

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																			--- Marginal Cost of Losses										--- Marginal Cost of Congestion										04/10/2025		
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	44.42	44.08	42.14	41.12	42.51	45.09	64.22	70.72	56.65	47.56	45.50	43.50	43.57	44.51	44.31	45.25	46.91	52.65	59.00	68.53	63.76	54.89	46.42	44.17																		
		2.19	2.10	1.89	1.92	2.06	2.23	4.20	5.30	3.56	2.99	2.78	2.73	2.58	2.48	2.59	2.68	2.90	3.44	3.81	5.08	4.50	3.54	2.71	2.42																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
74TH STREET_GT_1	24260	44.46	44.17	42.22	41.27	42.55	45.17	64.16	70.66	56.49	47.47	45.38	43.41	43.45	44.39	44.14	45.12	46.82	52.50	58.90	68.40	63.70	54.89	46.46	44.21																		
		2.24	2.18	1.97	2.08	2.10	2.31	4.14	5.23	3.40	2.90	2.65	2.65	2.46	2.35	2.42	2.55	2.82	3.30	3.70	4.95	4.44	3.54	2.75	2.46																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
74TH STREET_GT_2	24261	44.46	44.17	42.22	41.27	42.55	45.17	64.16	70.66	56.49	47.47	45.38	43.41	43.45	44.39	44.14	45.12	46.82	52.50	58.90	68.40	63.70	54.89	46.46	44.21																		
		2.24	2.18	1.97	2.08	2.10	2.31	4.14	5.23	3.40	2.90	2.65	2.65	2.46	2.35	2.42	2.55	2.82	3.30	3.70	4.95	4.44	3.54	2.75	2.46																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
ADK HUDSON___FALLS	24011	44.46	44.25	42.38	41.43	42.63	45.52	64.52	70.46	56.28	46.85	44.65	42.68	42.87	44.01	43.69	44.57	46.12	51.86	58.23	67.77	63.17	54.43	46.02	44.00																		
		2.24	2.27	2.13	2.23	2.18	2.66	4.50	5.04	3.19	2.27	1.92	1.92	1.89	1.98	1.96	2.00	2.11	2.66	3.04	4.31	3.91	3.08	2.32	2.25																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
ADK RESOURCE___RCVRY	23798	44.67	44.46	42.58	41.55	42.83	45.77	64.94	70.92	56.54	47.03	44.82	42.80	43.04	44.18	43.85	44.78	46.29	52.11	58.56	68.15	63.52	54.74	46.24	44.21																		
		2.45	2.48	2.33	2.35	2.39	2.92	4.92	5.50	3.45	2.45	2.09	2.04	2.05	2.14	2.13	2.21	2.29	2.90	3.37	4.70	4.27	3.39	2.53	2.46																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
ADK S GLENS___FALLS	24028	44.46	44.25	42.38	41.43	42.63	45.52	64.52	70.46	56.28	46.85	44.65	42.68	42.87	44.01	43.69	44.57	46.12	51.86	58.23	67.77	63.17	54.43	46.02	44.00																		
		2.24	2.27	2.13	2.23	2.18	2.66	4.50	5.04	3.19	2.27	1.92	1.92	1.89	1.98	1.96	2.00	2.11	2.66	3.04	4.31	3.91	3.08	2.32	2.25																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
ADK_NYS___DAM	23527	43.62	43.33	41.45	40.45	41.78	44.40	62.78	68.89	55.11	46.23	44.18	42.15	42.13	43.04	42.81	43.63	45.15	50.88	57.29	66.75	62.16	53.60	45.50	43.42																		
		1.39	1.34	1.21	1.25	1.33	1.54	2.76	3.47	2.02	1.65	1.45	1.39	1.15	1.01	1.08	1.06	1.14	1.67	2.10	3.30	2.90	2.26	1.79	1.67																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
AIR_PRODUCTS___DRP	24190	42.35	42.11	40.33	39.51	40.65	43.12	60.62	66.40	53.25	44.71	42.77	40.89	41.03	41.91	41.68	42.57	44.01	49.30	55.42	64.34	59.91	51.66	43.97	42.00																		
		0.13	0.13	0.08	0.31	0.20	0.26	0.60	0.98	0.16	0.13	0.04	0.12	0.04	-0.13	-0.04	0.00	0.00	0.10	0.22	0.89	0.65	0.31	0.26	0.25																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
AKWESSNE_115KV_BK	355683	42.27	42.15	40.37	39.35	40.44	42.90	59.42	64.31	52.99	44.58	42.68	40.64	40.99	42.08	41.77	42.57	44.01	49.01	54.98	62.37	58.48	51.04	43.66	41.75																		
		0.04	0.17	0.12	0.16	0.00	0.04	-0.60	-1.11	-0.11	0.00	-0.04	-0.12	0.00	0.04	0.04	0.00	0.00	-0.20	-0.22	-1.08	-0.77	-0.31	-0.04	0.00																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
ALBANY_1_SOLAR	323833	43.28	43.07	41.25	40.25	41.54	44.06	61.94	67.58	53.47	44.85	42.90	41.01	41.15	42.12	41.89	43.12	44.67	50.19	56.41	65.42	61.03	52.63	44.75	42.83																		
		1.06	1.09	1.01	1.06	1.09	1.20	1.92	2.16	0.37	0.27	0.17	0.25	0.16	0.08	0.17	0.55	0.66	0.98	1.21	1.97	1.78	1.28	1.05	1.08																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
ALBANY_2_SOLAR	323834	43.24	43.03	41.25	40.25	41.54	44.06	61.94	67.58	53.47	44.85	42.90	41.01	41.15	42.12	41.89	43.12	44.67	50.19	56.41	65.42	61.03	52.63	44.71	42.79																		
		1.01	1.05	1.01	1.06	1.09	1.20	1.92	2.16	0.37	0.27	0.17	0.25	0.16	0.08	0.17	0.55	0.66	0.98	1.21	1.97	1.78	1.28	1.01	1.04																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		
ALBANY___1	23571	42.35	42.11	40.33	39.51	40.65	43.12	60.62	66.40	53.25	44.71	42.77	40.89	41.03	41.91	41.68	42.57	44.01	49.30	55.42	64.34	59.91	51.66	43.97	42.00																		
		0.13	0.13	0.08	0.31	0.20	0.26	0.60	0.98	0.16	0.13	0.04	0.12	0.04	-0.13	-0.04	0.00	0.00	0.10	0.22	0.89	0.65	0.31	0.26	0.25																		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																		

ALBANY___2 23572	42.35 0.13 0.00	42.11 0.13 0.00	40.33 0.08 0.00	39.51 0.31 0.00	40.65 0.20 0.00	43.12 0.26 0.00	60.62 0.60 0.00	66.40 0.98 0.00	53.25 0.16 0.00	44.71 0.13 0.00	42.77 0.04 0.00	40.89 0.12 0.00	41.03 0.04 0.00	41.91 -0.13 0.00	41.68 -0.04 0.00	42.57 0.00 0.00	44.01 0.00 0.00	49.30 0.10 0.00	55.42 0.22 0.00	64.34 0.89 0.00	59.91 0.65 0.00	51.66 0.31 0.00	43.97 0.26 0.00	42.00 0.25 0.00
ALBANY___3 23573	42.35 0.13 0.00	42.11 0.13 0.00	40.33 0.08 0.00	39.51 0.31 0.00	40.65 0.20 0.00	43.12 0.26 0.00	60.62 0.60 0.00	66.40 0.98 0.00	53.25 0.16 0.00	44.71 0.13 0.00	42.77 0.04 0.00	40.89 0.12 0.00	41.03 0.04 0.00	41.91 -0.13 0.00	41.68 -0.04 0.00	42.57 0.00 0.00	44.01 0.00 0.00	49.30 0.10 0.00	55.42 0.22 0.00	64.34 0.89 0.00	59.91 0.65 0.00	51.66 0.31 0.00	43.97 0.26 0.00	42.00 0.25 0.00
ALBANY___4 23574	42.35 0.13 0.00	42.11 0.13 0.00	40.33 0.08 0.00	39.51 0.31 0.00	40.65 0.20 0.00	43.12 0.26 0.00	60.62 0.60 0.00	66.40 0.98 0.00	53.25 0.16 0.00	44.71 0.13 0.00	42.77 0.04 0.00	40.89 0.12 0.00	41.03 0.04 0.00	41.91 -0.13 0.00	41.68 -0.04 0.00	42.57 0.00 0.00	44.01 0.00 0.00	49.30 0.10 0.00	55.42 0.22 0.00	64.34 0.89 0.00	59.91 0.65 0.00	51.66 0.31 0.00	43.97 0.26 0.00	42.00 0.25 0.00
ALBANY___LFGE 323615	42.77 0.55 0.00	42.53 0.54 0.00	40.73 0.48 0.00	39.74 0.55 0.00	41.01 0.57 0.00	43.54 0.68 0.00	61.28 1.26 0.00	67.12 1.70 0.00	53.83 0.74 0.00	45.15 0.58 0.00	43.20 0.47 0.00	41.29 0.53 0.00	41.44 0.45 0.00	42.33 0.30 0.00	42.14 0.42 0.00	42.99 0.43 0.00	44.45 0.44 0.00	49.84 0.64 0.00	55.97 0.77 0.00	64.97 1.52 0.00	60.56 1.30 0.00	52.17 0.82 0.00	44.36 0.66 0.00	42.42 0.67 0.00
ALCOA_PA_115KV_PL-6C 55860	42.44 0.21 0.00	42.36 0.38 0.00	40.53 0.28 0.00	39.51 0.31 0.00	40.61 0.16 0.00	43.07 0.21 0.00	59.48 -0.54 0.00	64.24 -1.18 0.00	52.99 -0.11 0.00	44.71 0.13 0.00	42.81 0.09 0.00	40.72 -0.04 0.00	41.11 0.12 0.00	42.24 0.21 0.00	41.93 0.21 0.00	42.70 0.13 0.00	44.14 0.13 0.00	48.96 -0.25 0.00	54.98 -0.22 0.00	62.31 -1.14 0.00	58.48 -0.77 0.00	51.04 -0.31 0.00	43.80 0.09 0.00	41.87 0.13 0.00
ALCOA_RYNLDS___DRP 24188	42.44 0.21 0.00	42.36 0.38 0.00	40.53 0.28 0.00	39.51 0.31 0.00	40.61 0.16 0.00	43.07 0.21 0.00	59.48 -0.54 0.00	64.24 -1.18 0.00	52.99 -0.11 0.00	44.71 0.13 0.00	42.81 0.09 0.00	40.72 -0.04 0.00	41.11 0.12 0.00	42.24 0.21 0.00	41.93 0.21 0.00	42.70 0.13 0.00	44.14 0.13 0.00	48.96 -0.25 0.00	54.98 -0.22 0.00	62.31 -1.14 0.00	58.48 -0.77 0.00	51.04 -0.31 0.00	43.80 0.09 0.00	41.87 0.13 0.00
ALCOA___DSASP 323711	42.44 0.21 0.00	42.36 0.38 0.00	40.53 0.28 0.00	39.51 0.31 0.00	40.61 0.16 0.00	43.07 0.22 0.00	59.48 -0.54 0.00	64.25 -1.18 0.00	52.99 -0.11 0.00	44.71 0.13 0.00	42.81 0.09 0.00	40.72 -0.04 0.00	41.11 0.12 0.00	42.25 0.21 0.00	41.93 0.21 0.00	42.70 0.13 0.00	44.14 0.13 0.00	48.96 -0.24 0.00	54.98 -0.22 0.00	62.31 -1.14 0.00	58.48 -0.77 0.00	51.04 -0.31 0.00	43.80 0.09 0.00	41.88 0.13 0.00
