CC2 323797	47.18 -0.72 0.00	43.51 -1.07 0.00	40.94 -1.09 0.00	40.31 -0.99 0.00	41.07 -1.05 0.00	41.05 -0.88 0.00	66.05 -1.97 0.00	70.43 -3.24 0.00	64.26 -2.19 0.00	56.17 -2.83 0.00	54.78 -1.81 0.00	51.82 -2.10 0.00	50.31 -2.31 0.00	49.73 -2.51 0.00	52.42 -2.64 0.00	52.94 -1.97 0.00	62.36 -3.28 0.00	76.04 -4.00 0.00	69.75 -2.91 0.00	63.37 -2.30 0.00	60.52 -1.81 0.00	55.91 -1.02 0.00	53.89 0.32 0.00	47.48 0.19 0.00

FAR ROCKAWAY___4 23548	52.95 4.65 -0.41	48.50 3.92 0.00	45.63 3.53 -0.06	44.61 3.30 0.00	45.53 3.41 0.00	52.80 3.69 -7.17	72.57 4.01 -0.54	79.14 4.86 -0.61	71.37 4.65 -0.27	64.08 5.07 0.00	61.63 5.04 0.00	59.59 5.66 0.00	58.48 5.84 -0.01	57.95 5.69 -0.01	61.01 5.95 0.00	65.53 5.27 -5.34	76.82 6.24 -4.94	87.32 7.28 0.00	79.93 7.27 0.00	71.91 6.24 0.00	68.06 5.73 0.00	61.83 4.90 0.00	58.07 4.50 0.00	51.27 3.97 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.41 3.11 -0.40	47.30 2.72 0.00	44.66 2.56 -0.06	43.66 2.35 0.00	44.52 2.40 0.00	51.62 2.52 -7.17	72.64 4.08 -0.54	78.92 4.64 -0.61	71.25 4.52 -0.28	67.71 4.43 -4.28	61.37 4.19 -0.59	64.18 4.15 -6.10	64.12 4.21 -7.29	64.01 4.18 -7.60	64.07 4.24 -4.77	66.77 4.06 -7.79	75.31 4.73 -4.94	86.04 6.00 0.00	77.97 5.30 0.00	70.40 4.73 0.00	66.95 4.61 -0.02	60.99 4.04 -0.02	56.95 3.37 0.00	50.13 2.84 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.46 3.16 -0.40	47.34 2.76 0.00	44.71 2.61 -0.06	43.66 2.35 0.00	44.56 2.44 0.00	51.62 2.52 -7.17	72.64 4.08 -0.54	78.92 4.64 -0.61	71.25 4.52 -0.28	67.71 4.43 -4.28	61.37 4.19 -0.59	64.18 4.15 -6.10	64.12 4.21 -7.29	64.01 4.18 -7.60	64.07 4.24 -4.77	66.77 4.06 -7.79	75.37 4.79 -4.94	86.04 6.00 0.00	77.97 5.30 0.00	70.46 4.79 0.00	66.95 4.61 -0.02	60.99 4.04 -0.02	57.00 3.43 0.00	50.13 2.84 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.41 3.11 -0.40	47.30 2.72 0.00	44.66 2.56 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.62 2.52 -7.17	72.64 4.08 -0.54	78.85 4.57 -0.61	71.19 4.45 -0.28	67.65 4.37 -4.28	61.31 4.13 -0.59	64.18 4.15 -6.10	64.12 4.21 -7.29	64.01 4.18 -7.60	64.07 4.24 -4.77	66.71 4.01 -7.79	75.31 4.73 -4.94	85.96 5.92 0.00	77.89 5.23 0.00	70.40 4.73 0.00	66.89 4.55 -0.02	60.99 4.04 -0.02	56.95 3.37 0.00	50.08 2.79 0.00
FARRAGUT___LBMP 323566	51.36 3.07 -0.40	47.25 2.67 0.00	44.62 2.52 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.19 4.45 -0.28	67.59 4.31 -4.28	61.26 4.07 -0.59	64.12 4.10 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.71 4.01 -7.79	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.93 3.99 -0.02	56.89 3.32 0.00	50.08 2.79 0.00
FENNER___WINDPWR 24204	48.52 0.58 -0.05	45.25 0.67 0.00	42.67 0.63 -0.01	41.92 0.62 0.00	42.83 0.72 0.00	43.48 0.63 -0.92	69.32 1.23 -0.07	75.30 1.55 -0.08	67.74 1.26 -0.03	60.06 1.06 0.00	57.50 0.90 0.00	54.78 0.86 0.00	53.46 0.84 0.00	53.13 0.89 0.00	56.00 0.94 0.00	56.31 0.71 -0.69	67.13 0.85 -0.63	81.31 1.28 0.00	73.82 1.16 0.00	66.71 1.05 0.00	63.38 1.06 0.00	57.90 0.97 0.00	54.54 0.97 0.00	48.14 0.85 0.00
FIBERTEK___ENERGY 23856	47.36 -0.57 -0.04	44.09 -0.49 0.00	41.54 -0.50 -0.01	40.76 -0.54 0.00	41.65 -0.46 0.00	42.18 -0.50 -0.75	67.40 -0.68 -0.06	73.07 -0.66 -0.06	65.81 -0.66 -0.03	58.53 -0.47 0.00	56.14 -0.45 0.00	53.38 -0.54 0.00	52.04 -0.58 0.00	51.72 -0.52 0.00	54.51 -0.55 0.00	54.77 -0.71 -0.57	65.45 -0.72 -0.53	79.16 -0.88 0.00	71.79 -0.87 0.00	64.81 -0.85 0.00	61.58 -0.75 0.00	56.31 -0.63 0.00	53.09 -0.48 0.00	46.87 -0.43 0.00
FITZPATRICK___ 23598	46.15 -1.77 -0.03	42.93 -1.65 0.00	40.48 -1.55 0.00	39.77 -1.53 0.00	40.60 -1.51 0.00	40.89 -1.51 -0.47	65.61 -2.45 -0.03	70.98 -2.72 -0.04	64.01 -2.46 -0.02	56.88 -2.12 0.00	54.56 -2.04 0.00	51.93 -1.99 0.00	50.62 -2.00 0.00	50.31 -1.93 0.00	53.02 -2.04 0.00	53.18 -2.09 -0.35	63.47 -2.49 -0.33	76.99 -3.04 0.00	69.83 -2.83 0.00	63.10 -2.56 0.00	59.89 -2.43 0.00	54.83 -2.11 0.00	51.69 -1.88 0.00	45.64 -1.66 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.13 2.83 -0.40	47.07 2.50 0.00	44.45 2.35 -0.06	43.49 2.19 0.00	44.39 2.27 0.00	51.44 2.31 -7.20	72.44 3.88 -0.54	78.56 4.27 -0.62	70.84 4.12 -0.27	62.95 3.95 0.00	60.33 3.74 0.00	57.54 3.61 0.00	56.25 3.63 0.00	55.84 3.60 0.00	58.75 3.69 0.00	63.84 3.57 -5.36	74.87 4.27 -4.96	85.40 5.36 0.00	77.31 4.65 0.00	69.87 4.20 0.00	66.38 4.05 0.00	60.52 3.59 0.00	56.57 3.00 0.00	49.80 2.51 0.00
FORT ORANGE___ 23900	49.45 1.05 -0.50	45.64 1.07 0.00	43.17 1.05 -0.08	42.42 1.12 0.00	43.13 1.01 0.00	51.66 0.88 -8.85	70.12 1.43 -0.66	75.97 1.55 -0.76	68.18 1.40 -0.33	59.94 0.94 0.00	57.45 0.85 0.00	54.78 0.86 0.00	53.52 0.89 0.00	53.02 0.78 0.00	55.94 0.88 0.00	62.69 1.16 -6.62	73.21 1.44 -6.13	81.88 1.84 0.00	74.33 1.67 0.00	67.24 1.57 0.00	63.57 1.25 0.00	57.90 0.97 0.00	54.27 0.69 0.00	48.00 0.71 0.00
FORT_DRUM_COGEN 23780	47.44 -0.48 -0.02	44.35 -0.22 0.00	41.91 -0.13 0.00	41.14 -0.17 0.00	42.03 -0.08 0.00	42.06 -0.25 -0.38	67.85 -0.20 -0.03	74.00 0.29 -0.03	66.46 0.00 -0.01	58.18 -0.83 0.00	55.80 -0.79 0.00	53.11 -0.81 0.00	51.73 -0.89 0.00	51.46 -0.78 0.00	54.18 -0.88 0.00	54.44 -0.77 -0.29	64.73 -1.18 -0.27	79.32 -0.72 0.00	72.23 -0.44 0.00	65.67 0.00 0.00	62.82 0.50 0.00	57.44 0.51 0.00	54.37 0.80 0.00	47.91 0.61 0.00
FOX_HILLS___ESR 323835	51.95 3.64 -0.41	47.79 3.21 -0.01	45.13 3.03 -0.07	44.12 2.81 -0.01	44.99 2.86 -0.01	52.05 2.94 -7.18	73.25 4.69 -0.54	79.36 5.08 -0.61	71.52 4.78 -0.28	66.77 3.48 -4.29	61.66 4.47 -0.59	63.43 3.40 -6.11	63.39 3.47 -7.29	63.29 3.45 -7.60	63.31 3.47 -4.78	67.24 4.50 -7.82	75.70 5.12 -4.94	86.60 6.56 0.00	78.47 5.81 0.00	70.99 5.32 0.00	67.65 5.30 -0.02	61.56 4.61 -0.02	57.59 4.02 0.00	50.74 3.45 0.00
FPL_FAR_ROCK_GT1 24212	52.95 4.64 -0.41	48.50 3.92 0.00	45.59 3.49 -0.06	44.61 3.31 0.00	45.53 3.41 0.00	52.80 3.69 -7.17	72.57 4.01 -0.54	79.22 4.94 -0.61	71.30 4.58 -0.27	64.08 5.07 0.00	61.86 5.26 0.00	59.75 5.83 0.00	58.48 5.84 -0.01	57.95 5.69 -0.01	61.01 5.95 0.00	65.53 5.27 -5.34	76.82 6.24 -4.94	87.32 7.28 0.00	79.93 7.27 0.00	71.91 6.24 0.00	67.94 5.61 0.00	61.83 4.90 0.00	58.07 4.50 0.00	51.27 3.97 0.00
FPL_FAR_ROCK_GT2 23815	52.95 4.64 -0.41	48.50 3.92 0.00	45.59 3.49 -0.06	44.61 3.31 0.00	45.53 3.41 0.00	52.80 3.69 -7.17	72.57 4.01 -0.54	79.22 4.94 -0.61	71.30 4.58 -0.27	64.08 5.07 0.00	61.86 5.26 0.00	59.75 5.83 0.00	58.48 5.84 -0.01	57.95 5.69 -0.01	61.01 5.95 0.00	65.53 5.27 -5.34	76.82 6.24 -4.94	87.32 7.28 0.00	79.93 7.27 0.00	71.91 6.24 0.00	67.94 5.61 0.00	61.83 4.90 0.00	58.07 4.50 0.00	51.27 3.97 0.00
FRANKLIN_FALL_HYD 24054	47.47 -0.43 0.00	43.77 -0.80 0.00	41.28 -0.76 0.00	40.56 -0.74 0.00	41.32 -0.80 0.00	41.26 -0.67 0.00	66.32 -1.70 0.00	71.90 -1.77 0.00	64.92 -1.53 0.00	56.41 -2.60 0.00	55.07 -1.53 0.00	52.20 -1.73 0.00	50.62 -2.00 0.00	50.04 -2.19 0.00	52.75 -2.31 0.00	53.27 -1.65 0.00	62.62 -3.02 0.00	76.35 -3.68 0.00	70.19 -2.47 0.00	63.63 -2.04 0.00	60.71 -1.62 0.00	55.79 -1.14 0.00	54.16 0.59 0.00	47.77 0.47 0.00

FREEPORT_EQUS_GT1 23764	52.66 4.36 -0.41	48.23 3.66 0.00	45.34 3.24 -0.06	44.36 3.06 0.00	45.28 3.16 0.00	52.59 3.48 -7.17	72.16 3.60 -0.54	78.70 4.42 -0.61	70.84 4.12 -0.27	63.66 4.66 0.00	61.40 4.81 0.00	59.32 5.39 0.00	58.06 5.42 -0.01	57.58 5.33 -0.01	60.57 5.51 0.00	65.09 4.83 -5.34	76.36 5.78 -4.94	86.76 6.72 0.00	79.42 6.76 0.00	71.45 5.78 0.00	67.50 5.17 0.00	61.43 4.50 0.00	57.80 4.23 0.00	50.98 3.69 0.00
FREEPORT___CT2 23818	52.66 4.36 -0.41	48.23 3.66 0.00	45.34 3.24 -0.06	44.36 3.06 0.00	45.28 3.16 0.00	52.59 3.48 -7.17	72.16 3.60 -0.54	78.70 4.42 -0.61	70.84 4.12 -0.27	63.66 4.66 0.00	61.40 4.81 0.00	59.32 5.39 0.00	58.06 5.42 -0.01	57.58 5.33 -0.01	60.57 5.51 0.00	65.09 4.83 -5.34	76.36 5.78 -4.94	86.76 6.72 0.00	79.42 6.76 0.00	71.45 5.78 0.00	67.50 5.17 0.00	61.43 4.50 0.00	57.80 4.23 0.00	50.98 3.69 0.00
FRESHKLS_33_KV_LOAD 356253	52.14 3.83 -0.41	47.97 3.39 -0.01	45.30 3.19 -0.07	44.28 2.97 -0.01	45.20 3.07 -0.01	52.22 3.10 -7.18	73.59 5.03 -0.54	79.66 5.38 -0.61	71.78 5.05 -0.28	66.71 3.42 -4.29	61.83 4.64 -0.59	63.32 3.29 -6.11	63.28 3.37 -7.29	63.19 3.34 -7.60	63.25 3.41 -4.78	67.46 4.72 -7.82	76.03 5.45 -4.94	87.00 6.96 0.00	78.84 6.18 0.00	71.31 5.65 0.00	67.96 5.61 -0.02	61.84 4.90 -0.02	57.86 4.29 0.00	50.98 3.69 0.00
FULTON COGEN____ 23766	46.54 -1.39 -0.03	43.33 -1.25 0.00	40.82 -1.22 -0.01	40.10 -1.20 0.00	40.94 -1.18 0.00	41.34 -1.17 -0.59	66.23 -1.84 -0.04	71.80 -1.92 -0.05	64.68 -1.79 -0.02	57.47 -1.53 0.00	55.12 -1.47 0.00	52.41 -1.51 0.00	51.15 -1.47 0.00	50.78 -1.46 0.00	53.52 -1.54 0.00	53.77 -1.59 -0.44	64.22 -1.84 -0.41	77.79 -2.24 0.00	70.63 -2.03 0.00	63.76 -1.90 0.00	60.52 -1.81 0.00	55.40 -1.54 0.00	52.18 -1.39 0.00	46.06 -1.23 0.00
FULTON___LFGE 323630	50.15 1.68 -0.58	46.23 1.65 0.00	43.68 1.56 -0.09	42.79 1.48 0.00	43.72 1.60 0.00	54.04 1.80 -10.30	71.72 2.92 -0.77	77.87 3.32 -0.88	68.83 1.99 -0.38	59.89 0.89 0.00	57.28 0.68 0.00	54.41 0.48 0.00	52.99 0.37 0.00	53.07 0.83 0.00	56.38 1.32 0.00	64.40 1.87 -7.62	74.99 2.30 -7.05	83.24 3.20 0.00	76.08 3.42 0.00	68.69 3.02 0.00	65.06 2.74 0.00	59.55 2.62 0.00	55.87 2.30 0.00	49.04 1.75 0.00
G.F.CEMENT___DRP 24184	51.62 3.21 -0.52	47.70 3.12 0.00	45.06 2.94 -0.08	44.23 2.93 0.00	45.11 2.99 0.00	54.27 3.06 -9.28	73.89 5.17 -0.69	80.21 5.75 -0.79	71.85 5.05 -0.35	63.07 4.07 0.00	60.39 3.79 0.00	57.32 3.40 0.00	55.78 3.16 0.00	55.32 3.08 0.00	58.36 3.30 0.00	65.47 3.68 -6.87	76.53 4.53 -6.36	85.80 5.76 0.00	77.89 5.23 0.00	70.33 4.66 0.00	66.69 4.36 0.00	60.69 3.76 0.00	56.95 3.37 0.00	50.13 2.84 0.00
GARDENVILLE___LBMP 24039	44.84 -3.11 -0.06	42.93 -1.65 0.00	40.11 -1.93 -0.01	39.81 -1.49 0.00	40.56 -1.56 0.00	40.23 -2.73 -1.02	63.61 -4.49 -0.08	68.53 -5.23 -0.09	61.37 -5.12 -0.04	55.28 -3.72 0.00	52.69 -3.91 0.00	49.99 -3.94 0.00	48.25 -4.37 0.00	48.22 -4.02 0.00	50.88 -4.18 0.00	51.43 -4.39 -0.91	61.75 -4.73 -0.84	75.47 -4.56 0.00	68.67 -4.00 0.00	61.27 -4.40 0.00	58.65 -3.68 0.00	54.26 -2.68 0.00	52.23 -1.34 0.00	46.73 -0.57 0.00
GARDNVLA_35_KV_LD 355827	44.98 -2.97 -0.06	43.11 -1.47 0.00	40.24 -1.81 -0.01	39.98 -1.32 0.00	40.69 -1.43 0.00	40.36 -2.60 -1.03	63.82 -4.29 -0.08	68.75 -5.01 -0.09	61.70 -4.78 -0.04	55.58 -3.42 0.00	52.92 -3.68 0.00	50.20 -3.72 0.00	48.46 -4.16 0.00	48.43 -3.81 0.00	51.10 -3.96 0.00	51.60 -4.23 -0.91	61.96 -4.53 -0.84	75.79 -4.24 0.00	68.96 -3.71 0.00	61.53 -4.14 0.00	58.84 -3.49 0.00	54.48 -2.45 0.00	52.45 -1.13 0.00	46.91 -0.38 0.00
GELCKHM___115KV_LOAD 80723	47.02 -0.91 -0.04	43.77 -0.80 0.00	41.24 -0.80 -0.01	40.52 -0.78 0.00	41.36 -0.76 0.00	41.83 -0.75 -0.66	66.92 -1.16 -0.05	72.47 -1.25 -0.06	65.28 -1.20 -0.02	58.12 -0.89 0.00	55.69 -0.91 0.00	52.95 -0.97 0.00	51.67 -0.95 0.00	51.30 -0.94 0.00	54.13 -0.94 0.00	54.32 -1.10 -0.50	64.92 -1.18 -0.46	78.60 -1.44 0.00	71.28 -1.38 0.00	64.35 -1.31 0.00	61.14 -1.18 0.00	55.91 -1.02 0.00	52.71 -0.86 0.00	46.58 -0.71 0.00
GENERAL___MILLS 23808	44.89 -3.07 -0.06	43.02 -1.56 0.00	40.19 -1.85 -0.01	39.94 -1.36 0.00	40.64 -1.47 0.00	40.27 -2.68 -1.02	63.68 -4.42 -0.08	68.60 -5.16 -0.09	61.57 -4.92 -0.04	55.46 -3.54 0.00	52.86 -3.74 0.00	50.10 -3.83 0.00	48.41 -4.21 0.00	48.37 -3.87 0.00	50.99 -4.07 0.00	51.49 -4.34 -0.91	61.82 -4.66 -0.84	75.63 -4.40 0.00	68.81 -3.85 0.00	61.40 -4.27 0.00	58.77 -3.55 0.00	54.37 -2.56 0.00	52.34 -1.23 0.00	46.82 -0.47 0.00
GE_PLASTICS___DRP 24183	49.40 1.01 -0.50	45.56 0.98 0.00	43.12 1.01 -0.08	42.33 1.03 0.00	43.09 0.97 0.00	51.56 0.84 -8.79	70.04 1.36 -0.66	75.82 1.40 -0.75	68.17 1.40 -0.33	60.06 1.06 0.00	57.62 1.02 0.00	54.89 0.97 0.00	53.62 1.00 0.00	53.18 0.94 0.00	56.05 0.99 0.00	62.63 1.15 -6.56	73.09 1.38 -6.07	81.80 1.76 0.00	74.26 1.60 0.00	67.18 1.51 0.00	63.57 1.25 0.00	57.96 1.02 0.00	54.32 0.75 0.00	48.00 0.71 0.00
GILBOA___1 23756	49.49 1.20 -0.39	45.69 1.11 0.00	43.15 1.05 -0.06	42.33 1.03 0.00	43.13 1.01 0.00	49.94 1.00 -7.00	70.18 1.63 -0.52	76.03 1.77 -0.60	68.44 1.72 -0.26	60.53 1.53 0.00	58.07 1.47 0.00	55.38 1.46 0.00	54.04 1.42 0.00	53.65 1.41 0.00	56.55 1.49 0.00	61.54 1.43 -5.20	72.10 1.64 -4.82	81.88 1.84 0.00	74.48 1.82 0.00	67.44 1.77 0.00	64.01 1.68 0.00	58.36 1.42 0.00	54.75 1.18 0.00	48.33 1.04 0.00
GILBOA___2 23757	49.49 1.20 -0.39	45.69 1.11 0.00	43.15 1.05 -0.06	42.33 1.03 0.00	43.13 1.01 0.00	49.94 1.00 -7.00	70.18 1.63 -0.52	76.03 1.77 -0.60	68.44 1.72 -0.26	60.53 1.53 0.00	58.07 1.47 0.00	55.38 1.46 0.00	54.04 1.42 0.00	53.65 1.41 0.00	56.55 1.49 0.00	61.54 1.43 -5.20	72.10 1.64 -4.82	81.88 1.84 0.00	74.48 1.82 0.00	67.44 1.77 0.00	64.01 1.68 0.00	58.36 1.42 0.00	54.75 1.18 0.00	48.33 1.04 0.00
GILBOA___3 23758	49.49 1.20 -0.39	45.69 1.11 0.00	43.15 1.05 -0.06	42.33 1.03 0.00	43.13 1.01 0.00	49.94 1.00 -7.00	70.18 1.63 -0.52	76.03 1.77 -0.60	68.44 1.72 -0.26	60.53 1.53 0.00	58.07 1.47 0.00	55.38 1.46 0.00	54.04 1.42 0.00	53.65 1.41 0.00	56.55 1.49 0.00	61.54 1.43 -5.20	72.10 1.64 -4.82	81.88 1.84 0.00	74.48 1.82 0.00	67.44 1.77 0.00	64.01 1.68 0.00	58.36 1.42 0.00	54.75 1.18 0.00	48.33 1.04 0.00
GILBOA___4 23759	49.49 1.20 -0.39	45.69 1.11 0.00	43.15 1.05 -0.06	42.33 1.03 0.00	43.13 1.01 0.00	49.94 1.00 -7.00	70.18 1.63 -0.52	76.03 1.77 -0.60	68.44 1.72 -0.26	60.53 1.53 0.00	58.07 1.47 0.00	55.38 1.46 0.00	54.04 1.42 0.00	53.65 1.41 0.00	56.55 1.49 0.00	61.54 1.43 -5.20	72.10 1.64 -4.82	81.88 1.84 0.00	74.48 1.82 0.00	67.44 1.77 0.00	64.01 1.68 0.00	58.36 1.42 0.00	54.75 1.18 0.00	48.33 1.04 0.00

GILBOA____ 23599	49.49 1.20 -0.39	45.69 1.11 0.00	43.15 1.05 -0.06	42.33 1.03 0.00	43.13 1.01 0.00	49.94 1.01 -7.00	70.18 1.63 -0.52	75.96 1.69 -0.60	68.44 1.73 -0.26	60.54 1.53 0.00	58.07 1.47 0.00	55.38 1.46 0.00	54.04 1.42 0.00	53.65 1.41 0.00	56.55 1.49 0.00	61.55 1.43 -5.20	72.10 1.64 -4.82	81.88 1.84 0.00	74.48 1.82 0.00	67.44 1.77 0.00	64.01 1.68 0.00	58.36 1.42 0.00	54.75 1.18 0.00	48.33 1.04 0.00
GINNA____ 23603	44.54 -3.40 -0.04	41.37 -3.21 0.00	38.93 -3.11 -0.01	38.41 -2.89 0.00	39.21 -2.91 0.00	39.71 -2.94 -0.71	63.45 -4.63 -0.05	68.65 -5.08 -0.06	61.42 -5.05 -0.03	54.99 -4.01 0.00	52.69 -3.90 0.00	50.04 -3.88 0.00	48.67 -3.95 0.00	48.37 -3.87 0.00	51.10 -3.97 0.00	51.61 -3.90 -0.59	61.79 -4.40 -0.55	74.27 -5.76 0.00	67.29 -5.38 0.00	60.48 -5.19 0.00	57.59 -4.74 0.00	52.83 -4.10 0.00	50.30 -3.27 0.00	44.55 -2.74 0.00
GLEN PARK____ 23778	47.59 -0.33 -0.02	44.49 -0.09 0.00	42.04 0.00 0.00	41.26 -0.04 0.00	42.20 0.08 0.00	42.24 -0.08 -0.39	68.12 0.07 -0.03	74.15 0.44 -0.03	66.73 0.27 -0.01	58.41 -0.59 0.00	55.98 -0.62 0.00	53.22 -0.70 0.00	51.83 -0.79 0.00	51.56 -0.68 0.00	54.34 -0.72 0.00	54.56 -0.66 -0.30	65.00 -0.92 -0.28	79.80 -0.24 0.00	72.59 -0.07 0.00	66.00 0.33 0.00	63.20 0.87 0.00	57.79 0.86 0.00	54.59 1.02 0.00	48.10 0.80 0.00
GLENDALE_27_KV_LOAD 356172	51.85 3.54 -0.41	47.70 3.12 -0.01	45.05 2.94 -0.07	43.99 2.68 -0.01	44.90 2.78 -0.01	51.96 2.85 -7.18	73.05 4.49 -0.54	79.22 4.94 -0.61	71.45 4.72 -0.28	67.71 4.37 -4.34	61.66 4.47 -0.59	64.32 4.21 -6.19	64.22 4.21 -7.39	64.12 4.18 -7.70	64.14 4.24 -4.84	67.13 4.39 -7.82	75.63 5.05 -4.94	86.36 6.32 0.00	78.26 5.59 0.00	70.79 5.12 0.00	67.33 4.99 -0.02	61.33 4.38 -0.02	57.37 3.80 0.00	50.51 3.22 0.00
GLENWOOD_IC_1_G5 23712	51.90 3.59 -0.41	47.65 3.08 0.00	44.92 2.82 -0.06	43.90 2.60 0.00	44.81 2.70 0.00	52.00 2.89 -7.17	72.23 3.67 -0.54	78.63 4.27 -0.61	70.97 4.35 -0.27	63.37 4.37 0.00	60.90 4.30 0.00	58.51 4.58 0.00	57.32 4.68 -0.01	56.85 4.60 -0.01	59.80 4.74 0.00	64.59 4.34 -5.34	75.70 5.12 -4.94	86.20 6.16 0.00	78.47 5.81 0.00	70.72 5.06 0.00	67.06 4.74 0.00	61.09 4.16 0.00	57.21 3.64 0.00	50.37 3.07 0.00
GLENWOOD_IC_2_G1 23688	51.51 3.21 -0.40	47.34 2.76 0.00	44.62 2.52 -0.06	43.65 2.35 0.00	44.52 2.40 0.00	51.66 2.56 -7.17	72.16 3.60 -0.54	78.55 4.27 -0.61	70.71 3.99 -0.27	63.07 4.07 0.00	60.62 4.02 0.00	58.08 4.15 0.00	56.83 4.21 0.00	56.36 4.13 0.00	59.30 4.24 0.00	64.21 3.96 -5.34	75.24 4.66 -4.94	85.72 5.68 0.00	77.90 5.23 0.00	70.33 4.66 0.00	66.69 4.36 0.00	60.75 3.81 0.00	56.89 3.32 0.00	50.08 0.00 0.00
GLENWOOD_IC_3_G1 23689	51.51 3.21 -0.40	47.34 2.76 0.00	44.62 2.52 -0.06	43.65 2.35 0.00	44.52 2.40 0.00	51.66 2.56 -7.17	72.16 3.60 -0.54	78.55 4.27 -0.61	70.71 3.99 -0.27	63.07 4.07 0.00	60.62 4.02 0.00	58.08 4.15 0.00	56.83 4.21 0.00	56.36 4.13 0.00	59.30 4.24 0.00	64.21 3.96 -5.34	75.24 4.66 -4.94	85.72 5.68 0.00	77.90 5.23 0.00	70.33 4.66 0.00	66.69 4.36 0.00	60.75 3.81 0.00	56.89 3.32 0.00	50.08 2.79 0.00
GLENWOOD____4 23550	51.90 3.59 -0.41	47.65 3.08 0.00	44.92 2.82 -0.06	43.90 2.60 0.00	44.81 2.70 0.00	52.00 2.89 -7.17	72.23 3.67 -0.54	78.63 4.27 -0.61	70.97 4.35 -0.27	63.37 4.37 0.00	60.90 4.30 0.00	58.51 4.58 0.00	57.32 4.68 -0.01	56.85 4.60 -0.01	59.80 4.74 0.00	64.59 4.34 -5.34	75.70 5.12 -4.94	86.20 6.16 0.00	78.47 5.81 0.00	70.72 5.06 0.00	67.06 4.74 0.00	61.09 4.16 0.00	57.21 3.64 0.00	50.37 3.07 0.00
GLENWOOD____5 23614	51.90 3.59 -0.41	47.65 3.08 0.00	44.92 2.82 -0.06	43.90 2.60 0.00	44.81 2.70 0.00	52.00 2.89 -7.17	72.23 3.67 -0.54	78.63 4.27 -0.61	70.97 4.35 -0.27	63.37 4.37 0.00	60.90 4.30 0.00	58.51 4.58 0.00	57.32 4.68 -0.01	56.85 4.60 -0.01	59.80 4.74 0.00	64.59 4.34 -5.34	75.70 5.12 -4.94	86.20 6.16 0.00	78.47 5.81 0.00	70.72 5.06 0.00	67.06 4.74 0.00	61.09 4.16 0.00	57.21 3.64 0.00	50.37 3.07 0.00
GLOBAL GREEN_PORT_GT1 23814	54.82 6.51 -0.41	50.15 5.57 0.00	47.06 4.96 -0.06	46.05 4.75 0.00	47.04 4.93 0.00	54.39 5.28 -7.17	74.61 6.05 -0.54	81.65 7.37 -0.61	73.10 6.38 -0.27	65.96 6.96 0.00	63.56 6.96 0.00	61.37 7.44 0.00	59.90 7.26 -0.02	59.15 6.90 -0.02	62.15 7.05 -0.04	66.19 5.93 -5.34	77.61 7.03 -4.94	87.56 7.52 0.00	80.65 7.99 0.00	72.23 6.57 0.00	68.06 5.73 0.00	61.94 5.01 0.00	58.02 4.44 0.00	51.50 4.21 0.00
GLOBE____DSASP 323697	44.60 -3.35 -0.05	42.44 -2.14 0.00	39.69 -2.35 -0.01	38.66 -2.64 0.00	39.30 -2.82 0.00	39.90 -2.98 -0.94	62.18 -5.92 -0.07	66.75 -7.00 -0.08	59.24 -7.24 -0.04	53.57 -5.43 0.00	51.11 -5.49 0.00	48.53 -5.39 0.00	46.89 -5.74 0.00	46.86 -5.38 0.00	49.39 -5.67 0.00	50.20 -5.55 -0.83	60.17 -6.24 -0.76	72.35 -7.68 0.00	65.83 -6.83 0.00	58.77 -6.90 0.00	56.22 -6.11 0.00	52.15 -4.78 0.00	50.36 -3.21 0.00	45.07 -2.22 0.00
GOETHSLN____LBMP 323567	51.22 2.92 -0.40	47.12 2.54 0.00	44.50 2.40 -0.06	43.45 2.15 0.00	44.35 2.23 0.00	51.41 2.31 -7.17	72.37 3.81 -0.54	78.55 4.27 -0.61	70.92 4.19 -0.28	67.53 4.25 -4.28	61.09 3.91 -0.59	64.07 4.04 -6.10	64.01 4.10 -7.29	63.91 4.07 -7.60	63.96 4.13 -4.77	66.49 3.79 -7.79	74.98 4.40 -4.94	85.64 5.60 0.00	77.60 4.94 0.00	70.07 4.40 0.00	66.64 4.30 -0.02	60.76 3.81 -0.02	56.73 3.16 0.00	49.85 2.55 0.00
GOLAH____69_KV_TB 1_2 80279	46.65 -1.29 -0.04	43.60 -0.98 0.00	40.86 -1.18 -0.01	40.48 -0.83 0.00	41.23 -0.88 0.00	41.61 -1.09 -0.77	66.25 -1.84 -0.06	71.67 -2.06 -0.07	63.69 -2.79 -0.03	57.17 -1.83 0.00	54.67 -1.92 0.00	51.87 -2.05 0.00	50.31 -2.32 0.00	50.15 -2.09 0.00	52.91 -2.15 0.00	53.48 -2.09 -0.65	64.01 -2.23 -0.60	77.07 -2.96 0.00	70.05 -2.62 0.00	62.84 -2.82 0.00	59.96 -2.37 0.00	55.17 -1.76 0.00	52.77 -0.80 0.00	47.06 -0.24 0.00
GOODYEAR_LAKE_HYD 323669	49.33 1.29 -0.14	45.82 1.25 0.00	43.23 1.18 -0.02	42.42 1.12 0.00	43.30 1.18 0.00	45.61 1.22 -2.47	70.32 2.11 -0.18	76.16 2.28 -0.21	68.67 2.13 -0.09	60.83 1.83 0.00	58.35 1.75 0.00	55.70 1.78 0.00	54.31 1.68 0.00	54.07 1.83 0.00	56.99 1.93 0.00	58.49 1.76 -1.81	69.35 2.03 -1.68	82.76 2.72 0.00	75.13 2.47 0.00	67.90 2.23 0.00	64.51 2.18 0.00	58.87 1.94 0.00	55.29 1.71 0.00	48.71 1.42 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.84 -0.19 -0.13	44.75 0.18 0.00	42.14 0.08 -0.02	41.38 0.08 0.00	42.24 0.13 0.00	44.20 -0.13 -2.39	68.13 -0.07 -0.18	73.80 -0.07 -0.20	66.47 -0.07 -0.09	59.12 0.12 0.00	56.54 -0.06 0.00	53.82 -0.11 0.00	52.36 -0.26 0.00	52.08 -0.16 0.00	54.90 -0.17 0.00	56.10 -0.60 -1.79	66.84 -0.46 -1.66	80.04 0.00 0.00	72.66 0.00 0.00	65.54 -0.13 0.00	62.39 0.06 0.00	57.05 0.11 0.00	53.84 0.27 0.00	47.67 0.38 0.00

GOUDEY___7 23579	47.84 -0.19 -0.13	44.75 0.18 0.00	42.14 0.08 -0.02	41.38 0.08 0.00	42.24 0.13 0.00	44.20 -0.13 -2.39	68.13 -0.07 -0.18	73.80 -0.07 -0.20	66.47 -0.07 -0.09	59.12 0.12 0.00	56.54 -0.06 0.00	53.82 -0.11 0.00	52.36 -0.26 0.00	52.08 -0.16 0.00	54.90 -0.17 0.00	56.10 -0.60 -1.79	66.84 -0.46 -1.66	80.04 0.00 0.00	72.66 0.00 0.00	65.54 -0.13 0.00	62.39 0.06 0.00	57.05 0.11 0.00	53.84 0.27 0.00	47.67 0.38 0.00
GOUDEY___8 23580	47.84 -0.19 -0.13	44.75 0.18 0.00	42.14 0.08 -0.02	41.38 0.08 0.00	42.24 0.13 0.00	44.20 -0.13 -2.39	68.13 -0.07 -0.18	73.80 -0.07 -0.20	66.47 -0.07 -0.09	59.12 0.12 0.00	56.54 -0.06 0.00	53.82 -0.11 0.00	52.36 -0.26 0.00	52.08 -0.16 0.00	54.90 -0.17 0.00	56.10 -0.60 -1.79	66.84 -0.46 -1.66	80.04 0.00 0.00	72.66 0.00 0.00	65.54 -0.13 0.00	62.39 0.06 0.00	57.05 0.11 0.00	53.84 0.27 0.00	47.67 0.38 0.00
GOWANUS_GT1_1 24077	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.66 4.47 -0.59	63.81 3.67 -6.22	63.78 3.74 -7.42	63.63 3.66 -7.74	63.66 3.74 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT1_2 24078	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.66 4.47 -0.59	63.81 3.67 -6.22	63.78 3.74 -7.42	63.63 3.66 -7.74	63.66 3.74 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT1_3 24079	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.66 4.47 -0.59	63.81 3.67 -6.22	63.78 3.74 -7.42	63.63 3.66 -7.74	63.66 3.74 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT1_4 24080	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.66 4.47 -0.59	63.81 3.67 -6.22	63.78 3.74 -7.42	63.63 3.66 -7.74	63.66 3.74 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT1_5 24084	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.66 4.47 -0.59	63.81 3.67 -6.22	63.78 3.74 -7.42	63.63 3.66 -7.74	63.66 3.74 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT1_6 24111	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.66 4.47 -0.59	63.81 3.67 -6.22	63.78 3.74 -7.42	63.63 3.66 -7.74	63.66 3.74 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT1_7 24112	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.66 4.47 -0.59	63.81 3.67 -6.22	63.78 3.74 -7.42	63.63 3.66 -7.74	63.66 3.74 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT1_8 24113	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.66 4.47 -0.59	63.81 3.67 -6.22	63.78 3.74 -7.42	63.63 3.66 -7.74	63.66 3.74 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT2_1 24114	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT2_2 24115	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT2_3 24116	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT2_4 24117	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT2_5 24118	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01

GOWANUS_GT2_6 24119	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT2_7 24120	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT2_8 24121	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT3_1 24122	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT3_2 24123	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT3_3 24124	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT3_4 24125	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT3_5 24126	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT3_6 24127	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT3_7 24128	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT3_8 24129	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
GOWANUS_GT4_1 24130	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.66 4.47 -0.59	63.72 3.67 -6.13	63.68 3.74 -7.32	63.53 3.66 -7.63	63.60 3.74 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT4_2 24131	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.66 4.47 -0.59	63.72 3.67 -6.13	63.68 3.74 -7.32	63.53 3.66 -7.63	63.60 3.74 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT4_3 24132	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.66 4.47 -0.59	63.72 3.67 -6.13	63.68 3.74 -7.32	63.53 3.66 -7.63	63.60 3.74 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT4_4 24133	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.66 4.47 -0.59	63.72 3.67 -6.13	63.68 3.74 -7.32	63.53 3.66 -7.63	63.60 3.74 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00

GOWANUS_GT4_5 24134	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.66 4.47 -0.59	63.72 3.67 -6.13	63.68 3.74 -7.32	63.53 3.66 -7.63	63.60 3.74 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT4_6 24135	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.66 4.47 -0.59	63.72 3.67 -6.13	63.68 3.74 -7.32	63.53 3.66 -7.63	63.60 3.74 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT4_7 24136	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.66 4.47 -0.59	63.72 3.67 -6.13	63.68 3.74 -7.32	63.53 3.66 -7.63	63.60 3.74 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GOWANUS_GT4_8 24137	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.66 4.47 -0.59	63.72 3.67 -6.13	63.68 3.74 -7.32	63.53 3.66 -7.63	63.60 3.74 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GREATVRV_69_KV_BK1 356245	53.77 5.46 -0.41	49.17 4.59 0.00	46.18 4.08 -0.06	45.14 3.84 0.00	46.16 4.04 0.00	53.51 4.40 -7.17	73.19 4.63 -0.54	79.95 5.67 -0.61	72.03 5.32 -0.27	64.78 5.78 0.00	62.26 5.66 0.00	60.29 6.36 0.00	59.32 6.68 -0.02	58.84 6.58 -0.02	61.58 6.50 -0.02	66.18 5.93 -5.34	77.67 7.09 -4.94	88.20 8.16 0.00	80.94 8.28 0.00	72.76 7.09 0.00	68.81 6.48 0.00	62.51 5.58 0.00	58.77 5.20 0.00	51.83 4.54 0.00
GREENBSH_115KV_TB3 55895	49.35 0.96 -0.50	45.56 0.98 0.00	43.12 1.01 -0.08	42.33 1.03 0.00	43.09 0.97 0.00	51.62 0.84 -8.85	69.98 1.29 -0.66	75.75 1.33 -0.76	68.04 1.26 -0.33	59.95 0.94 0.00	57.50 0.91 0.00	54.79 0.86 0.00	53.52 0.89 0.00	53.07 0.84 0.00	55.94 0.88 0.00	62.69 1.15 -6.62	73.15 1.38 -6.13	81.72 1.68 0.00	74.19 1.53 0.00	67.11 1.44 0.00	63.45 1.12 0.00	57.84 0.91 0.00	54.16 0.59 0.00	47.91 0.61 0.00
GREENDGE_115KV_TB5 80291	46.74 -1.25 -0.09	44.53 -0.04 0.00	41.67 -0.38 -0.01	41.05 -0.25 0.00	42.03 -0.08 0.00	42.53 -0.96 -1.56	65.96 -2.18 -0.12	70.93 -2.87 -0.13	64.05 -2.46 -0.06	57.41 -1.59 0.00	54.28 -2.32 0.00	52.04 -1.89 0.00	50.31 -2.32 0.00	50.20 -2.04 0.00	53.02 -2.04 0.00	54.78 -1.48 -1.34	65.51 -1.38 -1.24	78.28 -1.76 0.00	72.15 -0.51 0.00	65.34 -0.33 0.00	62.57 0.25 0.00	57.27 0.34 0.00	54.27 0.70 0.00	48.62 1.32 0.00
GREENIDGE___3 23582	46.74 -1.25 -0.09	44.53 -0.04 0.00	41.67 -0.38 -0.01	41.05 -0.25 0.00	42.03 -0.08 0.00	42.53 -0.96 -1.56	65.96 -2.18 -0.12	70.93 -2.87 -0.13	64.05 -2.46 -0.06	57.41 -1.59 0.00	54.28 -2.32 0.00	52.04 -1.89 0.00	50.31 -2.32 0.00	50.20 -2.04 0.00	53.02 -2.04 0.00	54.78 -1.48 -1.34	65.51 -1.38 -1.24	78.28 -1.76 0.00	72.15 -0.51 0.00	65.34 -0.33 0.00	62.57 0.25 0.00	57.27 0.34 0.00	54.27 0.70 0.00	48.62 1.32 0.00
GREENIDGE___4 23583	46.74 -1.25 -0.09	44.58 0.00 0.00	41.80 -0.25 -0.01	41.01 -0.29 0.00	42.12 0.00 0.00	42.53 -0.96 -1.56	65.96 -2.18 -0.12	72.48 -1.32 -0.13	64.58 -1.93 -0.06	57.41 -1.59 0.00	54.22 -2.37 0.00	51.98 -1.94 0.00	50.31 -2.31 0.00	50.20 -2.04 0.00	53.02 -2.04 0.00	54.78 -1.48 -1.34	65.50 -1.38 -1.24	78.27 -1.76 0.00	72.16 -0.51 0.00	65.34 -0.33 0.00	62.58 0.25 0.00	57.28 0.34 0.00	54.27 0.69 0.00	48.61 1.32 0.00
GREENLWN_69_KV_BK 3 55738	52.43 4.12 -0.41	47.96 3.39 0.00	45.13 3.03 -0.06	44.11 2.81 0.00	45.07 2.95 0.00	52.34 3.23 -7.17	71.01 2.45 -0.54	77.45 3.17 -0.61	69.97 3.26 -0.27	63.07 4.07 0.00	60.56 3.96 0.00	58.72 4.80 0.00	57.79 5.16 -0.02	57.32 5.07 -0.02	60.12 5.07 0.00	64.43 4.17 -5.34	75.37 4.79 -4.94	85.40 5.36 0.00	78.33 5.67 0.00	70.46 4.79 0.00	66.69 4.36 0.00	60.69 3.76 0.00	57.32 3.75 0.00	50.65 3.36 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.66 4.47 -0.59	63.81 3.67 -6.22	63.78 3.74 -7.42	63.63 3.66 -7.74	63.66 3.74 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00
GRISSOM___SOLAR 323813	50.33 1.87 -0.57	46.36 1.78 0.00	43.81 1.68 -0.09	42.96 1.65 0.00	43.84 1.73 0.00	53.99 1.89 -10.17	71.91 3.13 -0.76	78.07 3.54 -0.87	69.09 2.26 -0.38	60.12 1.12 0.00	57.45 0.85 0.00	54.52 0.59 0.00	53.15 0.53 0.00	53.18 0.94 0.00	56.49 1.43 0.00	64.47 2.03 -7.52	75.16 2.56 -6.96	83.47 3.44 0.00	76.22 3.56 0.00	68.82 3.15 0.00	65.19 2.87 0.00	59.61 2.68 0.00	55.93 2.35 0.00	49.14 1.84 0.00
GROVEVILLE___HYD 323602	51.13 2.83 -0.40	47.07 2.50 0.00	44.45 2.35 -0.06	43.49 2.19 0.00	44.39 2.27 0.00	51.44 2.31 -7.20	72.44 3.88 -0.54	78.56 4.27 -0.62	70.84 4.12 -0.27	62.95 3.95 0.00	60.33 3.74 0.00	57.54 3.61 0.00	56.25 3.63 0.00	55.84 3.60 0.00	58.75 3.69 0.00	63.84 3.57 -5.36	74.87 4.27 -4.96	85.40 5.36 0.00	77.31 4.65 0.00	69.87 4.20 0.00	66.38 4.05 0.00	60.52 3.59 0.00	56.57 3.00 0.00	49.80 2.51 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	47.36 -0.57 -0.04	44.09 -0.49 0.00	41.54 -0.50 -0.01	40.76 -0.54 0.00	41.65 -0.46 0.00	42.18 -0.50 -0.75	67.40 -0.68 -0.06	73.07 -0.66 -0.06	65.81 -0.66 -0.03	58.53 -0.47 0.00	56.14 -0.45 0.00	53.38 -0.54 0.00	52.04 -0.58 0.00	51.72 -0.52 0.00	54.51 -0.55 0.00	54.77 -0.71 -0.57	65.45 -0.72 -0.53	79.16 -0.88 0.00	71.79 -0.87 0.00	64.81 -0.85 0.00	61.58 -0.75 0.00	56.31 -0.63 0.00	53.09 -0.48 0.00	46.87 -0.43 0.00
HAMLTNNY_34_KV_TB 80303	47.41 -0.53 -0.04	44.13 -0.45 0.00	41.54 -0.50 -0.01	40.81 -0.50 0.00	41.70 -0.42 0.00	42.26 -0.46 -0.79	67.54 -0.54 -0.06	73.22 -0.52 -0.07	65.82 -0.66 -0.03	58.59 -0.41 0.00	56.14 -0.45 0.00	53.38 -0.54 0.00	52.04 -0.58 0.00	51.72 -0.52 0.00	54.57 -0.50 0.00	54.81 -0.71 -0.60	65.54 -0.66 -0.56	79.24 -0.80 0.00	71.86 -0.80 0.00	64.88 -0.79 0.00	61.64 -0.69 0.00	56.36 -0.57 0.00	53.20 -0.37 0.00	46.96 -0.33 0.00

HAMPSHIRE___PAPER_HYD 323593	46.95 -0.96 -0.01	43.69 -0.89 0.00	41.24 -0.80 0.00	40.52 -0.79 0.00	41.32 -0.80 0.00	41.02 -1.13 -0.21	65.80 -2.24 -0.02	70.81 -2.87 -0.02	64.40 -2.06 -0.01	56.29 -2.71 0.00	54.61 -1.98 0.00	51.98 -1.94 0.00	50.57 -2.05 0.00	50.20 -2.04 0.00	52.86 -2.20 0.00	53.10 -1.97 -0.16	62.58 -3.21 -0.15	76.28 -3.76 0.00	69.54 -3.12 0.00	63.37 -2.30 0.00	60.65 -1.68 0.00	56.02 -0.91 0.00	53.52 -0.05 0.00	47.34 0.05 0.00
HARDSCRABBLE_WT_PWR 323673	50.05 2.16 0.00	46.63 2.05 0.00	44.01 1.98 0.00	43.24 1.94 0.00	44.14 2.02 0.00	43.86 1.93 0.00	71.22 3.20 0.00	77.20 3.54 0.00	69.57 3.12 0.00	61.72 2.72 0.00	59.20 2.60 0.00	56.51 2.59 0.00	55.04 2.42 0.00	54.64 2.40 0.00	57.48 2.42 0.00	57.28 2.36 0.00	68.33 2.69 0.00	83.32 3.28 0.00	75.57 2.91 0.00	68.23 2.56 0.00	64.75 2.43 0.00	59.15 2.22 0.00	55.66 2.09 0.00	49.14 1.84 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.91 2.63 -0.38	46.89 2.32 0.00	44.28 2.19 -0.06	43.33 2.02 0.00	44.18 2.06 0.00	50.83 2.14 -6.76	72.13 3.61 -0.51	78.30 4.05 -0.58	70.49 3.79 -0.25	62.72 3.72 0.00	60.11 3.51 0.00	57.37 3.45 0.00	56.04 3.42 0.00	55.63 3.40 0.00	58.59 3.52 0.00	63.35 3.40 -5.03	74.36 4.07 -4.65	85.16 5.12 0.00	77.17 4.51 0.00	69.67 4.01 0.00	66.19 3.86 0.00	60.35 3.42 0.00	56.41 2.84 0.00	49.66 2.36 0.00
HARSNRAD_115KV_TB1 81005	44.74 -3.21 -0.05	42.48 -2.10 0.00	39.69 -2.35 -0.01	39.73 -1.57 0.00	40.43 -1.68 0.00	40.05 -2.81 -0.93	63.40 -4.69 -0.07	68.15 -5.60 -0.08	60.64 -5.85 -0.03	54.69 -4.31 0.00	52.18 -4.41 0.00	49.50 -4.42 0.00	47.83 -4.79 0.00	47.80 -4.44 0.00	50.44 -4.63 0.00	51.12 -4.61 -0.81	61.34 -5.05 -0.75	74.19 -5.84 0.00	67.50 -5.16 0.00	60.22 -5.45 0.00	57.59 -4.74 0.00	53.40 -3.53 0.00	51.48 -2.09 0.00	46.25 -1.04 0.00
HARZA MOOSE___RIVER 24016	48.01 0.10 -0.01	44.93 0.36 0.00	42.42 0.38 0.00	41.67 0.37 0.00	42.54 0.42 0.00	42.35 0.17 -0.25	68.38 0.34 -0.02	74.35 0.66 -0.02	66.99 0.53 -0.01	59.00 0.00 0.00	56.65 0.06 0.00	54.03 0.11 0.00	52.67 0.05 0.00	52.34 0.10 0.00	55.17 0.11 0.00	55.22 0.11 -0.19	65.68 -0.13 -0.17	80.20 0.16 0.00	72.88 0.22 0.00	66.26 0.59 0.00	63.20 0.87 0.00	57.79 0.85 0.00	54.54 0.96 0.00	48.14 0.85 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.03 -0.91 -0.04	43.77 -0.80 0.00	41.24 -0.80 -0.01	40.52 -0.78 0.00	41.36 -0.76 0.00	41.89 -0.75 -0.71	66.85 -1.22 -0.05	72.48 -1.25 -0.06	65.28 -1.20 -0.03	58.12 -0.89 0.00	55.69 -0.91 0.00	52.95 -0.97 0.00	51.67 -0.95 0.00	51.30 -0.94 0.00	54.13 -0.94 0.00	54.30 -1.15 -0.53	64.89 -1.25 -0.49	78.52 -1.52 0.00	71.21 -1.45 0.00	64.29 -1.38 0.00	61.08 -1.25 0.00	55.85 -1.08 0.00	52.71 -0.86 0.00	46.58 -0.71 0.00
HELLGATE_13_KV_LD 55870	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.99 2.86 -0.01	52.05 2.94 -7.18	73.12 4.56 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.77 4.43 -4.34	61.72 4.53 -0.59	64.32 4.21 -6.19	64.27 4.26 -7.39	64.12 4.18 -7.70	64.19 4.29 -4.84	67.13 4.39 -7.82	75.63 5.05 -4.94	86.36 6.32 0.00	78.26 5.59 0.00	70.79 5.12 0.00	67.33 4.99 -0.02	61.33 4.38 -0.02	57.37 3.80 0.00	50.56 3.26 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.99 2.86 -0.01	52.05 2.94 -7.18	73.12 4.56 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.77 4.43 -4.34	61.72 4.53 -0.59	64.32 4.21 -6.19	64.27 4.26 -7.39	64.12 4.18 -7.70	64.19 4.29 -4.84	67.13 4.39 -7.82	75.63 5.05 -4.94	86.36 6.32 0.00	78.26 5.59 0.00	70.79 5.12 0.00	67.33 4.99 -0.02	61.33 4.38 -0.02	57.37 3.80 0.00	50.56 3.26 0.00
HEMPSTEAD____ 23647	52.14 3.83 -0.41	47.79 3.21 0.00	44.96 2.86 -0.06	43.95 2.65 0.00	44.85 2.74 0.00	52.13 3.02 -7.17	71.76 3.20 -0.54	78.18 3.90 -0.61	70.44 3.72 -0.27	63.19 4.19 0.00	60.95 4.36 0.00	58.78 4.86 0.00	57.53 4.89 -0.01	57.00 4.75 -0.01	60.02 4.96 0.00	64.59 4.34 -5.34	75.70 5.12 -4.94	86.04 6.01 0.00	78.54 5.88 0.00	70.72 5.06 0.00	66.87 4.55 0.00	60.92 3.98 0.00	57.26 3.69 0.00	50.46 3.17 0.00
HICKLING___1 23621	45.74 -2.25 -0.09	43.82 -0.76 0.00	40.96 -1.09 -0.01	40.39 -0.91 0.00	41.32 -0.80 0.00	41.69 -1.89 -1.64	65.29 -2.86 -0.12	70.49 -3.32 -0.14	63.46 -3.06 -0.06	56.82 -2.18 0.00	53.88 -2.72 0.00	51.17 -2.75 0.00	49.46 -3.16 0.00	49.31 -2.93 0.00	52.03 -3.03 0.00	54.67 -1.70 -1.46	65.48 -1.51 -1.35	79.24 -0.80 0.00	72.08 -0.58 0.00	64.88 -0.79 0.00	61.95 -0.37 0.00	56.82 -0.11 0.00	53.89 0.32 0.00	47.86 0.57 0.00
HICKLING___2 23622	45.74 -2.25 -0.09	43.82 -0.76 0.00	40.96 -1.09 -0.01	40.39 -0.91 0.00	41.32 -0.80 0.00	41.69 -1.89 -1.64	65.29 -2.86 -0.12	70.49 -3.32 -0.14	63.46 -3.06 -0.06	56.82 -2.18 0.00	53.88 -2.72 0.00	51.17 -2.75 0.00	49.46 -3.16 0.00	49.31 -2.93 0.00	52.03 -3.03 0.00	54.67 -1.70 -1.46	65.48 -1.51 -1.35	79.24 -0.80 0.00	72.08 -0.58 0.00	64.88 -0.79 0.00	61.95 -0.37 0.00	56.82 -0.11 0.00	53.89 0.32 0.00	47.86 0.57 0.00
HIGH FALLS___HY 23754	51.17 2.87 -0.40	47.07 2.50 0.00	44.45 2.35 -0.06	43.45 2.15 0.00	44.35 2.23 0.00	51.47 2.35 -7.19	72.64 4.08 -0.54	78.78 4.49 -0.61	70.91 4.19 -0.27	63.01 4.01 0.00	60.33 3.74 0.00	57.48 3.56 0.00	56.20 3.58 0.00	55.79 3.55 0.00	58.75 3.69 0.00	63.84 3.57 -5.35	74.93 4.33 -4.95	85.56 5.52 0.00	77.46 4.80 0.00	70.07 4.40 0.00	66.56 4.24 0.00	60.75 3.81 0.00	56.79 3.21 0.00	49.94 2.65 0.00
HIGH_RIVER___SOLAR 323847	50.37 1.92 -0.55	46.40 1.83 0.00	43.85 1.72 -0.09	43.00 1.69 0.00	43.89 1.77 0.00	53.73 1.93 -9.87	71.96 3.20 -0.74	77.90 3.39 -0.84	69.01 2.19 -0.37	60.00 1.00 0.00	57.39 0.79 0.00	54.52 0.59 0.00	53.15 0.53 0.00	53.23 0.99 0.00	56.49 1.43 0.00	64.13 1.92 -7.29	74.95 2.56 -6.75	83.55 3.52 0.00	75.78 3.12 0.00	68.49 2.82 0.00	64.88 2.56 0.00	59.27 2.34 0.00	55.61 2.04 0.00	48.90 1.61 0.00
HILLBURN___GT 23639	50.91 2.63 -0.39	46.89 2.32 0.00	44.24 2.14 -0.06	43.28 1.98 0.00	44.14 2.02 0.00	50.92 2.14 -6.85	72.07 3.54 -0.51	78.30 4.05 -0.59	70.49 3.79 -0.26	62.66 3.66 0.00	60.11 3.51 0.00	57.43 3.50 0.00	56.09 3.47 0.00	55.69 3.45 0.00	58.59 3.53 0.00	63.42 3.41 -5.09	74.43 4.07 -4.72	85.24 5.20 0.00	77.24 4.58 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.35 3.42 0.00	56.41 2.84 0.00	49.61 2.32 0.00
HILLSIDE_115KV_TB1 80332	45.07 -2.92 -0.10	43.24 -1.34 0.00	40.41 -1.64 -0.02	39.86 -1.45 0.00	40.77 -1.35 0.00	41.15 -2.47 -1.70	64.34 -3.81 -0.13	69.39 -4.42 -0.15	62.53 -3.99 -0.06	55.99 -3.01 0.00	53.09 -3.51 0.00	50.42 -3.51 0.00	48.73 -3.89 0.00	48.63 -3.60 0.00	51.32 -3.74 0.00	54.17 -2.25 -1.50	64.80 -2.23 -1.39	78.44 -1.60 0.00	71.28 -1.38 0.00	64.16 -1.51 0.00	61.20 -1.12 0.00	56.14 -0.80 0.00	53.14 -0.43 0.00	47.20 -0.09 0.00

HISHELDN_WT_PWR 323625	44.89 -3.07 -0.06	42.97 -1.60 0.00	40.28 -1.76 -0.01	39.61 -1.70 0.00	40.60 -1.51 0.00	40.33 -2.72 -1.12	63.62 -4.49 -0.08	69.86 -3.91 -0.10	61.51 -4.98 -0.04	55.17 -3.83 0.00	52.18 -4.41 0.00	49.45 -4.48 0.00	47.83 -4.79 0.00	47.75 -4.49 0.00	50.44 -4.62 0.00	51.46 -4.45 -0.99	61.90 -4.66 -0.92	75.63 -4.40 0.00	68.88 -3.78 0.00	61.66 -4.01 0.00	59.08 -3.24 0.00	54.54 -2.39 0.00	52.34 -1.23 0.00	46.77 -0.52 0.00
HOLTSVILLE_IC_1 23690	52.95 4.64 -0.41	48.41 3.83 0.00	45.46 3.36 -0.06	44.48 3.18 0.00	45.40 3.29 0.00	52.75 3.65 -7.17	71.69 3.13 -0.54	78.26 3.98 -0.61	70.44 3.72 -0.27	63.72 4.72 0.00	61.52 4.92 0.00	59.58 5.66 0.00	58.37 5.74 -0.02	57.85 5.59 -0.02	60.83 5.73 -0.04	64.98 4.72 -5.34	76.03 5.45 -4.94	85.96 5.92 0.00	79.06 6.40 0.00	71.11 5.45 0.00	67.13 4.80 0.00	61.26 4.32 0.00	57.75 4.18 0.00	50.98 3.69 0.00
HOLTSVILLE_IC_10 23699	53.24 4.93 -0.41	48.67 4.10 0.00	45.71 3.62 -0.06	44.69 3.39 0.00	45.66 3.54 0.00	53.01 3.90 -7.17	72.10 3.54 -0.54	78.70 4.42 -0.61	70.91 4.19 -0.27	64.13 5.13 0.00	61.86 5.26 0.00	59.96 6.04 0.00	58.74 6.10 -0.02	58.21 5.95 -0.02	61.21 6.11 -0.04	65.36 5.11 -5.34	76.55 5.97 -4.94	86.52 6.48 0.00	79.64 6.98 0.00	71.58 5.91 0.00	67.62 5.29 0.00	61.72 4.78 0.00	58.07 4.50 0.00	51.27 3.97 0.00
HOLTSVILLE_IC_2 23691	52.95 4.64 -0.41	48.41 3.83 0.00	45.46 3.36 -0.06	44.48 3.18 0.00	45.40 3.29 0.00	52.75 3.65 -7.17	71.69 3.13 -0.54	78.26 3.98 -0.61	70.44 3.72 -0.27	63.72 4.72 0.00	61.52 4.92 0.00	59.58 5.66 0.00	58.37 5.74 -0.02	57.85 5.59 -0.02	60.83 5.73 -0.04	64.98 4.72 -5.34	76.03 5.45 -4.94	85.96 5.92 0.00	79.06 6.40 0.00	71.11 5.45 0.00	67.13 4.80 0.00	61.26 4.32 0.00	57.75 4.18 0.00	50.98 3.69 0.00
HOLTSVILLE_IC_3 23692	52.95 4.64 -0.41	48.41 3.83 0.00	45.46 3.36 -0.06	44.48 3.18 0.00	45.40 3.29 0.00	52.75 3.65 -7.17	71.69 3.13 -0.54	78.26 3.98 -0.61	70.44 3.72 -0.27	63.72 4.72 0.00	61.52 4.92 0.00	59.58 5.66 0.00	58.37 5.74 -0.02	57.85 5.59 -0.02	60.83 5.73 -0.04	64.98 4.72 -5.34	76.03 5.45 -4.94	85.96 5.92 0.00	79.06 6.40 0.00	71.11 5.45 0.00	67.13 4.80 0.00	61.26 4.32 0.00	57.75 4.18 0.00	50.98 3.69 0.00
HOLTSVILLE_IC_4 23693	52.95 4.64 -0.41	48.41 3.83 0.00	45.46 3.36 -0.06	44.48 3.18 0.00	45.40 3.29 0.00	52.75 3.65 -7.17	71.69 3.13 -0.54	78.26 3.98 -0.61	70.44 3.72 -0.27	63.72 4.72 0.00	61.52 4.92 0.00	59.58 5.66 0.00	58.37 5.74 -0.02	57.85 5.59 -0.02	60.83 5.73 -0.04	64.98 4.72 -5.34	76.03 5.45 -4.94	85.96 5.92 0.00	79.06 6.40 0.00	71.11 5.45 0.00	67.13 4.80 0.00	61.26 4.32 0.00	57.75 4.18 0.00	50.98 3.69 0.00
HOLTSVILLE_IC_5 23694	52.95 4.64 -0.41	48.41 3.83 0.00	45.46 3.36 -0.06	44.48 3.18 0.00	45.40 3.29 0.00	52.75 3.65 -7.17	71.69 3.13 -0.54	78.26 3.98 -0.61	70.44 3.72 -0.27	63.72 4.72 0.00	61.52 4.92 0.00	59.58 5.66 0.00	58.37 5.74 -0.02	57.85 5.59 -0.02	60.83 5.73 -0.04	64.98 4.72 -5.34	76.03 5.45 -4.94	85.96 5.92 0.00	79.06 6.40 0.00	71.11 5.45 0.00	67.13 4.80 0.00	61.26 4.32 0.00	57.75 4.18 0.00	50.98 3.69 0.00
HOLTSVILLE_IC_6 23695	53.24 4.93 -0.41	48.67 4.10 0.00	45.71 3.62 -0.06	44.69 3.39 0.00	45.66 3.54 0.00	53.01 3.90 -7.17	72.10 3.54 -0.54	78.70 4.42 -0.61	70.91 4.19 -0.27	64.13 5.13 0.00	61.86 5.26 0.00	59.96 6.04 0.00	58.74 6.10 -0.02	58.21 5.95 -0.02	61.21 6.11 -0.04	65.36 5.11 -5.34	76.55 5.97 -4.94	86.52 6.48 0.00	79.64 6.98 0.00	71.58 5.91 0.00	67.62 5.29 0.00	61.72 4.78 0.00	58.07 4.50 0.00	51.27 3.97 0.00
HOLTSVILLE_IC_7 23696	53.24 4.93 -0.41	48.67 4.10 0.00	45.71 3.62 -0.06	44.69 3.39 0.00	45.66 3.54 0.00	53.01 3.90 -7.17	72.10 3.54 -0.54	78.70 4.42 -0.61	70.91 4.19 -0.27	64.13 5.13 0.00	61.86 5.26 0.00	59.96 6.04 0.00	58.74 6.10 -0.02	58.21 5.95 -0.02	61.21 6.11 -0.04	65.36 5.11 -5.34	76.55 5.97 -4.94	86.52 6.48 0.00	79.64 6.98 0.00	71.58 5.91 0.00	67.62 5.29 0.00	61.72 4.78 0.00	58.07 4.50 0.00	51.27 3.97 0.00
HOLTSVILLE_IC_8 23697	53.24 4.93 -0.41	48.67 4.10 0.00	45.71 3.62 -0.06	44.69 3.39 0.00	45.66 3.54 0.00	53.01 3.90 -7.17	72.10 3.54 -0.54	78.70 4.42 -0.61	70.91 4.19 -0.27	64.13 5.13 0.00	61.86 5.26 0.00	59.96 6.04 0.00	58.74 6.10 -0.02	58.21 5.95 -0.02	61.21 6.11 -0.04	65.36 5.11 -5.34	76.55 5.97 -4.94	86.52 6.48 0.00	79.64 6.98 0.00	71.58 5.91 0.00	67.62 5.29 0.00	61.72 4.78 0.00	58.07 4.50 0.00	51.27 3.97 0.00
HOLTSVILLE_IC_9 23698	53.24 4.93 -0.41	48.67 4.10 0.00	45.71 3.62 -0.06	44.69 3.39 0.00	45.66 3.54 0.00	53.01 3.90 -7.17	72.10 3.54 -0.54	78.70 4.42 -0.61	70.91 4.19 -0.27	64.13 5.13 0.00	61.86 5.26 0.00	59.96 6.04 0.00	58.74 6.10 -0.02	58.21 5.95 -0.02	61.21 6.11 -0.04	65.36 5.11 -5.34	76.55 5.97 -4.94	86.52 6.48 0.00	79.64 6.98 0.00	71.58 5.91 0.00	67.62 5.29 0.00	61.72 4.78 0.00	58.07 4.50 0.00	51.27 3.97 0.00
HOMER_HL_115KV_TB2 355744	44.08 -3.88 -0.06	43.42 -1.16 0.00	40.53 -1.51 -0.01	40.10 -1.20 0.00	40.90 -1.22 0.00	39.75 -3.31 -1.13	63.14 -4.97 -0.08	68.24 -5.53 -0.10	62.51 -3.99 -0.04	55.93 -3.07 0.00	53.14 -3.45 0.00	50.42 -3.51 0.00	48.57 -4.05 0.00	48.53 -3.71 0.00	51.21 -3.85 0.00	50.80 -5.16 -1.05	61.29 -5.32 -0.97	77.15 -2.88 0.00	70.12 -2.54 0.00	62.65 -3.02 0.00	59.96 -2.37 0.00	55.17 -1.76 0.00	52.82 -0.75 0.00	47.06 -0.24 0.00
HOWARD_WT_PWR 323690	45.20 -2.78 -0.08	43.28 -1.29 0.00	40.49 -1.55 -0.01	39.77 -1.53 0.00	40.81 -1.31 0.00	40.95 -2.43 -1.45	64.32 -3.81 -0.11	70.92 -2.87 -0.12	62.25 -4.25 -0.05	55.46 -3.54 0.00	52.24 -4.36 0.00	49.72 -4.21 0.00	47.94 -4.68 0.00	48.01 -4.23 0.00	50.77 -4.29 0.00	53.07 -3.07 -1.23	63.89 -2.89 -1.14	77.88 -2.16 0.00	71.13 -1.53 0.00	63.96 -1.71 0.00	61.27 -1.06 0.00	56.31 -0.63 0.00	53.73 0.16 0.00	47.91 0.61 0.00
HQ_GEN_CEDARS 23644	47.47 -0.43 0.00	43.86 -0.71 0.00	41.36 -0.67 0.00	40.64 -0.66 0.00	41.40 -0.72 0.00	41.30 -0.63 0.00	66.32 -1.70 0.00	71.83 -1.84 0.00	64.79 -1.66 0.00	56.46 -2.54 0.00	55.07 -1.53 0.00	52.31 -1.62 0.00	50.78 -1.84 0.00	50.25 -1.99 0.00	52.97 -2.09 0.00	53.38 -1.54 0.00	62.82 -2.82 0.00	76.43 -3.60 0.00	70.12 -2.54 0.00	63.50 -2.17 0.00	60.64 -1.68 0.00	55.74 -1.20 0.00	54.00 0.43 0.00	47.67 0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	47.46 -0.43 0.00	43.86 -0.71 0.00	41.28 -0.76 0.00	40.64 -0.66 0.00	41.40 -0.72 0.00	41.30 -0.63 0.00	66.33 -1.70 0.00	74.41 -3.02 -3.77	60.83 -1.86 3.77	56.47 -2.54 0.00	55.07 -1.53 0.00	52.25 -1.67 0.00	50.78 -1.84 0.00	50.25 -1.99 0.00	52.97 -2.09 0.00	53.38 -1.54 0.00	62.82 -2.82 0.00	76.44 -3.60 0.00	69.97 -2.69 0.00	63.50 -2.17 0.00	60.65 -1.68 0.00	56.02 -0.91 0.00	54.00 0.43 0.00	47.67 0.38 0.00

HQ_GEN_IMPORT 323601	47.90 0.00 0.00	44.58 0.00 0.00	42.03 0.00 0.00	41.30 0.00 0.00	42.12 0.00 0.00	41.93 0.00 0.00	68.02 0.00 0.00	77.43 0.00 -3.77	62.69 0.00 3.77	59.00 0.00 0.00	56.60 0.00 0.00	53.92 0.00 0.00	52.62 0.00 0.00	52.24 0.00 0.00	55.06 0.00 0.00	54.92 0.00 0.00	65.64 0.00 0.00	80.04 0.00 0.00	72.66 0.00 0.00	65.67 0.00 0.00	62.33 0.00 0.00	56.93 0.00 0.00	53.57 0.00 0.00	47.29 0.00 0.00
HQ_GEN_WHEEL 23651	47.90 0.00 0.00	44.58 0.00 0.00	42.03 0.00 0.00	41.30 0.00 0.00	42.12 0.00 0.00	41.93 0.00 0.00	68.02 0.00 0.00	77.43 0.00 -3.77	62.69 0.00 3.77	59.00 0.00 0.00	56.60 0.00 0.00	53.92 0.00 0.00	52.62 0.00 0.00	52.24 0.00 0.00	55.06 0.00 0.00	54.92 0.00 0.00	65.64 0.00 0.00	80.04 0.00 0.00	72.66 0.00 0.00	65.67 0.00 0.00	62.33 0.00 0.00	56.93 0.00 0.00	53.57 0.00 0.00	47.29 0.00 0.00
HUDSON AVE_GT_3 23810	51.46 3.16 -0.40	47.30 2.72 0.00	44.71 2.61 -0.06	43.66 2.35 0.00	44.56 2.44 0.00	51.62 2.52 -7.17	72.64 4.08 -0.54	78.92 4.64 -0.61	71.25 4.52 -0.28	67.71 4.43 -4.28	61.37 4.19 -0.59	64.23 4.21 -6.10	64.12 4.21 -7.29	64.01 4.18 -7.60	64.12 4.29 -4.77	66.77 4.06 -7.79	75.37 4.79 -4.94	86.04 6.00 0.00	77.97 5.30 0.00	70.46 4.79 0.00	66.95 4.61 -0.02	60.99 4.04 -0.02	57.00 3.43 0.00	50.13 2.84 0.00
HUDSON AVE_GT_4 23540	51.46 3.16 -0.40	47.30 2.72 0.00	44.71 2.61 -0.06	43.66 2.35 0.00	44.56 2.44 0.00	51.62 2.52 -7.17	72.64 4.08 -0.54	78.92 4.64 -0.61	71.25 4.52 -0.28	67.71 4.43 -4.28	61.37 4.19 -0.59	64.23 4.21 -6.10	64.12 4.21 -7.29	64.01 4.18 -7.60	64.12 4.29 -4.77	66.77 4.06 -7.79	75.37 4.79 -4.94	86.04 6.00 0.00	77.97 5.30 0.00	70.46 4.79 0.00	66.95 4.61 -0.02	60.99 4.04 -0.02	57.00 3.43 0.00	50.13 2.84 0.00
HUDSON AVE_GT_5 23657	51.46 3.16 -0.40	47.30 2.72 0.00	44.71 2.61 -0.06	43.66 2.35 0.00	44.56 2.44 0.00	51.62 2.52 -7.17	72.64 4.08 -0.54	78.92 4.64 -0.61	71.25 4.52 -0.28	67.71 4.43 -4.28	61.37 4.19 -0.59	64.23 4.21 -6.10	64.12 4.21 -7.29	64.01 4.18 -7.60	64.12 4.29 -4.77	66.77 4.06 -7.79	75.37 4.79 -4.94	86.04 6.00 0.00	77.97 5.30 0.00	70.46 4.79 0.00	66.95 4.61 -0.02	60.99 4.04 -0.02	57.00 3.43 0.00	50.13 2.84 0.00
HUDSON_AVE_10 24168	51.32 3.02 -0.40	47.21 2.63 0.00	44.58 2.48 -0.06	43.53 2.23 0.00	44.43 2.32 0.00	51.54 2.43 -7.17	72.44 3.88 -0.54	78.70 4.42 -0.61	71.05 4.32 -0.28	67.59 4.31 -4.28	61.26 4.07 -0.59	64.12 4.10 -6.10	64.06 4.16 -7.29	63.96 4.13 -7.60	64.01 4.18 -4.77	66.60 3.90 -7.79	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.77 4.43 -0.02	60.88 3.93 -0.02	56.84 3.27 0.00	49.99 2.70 0.00
HUDSON___115KV_TB 4 355613	50.53 2.16 -0.48	47.07 2.50 0.00	44.55 2.44 -0.08	43.70 2.40 0.00	44.52 2.40 0.00	52.40 1.93 -8.54	72.13 3.47 -0.64	78.16 3.76 -0.73	70.49 3.72 -0.32	61.89 2.89 0.00	58.97 2.38 0.00	55.97 2.05 0.00	54.57 1.95 0.00	54.17 1.93 0.00	57.21 2.15 0.00	63.43 2.14 -6.37	74.43 2.89 -5.90	84.76 4.72 0.00	76.88 4.21 0.00	69.48 3.81 0.00	65.88 3.55 0.00	60.01 3.07 0.00	56.20 2.62 0.00	49.61 2.32 0.00
HUNTER MOUNT___DRP 323613	50.14 1.77 -0.47	46.85 2.27 0.00	44.30 2.19 -0.08	43.49 2.19 0.00	44.31 2.19 0.00	51.95 1.59 -8.43	71.58 2.93 -0.63	77.56 3.17 -0.72	70.09 3.32 -0.31	61.54 2.54 0.00	58.69 2.09 0.00	55.70 1.78 0.00	54.31 1.68 0.00	53.91 1.67 0.00	56.93 1.87 0.00	62.96 1.76 -6.29	73.89 2.43 -5.82	84.20 4.16 0.00	76.29 3.63 0.00	69.02 3.35 0.00	65.44 3.12 0.00	59.67 2.73 0.00	55.87 2.30 0.00	49.33 2.03 0.00
HUNTINGTON_RES_REC 323705	52.76 4.46 -0.41	48.27 3.70 0.00	45.34 3.24 -0.06	44.31 3.01 0.00	45.28 3.16 0.00	52.63 3.52 -7.17	71.42 2.86 -0.54	77.89 3.61 -0.61	70.17 3.45 -0.27	63.43 4.43 0.00	61.18 4.58 0.00	59.37 5.44 0.00	58.16 5.52 -0.02	57.69 5.43 -0.02	60.50 5.45 0.02	64.81 4.56 -5.34	75.90 5.31 -4.94	85.80 5.77 0.00	78.91 6.25 0.00	70.92 5.26 0.00	66.94 4.61 0.00	61.09 4.15 0.00	57.64 4.07 0.00	50.89 3.59 0.00
HUNTLEY___63 23557	45.12 -2.83 -0.05	42.97 -1.60 0.00	40.15 -1.89 -0.01	39.73 -1.57 0.00	40.39 -1.73 0.00	40.38 -2.52 -0.96	63.54 -4.56 -0.07	68.37 -5.38 -0.08	60.90 -5.58 -0.04	54.99 -4.01 0.00	52.46 -4.13 0.00	49.77 -4.15 0.00	48.04 -4.58 0.00	48.01 -4.23 0.00	50.66 -4.40 0.00	51.32 -4.45 -0.85	61.57 -4.86 -0.78	74.59 -5.44 0.00	67.87 -4.80 0.00	60.54 -5.12 0.00	57.90 -4.43 0.00	53.63 -3.30 0.00	51.80 -1.77 0.00	46.39 -0.90 0.00
HUNTLEY___64 23558	45.12 -2.83 -0.05	42.97 -1.60 0.00	40.15 -1.89 -0.01	39.73 -1.57 0.00	40.39 -1.73 0.00	40.38 -2.52 -0.96	63.54 -4.56 -0.07	68.37 -5.38 -0.08	60.90 -5.58 -0.04	54.99 -4.01 0.00	52.46 -4.13 0.00	49.77 -4.15 0.00	48.04 -4.58 0.00	48.01 -4.23 0.00	50.66 -4.40 0.00	51.32 -4.45 -0.85	61.57 -4.86 -0.78	74.59 -5.44 0.00	67.87 -4.80 0.00	60.54 -5.12 0.00	57.90 -4.43 0.00	53.63 -3.30 0.00	51.80 -1.77 0.00	46.39 -0.90 0.00
HUNTLEY___65 23559	45.12 -2.83 -0.05	42.97 -1.60 0.00	40.15 -1.89 -0.01	39.73 -1.57 0.00	40.39 -1.73 0.00	40.38 -2.52 -0.96	63.54 -4.56 -0.07	68.37 -5.38 -0.08	60.90 -5.58 -0.04	54.99 -4.01 0.00	52.46 -4.13 0.00	49.77 -4.15 0.00	48.04 -4.58 0.00	48.01 -4.23 0.00	50.66 -4.40 0.00	51.32 -4.45 -0.85	61.57 -4.86 -0.78	74.59 -5.44 0.00	67.87 -4.80 0.00	60.54 -5.12 0.00	57.90 -4.43 0.00	53.63 -3.30 0.00	51.80 -1.77 0.00	46.39 -0.90 0.00
HUNTLEY___66 23560	45.12 -2.83 -0.05	42.97 -1.60 0.00	40.15 -1.89 -0.01	39.73 -1.57 0.00	40.39 -1.73 0.00	40.38 -2.52 -0.96	63.54 -4.56 -0.07	68.37 -5.38 -0.08	60.90 -5.58 -0.04	54.99 -4.01 0.00	52.46 -4.13 0.00	49.77 -4.15 0.00	48.04 -4.58 0.00	48.01 -4.23 0.00	50.66 -4.40 0.00	51.32 -4.45 -0.85	61.57 -4.86 -0.78	74.59 -5.44 0.00	67.87 -4.80 0.00	60.54 -5.12 0.00	57.90 -4.43 0.00	53.63 -3.30 0.00	51.80 -1.77 0.00	46.39 -0.90 0.00
HUNTLEY___67 23561	44.79 -3.16 -0.06	42.66 -1.92 0.00	39.86 -2.19 -0.01	39.57 -1.73 0.00	40.26 -1.85 0.00	40.15 -2.77 -0.98	63.40 -4.69 -0.07	68.23 -5.53 -0.08	60.84 -5.65 -0.04	54.93 -4.07 0.00	52.35 -4.24 0.00	49.66 -4.26 0.00	47.99 -4.63 0.00	47.96 -4.28 0.00	50.55 -4.52 0.00	51.23 -4.56 -0.87	61.52 -4.92 -0.80	74.59 -5.44 0.00	67.87 -4.80 0.00	60.61 -5.06 0.00	57.96 -4.36 0.00	53.69 -3.25 0.00	51.70 -1.87 0.00	46.25 -1.04 0.00
HUNTLEY___68 23562	44.79 -3.16 -0.06	42.66 -1.92 0.00	39.86 -2.19 -0.01	39.57 -1.73 0.00	40.26 -1.85 0.00	40.15 -2.77 -0.98	63.40 -4.69 -0.07	68.23 -5.53 -0.08	60.84 -5.65 -0.04	54.93 -4.07 0.00	52.35 -4.24 0.00	49.66 -4.26 0.00	47.99 -4.63 0.00	47.96 -4.28 0.00	50.55 -4.52 0.00	51.23 -4.56 -0.87	61.52 -4.92 -0.80	74.59 -5.44 0.00	67.87 -4.80 0.00	60.61 -5.06 0.00	57.96 -4.36 0.00	53.69 -3.25 0.00	51.70 -1.87 0.00	46.25 -1.04 0.00

HYLAND___LFGE 323620	47.86 -0.10 -0.06	45.15 0.58 0.00	42.34 0.30 -0.01	41.67 0.37 0.00	42.75 0.63 0.00	43.15 0.08 -1.13	68.65 0.54 -0.08	75.24 1.47 -0.10	65.89 -0.60 -0.04	58.06 -0.95 0.00	54.67 -1.92 0.00	51.71 -2.21 0.00	50.15 -2.47 0.00	50.09 -2.14 0.00	53.08 -1.98 0.00	54.80 -1.10 -0.98	66.35 -0.20 -0.91	81.00 0.96 0.00	74.19 1.53 0.00	66.65 0.99 0.00	63.76 1.43 0.00	58.41 1.48 0.00	55.77 2.20 0.00	49.42 2.13 0.00
INDECK___CORINTH 23802	51.48 3.07 -0.52	47.56 2.99 0.00	44.93 2.82 -0.08	44.11 2.81 0.00	44.94 2.82 0.00	54.16 2.93 -9.30	73.68 4.96 -0.69	80.14 5.67 -0.80	71.65 4.85 -0.35	62.89 3.89 0.00	60.27 3.68 0.00	57.21 3.29 0.00	55.73 3.10 0.00	55.21 2.98 0.00	58.25 3.19 0.00	65.32 3.52 -6.88	76.34 4.33 -6.37	85.48 5.45 0.00	77.67 5.01 0.00	70.07 4.40 0.00	66.57 4.24 0.00	60.52 3.59 0.00	56.84 3.27 0.00	50.03 2.74 0.00
INDECK___ILION 23567	49.14 1.25 0.00	45.78 1.20 0.00	43.17 1.13 0.00	42.42 1.12 0.00	43.30 1.18 0.00	43.06 1.13 0.00	69.86 1.84 0.00	75.73 2.06 0.00	68.24 1.79 0.00	60.59 1.59 0.00	58.12 1.53 0.00	55.43 1.51 0.00	54.04 1.42 0.00	53.65 1.41 0.00	56.55 1.49 0.00	56.34 1.43 0.00	67.28 1.64 0.00	82.04 2.00 0.00	74.41 1.74 0.00	67.24 1.58 0.00	63.82 1.50 0.00	58.30 1.37 0.00	54.86 1.29 0.00	48.43 1.14 0.00
INDECK___OLEAN 23982	44.08 -3.88 -0.06	43.51 -1.07 0.00	40.74 -1.30 -0.01	40.02 -1.28 0.00	41.02 -1.10 0.00	39.75 -3.31 -1.13	63.15 -4.96 -0.08	71.70 -2.06 -0.10	62.64 -3.86 -0.04	55.93 -3.07 0.00	53.03 -3.56 0.00	50.36 -3.56 0.00	48.57 -4.05 0.00	48.53 -3.71 0.00	51.21 -3.86 0.00	50.80 -5.16 -1.05	61.29 -5.31 -0.97	77.16 -2.88 0.00	70.12 -2.55 0.00	62.65 -3.02 0.00	59.96 -2.37 0.00	55.17 -1.77 0.00	52.82 -0.75 0.00	47.06 -0.24 0.00
INDECK___OSWEGO 23783	46.39 -1.53 -0.03	43.19 -1.38 0.00	40.69 -1.35 -0.01	39.98 -1.32 0.00	40.81 -1.31 0.00	41.21 -1.30 -0.58	66.03 -2.04 -0.04	71.51 -2.21 -0.05	64.41 -2.06 -0.02	57.23 -1.77 0.00	54.84 -1.75 0.00	52.20 -1.73 0.00	50.94 -1.69 0.00	50.57 -1.67 0.00	53.30 -1.76 0.00	53.54 -1.81 -0.44	63.94 -2.10 -0.41	77.47 -2.56 0.00	70.33 -2.33 0.00	63.56 -2.10 0.00	60.39 -1.93 0.00	55.23 -1.71 0.00	52.07 -1.50 0.00	45.97 -1.32 0.00
INDECK___YERKES 23781	45.12 -2.83 -0.05	42.88 -1.69 0.00	40.19 -1.85 -0.01	39.85 -1.45 0.00	40.60 -1.51 0.00	40.38 -2.51 -0.96	63.60 -4.49 -0.07	69.40 -4.35 0.00	61.11 -5.38 -0.01	54.99 -4.01 0.00	52.41 -4.19 0.00	49.72 -4.21 0.00	48.10 -4.53 0.00	48.06 -4.18 0.00	50.71 -4.35 0.00	51.37 -4.40 -0.85	61.64 -4.79 -0.78	74.67 -5.36 0.00	67.94 -4.72 0.00	60.61 -5.06 0.00	58.03 -4.30 0.00	53.69 -3.24 0.00	51.80 -1.77 0.00	46.44 -0.85 0.00
INDIAN POINT_GT_1 24139	50.98 2.68 -0.40	46.89 2.32 0.00	44.28 2.19 -0.06	43.33 2.02 0.00	44.18 2.06 0.00	51.17 2.14 -7.10	72.09 3.54 -0.53	78.25 3.98 -0.61	70.50 3.79 -0.26	62.66 3.66 0.00	60.11 3.51 0.00	57.37 3.45 0.00	56.15 3.53 0.00	55.74 3.50 0.00	58.59 3.52 0.00	63.60 3.40 -5.28	74.60 4.07 -4.89	85.16 5.12 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.35 3.42 0.00	56.41 2.84 0.00	49.61 2.32 0.00
INDIAN POINT_GT_2 23659	50.98 2.68 -0.40	46.89 2.32 0.00	44.28 2.19 -0.06	43.33 2.02 0.00	44.18 2.06 0.00	51.17 2.14 -7.10	72.09 3.54 -0.53	78.25 3.98 -0.61	70.50 3.79 -0.26	62.66 3.66 0.00	60.11 3.51 0.00	57.37 3.45 0.00	56.15 3.53 0.00	55.74 3.50 0.00	58.59 3.52 0.00	63.60 3.40 -5.28	74.60 4.07 -4.89	85.16 5.12 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.35 3.42 0.00	56.41 2.84 0.00	49.61 2.32 0.00
INDIAN POINT_GT_3 24019	50.98 2.68 -0.40	46.89 2.32 0.00	44.28 2.19 -0.06	43.33 2.02 0.00	44.18 2.06 0.00	51.17 2.14 -7.10	72.09 3.54 -0.53	78.25 3.98 -0.61	70.50 3.79 -0.26	62.66 3.66 0.00	60.11 3.51 0.00	57.37 3.45 0.00	56.15 3.53 0.00	55.74 3.50 0.00	58.59 3.52 0.00	63.60 3.40 -5.28	74.60 4.07 -4.89	85.16 5.12 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.35 3.42 0.00	56.41 2.84 0.00	49.61 2.32 0.00
INDIAN POINT___2 23530	50.92 2.63 -0.39	46.85 2.27 0.00	44.24 2.14 -0.06	43.28 1.98 0.00	44.14 2.02 0.00	51.08 2.14 -7.01	72.02 3.47 -0.52	78.24 3.98 -0.60	70.36 3.65 -0.26	62.60 3.60 0.00	60.05 3.45 0.00	57.38 3.45 0.00	56.09 3.47 0.00	55.69 3.45 0.00	58.53 3.47 0.00	63.48 3.35 -5.21	74.47 4.00 -4.83	85.08 5.05 0.00	77.09 4.43 0.00	69.67 4.01 0.00	66.19 3.87 0.00	60.29 3.36 0.00	56.36 2.78 0.00	49.56 2.27 0.00
INDIAN POINT___3 23531	50.88 2.59 -0.40	46.85 2.27 0.00	44.24 2.14 -0.06	43.28 1.98 0.00	44.14 2.02 0.00	51.13 2.10 -7.10	72.02 3.47 -0.53	78.18 3.90 -0.61	70.44 3.72 -0.26	62.60 3.60 0.00	60.05 3.45 0.00	57.32 3.40 0.00	56.09 3.47 0.00	55.69 3.45 0.00	58.53 3.47 0.00	63.55 3.35 -5.28	74.54 4.00 -4.89	85.08 5.04 0.00	77.09 4.43 0.00	69.67 4.01 0.00	66.13 3.80 0.00	60.29 3.36 0.00	56.36 2.79 0.00	49.56 2.27 0.00
INGHAM_C_115KV_TB7 356103	50.58 2.68 0.00	47.16 2.59 0.00	44.47 2.44 0.00	43.74 2.44 0.00	44.64 2.53 0.00	44.28 2.35 0.00	71.97 3.95 0.00	77.94 4.27 0.00	70.24 3.79 0.00	62.31 3.30 0.00	59.82 3.23 0.00	57.05 3.13 0.00	55.62 3.00 0.00	55.22 2.98 0.00	58.09 3.03 0.00	57.88 2.97 0.00	69.05 3.41 0.00	84.20 4.16 0.00	76.37 3.71 0.00	69.02 3.35 0.00	65.50 3.18 0.00	59.84 2.90 0.00	56.30 2.73 0.00	49.75 2.46 0.00
IP CORINTH___1 23988	51.48 3.07 -0.52	47.56 2.99 0.00	44.93 2.82 -0.08	44.11 2.81 0.00	44.98 2.86 0.00	54.16 2.94 -9.30	73.68 4.97 -0.69	79.99 5.53 -0.80	71.65 4.85 -0.35	62.95 3.95 0.00	60.28 3.68 0.00	57.21 3.29 0.00	55.73 3.10 0.00	55.22 2.98 0.00	58.25 3.19 0.00	65.32 3.51 -6.88	76.35 4.33 -6.37	85.48 5.44 0.00	77.68 5.01 0.00	70.07 4.40 0.00	66.56 4.24 0.00	60.58 3.64 0.00	56.84 3.27 0.00	50.04 2.74 0.00
IP___TICONDEROGA 23804	53.44 5.03 -0.52	49.48 4.90 0.00	46.74 4.62 -0.08	45.89 4.58 0.00	46.79 4.68 0.00	56.04 4.82 -9.28	76.95 8.23 -0.69	83.60 9.13 -0.79	74.51 7.71 -0.35	65.26 6.25 0.00	62.43 5.83 0.00	59.10 5.18 0.00	57.41 4.79 0.00	56.99 4.75 0.00	60.07 5.01 0.00	67.23 5.44 -6.88	78.90 6.89 -6.37	89.08 9.04 0.00	81.09 8.43 0.00	73.09 7.42 0.00	69.37 7.04 0.00	63.02 6.09 0.00	59.14 5.57 0.00	51.93 4.63 0.00
ISLIP_RES_REC 323679	53.48 5.17 -0.41	48.90 4.32 0.00	45.88 3.78 -0.06	44.89 3.59 0.00	45.82 3.71 0.00	53.22 4.11 -7.17	72.50 3.94 -0.54	79.14 4.86 -0.61	71.24 4.52 -0.27	64.43 5.42 0.00	62.20 5.60 0.00	60.28 6.36 0.00	59.05 6.42 -0.02	58.52 6.27 -0.03	61.53 6.44 -0.03	65.74 5.49 -5.34	77.02 6.44 -4.94	87.08 7.04 0.00	80.15 7.49 0.00	72.03 6.37 0.00	68.00 5.67 0.00	62.00 5.07 0.00	58.34 4.77 0.00	51.46 4.16 0.00