ALLEGHENY___COGEN 23514	43.58 1.35 0.00	42.82 0.84 0.00	41.25 1.01 0.00	39.74 0.55 0.00	41.21 0.77 0.00	43.89 1.03 0.00	61.52 1.50 0.00	66.01 0.59 0.00	53.57 0.48 0.00	44.44 -0.13 0.00	42.64 -0.09 0.00	40.48 -0.28 0.00	40.87 -0.12 0.00	42.20 0.17 0.00	41.77 0.04 0.00	42.83 0.26 0.00	44.32 0.31 0.00	49.94 0.74 0.00	56.19 0.99 0.00	64.91 1.46 0.00	61.03 1.78 0.00	52.78 1.44 0.00	44.98 1.27 0.00	42.83 1.08 0.00
ALTAMONT_115KV_TB 2 55880	42.90 0.68 0.00	42.66 0.67 0.00	40.89 0.64 0.00	39.94 0.74 0.00	41.17 0.73 0.00	43.63 0.77 0.00	61.40 1.38 0.00	67.19 1.77 0.00	53.99 0.90 0.00	45.29 0.71 0.00	43.28 0.56 0.00	41.34 0.57 0.00	41.48 0.49 0.00	42.41 0.38 0.00	42.18 0.46 0.00	43.08 0.51 0.00	44.58 0.57 0.00	49.99 0.79 0.00	56.14 0.94 0.00	65.10 1.65 0.00	60.68 1.42 0.00	52.37 1.03 0.00	44.49 0.79 0.00	42.50 0.75 0.00
ALTONA_WT_PWR 323606	42.31 0.08 0.00	42.28 0.30 0.00	40.53 0.28 0.00	39.59 0.39 0.00	40.77 0.32 0.00	43.41 0.56 0.00	60.44 0.42 0.00	65.29 -0.13 0.00	54.10 1.01 0.00	45.42 0.84 0.00	43.45 0.73 0.00	41.29 0.53 0.00	41.73 0.74 0.00	42.83 0.80 0.00	42.48 0.75 0.00	43.29 0.72 0.00	44.75 0.75 0.00	49.84 0.64 0.00	55.97 0.77 0.00	63.32 -0.13 0.00	59.55 0.30 0.00	51.86 0.51 0.00	44.27 0.57 0.00	42.29 0.54 0.00
AMERICAN_REF_FUEL 24010	40.33 -1.90 0.00	39.42 -2.56 0.00	37.87 -2.37 0.00	36.57 -2.63 0.00	37.98 -2.47 0.00	40.33 -2.53 0.00	55.70 -4.32 0.00	59.73 -5.69 0.00	49.53 -3.56 0.00	41.86 -2.72 0.00	40.63 -2.09 0.00	39.01 -1.75 0.00	39.51 -1.47 0.00	40.61 -1.43 0.00	40.01 -1.71 0.00	40.91 -1.66 0.00	42.07 -1.94 0.00	46.55 -2.66 0.00	51.44 -3.76 0.00	58.57 -4.88 0.00	55.29 -3.97 0.00	48.37 -2.98 0.00	41.48 -2.23 0.00	39.70 -2.04 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.31 0.08 0.00	41.31 -0.67 0.00	39.64 -0.60 0.00	38.18 -1.02 0.00	39.68 -0.77 0.00	42.22 -0.64 0.00	58.76 -1.26 0.00	63.26 -2.16 0.00	52.03 -1.06 0.00	43.86 -0.71 0.00	42.38 -0.34 0.00	40.85 0.08 0.00	41.40 0.41 0.00	42.54 0.51 0.00	41.85 0.13 0.00	42.78 0.21 0.00	44.01 0.00 0.00	48.91 -0.29 0.00	54.31 -0.89 0.00	61.87 -1.58 0.00	58.37 -0.89 0.00	50.83 -0.51 0.00	43.40 -0.30 0.00	41.46 -0.29 0.00
ARTHUR KILL_GT_1 23520	56.18 2.49 -11.46	56.22 2.48 -11.76	55.51 2.17 -13.09	55.51 2.19 -14.12	56.21 2.30 -13.46	56.22 2.48 -10.88	63.99 3.96 -0.01	70.39 4.97 0.00	61.11 3.08 -4.94	60.29 2.54 -13.18	59.75 2.35 -14.67	59.74 2.28 -16.69	59.78 2.17 -16.62	59.78 2.06 -15.69	59.74 2.13 -15.89	59.79 2.25 -14.96	60.58 2.51 -14.07	61.10 3.00 -8.89	66.53 3.37 -7.96	68.41 4.95 -0.01	63.71 4.45 -0.01	68.86 3.34 -14.17	59.79 2.76 -13.33	56.95 2.55 -12.66
ARTHUR_KILL_2 23512	56.09 2.41 -11.46	56.09 2.35 -11.76	55.39 2.05 -13.09	55.39 2.08 -14.12	56.09 2.18 -13.46	56.09 2.36 -10.88	63.81 3.78 -0.01	70.20 4.77 0.00	60.95 2.92 -4.94	60.16 2.41 -13.18	59.66 2.26 -14.67	59.66 2.20 -16.69	59.66 2.05 -16.62	59.66 1.93 -15.69	59.66 2.04 -15.89	59.66 2.13 -14.96	60.45 2.37 -14.07	60.95 2.85 -8.89	66.36 3.20 -7.96	68.22 4.76 -0.01	63.53 4.27 -0.01	68.70 3.18 -14.17	59.66 2.62 -13.33	56.87 2.46 -12.66
ARTHUR_KILL_3 23513	55.53 1.86 -11.45	55.54 1.80 -11.75	54.90 1.57 -13.08	54.91 1.61 -14.11	55.64 1.74 -13.45	55.61 1.88 -10.87	63.50 3.48 0.00	69.87 4.45 0.00	60.89 2.86 -4.93	60.15 2.41 -13.17	59.69 2.31 -14.66	59.69 2.24 -16.69	59.65 2.05 -16.61	59.65 1.93 -15.68	59.65 2.04 -15.88	59.65 2.13 -14.96	60.40 2.33 -14.06	60.89 2.80 -8.88	66.30 3.14 -7.95	67.70 4.25 0.00	63.05 3.80 0.00	68.54 3.03 -14.16	59.39 2.36 -13.32	56.49 2.09 -12.65

ARTHUR_KILL_COGEN 323718	56.18 2.49 -11.46	56.22 2.48 -11.76	55.51 2.17 -13.09	55.51 2.19 -14.12	56.21 2.30 -13.46	56.22 2.48 -10.88	63.99 3.96 -0.01	70.39 4.97 0.00	61.11 3.08 -4.94	60.29 2.54 -13.18	59.75 2.35 -14.67	59.74 2.28 -16.69	59.78 2.17 -16.62	59.78 2.06 -15.69	59.74 2.13 -15.89	59.79 2.25 -14.96	60.58 2.51 -14.07	61.10 3.00 -8.89	66.53 3.37 -7.96	68.41 4.95 -0.01	63.71 4.45 -0.01	68.86 3.34 -14.17	59.79 2.76 -13.33	56.95 2.55 -12.66
ASHOKAN____ 23654	43.79 1.56 0.00	43.54 1.55 0.00	41.65 1.41 0.00	40.60 1.41 0.00	41.98 1.54 0.00	44.40 1.54 0.00	63.08 3.06 0.00	68.56 3.14 0.00	54.95 1.86 0.00	45.69 1.11 0.00	43.58 0.85 0.00	41.42 0.65 0.00	41.60 0.62 0.00	42.46 0.42 0.00	42.31 0.58 0.00	43.16 0.60 0.00	44.84 0.83 0.00	50.44 1.23 0.00	56.74 1.54 0.00	66.18 2.73 0.00	61.51 2.25 0.00	52.78 1.44 0.00	44.93 1.22 0.00	43.05 1.30 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.22 1.99 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.01 1.80 -0.01	42.35 1.90 -0.01	44.88 2.01 -0.01	63.55 3.54 0.01	69.99 4.58 0.01	56.05 2.97 0.01	47.06 2.49 0.01	45.07 2.35 0.01	43.04 2.28 0.01	43.11 2.13 0.01	44.04 2.02 0.01	43.84 2.13 0.01	44.77 2.21 0.01	46.46 2.46 0.01	52.10 2.90 0.01	58.44 3.26 0.01	67.88 4.44 0.01	63.22 3.97 0.01	54.52 3.18 0.01	46.16 2.45 -0.01	43.93 2.17 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	44.22 1.99 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.01 1.80 -0.01	42.35 1.90 -0.01	44.88 2.01 -0.01	63.55 3.54 0.01	69.99 4.58 0.01	56.05 2.97 0.01	47.06 2.49 0.01	45.07 2.35 0.01	43.04 2.28 0.01	43.11 2.13 0.01	44.04 2.02 0.01	43.84 2.13 0.01	44.77 2.21 0.01	46.46 2.46 0.01	52.10 2.90 0.01	58.44 3.26 0.01	67.88 4.44 0.01	63.22 3.97 0.01	54.52 3.18 0.01	46.16 2.45 -0.01	43.93 2.17 -0.01
ASTORIA_GT2_1 24094	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT2_2 24095	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT2_3 24096	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT2_4 24097	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT3_1 24098	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT3_2 24099	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT3_3 24100	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT3_4 24101	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT4_1 24102	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT4_2 24103	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT4_3 24104	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01

ASTORIA_GT4_4 24105	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.12 1.92 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.68 3.66 0.00	70.20 4.78 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.12 2.36 0.01	43.19 2.21 0.01	44.09 2.06 0.01	43.89 2.17 0.01	44.82 2.26 0.01	46.55 2.55 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.89 4.44 0.00	63.22 3.97 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	43.97 2.21 -0.01
ASTORIA_GT_1 23523	44.35 2.11 -0.01	44.05 2.06 -0.01	42.07 1.81 -0.01	41.05 1.84 -0.01	42.43 1.98 -0.01	44.97 2.10 -0.01	63.67 3.66 0.01	70.19 4.77 0.01	56.22 3.13 0.01	47.20 2.63 0.01	45.20 2.48 0.01	43.16 2.40 0.01	43.23 2.25 0.01	44.13 2.10 0.01	43.93 2.21 0.01	44.90 2.34 0.01	46.55 2.55 0.01	52.25 3.05 0.01	58.56 3.37 0.01	68.07 4.63 0.01	63.39 4.15 0.01	54.63 3.29 0.01	46.29 2.58 -0.01	44.05 2.29 -0.01
ASTORIA_GT_10 24110	44.47 2.24 -0.01	44.18 2.18 -0.01	42.23 1.97 -0.01	41.32 2.12 -0.01	42.60 2.14 -0.01	45.57 2.31 -0.40	64.04 4.02 0.00	70.59 5.17 0.00	60.99 3.34 -4.56	60.28 2.85 -12.85	59.43 2.61 -14.10	60.27 2.61 -16.90	60.98 2.42 -17.58	60.98 2.31 -16.64	60.94 2.38 -16.84	60.98 2.51 -15.90	61.78 2.77 -15.00	61.69 3.20 -9.29	60.25 3.64 -1.41	68.21 4.76 0.00	63.81 4.27 -0.29	59.48 3.49 -4.64	48.58 2.75 -2.12	44.68 2.46 -0.47