JAMAICA__27_KV_LOAD 355505	51.56 3.26 -0.40	47.34 2.76 0.00	44.71 2.61 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.70 2.60 -7.17	72.64 4.08 -0.54	79.00 4.71 -0.61	71.39 4.65 -0.28	68.06 4.78 -4.28	61.71 4.53 -0.59	64.61 4.58 -6.10	64.54 4.63 -7.29	64.43 4.60 -7.60	64.56 4.74 -4.77	66.55 3.84 -7.79	75.50 4.92 -4.94	86.36 6.32 0.00	78.40 5.74 0.00	70.79 5.12 0.00	67.20 4.86 -0.02	61.28 4.33 -0.02	57.21 3.64 0.00	50.18 2.88 0.00
JANIS__SOLAR 323808	49.40 1.39 -0.11	46.14 1.56 0.00	43.48 1.43 -0.02	42.62 1.32 0.00	43.63 1.51 0.00	45.35 1.38 -2.03	70.83 2.65 -0.15	77.38 3.54 -0.18	69.12 2.59 -0.08	61.01 2.01 0.00	58.07 1.47 0.00	55.22 1.29 0.00	53.78 1.16 0.00	53.59 1.36 0.00	56.55 1.49 0.00	57.77 1.32 -1.53	69.10 2.04 -1.42	83.32 3.28 0.00	75.71 3.05 0.00	68.30 2.63 0.00	65.00 2.68 0.00	59.32 2.39 0.00	55.93 2.35 0.00	49.37 2.08 0.00
JARVIS____ 23743	48.04 0.14 0.00	44.71 0.13 0.00	42.16 0.13 0.00	41.47 0.17 0.00	42.24 0.13 0.00	42.10 0.17 0.00	68.30 0.27 0.00	73.96 0.30 0.00	66.72 0.27 0.00	59.18 0.18 0.00	56.77 0.17 0.00	54.14 0.22 0.00	52.83 0.21 0.00	52.45 0.21 0.00	55.28 0.22 0.00	55.14 0.22 0.00	65.84 0.20 0.00	80.28 0.24 0.00	72.88 0.22 0.00	65.93 0.26 0.00	62.58 0.25 0.00	57.10 0.17 0.00	53.73 0.16 0.00	47.43 0.14 0.00
JENNISON____1 23625	49.67 1.63 -0.15	46.36 1.78 0.00	43.74 1.68 -0.02	42.91 1.61 0.00	43.89 1.77 0.00	46.18 1.64 -2.61	71.21 2.99 -0.20	77.35 3.46 -0.22	69.74 3.19 -0.10	61.77 2.77 0.00	59.09 2.49 0.00	56.35 2.43 0.00	54.88 2.26 0.00	54.64 2.40 0.00	57.59 2.53 0.00	59.01 2.14 -1.95	70.14 2.69 -1.80	84.12 4.08 0.00	76.22 3.56 0.00	68.75 3.09 0.00	65.44 3.12 0.00	59.67 2.73 0.00	56.20 2.62 0.00	49.56 2.27 0.00
JENNISON____2 23626	49.67 1.63 -0.15	46.36 1.78 0.00	43.74 1.68 -0.02	42.91 1.61 0.00	43.89 1.77 0.00	46.18 1.64 -2.61	71.21 2.99 -0.20	77.35 3.46 -0.22	69.74 3.19 -0.10	61.77 2.77 0.00	59.09 2.49 0.00	56.35 2.43 0.00	54.88 2.26 0.00	54.64 2.40 0.00	57.59 2.53 0.00	59.01 2.14 -1.95	70.14 2.69 -1.80	84.12 4.08 0.00	76.22 3.56 0.00	68.75 3.09 0.00	65.44 3.12 0.00	59.67 2.73 0.00	56.20 2.62 0.00	49.56 2.27 0.00
JERICOHO_RISE_WT_PWR 323719	46.89 -1.01 0.00	43.19 -1.38 0.00	40.65 -1.39 0.00	39.98 -1.32 0.00	40.73 -1.39 0.00	40.76 -1.17 0.00	65.58 -2.45 0.00	69.76 -3.91 0.00	63.72 -2.73 0.00	55.70 -3.30 0.00	54.27 -2.32 0.00	51.34 -2.59 0.00	49.83 -2.79 0.00	49.26 -2.98 0.00	51.92 -3.14 0.00	52.45 -2.47 0.00	61.83 -3.81 0.00	75.31 -4.72 0.00	69.03 -3.63 0.00	62.71 -2.95 0.00	59.89 -2.43 0.00	55.34 -1.59 0.00	53.30 -0.27 0.00	47.01 -0.28 0.00
KATONAH__115KV_46KV_TB4 355592	51.23 2.92 -0.41	47.16 2.59 0.00	44.58 2.48 -0.07	43.61 2.31 0.00	44.48 2.36 0.00	51.58 2.39 -7.26	72.58 4.01 -0.54	78.71 4.42 -0.62	71.04 4.32 -0.27	63.01 4.01 0.00	60.50 3.91 0.00	57.75 3.83 0.00	56.52 3.89 0.00	56.16 3.92 0.00	58.97 3.91 0.00	64.11 3.79 -5.40	75.10 4.46 -5.00	85.56 5.52 0.00	77.60 4.94 0.00	70.13 4.47 0.00	66.50 4.18 0.00	60.63 3.70 0.00	56.73 3.16 0.00	49.89 2.60 0.00
KCE_NY_1 323755	50.90 2.49 -0.52	46.98 2.41 0.00	44.43 2.31 -0.08	43.61 2.31 0.00	44.43 2.31 0.00	53.54 2.35 -9.27	72.66 3.94 -0.69	78.88 4.42 -0.79	70.58 3.79 -0.35	62.01 3.01 0.00	59.43 2.83 0.00	56.51 2.59 0.00	55.10 2.47 0.00	54.64 2.40 0.00	57.70 2.64 0.00	64.69 2.91 -6.87	75.60 3.61 -6.36	84.60 4.56 0.00	76.73 4.07 0.00	69.34 3.68 0.00	65.63 3.30 0.00	59.78 2.85 0.00	56.09 2.52 0.00	49.47 2.18 0.00
KCE_NY_6_ESR 323823	44.89 -3.07 -0.06	43.15 -1.43 0.00	40.45 -1.60 -0.01	39.85 -1.45 0.00	40.81 -1.31 0.00	40.27 -2.68 -1.02	63.68 -4.42 -0.08	70.15 -3.61 -0.09	61.70 -4.79 -0.04	55.46 -3.54 0.00	52.75 -3.85 0.00	50.04 -3.88 0.00	48.41 -4.21 0.00	48.37 -3.87 0.00	50.99 -4.07 0.00	51.49 -4.34 -0.91	61.83 -4.66 -0.84	75.71 -4.32 0.00	68.88 -3.78 0.00	61.46 -4.20 0.00	58.84 -3.49 0.00	54.37 -2.56 0.00	52.39 -1.18 0.00	46.87 -0.43 0.00
KEDC_PORT_JEFF_GT2 24210	53.10 4.79 -0.41	48.54 3.97 0.00	45.59 3.49 -0.06	44.56 3.26 0.00	45.53 3.41 0.00	52.88 3.78 -7.17	71.76 3.20 -0.54	78.26 3.98 -0.61	70.50 3.79 -0.27	63.90 4.89 0.00	61.69 5.10 0.00	59.80 5.88 0.00	58.58 5.94 -0.02	58.05 5.80 -0.02	61.05 5.95 -0.04	65.14 4.89 -5.34	76.16 5.58 -4.94	85.55 5.52 0.00	79.20 6.54 0.00	71.18 5.52 0.00	67.31 4.99 0.00	61.49 4.56 0.00	57.91 4.34 0.00	51.12 3.83 0.00
KEDC_PORT_JEFF_GT3 24211	53.10 4.79 -0.41	48.54 3.97 0.00	45.59 3.49 -0.06	44.56 3.26 0.00	45.53 3.41 0.00	52.88 3.78 -7.17	71.76 3.20 -0.54	78.26 3.98 -0.61	70.50 3.79 -0.27	63.90 4.89 0.00	61.69 5.10 0.00	59.80 5.88 0.00	58.58 5.94 -0.02	58.05 5.80 -0.02	61.05 5.95 -0.04	65.14 4.89 -5.34	76.16 5.58 -4.94	85.55 5.52 0.00	79.20 6.54 0.00	71.18 5.52 0.00	67.31 4.99 0.00	61.49 4.56 0.00	57.91 4.34 0.00	51.12 3.83 0.00
KEDC_GLWD_GT4 24219	51.90 3.59 -0.41	47.65 3.07 0.00	44.87 2.77 -0.06	43.90 2.60 0.00	44.77 2.65 0.00	52.00 2.89 -7.17	72.30 3.74 -0.54	78.70 4.42 -0.61	70.84 4.12 -0.27	63.37 4.37 0.00	61.01 4.42 0.00	58.61 4.69 0.00	57.31 4.68 -0.01	56.85 4.60 -0.01	59.80 4.74 0.00	64.59 4.34 -5.34	75.70 5.12 -4.94	86.20 6.16 0.00	78.48 5.82 0.00	70.72 5.06 0.00	67.00 4.68 0.00	61.03 4.10 0.00	57.22 3.64 0.00	50.36 3.07 0.00
KEDC_GLWD_GT5 24220	51.90 3.59 -0.41	47.65 3.07 0.00	44.87 2.77 -0.06	43.90 2.60 0.00	44.77 2.65 0.00	52.00 2.89 -7.17	72.30 3.74 -0.54	78.70 4.42 -0.61	70.84 4.12 -0.27	63.37 4.37 0.00	61.01 4.42 0.00	58.61 4.69 0.00	57.31 4.68 -0.01	56.85 4.60 -0.01	59.80 4.74 0.00	64.59 4.34 -5.34	75.70 5.12 -4.94	86.20 6.16 0.00	78.48 5.82 0.00	70.72 5.06 0.00	67.00 4.68 0.00	61.03 4.10 0.00	57.22 3.64 0.00	50.36 3.07 0.00
KENSICO____ 23655	51.08 2.78 -0.40	47.03 2.45 0.00	44.41 2.31 -0.06	43.41 2.11 0.00	44.31 2.19 0.00	51.35 2.26 -7.16	72.23 3.67 -0.53	78.41 4.13 -0.61	70.70 3.99 -0.27	62.84 3.84 0.00	60.28 3.68 0.00	57.59 3.67 0.00	56.36 3.74 0.00	55.95 3.71 0.00	58.81 3.74 0.00	63.81 3.57 -5.32	74.84 4.27 -4.93	85.40 5.36 0.00	77.38 4.72 0.00	69.94 4.27 0.00	66.44 4.11 0.00	60.52 3.59 0.00	56.57 3.00 0.00	49.75 2.46 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.01 2.73 -0.39	46.98 2.41 0.00	44.37 2.27 -0.06	43.41 2.11 0.00	44.31 2.19 0.00	51.05 2.22 -6.90	72.42 3.88 -0.52	78.53 4.27 -0.59	70.76 4.05 -0.26	62.84 3.84 0.00	60.11 3.51 0.00	57.27 3.34 0.00	55.99 3.37 0.00	55.58 3.34 0.00	58.53 3.47 0.00	63.45 3.40 -5.13	74.53 4.14 -4.75	85.40 5.36 0.00	77.24 4.58 0.00	69.87 4.20 0.00	66.38 4.05 0.00	60.58 3.64 0.00	56.62 3.05 0.00	49.85 2.55 0.00

KIAC_JFK_GT1 23816	51.27 2.97 -0.40	47.07 2.50 0.00	44.45 2.35 -0.06	43.41 2.11 0.00	44.27 2.15 0.00	51.45 2.35 -7.17	71.96 3.40 -0.54	78.26 3.98 -0.61	70.72 3.99 -0.28	67.47 4.19 -4.28	61.37 4.19 -0.59	64.23 4.21 -6.10	64.22 4.31 -7.29	64.12 4.28 -7.60	64.23 4.40 -4.77	66.00 3.30 -7.79	74.85 4.27 -4.94	85.56 5.52 0.00	77.60 4.94 0.00	70.07 4.40 0.00	66.52 4.18 -0.02	60.88 3.93 -0.02	56.84 3.27 0.00	49.89 2.60 0.00
KIAC_JFK_GT2 23817	51.27 2.97 -0.40	47.07 2.50 0.00	44.45 2.35 -0.06	43.41 2.11 0.00	44.27 2.15 0.00	51.45 2.35 -7.17	71.96 3.40 -0.54	78.26 3.98 -0.61	70.72 3.99 -0.28	67.47 4.19 -4.28	61.37 4.19 -0.59	64.23 4.21 -6.10	64.22 4.31 -7.29	64.12 4.28 -7.60	64.23 4.40 -4.77	66.00 3.30 -7.79	74.85 4.27 -4.94	85.56 5.52 0.00	77.60 4.94 0.00	70.07 4.40 0.00	66.52 4.18 -0.02	60.88 3.93 -0.02	56.84 3.27 0.00	49.89 2.60 0.00
KIAC_JFK____ 323774	51.27 2.97 -0.40	47.07 2.49 0.00	44.41 2.31 -0.06	43.41 2.11 0.00	44.26 2.15 0.00	51.45 2.35 -7.17	71.96 3.40 -0.54	78.33 4.05 -0.61	70.72 3.99 -0.28	67.47 4.19 -4.28	61.43 4.25 -0.59	63.96 3.93 -6.10	63.96 4.05 -7.29	63.96 4.13 -7.60	63.96 4.13 -4.77	66.71 4.01 -7.79	74.84 4.26 -4.94	85.55 5.52 0.00	77.60 4.94 0.00	70.07 4.40 0.00	66.52 4.18 -0.02	60.87 3.93 -0.02	56.85 3.27 -0.01	49.90 2.60 -0.01
KINTIGH__24_KV_GSU 356498	45.45 -2.49 -0.05	42.57 -2.01 0.00	39.98 -2.06 -0.01	39.53 -1.77 0.00	40.35 -1.77 0.00	40.59 -2.18 -0.84	64.41 -3.67 -0.06	69.39 -4.35 -0.07	61.50 -4.98 -0.03	55.34 -3.66 0.00	52.75 -3.85 0.00	50.10 -3.83 0.00	48.62 -4.00 0.00	48.48 -3.76 0.00	51.15 -3.91 0.00	52.08 -3.57 -0.73	62.44 -3.87 -0.67	74.91 -5.12 0.00	68.01 -4.65 0.00	60.94 -4.73 0.00	58.15 -4.18 0.00	53.75 -3.19 0.00	51.54 -2.04 0.00	46.02 -1.27 0.00
KINTIGH____ 23543	45.45 -2.49 -0.05	42.57 -2.01 0.00	39.90 -2.14 -0.01	39.48 -1.82 0.00	40.22 -1.90 0.00	40.59 -2.18 -0.84	64.41 -3.67 -0.06	69.39 -4.35 -0.07	61.37 -5.12 -0.03	55.34 -3.66 0.00	52.80 -3.79 0.00	50.15 -3.77 0.00	48.57 -4.05 0.00	48.48 -3.76 0.00	51.10 -3.96 0.00	52.08 -3.57 -0.73	62.44 -3.87 -0.67	74.91 -5.12 0.00	68.01 -4.65 0.00	60.87 -4.79 0.00	58.15 -4.18 0.00	53.74 -3.19 0.00	51.54 -2.04 0.00	46.02 -1.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	47.32 -0.57 0.00	43.64 -0.94 0.00	41.15 -0.88 0.00	40.43 -0.87 0.00	41.19 -0.93 0.00	41.22 -0.71 0.00	66.26 -1.77 0.00	71.75 -1.92 0.00	64.72 -1.73 0.00	56.29 -2.71 0.00	54.90 -1.70 0.00	52.04 -1.89 0.00	50.41 -2.21 0.00	49.84 -2.40 0.00	52.53 -2.53 0.00	53.10 -1.81 0.00	62.56 -3.09 0.00	76.27 -3.76 0.00	70.26 -2.40 0.00	63.63 -2.04 0.00	60.77 -1.56 0.00	55.79 -1.14 0.00	54.11 0.54 0.00	47.67 0.38 0.00
LACHUTE____HYDRO 323717	53.44 5.03 -0.52	49.48 4.90 0.00	46.74 4.62 -0.08	45.89 4.58 0.00	46.79 4.67 0.00	56.04 4.82 -9.28	76.95 8.23 -0.69	83.74 9.28 -0.79	74.57 7.77 -0.35	65.25 6.25 0.00	62.43 5.83 0.00	59.10 5.18 0.00	57.41 4.79 0.00	56.99 4.75 0.00	60.07 5.01 0.00	67.23 5.44 -6.88	78.90 6.89 -6.37	89.08 9.04 0.00	81.09 8.42 0.00	73.09 7.42 0.00	69.37 7.04 0.00	63.03 6.09 0.00	59.14 5.57 0.00	51.93 4.64 0.00
LAWRNCALV_115KV_TB1 80681	47.23 -0.67 -0.01	43.64 -0.94 0.00	41.20 -0.84 0.00	40.43 -0.87 0.00	41.19 -0.93 0.00	41.01 -1.05 -0.13	65.58 -2.45 -0.01	71.10 -2.58 -0.01	64.26 -2.19 0.00	55.87 -3.13 0.00	54.50 -2.09 0.00	51.82 -2.10 0.00	50.25 -2.37 0.00	49.78 -2.46 0.00	52.42 -2.64 0.00	52.87 -2.14 -0.10	62.12 -3.61 -0.09	75.39 -4.64 0.00	69.25 -3.42 0.00	62.78 -2.89 0.00	59.96 -2.37 0.00	55.22 -1.71 0.00	53.57 0.00 0.00	47.43 0.14 0.00
LEDERLE____ 23769	51.11 2.83 -0.39	47.03 2.45 0.00	44.41 2.31 -0.06	43.41 2.11 0.00	44.31 2.19 0.00	51.14 2.26 -6.94	72.28 3.74 -0.52	78.53 4.27 -0.59	70.76 4.05 -0.26	62.90 3.89 0.00	60.33 3.74 0.00	57.59 3.67 0.00	56.31 3.68 0.00	55.90 3.66 0.00	58.81 3.74 0.00	63.70 3.62 -5.16	74.75 4.33 -4.78	85.56 5.52 0.00	77.46 4.80 0.00	70.00 4.33 0.00	66.50 4.18 0.00	60.58 3.64 0.00	56.62 3.05 0.00	49.80 2.51 0.00
LIGHTHSE_115KV_TB6 355974	46.68 -1.25 -0.03	43.46 -1.11 0.00	40.99 -1.05 0.00	40.27 -1.03 0.00	41.11 -1.01 0.00	41.41 -1.05 -0.53	66.50 -1.56 -0.04	72.24 -1.47 -0.05	64.94 -1.53 -0.02	57.47 -1.53 0.00	55.07 -1.53 0.00	52.41 -1.51 0.00	51.10 -1.53 0.00	50.78 -1.46 0.00	53.52 -1.54 0.00	53.73 -1.59 -0.40	64.17 -1.84 -0.37	78.03 -2.00 0.00	70.92 -1.74 0.00	64.16 -1.51 0.00	61.20 -1.12 0.00	56.02 -0.91 0.00	52.93 -0.64 0.00	46.73 -0.57 0.00
LINDEN COGEN____ 23786	51.22 2.92 -0.40	47.07 2.49 0.00	44.45 2.35 -0.06	43.45 2.15 0.00	44.31 2.19 0.00	51.41 2.30 -7.17	72.30 3.74 -0.54	78.63 4.35 -0.61	70.86 4.12 -0.28	67.53 4.25 -4.28	61.20 4.02 -0.59	64.07 4.05 -6.10	63.96 4.05 -7.29	63.86 4.02 -7.60	63.90 4.07 -4.77	66.49 3.79 -7.79	74.98 4.40 -4.94	85.55 5.52 0.00	77.60 4.94 0.00	70.07 4.40 0.00	66.58 4.24 -0.02	60.70 3.76 -0.02	56.69 3.11 -0.01	49.85 2.55 -0.01
LINDHRST_69_KV_BK1 356055	53.38 5.08 -0.41	48.81 4.23 0.00	45.88 3.78 -0.06	44.85 3.55 0.00	45.82 3.71 0.00	53.13 4.03 -7.17	72.78 4.22 -0.54	79.51 5.23 -0.61	71.64 4.92 -0.27	64.37 5.37 0.00	61.86 5.26 0.00	59.86 5.93 0.00	58.85 6.21 -0.01	58.37 6.11 -0.01	61.29 6.22 0.00	65.80 5.55 -5.34	77.28 6.70 -4.94	87.80 7.76 0.00	80.51 7.85 0.00	72.37 6.70 0.00	68.50 6.17 0.00	62.17 5.24 0.00	58.45 4.87 0.00	51.55 4.26 0.00
LIPA_MISC_IPP 23656	53.24 4.93 -0.41	48.68 4.10 0.00	45.71 3.61 -0.06	44.69 3.39 0.00	45.70 3.58 0.00	53.05 3.94 -7.17	72.10 3.54 -0.54	78.78 4.49 -0.61	71.04 4.32 -0.27	64.08 5.07 0.00	61.58 4.98 0.00	59.64 5.72 0.00	58.69 6.05 -0.02	58.16 5.90 -0.02	61.10 6.00 -0.04	65.25 5.00 -5.34	76.42 5.84 -4.94	86.44 6.40 0.00	79.49 6.83 0.00	71.45 5.78 0.00	67.62 5.30 0.00	61.54 4.61 0.00	57.91 4.34 0.00	51.12 3.83 0.00
LISF____SOLAR 323691	53.34 5.03 -0.41	48.77 4.19 0.00	45.80 3.70 -0.06	44.77 3.47 0.00	45.74 3.62 0.00	53.13 4.03 -7.17	72.30 3.74 -0.54	78.93 4.64 -0.61	71.04 4.32 -0.27	64.19 5.19 0.00	61.98 5.38 0.00	60.02 6.09 0.00	58.79 6.15 -0.02	58.26 6.00 -0.02	61.27 6.17 -0.04	65.41 5.16 -5.34	76.62 6.04 -4.94	86.68 6.64 0.00	79.71 7.05 0.00	71.64 5.97 0.00	67.62 5.29 0.00	61.66 4.72 0.00	58.02 4.44 0.00	51.22 3.92 0.00
LITTLE FALLS____HYD 24013	50.58 2.68 0.00	47.16 2.59 0.00	44.47 2.44 0.00	43.74 2.44 0.00	44.64 2.53 0.00	44.28 2.35 0.00	71.97 3.95 0.00	77.94 4.27 0.00	70.24 3.79 0.00	62.31 3.30 0.00	59.82 3.23 0.00	57.05 3.13 0.00	55.62 3.00 0.00	55.22 2.98 0.00	58.09 3.03 0.00	57.88 2.97 0.00	69.05 3.41 0.00	84.20 4.16 0.00	76.37 3.71 0.00	69.02 3.35 0.00	65.50 3.18 0.00	59.84 2.90 0.00	56.30 2.73 0.00	49.75 2.46 0.00

LITTLRIV_115KV_TB1 356100	47.76 -0.14 -0.01	44.18 -0.40 0.00	41.70 -0.34 0.00	40.93 -0.37 0.00	41.70 -0.42 0.00	41.56 -0.50 -0.13	66.54 -1.50 -0.01	72.13 -1.55 -0.01	64.99 -1.46 0.00	56.35 -2.66 0.00	54.90 -1.70 0.00	52.20 -1.73 0.00	50.57 -2.05 0.00	50.10 -2.14 0.00	52.80 -2.26 0.00	53.26 -1.76 -0.10	62.78 -2.95 -0.09	76.43 -3.60 0.00	70.26 -2.40 0.00	63.70 -1.97 0.00	60.83 -1.50 0.00	56.02 -0.91 0.00	54.32 0.75 0.00	48.05 0.76 0.00
LI_NEWBRDGE___DRP 323616	52.23 3.93 -0.41	47.83 3.25 0.00	45.00 2.90 -0.06	43.99 2.68 0.00	44.94 2.82 0.00	52.21 3.10 -7.17	71.35 2.79 -0.54	77.82 3.54 -0.61	70.17 3.46 -0.27	63.07 4.07 0.00	60.61 4.02 0.00	58.61 4.69 0.00	57.58 4.95 -0.02	57.06 4.81 -0.02	60.02 4.96 0.00	64.48 4.23 -5.34	75.50 4.92 -4.94	85.64 5.60 0.00	78.40 5.74 0.00	70.59 4.93 0.00	66.81 4.49 0.00	60.80 3.87 0.00	57.21 3.64 0.00	50.51 3.22 0.00
LOCKPORT_115KV_TB60_63_64 80432	44.74 -3.21 -0.05	42.48 -2.10 0.00	39.69 -2.35 -0.01	39.81 -1.49 0.00	40.52 -1.60 0.00	40.04 -2.81 -0.92	63.33 -4.76 -0.07	68.22 -5.53 -0.08	60.64 -5.85 -0.03	54.69 -4.31 0.00	52.18 -4.41 0.00	49.50 -4.42 0.00	47.83 -4.79 0.00	47.80 -4.44 0.00	50.44 -4.63 0.00	51.11 -4.61 -0.81	61.33 -5.05 -0.75	74.19 -5.84 0.00	67.50 -5.16 0.00	60.22 -5.45 0.00	57.59 -4.74 0.00	53.35 -3.59 0.00	51.48 -2.09 0.00	46.25 -1.04 0.00
LOCKPORT___CC1 323769	44.74 -3.21 -0.05	42.88 -1.69 0.00	40.24 -1.81 -0.01	39.40 -1.90 0.00	40.60 -1.51 0.00	40.05 -2.81 -0.93	63.33 -4.76 -0.07	68.96 -4.79 -0.08	60.77 -5.72 -0.03	54.75 -4.25 0.00	52.07 -4.53 0.00	49.45 -4.48 0.00	47.83 -4.79 0.00	47.80 -4.44 0.00	50.44 -4.62 0.00	51.12 -4.61 -0.81	61.34 -5.05 -0.75	74.20 -5.84 0.00	67.50 -5.16 0.00	60.22 -5.45 0.00	57.65 -4.68 0.00	53.40 -3.53 0.00	51.48 -2.09 0.00	46.25 -1.04 0.00
LOCKPORT___CC2 323770	44.74 -3.21 -0.05	42.88 -1.69 0.00	40.24 -1.81 -0.01	39.40 -1.90 0.00	40.60 -1.51 0.00	40.05 -2.81 -0.93	63.33 -4.76 -0.07	68.96 -4.79 -0.08	60.77 -5.72 -0.03	54.75 -4.25 0.00	52.07 -4.53 0.00	49.45 -4.48 0.00	47.83 -4.79 0.00	47.80 -4.44 0.00	50.44 -4.62 0.00	51.12 -4.61 -0.81	61.34 -5.05 -0.75	74.20 -5.84 0.00	67.50 -5.16 0.00	60.22 -5.45 0.00	57.65 -4.68 0.00	53.40 -3.53 0.00	51.48 -2.09 0.00	46.25 -1.04 0.00
LOCKPORT___CC3 323771	44.74 -3.21 -0.05	42.88 -1.69 0.00	40.24 -1.81 -0.01	39.40 -1.90 0.00	40.60 -1.51 0.00	40.05 -2.81 -0.93	63.33 -4.76 -0.07	68.96 -4.79 -0.08	60.77 -5.72 -0.03	54.75 -4.25 0.00	52.07 -4.53 0.00	49.45 -4.48 0.00	47.83 -4.79 0.00	47.80 -4.44 0.00	50.44 -4.62 0.00	51.12 -4.61 -0.81	61.34 -5.05 -0.75	74.20 -5.84 0.00	67.50 -5.16 0.00	60.22 -5.45 0.00	57.65 -4.68 0.00	53.40 -3.53 0.00	51.48 -2.09 0.00	46.25 -1.04 0.00
LOCUSVLY_69_KV_BK2 55797	52.33 4.02 -0.41	47.96 3.39 0.00	45.17 3.07 -0.06	44.15 2.85 0.00	45.07 2.95 0.00	52.29 3.19 -7.17	72.17 3.61 -0.54	78.63 4.35 -0.61	70.97 4.25 -0.27	63.54 4.54 0.00	61.07 4.47 0.00	58.88 4.96 0.00	57.79 5.16 -0.01	57.32 5.07 -0.01	60.24 5.18 0.00	64.87 4.61 -5.34	76.03 5.45 -4.94	86.44 6.40 0.00	78.91 6.25 0.00	71.05 5.38 0.00	67.31 4.99 0.00	61.26 4.33 0.00	57.54 3.96 0.00	50.70 3.41 0.00
LONG_LAKE_PHOENIX 24014	46.54 -1.39 -0.03	43.33 -1.25 0.00	40.82 -1.22 -0.01	40.10 -1.20 0.00	40.94 -1.18 0.00	41.34 -1.17 -0.59	66.23 -1.84 -0.04	71.80 -1.92 -0.05	64.68 -1.79 -0.02	57.47 -1.53 0.00	55.12 -1.47 0.00	52.41 -1.51 0.00	51.15 -1.47 0.00	50.78 -1.46 0.00	53.52 -1.54 0.00	53.77 -1.59 -0.44	64.22 -1.84 -0.41	77.79 -2.24 0.00	70.63 -2.03 0.00	63.76 -1.90 0.00	60.52 -1.81 0.00	55.40 -1.54 0.00	52.18 -1.39 0.00	46.06 -1.23 0.00
LOVETT___3 23632	50.88 2.59 -0.39	46.85 2.27 0.00	44.24 2.14 -0.06	43.24 1.94 0.00	44.14 2.02 0.00	51.01 2.10 -6.98	72.02 3.47 -0.52	78.17 3.90 -0.60	70.43 3.72 -0.26	62.60 3.60 0.00	60.05 3.45 0.00	57.32 3.40 0.00	56.04 3.42 0.00	55.63 3.40 0.00	58.53 3.47 0.00	63.46 3.35 -5.19	74.45 4.00 -4.81	85.08 5.04 0.00	77.09 4.43 0.00	69.67 4.01 0.00	66.13 3.80 0.00	60.29 3.36 0.00	56.36 2.79 0.00	49.56 2.27 0.00
LOVETT___4 23642	50.88 2.59 -0.39	46.85 2.27 0.00	44.24 2.14 -0.06	43.24 1.94 0.00	44.14 2.02 0.00	51.01 2.10 -6.98	72.02 3.47 -0.52	78.17 3.90 -0.60	70.43 3.72 -0.26	62.60 3.60 0.00	60.05 3.45 0.00	57.32 3.40 0.00	56.04 3.42 0.00	55.63 3.40 0.00	58.53 3.47 0.00	63.46 3.35 -5.19	74.45 4.00 -4.81	85.08 5.04 0.00	77.09 4.43 0.00	69.67 4.01 0.00	66.13 3.80 0.00	60.29 3.36 0.00	56.36 2.79 0.00	49.56 2.27 0.00
LOVETT___5 23593	50.88 2.59 -0.39	46.85 2.27 0.00	44.24 2.14 -0.06	43.24 1.94 0.00	44.14 2.02 0.00	51.01 2.10 -6.98	72.02 3.47 -0.52	78.17 3.90 -0.60	70.43 3.72 -0.26	62.60 3.60 0.00	60.05 3.45 0.00	57.32 3.40 0.00	56.04 3.42 0.00	55.63 3.40 0.00	58.53 3.47 0.00	63.46 3.35 -5.19	74.45 4.00 -4.81	85.08 5.04 0.00	77.09 4.43 0.00	69.67 4.01 0.00	66.13 3.80 0.00	60.29 3.36 0.00	56.36 2.79 0.00	49.56 2.27 0.00
LOWER RAQUET___HYD 24057	47.14 -0.77 -0.01	43.60 -0.98 0.00	41.07 -0.97 0.00	40.39 -0.91 0.00	41.11 -1.01 0.00	40.94 -1.13 -0.14	65.38 -2.65 -0.01	69.77 -3.91 -0.01	63.86 -2.59 -0.01	55.70 -3.30 0.00	54.33 -2.27 0.00	51.55 -2.37 0.00	50.10 -2.52 0.00	49.63 -2.61 0.00	52.31 -2.75 0.00	52.66 -2.36 -0.10	61.93 -3.81 -0.10	75.15 -4.88 0.00	68.74 -3.92 0.00	62.58 -3.09 0.00	59.77 -2.56 0.00	55.34 -1.59 0.00	53.46 -0.11 0.00	47.39 0.09 0.00
LOWER___HUDSON 24059	50.08 1.68 -0.51	46.23 1.65 0.00	43.71 1.60 -0.08	42.91 1.61 0.00	43.72 1.60 0.00	52.59 1.59 -9.07	71.35 2.65 -0.68	77.31 2.87 -0.78	69.31 2.52 -0.34	60.83 1.83 0.00	58.35 1.76 0.00	55.60 1.67 0.00	54.25 1.63 0.00	53.75 1.52 0.00	56.71 1.65 0.00	63.70 2.03 -6.75	74.45 2.56 -6.25	83.24 3.20 0.00	75.49 2.83 0.00	68.23 2.56 0.00	64.45 2.12 0.00	58.64 1.71 0.00	54.96 1.39 0.00	48.57 1.28 0.00
LOWVILLE_115KV_TB2 356335	47.58 -0.34 -0.02	44.62 0.04 0.00	42.16 0.13 0.00	41.38 0.08 0.00	42.24 0.13 0.00	41.95 -0.25 -0.27	67.64 -0.41 -0.02	73.62 -0.07 -0.02	66.26 -0.20 -0.01	58.12 -0.89 0.00	55.92 -0.68 0.00	53.22 -0.70 0.00	51.89 -0.74 0.00	51.56 -0.68 0.00	54.40 -0.66 0.00	54.46 -0.66 -0.20	64.71 -1.12 -0.19	79.16 -0.88 0.00	72.01 -0.65 0.00	65.73 0.07 0.00	62.82 0.50 0.00	57.50 0.57 0.00	54.43 0.86 0.00	48.05 0.76 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.86 2.44 -0.52	46.98 2.41 0.00	44.39 2.27 -0.08	43.57 2.27 0.00	44.39 2.27 0.00	53.55 2.35 -9.27	72.59 3.88 -0.69	78.73 4.27 -0.79	70.52 3.72 -0.35	61.95 2.95 0.00	59.37 2.77 0.00	56.46 2.53 0.00	55.04 2.42 0.00	54.59 2.35 0.00	57.65 2.59 0.00	64.64 2.86 -6.87	75.61 3.61 -6.36	84.52 4.48 0.00	76.73 4.07 0.00	69.28 3.61 0.00	65.63 3.30 0.00	59.78 2.85 0.00	56.09 2.52 0.00	49.42 2.13 0.00

LUTHERNY_35_KV_BK2 355980	50.91 2.49 -0.52	46.98 2.41 0.00	44.43 2.31 -0.08	43.61 2.31 0.00	44.43 2.32 0.00	53.55 2.35 -9.27	72.66 3.95 -0.69	78.73 4.27 -0.79	70.58 3.79 -0.35	62.01 3.01 0.00	59.43 2.83 0.00	56.51 2.59 0.00	55.10 2.47 0.00	54.64 2.40 0.00	57.70 2.64 0.00	64.69 2.91 -6.87	75.61 3.61 -6.36	84.60 4.56 0.00	76.73 4.07 0.00	69.34 3.68 0.00	65.69 3.37 0.00	59.78 2.85 0.00	56.09 2.52 0.00	49.47 2.18 0.00
LWR___OSWEGATCHIE_HYD 23850	46.95 -0.96 -0.01	43.68 -0.89 0.00	41.28 -0.76 0.00	40.52 -0.78 0.00	41.32 -0.80 0.00	41.01 -1.13 -0.21	65.80 -2.24 -0.02	71.48 -2.21 -0.02	64.47 -1.99 -0.01	56.29 -2.71 0.00	54.62 -1.98 0.00	51.98 -1.94 0.00	50.57 -2.05 0.00	50.20 -2.04 0.00	52.86 -2.20 0.00	53.10 -1.98 -0.16	62.57 -3.22 -0.15	76.27 -3.76 0.00	69.68 -2.98 0.00	63.37 -2.30 0.00	60.64 -1.68 0.00	55.79 -1.14 0.00	53.52 -0.05 0.00	47.34 0.05 0.00
LYONS_FALL_HYD 23570	48.01 0.10 -0.01	44.93 0.35 0.00	42.41 0.38 0.00	41.67 0.37 0.00	42.54 0.42 0.00	42.35 0.17 -0.25	68.38 0.34 -0.02	74.21 0.52 -0.02	66.99 0.53 -0.01	59.00 0.00 0.00	56.65 0.06 0.00	54.03 0.11 0.00	52.67 0.05 0.00	52.34 0.10 0.00	55.17 0.11 0.00	55.22 0.11 -0.19	65.69 -0.13 -0.17	80.20 0.16 0.00	72.88 0.22 0.00	66.26 0.59 0.00	63.20 0.87 0.00	57.79 0.86 0.00	54.54 0.97 0.00	48.14 0.85 0.00
MADISON___COUNTY_LFGE 323628	48.78 0.86 -0.02	45.56 0.98 0.00	42.96 0.92 0.00	42.21 0.91 0.00	43.13 1.01 0.00	43.33 0.96 -0.44	69.76 1.70 -0.03	75.77 2.06 -0.04	68.26 1.79 -0.02	60.48 1.48 0.00	57.90 1.30 0.00	55.22 1.29 0.00	53.83 1.21 0.00	53.54 1.31 0.00	56.44 1.38 0.00	56.45 1.21 -0.33	67.32 1.38 -0.30	81.96 1.92 0.00	74.33 1.67 0.00	67.18 1.51 0.00	63.88 1.56 0.00	58.36 1.42 0.00	54.91 1.34 0.00	48.43 1.14 0.00
MALONE___115KV_TB1 356076	47.47 -0.43 0.00	43.77 -0.80 0.00	41.28 -0.76 0.00	40.56 -0.74 0.00	41.32 -0.80 0.00	41.26 -0.67 0.00	66.32 -1.70 0.00	71.90 -1.77 0.00	64.92 -1.53 0.00	56.41 -2.60 0.00	55.07 -1.53 0.00	52.20 -1.73 0.00	50.62 -2.00 0.00	50.04 -2.19 0.00	52.75 -2.31 0.00	53.27 -1.65 0.00	62.62 -3.02 0.00	76.35 -3.68 0.00	70.19 -2.47 0.00	63.63 -2.04 0.00	60.71 -1.62 0.00	55.79 -1.14 0.00	54.16 0.59 0.00	47.77 0.47 0.00
MAPLEWOD_115KV_TB3 80458	50.13 1.72 -0.51	46.23 1.65 0.00	43.75 1.64 -0.08	42.95 1.65 0.00	43.76 1.64 0.00	52.51 1.59 -8.99	71.28 2.58 -0.67	77.31 2.87 -0.77	69.31 2.53 -0.34	60.95 1.95 0.00	58.41 1.81 0.00	55.65 1.73 0.00	54.31 1.68 0.00	53.86 1.62 0.00	56.82 1.76 0.00	63.36 1.76 -6.68	73.93 2.10 -6.18	82.68 2.64 0.00	74.99 2.33 0.00	67.83 2.17 0.00	64.13 1.81 0.00	58.41 1.48 0.00	54.75 1.18 0.00	48.33 1.04 0.00
MAPLE_RIDGE_WT_1 323574	46.51 -1.39 0.00	43.15 -1.43 0.00	40.69 -1.35 0.00	40.02 -1.28 0.00	40.81 -1.31 0.00	40.76 -1.17 0.00	65.84 -2.18 0.00	70.72 -2.95 0.00	63.99 -2.46 0.00	56.47 -2.54 0.00	54.50 -2.09 0.00	51.87 -2.05 0.00	50.62 -2.00 0.00	50.25 -1.99 0.00	53.02 -2.04 0.00	53.16 -1.76 0.00	63.21 -2.43 0.00	76.99 -3.04 0.00	70.12 -2.55 0.00	63.56 -2.10 0.00	60.65 -1.68 0.00	55.73 -1.20 0.00	52.98 -0.59 0.00	46.82 -0.47 0.00
MAPLE_RIDGE_WT_2 323611	46.51 -1.39 0.00	43.15 -1.43 0.00	40.69 -1.35 0.00	40.02 -1.28 0.00	40.81 -1.31 0.00	40.76 -1.17 0.00	65.84 -2.18 0.00	70.72 -2.95 0.00	63.99 -2.46 0.00	56.47 -2.54 0.00	54.50 -2.09 0.00	51.87 -2.05 0.00	50.62 -2.00 0.00	50.25 -1.99 0.00	53.02 -2.04 0.00	53.16 -1.76 0.00	63.21 -2.43 0.00	76.99 -3.04 0.00	70.12 -2.55 0.00	63.56 -2.10 0.00	60.65 -1.68 0.00	55.73 -1.20 0.00	52.98 -0.59 0.00	46.82 -0.47 0.00
MARBLE_RIVER_WT_PWR 323696	46.89 -1.01 0.00	43.24 -1.34 0.00	40.69 -1.35 0.00	40.06 -1.24 0.00	40.77 -1.35 0.00	40.80 -1.13 0.00	65.64 -2.38 0.00	69.99 -3.68 0.00	63.86 -2.59 0.00	55.81 -3.19 0.00	54.39 -2.21 0.00	51.44 -2.48 0.00	49.94 -2.68 0.00	49.37 -2.87 0.00	52.03 -3.03 0.00	52.56 -2.36 0.00	61.90 -3.74 0.00	75.39 -4.64 0.00	69.10 -3.56 0.00	62.78 -2.89 0.00	59.96 -2.37 0.00	55.40 -1.53 0.00	53.36 -0.21 0.00	47.06 -0.24 0.00
MARSHVLE_115KV_TB1 80742	49.46 0.96 -0.61	45.51 0.94 0.00	43.01 0.88 -0.10	42.17 0.87 0.00	43.04 0.93 0.00	54.05 1.22 -10.90	70.54 1.70 -0.81	76.44 1.84 -0.93	67.52 0.66 -0.41	58.71 -0.30 0.00	56.37 -0.23 0.00	53.76 -0.16 0.00	52.36 -0.26 0.00	52.45 0.21 0.00	55.67 0.61 0.00	64.03 1.04 -8.07	74.23 1.12 -7.47	81.88 1.84 0.00	74.99 2.33 0.00	67.70 2.04 0.00	64.13 1.81 0.00	58.87 1.94 0.00	55.18 1.61 0.00	48.47 1.18 0.00
MARSH_HILL_WT_PWR 323713	45.15 -2.83 -0.08	43.24 -1.34 0.00	40.49 -1.55 -0.01	39.73 -1.57 0.00	40.77 -1.35 0.00	40.88 -2.47 -1.43	64.26 -3.87 -0.11	70.84 -2.95 -0.12	62.19 -4.32 -0.05	55.40 -3.60 0.00	52.18 -4.41 0.00	49.66 -4.26 0.00	47.89 -4.74 0.00	47.96 -4.28 0.00	50.71 -4.35 0.00	53.05 -3.07 -1.20	63.94 -2.82 -1.12	77.88 -2.16 0.00	71.13 -1.53 0.00	64.03 -1.64 0.00	61.27 -1.06 0.00	56.36 -0.57 0.00	53.73 0.16 0.00	47.91 0.61 0.00
MCINTYRE_115KV_TB2 80467	48.09 0.19 -0.01	44.49 -0.09 0.00	41.99 -0.04 0.00	41.22 -0.08 0.00	42.03 -0.08 0.00	41.97 -0.08 -0.12	67.22 -0.82 -0.01	72.87 -0.81 -0.01	65.53 -0.93 0.00	56.58 -2.42 0.00	55.18 -1.41 0.00	52.41 -1.51 0.00	50.73 -1.89 0.00	50.25 -1.99 0.00	53.02 -2.04 0.00	53.64 -1.37 -0.09	63.30 -2.43 -0.09	77.23 -2.80 0.00	71.06 -1.60 0.00	64.42 -1.25 0.00	61.52 -0.81 0.00	56.53 -0.40 0.00	54.80 1.23 0.00	48.43 1.14 0.00
MECO_____69_KV_BK1 80468	50.91 2.44 -0.57	46.94 2.36 0.00	44.35 2.23 -0.09	43.49 2.19 0.00	44.39 2.27 0.00	54.66 2.52 -10.21	72.94 4.15 -0.76	79.11 4.57 -0.87	69.95 3.12 -0.38	60.71 1.71 0.00	57.95 1.36 0.00	54.95 1.02 0.00	53.52 0.89 0.00	53.60 1.36 0.00	56.99 1.93 0.00	65.05 2.58 -7.55	75.98 3.35 -6.99	84.68 4.64 0.00	77.09 4.43 0.00	69.61 3.94 0.00	65.94 3.61 0.00	60.29 3.36 0.00	56.46 2.89 0.00	49.61 2.32 0.00
MENANDS___115KV_TB5 355628	49.60 1.20 -0.50	45.74 1.16 0.00	43.29 1.18 -0.08	42.50 1.20 0.00	43.25 1.14 0.00	51.75 0.96 -8.86	70.25 1.56 -0.66	76.12 1.69 -0.76	68.38 1.59 -0.33	60.18 1.18 0.00	57.73 1.13 0.00	55.00 1.08 0.00	53.73 1.11 0.00	53.28 1.04 0.00	56.16 1.10 0.00	63.06 1.48 -6.66	73.58 1.77 -6.17	82.20 2.16 0.00	74.62 1.96 0.00	67.51 1.84 0.00	63.82 1.50 0.00	58.13 1.20 0.00	54.43 0.86 0.00	48.14 0.85 0.00
MG INDUSTRY___DRP 24185	49.77 1.39 -0.49	46.05 1.47 0.00	43.54 1.43 -0.08	42.75 1.45 0.00	43.55 1.43 0.00	51.83 1.22 -8.68	70.65 1.97 -0.65	76.47 2.06 -0.74	68.77 1.99 -0.32	60.54 1.53 0.00	57.95 1.36 0.00	55.16 1.24 0.00	53.83 1.21 0.00	53.44 1.20 0.00	56.38 1.32 0.00	62.88 1.48 -6.48	73.48 1.84 -6.00	82.52 2.48 0.00	74.91 2.25 0.00	67.77 2.10 0.00	64.20 1.87 0.00	58.53 1.59 0.00	54.86 1.29 0.00	48.47 1.18 0.00

MID___OSWEGATCHIE_HYD 23849	46.95 -0.96 -0.01	43.68 -0.89 0.00	41.28 -0.76 0.00	40.52 -0.78 0.00	41.32 -0.80 0.00	41.01 -1.13 -0.21	65.80 -2.24 -0.02	71.48 -2.21 -0.02	64.47 -1.99 -0.01	56.29 -2.71 0.00	54.62 -1.98 0.00	51.98 -1.94 0.00	50.57 -2.05 0.00	50.20 -2.04 0.00	52.86 -2.20 0.00	53.10 -1.98 -0.16	62.57 -3.22 -0.15	76.27 -3.76 0.00	69.68 -2.98 0.00	63.37 -2.30 0.00	60.64 -1.68 0.00	55.79 -1.14 0.00	53.52 -0.05 0.00	47.34 0.05 0.00
MID___RAQUETTE_HYD 23851	47.14 -0.77 -0.01	43.60 -0.98 0.00	41.11 -0.92 0.00	40.39 -0.91 0.00	41.15 -0.97 0.00	40.94 -1.13 -0.14	65.38 -2.65 -0.01	70.88 -2.80 -0.01	64.13 -2.33 -0.01	55.70 -3.30 0.00	54.33 -2.26 0.00	51.66 -2.26 0.00	50.10 -2.53 0.00	49.63 -2.61 0.00	52.31 -2.75 0.00	52.66 -2.36 -0.10	61.93 -3.81 -0.10	75.15 -4.88 0.00	68.96 -3.71 0.00	62.58 -3.09 0.00	59.77 -2.56 0.00	55.05 -1.88 0.00	53.46 -0.11 0.00	47.39 0.09 0.00
MILLIKEN___1 23584	48.36 0.38 -0.08	45.11 0.53 0.00	42.43 0.38 -0.01	41.67 0.37 0.00	42.58 0.46 0.00	43.81 0.38 -1.50	69.02 0.88 -0.11	74.82 1.03 -0.12	67.24 0.73 -0.06	59.77 0.77 0.00	57.11 0.51 0.00	54.30 0.38 0.00	52.89 0.26 0.00	52.60 0.37 0.00	55.50 0.44 0.00	56.29 0.22 -1.15	67.23 0.53 -1.06	81.00 0.96 0.00	73.61 0.94 0.00	66.46 0.79 0.00	63.14 0.81 0.00	57.73 0.80 0.00	54.43 0.86 0.00	48.10 0.80 0.00
MILLIKEN___2 23585	48.36 0.38 -0.08	45.11 0.53 0.00	42.43 0.38 -0.01	41.67 0.37 0.00	42.58 0.46 0.00	43.81 0.38 -1.50	69.02 0.88 -0.11	74.82 1.03 -0.12	67.24 0.73 -0.06	59.77 0.77 0.00	57.11 0.51 0.00	54.30 0.38 0.00	52.89 0.26 0.00	52.60 0.37 0.00	55.50 0.44 0.00	56.29 0.22 -1.15	67.23 0.53 -1.06	81.00 0.96 0.00	73.61 0.94 0.00	66.46 0.79 0.00	63.14 0.81 0.00	57.73 0.80 0.00	54.43 0.86 0.00	48.10 0.80 0.00
MILLIKEN___DIESEL 23629	48.36 0.38 -0.08	45.11 0.53 0.00	42.43 0.38 -0.01	41.67 0.37 0.00	42.58 0.46 0.00	43.81 0.38 -1.50	69.02 0.88 -0.11	74.82 1.03 -0.12	67.24 0.73 -0.06	59.77 0.77 0.00	57.11 0.51 0.00	54.30 0.38 0.00	52.89 0.26 0.00	52.60 0.37 0.00	55.50 0.44 0.00	56.29 0.22 -1.15	67.23 0.53 -1.06	81.00 0.96 0.00	73.61 0.94 0.00	66.46 0.79 0.00	63.14 0.81 0.00	57.73 0.80 0.00	54.43 0.86 0.00	48.10 0.80 0.00
MILLSEAT___LFGE 323607	45.65 -2.30 -0.05	43.55 -1.02 0.00	40.87 -1.18 -0.01	40.02 -1.28 0.00	41.28 -0.84 0.00	40.86 -1.97 -0.89	64.83 -3.26 -0.07	70.72 -3.02 -0.08	62.43 -4.06 -0.03	56.05 -2.95 0.00	53.37 -3.22 0.00	50.63 -3.29 0.00	49.04 -3.58 0.00	48.95 -3.29 0.00	51.70 -3.36 0.00	52.29 -3.40 -0.78	62.82 -3.55 -0.72	76.04 -4.00 0.00	69.17 -3.49 0.00	61.73 -3.94 0.00	59.08 -3.24 0.00	54.54 -2.39 0.00	52.50 -1.07 0.00	47.06 -0.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.98 2.68 -0.40	46.94 2.36 0.00	44.33 2.23 -0.06	43.37 2.07 0.00	44.22 2.11 0.00	51.24 2.18 -7.13	72.09 3.54 -0.53	78.26 3.98 -0.61	70.57 3.85 -0.27	62.72 3.72 0.00	60.16 3.57 0.00	57.43 3.51 0.00	56.20 3.58 0.00	55.79 3.55 0.00	58.64 3.58 0.00	63.68 3.46 -5.30	74.69 4.14 -4.91	85.16 5.12 0.00	77.24 4.58 0.00	69.80 4.14 0.00	66.25 3.93 0.00	60.41 3.47 0.00	56.46 2.89 0.00	49.66 2.36 0.00
MILLWOOD_13_KV_LOAD 356217	51.12 2.83 -0.40	47.07 2.50 0.00	44.45 2.35 -0.06	43.49 2.19 0.00	44.35 2.23 0.00	51.37 2.31 -7.13	72.37 3.81 -0.53	78.48 4.20 -0.61	70.77 4.05 -0.27	62.90 3.89 0.00	60.33 3.74 0.00	57.59 3.67 0.00	56.36 3.74 0.00	55.95 3.71 0.00	58.81 3.74 0.00	63.84 3.62 -5.30	74.88 4.33 -4.91	85.40 5.36 0.00	77.46 4.80 0.00	69.94 4.27 0.00	66.44 4.11 0.00	60.58 3.64 0.00	56.62 3.05 0.00	49.80 2.51 0.00
MODEL_CITY_ENERGY 24167	44.31 -3.64 -0.05	42.71 -1.87 0.00	40.07 -1.97 -0.01	38.99 -2.31 0.00	40.47 -1.64 0.00	39.68 -3.19 -0.94	62.72 -5.38 -0.07	68.15 -5.60 -0.08	60.11 -6.38 -0.03	54.16 -4.84 0.00	51.56 -5.04 0.00	48.91 -5.01 0.00	47.36 -5.26 0.00	47.33 -4.91 0.00	49.88 -5.18 0.00	50.57 -5.16 -0.82	60.69 -5.71 -0.76	73.31 -6.72 0.00	66.70 -5.96 0.00	59.56 -6.11 0.00	56.97 -5.36 0.00	52.78 -4.15 0.00	50.95 -2.62 0.00	45.88 -1.42 0.00
MODERN_LFGE___ 323580	44.31 -3.64 -0.05	42.71 -1.87 0.00	40.07 -1.97 -0.01	38.99 -2.31 0.00	40.47 -1.64 0.00	39.68 -3.19 -0.94	62.72 -5.38 -0.07	68.15 -5.60 -0.08	60.11 -6.38 -0.03	54.16 -4.84 0.00	51.56 -5.04 0.00	48.91 -5.01 0.00	47.36 -5.26 0.00	47.33 -4.91 0.00	49.88 -5.18 0.00	50.57 -5.16 -0.82	60.69 -5.71 -0.76	73.31 -6.72 0.00	66.70 -5.96 0.00	59.56 -6.11 0.00	56.97 -5.36 0.00	52.78 -4.15 0.00	50.95 -2.62 0.00	45.88 -1.42 0.00
MOHAWK_PAPER___DRP 24187	50.13 1.72 -0.51	46.23 1.65 0.00	43.75 1.64 -0.08	42.95 1.65 0.00	43.76 1.64 0.00	52.51 1.59 -8.99	71.28 2.58 -0.67	77.31 2.87 -0.77	69.31 2.53 -0.34	60.95 1.95 0.00	58.41 1.81 0.00	55.65 1.73 0.00	54.31 1.68 0.00	53.86 1.62 0.00	56.82 1.76 0.00	63.36 1.76 -6.68	73.93 2.10 -6.18	82.68 2.64 0.00	74.99 2.33 0.00	67.83 2.17 0.00	64.13 1.81 0.00	58.41 1.48 0.00	54.75 1.18 0.00	48.33 1.04 0.00
MOHICAN___35_KV_115KV_LD 80490	51.62 3.21 -0.52	47.70 3.12 0.00	45.06 2.94 -0.08	44.23 2.93 0.00	45.11 2.99 0.00	54.27 3.06 -9.28	73.89 5.17 -0.69	80.21 5.75 -0.79	71.85 5.05 -0.35	63.07 4.07 0.00	60.39 3.79 0.00	57.32 3.40 0.00	55.78 3.16 0.00	55.32 3.08 0.00	58.36 3.30 0.00	65.47 3.68 -6.87	76.53 4.53 -6.36	85.80 5.76 0.00	77.89 5.23 0.00	70.33 4.66 0.00	66.69 4.36 0.00	60.69 3.76 0.00	56.95 3.37 0.00	50.13 2.84 0.00
MONGAUP___HYD 23641	50.75 2.49 -0.37	46.76 2.18 0.00	44.15 2.06 -0.06	43.20 1.90 0.00	44.06 1.94 0.00	50.56 2.05 -6.57	72.05 3.54 -0.49	78.13 3.90 -0.56	70.08 3.39 -0.25	62.13 3.12 0.00	59.37 2.77 0.00	56.57 2.64 0.00	55.25 2.63 0.00	54.90 2.66 0.00	57.87 2.81 0.00	62.60 2.80 -4.89	73.71 3.54 -4.52	84.76 4.72 0.00	76.80 4.14 0.00	69.41 3.74 0.00	65.94 3.61 0.00	60.12 3.19 0.00	56.30 2.73 0.00	49.56 2.27 0.00
MONTAUK___DIESEL 23721	54.96 6.66 -0.41	50.24 5.66 0.00	47.19 5.09 -0.06	46.17 4.87 0.00	47.17 5.05 0.00	54.52 5.41 -7.17	74.75 6.19 -0.54	81.80 7.51 -0.61	73.30 6.58 -0.27	65.96 6.96 0.00	63.27 6.68 0.00	61.04 7.12 0.00	59.74 7.10 -0.02	58.94 6.69 -0.02	61.82 6.72 -0.04	65.85 5.60 -5.34	77.14 6.56 -4.94	86.92 6.88 0.00	80.00 7.34 0.00	71.64 5.98 0.00	67.69 5.36 0.00	61.43 4.50 0.00	57.54 3.96 0.00	51.17 3.88 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.89 -3.07 -0.06	43.33 -1.25 0.00	40.36 -1.68 -0.01	39.98 -1.32 0.00	40.77 -1.35 0.00	40.50 -2.52 -1.09	64.91 -3.20 -0.08	70.37 -3.39 -0.09	62.84 -3.65 -0.04	56.23 -2.77 0.00	53.37 -3.23 0.00	50.53 -3.40 0.00	48.73 -3.89 0.00	48.74 -3.50 0.00	51.65 -3.41 0.00	52.27 -3.62 -0.98	63.46 -3.09 -0.91	78.52 -1.52 0.00	71.50 -1.16 0.00	63.76 -1.90 0.00	61.08 -1.25 0.00	56.31 -0.63 0.00	54.11 0.54 0.00	48.19 0.90 0.00

MORRIS_RIDGE___SOLAR 323848	45.19 -2.78 -0.07	43.24 -1.34 0.00	40.53 -1.51 -0.01	39.82 -1.49 0.00	40.81 -1.31 0.00	40.73 -2.47 -1.28	64.17 -3.95 -0.10	70.61 -3.17 -0.11	62.18 -4.32 -0.05	55.58 -3.42 0.00	52.52 -4.08 0.00	49.82 -4.10 0.00	48.20 -4.42 0.00	48.16 -4.07 0.00	50.82 -4.24 0.00	52.42 -3.63 -1.13	63.01 -3.67 -1.05	76.91 -3.12 0.00	70.05 -2.61 0.00	62.91 -2.76 0.00	60.21 -2.12 0.00	55.40 -1.53 0.00	52.93 -0.64 0.00	47.20 -0.09 0.00
MORTIMER_115KV_TB3 55949	46.50 -1.44 -0.04	43.37 -1.20 0.00	40.70 -1.35 -0.01	40.19 -1.12 0.00	40.98 -1.14 0.00	41.48 -1.22 -0.76	66.18 -1.90 -0.06	71.67 -2.06 -0.07	63.75 -2.72 -0.03	57.17 -1.83 0.00	54.73 -1.87 0.00	51.98 -1.94 0.00	50.46 -2.16 0.00	50.25 -1.99 0.00	53.08 -1.98 0.00	53.75 -1.81 -0.64	64.40 -1.84 -0.60	77.39 -2.64 0.00	70.26 -2.40 0.00	63.04 -2.63 0.00	60.08 -2.24 0.00	55.22 -1.71 0.00	52.71 -0.86 0.00	46.77 -0.52 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.32 3.02 -0.40	47.21 2.63 0.00	44.58 2.48 -0.06	43.57 2.27 0.00	44.48 2.36 0.00	51.54 2.43 -7.17	72.51 3.95 -0.54	78.70 4.42 -0.61	70.97 4.25 -0.27	62.97 4.13 0.16	60.54 3.96 0.02	57.62 3.94 0.24	56.34 4.00 0.28	55.91 3.97 0.29	58.90 4.02 0.18	64.06 3.90 -5.24	75.11 4.53 -4.94	85.72 5.68 0.00	77.75 5.09 0.00	70.20 4.53 0.00	66.75 4.43 0.00	60.80 3.87 0.00	56.84 3.27 0.00	49.99 2.70 0.00
MUNSVILLE_WIND_PWR 323609	50.61 2.58 -0.13	47.34 2.76 0.00	44.75 2.69 -0.02	43.82 2.52 0.00	44.90 2.78 0.00	46.90 2.64 -2.32	72.96 4.76 -0.17	80.06 6.19 -0.20	71.72 5.19 -0.09	63.25 4.25 0.00	60.39 3.79 0.00	57.59 3.67 0.00	55.99 3.37 0.00	55.89 3.66 0.00	58.91 3.85 0.00	60.06 3.41 -1.74	71.58 4.33 -1.61	86.20 6.16 0.00	78.04 5.38 0.00	70.46 4.79 0.00	67.19 4.86 0.00	61.20 4.27 0.00	57.64 4.07 0.00	50.84 3.55 0.00
N SALMON___HYD 24042	47.46 -0.43 0.00	43.78 -0.80 0.00	41.19 -0.84 0.00	40.56 -0.74 0.00	41.32 -0.80 0.00	41.26 -0.67 -1.70	66.33 -3.40 0.00	70.72 -2.95 0.00	64.72 -1.73 0.00	56.41 -2.59 0.00	55.07 -1.53 0.00	52.15 -1.78 0.00	50.62 -2.00 0.00	50.05 -2.19 0.00	52.75 -2.31 0.00	53.27 -1.65 0.00	62.62 -3.02 0.00	76.36 -3.68 0.00	69.97 -2.69 0.00	63.63 -2.04 0.00	60.70 -1.62 0.00	56.14 -0.80 0.00	54.16 0.59 0.00	47.77 0.47 0.00
N.AKRON__115KV_KNAPP 355671	45.55 -2.39 -0.05	43.11 -1.47 0.00	40.32 -1.72 -0.01	40.35 -0.95 0.00	41.06 -1.05 0.00	40.78 -2.05 -0.90	64.69 -3.40 -0.07	69.91 -3.83 -0.08	62.10 -4.39 -0.03	55.93 -3.07 0.00	53.37 -3.23 0.00	50.58 -3.34 0.00	48.94 -3.68 0.00	48.84 -3.40 0.00	51.59 -3.47 0.00	52.19 -3.51 -0.78	62.69 -3.68 -0.73	75.87 -4.16 0.00	68.96 -3.71 0.00	61.60 -4.07 0.00	58.90 -3.43 0.00	54.43 -2.51 0.00	52.39 -1.18 0.00	46.96 -0.33 0.00
N.E_GEN_SANDY PD 24062	50.02 1.63 -0.49	46.23 1.65 0.00	43.71 1.60 -0.08	43.15 1.65 -0.19	43.72 1.60 0.00	52.26 1.59 -8.74	73.50 2.52 -2.96	80.91 2.73 -4.51	65.40 2.39 3.44	60.59 1.59 0.00	58.13 1.53 0.00	55.43 1.51 0.00	54.15 1.53 0.00	53.55 1.31 0.00	56.55 1.49 0.00	63.34 1.92 -6.51	76.00 2.56 -7.80	83.15 3.12 0.00	75.35 2.69 0.00	68.16 2.49 0.00	64.26 1.93 0.00	58.47 1.54 0.00	54.70 1.13 0.00	48.38 1.09 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.97 2.68 -0.39	46.89 2.32 0.00	44.28 2.19 -0.06	43.28 1.98 0.00	44.18 2.06 0.00	51.03 2.14 -6.96	72.08 3.54 -0.52	78.24 3.98 -0.59	70.50 3.79 -0.26	62.66 3.66 0.00	60.11 3.51 0.00	57.37 3.45 0.00	56.09 3.47 0.00	55.69 3.45 0.00	58.59 3.52 0.00	63.49 3.40 -5.17	74.50 4.07 -4.79	85.16 5.12 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.35 3.42 0.00	56.41 2.84 0.00	49.61 2.32 0.00
N.QUEENS_27_KV_LOAD 356247	51.80 3.50 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	72.91 4.35 -0.54	78.92 4.64 -0.61	70.99 4.25 -0.28	67.42 4.13 -4.29	61.54 4.36 -0.59	64.08 4.04 -6.11	64.02 4.10 -7.29	63.92 4.07 -7.60	63.97 4.13 -4.78	66.89 4.17 -7.79	75.17 4.59 -4.94	85.96 5.92 0.00	77.89 5.23 0.00	70.46 4.79 0.00	67.08 4.74 -0.02	61.16 4.21 -0.02	57.11 3.54 0.00	50.41 3.12 0.00
N.TROY___115KV_TB1 355778	50.08 1.68 -0.51	46.23 1.65 0.00	43.71 1.60 -0.08	42.91 1.61 0.00	43.72 1.60 0.00	52.59 1.59 -9.07	71.35 2.65 -0.68	77.24 2.80 -0.78	69.31 2.53 -0.34	60.89 1.89 0.00	58.35 1.75 0.00	55.60 1.67 0.00	54.25 1.63 0.00	53.75 1.51 0.00	56.71 1.65 0.00	63.70 2.03 -6.75	74.45 2.56 -6.25	83.24 3.20 0.00	75.50 2.83 0.00	68.23 2.56 0.00	64.44 2.12 0.00	58.70 1.76 0.00	54.96 1.39 0.00	48.57 1.28 0.00
NARROWS_GT1_1 24228	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT1_2 24229	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT1_3 24230	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT1_4 24231	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT1_5 24232	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01

NARROWS_GT1_6 24233	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT1_7 24234	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT1_8 24235	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT2_1 24236	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT2_2 24237	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT2_3 24238	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT2_4 24239	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT2_5 24240	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT2_6 24241	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT2_7 24242	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NARROWS_GT2_8 24243	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.14 3.78 -4.36	61.27 4.08 -0.59	63.86 3.72 -6.22	63.78 3.74 -7.42	63.68 3.71 -7.74	63.66 3.75 -4.86	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.14 1.77 -0.47	46.85 2.27 0.00	44.30 2.19 -0.08	43.49 2.19 0.00	44.31 2.19 0.00	51.95 1.59 -8.43	71.58 2.93 -0.63	77.56 3.17 -0.72	70.09 3.32 -0.31	61.54 2.54 0.00	58.69 2.09 0.00	55.70 1.78 0.00	54.31 1.68 0.00	53.91 1.67 0.00	56.93 1.87 0.00	62.96 1.76 -6.29	73.89 2.43 -5.82	84.20 4.16 0.00	76.29 3.63 0.00	69.02 3.35 0.00	65.44 3.12 0.00	59.67 2.73 0.00	55.87 2.30 0.00	49.33 2.03 0.00
NCHELSEA_115KV_TR2 355582	51.08 2.78 -0.40	47.03 2.45 0.00	44.41 2.31 -0.06	43.45 2.15 0.00	44.31 2.19 0.00	51.38 2.26 -7.19	72.37 3.81 -0.54	78.48 4.20 -0.61	70.77 4.05 -0.27	62.84 3.84 0.00	60.28 3.68 0.00	57.48 3.56 0.00	56.20 3.58 0.00	55.79 3.55 0.00	58.70 3.63 0.00	63.78 3.51 -5.35	74.79 4.20 -4.95	85.32 5.28 0.00	77.24 4.58 0.00	69.80 4.14 0.00	66.31 3.99 0.00	60.46 3.53 0.00	56.52 2.95 0.00	49.75 2.46 0.00
NEG CAPITAL___MECHNVIL 23645	50.85 2.44 -0.52	46.98 2.41 0.00	44.39 2.27 -0.08	43.57 2.27 0.00	44.43 2.31 0.00	53.48 2.35 -9.21	72.66 3.94 -0.69	78.80 4.35 -0.79	70.58 3.79 -0.34	62.01 3.01 0.00	59.43 2.83 0.00	56.51 2.59 0.00	55.10 2.47 0.00	54.64 2.40 0.00	57.70 2.64 0.00	64.71 2.96 -6.83	75.64 3.67 -6.32	84.60 4.56 0.00	76.80 4.14 0.00	69.34 3.68 0.00	65.63 3.30 0.00	59.72 2.79 0.00	56.04 2.47 0.00	49.42 2.13 0.00
NEG CENTRAL_HIGH_ACRES 23767	45.83 -2.11 -0.04	42.66 -1.92 0.00	40.11 -1.93 -0.01	39.53 -1.77 0.00	40.39 -1.73 0.00	40.86 -1.80 -0.73	65.29 -2.79 -0.05	70.64 -3.09 -0.06	63.22 -3.25 -0.03	56.53 -2.48 0.00	54.11 -2.49 0.00	51.39 -2.53 0.00	50.04 -2.58 0.00	49.73 -2.51 0.00	52.53 -2.53 0.00	53.05 -2.47 -0.60	63.50 -2.69 -0.56	76.36 -3.68 0.00	69.25 -3.41 0.00	62.25 -3.42 0.00	59.27 -3.05 0.00	54.37 -2.56 0.00	51.69 -1.88 0.00	45.83 -1.47 0.00

NEG CENTRAL___DRP 24199	47.17 -0.77 -0.04	43.95 -0.62 0.00	41.33 -0.71 -0.01	40.64 -0.66 0.00	41.53 -0.59 0.00	42.12 -0.59 -0.77	67.33 -0.75 -0.06	73.00 -0.74 -0.07	65.48 -1.00 -0.03	58.41 -0.59 0.00	55.92 -0.68 0.00	53.11 -0.81 0.00	51.73 -0.89 0.00	51.46 -0.78 0.00	54.29 -0.77 0.00	54.65 -0.88 -0.61	65.35 -0.85 -0.56	79.00 -1.04 0.00	71.64 -1.02 0.00	64.55 -1.12 0.00	61.39 -0.93 0.00	56.19 -0.74 0.00	53.14 -0.43 0.00	46.96 -0.33 0.00
NEG CENTRAL___INDECK 23768	47.24 -0.72 -0.06	44.58 0.00 0.00	41.84 -0.21 -0.01	41.18 -0.12 0.00	42.20 0.08 0.00	42.57 -0.50 -1.14	67.64 -0.47 -0.08	73.99 0.22 -0.10	65.16 -1.33 -0.04	57.94 -1.06 0.00	54.90 -1.70 0.00	51.98 -1.94 0.00	50.41 -2.21 0.00	50.31 -1.93 0.00	53.25 -1.82 0.00	54.74 -1.16 -0.98	65.96 -0.59 -0.91	80.04 0.00 0.00	73.03 0.37 0.00	65.60 -0.07 0.00	62.70 0.38 0.00	57.50 0.57 0.00	54.85 1.28 0.00	48.71 1.42 0.00
NEG CENTRAL___SENECA 23627	47.03 -0.91 -0.04	43.82 -0.76 0.00	41.16 -0.88 -0.01	40.52 -0.78 0.00	41.40 -0.72 0.00	41.97 -0.71 -0.75	67.13 -0.95 -0.06	72.85 -0.88 -0.06	65.22 -1.26 -0.03	58.18 -0.83 0.00	55.75 -0.85 0.00	52.95 -0.97 0.00	51.52 -1.11 0.00	51.25 -0.99 0.00	54.07 -0.99 0.00	54.47 -1.04 -0.60	65.28 -0.92 -0.56	78.76 -1.28 0.00	71.43 -1.24 0.00	64.29 -1.38 0.00	61.14 -1.18 0.00	56.02 -0.91 0.00	53.09 -0.48 0.00	46.96 -0.33 0.00
NEG CENTRAL___STATE_STREET 24147	47.52 -0.43 -0.05	44.22 -0.36 0.00	41.62 -0.42 -0.01	40.89 -0.41 0.00	41.78 -0.34 0.00	42.49 -0.34 -0.89	67.82 -0.27 -0.07	73.52 -0.22 -0.07	66.09 -0.40 -0.03	58.77 -0.24 0.00	56.26 -0.34 0.00	53.49 -0.43 0.00	52.15 -0.47 0.00	51.82 -0.42 0.00	54.68 -0.39 0.00	55.05 -0.55 -0.69	65.88 -0.39 -0.64	79.72 -0.32 0.00	72.30 -0.36 0.00	65.21 -0.46 0.00	62.01 -0.31 0.00	56.70 -0.23 0.00	53.46 -0.11 0.00	47.20 -0.09 0.00
NEG MILLWOOD___DRP 24198	51.37 3.07 -0.41	47.30 2.72 0.00	44.71 2.61 -0.07	43.74 2.44 0.00	44.60 2.48 0.00	51.70 2.52 -7.25	72.92 4.35 -0.54	78.93 4.64 -0.62	71.31 4.59 -0.27	63.19 4.19 0.00	60.67 4.07 0.00	57.86 3.94 0.00	56.62 4.00 0.00	56.31 4.07 0.00	59.14 4.07 0.00	64.21 3.90 -5.39	75.29 4.66 -4.99	85.80 5.76 0.00	77.75 5.09 0.00	70.26 4.60 0.00	66.69 4.36 0.00	60.80 3.87 0.00	56.84 3.27 0.00	50.04 2.74 0.00
NEG NORTH_FLCN_SEA 23793	47.18 -0.72 0.00	43.51 -1.07 0.00	41.03 -1.01 0.00	40.31 -0.99 0.00	41.06 -1.05 0.00	41.05 -0.88 0.00	66.05 -1.97 0.00	71.53 -2.14 0.00	64.46 -1.99 0.00	56.17 -2.83 0.00	54.79 -1.81 0.00	51.93 -2.00 0.00	50.31 -2.32 0.00	49.73 -2.51 0.00	52.42 -2.64 0.00	52.94 -1.98 0.00	62.36 -3.28 0.00	76.03 -4.00 0.00	69.97 -2.69 0.00	63.37 -2.30 0.00	60.52 -1.81 0.00	55.62 -1.31 0.00	53.89 0.32 0.00	47.48 0.19 0.00
NEG NORTH_KES_CHATEGAY 23792	46.99 -0.91 0.00	43.28 -1.29 0.00	40.86 -1.18 0.00	40.10 -1.20 0.00	40.85 -1.26 0.00	40.88 -1.05 0.00	65.71 -2.31 0.00	71.09 -2.58 0.00	64.06 -2.39 0.00	55.76 -3.25 0.00	54.28 -2.32 0.00	51.39 -2.53 0.00	49.83 -2.79 0.00	49.31 -2.93 0.00	51.92 -3.14 0.00	52.50 -2.42 0.00	61.90 -3.74 0.00	75.47 -4.56 0.00	69.39 -3.27 0.00	62.91 -2.76 0.00	60.08 -2.24 0.00	55.22 -1.71 0.00	53.46 -0.11 0.00	47.15 -0.14 0.00
NEG NORTH___ALICE_FALLS 23915	47.32 -0.57 0.00	43.64 -0.94 0.00	41.15 -0.88 0.00	40.43 -0.87 0.00	41.19 -0.93 0.00	41.22 -0.71 0.00	66.26 -1.77 0.00	71.75 -1.92 0.00	64.72 -1.73 0.00	56.29 -2.71 0.00	54.90 -1.70 0.00	52.04 -1.89 0.00	50.41 -2.21 0.00	49.84 -2.40 0.00	52.53 -2.53 0.00	53.10 -1.81 0.00	62.56 -3.09 0.00	76.27 -3.76 0.00	70.26 -2.40 0.00	63.63 -2.04 0.00	60.77 -1.56 0.00	55.79 -1.14 0.00	54.11 0.54 0.00	47.67 0.38 0.00
NEG NORTH___LWR_SARANAC 23913	47.32 -0.57 0.00	43.64 -0.94 0.00	41.15 -0.88 0.00	40.43 -0.87 0.00	41.19 -0.93 0.00	41.22 -0.71 0.00	66.26 -1.77 0.00	71.75 -1.92 0.00	64.72 -1.73 0.00	56.29 -2.71 0.00	54.90 -1.70 0.00	52.04 -1.89 0.00	50.41 -2.21 0.00	49.84 -2.40 0.00	52.53 -2.53 0.00	53.10 -1.81 0.00	62.56 -3.09 0.00	76.27 -3.76 0.00	70.26 -2.40 0.00	63.63 -2.04 0.00	60.77 -1.56 0.00	55.79 -1.14 0.00	54.11 0.54 0.00	47.67 0.38 0.00
NEG NORTH___PLATTSBURG 23628	47.32 -0.57 0.00	43.64 -0.94 0.00	41.07 -0.97 0.00	40.43 -0.87 0.00	41.19 -0.93 0.00	41.22 -0.71 0.00	66.26 -1.77 0.00	70.64 -3.02 0.00	64.52 -1.93 0.00	56.29 -2.71 0.00	54.90 -1.70 0.00	51.93 -1.99 0.00	50.41 -2.21 0.00	49.84 -2.40 0.00	52.53 -2.53 0.00	53.11 -1.81 0.00	62.56 -3.08 0.00	76.28 -3.76 0.00	70.05 -2.61 0.00	63.63 -2.04 0.00	60.77 -1.56 0.00	56.08 -0.85 0.00	54.11 0.54 0.00	47.67 0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	44.74 -3.21 -0.05	42.48 -2.10 0.00	39.69 -2.35 -0.01	39.73 -1.57 0.00	40.43 -1.68 0.00	40.05 -2.81 -0.93	63.40 -4.69 -0.07	68.15 -5.60 -0.08	60.64 -5.85 -0.03	54.69 -4.31 0.00	52.18 -4.41 0.00	49.50 -4.42 0.00	47.83 -4.79 0.00	47.80 -4.44 0.00	50.44 -4.63 0.00	51.12 -4.61 -0.81	61.34 -5.05 -0.75	74.19 -5.84 0.00	67.50 -5.16 0.00	60.22 -5.45 0.00	57.59 -4.74 0.00	53.40 -3.53 0.00	51.48 -2.09 0.00	46.25 -1.04 0.00
NEG WEST___LANCASTR 23811	43.60 -4.36 -0.06	43.06 -1.52 0.00	40.24 -1.81 -0.01	39.90 -1.40 0.00	40.64 -1.47 0.00	39.24 -3.77 -1.08	62.12 -5.99 -0.08	66.98 -6.78 -0.09	61.77 -4.72 -0.04	55.52 -3.48 0.00	52.80 -3.79 0.00	50.15 -3.77 0.00	48.36 -4.26 0.00	48.32 -3.92 0.00	50.93 -4.13 0.00	50.29 -5.60 -0.97	60.50 -6.04 -0.90	76.27 -3.76 0.00	69.32 -3.34 0.00	61.86 -3.81 0.00	59.21 -3.12 0.00	54.66 -2.28 0.00	52.45 -1.13 0.00	46.82 -0.47 0.00
NEG_PENN_ALLEGHNY 23528	47.98 -0.05 -0.14	44.85 0.27 0.00	42.23 0.17 -0.02	41.43 0.12 0.00	42.33 0.21 0.00	44.30 -0.04 -2.41	68.34 0.14 -0.18	74.46 0.59 -0.21	66.74 0.20 -0.09	59.36 0.36 0.00	56.77 0.17 0.00	54.03 0.11 0.00	52.62 0.00 0.00	52.34 0.10 0.00	55.17 0.11 0.00	56.34 -0.38 -1.80	67.05 -0.26 -1.67	80.20 0.16 0.00	72.81 0.15 0.00	65.67 0.00 0.00	62.45 0.12 0.00	57.16 0.23 0.00	53.95 0.38 0.00	47.67 0.38 0.00
NEG___GEN_MONROE 24207	46.65 -1.29 -0.04	43.60 -0.98 0.00	40.86 -1.18 -0.01	40.48 -0.83 0.00	41.23 -0.88 0.00	41.61 -1.09 -0.77	66.25 -1.84 -0.06	71.67 -2.06 -0.07	63.69 -2.79 -0.03	57.17 -1.83 0.00	54.67 -1.92 0.00	51.87 -2.05 0.00	50.31 -2.32 0.00	50.15 -2.09 0.00	52.91 -2.15 0.00	53.48 -2.09 -0.65	64.01 -2.23 -0.60	77.07 -2.96 0.00	70.05 -2.62 0.00	62.84 -2.82 0.00	59.96 -2.37 0.00	55.17 -1.76 0.00	52.77 -0.80 0.00	47.06 -0.24 0.00
NEPA___ENERGY 23901	45.18 -2.78 -0.06	43.46 -1.11 0.00	40.62 -1.43 -0.01	40.19 -1.12 0.00	40.98 -1.14 0.00	40.69 -2.35 -1.10	64.64 -3.47 -0.08	69.78 -3.98 -0.09	62.50 -3.99 -0.04	56.11 -2.89 0.00	53.31 -3.28 0.00	50.58 -3.34 0.00	48.78 -3.84 0.00	48.74 -3.50 0.00	51.43 -3.63 0.00	52.23 -3.68 -0.99	63.01 -3.54 -0.92	77.63 -2.40 0.00	70.55 -2.11 0.00	63.04 -2.63 0.00	60.33 -1.99 0.00	55.62 -1.31 0.00	53.25 -0.32 0.00	47.48 0.19 0.00

NEVERSINK___HYD 23608	50.66 2.39 -0.37	46.72 2.14 0.00	44.07 1.98 -0.06	43.16 1.86 0.00	44.01 1.90 0.00	50.44 1.97 -6.53	71.91 3.40 -0.49	78.13 3.90 -0.56	70.28 3.59 -0.24	62.36 3.36 0.00	59.76 3.17 0.00	56.94 3.02 0.00	55.62 3.00 0.00	55.21 2.98 0.00	58.14 3.08 0.00	62.79 3.02 -4.86	73.81 3.67 -4.50	84.76 4.72 0.00	76.73 4.07 0.00	69.34 3.68 0.00	65.88 3.55 0.00	60.12 3.19 0.00	56.25 2.68 0.00	49.52 2.22 0.00
NEWKRMKL_115KV_TB1 55635	49.50 1.10 -0.50	45.65 1.07 0.00	43.25 1.13 -0.08	42.46 1.16 0.00	43.21 1.10 0.00	51.70 0.92 -8.85	70.18 1.50 -0.66	76.05 1.62 -0.76	68.31 1.53 -0.33	60.12 1.12 0.00	57.67 1.08 0.00	54.95 1.02 0.00	53.73 1.11 0.00	53.28 1.04 0.00	56.16 1.10 0.00	62.92 1.37 -6.63	73.42 1.64 -6.14	82.04 2.00 0.00	74.48 1.82 0.00	67.31 1.64 0.00	63.70 1.37 0.00	58.01 1.08 0.00	54.32 0.75 0.00	48.05 0.76 0.00
NEWTON___FALLS_HYD 23847	46.95 -0.96 -0.01	43.68 -0.89 0.00	41.28 -0.76 0.00	40.52 -0.78 0.00	41.32 -0.80 0.00	41.01 -1.13 -0.21	65.80 -2.24 -0.02	71.48 -2.21 -0.02	64.47 -1.99 -0.01	56.29 -2.71 0.00	54.62 -1.98 0.00	51.98 -1.94 0.00	50.57 -2.05 0.00	50.20 -2.04 0.00	52.86 -2.20 0.00	53.10 -1.98 -0.16	62.57 -3.22 -0.15	76.27 -3.76 0.00	69.68 -2.98 0.00	63.37 -2.30 0.00	60.64 -1.68 0.00	55.79 -1.14 0.00	53.52 -0.05 0.00	47.34 0.05 0.00
NGRID_A1_DSASP 323792	44.64 -3.30 -0.05	42.48 -2.10 0.00	39.73 -2.31 -0.01	38.74 -2.56 0.00	39.42 -2.70 0.00	39.94 -2.94 -0.94	62.31 -5.78 -0.07	66.90 -6.85 -0.08	59.38 -7.11 -0.04	53.69 -5.31 0.00	51.22 -5.38 0.00	48.64 -5.28 0.00	46.99 -5.63 0.00	46.96 -5.28 0.00	49.50 -5.56 0.00	50.31 -5.44 -0.83	60.30 -6.10 -0.77	72.51 -7.52 0.00	65.98 -6.68 0.00	58.97 -6.70 0.00	56.34 -5.98 0.00	52.32 -4.61 0.00	50.46 -3.11 0.00	45.21 -2.08 0.00
NGRID_A2_DSASP 323793	44.64 -3.30 -0.05	42.48 -2.10 0.00	39.73 -2.31 -0.01	38.74 -2.56 0.00	39.42 -2.70 0.00	39.94 -2.94 -0.94	62.31 -5.78 -0.07	66.90 -6.85 -0.08	59.38 -7.11 -0.04	53.69 -5.31 0.00	51.22 -5.38 0.00	48.64 -5.28 0.00	46.99 -5.63 0.00	46.96 -5.28 0.00	49.50 -5.56 0.00	50.31 -5.44 -0.83	60.30 -6.10 -0.77	72.51 -7.52 0.00	65.98 -6.68 0.00	58.97 -6.70 0.00	56.34 -5.98 0.00	52.32 -4.61 0.00	50.46 -3.11 0.00	45.21 -2.08 0.00
NGRID_A4_DSASP 323807	44.64 -3.30 -0.05	42.48 -2.10 0.00	39.73 -2.31 -0.01	38.74 -2.56 0.00	39.42 -2.70 0.00	39.94 -2.94 -0.94	62.31 -5.78 -0.07	66.90 -6.85 -0.08	59.38 -7.11 -0.04	53.69 -5.31 0.00	51.22 -5.38 0.00	48.64 -5.28 0.00	46.99 -5.63 0.00	46.96 -5.28 0.00	49.50 -5.56 0.00	50.31 -5.44 -0.83	60.30 -6.10 -0.77	72.51 -7.52 0.00	65.98 -6.68 0.00	58.97 -6.70 0.00	56.34 -5.98 0.00	52.32 -4.61 0.00	50.46 -3.11 0.00	45.21 -2.08 0.00
NIAGARA_115E_LBMP 323715	44.07 -3.88 -0.05	42.57 -2.01 0.00	39.94 -2.10 -0.01	38.78 -2.52 0.00	40.35 -1.77 0.00	39.48 -3.40 -0.95	62.38 -5.71 -0.07	67.71 -6.04 -0.08	59.71 -6.78 -0.04	53.81 -5.19 0.00	51.22 -5.38 0.00	48.64 -5.28 0.00	47.10 -5.52 0.00	47.02 -5.22 0.00	49.61 -5.45 0.00	50.31 -5.44 -0.83	60.31 -6.10 -0.77	72.83 -7.20 0.00	66.27 -6.39 0.00	59.16 -6.50 0.00	56.59 -5.73 0.00	52.49 -4.44 0.00	50.62 -2.95 0.00	45.68 -1.61 0.00
NIAGARA_115W_LBMP 323714	44.60 -3.35 -0.05	41.63 -2.94 0.00	39.06 -2.98 -0.01	39.40 -1.90 0.00	39.47 -2.65 0.00	39.90 -2.98 -0.94	62.18 -5.92 -0.07	67.27 -6.48 -0.08	59.38 -7.11 -0.04	53.57 -5.43 0.00	50.99 -5.60 0.00	48.42 -5.50 0.00	46.94 -5.68 0.00	46.86 -5.38 0.00	49.39 -5.67 0.00	50.20 -5.54 -0.83	60.17 -6.24 -0.76	72.35 -7.68 0.00	65.83 -6.83 0.00	58.84 -6.83 0.00	56.22 -6.11 0.00	52.21 -4.72 0.00	50.36 -3.21 0.00	45.07 -2.22 0.00
NIAGARA_230_LBMP 323716	44.64 -3.30 -0.05	42.30 -2.27 0.00	39.69 -2.35 -0.01	39.24 -2.06 0.00	40.10 -2.02 0.00	39.97 -2.89 -0.93	63.13 -4.96 -0.07	68.37 -5.37 -0.08	60.37 -6.11 -0.03	54.46 -4.54 0.00	51.84 -4.75 0.00	49.23 -4.69 0.00	47.67 -4.95 0.00	47.59 -4.65 0.00	50.22 -4.85 0.00	50.95 -4.78 -0.81	61.08 -5.31 -0.75	73.71 -6.32 0.00	66.99 -5.67 0.00	59.89 -5.78 0.00	57.22 -5.11 0.00	53.06 -3.87 0.00	51.11 -2.46 0.00	45.78 -1.52 0.00
NIAGARA___115KV_198_GIBSON 55903	44.60 -3.35 -0.05	42.44 -2.14 0.00	39.69 -2.35 -0.01	38.66 -2.64 0.00	39.30 -2.82 0.00	39.90 -2.98 -0.94	62.18 -5.92 -0.07	66.75 -7.00 -0.08	59.24 -7.24 -0.04	53.57 -5.43 0.00	51.11 -5.49 0.00	48.53 -5.39 0.00	46.89 -5.74 0.00	46.86 -5.38 0.00	49.39 -5.67 0.00	50.20 -5.55 -0.83	60.17 -6.24 -0.76	72.35 -7.68 0.00	65.83 -6.83 0.00	58.77 -6.90 0.00	56.22 -6.11 0.00	52.15 -4.78 0.00	50.36 -3.21 0.00	45.07 -2.22 0.00
NIAGARA____ 23760	44.65 -3.30 -0.05	42.30 -2.27 0.00	39.69 -2.35 -0.01	39.24 -2.06 0.00	40.10 -2.02 0.00	39.98 -2.89 -0.94	63.13 -4.96 -0.07	68.37 -5.37 -0.08	60.37 -6.11 -0.03	54.46 -4.54 0.00	51.84 -4.75 0.00	49.23 -4.69 0.00	47.67 -4.95 0.00	47.59 -4.65 0.00	50.22 -4.85 0.00	50.96 -4.78 -0.82	61.09 -5.31 -0.76	73.71 -6.32 0.00	66.99 -5.67 0.00	59.89 -5.78 0.00	57.22 -5.11 0.00	53.06 -3.87 0.00	51.11 -2.46 0.00	45.78 -1.52 0.00
NINE_MILE_1 23575	46.15 -1.77 -0.03	42.93 -1.65 0.00	40.48 -1.55 0.00	39.77 -1.53 0.00	40.60 -1.51 0.00	40.91 -1.51 -0.48	65.61 -2.45 -0.04	70.99 -2.72 -0.04	64.01 -2.46 -0.02	56.88 -2.12 0.00	54.50 -2.09 0.00	51.93 -1.99 0.00	50.62 -2.00 0.00	50.31 -1.93 0.00	53.02 -2.04 0.00	53.20 -2.09 -0.37	63.49 -2.49 -0.34	76.91 -3.12 0.00	69.83 -2.83 0.00	63.10 -2.56 0.00	59.89 -2.43 0.00	54.83 -2.11 0.00	51.69 -1.88 0.00	45.64 -1.66 0.00
NINE_MILE_2 23744	46.15 -1.77 -0.03	42.93 -1.65 0.00	40.48 -1.55 0.00	39.77 -1.53 0.00	40.60 -1.51 0.00	40.90 -1.51 -0.48	65.61 -2.45 -0.04	70.98 -2.72 -0.04	64.01 -2.46 -0.02	56.88 -2.12 0.00	54.50 -2.09 0.00	51.93 -1.99 0.00	50.62 -2.00 0.00	50.31 -1.93 0.00	53.02 -2.04 0.00	53.19 -2.09 -0.36	63.48 -2.49 -0.34	76.99 -3.04 0.00	69.83 -2.83 0.00	63.10 -2.56 0.00	59.89 -2.43 0.00	54.83 -2.11 0.00	51.69 -1.88 0.00	45.64 -1.66 0.00
NM_CAPITAL___DRP 24208	49.55 1.15 -0.50	45.69 1.11 0.00	43.25 1.13 -0.08	42.46 1.16 0.00	43.21 1.10 0.00	51.76 0.96 -8.86	70.18 1.50 -0.66	76.05 1.62 -0.76	68.31 1.53 -0.33	60.12 1.12 0.00	57.67 1.08 0.00	54.95 1.02 0.00	53.67 1.05 0.00	53.23 0.99 0.00	56.11 1.05 0.00	62.94 1.37 -6.65	73.43 1.64 -6.15	82.12 2.08 0.00	74.48 1.82 0.00	67.37 1.71 0.00	63.70 1.37 0.00	58.01 1.08 0.00	54.37 0.80 0.00	48.05 0.76 0.00
NM_CENTRAL___DRP 24181	47.07 -0.86 -0.04	43.86 -0.71 0.00	41.28 -0.76 -0.01	40.56 -0.74 0.00	41.40 -0.72 0.00	41.89 -0.71 -0.67	66.99 -1.09 -0.05	72.55 -1.18 -0.06	65.35 -1.13 -0.02	58.18 -0.83 0.00	55.75 -0.85 0.00	53.06 -0.86 0.00	51.73 -0.89 0.00	51.40 -0.84 0.00	54.18 -0.88 0.00	54.38 -1.04 -0.51	64.99 -1.12 -0.47	78.60 -1.44 0.00	71.35 -1.31 0.00	64.42 -1.25 0.00	61.14 -1.18 0.00	55.96 -0.97 0.00	52.82 -0.75 0.00	46.63 -0.66 0.00