ASTORIA_GT_11 24225	44.47 2.24 -0.01	44.18 2.18 -0.01	42.23 1.97 -0.01	41.32 2.12 -0.01	42.60 2.14 -0.01	45.57 2.31 -0.40	64.04 4.02 0.00	70.59 5.17 0.00	60.99 3.34 -4.56	60.28 2.85 -12.85	59.43 2.61 -14.10	60.27 2.61 -16.90	60.98 2.42 -17.58	60.98 2.31 -16.64	60.94 2.38 -16.84	60.98 2.51 -15.90	61.78 2.77 -15.00	61.69 3.20 -9.29	60.25 3.64 -1.41	68.21 4.76 0.00	63.81 4.27 -0.29	59.48 3.49 -4.64	48.58 2.75 -2.12	44.68 2.46 -0.47
ASTORIA_GT_12 24226	44.47 2.24 -0.01	44.18 2.18 -0.01	42.23 1.97 -0.01	41.32 2.12 -0.01	42.60 2.14 -0.01	45.57 2.31 -0.40	64.04 4.02 0.00	70.59 5.17 0.00	60.99 3.34 -4.56	60.28 2.85 -12.85	59.43 2.61 -14.10	60.27 2.61 -16.90	60.98 2.42 -17.58	60.98 2.31 -16.64	60.94 2.38 -16.84	60.98 2.51 -15.90	61.78 2.77 -15.00	61.69 3.20 -9.29	60.25 3.64 -1.41	68.21 4.76 0.00	63.81 4.27 -0.29	59.48 3.49 -4.64	48.58 2.75 -2.12	44.68 2.46 -0.47
ASTORIA_GT_13 24227	44.47 2.24 -0.01	44.18 2.18 -0.01	42.23 1.97 -0.01	41.32 2.12 -0.01	42.60 2.14 -0.01	45.57 2.31 -0.40	64.04 4.02 0.00	70.59 5.17 0.00	60.99 3.34 -4.56	60.28 2.85 -12.85	59.43 2.61 -14.10	60.27 2.61 -16.90	60.98 2.42 -17.58	60.98 2.31 -16.64	60.94 2.38 -16.84	60.98 2.51 -15.90	61.78 2.77 -15.00	61.69 3.20 -9.29	60.25 3.64 -1.41	68.21 4.76 0.00	63.81 4.27 -0.29	59.48 3.49 -4.64	48.58 2.75 -2.12	44.68 2.46 -0.47
ASTORIA_GT_5 24106	44.30 2.07 -0.01	44.05 2.06 -0.01	42.11 1.85 -0.01	41.16 1.96 -0.01	42.43 1.98 -0.01	45.01 2.14 -0.01	63.80 3.78 0.00	70.33 4.91 0.00	56.27 3.19 0.01	47.29 2.72 0.01	45.20 2.48 0.01	43.20 2.45 0.01	43.23 2.25 0.01	44.17 2.14 0.01	43.93 2.21 0.01	44.90 2.34 0.01	46.64 2.64 0.01	52.25 3.05 0.01	58.61 3.42 0.01	68.02 4.57 0.00	63.34 4.09 0.01	54.68 3.34 0.01	46.29 2.58 -0.01	44.05 2.30 -0.01
ASTORIA_GT_7 24107	44.30 2.07 -0.01	44.05 2.06 -0.01	42.11 1.85 -0.01	41.16 1.96 -0.01	42.43 1.98 -0.01	45.01 2.14 -0.01	63.80 3.78 0.00	70.33 4.91 0.00	56.27 3.19 0.01	47.29 2.72 0.01	45.20 2.48 0.01	43.20 2.45 0.01	43.23 2.25 0.01	44.17 2.14 0.01	43.93 2.21 0.01	44.90 2.34 0.01	46.64 2.64 0.01	52.25 3.05 0.01	58.61 3.42 0.01	68.02 4.57 0.00	63.34 4.09 0.01	54.68 3.34 0.01	46.29 2.58 -0.01	44.05 2.30 -0.01
ASTORIA_GT_8 24108	44.30 2.07 -0.01	44.05 2.06 -0.01	42.11 1.85 -0.01	41.16 1.96 -0.01	42.43 1.98 -0.01	45.01 2.14 -0.01	63.80 3.78 0.00	70.33 4.91 0.00	56.27 3.19 0.01	47.29 2.72 0.01	45.20 2.48 0.01	43.20 2.45 0.01	43.23 2.25 0.01	44.17 2.14 0.01	43.93 2.21 0.01	44.90 2.34 0.01	46.64 2.64 0.01	52.25 3.05 0.01	58.61 3.42 0.01	68.02 4.57 0.00	63.34 4.09 0.01	54.68 3.34 0.01	46.29 2.58 -0.01	44.05 2.30 -0.01
ASTORIA___2 24149	44.26 2.03 -0.01	43.97 1.97 -0.01	42.02 1.77 -0.01	41.01 1.80 -0.01	42.35 1.90 -0.01	44.92 2.06 -0.01	63.55 3.54 0.01	70.06 4.65 0.01	56.11 3.02 0.01	47.11 2.54 0.01	45.11 2.39 0.01	43.08 2.32 0.01	43.15 2.17 0.01	44.04 2.02 0.01	43.84 2.13 0.01	44.81 2.25 0.01	46.46 2.46 0.01	52.15 2.95 0.01	58.44 3.26 0.01	67.95 4.51 0.01	63.28 4.03 0.01	54.52 3.18 0.01	46.21 2.49 -0.01	43.97 2.21 -0.01
ASTORIA___3 23516	44.51 2.28 -0.01	44.17 2.18 -0.01	42.23 1.97 -0.01	41.20 2.00 -0.01	42.59 2.14 -0.01	45.57 2.31 -0.40	63.98 3.96 0.00	70.39 4.97 0.00	60.94 3.29 -4.56	60.19 2.76 -12.85	59.43 2.61 -14.10	60.19 2.53 -16.90	60.94 2.38 -17.58	60.94 2.27 -16.64	60.94 2.38 -16.84	60.94 2.47 -15.90	61.69 2.68 -15.00	61.69 3.20 -9.29	60.19 3.59 -1.41	68.27 4.82 0.00	63.87 4.32 -0.29	59.43 3.44 -4.64	48.54 2.71 -2.12	44.68 2.46 -0.47
ASTORIA___4 23517	44.47 2.24 -0.01	44.18 2.18 -0.01	42.23 1.97 -0.01	41.32 2.12 -0.01	42.60 2.14 -0.01	45.57 2.31 -0.40	64.04 4.02 0.00	70.59 5.17 0.00	60.99 3.34 -4.56	60.28 2.85 -12.85	59.43 2.61 -14.10	60.27 2.61 -16.90	60.98 2.42 -17.58	60.98 2.31 -16.64	60.94 2.38 -16.84	60.98 2.51 -15.90	61.78 2.77 -15.00	61.69 3.20 -9.29	60.25 3.64 -1.41	68.21 4.76 0.00	63.81 4.27 -0.29	59.48 3.49 -4.64	48.58 2.75 -2.12	44.68 2.46 -0.47
ASTORIA___5 23518	44.51 2.28 -0.01	44.17 2.18 -0.01	42.23 1.97 -0.01	41.20 2.00 -0.01	42.59 2.14 -0.01	45.57 2.31 -0.40	63.98 3.96 0.00	70.39 4.97 0.00	60.94 3.29 -4.56	60.19 2.76 -12.85	59.43 2.61 -14.10	60.19 2.53 -16.90	60.94 2.38 -17.58	60.94 2.27 -16.64	60.94 2.38 -16.84	60.94 2.47 -15.90	61.69 2.68 -15.00	61.69 3.20 -9.29	60.19 3.59 -1.41	68.27 4.82 0.00	63.87 4.32 -0.29	59.43 3.44 -4.64	48.54 2.71 -2.12	44.68 2.46 -0.47
AST_ENERGY_2_CC3 323677	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.08 2.35 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00
AST_ENERGY_2_CC4 323678	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.08 2.35 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00

ATHENS_STG_1 23668	42.94 0.72 0.00	42.78 0.80 0.00	41.01 0.76 0.00	39.98 0.78 0.00	41.30 0.85 0.00	43.63 0.77 0.00	61.52 1.50 0.00	67.38 1.96 0.00	54.10 1.01 0.00	45.42 0.84 0.00	43.50 0.77 0.00	41.54 0.77 0.00	41.64 0.65 0.00	42.58 0.55 0.00	42.35 0.63 0.00	43.25 0.68 0.00	44.75 0.75 0.00	50.14 0.93 0.00	56.30 1.10 0.00	65.35 1.90 0.00	60.86 1.60 0.00	52.48 1.13 0.00	44.63 0.92 0.00	42.58 0.83 0.00
ATHENS_STG_2 23670	42.94 0.72 0.00	42.78 0.80 0.00	41.01 0.76 0.00	39.98 0.78 0.00	41.30 0.85 0.00	43.63 0.77 0.00	61.52 1.50 0.00	67.38 1.96 0.00	54.10 1.01 0.00	45.42 0.84 0.00	43.50 0.77 0.00	41.54 0.77 0.00	41.64 0.65 0.00	42.58 0.55 0.00	42.35 0.63 0.00	43.25 0.68 0.00	44.75 0.75 0.00	50.14 0.93 0.00	56.30 1.10 0.00	65.35 1.90 0.00	60.86 1.60 0.00	52.48 1.13 0.00	44.63 0.92 0.00	42.58 0.83 0.00
ATHENS_STG_3 23677	42.94 0.72 0.00	42.78 0.80 0.00	41.01 0.76 0.00	39.98 0.78 0.00	41.30 0.85 0.00	43.63 0.77 0.00	61.52 1.50 0.00	67.38 1.96 0.00	54.10 1.01 0.00	45.42 0.84 0.00	43.50 0.77 0.00	41.54 0.77 0.00	41.64 0.65 0.00	42.58 0.55 0.00	42.35 0.63 0.00	43.25 0.68 0.00	44.75 0.75 0.00	50.14 0.93 0.00	56.30 1.10 0.00	65.35 1.90 0.00	60.86 1.60 0.00	52.48 1.13 0.00	44.63 0.92 0.00	42.58 0.83 0.00
AUBURN___LFGE 323710	42.44 0.21 0.00	42.07 0.08 0.00	40.33 0.08 0.00	39.08 -0.12 0.00	40.49 0.04 0.00	43.03 0.17 0.00	60.38 0.36 0.00	65.62 0.20 0.00	53.41 0.32 0.00	44.71 0.13 0.00	42.98 0.26 0.00	41.01 0.24 0.00	41.32 0.33 0.00	42.54 0.50 0.00	42.14 0.42 0.00	42.99 0.43 0.00	44.40 0.40 0.00	49.65 0.44 0.00	55.58 0.39 0.00	63.96 0.51 0.00	59.79 0.53 0.00	51.66 0.31 0.00	43.88 0.17 0.00	41.92 0.17 0.00
BABYLON_RES_REC 323704	44.81 2.58 -0.01	44.60 2.60 -0.01	42.59 2.33 -0.01	41.51 2.31 0.00	43.08 2.63 -0.01	45.61 2.75 -0.01	64.84 4.56 -0.26	78.20 5.24 -7.54	55.80 2.71 0.00	46.89 2.32 0.00	44.82 2.09 0.00	42.88 2.12 0.00	42.22 1.23 0.00	43.46 1.43 0.00	43.99 2.25 -0.01	45.00 2.43 -0.01	46.66 2.64 -0.01	52.17 2.95 -0.01	58.52 3.31 -0.01	72.07 4.89 -3.73	63.59 4.32 -0.01	54.80 3.44 -0.01	50.47 2.93 -3.83	46.83 2.84 -2.24
BABYLON__69_KV_BK2 356345	45.28 3.04 -0.01	45.10 3.11 -0.01	42.99 2.74 -0.01	41.98 2.78 0.00	43.49 3.03 -0.01	46.13 3.26 -0.01	65.79 5.52 -0.25	79.22 6.41 -7.39	56.81 3.72 0.00	47.92 3.34 0.00	45.59 2.86 0.00	43.70 2.94 0.00	42.87 1.89 0.00	44.18 2.14 0.00	44.53 2.80 -0.01	45.56 2.98 -0.01	47.32 3.30 -0.01	52.86 3.64 -0.01	59.40 4.19 -0.01	73.13 6.03 -3.65	64.66 5.39 -0.01	55.62 4.26 -0.01	51.04 3.58 -3.75	47.32 3.38 -2.19
BALL_HILL_WT_PWR 323825	41.85 -0.38 0.00	40.94 -1.05 0.00	39.32 -0.92 0.00	37.90 -1.29 0.00	39.44 -1.01 0.00	41.87 -0.98 0.00	58.16 -1.86 0.00	62.54 -2.88 0.00	51.61 -1.49 0.00	43.51 -1.07 0.00	42.13 -0.60 0.00	40.48 -0.28 0.00	40.99 0.00 0.00	42.12 0.08 0.00	41.48 -0.25 0.00	42.36 -0.21 0.00	43.61 -0.40 0.00	48.42 -0.79 0.00	53.65 -1.55 0.00	61.10 -2.35 0.00	57.71 -1.54 0.00	50.27 -1.08 0.00	42.96 -0.74 0.00	41.12 -0.63 0.00
BARON_WINDS___WT_PWR 323822	42.18 -0.04 0.00	41.52 -0.46 0.00	39.80 -0.44 0.00	38.45 -0.75 0.00	39.84 -0.61 0.00	42.30 -0.56 0.00	59.12 -0.90 0.00	63.72 -1.70 0.00	52.14 -0.95 0.00	43.73 -0.85 0.00	42.13 -0.60 0.00	40.15 -0.61 0.00	40.50 -0.49 0.00	41.74 -0.29 0.00	41.18 -0.54 0.00	42.18 -0.38 0.00	43.52 -0.48 0.00	48.56 -0.64 0.00	54.21 -0.99 0.00	62.06 -1.40 0.00	58.25 -1.01 0.00	50.42 -0.92 0.00	43.01 -0.70 0.00	41.12 -0.63 0.00