NM_FRONTIER___DRP 24179	44.60 -3.35 -0.05	42.44 -2.14 0.00	39.69 -2.35 -0.01	38.66 -2.64 0.00	39.30 -2.82 0.00	39.90 -2.98 -0.94	62.18 -5.92 -0.07	66.75 -7.00 -0.08	59.24 -7.24 -0.04	53.57 -5.43 0.00	51.11 -5.49 0.00	48.53 -5.39 0.00	46.89 -5.74 0.00	46.86 -5.38 0.00	49.39 -5.67 0.00	50.20 -5.55 -0.83	60.17 -6.24 -0.76	72.35 -7.68 0.00	65.83 -6.83 0.00	58.77 -6.90 0.00	56.22 -6.11 0.00	52.15 -4.78 0.00	50.36 -3.21 0.00	45.07 -2.22 0.00
NM_ST_REGIS___HYD 24053	47.23 -0.67 -0.01	43.64 -0.94 0.00	41.20 -0.84 0.00	40.43 -0.87 0.00	41.19 -0.93 0.00	41.05 -1.01 -0.13	65.65 -2.38 -0.01	71.17 -2.50 -0.01	64.33 -2.13 0.00	55.87 -3.13 0.00	54.56 -2.04 0.00	51.77 -2.16 0.00	50.25 -2.37 0.00	49.73 -2.51 0.00	52.36 -2.70 0.00	52.82 -2.20 -0.10	62.12 -3.61 -0.09	75.47 -4.56 0.00	69.32 -3.34 0.00	62.84 -2.82 0.00	60.02 -2.31 0.00	55.28 -1.65 0.00	53.62 0.05 0.00	47.48 0.19 0.00
NORTHPORT___1 23551	52.62 4.31 -0.41	48.14 3.57 0.00	45.25 3.15 -0.06	44.23 2.93 0.00	45.19 3.07 0.00	52.50 3.39 -7.17	71.21 2.65 -0.54	77.60 3.32 -0.61	69.97 3.26 -0.27	63.13 4.13 0.00	60.90 4.30 0.00	59.10 5.18 0.00	57.95 5.31 -0.02	57.43 5.17 -0.02	60.18 5.12 0.00	64.54 4.29 -5.34	75.51 4.93 -4.94	85.48 5.45 0.00	78.40 5.74 0.00	70.53 4.86 0.00	66.62 4.30 0.00	60.81 3.87 0.00	57.48 3.91 0.00	50.79 3.50 0.00
NORTHPORT___2 23552	52.62 4.31 -0.41	48.14 3.57 0.00	45.25 3.15 -0.06	44.23 2.93 0.00	45.19 3.07 0.00	52.50 3.39 -7.17	71.21 2.65 -0.54	77.60 3.32 -0.61	69.97 3.26 -0.27	63.13 4.13 0.00	60.90 4.30 0.00	59.10 5.18 0.00	57.95 5.31 -0.02	57.43 5.17 -0.02	60.18 5.12 0.00	64.54 4.29 -5.34	75.51 4.93 -4.94	85.48 5.45 0.00	78.40 5.74 0.00	70.53 4.86 0.00	66.62 4.30 0.00	60.81 3.87 0.00	57.48 3.91 0.00	50.79 3.50 0.00
NORTHPORT___3 23553	52.47 4.16 -0.41	48.01 3.43 0.00	45.13 3.03 -0.06	44.11 2.81 0.00	45.06 2.95 0.00	52.42 3.31 -7.17	71.01 2.45 -0.54	77.38 3.09 -0.61	69.78 3.06 -0.27	63.02 4.01 0.00	60.78 4.19 0.00	58.94 5.02 0.00	57.80 5.16 -0.02	57.32 5.07 -0.02	60.07 5.01 0.00	64.37 4.12 -5.34	75.31 4.73 -4.94	85.24 5.20 0.00	78.18 5.52 0.00	70.33 4.66 0.00	66.44 4.11 0.00	60.63 3.70 0.00	57.32 3.75 0.00	50.65 3.36 0.00
NORTHPORT___4 23650	52.47 4.16 -0.41	48.01 3.43 0.00	45.13 3.03 -0.06	44.11 2.81 0.00	45.06 2.95 0.00	52.42 3.31 -7.17	71.01 2.45 -0.54	77.38 3.09 -0.61	69.78 3.06 -0.27	63.02 4.01 0.00	60.78 4.19 0.00	58.94 5.02 0.00	57.80 5.16 -0.02	57.32 5.07 -0.02	60.07 5.01 0.00	64.37 4.12 -5.34	75.31 4.73 -4.94	85.24 5.20 0.00	78.18 5.52 0.00	70.33 4.66 0.00	66.44 4.11 0.00	60.63 3.70 0.00	57.32 3.75 0.00	50.65 3.36 0.00
NORTHPORT___IC 23718	52.62 4.31 -0.41	48.14 3.57 0.00	45.25 3.15 -0.06	44.23 2.93 0.00	45.23 3.12 0.00	52.50 3.40 -7.17	71.15 2.58 -0.54	77.60 3.32 -0.61	70.11 3.39 -0.27	63.19 4.19 0.00	60.61 4.02 0.00	58.83 4.91 0.00	57.95 5.31 -0.02	57.48 5.22 -0.02	60.18 5.12 0.00	64.48 4.23 -5.34	75.50 4.92 -4.94	85.48 5.44 0.00	78.40 5.74 0.00	70.53 4.86 0.00	66.81 4.49 0.00	60.80 3.87 0.00	57.48 3.91 0.00	50.79 3.50 0.00
NORTH___COUNTRY_ESR 323785	46.89 -1.01 0.00	43.19 -1.38 0.00	40.65 -1.39 0.00	39.98 -1.32 0.00	40.73 -1.39 0.00	40.76 -1.17 0.00	65.58 -2.45 0.00	69.76 -3.91 0.00	63.72 -2.73 0.00	55.70 -3.30 0.00	54.27 -2.32 0.00	51.34 -2.59 0.00	49.83 -2.79 0.00	49.26 -2.98 0.00	51.92 -3.14 0.00	52.45 -2.47 0.00	61.83 -3.81 0.00	75.31 -4.72 0.00	69.03 -3.63 0.00	62.71 -2.95 0.00	59.89 -2.43 0.00	55.34 -1.59 0.00	53.30 -0.27 0.00	47.01 -0.28 0.00
NPX_GEN_1385_PROXY 323591	52.62 4.31 -0.41	48.14 3.57 0.00	45.25 3.15 -0.06	44.23 2.93 0.00	45.32 3.20 0.00	52.55 3.44 -7.17	71.55 2.99 -0.54	81.58 3.54 -4.38	66.41 3.45 3.50	62.89 3.89 0.00	60.78 4.19 0.00	58.88 4.96 0.00	57.69 5.05 -0.02	57.22 4.97 -0.02	60.18 5.12 0.00	64.92 4.67 -5.34	75.83 5.25 -4.94	85.80 5.77 0.00	78.98 6.32 0.00	70.98 5.32 0.00	67.06 4.73 0.00	60.98 4.04 0.00	57.38 3.80 0.00	50.79 3.50 0.00
NPX_GEN_CSC 323557	53.58 5.27 -0.41	48.95 4.37 0.00	45.96 3.86 -0.06	44.94 3.64 0.00	45.91 3.79 0.00	53.30 4.19 -7.17	72.57 4.01 -0.54	83.06 5.01 -4.38	67.53 4.58 3.50	64.43 5.42 0.00	62.20 5.60 0.00	60.23 6.31 0.00	59.00 6.36 -0.02	58.42 6.16 -0.02	61.43 6.33 -0.04	65.58 5.33 -5.34	76.82 6.24 -4.94	86.92 6.88 0.00	80.00 7.34 0.00	71.84 6.17 0.00	67.81 5.49 0.00	61.83 4.90 0.00	58.12 4.55 0.00	51.31 4.02 0.00
NSINS_S_GLNS_FALLS 23858	51.62 3.21 -0.52	47.70 3.12 0.00	45.06 2.94 -0.08	44.23 2.93 0.00	45.11 2.99 0.00	54.28 3.06 -9.28	73.89 5.17 -0.69	80.21 5.75 -0.79	71.85 5.05 -0.35	63.07 4.07 0.00	60.45 3.85 0.00	57.32 3.40 0.00	55.83 3.21 0.00	55.32 3.08 0.00	58.42 3.36 0.00	65.47 3.68 -6.88	76.54 4.53 -6.37	85.80 5.76 0.00	77.89 5.23 0.00	70.33 4.66 0.00	66.69 4.36 0.00	60.69 3.76 0.00	57.00 3.43 0.00	50.18 2.88 0.00
NUCOR_STEEL___DRP 24197	47.66 -0.29 -0.05	44.40 -0.18 0.00	41.79 -0.25 -0.01	41.05 -0.25 0.00	41.91 -0.21 0.00	42.60 -0.21 -0.88	67.89 -0.20 -0.07	73.67 -0.07 -0.07	66.22 -0.27 -0.03	58.88 -0.12 0.00	56.43 -0.17 0.00	53.60 -0.32 0.00	52.25 -0.37 0.00	51.93 -0.31 0.00	54.79 -0.28 0.00	55.15 -0.44 -0.67	65.94 -0.33 -0.62	79.72 -0.32 0.00	72.37 -0.29 0.00	65.27 -0.39 0.00	62.01 -0.31 0.00	56.76 -0.17 0.00	53.52 -0.05 0.00	47.29 0.00 0.00
NUMBER_THREE_WT_PWR 323818	47.48 -0.43 -0.02	44.53 -0.04 0.00	42.08 0.04 0.00	41.30 0.00 0.00	42.20 0.08 0.00	41.87 -0.34 -0.27	67.50 -0.55 -0.02	73.25 -0.44 -0.02	66.06 -0.40 -0.01	58.00 -1.00 0.00	55.75 -0.85 0.00	53.12 -0.81 0.00	51.78 -0.84 0.00	51.46 -0.78 0.00	54.24 -0.82 0.00	54.35 -0.77 -0.20	64.52 -1.31 -0.19	78.92 -1.12 0.00	71.79 -0.87 0.00	65.54 -0.13 0.00	62.70 0.38 0.00	57.44 0.51 0.00	54.38 0.80 0.00	48.00 0.71 0.00
NYISO_LBMP_REFERENCE 24008	47.90 0.00 0.00	44.58 0.00 0.00	42.03 0.00 0.00	41.30 0.00 0.00	42.12 0.00 0.00	41.93 0.00 0.00	68.02 0.00 0.00	73.67 0.00 0.00	66.45 0.00 0.00	59.00 0.00 0.00	56.60 0.00 0.00	53.92 0.00 0.00	52.62 0.00 0.00	52.24 0.00 0.00	55.06 0.00 0.00	54.92 0.00 0.00	65.64 0.00 0.00	80.04 0.00 0.00	72.66 0.00 0.00	65.67 0.00 0.00	62.33 0.00 0.00	56.93 0.00 0.00	53.57 0.00 0.00	47.29 0.00 0.00
NYPA_BRENTWD____GT 24164	53.38 5.07 -0.41	48.81 4.24 0.00	45.84 3.74 -0.06	44.85 3.55 0.00	45.82 3.71 0.00	53.17 4.07 -7.17	72.57 4.01 -0.54	79.22 4.94 -0.61	71.30 4.58 -0.27	64.25 5.25 0.00	61.98 5.38 0.00	60.07 6.15 0.00	58.84 6.21 -0.02	58.36 6.11 -0.02	61.07 6.00 0.00	65.64 5.38 -5.34	76.95 6.37 -4.94	87.32 7.28 0.00	80.15 7.49 0.00	72.03 6.37 0.00	68.00 5.67 0.00	61.94 5.01 0.00	58.34 4.77 0.00	51.50 4.21 0.00

NYPA_GOWANUS____GT5 24156	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NYPA_GOWANUS____GT6 24157	51.90 3.59 -0.41	47.75 3.17 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.00 2.89 -7.18	73.19 4.63 -0.54	79.36 5.08 -0.61	71.45 4.72 -0.28	67.08 3.78 -4.30	61.27 4.08 -0.59	63.77 3.72 -6.13	63.68 3.74 -7.32	63.58 3.71 -7.63	63.60 3.75 -4.79	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.41 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.45 4.50 -0.02	57.54 3.96 -0.01	50.66 3.36 -0.01
NYPA_HARLEM__RVR__GT1 24160	51.76 3.45 -0.41	47.66 3.07 -0.01	44.97 2.86 -0.07	43.99 2.68 -0.01	44.86 2.74 -0.01	51.92 2.81 -7.18	72.78 4.22 -0.54	78.85 4.57 -0.61	70.85 4.12 -0.28	67.24 3.95 -4.29	61.78 4.08 -1.11	69.49 3.93 -11.63	70.46 3.95 -13.89	70.63 3.92 -14.47	68.12 3.97 -9.09	69.00 4.06 -10.02	75.04 4.47 -4.93	85.79 5.77 0.01	77.66 5.01 0.01	70.32 4.66 0.01	66.95 4.61 -0.01	60.92 3.98 -0.01	57.01 3.43 -0.01	50.28 2.98 -0.01
NYPA_HARLEM__RVR__GT2 24161	51.76 3.45 -0.41	47.66 3.07 -0.01	44.97 2.86 -0.07	43.99 2.68 -0.01	44.86 2.74 -0.01	51.92 2.81 -7.18	72.78 4.22 -0.54	78.85 4.57 -0.61	70.85 4.12 -0.28	67.24 3.95 -4.29	61.78 4.08 -1.11	69.49 3.93 -11.63	70.46 3.95 -13.89	70.63 3.92 -14.47	68.12 3.97 -9.09	69.00 4.06 -10.02	75.04 4.47 -4.93	85.79 5.77 0.01	77.66 5.01 0.01	70.32 4.66 0.01	66.95 4.61 -0.01	60.92 3.98 -0.01	57.01 3.43 -0.01	50.28 2.98 -0.01
NYPA_KENT____GT 24152	51.80 3.49 -0.41	47.66 3.07 -0.01	44.97 2.86 -0.07	43.99 2.68 -0.01	44.86 2.74 -0.01	51.92 2.81 -7.18	72.98 4.42 -0.54	79.14 4.86 -0.61	71.32 4.58 -0.28	67.31 3.95 -4.35	61.32 4.13 -0.59	64.01 3.88 -6.20	63.92 3.89 -7.41	63.83 3.87 -7.72	63.82 3.91 -4.85	67.08 4.34 -7.82	75.44 4.86 -4.94	86.20 6.16 0.00	78.11 5.45 0.00	70.66 4.99 0.00	67.33 4.99 -0.02	61.27 4.32 -0.02	57.38 3.80 -0.01	50.52 3.22 -0.01
NYPA_POUCH1____GT 24155	51.95 3.64 -0.41	47.80 3.21 -0.01	45.14 3.03 -0.07	44.12 2.81 -0.01	44.99 2.87 -0.01	52.05 2.93 -7.18	73.25 4.69 -0.54	79.44 5.16 -0.61	71.45 4.72 -0.28	66.77 3.48 -4.29	61.15 3.96 -0.59	63.49 3.45 -6.11	63.39 3.47 -7.29	63.29 3.45 -7.60	63.31 3.47 -4.78	67.24 4.50 -7.82	75.70 5.12 -4.94	86.60 6.56 0.00	78.48 5.82 0.00	70.98 5.32 0.00	67.59 5.24 -0.02	61.50 4.56 -0.02	57.60 4.02 -0.01	50.75 3.45 -0.01
NYPA_VERNON____GT2 24162	51.71 3.40 -0.41	47.57 2.99 -0.01	44.88 2.77 -0.07	43.87 2.56 -0.01	44.74 2.61 -0.01	51.84 2.72 -7.18	72.78 4.22 -0.54	79.00 4.72 -0.61	71.19 4.45 -0.28	67.47 4.13 -4.34	61.38 4.19 -0.59	64.16 4.05 -6.19	64.07 4.05 -7.40	63.97 4.02 -7.71	63.97 4.07 -4.84	66.91 4.17 -7.82	75.31 4.73 -4.94	86.04 6.01 0.00	77.96 5.30 0.00	70.53 4.86 0.00	67.08 4.73 -0.02	61.10 4.15 -0.02	57.17 3.59 -0.01	50.37 3.07 -0.01
NYPA_VERNON____GT3 24163	51.71 3.40 -0.41	47.57 2.99 -0.01	44.88 2.77 -0.07	43.87 2.56 -0.01	44.74 2.61 -0.01	51.84 2.72 -7.18	72.78 4.22 -0.54	79.00 4.72 -0.61	71.19 4.45 -0.28	67.47 4.13 -4.34	61.38 4.19 -0.59	64.16 4.05 -6.19	64.07 4.05 -7.40	63.97 4.02 -7.71	63.97 4.07 -4.84	66.91 4.17 -7.82	75.31 4.73 -4.94	86.04 6.01 0.00	77.96 5.30 0.00	70.53 4.86 0.00	67.08 4.73 -0.02	61.10 4.15 -0.02	57.17 3.59 -0.01	50.37 3.07 -0.01
NYPA__ASTORIA_CC1 323568	51.71 3.40 -0.41	47.57 2.99 -0.01	44.88 2.77 -0.07	43.87 2.56 -0.01	44.78 2.65 -0.01	51.84 2.72 -7.18	72.78 4.22 -0.54	78.93 4.64 -0.61	71.12 4.38 -0.28	67.41 4.07 -4.34	61.32 4.13 -0.59	64.10 3.99 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.91 4.02 -4.84	66.86 4.12 -7.82	75.24 4.66 -4.94	85.96 5.92 0.00	77.90 5.23 0.00	70.46 4.79 0.00	67.02 4.68 -0.02	61.05 4.10 -0.02	57.17 3.59 -0.01	50.33 3.03 -0.01
NYPA__ASTORIA_CC2 323569	51.71 3.40 -0.41	47.57 2.99 -0.01	44.88 2.77 -0.07	43.87 2.56 -0.01	44.78 2.65 -0.01	51.84 2.72 -7.18	72.78 4.22 -0.54	78.93 4.64 -0.61	71.12 4.38 -0.28	67.41 4.07 -4.34	61.32 4.13 -0.59	64.10 3.99 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.91 4.02 -4.84	66.86 4.12 -7.82	75.24 4.66 -4.94	85.96 5.92 0.00	77.90 5.23 0.00	70.46 4.79 0.00	67.02 4.68 -0.02	61.05 4.10 -0.02	57.17 3.59 -0.01	50.33 3.03 -0.01
NYPA__HOLTSVILL 23794	52.95 4.64 -0.41	48.41 3.83 0.00	45.46 3.36 -0.06	44.48 3.18 0.00	45.40 3.29 0.00	52.75 3.65 -7.17	71.69 3.13 -0.54	78.26 3.98 -0.61	70.44 3.72 -0.27	63.72 4.72 0.00	61.52 4.92 0.00	59.58 5.66 0.00	58.37 5.74 -0.02	57.85 5.59 -0.02	60.83 5.73 -0.04	64.98 4.72 -5.34	76.03 5.45 -4.94	85.96 5.92 0.00	79.06 6.40 0.00	71.11 5.45 0.00	67.13 4.80 0.00	61.26 4.32 0.00	57.75 4.18 0.00	50.98 3.69 0.00
NYPA____HELLGATE_GT1 24158	51.76 3.45 -0.41	47.66 3.07 -0.01	44.97 2.86 -0.07	43.99 2.68 -0.01	44.86 2.74 -0.01	51.92 2.81 -7.18	72.71 4.15 -0.54	78.78 4.49 -0.61	70.71 3.99 -0.28	67.18 3.89 -4.29	60.74 4.08 -0.06	58.44 3.93 -0.58	57.27 3.95 -0.70	56.88 3.92 -0.73	59.48 3.97 -0.45	64.49 4.01 -5.57	74.97 4.40 -4.93	85.63 5.60 0.01	77.60 4.94 0.01	70.19 4.53 0.01	66.88 4.55 -0.01	60.92 3.98 -0.01	57.01 3.43 -0.01	50.28 2.98 -0.01
NYPA____HELLGATE_GT2 24159	51.76 3.45 -0.41	47.66 3.07 -0.01	44.97 2.86 -0.07	43.99 2.68 -0.01	44.86 2.74 -0.01	51.92 2.81 -7.18	72.71 4.15 -0.54	78.78 4.49 -0.61	70.71 3.99 -0.28	67.18 3.89 -4.29	60.74 4.08 -0.06	58.44 3.93 -0.58	57.27 3.95 -0.70	56.88 3.92 -0.73	59.48 3.97 -0.45	64.49 4.01 -5.57	74.97 4.40 -4.93	85.63 5.60 0.01	77.60 4.94 0.01	70.19 4.53 0.01	66.88 4.55 -0.01	60.92 3.98 -0.01	57.01 3.43 -0.01	50.28 2.98 -0.01
NYS_BARGE__HYD 23848	44.74 -3.21 -0.05	42.93 -1.65 0.00	40.28 -1.76 -0.01	39.36 -1.94 0.00	40.69 -1.43 0.00	40.05 -2.81 -0.92	63.33 -4.76 -0.07	68.96 -4.79 -0.08	60.77 -5.72 -0.03	54.70 -4.30 0.00	52.07 -4.53 0.00	49.45 -4.48 0.00	47.89 -4.74 0.00	47.80 -4.44 0.00	50.44 -4.62 0.00	51.11 -4.61 -0.81	61.33 -5.05 -0.75	74.20 -5.84 0.00	67.50 -5.16 0.00	60.22 -5.45 0.00	57.65 -4.68 0.00	53.35 -3.58 0.00	51.48 -2.09 0.00	46.25 -1.04 0.00
OAK_ORCHARD__HYD 24046	46.50 -1.44 -0.04	43.37 -1.20 0.00	40.78 -1.26 -0.01	40.19 -1.11 0.00	41.11 -1.01 0.00	41.48 -1.22 -0.76	66.18 -1.90 -0.06	71.59 -2.14 -0.07	63.82 -2.66 -0.03	57.17 -1.83 0.00	54.67 -1.92 0.00	51.93 -1.99 0.00	50.46 -2.16 0.00	50.25 -1.99 0.00	53.08 -1.98 0.00	53.75 -1.81 -0.64	64.40 -1.84 -0.60	77.40 -2.64 0.00	70.27 -2.40 0.00	63.04 -2.63 0.00	60.08 -2.24 0.00	55.23 -1.71 0.00	52.71 -0.86 0.00	46.77 -0.52 0.00

OAKDALE___35_KV_LOAD 356122	47.84 -0.19 -0.13	44.71 0.13 0.00	42.06 0.00 -0.02	41.34 0.04 0.00	42.20 0.08 0.00	44.13 -0.17 -2.37	68.06 -0.14 -0.18	73.72 -0.15 -0.20	66.41 -0.13 -0.09	59.06 0.06 0.00	56.54 -0.06 0.00	53.82 -0.11 0.00	52.41 -0.21 0.00	52.08 -0.16 0.00	54.90 -0.17 0.00	56.10 -0.60 -1.79	66.77 -0.53 -1.66	79.96 -0.08 0.00	72.59 -0.07 0.00	65.47 -0.20 0.00	62.26 -0.06 0.00	56.99 0.06 0.00	53.73 0.16 0.00	47.53 0.24 0.00
OCC_CHEM___DRP 24175	44.64 -3.30 -0.05	42.48 -2.10 0.00	39.73 -2.31 -0.01	38.74 -2.56 0.00	39.42 -2.70 0.00	39.94 -2.94 -0.94	62.31 -5.78 -0.07	66.90 -6.85 -0.08	59.38 -7.11 -0.04	53.69 -5.31 0.00	51.22 -5.38 0.00	48.64 -5.28 0.00	46.99 -5.63 0.00	46.96 -5.28 0.00	49.50 -5.56 0.00	50.31 -5.44 -0.83	60.30 -6.10 -0.77	72.51 -7.52 0.00	65.98 -6.68 0.00	58.97 -6.70 0.00	56.34 -5.98 0.00	52.32 -4.61 0.00	50.46 -3.11 0.00	45.21 -2.08 0.00
OH_GEN_PROXY 24063	44.69 -3.26 -0.05	42.30 -2.27 0.00	39.69 -2.35 -0.01	39.24 -2.06 0.00	40.10 -2.02 0.00	40.01 -2.85 -0.93	63.27 -4.83 -0.07	72.35 -5.16 -3.84	56.74 -5.98 3.73	54.58 -4.43 0.00	51.96 -4.64 0.00	49.34 -4.58 0.00	47.78 -4.84 0.00	47.69 -4.55 0.00	50.33 -4.74 0.00	51.12 -4.61 -0.82	61.28 -5.12 -0.76	73.95 -6.09 0.00	67.21 -5.45 0.00	60.09 -5.58 0.00	57.40 -4.92 0.00	53.23 -3.70 0.00	51.16 -2.41 0.00	45.78 -1.52 0.00
OLIN_CORP_DRP 24177	44.17 -3.78 -0.05	41.90 -2.67 0.00	39.18 -2.86 -0.01	39.48 -1.82 0.00	40.18 -1.94 0.00	39.61 -3.27 -0.95	62.52 -5.58 -0.07	67.19 -6.56 -0.08	59.71 -6.78 -0.04	53.93 -5.07 0.00	51.45 -5.15 0.00	48.85 -5.07 0.00	47.20 -5.42 0.00	47.12 -5.12 0.00	49.72 -5.34 0.00	50.48 -5.27 -0.84	60.51 -5.91 -0.77	73.07 -6.96 0.00	66.41 -6.25 0.00	59.30 -6.37 0.00	56.65 -5.67 0.00	52.61 -4.33 0.00	50.73 -2.84 0.00	45.73 -1.56 0.00
OLIN_CORP_DSASP 323712	44.64 -3.30 -0.05	42.48 -2.10 0.00	39.73 -2.31 -0.01	38.74 -2.56 0.00	39.42 -2.70 0.00	39.94 -2.94 -0.94	62.31 -5.78 -0.07	66.90 -6.85 -0.08	59.38 -7.11 -0.04	53.69 -5.31 0.00	51.22 -5.38 0.00	48.64 -5.28 0.00	46.99 -5.63 0.00	46.96 -5.28 0.00	49.50 -5.56 0.00	50.31 -5.44 -0.83	60.30 -6.10 -0.77	72.51 -7.52 0.00	65.98 -6.68 0.00	58.97 -6.70 0.00	56.34 -5.98 0.00	52.32 -4.61 0.00	50.46 -3.11 0.00	45.21 -2.08 0.00
ONEIDA_HERK_LFGE 323681	48.34 0.43 -0.01	45.15 0.58 0.00	42.63 0.59 0.00	41.88 0.58 0.00	42.75 0.63 0.00	42.62 0.46 -0.23	68.92 0.88 -0.02	74.79 1.11 -0.02	67.46 1.00 -0.01	59.59 0.59 0.00	57.16 0.57 0.00	54.52 0.59 0.00	53.15 0.53 0.00	52.87 0.63 0.00	55.72 0.66 0.00	55.64 0.55 -0.17	66.32 0.52 -0.16	80.92 0.88 0.00	73.46 0.80 0.00	66.65 0.99 0.00	63.51 1.18 0.00	58.01 1.08 0.00	54.70 1.13 0.00	48.24 0.95 0.00
ONEIDA___115KV_TB4 55905	48.78 0.86 -0.02	45.56 0.98 0.00	42.96 0.92 0.00	42.21 0.91 0.00	43.13 1.01 0.00	43.33 0.96 -0.44	69.76 1.70 -0.03	75.77 2.06 -0.04	68.26 1.79 -0.02	60.48 1.48 0.00	57.90 1.30 0.00	55.22 1.29 0.00	53.83 1.21 0.00	53.54 1.31 0.00	56.44 1.38 0.00	56.45 1.21 -0.33	67.32 1.38 -0.30	81.96 1.92 0.00	74.33 1.67 0.00	67.18 1.51 0.00	63.88 1.56 0.00	58.36 1.42 0.00	54.91 1.34 0.00	48.43 1.14 0.00
ONONDAGA_REF_OCCRA 23987	47.37 -0.57 -0.05	44.09 -0.49 0.00	41.54 -0.50 -0.01	40.76 -0.54 0.00	41.65 -0.46 0.00	42.27 -0.50 -0.84	67.41 -0.68 -0.06	73.00 -0.74 -0.07	65.82 -0.66 -0.03	58.53 -0.47 0.00	56.03 -0.57 0.00	53.33 -0.59 0.00	51.99 -0.63 0.00	51.66 -0.57 0.00	54.46 -0.61 0.00	54.78 -0.77 -0.63	65.44 -0.79 -0.58	79.08 -0.96 0.00	71.79 -0.87 0.00	64.81 -0.85 0.00	61.58 -0.75 0.00	56.31 -0.63 0.00	53.09 -0.48 0.00	46.87 -0.43 0.00
ONONDAGA___COGEN 23986	47.36 -0.57 -0.04	44.09 -0.49 0.00	41.54 -0.50 -0.01	40.76 -0.54 0.00	41.65 -0.46 0.00	42.18 -0.50 -0.75	67.40 -0.68 -0.06	73.07 -0.66 -0.06	65.81 -0.66 -0.03	58.53 -0.47 0.00	56.14 -0.45 0.00	53.38 -0.54 0.00	52.04 -0.58 0.00	51.72 -0.52 0.00	54.51 -0.55 0.00	54.77 -0.71 -0.57	65.45 -0.72 -0.53	79.16 -0.88 0.00	71.79 -0.87 0.00	64.81 -0.85 0.00	61.58 -0.75 0.00	56.31 -0.63 0.00	53.09 -0.48 0.00	46.87 -0.43 0.00
ONTARIO___LFGE 23819	47.03 -0.91 -0.04	43.78 -0.80 0.00	41.20 -0.84 -0.01	40.56 -0.74 0.00	41.44 -0.68 0.00	41.96 -0.71 -0.75	67.13 -0.95 -0.06	72.85 -0.88 -0.06	65.21 -1.26 -0.03	58.18 -0.83 0.00	55.69 -0.91 0.00	52.90 -1.03 0.00	51.51 -1.11 0.00	51.24 -0.99 0.00	54.07 -0.99 0.00	54.47 -1.05 -0.60	65.28 -0.92 -0.56	78.75 -1.28 0.00	71.43 -1.24 0.00	64.28 -1.38 0.00	61.14 -1.19 0.00	56.02 -0.91 0.00	53.09 -0.48 0.00	46.96 -0.33 0.00
ORANGEVILLE_WT_PWR 323706	44.95 -3.02 -0.07	43.01 -1.56 0.00	40.32 -1.73 -0.01	39.65 -1.65 0.00	40.60 -1.51 0.00	40.41 -2.68 -1.17	63.76 -4.35 -0.09	70.01 -3.75 -0.10	61.58 -4.92 -0.04	55.22 -3.78 0.00	52.12 -4.47 0.00	49.45 -4.48 0.00	47.83 -4.79 0.00	47.75 -4.49 0.00	50.44 -4.62 0.00	51.61 -4.34 -1.03	62.07 -4.53 -0.96	75.96 -4.08 0.00	69.17 -3.49 0.00	61.93 -3.74 0.00	59.34 -2.99 0.00	54.77 -2.16 0.00	52.50 -1.07 0.00	46.91 -0.38 0.00
ORANGEVILLE___ESR 323794	44.95 -3.02 -0.07	43.01 -1.56 0.00	40.32 -1.73 -0.01	39.65 -1.65 0.00	40.60 -1.51 0.00	40.41 -2.68 -1.17	63.76 -4.35 -0.09	70.01 -3.75 -0.10	61.58 -4.92 -0.04	55.22 -3.78 0.00	52.12 -4.47 0.00	49.45 -4.48 0.00	47.83 -4.79 0.00	47.75 -4.49 0.00	50.44 -4.62 0.00	51.61 -4.34 -1.03	62.07 -4.53 -0.96	75.96 -4.08 0.00	69.17 -3.49 0.00	61.93 -3.74 0.00	59.34 -2.99 0.00	54.77 -2.16 0.00	52.50 -1.07 0.00	46.91 -0.38 0.00
OSWEGATCHIE___HYD 24044	46.95 -0.96 -0.01	43.69 -0.89 0.00	41.24 -0.80 0.00	40.52 -0.79 0.00	41.32 -0.80 0.00	41.02 -1.13 -0.21	65.80 -2.24 -0.02	70.81 -2.87 -0.02	64.40 -2.06 -0.01	56.29 -2.71 0.00	54.61 -1.98 0.00	51.98 -1.94 0.00	50.57 -2.05 0.00	50.20 -2.04 0.00	52.86 -2.20 0.00	53.10 -1.97 -0.16	62.58 -3.21 -0.15	76.28 -3.76 0.00	69.54 -3.12 0.00	63.37 -2.30 0.00	60.65 -1.68 0.00	56.02 -0.91 0.00	53.52 -0.05 0.00	47.34 0.05 0.00
OSWEGO___5 23606	46.54 -1.39 -0.03	43.28 -1.29 0.00	40.82 -1.22 0.00	40.10 -1.20 0.00	40.94 -1.18 0.00	41.27 -1.22 -0.55	66.16 -1.90 -0.04	71.65 -2.06 -0.05	64.54 -1.93 -0.02	57.35 -1.65 0.00	54.95 -1.64 0.00	52.31 -1.62 0.00	51.04 -1.58 0.00	50.72 -1.52 0.00	53.46 -1.60 0.00	53.63 -1.70 -0.42	64.06 -1.97 -0.38	77.64 -2.40 0.00	70.48 -2.18 0.00	63.63 -2.04 0.00	60.39 -1.93 0.00	55.28 -1.65 0.00	52.13 -1.44 0.00	46.06 -1.23 0.00
OSWEGO___6 23613	46.54 -1.39 -0.03	43.28 -1.29 0.00	40.82 -1.22 0.00	40.10 -1.20 0.00	40.94 -1.18 0.00	41.27 -1.22 -0.55	66.16 -1.90 -0.04	71.65 -2.06 -0.05	64.54 -1.93 -0.02	57.35 -1.65 0.00	54.95 -1.64 0.00	52.31 -1.62 0.00	51.04 -1.58 0.00	50.72 -1.52 0.00	53.46 -1.60 0.00	53.63 -1.70 -0.42	64.06 -1.97 -0.38	77.64 -2.40 0.00	70.48 -2.18 0.00	63.63 -2.04 0.00	60.39 -1.93 0.00	55.28 -1.65 0.00	52.13 -1.44 0.00	46.06 -1.23 0.00

OUTOKUMPU-AB___DRP 24206	45.12 -2.83 -0.05	42.97 -1.60 0.00	40.15 -1.89 -0.01	39.73 -1.57 0.00	40.39 -1.73 0.00	40.38 -2.52 -0.96	63.54 -4.56 -0.07	68.37 -5.38 -0.08	60.90 -5.58 -0.04	54.99 -4.01 0.00	52.46 -4.13 0.00	49.77 -4.15 0.00	48.04 -4.58 0.00	48.01 -4.23 0.00	50.66 -4.40 0.00	51.32 -4.45 -0.85	61.57 -4.86 -0.78	74.59 -5.44 0.00	67.87 -4.80 0.00	60.54 -5.12 0.00	57.90 -4.43 0.00	53.63 -3.30 0.00	51.80 -1.77 0.00	46.39 -0.90 0.00
OXBOW___BTM 323836	44.93 -3.02 -0.05	42.35 -2.23 0.00	39.73 -2.31 -0.01	39.69 -1.61 0.00	40.14 -1.98 0.00	40.20 -2.68 -0.95	62.99 -5.10 -0.07	68.52 -5.23 -0.08	60.37 -6.11 -0.04	54.40 -4.60 0.00	51.84 -4.75 0.00	49.18 -4.75 0.00	47.62 -5.00 0.00	47.59 -4.65 0.00	50.16 -4.90 0.00	50.87 -4.89 -0.84	61.04 -5.38 -0.78	73.71 -6.32 0.00	67.07 -5.59 0.00	59.82 -5.84 0.00	57.28 -5.05 0.00	53.06 -3.87 0.00	51.22 -2.36 0.00	45.88 -1.42 0.00
OXBOW___ 24026	44.93 -3.02 -0.05	42.79 -1.78 0.00	39.98 -2.06 -0.01	39.28 -2.02 0.00	39.93 -2.19 0.00	40.20 -2.68 -0.95	62.99 -5.10 -0.07	67.78 -5.97 -0.08	60.24 -6.25 -0.04	54.40 -4.60 0.00	51.96 -4.64 0.00	49.29 -4.64 0.00	47.62 -5.00 0.00	47.59 -4.65 0.00	50.16 -4.90 0.00	50.92 -4.83 -0.84	61.03 -5.38 -0.78	73.71 -6.32 0.00	67.07 -5.59 0.00	59.82 -5.84 0.00	57.21 -5.11 0.00	53.06 -3.87 0.00	51.21 -2.36 0.00	45.87 -1.42 0.00
OXY_CHEM_DSASP 323612	44.64 -3.30 -0.05	42.48 -2.10 0.00	39.73 -2.31 -0.01	38.74 -2.56 0.00	39.42 -2.70 0.00	39.94 -2.94 -0.94	62.31 -5.78 -0.07	66.90 -6.85 -0.08	59.38 -7.11 -0.04	53.69 -5.31 0.00	51.22 -5.38 0.00	48.64 -5.28 0.00	46.99 -5.63 0.00	46.96 -5.28 0.00	49.50 -5.56 0.00	50.31 -5.44 -0.83	60.30 -6.10 -0.77	72.51 -7.52 0.00	65.98 -6.68 0.00	58.97 -6.70 0.00	56.34 -5.98 0.00	52.32 -4.61 0.00	50.46 -3.11 0.00	45.21 -2.08 0.00
OZONE_PARK_ESR 323760	51.70 3.40 -0.40	47.56 2.99 0.00	44.92 2.82 -0.06	43.90 2.60 0.00	44.77 2.65 0.00	51.87 2.77 -7.17	73.12 4.56 -0.54	79.36 5.08 -0.61	71.65 4.92 -0.28	68.06 4.78 -4.28	61.71 4.53 -0.59	64.56 4.53 -6.10	64.43 4.53 -7.29	64.33 4.49 -7.60	64.45 4.63 -4.77	67.10 4.39 -7.79	75.83 5.25 -4.94	86.60 6.56 0.00	78.55 5.89 0.00	70.92 5.25 0.00	67.39 5.05 -0.02	61.39 4.44 -0.02	57.32 3.75 0.00	50.41 3.12 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.64 -3.30 -0.05	42.48 -2.10 0.00	39.73 -2.31 -0.01	38.74 -2.56 0.00	39.42 -2.70 0.00	39.94 -2.94 -0.94	62.31 -5.78 -0.07	66.90 -6.85 -0.08	59.38 -7.11 -0.04	53.69 -5.31 0.00	51.22 -5.38 0.00	48.64 -5.28 0.00	46.99 -5.63 0.00	46.96 -5.28 0.00	49.50 -5.56 0.00	50.31 -5.44 -0.83	60.30 -6.10 -0.77	72.51 -7.52 0.00	65.98 -6.68 0.00	58.97 -6.70 0.00	56.34 -5.98 0.00	52.32 -4.61 0.00	50.46 -3.11 0.00	45.21 -2.08 0.00
PACKARD__115KV_DUPONT_184 80571	44.64 -3.30 -0.05	41.72 -2.85 0.00	39.18 -2.86 -0.01	39.44 -1.86 0.00	39.59 -2.53 0.00	39.94 -2.94 -0.94	62.31 -5.78 -0.07	67.41 -6.34 -0.08	59.51 -6.98 -0.04	53.75 -5.25 0.00	51.16 -5.43 0.00	48.58 -5.34 0.00	47.04 -5.58 0.00	46.96 -5.27 0.00	49.50 -5.56 0.00	50.31 -5.44 -0.83	60.30 -6.10 -0.77	72.51 -7.53 0.00	66.05 -6.61 0.00	58.97 -6.70 0.00	56.40 -5.92 0.00	52.32 -4.61 0.00	50.46 -3.11 0.00	45.21 -2.08 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.71 3.40 -0.41	47.62 3.03 -0.01	44.97 2.86 -0.07	43.91 2.60 -0.01	44.82 2.70 -0.01	51.88 2.77 -7.18	72.71 4.15 -0.54	78.70 4.42 -0.61	70.79 4.05 -0.28	67.01 3.72 -4.29	60.51 3.91 -0.01	57.54 3.61 -0.01	56.32 3.68 -0.01	55.91 3.66 -0.01	58.76 3.69 0.00	64.05 3.79 -5.34	74.91 4.33 -4.94	85.56 5.52 0.00	77.53 4.87 0.00	70.13 4.47 0.00	66.77 4.43 -0.02	60.82 3.87 -0.02	56.89 3.32 0.00	50.18 2.88 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.33 4.02 -0.41	48.19 3.61 -0.01	45.55 3.45 -0.07	44.49 3.18 -0.01	45.41 3.29 -0.01	52.43 3.31 -7.18	73.66 5.10 -0.54	79.73 5.45 -0.61	71.65 4.92 -0.28	67.77 4.48 -4.29	61.19 4.58 -0.01	58.19 4.26 -0.01	56.90 4.26 -0.01	56.48 4.23 -0.01	59.36 4.29 0.00	64.70 4.45 -5.34	75.70 5.12 -4.94	86.52 6.48 0.00	78.40 5.74 0.00	70.92 5.25 0.00	67.51 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.79 3.50 0.00
PATROON__115KV_TB1 80586	49.60 1.20 -0.50	45.78 1.20 0.00	43.33 1.22 -0.08	42.58 1.28 0.00	43.30 1.18 0.00	51.83 1.05 -8.85	70.32 1.63 -0.66	76.19 1.77 -0.76	68.44 1.66 -0.33	60.30 1.30 0.00	57.84 1.25 0.00	55.11 1.19 0.00	53.83 1.21 0.00	53.44 1.20 0.00	56.27 1.21 0.00	63.10 1.54 -6.65	73.63 1.84 -6.15	82.28 2.24 0.00	74.62 1.96 0.00	67.51 1.84 0.00	63.88 1.56 0.00	58.13 1.20 0.00	54.48 0.91 0.00	48.14 0.85 0.00
PATTRSNVILLE___SOLAR 323815	50.11 1.68 -0.54	46.18 1.60 0.00	43.63 1.51 -0.09	42.83 1.53 0.00	43.63 1.51 0.00	53.21 1.63 -9.64	71.47 2.72 -0.72	77.44 2.95 -0.82	69.00 2.19 -0.36	60.42 1.41 0.00	57.84 1.24 0.00	55.00 1.08 0.00	53.62 1.00 0.00	53.44 1.20 0.00	56.55 1.49 0.00	63.85 1.81 -7.12	74.53 2.30 -6.59	83.08 3.04 0.00	75.42 2.76 0.00	68.16 2.49 0.00	64.57 2.24 0.00	58.92 1.99 0.00	55.29 1.71 0.00	48.71 1.42 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	44.12 -3.83 -0.06	43.11 -1.47 0.00	40.28 -1.77 -0.01	39.98 -1.32 0.00	40.73 -1.39 0.00	39.67 -3.31 -1.05	62.80 -5.31 -0.08	67.79 -5.97 -0.09	61.84 -4.65 -0.04	55.58 -3.42 0.00	52.92 -3.68 0.00	50.20 -3.72 0.00	48.46 -4.16 0.00	48.43 -3.81 0.00	51.10 -3.96 0.00	50.85 -5.00 -0.93	61.12 -5.38 -0.87	76.19 -3.84 0.00	69.25 -3.42 0.00	61.79 -3.87 0.00	59.15 -3.18 0.00	54.60 -2.33 0.00	52.50 -1.07 0.00	46.91 -0.38 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.37 3.07 -0.41	47.30 2.72 0.00	44.71 2.61 -0.07	43.74 2.44 0.00	44.60 2.48 0.00	51.70 2.52 -7.25	72.92 4.35 -0.54	78.93 4.64 -0.62	71.31 4.59 -0.27	63.19 4.19 0.00	60.67 4.07 0.00	57.86 3.94 0.00	56.62 4.00 0.00	56.31 4.07 0.00	59.14 4.07 0.00	64.21 3.90 -5.39	75.29 4.66 -4.99	85.80 5.76 0.00	77.75 5.09 0.00	70.26 4.60 0.00	66.69 4.36 0.00	60.80 3.87 0.00	56.84 3.27 0.00	50.04 2.74 0.00
PEEKSKILL___ 23653	50.98 2.68 -0.40	46.89 2.32 0.00	44.28 2.18 -0.06	43.32 2.02 0.00	44.18 2.06 0.00	51.17 2.14 -7.10	72.09 3.54 -0.53	78.25 3.98 -0.61	70.43 3.72 -0.26	62.66 3.66 0.00	60.11 3.51 0.00	57.43 3.50 0.00	56.15 3.53 0.00	55.74 3.50 0.00	58.59 3.53 0.00	63.60 3.41 -5.28	74.60 4.07 -4.89	85.16 5.13 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.19 3.87 0.00	60.35 3.42 0.00	56.41 2.84 0.00	49.61 2.32 0.00
PGE MADISON___WINDPWR 24146	50.61 2.59 -0.13	47.34 2.76 0.00	44.70 2.65 -0.02	43.82 2.52 0.00	44.85 2.74 0.00	46.90 2.64 -2.32	72.96 4.76 -0.17	79.61 5.75 -0.20	71.65 5.12 -0.09	63.25 4.25 0.00	60.39 3.79 0.00	57.59 3.67 0.00	55.99 3.37 0.00	55.90 3.66 0.00	58.92 3.85 0.00	60.06 3.40 -1.74	71.59 4.33 -1.61	86.20 6.16 0.00	78.04 5.38 0.00	70.46 4.79 0.00	67.19 4.86 0.00	61.26 4.33 0.00	57.64 4.07 0.00	50.84 3.55 0.00