BARRETT_IC_1 23704	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT_IC_10 23701	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT_IC_11 23702	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT_IC_12 23703	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT_IC_2 23705	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT_IC_3 23706	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT_IC_4 23707	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07

BARRETT_IC_5 23708	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT_IC_6 23709	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT_IC_7 23710	44.43 2.20 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.39 2.19 0.00	42.76 2.31 -0.01	45.18 2.31 -0.01	63.86 3.60 -0.24	76.79 4.38 -6.98	55.91 2.81 0.00	47.16 2.59 0.00	44.91 2.18 0.00	43.01 2.24 0.00	42.51 1.52 0.00	43.72 1.68 0.00	43.90 2.17 -0.01	44.79 2.21 -0.01	46.39 2.38 -0.01	51.82 2.61 -0.01	58.08 2.87 -0.01	70.77 3.87 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.70 2.45 -3.55	46.08 2.25 -2.07
BARRETT_IC_8 23711	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT_IC_9 23700	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT___1 23545	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BARRETT___2 23546	44.43 2.19 -0.01	44.18 2.18 -0.01	42.31 2.05 -0.01	41.27 2.08 0.00	42.76 2.30 -0.01	45.18 2.31 -0.01	63.92 3.66 -0.24	76.79 4.38 -6.98	55.54 2.44 0.00	46.76 2.18 0.00	44.69 1.97 0.00	42.72 1.96 0.00	42.26 1.27 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.75 2.17 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.02 2.81 -0.01	70.71 3.81 -3.45	62.82 3.56 -0.01	54.33 2.98 -0.01	49.66 2.40 -3.55	46.07 2.25 -2.07
BATAVIA__115KV_TB1 55881	41.97 -0.25 0.00	41.10 -0.88 0.00	39.52 -0.72 0.00	37.51 -1.69 0.00	39.60 -0.85 0.00	42.00 -0.86 0.00	58.34 -1.68 0.00	62.48 -2.94 0.00	51.92 -1.17 0.00	43.51 -1.07 0.00	42.34 -0.38 0.00	40.44 -0.33 0.00	41.15 0.16 0.00	42.37 0.34 0.00	41.77 0.04 0.00	42.61 0.04 0.00	43.65 -0.35 0.00	48.71 -0.49 0.00	54.15 -1.05 0.00	61.55 -1.90 0.00	58.01 -1.24 0.00	50.63 -0.72 0.00	43.18 -0.52 0.00	41.42 -0.33 0.00
BAYONEEC___CTG1 323682	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00
BAYONEEC___CTG10 323750	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00
BAYONEEC___CTG2 323683	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00
BAYONEEC___CTG3 323684	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00
BAYONEEC___CTG4 323685	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00
BAYONEEC___CTG5 323686	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00
BAYONEEC___CTG6 323687	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00

BAYONEEC___CTG7 323688	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00
BAYONEEC___CTG8 323689	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00
BAYONEEC___CTG9 323749	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.15 2.45 0.00	43.92 2.17 0.00
BEACON___LESR 323632	43.07 0.84 0.00	42.82 0.84 0.00	41.01 0.76 0.00	40.02 0.82 0.00	41.30 0.85 0.00	43.89 1.03 0.00	61.82 1.80 0.00	67.65 2.23 0.00	54.26 1.17 0.00	45.47 0.89 0.00	43.45 0.73 0.00	41.54 0.77 0.00	41.68 0.70 0.00	42.62 0.59 0.00	42.39 0.67 0.00	43.29 0.72 0.00	44.75 0.75 0.00	50.24 1.03 0.00	56.41 1.21 0.00	65.48 2.03 0.00	61.03 1.78 0.00	52.58 1.23 0.00	44.67 0.96 0.00	42.67 0.92 0.00
BEAVER RIVER___HYD 24048	42.18 -0.04 0.00	42.07 0.08 0.00	40.29 0.04 0.00	39.20 0.00 0.00	40.44 0.00 0.00	43.12 0.26 0.00	60.56 0.54 0.00	65.16 -0.26 0.00	52.46 -0.63 0.00	43.86 -0.71 0.00	42.34 -0.39 0.00	40.23 -0.53 0.00	40.54 -0.45 0.00	41.78 -0.25 0.00	41.43 -0.29 0.00	42.18 -0.38 0.00	43.30 -0.71 0.00	48.37 -0.84 0.00	54.48 -0.72 0.00	62.69 -0.76 0.00	58.66 -0.59 0.00	50.63 -0.72 0.00	43.10 -0.61 0.00	41.08 -0.67 0.00
BEEBEE_GT_13 23619	41.93 -0.30 0.00	41.31 -0.67 0.00	39.68 -0.56 0.00	38.02 -1.18 0.00	39.76 -0.69 0.00	42.17 -0.69 0.00	58.88 -1.14 0.00	63.52 -1.90 0.00	52.35 -0.74 0.00	43.95 -0.62 0.00	42.60 -0.13 0.00	40.64 -0.12 0.00	41.19 0.20 0.00	42.41 0.38 0.00	41.89 0.17 0.00	42.78 0.21 0.00	43.92 -0.09 0.00	49.01 -0.20 0.00	54.59 -0.61 0.00	62.31 -1.14 0.00	58.48 -0.77 0.00	50.83 -0.51 0.00	43.31 -0.39 0.00	41.46 -0.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	56.39 2.70 -11.46	56.39 2.65 -11.76	55.75 2.41 -13.09	55.82 2.51 -14.12	56.46 2.55 -13.46	56.48 2.74 -10.88	64.71 4.68 -0.01	71.31 5.89 0.00	66.23 3.82 -9.31	73.33 3.21 -25.55	73.91 2.95 -28.23	76.64 2.89 -32.98	77.33 2.75 -33.59	76.44 2.65 -31.76	76.59 2.71 -32.15	75.74 2.85 -30.32	75.73 3.17 -28.55	104.12 3.64 -51.27	68.41 4.14 -9.07	69.03 5.52 -0.06	66.32 4.98 -2.09	87.93 3.95 -32.63	61.86 3.19 -14.96	57.33 2.92 -12.66
BETHLEHEM___GRP 23843	42.35 0.13 0.00	42.11 0.13 0.00	40.33 0.08 0.00	39.51 0.31 0.00	40.65 0.20 0.00	43.12 0.26 0.00	60.62 0.60 0.00	66.40 0.98 0.00	53.25 0.16 0.00	44.71 0.13 0.00	42.77 0.04 0.00	40.89 0.12 0.00	41.03 0.04 0.00	41.91 -0.13 0.00	41.68 -0.04 0.00	42.57 0.00 0.00	44.01 0.00 0.00	49.30 0.10 0.00	55.42 0.22 0.00	64.34 0.89 0.00	59.91 0.65 0.00	51.66 0.31 0.00	43.97 0.26 0.00	42.00 0.25 0.00
BETHLEHEM___GS1 323560	42.35 0.13 0.00	42.11 0.13 0.00	40.33 0.08 0.00	39.39 0.20 0.00	40.65 0.20 0.00	43.07 0.22 0.00	60.56 0.54 0.00	66.34 0.92 0.00	53.25 0.16 0.00	44.71 0.13 0.00	42.77 0.04 0.00	40.89 0.12 0.00	41.03 0.04 0.00	41.91 -0.13 0.00	41.68 -0.04 0.00	42.57 0.00 0.00	44.01 0.00 0.00	49.30 0.10 0.00	55.42 0.22 0.00	64.27 0.82 0.00	59.91 0.65 0.00	51.66 0.31 0.00	43.93 0.22 0.00	42.00 0.25 0.00
BETHLEHEM___GS2 323561	42.35 0.13 0.00	42.11 0.13 0.00	40.33 0.08 0.00	39.39 0.20 0.00	40.65 0.20 0.00	43.07 0.22 0.00	60.56 0.54 0.00	66.34 0.92 0.00	53.25 0.16 0.00	44.71 0.13 0.00	42.77 0.04 0.00	40.89 0.12 0.00	41.03 0.04 0.00	41.91 -0.13 0.00	41.68 -0.04 0.00	42.57 0.00 0.00	44.01 0.00 0.00	49.30 0.10 0.00	55.42 0.22 0.00	64.27 0.82 0.00	59.91 0.65 0.00	51.66 0.31 0.00	43.93 0.22 0.00	42.00 0.25 0.00
BETHLEHEM___GS3 323562	42.35 0.13 0.00	42.11 0.13 0.00	40.33 0.08 0.00	39.39 0.20 0.00	40.65 0.20 0.00	43.07 0.22 0.00	60.56 0.54 0.00	66.34 0.92 0.00	53.25 0.16 0.00	44.71 0.13 0.00	42.77 0.04 0.00	40.89 0.12 0.00	41.03 0.04 0.00	41.91 -0.13 0.00	41.68 -0.04 0.00	42.57 0.00 0.00	44.01 0.00 0.00	49.30 0.10 0.00	55.42 0.22 0.00	64.27 0.82 0.00	59.91 0.65 0.00	51.66 0.31 0.00	43.93 0.22 0.00	42.00 0.25 0.00
BETHLEHEM___STEEL 23779	41.64 -0.59 0.00	40.73 -1.26 0.00	39.04 -1.21 0.00	37.08 -2.12 0.00	39.19 -1.25 0.00	41.53 -1.33 0.00	57.44 -2.58 0.00	61.50 -3.93 0.00	51.23 -1.86 0.00	43.06 -1.52 0.00	42.00 -0.73 0.00	40.19 -0.57 0.00	40.91 -0.08 0.00	41.99 -0.04 0.00	41.39 -0.33 0.00	42.23 -0.34 0.00	43.17 -0.84 0.00	48.17 -1.03 0.00	53.32 -1.88 0.00	60.41 -3.05 0.00	57.12 -2.13 0.00	49.96 -1.39 0.00	42.57 -1.14 0.00	40.96 -0.79 0.00
BETHLHEM_115KV_TB1 79974	42.48 0.25 0.00	42.19 0.21 0.00	40.45 0.20 0.00	39.59 0.39 0.00	40.73 0.28 0.00	43.20 0.34 0.00	60.80 0.78 0.00	66.53 1.11 0.00	53.41 0.32 0.00	44.84 0.27 0.00	42.90 0.17 0.00	41.01 0.24 0.00	41.11 0.12 0.00	41.99 -0.04 0.00	41.77 0.04 0.00	42.65 0.09 0.00	44.14 0.13 0.00	49.45 0.25 0.00	55.53 0.33 0.00	64.47 1.02 0.00	60.08 0.83 0.00	51.81 0.46 0.00	44.06 0.35 0.00	42.08 0.33 0.00
BETHPAGE_CC_5 323564	44.77 2.53 -0.01	44.51 2.52 -0.01	42.55 2.29 -0.01	41.51 2.31 0.00	43.05 2.59 -0.01	45.53 2.66 -0.01	64.62 4.32 -0.27	78.46 5.04 -8.00	55.74 2.65 0.00	46.89 2.32 0.00	44.82 2.09 0.00	42.88 2.12 0.00	42.30 1.31 0.00	43.55 1.51 0.00	44.03 2.29 -0.01	45.00 2.43 -0.01	46.61 2.60 -0.01	52.12 2.90 -0.01	58.46 3.26 -0.01	72.03 4.63 -3.95	63.41 4.15 -0.01	54.69 3.34 -0.01	50.57 2.80 -4.06	46.80 2.67 -2.37