PIERCEFIELD___HYD 23852	47.14 -0.77 -0.01	43.60 -0.98 0.00	41.11 -0.92 0.00	40.39 -0.91 0.00	41.15 -0.97 0.00	40.94 -1.13 -0.14	65.38 -2.65 -0.01	70.88 -2.80 -0.01	64.13 -2.33 -0.01	55.70 -3.30 0.00	54.33 -2.26 0.00	51.66 -2.26 0.00	50.10 -2.53 0.00	49.63 -2.61 0.00	52.31 -2.75 0.00	52.66 -2.36 -0.10	61.93 -3.81 -0.10	75.15 -4.88 0.00	68.96 -3.71 0.00	62.58 -3.09 0.00	59.77 -2.56 0.00	55.05 -1.88 0.00	53.46 -0.11 0.00	47.39 0.09 0.00
PINELAWN_CC_1 323563	52.91 4.60 -0.41	48.41 3.83 0.00	45.50 3.40 -0.06	44.48 3.18 0.00	45.44 3.33 0.00	52.75 3.65 -7.17	72.10 3.54 -0.54	78.70 4.42 -0.61	70.84 4.12 -0.27	63.78 4.78 0.00	61.52 4.92 0.00	59.53 5.61 0.00	58.27 5.63 -0.01	57.79 5.53 -0.01	60.74 5.67 0.00	65.20 4.94 -5.34	76.49 5.91 -4.94	86.76 6.72 0.00	79.57 6.91 0.00	71.58 5.91 0.00	67.56 5.24 0.00	61.54 4.61 0.00	57.91 4.34 0.00	51.12 3.83 0.00
PJM_GEN_HTP_PROXY 323702	51.27 2.97 -0.40	47.16 2.58 0.00	44.49 2.39 -0.06	43.49 2.19 0.00	44.35 2.23 0.00	51.45 2.35 -7.17	72.44 3.88 -0.54	82.47 4.42 -4.38	67.14 4.19 3.50	63.40 4.19 -0.21	60.64 4.02 -0.03	58.22 3.99 -0.30	56.98 4.00 -0.36	56.58 3.97 -0.38	59.31 4.02 -0.24	64.27 3.90 -5.46	75.10 4.53 -4.94	85.72 5.68 0.00	77.67 5.01 0.00	70.13 4.47 0.00	66.69 4.36 0.00	60.75 3.81 0.00	56.73 3.16 0.00	49.94 2.65 0.00
PJM_GEN_KEystone 24065	47.81 -0.33 -0.24	44.80 0.22 0.00	42.20 0.13 -0.04	41.34 0.04 0.00	42.24 0.13 0.00	45.87 -0.38 -4.31	67.80 -0.55 -0.32	77.95 0.15 -4.13	62.25 -0.60 3.60	59.24 -0.06 -0.30	56.30 -0.34 -0.04	54.08 -0.27 -0.43	52.71 -0.42 -0.51	52.46 -0.31 -0.53	55.01 -0.38 -0.33	58.01 -0.38 -3.47	68.57 -0.13 -3.06	80.60 0.56 0.00	73.10 0.44 0.00	65.80 0.13 0.00	62.64 0.31 0.00	57.39 0.45 0.00	54.16 0.59 0.00	47.86 0.57 0.00
PJM_GEN_NEPTUNE_PROXY 323594	52.18 3.88 -0.41	47.83 3.25 0.00	44.96 2.86 -0.06	43.95 2.65 0.00	44.85 2.74 0.00	52.17 3.06 -7.17	71.28 2.72 -0.54	81.51 3.46 -4.38	66.27 3.32 3.50	63.02 4.01 0.00	60.78 4.19 0.00	58.83 4.91 0.00	57.53 4.89 -0.02	57.01 4.75 -0.02	59.96 4.90 0.00	64.42 4.17 -5.34	75.44 4.86 -4.94	85.55 5.52 0.00	78.40 5.74 0.00	70.53 4.86 0.00	66.62 4.30 0.00	60.75 3.81 0.00	57.16 3.59 0.00	50.46 3.17 0.00
PJM_GEN_VFT_PROXY 323633	51.22 2.92 -0.40	47.07 2.49 0.00	44.45 2.35 -0.06	43.45 2.15 0.00	44.31 2.19 0.00	51.41 2.30 -7.17	72.30 3.74 -0.54	82.39 4.35 -4.38	67.09 4.12 3.48	67.53 4.25 -4.28	61.20 4.02 -0.59	64.07 4.05 -6.10	63.96 4.02 -7.29	63.86 4.02 -7.60	63.90 4.07 -4.77	66.49 3.79 -7.79	74.98 4.40 -4.94	85.55 5.52 0.00	77.60 4.94 0.00	70.07 4.40 0.00	66.58 4.24 -0.02	60.70 3.76 -0.02	56.69 3.11 -0.01	49.85 2.55 -0.01
PLATSBURG_115KV_PMLD1 355749	47.13 -0.77 0.00	43.46 -1.11 0.00	40.98 -1.05 0.00	40.27 -1.03 0.00	41.02 -1.10 0.00	41.05 -0.88 0.00	65.98 -2.04 0.00	71.46 -2.21 0.00	64.46 -1.99 0.00	56.17 -2.83 0.00	54.73 -1.87 0.00	51.87 -2.05 0.00	50.25 -2.37 0.00	49.73 -2.51 0.00	52.36 -2.70 0.00	52.89 -2.03 0.00	62.29 -3.35 0.00	75.95 -4.08 0.00	69.90 -2.76 0.00	63.30 -2.36 0.00	60.46 -1.87 0.00	55.57 -1.37 0.00	53.84 0.27 0.00	47.48 0.19 0.00
PLEASANTVLY___LBMP 24000	50.62 2.30 -0.42	46.58 2.01 0.00	43.99 1.89 -0.07	43.08 1.78 0.00	43.93 1.81 0.00	51.25 1.85 -7.47	71.58 2.99 -0.56	77.70 3.39 -0.64	69.99 3.26 -0.28	62.13 3.13 0.00	59.60 3.00 0.00	56.89 2.97 0.00	55.67 3.05 0.00	55.22 2.98 0.00	58.09 3.03 0.00	63.44 2.97 -5.56	74.26 3.48 -5.14	84.36 4.32 0.00	76.51 3.85 0.00	69.15 3.48 0.00	65.63 3.30 0.00	59.84 2.90 0.00	55.98 2.41 0.00	49.28 1.99 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.08 2.78 -0.41	47.03 2.45 0.00	44.41 2.31 -0.06	43.45 2.15 0.00	44.31 2.19 0.00	51.42 2.26 -7.23	72.24 3.67 -0.54	78.41 4.13 -0.62	70.71 3.99 -0.27	62.84 3.84 0.00	60.28 3.68 0.00	57.59 3.67 0.00	56.36 3.74 0.00	55.90 3.66 0.00	58.81 3.74 0.00	63.86 3.57 -5.37	74.88 4.27 -4.97	85.40 5.36 0.00	77.46 4.80 0.00	69.94 4.27 0.00	66.44 4.11 0.00	60.52 3.59 0.00	56.52 2.95 0.00	49.75 2.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.08 2.78 -0.41	47.03 2.45 0.00	44.41 2.31 -0.06	43.45 2.15 0.00	44.31 2.19 0.00	51.42 2.26 -7.23	72.24 3.67 -0.54	78.41 4.13 -0.62	70.71 3.99 -0.27	62.84 3.84 0.00	60.28 3.68 0.00	57.59 3.67 0.00	56.36 3.74 0.00	55.90 3.66 0.00	58.81 3.74 0.00	63.86 3.57 -5.37	74.88 4.27 -4.97	85.40 5.36 0.00	77.46 4.80 0.00	69.94 4.27 0.00	66.44 4.11 0.00	60.52 3.59 0.00	56.52 2.95 0.00	49.75 2.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.89 2.59 -0.41	46.85 2.27 0.00	44.24 2.14 -0.07	43.28 1.98 0.00	44.14 2.02 0.00	51.31 2.10 -7.28	72.04 3.47 -0.54	78.12 3.83 -0.62	70.44 3.72 -0.27	62.54 3.54 0.00	59.94 3.34 0.00	57.21 3.29 0.00	55.94 3.32 0.00	55.53 3.29 0.00	58.42 3.36 0.00	63.63 3.30 -5.42	74.53 3.87 -5.02	84.92 4.88 0.00	76.95 4.29 0.00	69.54 3.87 0.00	66.00 3.68 0.00	60.23 3.30 0.00	56.30 2.73 0.00	49.56 2.27 0.00
POLETTI_____ 23519	51.23 2.92 -0.41	47.17 2.59 -0.01	44.55 2.44 -0.07	43.54 2.23 -0.01	44.40 2.27 -0.01	51.50 2.39 -7.18	72.03 3.47 -0.54	77.96 3.68 -0.61	70.12 3.39 -0.28	66.65 3.36 -4.29	60.80 3.62 -0.59	63.38 3.34 -6.11	63.34 3.42 -7.29	63.24 3.40 -7.60	63.25 3.41 -4.78	66.17 3.46 -7.79	74.32 3.74 -4.94	84.92 4.88 0.00	76.88 4.21 0.00	69.54 3.87 0.00	66.27 3.93 -0.02	60.42 3.47 -0.02	56.89 3.32 0.00	50.08 2.79 0.00
POMONA___ESR 323819	50.92 2.63 -0.39	46.89 2.32 0.00	44.28 2.18 -0.06	43.28 1.98 0.00	44.14 2.02 0.00	51.03 2.14 -6.96	72.08 3.54 -0.52	78.31 4.05 -0.59	70.43 3.72 -0.26	62.66 3.66 0.00	60.11 3.51 0.00	57.43 3.50 0.00	56.09 3.47 0.00	55.69 3.45 0.00	58.59 3.53 0.00	63.50 3.41 -5.17	74.50 4.07 -4.79	85.16 5.13 0.00	77.17 4.51 0.00	69.74 4.07 0.00	66.25 3.93 0.00	60.35 3.42 0.00	56.41 2.84 0.00	49.61 2.32 0.00
PORT_JEFF_3 23555	53.00 4.70 -0.41	48.45 3.88 0.00	45.50 3.40 -0.06	44.48 3.18 0.00	45.44 3.33 0.00	52.80 3.69 -7.17	71.55 2.99 -0.54	78.04 3.76 -0.61	70.37 3.65 -0.27	63.78 4.78 0.00	61.58 4.98 0.00	59.64 5.71 0.00	58.43 5.79 -0.02	57.95 5.69 -0.02	60.88 5.78 -0.04	64.98 4.72 -5.34	75.90 5.31 -4.94	85.55 5.52 0.00	78.91 6.25 0.00	70.98 5.32 0.00	67.06 4.73 0.00	61.38 4.44 0.00	57.80 4.23 0.00	51.03 3.74 0.00
PORT_JEFF_4 23616	53.00 4.70 -0.41	48.45 3.88 0.00	45.50 3.40 -0.06	44.48 3.18 0.00	45.44 3.33 0.00	52.80 3.69 -7.17	71.55 2.99 -0.54	78.04 3.76 -0.61	70.37 3.65 -0.27	63.78 4.78 0.00	61.58 4.98 0.00	59.64 5.71 0.00	58.43 5.79 -0.02	57.95 5.69 -0.02	60.88 5.78 -0.04	64.98 4.72 -5.34	75.90 5.31 -4.94	85.55 5.52 0.00	78.91 6.25 0.00	70.98 5.32 0.00	67.06 4.73 0.00	61.38 4.44 0.00	57.80 4.23 0.00	51.03 3.74 0.00

PORT_JEFF_IC 23713	53.10 4.79 -0.41	48.54 3.97 0.00	45.59 3.49 -0.06	44.56 3.26 0.00	45.53 3.41 0.00	52.88 3.77 -7.17	71.76 3.20 -0.54	78.33 4.05 -0.61	70.71 3.99 -0.27	63.90 4.90 0.00	61.41 4.81 0.00	59.53 5.61 0.00	58.58 5.95 -0.02	58.05 5.80 -0.02	60.99 5.89 -0.04	65.14 4.89 -5.34	76.16 5.58 -4.94	85.56 5.52 0.00	79.13 6.47 0.00	71.18 5.52 0.00	67.44 5.11 0.00	61.54 4.61 0.00	57.91 4.34 0.00	51.12 3.83 0.00
PPL PILGRIM_ST_GT1 24216	53.38 5.07 -0.41	48.81 4.24 0.00	45.84 3.74 -0.06	44.85 3.55 0.00	45.82 3.71 0.00	53.17 4.07 -7.17	72.57 4.01 -0.54	79.22 4.94 -0.61	71.30 4.58 -0.27	64.25 5.25 0.00	61.98 5.38 0.00	60.07 6.15 0.00	58.84 6.21 -0.02	58.36 6.11 -0.02	61.07 6.00 0.00	65.64 5.38 -5.34	76.95 6.37 -4.94	87.32 7.28 0.00	80.15 7.49 0.00	72.03 6.37 0.00	68.00 5.67 0.00	61.94 5.01 0.00	58.34 4.77 0.00	51.50 4.21 0.00
PPL PILGRIM_ST_GT2 24217	53.38 5.07 -0.41	48.81 4.24 0.00	45.84 3.74 -0.06	44.85 3.55 0.00	45.82 3.71 0.00	53.17 4.07 -7.17	72.57 4.01 -0.54	79.22 4.94 -0.61	71.30 4.58 -0.27	64.25 5.25 0.00	61.98 5.38 0.00	60.07 6.15 0.00	58.84 6.21 -0.02	58.36 6.11 -0.02	61.07 6.00 0.00	65.64 5.38 -5.34	76.95 6.37 -4.94	87.32 7.28 0.00	80.15 7.49 0.00	72.03 6.37 0.00	68.00 5.67 0.00	61.94 5.01 0.00	58.34 4.77 0.00	51.50 4.21 0.00
PPL_SHRM_GT3 24213	53.53 5.22 -0.41	48.95 4.37 0.00	45.92 3.82 -0.06	44.94 3.64 0.00	45.91 3.79 0.00	53.26 4.15 -7.17	72.57 4.01 -0.54	79.22 4.94 -0.61	71.24 4.52 -0.27	64.43 5.42 0.00	62.15 5.55 0.00	60.18 6.25 0.00	58.95 6.31 -0.02	58.42 6.16 -0.02	61.43 6.33 -0.04	65.53 5.27 -5.34	76.82 6.24 -4.94	86.92 6.88 0.00	80.00 7.34 0.00	71.84 6.17 0.00	67.81 5.49 0.00	61.83 4.90 0.00	58.12 4.55 0.00	51.31 4.02 0.00
PPL_SHRM_GT4 24214	53.53 5.22 -0.41	48.95 4.37 0.00	45.92 3.82 -0.06	44.94 3.64 0.00	45.91 3.79 0.00	53.26 4.15 -7.17	72.57 4.01 -0.54	79.22 4.94 -0.61	71.24 4.52 -0.27	64.43 5.42 0.00	62.15 5.55 0.00	60.18 6.25 0.00	58.95 6.31 -0.02	58.42 6.16 -0.02	61.43 6.33 -0.04	65.53 5.27 -5.34	76.82 6.24 -4.94	86.92 6.88 0.00	80.00 7.34 0.00	71.84 6.17 0.00	67.81 5.49 0.00	61.83 4.90 0.00	58.12 4.55 0.00	51.31 4.02 0.00
PROJECT___ORANGE 1 24174	47.12 -0.81 -0.04	43.86 -0.71 0.00	41.33 -0.71 -0.01	40.60 -0.70 0.00	41.44 -0.67 0.00	41.95 -0.67 -0.68	66.99 -1.09 -0.05	72.62 -1.11 -0.06	65.41 -1.06 -0.03	58.23 -0.77 0.00	55.80 -0.79 0.00	53.06 -0.86 0.00	51.78 -0.84 0.00	51.46 -0.78 0.00	54.24 -0.83 0.00	54.44 -0.99 -0.52	65.00 -1.12 -0.48	78.68 -1.36 0.00	71.35 -1.31 0.00	64.42 -1.25 0.00	61.20 -1.12 0.00	55.96 -0.97 0.00	52.82 -0.75 0.00	46.63 -0.66 0.00
PROJECT___ORANGE 2 24166	47.12 -0.81 -0.04	43.86 -0.71 0.00	41.33 -0.71 -0.01	40.60 -0.70 0.00	41.44 -0.67 0.00	41.95 -0.67 -0.68	66.99 -1.09 -0.05	72.62 -1.11 -0.06	65.41 -1.06 -0.03	58.23 -0.77 0.00	55.80 -0.79 0.00	53.06 -0.86 0.00	51.78 -0.84 0.00	51.46 -0.78 0.00	54.24 -0.83 0.00	54.44 -0.99 -0.52	65.00 -1.12 -0.48	78.68 -1.36 0.00	71.35 -1.31 0.00	64.42 -1.25 0.00	61.20 -1.12 0.00	55.96 -0.97 0.00	52.82 -0.75 0.00	46.63 -0.66 0.00
PUCKETT___SOLAR 323809	48.61 0.58 -0.14	45.42 0.84 0.00	42.81 0.76 -0.02	42.00 0.70 0.00	42.92 0.80 0.00	45.00 0.59 -2.48	69.43 1.23 -0.19	75.72 1.84 -0.21	67.80 1.26 -0.09	60.12 1.12 0.00	57.45 0.85 0.00	54.68 0.75 0.00	53.26 0.63 0.00	52.97 0.73 0.00	55.89 0.83 0.00	57.15 0.39 -1.85	68.07 0.72 -1.71	81.55 1.52 0.00	74.04 1.38 0.00	66.78 1.12 0.00	63.57 1.25 0.00	58.07 1.14 0.00	54.75 1.18 0.00	48.38 1.09 0.00
PYRITES___HYD 24023	47.95 0.05 -0.01	44.35 -0.22 0.00	41.87 -0.17 0.00	41.14 -0.17 0.00	41.91 -0.21 0.00	41.81 -0.25 -0.13	66.95 -1.09 -0.01	72.57 -1.11 -0.01	65.33 -1.13 0.00	56.52 -2.48 0.00	55.07 -1.53 0.00	52.31 -1.62 0.00	50.67 -1.95 0.00	50.25 -1.99 0.00	52.97 -2.09 0.00	53.48 -1.54 -0.10	63.04 -2.69 -0.09	76.91 -3.12 0.00	70.70 -1.96 0.00	64.09 -1.58 0.00	61.20 -1.12 0.00	56.31 -0.63 0.00	54.59 1.02 0.00	48.29 0.99 0.00
QUAKERRD_115KV_BK1 80622	45.59 -2.35 -0.04	42.44 -2.14 0.00	39.90 -2.14 -0.01	39.32 -1.98 0.00	40.14 -1.98 0.00	40.63 -2.01 -0.72	64.88 -3.20 -0.05	70.34 -3.39 -0.06	62.69 -3.79 -0.03	56.17 -2.83 0.00	53.82 -2.77 0.00	51.12 -2.80 0.00	49.68 -2.95 0.00	49.42 -2.82 0.00	52.20 -2.86 0.00	52.76 -2.75 -0.59	63.10 -3.09 -0.55	75.95 -4.08 0.00	68.88 -3.78 0.00	61.86 -3.81 0.00	58.96 -3.37 0.00	54.09 -2.85 0.00	51.48 -2.09 0.00	45.64 -1.66 0.00
QUENSBRY_115KV_TB8 356137	51.67 3.26 -0.52	47.74 3.16 0.00	45.14 3.03 -0.08	44.32 3.01 0.00	45.15 3.03 0.00	54.37 3.14 -9.29	74.09 5.37 -0.69	80.43 5.97 -0.79	72.05 5.25 -0.35	63.25 4.25 0.00	60.56 3.96 0.00	57.48 3.56 0.00	55.94 3.32 0.00	55.48 3.24 0.00	58.53 3.47 0.00	65.59 3.79 -6.88	76.67 4.66 -6.37	85.96 5.92 0.00	78.04 5.38 0.00	70.46 4.79 0.00	66.88 4.55 0.00	60.86 3.93 0.00	57.11 3.54 0.00	50.27 2.98 0.00
RAMAPO___LBMP 323565	50.78 2.49 -0.39	46.76 2.18 0.00	44.16 2.06 -0.06	43.16 1.86 0.00	44.05 1.94 0.00	50.85 2.01 -6.91	71.81 3.27 -0.52	78.02 3.76 -0.59	70.23 3.52 -0.26	62.42 3.42 0.00	59.82 3.23 0.00	57.16 3.24 0.00	55.88 3.26 0.00	55.48 3.24 0.00	58.31 3.25 0.00	63.18 3.13 -5.14	74.20 3.81 -4.75	84.84 4.80 0.00	76.88 4.21 0.00	69.48 3.81 0.00	66.00 3.68 0.00	60.12 3.19 0.00	56.20 2.62 0.00	49.42 2.13 0.00
RANKINE____ 23646	44.89 -3.07 -0.06	43.02 -1.56 0.00	40.19 -1.85 -0.01	39.94 -1.36 0.00	40.64 -1.47 0.00	40.27 -2.68 -1.02	63.68 -4.42 -0.08	68.60 -5.16 -0.09	61.57 -4.92 -0.04	55.46 -3.54 0.00	52.86 -3.74 0.00	50.10 -3.83 0.00	48.41 -4.21 0.00	48.37 -3.87 0.00	50.99 -4.07 0.00	51.49 -4.34 -0.91	61.82 -4.66 -0.84	75.63 -4.40 0.00	68.81 -3.85 0.00	61.40 -4.27 0.00	58.77 -3.55 0.00	54.37 -2.56 0.00	52.34 -1.23 0.00	46.82 -0.47 0.00
RAVENSWOOD_GT2_1 24244	51.41 3.11 -0.40	47.30 2.72 0.00	44.66 2.56 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.78 4.49 -0.61	71.12 4.39 -0.28	67.53 4.19 -4.34	61.27 4.07 -0.59	64.10 3.99 -6.19	64.06 4.05 -7.39	63.97 4.02 -7.70	63.97 4.07 -4.84	66.69 3.95 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.93 3.99 -0.02	56.89 3.32 0.00	50.08 2.79 0.00
RAVENSWOOD_GT2_2 24245	51.41 3.11 -0.40	47.30 2.72 0.00	44.66 2.56 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.78 4.49 -0.61	71.12 4.39 -0.28	67.53 4.19 -4.34	61.27 4.07 -0.59	64.10 3.99 -6.19	64.06 4.05 -7.39	63.97 4.02 -7.70	63.97 4.07 -4.84	66.69 3.95 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.93 3.99 -0.02	56.89 3.32 0.00	50.08 2.79 0.00

RAVENSWOOD_GT2_3 24246	51.41 3.11 -0.40	47.30 2.72 0.00	44.66 2.56 -0.06	43.66 2.35 0.00	44.52 2.40 0.00	51.62 2.52 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.39 -0.28	67.59 4.25 -4.34	61.27 4.07 -0.59	64.16 4.04 -6.19	64.12 4.10 -7.39	64.02 4.07 -7.70	64.03 4.13 -4.84	66.75 4.01 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.89 4.55 -0.02	60.93 3.99 -0.02	56.95 3.37 0.00	50.08 2.79 0.00
RAVENSWOOD_GT2_4 24247	51.41 3.11 -0.40	47.30 2.72 0.00	44.66 2.56 -0.06	43.66 2.35 0.00	44.52 2.40 0.00	51.62 2.52 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.12 4.39 -0.28	67.59 4.25 -4.34	61.27 4.07 -0.59	64.16 4.04 -6.19	64.12 4.10 -7.39	64.02 4.07 -7.70	64.03 4.13 -4.84	66.75 4.01 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.89 4.55 -0.02	60.93 3.99 -0.02	56.95 3.37 0.00	50.08 2.79 0.00
RAVENSWOOD_GT3_1 24248	51.41 3.11 -0.40	47.30 2.72 0.00	44.66 2.56 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.78 4.49 -0.61	71.12 4.39 -0.28	67.59 4.25 -4.34	61.27 4.07 -0.59	64.16 4.04 -6.19	64.06 4.05 -7.39	63.97 4.02 -7.70	63.97 4.07 -4.84	66.69 3.95 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.93 3.99 -0.02	56.89 3.32 0.00	50.08 2.79 0.00
RAVENSWOOD_GT3_2 24249	51.41 3.11 -0.40	47.30 2.72 0.00	44.66 2.56 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.78 4.49 -0.61	71.12 4.39 -0.28	67.59 4.25 -4.34	61.27 4.07 -0.59	64.16 4.04 -6.19	64.06 4.05 -7.39	63.97 4.02 -7.70	63.97 4.07 -4.84	66.69 3.95 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.93 3.99 -0.02	56.89 3.32 0.00	50.08 2.79 0.00
RAVENSWOOD_GT3_3 24250	51.46 3.16 -0.40	47.34 2.76 0.00	44.71 2.61 -0.06	43.66 2.35 0.00	44.56 2.44 0.00	51.62 2.52 -7.17	72.64 4.08 -0.54	78.92 4.64 -0.61	71.19 4.45 -0.28	67.65 4.31 -4.34	61.32 4.13 -0.59	64.21 4.10 -6.19	64.17 4.16 -7.39	64.07 4.13 -7.70	64.08 4.18 -4.84	66.80 4.06 -7.82	75.31 4.73 -4.94	85.96 5.92 0.00	77.97 5.30 0.00	70.40 4.73 0.00	66.95 4.61 -0.02	60.99 4.04 -0.02	57.00 3.43 0.00	50.13 2.84 0.00
RAVENSWOOD_GT3_4 24251	51.46 3.16 -0.40	47.34 2.76 0.00	44.71 2.61 -0.06	43.66 2.35 0.00	44.56 2.44 0.00	51.62 2.52 -7.17	72.64 4.08 -0.54	78.92 4.64 -0.61	71.19 4.45 -0.28	67.65 4.31 -4.34	61.32 4.13 -0.59	64.21 4.10 -6.19	64.17 4.16 -7.39	64.07 4.13 -7.70	64.08 4.18 -4.84	66.80 4.06 -7.82	75.31 4.73 -4.94	85.96 5.92 0.00	77.97 5.30 0.00	70.40 4.73 0.00	66.95 4.61 -0.02	60.99 4.04 -0.02	57.00 3.43 0.00	50.13 2.84 0.00
RAVENSWOOD_GT_1 23729	51.71 3.40 -0.41	47.57 2.99 -0.01	44.92 2.82 -0.07	43.87 2.56 -0.01	44.78 2.65 -0.01	51.84 2.73 -7.18	72.78 4.22 -0.54	78.92 4.64 -0.61	71.19 4.45 -0.28	67.47 4.13 -4.34	61.44 4.24 -0.59	64.11 3.99 -6.19	64.02 4.00 -7.40	63.92 3.97 -7.71	63.97 4.07 -4.84	66.91 4.17 -7.82	75.31 4.73 -4.94	86.04 6.00 0.00	77.89 5.23 0.00	70.53 4.86 0.00	67.08 4.74 -0.02	61.16 4.21 -0.02	57.16 3.59 0.00	50.37 3.07 0.00
RAVENSWOOD_GT_10 24258	51.36 3.07 -0.40	47.25 2.67 0.00	44.66 2.56 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.78 4.49 -0.61	71.12 4.39 -0.28	67.59 4.25 -4.34	61.27 4.07 -0.59	64.16 4.04 -6.19	64.06 4.05 -7.39	63.97 4.02 -7.70	64.03 4.13 -4.84	66.69 3.95 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.88 3.93 -0.02	56.89 3.32 0.00	50.04 2.74 0.00
RAVENSWOOD_GT_11 24259	51.36 3.07 -0.40	47.25 2.67 0.00	44.66 2.56 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.78 4.49 -0.61	71.12 4.39 -0.28	67.59 4.25 -4.34	61.27 4.07 -0.59	64.16 4.04 -6.19	64.06 4.05 -7.39	63.97 4.02 -7.70	64.03 4.13 -4.84	66.69 3.95 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.88 3.93 -0.02	56.89 3.32 0.00	50.04 2.74 0.00
RAVENSWOOD_GT_4 24252	51.47 3.16 -0.41	47.35 2.76 -0.01	44.71 2.61 -0.07	43.70 2.40 -0.01	44.57 2.44 -0.01	51.67 2.56 -7.18	72.64 4.08 -0.54	78.85 4.57 -0.61	71.12 4.39 -0.28	67.53 4.19 -4.34	61.27 4.07 -0.59	64.10 3.99 -6.19	64.06 4.05 -7.39	63.91 3.97 -7.70	63.97 4.07 -4.83	66.75 4.01 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.89 4.55 -0.01	60.93 3.99 -0.02	57.00 3.43 0.00	50.13 2.84 0.00
RAVENSWOOD_GT_5 24254	51.47 3.16 -0.41	47.35 2.76 -0.01	44.71 2.61 -0.07	43.70 2.40 -0.01	44.57 2.44 -0.01	51.67 2.56 -7.18	72.64 4.08 -0.54	78.85 4.57 -0.61	71.12 4.39 -0.28	67.53 4.19 -4.34	61.27 4.07 -0.59	64.10 3.99 -6.19	64.06 4.05 -7.39	63.91 3.97 -7.70	63.97 4.07 -4.83	66.75 4.01 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.89 4.55 -0.01	60.93 3.99 -0.02	57.00 3.43 0.00	50.13 2.84 0.00
RAVENSWOOD_GT_6 24253	51.47 3.16 -0.41	47.35 2.76 -0.01	44.71 2.61 -0.07	43.70 2.40 -0.01	44.57 2.44 -0.01	51.67 2.56 -7.18	72.64 4.08 -0.54	78.85 4.57 -0.61	71.12 4.39 -0.28	67.53 4.19 -4.34	61.27 4.07 -0.59	64.10 3.99 -6.19	64.06 4.05 -7.39	63.91 3.97 -7.70	63.97 4.07 -4.83	66.75 4.01 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.89 4.55 -0.01	60.93 3.99 -0.02	57.00 3.43 0.00	50.13 2.84 0.00
RAVENSWOOD_GT_7 24255	51.47 3.16 -0.41	47.35 2.76 -0.01	44.71 2.61 -0.07	43.70 2.40 -0.01	44.57 2.44 -0.01	51.67 2.56 -7.18	72.64 4.08 -0.54	78.85 4.57 -0.61	71.12 4.39 -0.28	67.53 4.19 -4.34	61.27 4.07 -0.59	64.10 3.99 -6.19	64.06 4.05 -7.39	63.91 3.97 -7.70	63.97 4.07 -4.83	66.75 4.01 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.89 4.55 -0.01	60.93 3.99 -0.02	57.00 3.43 0.00	50.13 2.84 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.36 3.07 -0.40	47.25 2.67 0.00	44.66 2.56 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.78 4.49 -0.61	71.12 4.39 -0.28	67.59 4.25 -4.34	61.27 4.07 -0.59	64.16 4.04 -6.19	64.06 4.05 -7.39	63.97 4.02 -7.70	64.03 4.13 -4.84	66.69 3.95 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.88 3.93 -0.02	56.89 3.32 0.00	50.04 2.74 0.00
RAVENSWOOD_GT_9 24257	51.36 3.07 -0.40	47.25 2.67 0.00	44.66 2.56 -0.06	43.61 2.31 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.78 4.49 -0.61	71.12 4.39 -0.28	67.59 4.25 -4.34	61.27 4.07 -0.59	64.16 4.04 -6.19	64.06 4.05 -7.39	63.97 4.02 -7.70	64.03 4.13 -4.84	66.69 3.95 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.88 3.93 -0.02	56.89 3.32 0.00	50.04 2.74 0.00

RAVENSWOOD___1 23533	51.66 3.35 -0.41	47.53 2.94 -0.01	44.88 2.77 -0.07	43.87 2.56 -0.01	44.74 2.61 -0.01	51.84 2.72 -7.18	72.78 4.22 -0.54	78.93 4.64 -0.61	71.12 4.38 -0.28	67.47 4.13 -4.34	61.32 4.13 -0.59	64.10 3.99 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.91 4.02 -4.84	66.91 4.17 -7.82	75.31 4.73 -4.94	85.96 5.92 0.00	77.90 5.23 0.00	70.46 4.79 0.00	67.08 4.73 -0.02	61.05 4.10 -0.02	57.17 3.59 -0.01	50.33 3.03 -0.01
RAVENSWOOD___2 23534	51.66 3.35 -0.41	47.53 2.94 -0.01	44.84 2.73 -0.07	43.83 2.52 -0.01	44.69 2.57 -0.01	51.80 2.69 -7.18	72.78 4.22 -0.54	78.93 4.64 -0.61	71.12 4.38 -0.28	67.41 4.07 -4.34	61.32 4.13 -0.59	64.10 3.99 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.91 4.02 -4.84	66.86 4.12 -7.82	75.31 4.73 -4.94	85.96 5.92 0.00	77.90 5.23 0.00	70.46 4.79 0.00	67.02 4.68 -0.02	61.05 4.10 -0.02	57.11 3.53 -0.01	50.33 3.03 -0.01
RAVENSWOOD___3 23535	51.41 3.11 -0.40	47.25 2.67 0.00	44.62 2.52 -0.06	43.61 2.31 0.00	44.47 2.36 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.05 4.32 -0.28	67.59 4.25 -4.34	61.27 4.08 -0.59	64.16 4.05 -6.19	64.06 4.05 -7.39	63.97 4.02 -7.70	64.03 4.13 -4.84	66.70 3.96 -7.82	75.24 4.66 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.33 4.66 0.00	66.83 4.49 -0.02	60.87 3.93 -0.02	56.90 3.32 -0.01	50.09 2.79 -0.01
RAVENSWOOD___4 23820	51.61 3.30 -0.41	47.48 2.90 -0.01	44.84 2.73 -0.07	43.83 2.52 -0.01	44.69 2.57 -0.01	51.80 2.69 -7.18	72.71 4.15 -0.54	78.93 4.64 -0.61	71.12 4.38 -0.28	67.41 4.07 -4.34	61.27 4.08 -0.59	64.04 3.93 -6.19	64.01 4.00 -7.39	63.91 3.97 -7.70	63.91 4.02 -4.83	66.86 4.12 -7.82	75.31 4.73 -4.94	85.96 5.92 0.00	77.90 5.23 0.00	70.46 4.79 0.00	67.02 4.68 -0.01	60.99 4.04 -0.02	57.11 3.53 -0.01	50.28 2.98 -0.01
RCPL_TRUST___DRP 24196	51.32 3.02 -0.40	47.21 2.63 0.00	44.58 2.48 -0.06	43.53 2.23 0.00	44.43 2.32 0.00	51.54 2.43 -7.17	72.51 3.95 -0.54	78.78 4.49 -0.61	71.10 4.39 -0.27	63.52 4.31 -0.21	60.70 4.07 -0.03	58.32 4.10 -0.30	57.09 4.10 -0.36	56.69 4.07 -0.38	59.43 4.13 -0.24	64.33 3.95 -5.46	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.81 4.49 0.00	60.86 3.93 0.00	56.84 3.27 0.00	49.99 2.70 0.00
RED___ROCHESTER 323720	46.74 -1.20 -0.04	43.60 -0.98 0.00	40.99 -1.05 -0.01	40.43 -0.87 0.00	41.32 -0.80 0.00	41.73 -0.96 -0.76	66.58 -1.50 -0.06	72.11 -1.62 -0.06	64.29 -2.19 -0.03	57.65 -1.35 0.00	55.12 -1.47 0.00	52.36 -1.57 0.00	50.89 -1.74 0.00	50.67 -1.57 0.00	53.52 -1.54 0.00	54.13 -1.43 -0.64	64.92 -1.31 -0.59	78.11 -1.92 0.00	70.85 -1.81 0.00	63.50 -2.17 0.00	60.58 -1.74 0.00	55.63 -1.31 0.00	53.09 -0.48 0.00	47.10 -0.19 0.00
REGAN___SOLAR 323812	50.76 2.30 -0.57	46.80 2.23 0.00	44.23 2.10 -0.09	43.37 2.06 0.00	44.26 2.15 0.00	54.42 2.35 -10.15	72.66 3.88 -0.76	78.88 4.35 -0.87	69.68 2.86 -0.38	60.48 1.48 0.00	57.67 1.07 0.00	54.62 0.70 0.00	53.20 0.58 0.00	53.34 1.10 0.00	56.77 1.71 0.00	64.83 2.41 -7.50	75.74 3.15 -6.94	84.35 4.32 0.00	76.87 4.21 0.00	69.34 3.68 0.00	65.69 3.36 0.00	60.06 3.13 0.00	56.30 2.73 0.00	49.47 2.18 0.00
RENSSELAER___COGEN 23796	49.35 0.96 -0.50	45.56 0.98 0.00	43.12 1.01 -0.08	42.33 1.03 0.00	43.09 0.97 0.00	51.62 0.84 -8.85	69.97 1.29 -0.66	75.82 1.40 -0.76	68.11 1.33 -0.33	59.94 0.94 0.00	57.50 0.90 0.00	54.78 0.86 0.00	53.52 0.89 0.00	53.07 0.83 0.00	55.94 0.88 0.00	62.69 1.16 -6.62	73.15 1.38 -6.13	81.72 1.68 0.00	74.19 1.53 0.00	67.11 1.44 0.00	63.45 1.12 0.00	57.79 0.86 0.00	54.16 0.59 0.00	47.91 0.61 0.00
REPUBLIC_115KV_BARTNBRK 55605	53.88 5.46 -0.52	49.88 5.30 0.00	47.12 5.00 -0.08	46.26 4.96 0.00	47.17 5.05 0.00	56.46 5.24 -9.28	77.63 8.91 -0.69	84.41 9.95 -0.79	75.24 8.44 -0.35	65.90 6.90 0.00	63.05 6.45 0.00	59.64 5.72 0.00	57.88 5.26 0.00	57.51 5.28 0.00	60.57 5.51 0.00	67.78 5.99 -6.88	79.56 7.55 -6.37	89.88 9.84 0.00	81.82 9.16 0.00	73.74 8.08 0.00	69.93 7.60 0.00	63.54 6.60 0.00	59.62 6.05 0.00	52.35 5.06 0.00
REVERE_CPPR_DRP 24186	49.07 1.15 -0.02	45.82 1.25 0.00	43.26 1.22 0.00	42.46 1.16 0.00	43.42 1.31 0.00	43.48 1.17 -0.37	70.16 2.11 -0.03	76.28 2.58 -0.03	68.79 2.33 -0.01	60.77 1.77 0.00	58.24 1.64 0.00	55.54 1.62 0.00	54.15 1.53 0.00	53.91 1.67 0.00	56.82 1.76 0.00	56.73 1.54 -0.28	67.67 1.77 -0.26	82.52 2.48 0.00	74.84 2.18 0.00	67.70 2.04 0.00	64.44 2.12 0.00	58.81 1.88 0.00	55.39 1.82 0.00	48.85 1.56 0.00
REYNLDPA_13_KV_LD 356490	47.27 -0.62 0.00	43.64 -0.94 0.00	41.11 -0.92 0.00	40.48 -0.83 0.00	41.23 -0.89 0.00	41.22 -0.71 0.00	66.19 -1.83 0.00	70.50 -3.17 0.00	64.39 -2.06 0.00	56.35 -2.65 0.00	55.01 -1.58 0.00	52.15 -1.78 0.00	50.73 -1.89 0.00	50.20 -2.04 0.00	52.86 -2.20 0.00	53.38 -1.54 0.00	62.75 -2.89 0.00	76.36 -3.68 0.00	69.83 -2.83 0.00	63.43 -2.23 0.00	60.52 -1.81 0.00	55.85 -1.08 0.00	53.84 0.27 0.00	47.48 0.19 0.00
REYNOLDS_115KV_TB3 80639	49.64 1.25 -0.50	45.78 1.20 0.00	43.33 1.22 -0.08	42.54 1.24 0.00	43.30 1.18 0.00	51.90 1.09 -8.88	70.39 1.70 -0.66	76.27 1.84 -0.76	68.44 1.66 -0.33	60.24 1.24 0.00	57.73 1.13 0.00	55.06 1.13 0.00	53.78 1.16 0.00	53.28 1.04 0.00	56.16 1.10 0.00	62.99 1.43 -6.64	73.56 1.77 -6.15	82.20 2.16 0.00	74.55 1.89 0.00	67.44 1.77 0.00	63.76 1.43 0.00	58.07 1.14 0.00	54.37 0.80 0.00	48.05 0.76 0.00
RIVERBAY____ 323610	52.33 4.02 -0.41	48.19 3.61 -0.01	45.55 3.45 -0.07	44.49 3.18 -0.01	45.41 3.29 -0.01	52.43 3.31 -7.18	73.66 5.10 -0.54	79.73 5.45 -0.61	71.65 4.92 -0.28	67.77 4.48 -4.29	61.19 4.58 -0.01	58.19 4.26 -0.01	56.90 4.26 -0.01	56.48 4.23 -0.01	59.36 4.29 0.00	64.70 4.45 -5.34	75.70 5.12 -4.94	86.52 6.48 0.00	78.40 5.74 0.00	70.92 5.25 0.00	67.51 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.79 3.50 0.00
RIVERSDE_115KV_TB3 55908	49.55 1.15 -0.50	45.69 1.11 0.00	43.25 1.13 -0.08	42.46 1.16 0.00	43.21 1.10 0.00	51.76 0.96 -8.86	70.18 1.50 -0.66	76.05 1.62 -0.76	68.31 1.53 -0.33	60.12 1.12 0.00	57.67 1.08 0.00	54.95 1.02 0.00	53.67 1.05 0.00	53.23 0.99 0.00	56.11 1.05 0.00	62.94 1.37 -6.65	73.43 1.64 -6.15	82.12 2.08 0.00	74.48 1.82 0.00	67.37 1.71 0.00	63.70 1.37 0.00	58.01 1.08 0.00	54.37 0.80 0.00	48.05 0.76 0.00
ROARING___BROOK_WT_PWR 323790	46.51 -1.39 0.00	43.15 -1.43 0.00	40.69 -1.35 0.00	40.02 -1.28 0.00	40.81 -1.31 0.00	40.76 -1.17 0.00	65.84 -2.18 0.00	70.72 -2.95 0.00	63.99 -2.46 0.00	56.47 -2.54 0.00	54.50 -2.09 0.00	51.87 -2.05 0.00	50.62 -2.00 0.00	50.25 -1.99 0.00	53.02 -2.04 0.00	53.16 -1.76 0.00	63.21 -2.43 0.00	76.99 -3.04 0.00	70.12 -2.55 0.00	63.56 -2.10 0.00	60.65 -1.68 0.00	55.73 -1.20 0.00	52.98 -0.59 0.00	46.82 -0.47 0.00