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.72 -0.51 0.00	40.81 -1.18 0.00	39.12 -1.13 0.00	37.16 -2.04 0.00	39.23 -1.21 0.00	41.62 -1.24 0.00	57.56 -2.46 0.00	61.63 -3.79 0.00	51.34 -1.75 0.00	43.15 -1.43 0.00	42.09 -0.64 0.00	40.28 -0.49 0.00	40.99 0.00 0.00	42.03 0.00 0.00	41.43 -0.29 0.00	42.31 -0.26 0.00	43.21 -0.79 0.00	48.27 -0.93 0.00	53.43 -1.77 0.00	60.53 -2.92 0.00	57.24 -2.01 0.00	50.01 -1.34 0.00	42.62 -1.09 0.00	41.00 -0.75 0.00

BINGHAMTON___COGEN 23790	42.48 0.25 0.00	42.11 0.13 0.00	40.41 0.16 0.00	39.12 -0.08 0.00	40.57 0.12 0.00	42.94 0.09 0.00	60.32 0.30 0.00	65.49 0.07 0.00	53.25 0.16 0.00	44.67 0.09 0.00	42.94 0.21 0.00	40.97 0.20 0.00	41.28 0.29 0.00	42.41 0.38 0.00	42.02 0.29 0.00	42.91 0.34 0.00	44.27 0.26 0.00	49.50 0.30 0.00	55.47 0.28 0.00	63.77 0.32 0.00	59.67 0.41 0.00	51.55 0.21 0.00	43.84 0.13 0.00	41.96 0.21 0.00
BIXINCNT_115KV_LOAD 355685	42.14 -0.08 0.00	41.15 -0.84 0.00	39.40 -0.85 0.00	37.43 -1.76 0.00	39.35 -1.09 0.00	41.79 -1.07 0.00	58.10 -1.92 0.00	62.22 -3.21 0.00	51.66 -1.43 0.00	43.42 -1.16 0.00	42.26 -0.47 0.00	40.40 -0.37 0.00	41.03 0.04 0.00	42.08 0.04 0.00	41.52 -0.21 0.00	42.40 -0.17 0.00	43.39 -0.62 0.00	48.52 -0.69 0.00	53.82 -1.38 0.00	61.04 -2.41 0.00	57.60 -1.66 0.00	50.11 -1.23 0.00	42.53 -1.18 0.00	40.87 -0.88 0.00
BLACK RIVER___HYD 24047	42.44 0.21 0.00	42.32 0.33 0.00	40.53 0.28 0.00	39.39 0.20 0.00	40.69 0.24 0.00	43.41 0.56 0.00	61.16 1.14 0.00	66.01 0.59 0.00	52.83 -0.26 0.00	44.09 -0.49 0.00	42.47 -0.25 0.00	40.32 -0.45 0.00	40.66 -0.33 0.00	41.91 -0.13 0.00	41.56 -0.17 0.00	42.36 -0.21 0.00	43.52 -0.48 0.00	48.76 -0.44 0.00	55.09 -0.11 0.00	63.71 0.25 0.00	59.67 0.42 0.00	51.35 0.00 0.00	43.58 -0.13 0.00	41.54 -0.21 0.00
BLACKRVR_115KV_TB2 79977	42.44 0.21 0.00	42.28 0.29 0.00	40.53 0.28 0.00	39.35 0.16 0.00	40.65 0.20 0.00	43.42 0.56 0.00	61.10 1.08 0.00	65.95 0.52 0.00	52.83 -0.27 0.00	44.09 -0.49 0.00	42.47 -0.26 0.00	40.32 -0.45 0.00	40.66 -0.33 0.00	41.91 -0.13 0.00	41.56 -0.17 0.00	42.36 -0.21 0.00	43.52 -0.48 0.00	48.76 -0.44 0.00	55.09 -0.11 0.00	63.71 0.25 0.00	59.55 0.30 0.00	51.35 0.00 0.00	43.58 -0.13 0.00	41.54 -0.21 0.00
BLISS_WT_PWR 323608	42.14 -0.08 0.00	41.19 -0.80 0.00	39.48 -0.77 0.00	37.98 -1.22 0.00	39.31 -1.13 0.00	41.96 -0.90 0.00	58.34 -1.68 0.00	62.68 -2.75 0.00	51.77 -1.33 0.00	43.64 -0.94 0.00	42.22 -0.51 0.00	40.56 -0.20 0.00	40.99 0.00 0.00	42.08 0.04 0.00	41.48 -0.25 0.00	42.40 -0.17 0.00	43.70 -0.31 0.00	48.52 -0.69 0.00	53.82 -1.38 0.00	61.29 -2.16 0.00	57.78 -1.48 0.00	50.11 -1.23 0.00	42.70 -1.00 0.00	40.79 -0.96 0.00
BLUESTONE___WT_PWR 323821	45.35 3.12 0.00	45.17 3.19 0.00	43.30 3.06 0.00	42.10 2.90 0.00	43.48 3.03 0.00	46.24 3.39 0.00	65.54 5.52 0.00	71.51 6.09 0.00	57.24 4.14 0.00	47.79 3.21 0.00	45.76 3.03 0.00	43.58 2.81 0.00	43.90 2.91 0.00	45.27 3.24 0.00	44.89 3.17 0.00	45.04 2.47 0.00	46.51 2.51 0.00	52.01 2.80 0.00	58.40 3.20 0.00	67.39 3.94 0.00	62.87 3.62 0.00	54.12 2.77 0.00	45.98 2.27 0.00	43.92 2.17 0.00
BLUE_CIRC_CHEM_DRP 24182	42.99 0.76 0.00	42.78 0.80 0.00	41.01 0.76 0.00	40.10 0.90 0.00	41.29 0.85 0.00	43.76 0.90 0.00	61.52 1.50 0.00	67.19 1.77 0.00	53.68 0.58 0.00	45.02 0.45 0.00	43.07 0.34 0.00	41.17 0.41 0.00	41.28 0.29 0.00	42.24 0.21 0.00	41.97 0.25 0.00	43.04 0.47 0.00	44.54 0.53 0.00	49.94 0.74 0.00	56.14 0.94 0.00	65.10 1.65 0.00	60.68 1.42 0.00	52.32 0.98 0.00	44.54 0.83 0.00	42.58 0.83 0.00
BOC_GAS_DRP 24189	42.73 0.51 0.00	42.49 0.50 0.00	40.73 0.48 0.00	39.78 0.59 0.00	41.01 0.57 0.00	43.42 0.56 0.00	61.10 1.08 0.00	66.93 1.50 0.00	53.73 0.64 0.00	45.11 0.53 0.00	43.20 0.47 0.00	41.25 0.49 0.00	41.36 0.37 0.00	42.29 0.25 0.00	42.06 0.33 0.00	42.95 0.38 0.00	44.45 0.44 0.00	49.80 0.59 0.00	55.91 0.72 0.00	64.85 1.40 0.00	60.44 1.19 0.00	52.12 0.77 0.00	44.36 0.66 0.00	42.33 0.58 0.00
BOONVILLE_115KV_TB1 79983	43.03 0.80 0.00	42.87 0.88 0.00	41.09 0.85 0.00	39.94 0.74 0.00	41.25 0.81 0.00	43.89 1.03 0.00	61.76 1.74 0.00	66.86 1.44 0.00	53.89 0.80 0.00	45.07 0.49 0.00	43.41 0.68 0.00	41.34 0.57 0.00	41.64 0.66 0.00	42.83 0.80 0.00	42.48 0.75 0.00	43.29 0.72 0.00	44.58 0.57 0.00	49.85 0.64 0.00	55.97 0.77 0.00	64.53 1.08 0.00	60.20 0.95 0.00	52.01 0.67 0.00	44.19 0.48 0.00	42.17 0.42 0.00
BORALEX_4TH_BRANCH 23824	43.62 1.39 0.00	43.37 1.39 0.00	41.49 1.25 0.00	40.57 1.37 0.00	41.78 1.33 0.00	44.40 1.54 0.00	62.84 2.82 0.00	68.95 3.53 0.00	55.16 2.07 0.00	46.23 1.65 0.00	44.22 1.50 0.00	42.15 1.39 0.00	42.10 1.11 0.00	43.00 0.97 0.00	42.81 1.08 0.00	43.63 1.06 0.00	45.20 1.19 0.00	50.88 1.67 0.00	57.24 2.04 0.00	66.81 3.36 0.00	62.22 2.96 0.00	53.61 2.26 0.00	45.50 1.79 0.00	43.42 1.67 0.00
BOWLINE___1 23526	43.58 1.35 0.00	43.33 1.34 0.00	41.41 1.17 0.00	40.45 1.25 0.00	41.74 1.29 0.00	44.23 1.37 0.00	62.54 2.52 0.00	68.63 3.20 0.00	54.90 1.81 0.00	46.18 1.60 0.00	44.18 1.45 0.00	42.23 1.47 0.00	42.30 1.31 0.00	43.21 1.18 0.00	43.02 1.29 0.00	43.93 1.36 0.00	45.46 1.45 0.00	50.97 1.77 0.00	57.18 1.98 0.00	66.50 3.05 0.00	61.92 2.67 0.00	53.30 1.95 0.00	45.28 1.57 0.00	43.21 1.46 0.00
BOWLINE___2 23595	43.62 1.39 0.00	43.37 1.38 0.00	41.45 1.21 0.00	40.45 1.25 0.00	41.78 1.33 0.00	44.27 1.41 0.00	62.66 2.64 0.00	68.76 3.33 0.00	55.00 1.91 0.00	46.23 1.65 0.00	44.26 1.54 0.00	42.27 1.51 0.00	42.34 1.35 0.00	43.25 1.22 0.00	43.06 1.33 0.00	43.97 1.40 0.00	45.55 1.54 0.00	51.03 1.82 0.00	57.29 2.10 0.00	66.62 3.17 0.00	62.04 2.79 0.00	53.40 2.06 0.00	45.37 1.66 0.00	43.25 1.50 0.00
BRADY___115KV_TB2 356060	42.65 0.42 0.00	42.57 0.59 0.00	40.73 0.48 0.00	39.71 0.51 0.00	40.81 0.36 0.00	43.37 0.51 0.00	59.90 -0.12 0.00	64.57 -0.85 0.00	53.09 0.00 0.00	44.71 0.13 0.00	42.73 -0.12 0.00	40.64 0.04 0.00	41.03 0.13 0.00	42.16 0.17 0.00	41.89 0.04 0.00	42.61 0.09 0.00	44.10 0.09 0.00	48.96 -0.25 0.00	55.14 -0.06 0.00	62.56 -0.89 0.00	58.78 -0.47 0.00	51.24 -0.10 0.00	43.97 0.26 0.00	42.04 0.29 0.00
BRANSCOMB___SOLAR 323811	43.92 1.69 0.00	43.71 1.72 0.00	41.86 1.61 0.00	40.84 1.65 0.00	42.10 1.66 0.00	44.83 1.97 0.00	63.44 3.42 0.00	69.28 3.86 0.00	55.42 2.33 0.00	46.23 1.65 0.00	44.13 1.41 0.00	42.15 1.39 0.00	42.34 1.35 0.00	43.42 1.39 0.00	43.14 1.42 0.00	44.06 1.49 0.00	45.55 1.54 0.00	51.22 2.02 0.00	57.57 2.37 0.00	66.88 3.42 0.00	62.33 3.08 0.00	53.76 2.41 0.00	45.54 1.84 0.00	43.54 1.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	45.02 2.79 -0.01	44.85 2.85 -0.01	42.75 2.50 -0.01	41.74 2.55 0.00	43.33 2.87 -0.01	45.91 3.04 -0.01	65.42 5.16 -0.24	78.40 6.02 -6.95	56.49 3.40 0.00	47.70 3.12 0.00	45.38 2.65 0.00	43.50 2.73 0.00	42.67 1.68 0.00	43.97 1.93 0.00	44.32 2.59 -0.01	45.30 2.72 -0.01	47.01 2.99 -0.01	52.51 3.30 -0.01	58.90 3.70 -0.01	72.41 5.52 -3.44	64.18 4.92 -0.01	55.26 3.90 -0.01	50.56 3.32 -3.53	46.94 3.13 -2.06

BRISTLHL_115KV_TB1 79998	41.55 -0.68 0.00	41.23 -0.76 0.00	39.52 -0.72 0.00	38.37 -0.82 0.00	39.68 -0.77 0.00	42.13 -0.73 0.00	59.18 -0.84 0.00	64.38 -1.05 0.00	52.24 -0.85 0.00	43.86 -0.71 0.00	42.13 -0.60 0.00	40.19 -0.57 0.00	40.46 -0.53 0.00	41.57 -0.46 0.00	41.22 -0.50 0.00	42.06 -0.51 0.00	43.39 -0.62 0.00	48.52 -0.69 0.00	54.42 -0.77 0.00	62.63 -0.82 0.00	58.54 -0.71 0.00	50.58 -0.77 0.00	43.01 -0.70 0.00	41.04 -0.71 0.00