ROCHESRG_115KV_T4 355643	46.31 -1.63 -0.04	43.19 -1.38 0.00	40.53 -1.51 -0.01	40.06 -1.24 0.00	40.81 -1.31 0.00	41.30 -1.38 -0.75	65.84 -2.24 -0.06	71.23 -2.50 -0.06	63.42 -3.06 -0.03	56.88 -2.12 0.00	54.45 -2.15 0.00	51.71 -2.21 0.00	50.20 -2.42 0.00	49.99 -2.25 0.00	52.75 -2.31 0.00	53.46 -2.09 -0.63	64.06 -2.17 -0.59	76.99 -3.04 0.00	69.83 -2.83 0.00	62.71 -2.96 0.00	59.77 -2.56 0.00	54.94 -1.99 0.00	52.45 -1.13 0.00	46.54 -0.76 0.00
ROCHESTER_9_IC 23652	46.60 -1.34 -0.04	43.46 -1.11 0.00	40.78 -1.26 -0.01	40.27 -1.03 0.00	41.06 -1.05 0.00	41.56 -1.13 -0.76	66.31 -1.77 -0.06	71.82 -1.92 -0.06	63.89 -2.59 -0.03	57.35 -1.65 0.00	54.90 -1.70 0.00	52.14 -1.78 0.00	50.62 -2.00 0.00	50.41 -1.83 0.00	53.24 -1.82 0.00	53.91 -1.65 -0.64	64.59 -1.64 -0.59	77.63 -2.40 0.00	70.41 -2.25 0.00	63.17 -2.50 0.00	60.27 -2.06 0.00	55.40 -1.54 0.00	52.82 -0.75 0.00	46.91 -0.38 0.00
ROCKVIEW_13_KV_LD 356306	51.36 3.07 -0.40	47.25 2.67 0.00	44.62 2.52 -0.06	43.66 2.35 0.00	44.52 2.40 0.00	51.58 2.47 -7.17	72.57 4.01 -0.54	78.85 4.57 -0.61	71.10 4.39 -0.27	63.25 4.25 0.00	60.67 4.07 0.00	58.02 4.10 0.00	56.73 4.10 0.00	56.31 4.07 0.00	59.19 4.13 0.00	64.21 3.95 -5.33	75.24 4.66 -4.94	85.88 5.84 0.00	77.89 5.23 0.00	70.40 4.73 0.00	66.81 4.49 0.00	60.92 3.99 0.00	56.84 3.27 0.00	50.04 2.74 0.00
ROME____115KV_TB2 80656	49.07 1.15 -0.02	45.82 1.25 0.00	43.26 1.22 0.00	42.46 1.16 0.00	43.42 1.31 0.00	43.48 1.17 -0.37	70.16 2.11 -0.03	76.28 2.58 -0.03	68.79 2.33 -0.01	60.77 1.77 0.00	58.24 1.64 0.00	55.54 1.62 0.00	54.15 1.53 0.00	53.91 1.67 0.00	56.82 1.76 0.00	56.73 1.54 -0.28	67.67 1.77 -0.26	82.52 2.48 0.00	74.84 2.18 0.00	67.70 2.04 0.00	64.44 2.12 0.00	58.81 1.88 0.00	55.39 1.82 0.00	48.85 1.56 0.00
ROSETON___1 23587	50.60 2.30 -0.40	46.58 2.01 0.00	43.99 1.89 -0.06	43.04 1.73 0.00	43.89 1.77 0.00	50.95 1.84 -7.18	71.62 3.06 -0.54	77.75 3.46 -0.61	69.97 3.26 -0.27	62.13 3.12 0.00	59.59 3.00 0.00	56.89 2.96 0.00	55.62 3.00 0.00	55.21 2.98 0.00	58.09 3.03 0.00	63.16 2.91 -5.34	74.06 3.48 -4.94	84.35 4.32 0.00	76.51 3.85 0.00	69.14 3.48 0.00	65.63 3.30 0.00	59.83 2.90 0.00	55.98 2.41 0.00	49.28 1.99 0.00
ROSETON___2 23588	50.60 2.30 -0.40	46.58 2.01 0.00	43.99 1.89 -0.06	43.04 1.73 0.00	43.89 1.77 0.00	50.95 1.84 -7.18	71.62 3.06 -0.54	77.75 3.46 -0.61	69.97 3.26 -0.27	62.13 3.12 0.00	59.59 3.00 0.00	56.89 2.96 0.00	55.62 3.00 0.00	55.21 2.98 0.00	58.09 3.03 0.00	63.16 2.91 -5.34	74.06 3.48 -4.94	84.35 4.32 0.00	76.51 3.85 0.00	69.14 3.48 0.00	65.63 3.30 0.00	59.83 2.90 0.00	55.98 2.41 0.00	49.28 1.99 0.00
ROTRRDAM_115KV_TB3 80664	49.86 1.44 -0.52	45.96 1.38 0.00	43.42 1.30 -0.08	42.58 1.28 0.00	43.42 1.31 0.00	52.68 1.34 -9.41	70.97 2.24 -0.70	76.90 2.43 -0.80	68.93 2.13 -0.35	60.71 1.71 0.00	58.18 1.58 0.00	55.38 1.46 0.00	54.04 1.42 0.00	53.65 1.41 0.00	56.60 1.54 0.00	63.51 1.65 -6.95	74.11 2.03 -6.43	82.60 2.56 0.00	74.99 2.33 0.00	67.77 2.10 0.00	64.26 1.93 0.00	58.58 1.65 0.00	55.02 1.45 0.00	48.52 1.23 0.00
RUSSELL___1 23602	46.74 -1.20 -0.04	43.60 -0.98 0.00	40.91 -1.13 -0.01	40.43 -0.87 0.00	41.19 -0.93 0.00	41.73 -0.96 -0.76	66.58 -1.50 -0.06	72.19 -1.55 -0.06	64.22 -2.26 -0.03	57.64 -1.36 0.00	55.18 -1.41 0.00	52.41 -1.51 0.00	50.89 -1.74 0.00	50.67 -1.57 0.00	53.52 -1.54 0.00	54.18 -1.37 -0.64	64.92 -1.31 -0.59	78.11 -1.92 0.00	70.84 -1.82 0.00	63.50 -2.17 0.00	60.58 -1.75 0.00	55.62 -1.31 0.00	53.09 -0.48 0.00	47.10 -0.19 0.00
RUSSELL___2 23532	46.74 -1.20 -0.04	43.60 -0.98 0.00	40.91 -1.13 -0.01	40.43 -0.87 0.00	41.19 -0.93 0.00	41.73 -0.96 -0.76	66.58 -1.50 -0.06	72.19 -1.55 -0.06	64.22 -2.26 -0.03	57.64 -1.36 0.00	55.18 -1.41 0.00	52.41 -1.51 0.00	50.89 -1.74 0.00	50.67 -1.57 0.00	53.52 -1.54 0.00	54.18 -1.37 -0.64	64.92 -1.31 -0.59	78.11 -1.92 0.00	70.84 -1.82 0.00	63.50 -2.17 0.00	60.58 -1.75 0.00	55.62 -1.31 0.00	53.09 -0.48 0.00	47.10 -0.19 0.00
RUSSELL___3 23549	46.74 -1.20 -0.04	43.60 -0.98 0.00	40.91 -1.13 -0.01	40.43 -0.87 0.00	41.19 -0.93 0.00	41.73 -0.96 -0.76	66.58 -1.50 -0.06	72.19 -1.55 -0.06	64.22 -2.26 -0.03	57.64 -1.36 0.00	55.18 -1.41 0.00	52.41 -1.51 0.00	50.89 -1.74 0.00	50.67 -1.57 0.00	53.52 -1.54 0.00	54.18 -1.37 -0.64	64.92 -1.31 -0.59	78.11 -1.92 0.00	70.84 -1.82 0.00	63.50 -2.17 0.00	60.58 -1.75 0.00	55.62 -1.31 0.00	53.09 -0.48 0.00	47.10 -0.19 0.00
RUSSELL___4 23556	46.74 -1.20 -0.04	43.60 -0.98 0.00	40.91 -1.13 -0.01	40.43 -0.87 0.00	41.19 -0.93 0.00	41.73 -0.96 -0.76	66.58 -1.50 -0.06	72.19 -1.55 -0.06	64.22 -2.26 -0.03	57.64 -1.36 0.00	55.18 -1.41 0.00	52.41 -1.51 0.00	50.89 -1.74 0.00	50.67 -1.57 0.00	53.52 -1.54 0.00	54.18 -1.37 -0.64	64.92 -1.31 -0.59	78.11 -1.92 0.00	70.84 -1.82 0.00	63.50 -2.17 0.00	60.58 -1.75 0.00	55.62 -1.31 0.00	53.09 -0.48 0.00	47.10 -0.19 0.00
RUSSELL___STATION 23914	46.74 -1.20 -0.04	43.60 -0.98 0.00	40.91 -1.13 -0.01	40.43 -0.87 0.00	41.19 -0.93 0.00	41.73 -0.96 -0.76	66.58 -1.50 -0.06	72.19 -1.55 -0.06	64.22 -2.26 -0.03	57.64 -1.36 0.00	55.18 -1.41 0.00	52.41 -1.51 0.00	50.89 -1.74 0.00	50.67 -1.57 0.00	53.52 -1.54 0.00	54.18 -1.37 -0.64	64.92 -1.31 -0.59	78.11 -1.92 0.00	70.84 -1.82 0.00	63.50 -2.17 0.00	60.58 -1.75 0.00	55.62 -1.31 0.00	53.09 -0.48 0.00	47.10 -0.19 0.00
S SALMON___HYD 24043	46.68 -1.25 -0.03	43.46 -1.11 0.00	40.99 -1.05 0.00	40.27 -1.03 0.00	41.15 -0.97 0.00	41.41 -1.05 -0.53	66.50 -1.56 -0.04	72.16 -1.55 -0.05	65.01 -1.46 -0.02	57.47 -1.53 0.00	55.07 -1.53 0.00	52.41 -1.51 0.00	51.09 -1.53 0.00	50.78 -1.46 0.00	53.52 -1.54 0.00	53.72 -1.59 -0.40	64.18 -1.84 -0.37	78.04 -2.00 0.00	70.92 -1.74 0.00	64.16 -1.51 0.00	61.21 -1.12 0.00	56.08 -0.85 0.00	52.93 -0.64 0.00	46.73 -0.57 0.00
S.PERRY__115KV_TB1 80734	47.24 -0.72 -0.06	44.53 -0.04 0.00	41.67 -0.38 -0.01	41.18 -0.12 0.00	42.08 -0.04 0.00	42.56 -0.50 -1.14	67.63 -0.48 -0.08	73.32 -0.44 -0.10	65.03 -1.46 -0.04	57.94 -1.06 0.00	54.96 -1.64 0.00	52.04 -1.89 0.00	50.41 -2.21 0.00	50.31 -1.93 0.00	53.24 -1.82 0.00	54.75 -1.15 -0.98	65.96 -0.59 -0.91	80.04 0.00 0.00	73.02 0.36 0.00	65.60 -0.07 0.00	62.64 0.31 0.00	57.50 0.57 0.00	54.86 1.29 0.00	48.71 1.42 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.89 -3.07 -0.06	42.75 -1.83 0.00	39.94 -2.10 -0.01	39.61 -1.69 0.00	40.31 -1.81 0.00	40.23 -2.68 -0.98	63.54 -4.56 -0.07	68.37 -5.38 -0.08	60.97 -5.52 -0.04	55.05 -3.95 0.00	52.46 -4.13 0.00	49.77 -4.15 0.00	48.10 -4.53 0.00	48.06 -4.18 0.00	50.71 -4.35 0.00	51.39 -4.39 -0.87	61.65 -4.79 -0.80	74.83 -5.20 0.00	68.01 -4.65 0.00	60.74 -4.93 0.00	58.09 -4.24 0.00	53.80 -3.13 0.00	51.80 -1.77 0.00	46.39 -0.90 0.00

SAWYER___23_KV_LOAD 55526	44.89 -3.07 -0.06	42.75 -1.83 0.00	39.94 -2.10 -0.01	39.61 -1.69 0.00	40.31 -1.81 0.00	40.23 -2.68 -0.98	63.54 -4.56 -0.07	68.37 -5.38 -0.08	60.97 -5.52 -0.04	55.05 -3.95 0.00	52.46 -4.13 0.00	49.77 -4.15 0.00	48.10 -4.53 0.00	48.06 -4.18 0.00	50.71 -4.35 0.00	51.39 -4.39 -0.87	61.65 -4.79 -0.80	74.83 -5.20 0.00	68.01 -4.65 0.00	60.74 -4.93 0.00	58.09 -4.24 0.00	53.80 -3.13 0.00	51.80 -1.77 0.00	46.39 -0.90 0.00
SELKIRK___I 23801	49.78 1.39 -0.49	46.05 1.47 0.00	43.54 1.43 -0.08	42.75 1.44 0.00	43.51 1.39 0.00	51.83 1.22 -8.68	70.65 1.97 -0.65	76.70 2.29 -0.74	68.77 1.99 -0.32	60.53 1.53 0.00	57.95 1.36 0.00	55.16 1.24 0.00	53.83 1.21 0.00	53.44 1.20 0.00	56.38 1.32 0.00	62.88 1.48 -6.48	73.48 1.84 -6.00	82.52 2.48 0.00	74.92 2.25 0.00	67.77 2.10 0.00	64.19 1.87 0.00	58.47 1.54 0.00	54.85 1.28 0.00	48.48 1.18 0.00
SELKIRK___II 23799	49.40 1.01 -0.50	45.56 0.98 0.00	43.12 1.01 -0.08	42.33 1.03 0.00	43.09 0.97 0.00	51.56 0.84 -8.79	70.04 1.36 -0.66	75.97 1.55 -0.75	68.18 1.40 -0.33	60.06 1.06 0.00	57.62 1.02 0.00	54.90 0.97 0.00	53.62 1.00 0.00	53.18 0.94 0.00	56.05 0.99 0.00	62.63 1.16 -6.56	73.09 1.38 -6.07	81.79 1.76 0.00	74.26 1.60 0.00	67.18 1.51 0.00	63.57 1.25 0.00	57.96 1.03 0.00	54.32 0.75 0.00	48.00 0.71 0.00
SENECA OSWGO___HYD 24041	46.54 -1.39 -0.03	43.33 -1.25 0.00	40.82 -1.22 -0.01	40.10 -1.20 0.00	40.94 -1.18 0.00	41.34 -1.17 -0.59	66.23 -1.83 -0.04	71.80 -1.92 -0.05	64.68 -1.79 -0.02	57.47 -1.53 0.00	55.07 -1.53 0.00	52.41 -1.51 0.00	51.15 -1.47 0.00	50.78 -1.46 0.00	53.52 -1.54 0.00	53.77 -1.59 -0.44	64.22 -1.84 -0.41	77.80 -2.24 0.00	70.63 -2.03 0.00	63.76 -1.91 0.00	60.52 -1.81 0.00	55.40 -1.53 0.00	52.18 -1.39 0.00	46.06 -1.23 0.00
SENECA___115KV_TB3 355854	44.94 -3.02 -0.06	43.19 -1.38 0.00	40.49 -1.55 -0.01	39.90 -1.40 0.00	40.85 -1.26 0.00	40.32 -2.64 -1.02	63.75 -4.35 -0.08	70.29 -3.46 -0.09	61.84 -4.65 -0.04	55.52 -3.48 0.00	52.81 -3.79 0.00	50.10 -3.83 0.00	48.46 -4.16 0.00	48.43 -3.81 0.00	51.10 -3.97 0.00	51.54 -4.28 -0.91	61.96 -4.53 -0.84	75.79 -4.24 0.00	68.96 -4.13 0.00	61.53 -3.70 0.00	58.90 -3.43 0.00	54.43 -2.50 0.00	52.44 -1.13 0.00	46.91 -0.38 0.00
SENECA___ENERGY 23797	47.03 -0.91 -0.05	43.78 -0.80 0.00	41.20 -0.84 -0.01	40.52 -0.79 0.00	41.40 -0.72 0.00	42.00 -0.75 -0.82	67.07 -1.02 -0.06	72.78 -0.96 -0.07	65.29 -1.19 -0.03	58.18 -0.83 0.00	55.69 -0.91 0.00	52.95 -0.97 0.00	51.57 -1.05 0.00	51.24 -0.99 0.00	54.07 -0.99 0.00	54.46 -1.10 -0.64	65.12 -1.12 -0.59	78.67 -1.36 0.00	71.43 -1.24 0.00	64.28 -1.38 0.00	61.14 -1.19 0.00	55.96 -0.97 0.00	52.93 -0.64 0.00	46.77 -0.52 0.00
SHOEMAKER___GT 23640	50.42 2.16 -0.37	46.45 1.87 0.00	43.86 1.77 -0.06	42.96 1.65 0.00	43.76 1.64 0.00	50.22 1.72 -6.57	71.44 2.92 -0.49	77.47 3.24 -0.56	69.69 2.99 -0.25	61.89 2.89 0.00	59.31 2.72 0.00	56.57 2.64 0.00	55.25 2.63 0.00	54.85 2.61 0.00	57.76 2.70 0.00	62.44 2.64 -4.89	73.31 3.15 -4.52	84.04 4.00 0.00	76.22 3.56 0.00	68.88 3.22 0.00	65.44 3.11 0.00	59.67 2.73 0.00	55.87 2.30 0.00	49.19 1.89 0.00
SHOEMAKR_138KV_BK 111 55601	50.42 2.16 -0.37	46.45 1.87 0.00	43.86 1.77 -0.06	42.95 1.65 0.00	43.80 1.68 0.00	50.18 1.72 -6.53	71.37 2.86 -0.49	77.47 3.24 -0.56	69.75 3.06 -0.24	61.89 2.89 0.00	59.31 2.72 0.00	56.57 2.64 0.00	55.31 2.68 0.00	54.90 2.66 0.00	57.81 2.75 0.00	62.41 2.64 -4.85	73.28 3.15 -4.49	84.12 4.08 0.00	76.22 3.56 0.00	68.88 3.22 0.00	65.44 3.12 0.00	59.67 2.73 0.00	55.87 2.30 0.00	49.18 1.89 0.00
SHOREHAM_IC_1 23715	53.53 5.22 -0.41	48.95 4.37 0.00	45.92 3.82 -0.06	44.94 3.64 0.00	45.91 3.79 0.00	53.26 4.15 -7.17	72.57 4.01 -0.54	79.22 4.94 -0.61	71.24 4.52 -0.27	64.43 5.42 0.00	62.15 5.55 0.00	60.18 6.25 0.00	58.95 6.31 -0.02	58.42 6.16 -0.02	61.43 6.33 -0.04	65.53 5.27 -5.34	76.82 6.24 -4.94	86.92 6.88 0.00	80.00 7.34 0.00	71.84 6.17 0.00	67.81 5.49 0.00	61.83 4.90 0.00	58.12 4.55 0.00	51.31 4.02 0.00
SHOREHAM_IC_2 23716	53.53 5.22 -0.41	48.94 4.37 0.00	45.97 3.87 -0.06	44.94 3.63 0.00	45.91 3.79 0.00	53.26 4.15 -7.17	72.51 3.95 -0.54	79.29 5.01 -0.61	71.44 4.72 -0.27	64.43 5.43 0.00	61.86 5.26 0.00	59.96 6.04 0.00	58.95 6.31 -0.02	58.42 6.16 -0.02	61.43 6.33 -0.04	65.53 5.27 -5.34	76.82 6.24 -4.94	86.92 6.88 0.00	79.93 7.27 0.00	71.84 6.17 0.00	68.00 5.67 0.00	61.83 4.90 0.00	58.12 4.55 0.00	51.31 4.02 0.00
SISSONVILLE____ 23735	47.14 -0.77 -0.01	43.60 -0.98 0.00	41.11 -0.92 0.00	40.39 -0.91 0.00	41.15 -0.97 0.00	40.94 -1.13 -0.14	65.38 -2.65 -0.01	70.88 -2.80 -0.01	64.13 -2.33 -0.01	55.70 -3.30 0.00	54.33 -2.26 0.00	51.66 -2.26 0.00	50.10 -2.53 0.00	49.63 -2.61 0.00	52.31 -2.75 0.00	52.66 -2.36 -0.10	61.93 -3.81 -0.10	75.15 -4.88 0.00	68.96 -3.71 0.00	62.58 -3.09 0.00	59.77 -2.56 0.00	55.05 -1.88 0.00	53.46 -0.11 0.00	47.39 0.09 0.00
SITHE_IND_GS1 24169	46.10 -1.82 -0.03	42.93 -1.65 0.00	40.44 -1.60 0.00	39.77 -1.53 0.00	40.56 -1.56 0.00	40.86 -1.55 -0.47	65.54 -2.52 -0.04	70.91 -2.80 -0.04	63.94 -2.53 -0.02	56.82 -2.18 0.00	54.50 -2.09 0.00	51.87 -2.05 0.00	50.57 -2.05 0.00	50.25 -1.99 0.00	52.97 -2.09 0.00	53.13 -2.14 -0.36	63.48 -2.49 -0.33	76.91 -3.12 0.00	69.75 -2.91 0.00	63.04 -2.63 0.00	59.83 -2.49 0.00	54.77 -2.16 0.00	51.64 -1.93 0.00	45.64 -1.66 0.00
SITHE_IND_GS2 24170	46.10 -1.82 -0.03	42.93 -1.65 0.00	40.44 -1.60 0.00	39.77 -1.53 0.00	40.56 -1.56 0.00	40.86 -1.55 -0.47	65.54 -2.52 -0.04	70.91 -2.80 -0.04	63.94 -2.53 -0.02	56.82 -2.18 0.00	54.50 -2.09 0.00	51.87 -2.05 0.00	50.57 -2.05 0.00	50.25 -1.99 0.00	52.97 -2.09 0.00	53.13 -2.14 -0.36	63.48 -2.49 -0.33	76.91 -3.12 0.00	69.75 -2.91 0.00	63.04 -2.63 0.00	59.83 -2.49 0.00	54.77 -2.16 0.00	51.64 -1.93 0.00	45.64 -1.66 0.00
SITHE_IND_GS3 24171	46.10 -1.82 -0.03	42.93 -1.65 0.00	40.44 -1.60 0.00	39.77 -1.53 0.00	40.56 -1.56 0.00	40.86 -1.55 -0.47	65.54 -2.52 -0.04	70.91 -2.80 -0.04	63.94 -2.53 -0.02	56.82 -2.18 0.00	54.50 -2.09 0.00	51.87 -2.05 0.00	50.57 -2.05 0.00	50.25 -1.99 0.00	52.97 -2.09 0.00	53.13 -2.14 -0.36	63.48 -2.49 -0.33	76.91 -3.12 0.00	69.75 -2.91 0.00	63.04 -2.63 0.00	59.83 -2.49 0.00	54.77 -2.16 0.00	51.64 -1.93 0.00	45.64 -1.66 0.00
SITHE_IND_GS4 24172	46.10 -1.82 -0.03	42.93 -1.65 0.00	40.44 -1.60 0.00	39.77 -1.53 0.00	40.56 -1.56 0.00	40.86 -1.55 -0.47	65.54 -2.52 -0.04	70.91 -2.80 -0.04	63.94 -2.53 -0.02	56.82 -2.18 0.00	54.50 -2.09 0.00	51.87 -2.05 0.00	50.57 -2.05 0.00	50.25 -1.99 0.00	52.97 -2.09 0.00	53.13 -2.14 -0.36	63.48 -2.49 -0.33	76.91 -3.12 0.00	69.75 -2.91 0.00	63.04 -2.63 0.00	59.83 -2.49 0.00	54.77 -2.16 0.00	51.64 -1.93 0.00	45.64 -1.66 0.00

SITHE___BATAVIA 24024	46.13 -1.82 -0.05	43.86 -0.71 0.00	41.16 -0.88 -0.01	40.35 -0.95 0.00	41.57 -0.55 0.00	41.30 -1.51 -0.87	65.64 -2.45 -0.07	71.53 -2.21 -0.07	63.23 -3.25 -0.03	56.70 -2.30 0.00	54.05 -2.55 0.00	51.23 -2.69 0.00	49.68 -2.95 0.00	49.52 -2.72 0.00	52.36 -2.70 0.00	52.93 -2.74 -0.76	63.59 -2.75 -0.70	76.99 -3.04 0.00	69.97 -2.69 0.00	62.52 -3.15 0.00	59.83 -2.49 0.00	55.11 -1.82 0.00	53.04 -0.54 0.00	47.39 0.09 0.00
SITHE___INDEPEND 23800	46.10 -1.82 -0.03	42.93 -1.65 0.00	40.44 -1.60 0.00	39.77 -1.53 0.00	40.56 -1.56 0.00	40.85 -1.55 -0.47	65.54 -2.52 -0.04	70.98 -2.73 -0.04	63.94 -2.53 -0.02	56.82 -2.18 0.00	54.50 -2.09 0.00	51.87 -2.05 0.00	50.57 -2.05 0.00	50.25 -1.99 0.00	52.97 -2.09 0.00	53.14 -2.14 -0.36	63.48 -2.49 -0.33	76.91 -3.12 0.00	69.75 -2.91 0.00	63.04 -2.63 0.00	59.83 -2.49 0.00	54.77 -2.16 0.00	51.64 -1.93 0.00	45.64 -1.66 0.00
SITHE___MASSENA 23902	47.42 -0.48 0.00	43.78 -0.80 0.00	41.23 -0.80 0.00	40.60 -0.70 0.00	41.36 -0.76 0.00	41.26 -0.67 0.00	66.26 -1.77 0.00	70.64 -3.02 0.00	64.52 -1.93 0.00	56.41 -2.59 0.00	55.01 -1.58 0.00	52.20 -1.73 0.00	50.73 -1.89 0.00	50.20 -2.04 0.00	52.91 -2.15 0.00	53.38 -1.54 0.00	62.82 -2.82 0.00	76.36 -3.68 0.00	69.90 -2.76 0.00	63.50 -2.17 0.00	60.58 -1.74 0.00	55.96 -0.97 0.00	53.95 0.38 0.00	47.63 0.33 0.00
SITHE___OGDNSBRG 24021	48.00 0.10 -0.01	44.40 -0.18 0.00	41.91 -0.13 0.00	41.14 -0.17 0.00	41.95 -0.17 0.00	41.88 -0.17 -0.12	67.08 -0.95 -0.01	72.72 -0.96 -0.01	65.39 -1.06 0.00	56.58 -2.42 0.00	55.12 -1.47 0.00	52.36 -1.56 0.00	50.73 -1.89 0.00	50.25 -1.99 0.00	53.02 -2.04 0.00	53.58 -1.43 -0.09	63.23 -2.49 -0.08	77.15 -2.88 0.00	70.92 -1.74 0.00	64.29 -1.38 0.00	61.39 -0.93 0.00	56.42 -0.51 0.00	54.70 1.12 0.00	48.33 1.04 0.00
SITHE___STERLING 23777	48.78 0.86 -0.02	45.56 0.98 0.00	42.96 0.92 0.00	42.21 0.91 0.00	43.13 1.01 0.00	43.33 0.97 -0.44	69.76 1.70 -0.03	75.84 2.14 -0.04	68.26 1.79 -0.02	60.48 1.48 0.00	57.90 1.30 0.00	55.22 1.29 0.00	53.83 1.21 0.00	53.55 1.31 0.00	56.44 1.38 0.00	56.45 1.21 -0.33	67.33 1.38 -0.30	81.95 1.92 0.00	74.33 1.67 0.00	67.18 1.51 0.00	63.88 1.56 0.00	58.36 1.42 0.00	54.91 1.34 0.00	48.43 1.13 0.00
SLEIGHT__34_KV_TB1 80719	46.55 -1.39 -0.04	43.37 -1.20 0.00	40.74 -1.30 -0.01	40.14 -1.16 0.00	40.98 -1.14 0.00	41.55 -1.13 -0.75	66.45 -1.63 -0.06	72.11 -1.62 -0.06	64.42 -2.06 -0.03	57.59 -1.42 0.00	55.18 -1.41 0.00	52.41 -1.51 0.00	50.99 -1.63 0.00	50.67 -1.57 0.00	53.52 -1.54 0.00	53.99 -1.54 -0.61	64.63 -1.58 -0.57	77.87 -2.16 0.00	70.63 -2.03 0.00	63.50 -2.17 0.00	60.46 -1.87 0.00	55.40 -1.54 0.00	52.61 -0.96 0.00	46.54 -0.76 0.00
SMITHTWN_69_KV_BK 1 55830	53.14 4.84 -0.41	48.59 4.01 0.00	45.63 3.53 -0.06	44.61 3.30 0.00	45.57 3.45 0.00	52.92 3.82 -7.17	71.89 3.33 -0.54	78.55 4.27 -0.61	70.84 4.12 -0.27	63.96 4.96 0.00	61.46 4.87 0.00	59.59 5.66 0.00	58.64 6.00 -0.02	58.16 5.90 -0.02	61.11 6.00 -0.05	65.31 5.05 -5.34	76.42 5.84 -4.94	86.28 6.24 0.00	79.49 6.83 0.00	71.51 5.84 0.00	67.69 5.36 0.00	61.66 4.73 0.00	58.02 4.45 0.00	51.17 3.88 0.00
SOUTH CAIRO___GT 23612	50.53 2.16 -0.47	47.16 2.59 0.00	44.63 2.52 -0.08	43.78 2.48 0.00	44.64 2.53 0.00	52.29 1.93 -8.43	72.26 3.61 -0.63	78.22 3.83 -0.72	70.69 3.92 -0.31	62.01 3.01 0.00	59.03 2.43 0.00	55.92 2.00 0.00	54.52 1.89 0.00	54.12 1.88 0.00	57.21 2.15 0.00	63.29 2.09 -6.29	74.42 2.95 -5.82	84.92 4.88 0.00	76.95 4.29 0.00	69.61 3.94 0.00	65.94 3.61 0.00	60.12 3.19 0.00	56.30 2.73 0.00	49.70 2.41 0.00
SOUTH HAMPTN___IC 23720	54.05 5.74 -0.41	49.44 4.86 0.00	46.43 4.33 -0.06	45.39 4.09 0.00	46.37 4.25 0.00	53.72 4.61 -7.17	73.39 4.83 -0.54	80.25 5.96 -0.61	72.04 5.32 -0.27	65.08 6.08 0.00	62.82 6.23 0.00	60.77 6.85 0.00	59.43 6.79 -0.02	58.78 6.53 -0.02	61.82 6.72 -0.04	65.91 5.66 -5.34	77.28 6.70 -4.94	87.32 7.28 0.00	80.36 7.70 0.00	72.17 6.50 0.00	68.06 5.73 0.00	61.94 5.01 0.00	58.23 4.66 0.00	51.50 4.21 0.00
SOUTHDOW_115KV_TB1 355954	45.42 -2.54 -0.06	44.00 -0.58 0.00	41.04 -1.01 -0.01	40.60 -0.70 0.00	41.40 -0.72 0.00	40.98 -2.05 -1.10	65.52 -2.58 -0.08	71.11 -2.65 -0.09	63.83 -2.66 -0.04	57.05 -1.95 0.00	54.28 -2.32 0.00	51.44 -2.48 0.00	49.57 -3.05 0.00	49.57 -2.66 0.00	52.42 -2.64 0.00	52.74 -3.19 -1.00	63.81 -2.76 -0.93	79.24 -0.80 0.00	72.15 -0.51 0.00	64.22 -1.44 0.00	61.52 -0.81 0.00	56.65 -0.28 0.00	54.48 0.91 0.00	48.52 1.23 0.00
SOUTHOLD_69_KV_BK 2 55809	54.82 6.51 -0.41	50.15 5.57 0.00	47.06 4.96 -0.06	46.05 4.75 0.00	47.04 4.93 0.00	54.39 5.28 -7.17	74.61 6.05 -0.54	81.65 7.37 -0.61	73.10 6.38 -0.27	65.96 6.96 0.00	63.56 6.96 0.00	61.37 7.44 0.00	59.90 7.26 -0.02	59.15 6.90 -0.02	62.15 7.05 -0.04	66.18 5.93 -5.34	77.60 7.02 -4.94	87.56 7.52 0.00	80.65 7.99 0.00	72.23 6.57 0.00	68.25 5.92 0.00	61.94 5.01 0.00	58.02 4.45 0.00	51.50 4.21 0.00
SOUTHOLD___IC 23719	54.82 6.51 -0.41	50.15 5.57 0.00	47.06 4.96 -0.06	46.05 4.75 0.00	47.04 4.93 0.00	54.39 5.28 -7.17	74.61 6.05 -0.54	81.65 7.37 -0.61	73.10 6.38 -0.27	65.96 6.96 0.00	63.56 6.96 0.00	61.37 7.44 0.00	59.90 7.26 -0.02	59.15 6.90 -0.02	62.15 7.05 -0.04	66.19 5.93 -5.34	77.61 7.03 -4.94	87.56 7.52 0.00	80.65 7.99 0.00	72.23 6.57 0.00	68.06 5.73 0.00	61.94 5.01 0.00	58.02 4.44 0.00	51.50 4.21 0.00
SOUTH_FORK_WT_PWR 323839	54.96 6.66 -0.41	50.28 5.71 0.00	47.18 5.08 -0.06	46.17 4.87 0.00	47.13 5.01 0.00	54.52 5.41 -7.17	74.81 6.25 -0.54	81.87 7.59 -0.61	73.16 6.44 -0.27	65.96 6.96 0.00	63.56 6.96 0.00	61.26 7.33 0.00	59.69 7.05 -0.02	58.84 6.58 -0.02	61.76 6.66 -0.04	65.74 5.49 -5.34	77.02 6.44 -4.94	86.76 6.72 0.00	79.86 7.20 0.00	71.45 5.78 0.00	67.31 4.99 0.00	61.26 4.32 0.00	57.38 3.80 0.00	51.08 3.78 0.00
SPIERFLS_115KV_TB 1 80737	51.48 3.07 -0.52	47.56 2.99 0.00	44.93 2.82 -0.08	44.11 2.81 0.00	44.98 2.86 0.00	54.16 2.94 -9.30	73.68 4.97 -0.69	79.99 5.53 -0.80	71.65 4.85 -0.35	62.95 3.95 0.00	60.28 3.68 0.00	57.21 3.29 0.00	55.73 3.10 0.00	55.22 2.98 0.00	58.25 3.19 0.00	65.32 3.51 -6.88	76.35 4.33 -6.37	85.48 5.44 0.00	77.68 5.01 0.00	70.07 4.40 0.00	66.56 4.24 0.00	60.58 3.64 0.00	56.84 3.27 0.00	50.04 2.74 0.00
ST LAWRENCE____ 23600	46.80 -1.10 0.00	43.15 -1.43 0.00	40.65 -1.39 0.00	39.98 -1.32 0.00	40.73 -1.39 0.00	40.76 -1.17 0.00	65.51 -2.52 0.00	69.83 -3.83 0.00	63.72 -2.73 0.00	55.81 -3.19 0.00	54.33 -2.27 0.00	51.55 -2.37 0.00	50.10 -2.52 0.00	49.58 -2.66 0.00	52.26 -2.81 0.00	52.72 -2.20 0.00	62.10 -3.55 0.00	75.56 -4.48 0.00	69.10 -3.56 0.00	62.78 -2.89 0.00	59.89 -2.43 0.00	55.28 -1.65 0.00	53.14 -0.43 0.00	46.87 -0.43 0.00

STATE_CA_115KV_115_LB 55624	49.60 1.20 -0.50	45.78 1.20 0.00	43.33 1.22 -0.08	42.58 1.28 0.00	43.30 1.18 0.00	51.83 1.05 -8.85	70.32 1.63 -0.66	76.19 1.77 -0.76	68.51 1.73 -0.33	60.30 1.30 0.00	57.84 1.25 0.00	55.11 1.19 0.00	53.83 1.21 0.00	53.44 1.20 0.00	56.33 1.27 0.00	63.10 1.54 -6.65	73.63 1.84 -6.15	82.28 2.24 0.00	74.62 1.96 0.00	67.51 1.84 0.00	63.88 1.56 0.00	58.13 1.20 0.00	54.48 0.91 0.00	48.19 0.90 0.00
STATE_ST_34_KV_LOAD 55959	47.52 -0.43 -0.05	44.22 -0.36 0.00	41.62 -0.42 -0.01	40.89 -0.41 0.00	41.78 -0.34 0.00	42.49 -0.34 -0.89	67.82 -0.27 -0.07	73.52 -0.22 -0.07	66.09 -0.40 -0.03	58.77 -0.24 0.00	56.26 -0.34 0.00	53.49 -0.43 0.00	52.15 -0.47 0.00	51.82 -0.42 0.00	54.68 -0.39 0.00	55.05 -0.55 -0.69	65.88 -0.39 -0.64	79.72 -0.32 0.00	72.30 -0.36 0.00	65.21 -0.46 0.00	62.01 -0.31 0.00	56.70 -0.23 0.00	53.46 -0.11 0.00	47.20 -0.09 0.00
STATION_5_MISC_HYD 23604	46.60 -1.34 -0.04	43.46 -1.11 0.00	40.86 -1.18 -0.01	40.27 -1.03 0.00	41.19 -0.93 0.00	41.56 -1.13 -0.76	66.31 -1.77 -0.06	71.82 -1.92 -0.06	64.02 -2.46 -0.03	57.35 -1.65 0.00	54.84 -1.75 0.00	52.09 -1.83 0.00	50.62 -2.00 0.00	50.41 -1.83 0.00	53.25 -1.82 0.00	53.91 -1.65 -0.64	64.60 -1.64 -0.59	77.64 -2.40 0.00	70.48 -2.18 0.00	63.17 -2.50 0.00	60.27 -2.06 0.00	55.40 -1.53 0.00	52.82 -0.75 0.00	46.91 -0.38 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	46.74 -1.20 -0.04	43.55 -1.03 0.00	40.91 -1.13 -0.01	40.31 -0.99 0.00	41.15 -0.97 0.00	41.71 -0.96 -0.74	66.65 -1.43 -0.06	72.26 -1.47 -0.06	64.62 -1.86 -0.03	57.76 -1.24 0.00	55.35 -1.25 0.00	52.58 -1.35 0.00	51.10 -1.53 0.00	50.83 -1.41 0.00	53.68 -1.38 0.00	54.15 -1.37 -0.60	64.82 -1.38 -0.56	78.11 -1.92 0.00	70.84 -1.82 0.00	63.70 -1.97 0.00	60.64 -1.68 0.00	55.62 -1.31 0.00	52.82 -0.75 0.00	46.77 -0.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	46.31 -1.63 -0.04	43.15 -1.43 0.00	40.53 -1.51 -0.01	40.02 -1.28 0.00	40.77 -1.35 0.00	41.29 -1.38 -0.74	65.90 -2.18 -0.06	71.37 -2.36 -0.06	63.55 -2.92 -0.03	57.00 -2.01 0.00	54.62 -1.98 0.00	51.82 -2.10 0.00	50.36 -2.26 0.00	50.15 -2.09 0.00	52.91 -2.15 0.00	53.56 -1.98 -0.62	64.18 -2.03 -0.58	77.15 -2.88 0.00	69.97 -2.69 0.00	62.78 -2.89 0.00	59.83 -2.49 0.00	55.00 -1.94 0.00	52.45 -1.13 0.00	46.49 -0.80 0.00
STA_56___34_KV_BUS2 355983	46.31 -1.63 -0.04	43.15 -1.43 0.00	40.53 -1.51 -0.01	40.02 -1.28 0.00	40.77 -1.35 0.00	41.29 -1.38 -0.74	65.90 -2.18 -0.06	71.37 -2.36 -0.06	63.55 -2.92 -0.03	57.00 -2.01 0.00	54.62 -1.98 0.00	51.82 -2.10 0.00	50.36 -2.26 0.00	50.15 -2.09 0.00	52.91 -2.15 0.00	53.56 -1.98 -0.62	64.18 -2.03 -0.58	77.15 -2.88 0.00	69.97 -2.69 0.00	62.78 -2.89 0.00	59.83 -2.49 0.00	55.00 -1.94 0.00	52.45 -1.13 0.00	46.49 -0.80 0.00
STA_67___115KV_BK2 355882	46.50 -1.44 -0.04	43.37 -1.20 0.00	40.70 -1.35 -0.01	40.23 -1.07 0.00	41.02 -1.10 0.00	41.48 -1.22 -0.76	66.18 -1.90 -0.06	71.67 -2.06 -0.06	63.75 -2.72 -0.03	57.23 -1.77 0.00	54.79 -1.81 0.00	52.04 -1.89 0.00	50.52 -2.10 0.00	50.31 -1.93 0.00	53.13 -1.93 0.00	53.80 -1.76 -0.64	64.46 -1.77 -0.59	77.47 -2.56 0.00	70.26 -2.40 0.00	63.04 -2.63 0.00	60.14 -2.18 0.00	55.28 -1.65 0.00	52.71 -0.86 0.00	46.82 -0.47 0.00
STA_7___115KV_9TRANS 80674	46.74 -1.20 -0.04	43.60 -0.98 0.00	40.91 -1.13 -0.01	40.43 -0.87 0.00	41.19 -0.93 0.00	41.73 -0.96 -0.76	66.58 -1.50 -0.06	72.19 -1.55 -0.06	64.22 -2.26 -0.03	57.64 -1.36 0.00	55.18 -1.41 0.00	52.41 -1.51 0.00	50.89 -1.74 0.00	50.67 -1.57 0.00	53.52 -1.54 0.00	54.18 -1.37 -0.64	64.92 -1.31 -0.59	78.11 -1.92 0.00	70.84 -1.82 0.00	63.50 -2.17 0.00	60.58 -1.75 0.00	55.62 -1.31 0.00	53.09 -0.48 0.00	47.10 -0.19 0.00
STA_82___115KV_TB1 80780	46.45 -1.48 -0.04	43.37 -1.20 0.00	40.70 -1.35 -0.01	40.19 -1.12 0.00	40.98 -1.14 0.00	41.48 -1.22 -0.76	66.18 -1.90 -0.06	71.60 -2.14 -0.07	63.75 -2.72 -0.03	57.17 -1.83 0.00	54.73 -1.87 0.00	51.98 -1.94 0.00	50.46 -2.16 0.00	50.25 -1.99 0.00	53.08 -1.98 0.00	53.75 -1.81 -0.64	64.40 -1.84 -0.60	77.39 -2.64 0.00	70.19 -2.47 0.00	62.97 -2.69 0.00	60.08 -2.24 0.00	55.22 -1.71 0.00	52.71 -0.86 0.00	46.77 -0.52 0.00
STEEL___WIND 323596	44.89 -3.07 -0.06	43.15 -1.43 0.00	40.45 -1.60 -0.01	39.85 -1.45 0.00	40.81 -1.31 0.00	40.27 -2.68 -1.02	63.68 -4.42 -0.08	70.15 -3.61 -0.09	61.70 -4.79 -0.04	55.46 -3.54 0.00	52.75 -3.85 0.00	50.04 -3.88 0.00	48.41 -4.21 0.00	48.37 -3.87 0.00	50.99 -4.07 0.00	51.49 -4.34 -0.91	61.83 -4.66 -0.84	75.71 -4.32 0.00	68.88 -3.78 0.00	61.46 -4.20 0.00	58.84 -3.49 0.00	54.37 -2.56 0.00	52.39 -1.18 0.00	46.87 -0.43 0.00
STEPHTWN_115KV_BK_2 55603	49.88 1.48 -0.50	46.00 1.43 0.00	43.54 1.43 -0.08	42.79 1.49 0.00	43.55 1.43 0.00	52.08 1.30 -8.85	70.86 2.18 -0.66	76.78 2.36 -0.76	68.97 2.19 -0.33	60.71 1.71 0.00	58.18 1.58 0.00	55.43 1.51 0.00	54.15 1.53 0.00	53.70 1.46 0.00	56.60 1.54 0.00	63.35 1.81 -6.62	74.00 2.23 -6.13	82.84 2.80 0.00	75.13 2.47 0.00	67.97 2.30 0.00	64.26 1.93 0.00	58.53 1.59 0.00	54.80 1.23 0.00	48.43 1.14 0.00
STEUBEN_REC_LFGE 323667	45.49 -2.49 -0.09	43.46 -1.11 0.00	40.58 -1.47 -0.01	40.02 -1.28 0.00	40.94 -1.18 0.00	41.31 -2.14 -1.52	64.80 -3.33 -0.11	69.89 -3.90 -0.13	62.59 -3.92 -0.06	55.93 -3.07 0.00	52.80 -3.79 0.00	50.20 -3.72 0.00	48.41 -4.21 0.00	48.43 -3.81 0.00	51.26 -3.80 0.00	53.30 -2.91 -1.29	64.15 -2.69 -1.20	78.11 -1.92 0.00	71.35 -1.31 0.00	64.16 -1.51 0.00	61.45 -0.87 0.00	56.48 -0.46 0.00	53.89 0.32 0.00	48.05 0.76 0.00
STILLWATER___SOLAR 323814	50.81 2.39 -0.52	46.94 2.36 0.00	44.34 2.23 -0.08	43.53 2.23 0.00	44.35 2.23 0.00	53.48 2.30 -9.24	72.52 3.81 -0.69	78.73 4.27 -0.79	70.51 3.72 -0.34	61.89 2.89 0.00	59.31 2.72 0.00	56.41 2.48 0.00	54.93 2.31 0.00	54.48 2.24 0.00	57.54 2.48 0.00	64.57 2.80 -6.85	75.53 3.54 -6.34	84.43 4.40 0.00	76.66 3.99 0.00	69.21 3.54 0.00	65.56 3.24 0.00	59.67 2.73 0.00	55.98 2.41 0.00	49.37 2.08 0.00
STONY___BROOK 24151	53.10 4.79 -0.41	48.54 3.97 0.00	45.59 3.49 -0.06	44.61 3.31 0.00	45.53 3.41 0.00	52.92 3.82 -7.17	71.89 3.33 -0.54	78.40 4.12 -0.61	70.64 3.92 -0.27	63.96 4.96 0.00	61.75 5.15 0.00	59.86 5.93 0.00	58.63 6.00 -0.02	58.10 5.85 -0.02	61.11 6.00 -0.04	65.25 5.00 -5.34	76.29 5.71 -4.94	85.96 5.92 0.00	79.34 6.68 0.00	71.38 5.71 0.00	67.37 5.05 0.00	61.54 4.61 0.00	57.97 4.39 0.00	51.12 3.83 0.00
STURGEON_POOL_HYD 23609	50.51 2.20 -0.41	46.67 2.10 0.00	44.08 1.98 -0.07	43.12 1.82 0.00	43.97 1.85 0.00	51.07 1.76 -7.37	71.57 2.99 -0.55	77.61 3.32 -0.63	70.18 3.46 -0.27	62.36 3.36 0.00	59.77 3.17 0.00	57.00 3.07 0.00	55.73 3.10 0.00	55.27 3.03 0.00	58.20 3.14 0.00	63.20 2.80 -5.49	74.07 3.35 -5.08	84.60 4.56 0.00	76.59 3.92 0.00	69.28 3.61 0.00	65.82 3.49 0.00	60.01 3.07 0.00	56.14 2.57 0.00	49.42 2.13 0.00