BROOKHAVEN___DRP 24191	44.39 2.15 -0.01	44.60 2.60 -0.01	42.23 1.97 -0.01	41.23 2.04 0.00	43.08 2.63 -0.01	45.61 2.74 -0.01	65.60 5.34 -0.23	78.48 6.22 -6.84	56.17 3.08 0.00	47.07 2.50 0.00	44.99 2.26 0.00	43.13 2.36 0.00	41.93 0.94 0.00	43.25 1.22 0.00	43.61 1.88 -0.01	44.62 2.04 -0.01	46.44 2.42 -0.01	52.02 2.80 -0.01	58.30 3.09 -0.01	72.61 5.77 -3.38	63.94 4.68 -0.01	55.00 3.65 -0.01	50.20 3.02 -3.47	46.70 2.92 -2.03
BROOKLYN_NAVY_YARD 23515	44.13 1.90 0.00	43.79 1.80 0.00	41.81 1.57 0.00	40.84 1.65 0.00	42.22 1.78 0.00	44.79 1.93 0.00	63.62 3.60 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.12 2.39 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.47 2.46 0.00	52.16 2.95 0.00	58.45 3.26 0.00	67.96 4.51 0.00	63.23 3.97 0.00	54.48 3.13 0.00	46.11 2.40 0.00	43.88 2.13 0.00
BROOKLYN___ARMY_DRP 323595	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
BROOKVLE_69_KV_TB1 55790	44.77 2.53 -0.01	44.48 2.48 -0.01	42.55 2.29 -0.01	41.59 2.39 0.00	42.93 2.47 -0.01	45.49 2.61 -0.01	64.85 4.44 -0.38	82.01 5.36 -11.22	56.44 3.34 0.00	47.56 2.99 0.00	45.33 2.61 0.00	43.41 2.65 0.00	43.08 2.09 0.00	44.22 2.19 0.00	44.33 2.59 -0.01	45.26 2.68 -0.01	46.93 2.90 -0.01	52.47 3.25 -0.01	58.85 3.64 -0.01	73.88 4.89 -5.55	63.71 4.44 -0.01	54.96 3.59 -0.01	52.34 2.93 -5.70	47.75 2.67 -3.33
BROOME_2_LFGE 323671	42.48 0.25 0.00	42.11 0.13 0.00	40.41 0.16 0.00	39.24 0.04 0.00	40.57 0.12 0.00	42.99 0.13 0.00	60.44 0.42 0.00	65.62 0.20 0.00	53.30 0.21 0.00	44.71 0.13 0.00	42.94 0.21 0.00	41.01 0.25 0.00	41.28 0.29 0.00	42.41 0.38 0.00	41.98 0.25 0.00	42.95 0.38 0.00	44.36 0.35 0.00	49.55 0.35 0.00	55.47 0.28 0.00	63.83 0.38 0.00	59.73 0.47 0.00	51.55 0.21 0.00	43.88 0.18 0.00	41.96 0.21 0.00
BROOME___LFGE 323600	42.48 0.25 0.00	42.11 0.13 0.00	40.41 0.16 0.00	39.24 0.04 0.00	40.57 0.12 0.00	42.99 0.13 0.00	60.44 0.42 0.00	65.62 0.20 0.00	53.30 0.21 0.00	44.71 0.13 0.00	42.94 0.21 0.00	41.01 0.25 0.00	41.28 0.29 0.00	42.41 0.38 0.00	41.98 0.25 0.00	42.95 0.38 0.00	44.36 0.35 0.00	49.55 0.35 0.00	55.47 0.28 0.00	63.83 0.38 0.00	59.73 0.47 0.00	51.55 0.21 0.00	43.88 0.18 0.00	41.96 0.21 0.00
BROWNFLS_115KV_TB_3_5 80003	41.51 -0.72 0.00	41.44 -0.55 0.00	39.68 -0.56 0.00	38.65 -0.55 0.00	39.80 -0.65 0.00	42.34 -0.51 0.00	59.06 -0.96 0.00	63.59 -1.83 0.00	51.71 -1.38 0.00	43.42 -1.16 0.00	41.74 -0.98 0.00	39.66 -1.10 0.00	40.00 -0.98 0.00	41.19 -0.84 0.00	40.89 -0.83 0.00	41.63 -0.94 0.00	42.82 -1.19 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	61.36 -2.09 0.00	57.48 -1.78 0.00	49.86 -1.49 0.00	42.57 -1.14 0.00	40.62 -1.13 0.00
BROWNSV1_27_KV_LOAD 356125	44.51 2.28 0.00	44.21 2.23 0.00	42.22 1.97 0.00	41.31 2.12 0.00	42.59 2.14 0.00	45.22 2.36 0.00	64.28 4.26 0.00	70.79 5.36 0.00	56.60 3.50 0.00	47.52 2.94 0.00	45.46 2.73 0.00	43.46 2.69 0.00	43.53 2.54 0.00	44.47 2.44 0.00	44.19 2.46 0.00	45.16 2.60 0.00	46.91 2.90 0.00	52.55 3.35 0.00	59.01 3.81 0.00	68.53 5.08 0.00	63.82 4.56 0.00	54.99 3.65 0.00	46.55 2.84 0.00	44.25 2.50 0.00
BURROWS___LYONSDAL 23803	42.86 0.63 0.00	42.70 0.71 0.00	40.89 0.64 0.00	39.78 0.59 0.00	41.09 0.65 0.00	43.72 0.86 0.00	61.46 1.44 0.00	66.40 0.98 0.00	53.52 0.42 0.00	44.75 0.18 0.00	43.15 0.43 0.00	41.09 0.33 0.00	41.40 0.41 0.00	42.58 0.55 0.00	42.23 0.50 0.00	43.04 0.47 0.00	44.23 0.22 0.00	49.45 0.25 0.00	55.58 0.39 0.00	64.02 0.57 0.00	59.79 0.53 0.00	51.60 0.26 0.00	43.84 0.13 0.00	41.83 0.08 0.00
CAITHNESS_CC_1 323624	44.43 2.19 -0.01	44.56 2.56 -0.01	42.23 1.97 -0.01	41.15 1.96 0.00	43.00 2.55 -0.01	45.57 2.70 -0.01	65.06 4.80 -0.23	77.55 5.30 -6.84	55.42 2.33 0.00	46.36 1.78 0.00	44.52 1.79 0.00	42.60 1.84 0.00	41.52 0.53 0.00	42.83 0.80 0.00	43.36 1.63 -0.01	44.45 1.87 -0.01	46.13 2.11 -0.01	51.72 2.51 -0.01	57.86 2.65 -0.01	71.91 5.08 -3.38	63.35 4.09 -0.01	54.54 3.18 -0.01	49.94 2.76 -3.47	46.66 2.88 -2.03
CALPINE BETH_PAGE_GT4 24209	44.77 2.53 -0.01	44.51 2.52 -0.01	42.59 2.33 -0.01	41.63 2.43 0.00	43.04 2.59 -0.01	45.53 2.66 -0.01	64.63 4.32 -0.29	79.04 5.10 -8.52	56.06 2.97 0.00	47.25 2.67 0.00	44.99 2.26 0.00	43.09 2.32 0.00	42.55 1.56 0.00	43.76 1.72 0.00	44.03 2.29 -0.01	44.96 2.38 -0.01	46.66 2.64 -0.01	52.12 2.90 -0.01	58.52 3.31 -0.01	72.29 4.63 -4.21	63.41 4.15 -0.01	54.64 3.29 -0.01	50.79 2.75 -4.33	46.87 2.59 -2.53
CALPINE_BETH_PAGE_GT_4 323586	44.81 2.58 -0.01	44.56 2.56 -0.01	42.55 2.29 -0.01	41.51 2.31 0.00	43.05 2.59 -0.01	45.53 2.66 -0.01	64.51 4.20 -0.29	78.85 4.91 -8.52	55.64 2.55 0.00	46.80 2.23 0.00	44.74 2.01 0.00	42.80 2.04 0.00	42.26 1.27 0.00	43.51 1.47 0.00	43.95 2.21 -0.01	44.92 2.34 -0.01	46.57 2.55 -0.01	52.07 2.85 -0.01	58.41 3.20 -0.01	72.17 4.51 -4.21	63.30 4.03 -0.01	54.59 3.24 -0.01	50.75 2.71 -4.33	46.87 2.59 -2.53
CALPINE_BP_GT1 23823	44.81 2.58 -0.01	44.56 2.56 -0.01	42.55 2.29 -0.01	41.51 2.31 0.00	43.05 2.59 -0.01	45.53 2.66 -0.01	64.51 4.20 -0.29	78.85 4.91 -8.52	55.64 2.55 0.00	46.80 2.23 0.00	44.74 2.01 0.00	42.80 2.04 0.00	42.26 1.27 0.00	43.51 1.47 0.00	43.95 2.21 -0.01	44.92 2.34 -0.01	46.57 2.55 -0.01	52.07 2.85 -0.01	58.41 3.20 -0.01	72.17 4.51 -4.21	63.30 4.03 -0.01	54.59 3.24 -0.01	50.75 2.71 -4.33	46.87 2.59 -2.53
CALSPAN___DRP 24200	41.64 -0.59 0.00	40.73 -1.26 0.00	39.04 -1.21 0.00	37.08 -2.12 0.00	39.19 -1.25 0.00	41.53 -1.33 0.00	57.44 -2.58 0.00	61.50 -3.93 0.00	51.23 -1.86 0.00	43.06 -1.52 0.00	42.00 -0.73 0.00	40.19 -0.57 0.00	40.91 -0.08 0.00	41.99 -0.04 0.00	41.39 -0.33 0.00	42.23 -0.34 0.00	43.17 -0.84 0.00	48.17 -1.03 0.00	53.32 -1.88 0.00	60.41 -3.05 0.00	57.12 -2.13 0.00	49.96 -1.39 0.00	42.57 -1.14 0.00	40.96 -0.79 0.00

CALVERTON___SOLAR 323806	44.43 2.19 -0.01	44.68 2.69 -0.01	42.23 1.97 -0.01	41.19 2.00 0.00	43.16 2.71 -0.01	45.74 2.87 -0.01	65.54 5.28 -0.23	78.15 5.89 -6.84	55.59 2.50 0.00	46.36 1.78 0.00	44.56 1.84 0.00	42.68 1.92 0.00	41.44 0.45 0.00	42.71 0.67 0.00	43.28 1.54 -0.01	44.41 1.83 -0.01	46.13 2.11 -0.01	51.82 2.61 -0.01	57.96 2.76 -0.01	72.48 5.65 -3.38	63.65 4.38 -0.01	54.80 3.44 -0.01	50.11 2.93 -3.48	46.79 3.01 -2.03
CANDIGU_WT_PWR 323617	42.18 -0.04 0.00	41.52 -0.46 0.00	39.80 -0.44 0.00	38.45 -0.75 0.00	39.84 -0.61 0.00	42.30 -0.56 0.00	59.12 -0.90 0.00	63.72 -1.70 0.00	52.14 -0.95 0.00	43.73 -0.85 0.00	42.13 -0.60 0.00	40.15 -0.49 0.00	40.50 -0.29 0.00	41.74 -0.29 0.00	41.18 -0.54 0.00	42.18 -0.38 0.00	43.52 -0.48 0.00	48.56 -0.64 0.00	54.21 -0.99 0.00	62.06 -1.40 0.00	58.25 -1.01 0.00	50.42 -0.92 0.00	43.01 -0.70 0.00	41.12 -0.63 0.00
CARR STREET_E_SYR 24060	41.97 -0.25 0.00	41.65 -0.34 0.00	39.97 -0.28 0.00	38.84 -0.35 0.00	40.12 -0.32 0.00	42.56 -0.30 0.00	59.84 -0.18 0.00	65.16 -0.26 0.00	52.88 -0.21 0.00	44.40 -0.18 0.00	42.64 -0.09 0.00	40.72 -0.04 0.00	40.99 0.00 0.00	42.12 0.08 0.00	41.72 0.00 0.00	42.61 0.04 0.00	44.01 0.00 0.00	49.16 -0.05 0.00	55.03 -0.17 0.00	63.32 -0.13 0.00	59.20 -0.06 0.00	51.09 -0.26 0.00	43.49 -0.22 0.00	41.50 -0.25 0.00
CARTHAGE___PAPER 23857	42.27 0.04 0.00	42.15 0.17 0.00	40.41 0.16 0.00	39.27 0.08 0.00	40.53 0.08 0.00	43.24 0.38 0.00	60.80 0.78 0.00	65.49 0.07 0.00	52.61 -0.48 0.00	43.95 -0.62 0.00	42.34 -0.39 0.00	40.19 -0.57 0.00	40.54 -0.45 0.00	41.74 -0.29 0.00	41.39 -0.34 0.00	42.18 -0.38 0.00	43.35 -0.66 0.00	48.52 -0.69 0.00	54.75 -0.44 0.00	63.14 -0.32 0.00	59.14 -0.12 0.00	50.93 -0.41 0.00	43.31 -0.39 0.00	41.29 -0.46 0.00
CASSADAGA_WT_PWR 323784	42.61 0.38 0.00	41.61 -0.38 0.00	39.92 -0.32 0.00	38.45 -0.75 0.00	40.00 -0.44 0.00	42.56 -0.30 0.00	59.48 -0.54 0.00	64.11 -1.31 0.00	52.51 -0.58 0.00	44.27 -0.31 0.00	42.64 -0.09 0.00	41.09 0.32 0.00	41.64 0.65 0.00	42.75 0.71 0.00	42.02 0.29 0.00	42.95 0.38 0.00	44.18 0.18 0.00	49.16 -0.05 0.00	54.65 -0.55 0.00	62.24 -1.21 0.00	58.78 -0.48 0.00	51.14 -0.20 0.00	43.62 -0.09 0.00	41.62 -0.12 0.00
CE_DUNWOOD___DRP 24194	44.00 1.77 0.00	43.75 1.76 0.00	41.82 1.57 0.00	40.88 1.69 0.00	42.14 1.70 0.00	44.70 1.84 0.00	63.38 3.36 0.00	69.67 4.25 0.00	55.69 2.60 0.00	46.81 2.23 0.00	44.74 2.01 0.00	42.76 2.00 0.00	42.79 1.80 0.00	43.76 1.72 0.00	43.52 1.79 0.00	44.48 1.92 0.00	46.16 2.16 0.00	51.71 2.51 0.00	58.07 2.87 0.00	67.45 4.00 0.00	62.81 3.56 0.00	54.12 2.77 0.00	45.89 2.19 0.00	43.71 1.96 0.00
CE_MILLWOOD___DRP 24193	43.83 1.60 0.00	43.58 1.60 0.00	41.65 1.41 0.00	40.76 1.57 0.00	41.98 1.54 0.00	44.53 1.67 0.00	63.14 3.12 0.00	69.35 3.93 0.00	55.43 2.34 0.00	46.58 2.01 0.00	44.52 1.79 0.00	42.56 1.79 0.00	42.63 1.64 0.00	43.55 1.51 0.00	43.35 1.63 0.00	44.27 1.70 0.00	45.94 1.94 0.00	51.42 2.21 0.00	57.74 2.54 0.00	67.13 3.68 0.00	62.51 3.26 0.00	53.81 2.46 0.00	45.67 1.97 0.00	43.54 1.80 0.00
CE_NYC2_DRP 24202	44.47 2.24 -0.01	44.18 2.18 -0.01	42.23 1.97 -0.01	41.32 2.12 -0.01	42.60 2.14 -0.01	45.57 2.31 -0.40	64.04 4.02 0.00	70.59 5.17 0.00	60.99 3.34 -4.56	60.28 2.85 -12.85	59.43 2.61 -14.10	60.27 2.61 -16.90	60.98 2.42 -17.58	60.98 2.31 -16.64	60.94 2.38 -16.84	60.98 2.51 -15.90	61.78 2.77 -15.00	61.74 3.25 -9.29	60.25 3.64 -1.41	68.27 4.82 0.00	63.87 4.33 -0.29	59.48 3.49 -4.64	48.58 2.75 -2.12	44.68 2.46 -0.47
CE_NYC_DRP 24195	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.12 1.92 0.00	42.39 1.94 0.00	44.96 2.10 0.00	63.92 3.90 0.00	70.39 4.97 0.00	56.28 3.19 0.00	47.25 2.67 0.00	45.21 2.48 0.00	43.21 2.45 0.00	43.28 2.30 0.00	44.22 2.19 0.00	43.94 2.21 0.00	44.91 2.34 0.00	46.65 2.64 0.00	52.26 3.05 0.00	58.67 3.48 0.00	68.08 4.63 0.00	63.40 4.15 0.00	54.63 3.29 0.00	46.29 2.58 0.00	44.00 2.25 0.00
CHAFFEE___LFGE 323603	41.55 -0.68 0.00	40.77 -1.22 0.00	39.16 -1.08 0.00	37.79 -1.41 0.00	39.31 -1.13 0.00	41.83 -1.03 0.00	58.34 -1.68 0.00	62.74 -2.69 0.00	51.55 -1.54 0.00	43.24 -1.34 0.00	41.75 -0.98 0.00	40.07 -0.69 0.00	40.54 -0.45 0.00	41.57 -0.46 0.00	40.93 -0.79 0.00	41.80 -0.76 0.00	43.08 -0.93 0.00	47.98 -1.23 0.00	53.38 -1.82 0.00	60.91 -2.54 0.00	57.42 -1.84 0.00	49.75 -1.59 0.00	42.48 -1.22 0.00	40.75 -1.00 0.00
CHATEAUG_35_KV_LOAD 355732	42.02 -0.21 0.00	41.98 0.00 0.00	40.25 0.00 0.00	39.35 0.16 0.00	40.53 0.08 0.00	43.12 0.26 0.00	59.96 -0.06 0.00	64.83 -0.59 0.00	53.73 0.64 0.00	45.16 0.58 0.00	43.20 0.47 0.00	41.05 0.29 0.00	41.44 0.45 0.00	42.54 0.50 0.00	42.18 0.46 0.00	42.99 0.43 0.00	44.49 0.48 0.00	49.55 0.34 0.00	55.58 0.39 0.00	62.88 -0.57 0.00	59.14 -0.12 0.00	51.55 0.21 0.00	43.97 0.26 0.00	42.04 0.29 0.00
CHATEAUG_WT_PWR 323614	42.06 -0.17 0.00	42.03 0.04 0.00	40.29 0.04 0.00	39.35 0.16 0.00	40.57 0.12 0.00	43.16 0.30 0.00	60.02 0.00 0.00	64.90 -0.53 0.00	53.73 0.64 0.00	45.15 0.58 0.00	43.20 0.47 0.00	41.05 0.29 0.00	41.44 0.45 0.00	42.54 0.51 0.00	42.23 0.50 0.00	43.04 0.47 0.00	44.49 0.48 0.00	49.55 0.35 0.00	55.59 0.39 0.00	62.94 -0.51 0.00	59.14 -0.12 0.00	51.55 0.21 0.00	44.02 0.31 0.00	42.04 0.29 0.00
CHAT_HIGH_FALL_HYD 323578	42.02 -0.21 0.00	41.98 0.00 0.00	40.25 0.00 0.00	39.35 0.16 0.00	40.53 0.08 0.00	43.12 0.26 0.00	59.96 -0.06 0.00	64.83 -0.59 0.00	53.73 0.64 0.00	45.16 0.58 0.00	43.20 0.47 0.00	41.05 0.29 0.00	41.44 0.45 0.00	42.54 0.50 0.00	42.18 0.46 0.00	42.99 0.43 0.00	44.49 0.48 0.00	49.55 0.34 0.00	55.58 0.39 0.00	62.88 -0.57 0.00	59.14 -0.12 0.00	51.55 0.21 0.00	43.97 0.26 0.00	42.04 0.29 0.00
CHAUTAUQUA___LFGE 323629	42.27 0.04 0.00	41.31 -0.67 0.00	39.68 -0.56 0.00	38.25 -0.94 0.00	39.76 -0.69 0.00	42.26 -0.60 0.00	58.82 -1.20 0.00	63.26 -2.16 0.00	52.08 -1.01 0.00	43.91 -0.67 0.00	42.43 -0.30 0.00	40.85 0.08 0.00	41.40 0.41 0.00	42.50 0.46 0.00	41.81 0.08 0.00	42.74 0.17 0.00	43.96 -0.04 0.00	48.86 -0.34 0.00	54.26 -0.94 0.00	61.80 -1.65 0.00	58.37 -0.89 0.00	50.78 -0.56 0.00	43.36 -0.35 0.00	41.50 -0.25 0.00
CHERRYST_13_KV_LD 356241	44.38 2.15 0.00	44.08 2.10 0.00	42.10 1.85 0.00	41.19 2.00 0.00	42.51 2.06 0.00	45.09 2.23 0.00	64.10 4.08 0.00	70.59 5.17 0.00	56.44 3.34 0.00	47.43 2.85 0.00	45.33 2.61 0.00	43.37 2.61 0.00	43.41 2.42 0.00	44.35 2.31 0.00	44.10 2.38 0.00	45.08 2.51 0.00	46.82 2.82 0.00	52.45 3.25 0.00	58.84 3.64 0.00	68.27 4.82 0.00	63.58 4.33 0.00	54.79 3.44 0.00	46.37 2.67 0.00	44.13 2.38 0.00

CHESTROR_138KV_BK263 355645	43.41 1.18 0.00	43.16 1.18 0.00	41.33 1.09 0.00	40.41 1.22 0.00	41.62 1.17 0.00	44.10 1.24 0.00	62.36 2.34 0.00	68.43 3.01 0.00	54.79 1.70 0.00	46.00 1.43 0.00	44.01 1.28 0.00	42.03 1.26 0.00	42.14 1.15 0.00	43.09 1.05 0.00	42.85 1.13 0.00	43.76 1.19 0.00	45.37 1.36 0.00	50.78 1.57 0.00	57.02 1.82 0.00	66.24 2.79 0.00	61.68 2.43 0.00	53.09 1.75 0.00	45.15 1.44 0.00	43.04 1.29 0.00
CH_MIDHUDSON___DRP 24192	43.79 1.56 0.00	43.54 1.55 0.00	41.65 1.41 0.00	40.72 1.53 0.00	41.98 1.54 0.00	44.49 1.63 0.00	63.08 3.06 0.00	69.15 3.73 0.00	55.32 2.23 0.00	46.45 1.87 0.00	44.39 1.67 0.00	42.40 1.63 0.00	42.46 1.48 0.00	43.38 1.35 0.00	43.18 1.46 0.00	44.10 1.53 0.00	45.77 1.76 0.00	51.27 2.07 0.00	57.57 2.37 0.00	67.00 3.55 0.00	62.40 3.14 0.00	53.66 2.31 0.00	45.54 1.84 0.00	43.42 1.67 0.00
CH_MISC_IPPS 23765	43.96 1.73 0.00	43.71 1.72 0.00	41.81 1.57 0.00	40.77 1.57 0.00	42.10 1.66 0.00	44.62 1.76 0.00	63.26 3.24 0.00	69.28 3.86 0.00	55.48 2.39 0.00	46.49 1.92 0.00	44.52 1.79 0.00	42.44 1.67 0.00	42.55 1.56 0.00	43.51 1.47 0.00	43.31 1.59 0.00	44.27 1.70 0.00	45.85 1.85 0.00	51.42 2.22 0.00	57.74 2.54 0.00	67.13 3.68 0.00	62.51 3.26 0.00	53.76 2.41 0.00	45.63 1.92 0.00	43.54 1.79 0.00
CH_RES_BVR_FALLS 23983	42.02 -0.21 0.00	41.86 -0.13 0.00	40.09 -0.16 0.00	39.08 -0.12 0.00	40.24 -0.20 0.00	42.60 -0.26 0.00	59.24 -0.78 0.00	64.25 -1.18 0.00	52.61 -0.48 0.00	44.27 -0.31 0.00	42.43 -0.30 0.00	40.44 -0.33 0.00	40.70 -0.28 0.00	41.74 -0.29 0.00	41.43 -0.29 0.00	42.18 -0.38 0.00	43.61 -0.40 0.00	48.62 -0.59 0.00	54.54 -0.66 0.00	62.18 -1.27 0.00	58.13 -1.13 0.00	50.52 -0.82 0.00	43.05 -0.65 0.00	41.12 -0.63 0.00
CH_RES_NIAGARA 23895	40.37 -1.86 0.00	39.47 -2.52 0.00	37.83 -2.41 0.00	35.86 -3.33 0.00	37.94 -2.51 0.00	40.20 -2.66 0.00	55.34 -4.68 0.00	59.01 -6.41 0.00	49.32 -3.77 0.00	41.59 -2.99 0.00	40.68 -2.05 0.00	38.89 -1.88 0.00	39.55 -1.43 0.00	40.61 -1.43 0.00	40.06 -1.67 0.00	40.91 -1.66 0.00	41.72 -2.29 0.00	46.50 -2.71 0.00	51.39 -3.81 0.00	58.18 -5.27 0.00	55.05 -4.21 0.00	48.27 -3.08 0.00	41.30 -2.40 0.00	39.75 -2.00 0.00
CH_RES_SYRACUSE 23985	42.23 0.00 0.00	41.90 -0.08 0.00	40.21 -0.04 0.00	39.08 -0.12 0.00	40.36 -0.08 0.00	42.86 0.00 0.00	60.20 0.18 0.00	65.49 0.07 0.00	53.20 0.11 0.00	44.62 0.04 0.00	42.90 0.17 0.00	40.93 0.16 0.00	41.19 0.21 0.00	42.37 0.33 0.00	41.98 0.25 0.00	42.87 0.30 0.00	44.23 0.22 0.00	49.40 0.20 0.00	55.36 0.17 0.00	63.71 0.25 0.00	59.55 0.30 0.00	51.40 0.05 0.00	43.75 0.04 0.00	41.75 0.00 0.00
CLINTON_WT_PWR 323605	42.06 -0.17 0.00	42.03 0.04 0.00	40.29 0.04 0.00	39.35 0.16 0.00	40.57 0.12 0.00	43.16 0.30 0.00	60.02 0.00 0.00	64.90 -0.53 0.00	53.73 0.64 0.00	45.15 0.58 0.00	43.20 0.47 0.00	41.05 0.29 0.00	41.44 0.45 0.00	42.54 0.51 0.00	42.23 0.50 0.00	43.04 0.47 0.00	44.49 0.48 0.00	49.55 0.35 0.00	55.59 0.39 0.00	62.94 -0.51 0.00	59.14 -0.12 0.00	51.55 0.21 0.00	44.02 0.31 0.00	42.04 0.29 0.00
CLINTON___LFGE 323618	42.86 0.63 0.00	42.82 0.84 0.00	41.01 0.76 0.00	40.06 0.86 0.00	41.25 0.81 0.00	43.97 1.11 0.00	61.34 1.32 0.00	66.01 0.59 0.00	54.90 1.81 0.00	46.00 1.43 0.00	43.97 1.24 0.00	41.70 0.94 0.00	42.22 1.23 0.00	43.38 1.34 0.00	42.98 1.25 0.00	43.80 1.24 0.00	45.33 1.32 0.00	50.48 1.28 0.00	56.74 1.54 0.00	64.09 0.63 0.00	60.44 1.18 0.00	52.58 1.23 0.00	44.80 1.09 0.00	42.79 1.04 0.00