ST_LAW_115_BK7_LBMP 345037	46.80 -1.10 0.00	43.15 -1.43 0.00	40.65 -1.39 0.00	40.02 -1.28 0.00	40.73 -1.39 0.00	40.76 -1.17 0.00	65.51 -2.52 0.00	69.76 -3.91 0.00	63.72 -2.73 0.00	55.76 -3.25 0.00	54.33 -2.27 0.00	51.55 -2.37 0.00	50.10 -2.52 0.00	49.58 -2.66 0.00	52.26 -2.81 0.00	52.72 -2.20 0.00	62.10 -3.55 0.00	75.48 -4.56 0.00	69.10 -3.56 0.00	62.71 -2.95 0.00	59.89 -2.43 0.00	55.28 -1.65 0.00	53.14 -0.43 0.00	46.91 -0.38 0.00
ST_LAW_115_BK8_LBMP 345038	46.80 -1.10 0.00	43.15 -1.43 0.00	40.65 -1.39 0.00	40.02 -1.28 0.00	40.73 -1.39 0.00	40.76 -1.17 0.00	65.51 -2.52 0.00	69.76 -3.91 0.00	63.72 -2.73 0.00	55.76 -3.25 0.00	54.33 -2.27 0.00	51.55 -2.37 0.00	50.10 -2.52 0.00	49.58 -2.66 0.00	52.26 -2.81 0.00	52.72 -2.20 0.00	62.10 -3.55 0.00	75.48 -4.56 0.00	69.10 -3.56 0.00	62.71 -2.95 0.00	59.89 -2.43 0.00	55.28 -1.65 0.00	53.14 -0.43 0.00	46.91 -0.38 0.00
ST_LAW_230_BK5_LBMP 345035	46.80 -1.10 0.00	43.15 -1.43 0.00	40.65 -1.39 0.00	39.98 -1.32 0.00	40.73 -1.39 0.00	40.76 -1.17 0.00	65.51 -2.52 0.00	69.83 -3.83 0.00	63.72 -2.73 0.00	55.81 -3.19 0.00	54.33 -2.27 0.00	51.55 -2.37 0.00	50.10 -2.52 0.00	49.58 -2.66 0.00	52.26 -2.81 0.00	52.72 -2.20 0.00	62.10 -3.55 0.00	75.56 -4.48 0.00	69.10 -3.56 0.00	62.78 -2.89 0.00	59.89 -2.43 0.00	55.28 -1.65 0.00	53.14 -0.43 0.00	46.87 -0.43 0.00
ST_LAW_230_BK6_LBMP 345036	46.80 -1.10 0.00	43.15 -1.43 0.00	40.65 -1.39 0.00	39.98 -1.32 0.00	40.73 -1.39 0.00	40.76 -1.17 0.00	65.51 -2.52 0.00	69.83 -3.83 0.00	63.72 -2.73 0.00	55.81 -3.19 0.00	54.33 -2.27 0.00	51.55 -2.37 0.00	50.10 -2.52 0.00	49.58 -2.66 0.00	52.26 -2.81 0.00	52.72 -2.20 0.00	62.10 -3.55 0.00	75.56 -4.48 0.00	69.10 -3.56 0.00	62.78 -2.89 0.00	59.89 -2.43 0.00	55.28 -1.65 0.00	53.14 -0.43 0.00	46.87 -0.43 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.62 2.35 -0.38	46.63 2.05 0.00	44.03 1.93 -0.06	43.08 1.78 0.00	43.97 1.85 0.00	50.58 1.93 -6.72	71.66 3.13 -0.50	77.78 3.54 -0.57	70.02 3.32 -0.25	62.25 3.25 0.00	59.65 3.06 0.00	56.94 3.02 0.00	55.67 3.05 0.00	55.27 3.03 0.00	58.14 3.08 0.00	62.88 2.97 -4.99	73.81 3.54 -4.62	84.60 4.56 0.00	76.66 4.00 0.00	69.21 3.55 0.00	65.75 3.43 0.00	59.95 3.02 0.00	56.09 2.52 0.00	49.37 2.08 0.00
SWANROAD_115KV_TB1 355699	44.21 -3.74 -0.05	41.95 -2.63 0.00	39.23 -2.82 -0.01	39.57 -1.73 0.00	40.26 -1.85 0.00	39.60 -3.27 -0.94	62.58 -5.51 -0.07	67.19 -6.56 -0.08	59.71 -6.78 -0.04	53.99 -5.02 0.00	51.50 -5.09 0.00	48.85 -5.07 0.00	47.20 -5.42 0.00	47.17 -5.07 0.00	49.78 -5.29 0.00	50.47 -5.27 -0.82	60.50 -5.91 -0.76	73.15 -6.88 0.00	66.49 -6.18 0.00	59.36 -6.30 0.00	56.78 -5.55 0.00	52.66 -4.27 0.00	50.79 -2.79 0.00	45.83 -1.47 0.00
SYNERGY___BIOGAS 323694	46.13 -1.82 -0.05	43.51 -1.07 0.00	40.70 -1.35 -0.01	40.64 -0.66 0.00	41.40 -0.72 0.00	41.30 -1.51 -0.87	65.64 -2.45 -0.07	71.02 -2.73 -0.07	63.09 -3.39 -0.03	56.70 -2.30 0.00	54.16 -2.43 0.00	51.28 -2.64 0.00	49.62 -3.00 0.00	49.52 -2.72 0.00	52.36 -2.70 0.00	52.93 -2.75 -0.76	63.58 -2.76 -0.70	76.99 -3.04 0.00	69.97 -2.69 0.00	62.51 -3.15 0.00	59.77 -2.56 0.00	55.11 -1.82 0.00	53.04 -0.54 0.00	47.39 0.09 0.00
SYRACUSE___ENERGY_ST1 323597	47.36 -0.57 -0.04	44.09 -0.49 0.00	41.54 -0.50 -0.01	40.76 -0.54 0.00	41.65 -0.46 0.00	42.18 -0.50 -0.75	67.40 -0.68 -0.06	73.07 -0.66 -0.06	65.81 -0.66 -0.03	58.53 -0.47 0.00	56.14 -0.45 0.00	53.38 -0.54 0.00	52.04 -0.58 0.00	51.72 -0.52 0.00	54.51 -0.55 0.00	54.77 -0.71 -0.57	65.45 -0.72 -0.53	79.16 -0.88 0.00	71.79 -0.87 0.00	64.81 -0.85 0.00	61.58 -0.75 0.00	56.31 -0.63 0.00	53.09 -0.48 0.00	46.87 -0.43 0.00
SYRACUSE___ENERGY_ST2 323598	47.36 -0.57 -0.04	44.09 -0.49 0.00	41.54 -0.50 -0.01	40.76 -0.54 0.00	41.65 -0.46 0.00	42.18 -0.50 -0.75	67.40 -0.68 -0.06	73.07 -0.66 -0.06	65.81 -0.66 -0.03	58.53 -0.47 0.00	56.14 -0.45 0.00	53.38 -0.54 0.00	52.04 -0.58 0.00	51.72 -0.52 0.00	54.51 -0.55 0.00	54.77 -0.71 -0.57	65.45 -0.72 -0.53	79.16 -0.88 0.00	71.79 -0.87 0.00	64.81 -0.85 0.00	61.58 -0.75 0.00	56.31 -0.63 0.00	53.09 -0.48 0.00	46.87 -0.43 0.00
SYRACUSE___POWER 24017	47.32 -0.62 -0.05	44.04 -0.53 0.00	41.50 -0.55 -0.01	40.76 -0.54 0.00	41.61 -0.51 0.00	42.20 -0.55 -0.81	67.34 -0.75 -0.06	73.00 -0.74 -0.07	65.75 -0.73 -0.03	58.47 -0.53 0.00	56.03 -0.57 0.00	53.28 -0.65 0.00	51.99 -0.63 0.00	51.61 -0.63 0.00	54.46 -0.61 0.00	54.70 -0.82 -0.61	65.35 -0.85 -0.57	79.08 -0.96 0.00	71.72 -0.94 0.00	64.75 -0.92 0.00	61.52 -0.81 0.00	56.25 -0.68 0.00	53.04 -0.54 0.00	46.82 -0.47 0.00
TALLMAN_138KV_BK151 55660	50.92 2.63 -0.39	46.85 2.27 0.00	44.24 2.14 -0.06	43.24 1.94 0.00	44.14 2.02 0.00	50.93 2.10 -6.90	72.01 3.47 -0.52	78.16 3.90 -0.59	70.43 3.72 -0.26	62.60 3.60 0.00	60.05 3.45 0.00	57.32 3.40 0.00	56.04 3.42 0.00	55.63 3.40 0.00	58.53 3.47 0.00	63.40 3.35 -5.13	74.40 4.00 -4.75	85.08 5.04 0.00	77.09 4.43 0.00	69.67 4.01 0.00	66.19 3.86 0.00	60.35 3.42 0.00	56.36 2.79 0.00	49.56 2.27 0.00
TEALLAVE_115KV_TB7 355573	47.07 -0.86 -0.04	43.86 -0.71 0.00	41.28 -0.76 -0.01	40.56 -0.74 0.00	41.40 -0.72 0.00	41.89 -0.71 -0.67	66.99 -1.09 -0.05	72.55 -1.18 -0.06	65.35 -1.13 -0.02	58.18 -0.83 0.00	55.75 -0.85 0.00	53.06 -0.86 0.00	51.73 -0.89 0.00	51.40 -0.84 0.00	54.18 -0.88 0.00	54.38 -1.04 -0.51	64.99 -1.12 -0.47	78.60 -1.44 0.00	71.35 -1.31 0.00	64.42 -1.25 0.00	61.14 -1.18 0.00	55.96 -0.97 0.00	52.82 -0.75 0.00	46.63 -0.66 0.00
TELGRAPH_34_KV_EAST 80808	45.31 -2.63 -0.05	42.88 -1.69 0.00	40.11 -1.93 -0.01	40.14 -1.16 0.00	40.85 -1.26 0.00	40.57 -2.26 -0.90	64.28 -3.81 -0.07	69.40 -4.35 -0.08	61.70 -4.78 -0.03	55.58 -3.42 0.00	53.03 -3.57 0.00	50.31 -3.61 0.00	48.62 -4.00 0.00	48.53 -3.71 0.00	51.26 -3.80 0.00	51.91 -3.79 -0.78	62.30 -4.07 -0.73	75.39 -4.64 0.00	68.52 -4.14 0.00	61.20 -4.47 0.00	58.52 -3.80 0.00	54.09 -2.85 0.00	52.07 -1.50 0.00	46.73 -0.57 0.00
TEMPLE___115KV_TB 2 55572	47.12 -0.81 -0.04	43.86 -0.71 0.00	41.33 -0.71 -0.01	40.60 -0.70 0.00	41.44 -0.67 0.00	41.95 -0.67 -0.68	66.99 -1.09 -0.05	72.62 -1.11 -0.06	65.41 -1.06 -0.03	58.23 -0.77 0.00	55.80 -0.79 0.00	53.06 -0.86 0.00	51.78 -0.84 0.00	51.46 -0.78 0.00	54.24 -0.83 0.00	54.44 -0.99 -0.52	65.00 -1.12 -0.48	78.68 -1.36 0.00	71.35 -1.31 0.00	64.42 -1.25 0.00	61.20 -1.12 0.00	55.96 -0.97 0.00	52.82 -0.75 0.00	46.63 -0.66 0.00
TIANA___69_KV_BK 1 55817	53.91 5.60 -0.41	49.26 4.68 0.00	46.26 4.16 -0.06	45.22 3.92 0.00	46.24 4.13 0.00	53.59 4.49 -7.17	73.12 4.56 -0.54	79.95 5.67 -0.61	71.97 5.25 -0.27	64.90 5.90 0.00	62.31 5.72 0.00	60.34 6.42 0.00	59.32 6.68 -0.02	58.73 6.48 -0.02	61.76 6.66 -0.04	65.85 5.60 -5.34	77.21 6.63 -4.94	87.32 7.28 0.00	80.36 7.70 0.00	72.17 6.50 0.00	68.25 5.92 0.00	62.06 5.12 0.00	58.29 4.71 0.00	51.50 4.21 0.00

TILDEN___115KV_TB1 80814	47.32 -0.62 -0.05	44.04 -0.53 0.00	41.50 -0.55 -0.01	40.76 -0.54 0.00	41.61 -0.51 0.00	42.20 -0.55 -0.81	67.34 -0.75 -0.06	73.00 -0.74 -0.07	65.75 -0.73 -0.03	58.47 -0.53 0.00	56.03 -0.57 0.00	53.28 -0.65 0.00	51.99 -0.63 0.00	51.61 -0.63 0.00	54.46 -0.61 0.00	54.70 -0.82 -0.61	65.35 -0.85 -0.57	79.08 -0.96 0.00	71.72 -0.94 0.00	64.75 -0.92 0.00	61.52 -0.81 0.00	56.25 -0.68 0.00	53.04 -0.54 0.00	46.82 -0.47 0.00
TRIGEN___CC 323695	52.23 3.93 -0.41	47.87 3.30 0.00	45.04 2.94 -0.06	44.03 2.73 0.00	44.98 2.86 0.00	52.21 3.10 -7.17	71.69 3.13 -0.54	78.19 3.90 -0.61	70.51 3.79 -0.27	63.25 4.25 0.00	60.78 4.19 0.00	58.67 4.75 0.00	57.58 4.95 -0.01	57.06 4.81 -0.01	60.07 5.01 0.00	64.59 4.34 -5.34	75.70 5.12 -4.94	85.96 5.92 0.00	78.62 5.96 0.00	70.79 5.12 0.00	67.00 4.67 0.00	60.97 4.04 0.00	57.32 3.75 0.00	50.56 3.26 0.00
TRINITY___115KV___4 BK 55933	49.45 1.05 -0.50	45.60 1.03 0.00	43.17 1.05 -0.08	42.42 1.12 0.00	43.13 1.01 0.00	51.66 0.88 -8.85	70.05 1.36 -0.66	75.90 1.47 -0.76	68.18 1.40 -0.33	60.00 1.00 0.00	57.56 0.96 0.00	54.84 0.92 0.00	53.62 1.00 0.00	53.13 0.89 0.00	56.05 0.99 0.00	62.81 1.26 -6.63	73.29 1.51 -6.13	81.88 1.84 0.00	74.33 1.67 0.00	67.24 1.58 0.00	63.57 1.25 0.00	57.90 0.97 0.00	54.27 0.70 0.00	47.95 0.66 0.00
UNION___PROCESSING_DRP 323587	46.50 -1.44 -0.04	43.37 -1.20 0.00	40.70 -1.35 -0.01	40.19 -1.12 0.00	40.98 -1.14 0.00	41.48 -1.22 -0.76	66.18 -1.90 -0.06	71.67 -2.06 -0.07	63.75 -2.72 -0.03	57.17 -1.83 0.00	54.73 -1.87 0.00	51.98 -1.94 0.00	50.46 -2.16 0.00	50.25 -1.99 0.00	53.08 -1.98 0.00	53.75 -1.81 -0.64	64.40 -1.84 -0.60	77.39 -2.64 0.00	70.26 -2.40 0.00	63.04 -2.63 0.00	60.08 -2.24 0.00	55.22 -1.71 0.00	52.71 -0.86 0.00	46.77 -0.52 0.00
UPPER HUDSON___HYD 24058	51.48 3.07 -0.52	47.56 2.99 0.00	44.93 2.82 -0.08	44.11 2.81 0.00	44.94 2.82 0.00	54.16 2.93 -9.30	73.68 4.96 -0.69	80.14 5.67 -0.80	71.65 4.85 -0.35	62.89 3.89 0.00	60.27 3.68 0.00	57.21 3.29 0.00	55.73 3.10 0.00	55.21 2.98 0.00	58.25 3.19 0.00	65.32 3.52 -6.88	76.34 4.33 -6.37	85.48 5.45 0.00	77.67 5.01 0.00	70.07 4.40 0.00	66.57 4.24 0.00	60.52 3.59 0.00	56.84 3.27 0.00	50.03 2.74 0.00
UPPER RAQUET___HYD 24056	47.14 -0.77 -0.01	43.60 -0.98 0.00	41.07 -0.97 0.00	40.39 -0.91 0.00	41.11 -1.01 0.00	40.94 -1.13 -0.14	65.38 -2.65 -0.01	69.77 -3.91 -0.01	63.86 -2.59 -0.01	55.70 -3.30 0.00	54.33 -2.27 0.00	51.55 -2.37 0.00	50.10 -2.52 0.00	49.63 -2.61 0.00	52.31 -2.75 0.00	52.66 -2.36 -0.10	61.93 -3.81 -0.10	75.15 -4.88 0.00	68.74 -3.92 0.00	62.58 -3.09 0.00	59.77 -2.56 0.00	55.34 -1.59 0.00	53.46 -0.11 0.00	47.39 0.09 0.00
VALLEY44_115KV_TB2 355964	44.13 -3.83 -0.06	43.33 -1.25 0.00	40.45 -1.60 -0.01	40.06 -1.24 0.00	40.85 -1.26 0.00	39.75 -3.31 -1.13	63.07 -5.03 -0.08	68.17 -5.60 -0.10	62.31 -4.19 -0.04	55.82 -3.19 0.00	53.03 -3.57 0.00	50.36 -3.56 0.00	48.52 -4.10 0.00	48.48 -3.76 0.00	51.15 -3.91 0.00	50.84 -5.11 -1.03	61.28 -5.32 -0.95	76.91 -3.12 0.00	69.90 -2.76 0.00	62.45 -3.22 0.00	59.77 -2.56 0.00	55.05 -1.88 0.00	52.71 -0.86 0.00	47.01 -0.28 0.00
VALLEY___115KV_TB 1-4 80826	49.67 1.77 0.00	46.27 1.69 0.00	43.67 1.64 0.00	42.91 1.61 0.00	43.80 1.68 0.00	43.53 1.59 0.00	70.68 2.65 0.00	76.54 2.87 0.00	69.04 2.59 0.00	61.30 2.30 0.00	58.86 2.26 0.00	56.13 2.21 0.00	54.73 2.10 0.00	54.33 2.09 0.00	57.15 2.09 0.00	56.95 2.03 0.00	67.94 2.30 0.00	82.84 2.80 0.00	75.13 2.47 0.00	67.90 2.23 0.00	64.38 2.06 0.00	58.81 1.88 0.00	55.34 1.77 0.00	48.85 1.56 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	50.09 2.01 -0.18	46.54 1.96 0.00	43.91 1.85 -0.03	43.08 1.78 0.00	43.97 1.85 0.00	47.03 1.85 -3.25	71.40 3.13 -0.24	77.41 3.46 -0.28	69.96 3.39 -0.12	62.07 3.07 0.00	59.60 3.00 0.00	56.84 2.91 0.00	55.36 2.74 0.00	55.06 2.82 0.00	57.98 2.92 0.00	60.07 2.75 -2.40	71.02 3.15 -2.23	84.12 4.08 0.00	76.22 3.56 0.00	68.88 3.22 0.00	65.50 3.18 0.00	59.78 2.85 0.00	56.09 2.52 0.00	49.47 2.18 0.00
VISCHER___FERRY HYD 24020	50.08 1.68 -0.51	46.23 1.65 0.00	43.71 1.60 -0.08	42.91 1.61 0.00	43.72 1.60 0.00	52.59 1.59 -9.07	71.35 2.65 -0.68	77.31 2.87 -0.78	69.31 2.52 -0.34	60.83 1.83 0.00	58.35 1.76 0.00	55.60 1.67 0.00	54.25 1.63 0.00	53.75 1.52 0.00	56.71 1.65 0.00	63.70 2.03 -6.75	74.45 2.56 -6.25	83.24 3.20 0.00	75.49 2.83 0.00	68.23 2.56 0.00	64.45 2.12 0.00	58.64 1.71 0.00	54.96 1.39 0.00	48.57 1.28 0.00
V_A_10_SYNC_DSASP 323832	45.45 -2.49 -0.05	42.57 -2.01 0.00	39.90 -2.14 -0.01	39.48 -1.82 0.00	40.22 -1.90 0.00	40.59 -2.18 -0.84	64.41 -3.67 -0.06	69.39 -4.35 -0.07	61.37 -5.12 -0.03	55.34 -3.66 0.00	52.80 -3.79 0.00	50.15 -3.77 0.00	48.57 -4.05 0.00	48.48 -3.76 0.00	51.10 -3.96 0.00	52.08 -3.57 -0.73	62.44 -3.87 -0.67	74.91 -5.12 0.00	68.01 -4.65 0.00	60.87 -4.79 0.00	58.15 -4.18 0.00	53.74 -3.19 0.00	51.54 -2.04 0.00	46.02 -1.28 0.00
V_CMM_10_SYNC_DSASP 323787	47.03 -0.86 0.00	43.42 -1.16 0.00	40.94 -1.09 0.00	40.23 -1.07 0.00	40.98 -1.14 0.00	40.97 -0.96 0.00	65.85 -2.18 0.00	71.24 -2.43 0.00	64.26 -2.19 0.00	56.05 -2.95 0.00	54.67 -1.92 0.00	51.93 -2.00 0.00	50.41 -2.21 0.00	49.89 -2.35 0.00	52.53 -2.53 0.00	53.05 -1.87 0.00	62.42 -3.22 0.00	75.95 -4.08 0.00	69.68 -2.98 0.00	63.04 -2.63 0.00	60.21 -2.12 0.00	55.28 -1.65 0.00	53.46 -0.11 0.00	47.20 -0.09 0.00
V_CMP_10_SYNC_DSASP 323788	47.13 -0.77 0.00	43.46 -1.11 0.00	40.98 -1.05 0.00	40.27 -1.03 0.00	41.02 -1.10 0.00	41.05 -0.88 0.00	65.98 -2.04 0.00	71.46 -2.21 0.00	64.46 -1.99 0.00	56.17 -2.83 0.00	54.73 -1.87 0.00	51.87 -2.05 0.00	50.25 -2.37 0.00	49.73 -2.51 0.00	52.36 -2.70 0.00	52.89 -2.03 0.00	62.29 -3.35 0.00	75.95 -4.08 0.00	69.90 -2.76 0.00	63.30 -2.36 0.00	60.46 -1.87 0.00	55.57 -1.37 0.00	53.84 0.27 0.00	47.48 0.19 0.00
V_D_10_SYNC_DSASP 323841	47.42 -0.48 0.00	43.77 -0.80 0.00	41.32 -0.71 0.00	40.56 -0.74 0.00	41.32 -0.80 0.00	41.26 -0.67 0.00	66.26 -1.77 0.00	71.75 -1.92 0.00	64.72 -1.73 0.00	56.41 -2.60 0.00	55.01 -1.58 0.00	52.25 -1.67 0.00	50.73 -1.89 0.00	50.20 -2.04 0.00	52.91 -2.15 0.00	53.38 -1.54 0.00	62.82 -2.82 0.00	76.35 -3.68 0.00	70.12 -2.54 0.00	63.50 -2.17 0.00	60.58 -1.75 0.00	55.68 -1.25 0.00	53.95 0.37 0.00	47.58 0.28 0.00
V_E_10_SYNC_DSASP 323830	50.61 2.59 -0.13	47.34 2.76 0.00	44.70 2.65 -0.02	43.82 2.52 0.00	44.85 2.74 0.00	46.90 2.64 -2.32	72.96 4.76 -0.17	79.61 5.75 -0.20	71.65 5.12 -0.09	63.25 4.25 0.00	60.39 3.79 0.00	57.59 3.67 0.00	55.99 3.37 0.00	55.90 3.66 0.00	58.92 3.85 0.00	60.06 3.40 -1.74	71.59 4.33 -1.61	86.20 6.16 0.00	78.04 5.38 0.00	70.46 4.79 0.00	67.19 4.86 0.00	61.26 4.33 0.00	57.64 4.07 0.00	50.84 3.55 0.00

V_F_30_NSYNC___DSASP 323816	50.86 2.44 -0.52	46.98 2.41 0.00	44.39 2.27 -0.08	43.57 2.27 0.00	44.39 2.27 0.00	53.55 2.35 -9.27	72.59 3.88 -0.69	78.73 4.27 -0.79	70.52 3.72 -0.35	61.95 2.95 0.00	59.37 2.77 0.00	56.46 2.53 0.00	55.04 2.42 0.00	54.59 2.35 0.00	57.65 2.59 0.00	64.64 2.86 -6.87	75.61 3.61 -6.36	84.52 4.48 0.00	76.73 4.07 0.00	69.28 3.61 0.00	65.63 3.30 0.00	59.78 2.85 0.00	56.09 2.52 0.00	49.42 2.13 0.00
V_F_30_SYNC_DSASP 323786	49.60 1.20 -0.50	45.78 1.20 0.00	43.33 1.22 -0.08	42.58 1.28 0.00	43.30 1.18 0.00	51.83 1.05 -8.85	70.32 1.63 -0.66	76.19 1.77 -0.76	68.44 1.66 -0.33	60.30 1.30 0.00	57.84 1.25 0.00	55.11 1.19 0.00	53.83 1.21 0.00	53.44 1.20 0.00	56.27 1.21 0.00	63.10 1.54 -6.65	73.63 1.84 -6.15	82.28 2.24 0.00	74.62 1.96 0.00	67.51 1.84 0.00	63.88 1.56 0.00	58.13 1.20 0.00	54.48 0.91 0.00	48.14 0.85 0.00
V_XM_10_SYNC_DSASP 323789	47.13 -0.77 0.00	43.46 -1.11 0.00	40.98 -1.05 0.00	40.27 -1.03 0.00	41.02 -1.10 0.00	41.05 -0.88 0.00	65.98 -2.04 0.00	71.46 -2.21 0.00	64.46 -1.99 0.00	56.17 -2.83 0.00	54.73 -1.87 0.00	51.87 -2.05 0.00	50.25 -2.37 0.00	49.73 -2.51 0.00	52.36 -2.70 0.00	52.89 -2.03 0.00	62.29 -3.35 0.00	75.95 -4.08 0.00	69.90 -2.76 0.00	63.30 -2.36 0.00	60.46 -1.87 0.00	55.57 -1.37 0.00	53.84 0.27 0.00	47.48 0.19 0.00
W.BABYLN_69_KV_BK1 56697	53.48 5.17 -0.41	48.94 4.37 0.00	45.97 3.87 -0.06	44.94 3.63 0.00	45.91 3.79 0.00	53.26 4.15 -7.17	72.91 4.35 -0.54	79.59 5.30 -0.61	71.70 4.98 -0.27	64.49 5.49 0.00	61.97 5.38 0.00	60.02 6.09 0.00	59.00 6.37 -0.01	58.52 6.27 -0.01	61.40 6.33 0.00	65.91 5.66 -5.34	77.41 6.83 -4.94	87.88 7.84 0.00	80.58 7.92 0.00	72.50 6.83 0.00	68.56 6.23 0.00	62.28 5.35 0.00	58.55 4.98 0.00	51.64 4.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.11 2.83 -0.39	47.03 2.45 0.00	44.41 2.31 -0.06	43.41 2.11 0.00	44.31 2.19 0.00	51.16 2.26 -6.96	72.29 3.74 -0.52	78.54 4.27 -0.60	70.70 3.99 -0.26	62.90 3.89 0.00	60.33 3.74 0.00	57.59 3.67 0.00	56.31 3.68 0.00	55.90 3.66 0.00	58.81 3.74 0.00	63.72 3.62 -5.18	74.76 4.33 -4.79	85.48 5.44 0.00	77.46 4.80 0.00	69.94 4.27 0.00	66.44 4.11 0.00	60.58 3.64 0.00	56.57 3.00 0.00	49.75 2.46 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.32 3.02 -0.40	47.21 2.63 0.00	44.58 2.48 -0.06	43.53 2.23 0.00	44.43 2.32 0.00	51.54 2.43 -7.17	72.51 3.95 -0.54	78.78 4.49 -0.61	71.10 4.39 -0.27	63.52 4.31 -0.21	60.70 4.07 -0.03	58.32 4.10 -0.30	57.09 4.10 -0.36	56.69 4.07 -0.38	59.43 4.13 -0.24	64.33 3.95 -5.46	75.17 4.59 -4.94	85.88 5.84 0.00	77.82 5.16 0.00	70.26 4.60 0.00	66.81 4.49 0.00	60.86 3.93 0.00	56.84 3.27 0.00	49.99 2.70 0.00
W50THST__13_KV_LOAD 356117	51.46 3.16 -0.40	47.34 2.76 0.00	44.75 2.65 -0.06	43.70 2.40 0.00	44.60 2.48 0.00	51.66 2.56 -7.17	72.78 4.22 -0.54	79.07 4.79 -0.61	71.50 4.78 -0.27	63.87 4.66 -0.21	61.04 4.41 -0.03	58.65 4.42 -0.30	57.40 4.42 -0.36	57.00 4.39 -0.38	59.81 4.52 -0.24	64.71 4.34 -5.46	75.57 4.99 -4.94	86.28 6.24 0.00	78.18 5.52 0.00	70.59 4.93 0.00	67.13 4.80 0.00	61.15 4.21 0.00	57.05 3.48 0.00	50.18 2.88 0.00
WADING RIVER_IC_1 23522	53.58 5.27 -0.41	48.99 4.41 0.00	45.96 3.86 -0.06	44.98 3.67 0.00	45.91 3.79 0.00	53.30 4.19 -7.17	72.64 4.08 -0.54	79.36 5.08 -0.61	71.30 4.58 -0.27	64.49 5.49 0.00	62.26 5.66 0.00	60.28 6.36 0.00	59.00 6.36 -0.02	58.47 6.21 -0.02	61.48 6.38 -0.04	65.58 5.33 -5.34	76.88 6.30 -4.94	86.92 6.88 0.00	80.08 7.42 0.00	71.91 6.24 0.00	67.81 5.49 0.00	61.83 4.90 0.00	58.18 4.61 0.00	51.36 4.07 0.00
WADING RIVER_IC_2 23547	53.58 5.27 -0.41	48.99 4.41 0.00	45.96 3.86 -0.06	44.98 3.67 0.00	45.91 3.79 0.00	53.30 4.19 -7.17	72.64 4.08 -0.54	79.36 5.08 -0.61	71.30 4.58 -0.27	64.49 5.49 0.00	62.26 5.66 0.00	60.28 6.36 0.00	59.00 6.36 -0.02	58.47 6.21 -0.02	61.48 6.38 -0.04	65.58 5.33 -5.34	76.88 6.30 -4.94	86.92 6.88 0.00	80.08 7.42 0.00	71.91 6.24 0.00	67.81 5.49 0.00	61.83 4.90 0.00	58.18 4.61 0.00	51.36 4.07 0.00
WADING RIVER_IC_3 23601	53.58 5.27 -0.41	48.99 4.41 0.00	45.96 3.86 -0.06	44.98 3.67 0.00	45.91 3.79 0.00	53.30 4.19 -7.17	72.64 4.08 -0.54	79.36 5.08 -0.61	71.30 4.58 -0.27	64.49 5.49 0.00	62.26 5.66 0.00	60.28 6.36 0.00	59.00 6.36 -0.02	58.47 6.21 -0.02	61.48 6.38 -0.04	65.58 5.33 -5.34	76.88 6.30 -4.94	86.92 6.88 0.00	80.08 7.42 0.00	71.91 6.24 0.00	67.81 5.49 0.00	61.83 4.90 0.00	58.18 4.61 0.00	51.36 4.07 0.00
WALDENNY_12_KV_BK2 80841	44.94 -3.02 -0.06	43.02 -1.56 0.00	40.19 -1.85 -0.01	40.02 -1.28 0.00	40.73 -1.39 0.00	40.35 -2.60 -1.02	63.81 -4.29 -0.08	68.75 -5.01 -0.09	61.57 -4.92 -0.04	55.46 -3.54 0.00	52.92 -3.68 0.00	50.15 -3.77 0.00	48.46 -4.16 0.00	48.43 -3.81 0.00	51.04 -4.02 0.00	51.59 -4.23 -0.90	61.95 -4.53 -0.83	75.63 -4.40 0.00	68.81 -3.85 0.00	61.40 -4.27 0.00	58.71 -3.61 0.00	54.31 -2.62 0.00	52.34 -1.23 0.00	46.87 -0.43 0.00
WALDEN___HYDRO 24148	50.83 2.54 -0.39	46.81 2.23 0.00	44.20 2.10 -0.06	43.24 1.94 0.00	44.10 1.98 0.00	50.94 2.05 -6.96	71.95 3.40 -0.52	78.09 3.83 -0.59	70.37 3.65 -0.26	62.48 3.48 0.00	59.88 3.28 0.00	57.11 3.18 0.00	55.83 3.21 0.00	55.43 3.19 0.00	58.36 3.30 0.00	63.28 3.19 -5.17	74.24 3.81 -4.79	84.84 4.80 0.00	76.88 4.21 0.00	69.48 3.81 0.00	66.00 3.68 0.00	60.18 3.25 0.00	56.30 2.73 0.00	49.52 2.22 0.00
WARRENSBURG____ 23737	51.48 3.07 -0.52	47.56 2.99 0.00	44.93 2.82 -0.08	44.11 2.81 0.00	44.98 2.86 0.00	54.16 2.94 -9.30	73.68 4.97 -0.69	79.99 5.53 -0.80	71.65 4.85 -0.35	62.95 3.95 0.00	60.28 3.68 0.00	57.21 3.29 0.00	55.73 3.10 0.00	55.22 2.98 0.00	58.25 3.19 0.00	65.32 3.51 -6.88	76.35 4.33 -6.37	85.48 5.44 0.00	77.68 5.01 0.00	70.07 4.40 0.00	66.56 4.24 0.00	60.58 3.64 0.00	56.84 3.27 0.00	50.04 2.74 0.00
WATERSIDE___6 8 9 23538	51.61 3.30 -0.41	47.48 2.90 -0.01	44.88 2.77 -0.07	43.83 2.52 -0.01	44.74 2.61 -0.01	51.80 2.68 -7.18	72.71 4.15 -0.54	78.85 4.57 -0.61	71.12 4.39 -0.28	67.41 4.07 -4.34	61.38 4.19 -0.59	64.05 3.94 -6.19	63.95 3.95 -7.39	63.86 3.92 -7.70	63.86 3.96 -4.83	66.86 4.12 -7.82	75.31 4.73 -4.94	85.96 5.92 0.00	77.89 5.23 0.00	70.46 4.79 0.00	67.01 4.67 -0.01	61.05 4.10 -0.02	57.11 3.54 0.00	50.27 2.98 0.00
WATKINRD_115KV_LN8_ILLION 55919	49.14 1.25 0.00	45.78 1.20 0.00	43.17 1.13 0.00	42.42 1.12 0.00	43.30 1.18 0.00	43.06 1.13 0.00	69.86 1.84 0.00	75.73 2.06 0.00	68.24 1.79 0.00	60.59 1.59 0.00	58.12 1.53 0.00	55.43 1.51 0.00	54.04 1.42 0.00	53.65 1.41 0.00	56.55 1.49 0.00	56.34 1.43 0.00	67.28 1.64 0.00	82.04 2.00 0.00	74.41 1.74 0.00	67.24 1.58 0.00	63.82 1.50 0.00	58.30 1.37 0.00	54.86 1.29 0.00	48.43 1.14 0.00

WDELAWARE___HYD 323627	50.56 2.30 -0.37	46.58 2.01 0.00	43.99 1.89 -0.06	43.04 1.73 0.00	43.93 1.81 0.00	50.38 1.89 -6.56	71.78 3.27 -0.49	77.91 3.68 -0.56	70.08 3.39 -0.24	62.24 3.24 0.00	59.59 3.00 0.00	56.83 2.91 0.00	55.46 2.84 0.00	55.11 2.87 0.00	58.03 2.97 0.00	62.65 2.85 -4.88	73.63 3.48 -4.52	84.60 4.56 0.00	76.58 3.92 0.00	69.21 3.54 0.00	65.75 3.43 0.00	59.95 3.02 0.00	56.09 2.52 0.00	49.37 2.08 0.00
WEST BABYLON___IC 23714	53.48 5.17 -0.41	48.94 4.37 0.00	45.97 3.87 -0.06	44.94 3.63 0.00	45.91 3.79 0.00	53.26 4.15 -7.17	72.91 4.35 -0.54	79.59 5.30 -0.61	71.70 4.98 -0.27	64.49 5.49 0.00	61.97 5.38 0.00	60.02 6.09 0.00	59.00 6.37 -0.01	58.52 6.27 -0.01	61.40 6.33 0.00	65.91 5.66 -5.34	77.41 6.83 -4.94	87.88 7.84 0.00	80.58 7.92 0.00	72.50 6.83 0.00	68.56 6.23 0.00	62.28 5.35 0.00	58.55 4.98 0.00	51.64 4.35 0.00
WEST CANADA___HYD 24049	48.04 0.14 0.00	44.71 0.13 0.00	42.16 0.13 0.00	41.47 0.17 0.00	42.24 0.13 0.00	42.10 0.17 0.00	68.30 0.27 0.00	73.96 0.30 0.00	66.72 0.27 0.00	59.18 0.18 0.00	56.77 0.17 0.00	54.14 0.22 0.00	52.83 0.21 0.00	52.45 0.21 0.00	55.28 0.22 0.00	55.14 0.22 0.00	65.84 0.20 0.00	80.28 0.24 0.00	72.88 0.22 0.00	65.93 0.26 0.00	62.58 0.25 0.00	57.10 0.17 0.00	53.73 0.16 0.00	47.43 0.14 0.00
WESTERN_NY_WIND 24143	46.03 -1.92 -0.05	43.46 -1.11 0.00	40.66 -1.39 -0.01	40.60 -0.70 0.00	41.36 -0.76 0.00	41.22 -1.59 -0.88	65.51 -2.58 -0.07	70.87 -2.87 -0.08	62.96 -3.52 -0.03	56.58 -2.42 0.00	53.99 -2.60 0.00	51.17 -2.75 0.00	49.52 -3.10 0.00	49.42 -2.82 0.00	52.25 -2.81 0.00	52.83 -2.86 -0.77	63.46 -2.89 -0.71	76.83 -3.20 0.00	69.83 -2.83 0.00	62.38 -3.28 0.00	59.65 -2.68 0.00	55.00 -1.94 0.00	52.93 -0.64 0.00	47.34 0.05 0.00
WESTOVER___LESR 323668	47.84 -0.19 -0.13	44.75 0.18 0.00	42.14 0.08 -0.02	41.38 0.08 0.00	42.24 0.13 0.00	44.20 -0.13 -2.39	68.13 -0.07 -0.18	73.80 -0.07 -0.20	66.47 -0.07 -0.09	59.12 0.12 0.00	56.54 -0.06 0.00	53.82 -0.11 0.00	52.36 -0.26 0.00	52.08 -0.16 0.00	54.90 -0.17 0.00	56.10 -0.60 -1.79	66.84 -0.46 -1.66	80.04 0.00 0.00	72.66 0.00 0.00	65.54 -0.13 0.00	62.39 0.06 0.00	57.05 0.11 0.00	53.84 0.27 0.00	47.67 0.38 0.00
WETHRSFD_WT_PWR 323626	44.95 -3.02 -0.07	43.01 -1.56 0.00	40.32 -1.73 -0.01	39.65 -1.65 0.00	40.64 -1.48 0.00	40.42 -2.68 -1.18	63.76 -4.35 -0.09	70.09 -3.68 -0.10	61.65 -4.85 -0.04	55.22 -3.78 0.00	52.18 -4.41 0.00	49.45 -4.48 0.00	47.83 -4.79 0.00	47.75 -4.49 0.00	50.44 -4.62 0.00	51.68 -4.28 -1.04	62.14 -4.47 -0.97	76.04 -4.00 0.00	69.25 -3.41 0.00	62.06 -3.61 0.00	59.40 -2.93 0.00	54.83 -2.11 0.00	52.55 -1.02 0.00	46.91 -0.38 0.00
WHAVSTOR_138KV_BK127 55557	50.87 2.59 -0.39	46.85 2.27 0.00	44.24 2.14 -0.06	43.24 1.94 0.00	44.14 2.02 0.00	51.00 2.10 -6.97	71.95 3.40 -0.52	78.09 3.83 -0.60	70.37 3.65 -0.26	62.54 3.54 0.00	59.99 3.40 0.00	57.32 3.40 0.00	56.04 3.42 0.00	55.63 3.40 0.00	58.47 3.41 0.00	63.40 3.30 -5.18	74.38 3.94 -4.80	85.00 4.96 0.00	77.09 4.43 0.00	69.61 3.94 0.00	66.13 3.80 0.00	60.29 3.36 0.00	56.36 2.79 0.00	49.56 2.27 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.87 2.59 -0.39	46.85 2.27 0.00	44.24 2.14 -0.06	43.24 1.94 0.00	44.14 2.02 0.00	51.00 2.10 -6.97	71.95 3.40 -0.52	78.09 3.83 -0.60	70.37 3.65 -0.26	62.54 3.54 0.00	59.99 3.40 0.00	57.32 3.40 0.00	56.04 3.42 0.00	55.63 3.40 0.00	58.47 3.41 0.00	63.40 3.30 -5.18	74.38 3.94 -4.80	85.00 4.96 0.00	77.09 4.43 0.00	69.61 3.94 0.00	66.13 3.80 0.00	60.29 3.36 0.00	56.36 2.79 0.00	49.56 2.27 0.00
WHITEHAL_115KV_TB1 80871	52.34 3.93 -0.52	48.37 3.79 0.00	45.69 3.57 -0.08	44.85 3.55 0.00	45.74 3.62 0.00	54.95 3.73 -9.28	75.11 6.39 -0.69	81.61 7.15 -0.79	72.91 6.11 -0.35	63.90 4.90 0.00	61.12 4.53 0.00	57.97 4.04 0.00	56.36 3.74 0.00	55.90 3.66 0.00	58.97 3.91 0.00	66.13 4.34 -6.88	77.45 5.45 -6.37	87.08 7.04 0.00	79.20 6.54 0.00	71.45 5.78 0.00	67.81 5.48 0.00	61.60 4.67 0.00	57.80 4.23 0.00	50.84 3.55 0.00
WHITEPLN_13_KV_LOAD 356215	51.60 3.30 -0.40	47.52 2.94 0.00	44.92 2.82 -0.06	43.90 2.60 0.00	44.77 2.65 0.00	51.82 2.73 -7.16	73.12 4.56 -0.53	79.36 5.08 -0.61	71.57 4.85 -0.27	63.60 4.60 0.00	61.01 4.41 0.00	58.29 4.37 0.00	57.04 4.42 0.00	56.57 4.34 0.00	59.52 4.46 0.00	64.52 4.28 -5.32	75.75 5.19 -4.93	86.52 6.48 0.00	78.40 5.74 0.00	70.85 5.19 0.00	67.25 4.92 0.00	61.20 4.27 0.00	57.11 3.54 0.00	50.27 2.98 0.00
WM_FLOYD_69_KV_BK2 356380	53.43 5.12 -0.41	48.81 4.23 0.00	45.88 3.78 -0.06	44.85 3.55 0.00	45.82 3.71 0.00	53.17 4.07 -7.17	72.37 3.81 -0.54	79.14 4.86 -0.61	71.30 4.59 -0.27	64.31 5.31 0.00	61.80 5.21 0.00	59.86 5.93 0.00	58.90 6.26 -0.02	58.37 6.11 -0.02	61.38 6.28 -0.04	65.47 5.22 -5.34	76.75 6.17 -4.94	86.84 6.80 0.00	79.85 7.19 0.00	71.77 6.11 0.00	67.93 5.61 0.00	61.83 4.90 0.00	58.12 4.55 0.00	51.31 4.02 0.00
WOODARD___115KV_TB2 355635	47.02 -0.91 -0.04	43.77 -0.80 0.00	41.24 -0.80 -0.01	40.52 -0.78 0.00	41.36 -0.76 0.00	41.84 -0.75 -0.67	66.92 -1.16 -0.05	72.47 -1.25 -0.06	65.28 -1.20 -0.02	58.12 -0.89 0.00	55.69 -0.91 0.00	52.95 -0.97 0.00	51.67 -0.95 0.00	51.35 -0.89 0.00	54.13 -0.94 0.00	54.32 -1.10 -0.51	64.93 -1.18 -0.47	78.52 -1.52 0.00	71.28 -1.38 0.00	64.35 -1.31 0.00	61.08 -1.25 0.00	55.91 -1.02 0.00	52.71 -0.86 0.00	46.58 -0.71 0.00
WOODMERE_69_KV_BK1 55827	52.86 4.55 -0.41	48.41 3.83 0.00	45.55 3.45 -0.06	44.52 3.22 0.00	45.44 3.33 0.00	52.71 3.61 -7.17	72.44 3.88 -0.54	79.00 4.71 -0.61	71.24 4.52 -0.27	63.96 4.96 0.00	61.46 4.87 0.00	59.42 5.50 0.00	58.32 5.68 -0.01	57.79 5.54 -0.01	60.90 5.84 0.00	65.36 5.11 -5.34	76.69 6.10 -4.94	87.16 7.12 0.00	79.71 7.05 0.00	71.71 6.04 0.00	67.87 5.55 0.00	61.71 4.78 0.00	57.96 4.39 0.00	51.12 3.83 0.00
YORK___WARBASSE 23770	51.90 3.59 -0.41	47.75 3.16 -0.01	45.09 2.98 -0.07	44.08 2.77 -0.01	44.95 2.82 -0.01	52.01 2.89 -7.18	73.19 4.63 -0.54	79.29 5.01 -0.61	71.45 4.72 -0.28	67.09 3.78 -4.32	61.66 4.47 -0.59	63.74 3.67 -6.15	63.70 3.74 -7.35	63.55 3.66 -7.66	63.61 3.74 -4.81	67.19 4.45 -7.82	75.63 5.05 -4.94	86.44 6.40 0.00	78.33 5.67 0.00	70.85 5.19 0.00	67.52 5.17 -0.02	61.50 4.55 -0.02	57.54 3.96 0.00	50.65 3.36 0.00