COBBLENY_34_KV_TB1 80064	41.55 -0.68 0.00	40.73 -1.26 0.00	39.08 -1.17 0.00	37.31 -1.88 0.00	39.23 -1.21 0.00	41.62 -1.24 0.00	58.10 -1.92 0.00	62.35 -3.07 0.00	51.39 -1.70 0.00	43.06 -1.52 0.00	41.74 -0.98 0.00	39.91 -0.86 0.00	40.54 -0.45 0.00	41.53 -0.50 0.00	40.93 -0.79 0.00	41.76 -0.81 0.00	42.86 -1.14 0.00	47.93 -1.28 0.00	53.38 -1.82 0.00	60.72 -2.73 0.00	57.18 -2.07 0.00	49.70 -1.64 0.00	42.27 -1.44 0.00	40.79 -0.96 0.00
COFFEEN___115KV_TB3 355620	42.65 0.42 0.00	42.53 0.55 0.00	40.73 0.48 0.00	39.55 0.35 0.00	40.89 0.44 0.00	43.67 0.81 0.00	61.52 1.50 0.00	66.34 0.92 0.00	53.04 -0.05 0.00	44.22 -0.36 0.00	42.60 -0.13 0.00	40.40 -0.37 0.00	40.74 -0.25 0.00	42.03 0.00 0.00	41.68 -0.04 0.00	42.48 -0.09 0.00	43.65 -0.35 0.00	49.01 -0.20 0.00	55.42 0.22 0.00	64.15 0.70 0.00	60.03 0.77 0.00	51.66 0.31 0.00	43.84 0.13 0.00	41.79 0.04 0.00
COLDSPRG_115KV_BK1 355956	42.86 0.63 0.00	41.90 -0.08 0.00	40.17 -0.08 0.00	38.26 -0.94 0.00	40.36 -0.08 0.00	42.82 -0.04 0.00	59.72 -0.30 0.00	64.24 -1.18 0.00	53.04 -0.05 0.00	44.44 -0.13 0.00	43.11 0.38 0.00	41.25 0.49 0.00	42.05 1.07 0.00	43.09 1.05 0.00	42.43 0.71 0.00	43.25 0.68 0.00	44.32 0.31 0.00	49.60 0.39 0.00	55.09 -0.11 0.00	62.56 -0.89 0.00	59.02 -0.24 0.00	51.45 0.10 0.00	43.62 -0.09 0.00	42.00 0.25 0.00
COLONIE_LFGE___ 323577	43.32 1.10 0.00	43.07 1.09 0.00	41.25 1.01 0.00	40.25 1.06 0.00	41.54 1.09 0.00	44.14 1.28 0.00	62.36 2.34 0.00	68.30 2.88 0.00	54.74 1.65 0.00	45.82 1.25 0.00	43.84 1.11 0.00	41.82 1.06 0.00	41.93 0.94 0.00	42.92 0.88 0.00	42.64 0.92 0.00	43.55 0.98 0.00	44.97 0.97 0.00	50.53 1.33 0.00	56.85 1.65 0.00	65.99 2.54 0.00	61.51 2.25 0.00	53.04 1.69 0.00	45.02 1.31 0.00	43.05 1.30 0.00
COOPERNY_115KV_TB1 80082	43.20 0.97 0.00	42.99 1.01 0.00	41.17 0.93 0.00	40.22 1.02 0.00	41.46 1.01 0.00	43.89 1.03 0.00	61.94 1.92 0.00	67.84 2.42 0.00	54.47 1.38 0.00	45.74 1.16 0.00	43.80 1.07 0.00	41.83 1.06 0.00	41.93 0.94 0.00	42.92 0.88 0.00	42.68 0.96 0.00	43.46 0.89 0.00	45.02 1.01 0.00	50.39 1.18 0.00	56.58 1.38 0.00	65.55 2.09 0.00	61.09 1.84 0.00	52.63 1.28 0.00	44.76 1.05 0.00	42.71 0.96 0.00
COPENHAGEN_WT_PWR 323753	42.31 0.08 0.00	42.15 0.17 0.00	40.41 0.16 0.00	39.27 0.08 0.00	40.57 0.12 0.00	43.29 0.43 0.00	60.92 0.90 0.00	65.82 0.39 0.00	52.77 -0.32 0.00	44.04 -0.53 0.00	42.38 -0.34 0.00	40.28 -0.49 0.00	40.62 -0.37 0.00	41.87 -0.17 0.00	41.52 -0.21 0.00	42.31 -0.25 0.00	43.52 -0.48 0.00	48.71 -0.49 0.00	54.98 -0.22 0.00	63.58 0.13 0.00	59.49 0.24 0.00	51.24 -0.10 0.00	43.53 -0.17 0.00	41.50 -0.25 0.00
CORNELL_____ 23752	43.24 1.01 0.00	42.87 0.88 0.00	41.13 0.89 0.00	39.82 0.63 0.00	41.25 0.81 0.00	43.84 0.99 0.00	61.64 1.62 0.00	66.93 1.50 0.00	54.31 1.22 0.00	45.42 0.85 0.00	43.58 0.85 0.00	41.54 0.77 0.00	41.85 0.86 0.00	43.04 1.01 0.00	42.60 0.88 0.00	43.50 0.94 0.00	44.98 0.97 0.00	50.39 1.18 0.00	56.52 1.32 0.00	65.04 1.59 0.00	60.85 1.60 0.00	52.48 1.13 0.00	44.63 0.92 0.00	42.58 0.83 0.00

CORONA V_69_KV_TB1 355595	44.73 2.49 -0.02	44.44 2.44 -0.02	42.56 2.29 -0.02	41.59 2.39 0.00	42.97 2.51 -0.02	45.45 2.57 -0.02	64.70 4.26 -0.42	82.85 5.17 -12.26	56.33 3.24 0.00	47.52 2.94 0.00	45.25 2.52 0.00	43.33 2.57 0.00	42.87 1.89 0.00	44.05 2.02 0.00	44.20 2.46 -0.02	45.10 2.51 -0.02	46.75 2.73 -0.02	52.32 3.10 -0.02	58.69 3.48 -0.02	74.08 4.57 -6.06	63.48 4.21 -0.02	54.80 3.44 -0.02	52.74 2.80 -6.23	48.02 2.63 -3.64
CORTLAND_115KV_TB3 80093	42.82 0.59 0.00	42.45 0.46 0.00	40.73 0.48 0.00	39.51 0.31 0.00	40.89 0.44 0.00	43.37 0.51 0.00	61.04 1.02 0.00	66.34 0.92 0.00	53.78 0.69 0.00	45.02 0.45 0.00	43.24 0.51 0.00	41.25 0.49 0.00	41.52 0.53 0.00	42.71 0.67 0.00	42.27 0.54 0.00	43.21 0.64 0.00	44.62 0.62 0.00	49.89 0.69 0.00	55.97 0.77 0.00	64.47 1.02 0.00	60.26 1.01 0.00	52.01 0.67 0.00	44.23 0.52 0.00	42.25 0.50 0.00
COXSACKIE__GT 23611	43.96 1.73 0.00	43.71 1.72 0.00	41.86 1.61 0.00	40.84 1.65 0.00	42.18 1.74 0.00	44.79 1.93 0.00	63.50 3.48 0.00	69.02 3.60 0.00	55.69 2.60 0.00	46.18 1.60 0.00	43.97 1.24 0.00	41.78 1.02 0.00	41.97 0.98 0.00	42.83 0.80 0.00	42.69 0.96 0.00	43.37 0.81 0.00	45.02 1.01 0.00	50.78 1.57 0.00	57.18 1.98 0.00	66.62 3.17 0.00	62.04 2.79 0.00	53.19 1.85 0.00	45.19 1.49 0.00	43.30 1.55 0.00
CPV_VALLEY__CC1 323721	43.15 0.93 0.00	42.91 0.92 0.00	41.09 0.85 0.00	40.06 0.86 0.00	41.38 0.93 0.00	43.80 0.94 0.00	61.88 1.86 0.00	67.84 2.42 0.00	54.36 1.27 0.00	45.69 1.11 0.00	43.75 1.02 0.00	41.78 1.02 0.00	41.89 0.90 0.00	42.83 0.80 0.00	42.60 0.88 0.00	43.50 0.94 0.00	45.02 1.01 0.00	50.44 1.23 0.00	56.63 1.43 0.00	65.73 2.28 0.00	61.21 1.95 0.00	52.73 1.39 0.00	44.80 1.09 0.00	42.79 1.04 0.00
CPV_VALLEY__CC2 323722	43.15 0.93 0.00	42.91 0.92 0.00	41.09 0.85 0.00	40.06 0.86 0.00	41.38 0.93 0.00	43.80 0.94 0.00	61.88 1.86 0.00	67.84 2.42 0.00	54.36 1.27 0.00	45.69 1.11 0.00	43.75 1.02 0.00	41.78 1.02 0.00	41.89 0.90 0.00	42.83 0.80 0.00	42.60 0.88 0.00	43.50 0.94 0.00	45.02 1.01 0.00	50.44 1.23 0.00	56.63 1.43 0.00	65.73 2.28 0.00	61.21 1.95 0.00	52.73 1.39 0.00	44.80 1.09 0.00	42.79 1.04 0.00
CRESCENT__HYD 24018	43.32 1.10 0.00	43.07 1.09 0.00	41.25 1.01 0.00	40.25 1.06 0.00	41.54 1.09 0.00	44.14 1.28 0.00	62.36 2.34 0.00	68.30 2.88 0.00	54.74 1.65 0.00	45.82 1.25 0.00	43.84 1.11 0.00	41.82 1.06 0.00	41.93 0.94 0.00	42.92 0.88 0.00	42.64 0.92 0.00	43.55 0.98 0.00	44.97 0.97 0.00	50.53 1.33 0.00	56.85 1.65 0.00	65.99 2.54 0.00	61.51 2.25 0.00	53.04 1.69 0.00	45.02 1.31 0.00	43.05 1.30 0.00
CRICKET__VALLEY_CC1 323756	43.45 1.23 0.00	43.16 1.17 0.00	41.29 1.04 0.00	40.29 1.10 0.00	41.62 1.17 0.00	44.10 1.24 0.00	62.42 2.40 0.00	68.56 3.14 0.00	54.79 1.70 0.00	46.05 1.47 0.00	44.05 1.33 0.00	42.03 1.27 0.00	42.05 1.06 0.00	42.96 0.92 0.00	42.72 1.00 0.00	43.63 1.06 0.00	45.20 1.19 0.00	50.78 1.57 0.00	57.13 1.93 0.00	66.50 3.05 0.00	61.92 2.67 0.00	53.30 1.95 0.00	45.24 1.53 0.00	43.17 1.42 0.00
CRICKET__VALLEY_CC2 323757	43.45 1.23 0.00	43.16 1.17 0.00	41.29 1.04 0.00	40.29 1.10 0.00	41.62 1.17 0.00	44.10 1.24 0.00	62.42 2.40 0.00	68.56 3.14 0.00	54.79 1.70 0.00	46.05 1.47 0.00	44.05 1.33 0.00	42.03 1.27 0.00	42.05 1.06 0.00	42.96 0.92 0.00	42.72 1.00 0.00	43.63 1.06 0.00	45.20 1.19 0.00	50.78 1.57 0.00	57.13 1.93 0.00	66.50 3.05 0.00	61.92 2.67 0.00	53.30 1.95 0.00	45.24 1.53 0.00	43.17 1.42 0.00
CRICKET__VALLEY_CC3 323758	43.45 1.23 0.00	43.16 1.17 0.00	41.29 1.04 0.00	40.29 1.10 0.00	41.62 1.17 0.00	44.10 1.24 0.00	62.42 2.40 0.00	68.56 3.14 0.00	54.79 1.70 0.00	46.05 1.47 0.00	44.05 1.33 0.00	42.03 1.27 0.00	42.05 1.06 0.00	42.96 0.92 0.00	42.72 1.00 0.00	43.63 1.06 0.00	45.20 1.19 0.00	50.78 1.57 0.00	57.13 1.93 0.00	66.50 3.05 0.00	61.92 2.67 0.00	53.30 1.95 0.00	45.24 1.53 0.00	43.17 1.42 0.00
CRUCIBLE_METL_DRP 24180	42.23 0.00 0.00	41.90 -0.08 0.00	40.21 -0.04 0.00	39.00 -0.20 0.00	40.36 -0.08 0.00	42.82 -0.04 0.00	60.14 0.12 0.00	65.42 0.00 0.00	53.14 0.05 0.00	44.62 0.04 0.00	42.86 0.13 0.00	40.89 0.12 0.00	41.19 0.20 0.00	42.37 0.34 0.00	41.97 0.25 0.00	42.87 0.30 0.00	44.23 0.22 0.00	49.40 0.20 0.00	55.36 0.17 0.00	63.64 0.19 0.00	59.49 0.24 0.00	51.40 0.05 0.00	43.71 0.00 0.00	41.75 0.00 0.00
DAHOWA__HYDRO 323763	44.04 1.81 0.00	43.83 1.85 0.00	41.98 1.73 0.00	40.96 1.77 0.00	42.22 1.78 0.00	45.00 2.14 0.00	63.68 3.66 0.00	69.61 4.19 0.00	55.64 2.55 0.00	46.36 1.78 0.00	44.26 1.54 0.00	42.27 1.51 0.00	42.46 1.47 0.00	43.55 1.51 0.00	43.27 1.54 0.00	44.14 1.58 0.00	45.68 1.67 0.00	51.37 2.16 0.00	57.74 2.54 0.00	67.13 3.68 0.00	62.57 3.32 0.00	53.91 2.57 0.00	45.68 1.97 0.00	43.67 1.92 0.00
DANC__LFGE 323619	41.93 -0.29 0.00	41.73 -0.25 0.00	40.01 -0.24 0.00	38.88 -0.31 0.00	40.12 -0.32 0.00	42.73 -0.13 0.00	60.14 0.12 0.00	65.16 -0.26 0.00	52.46 -0.63 0.00	43.86 -0.71 0.00	42.17 -0.56 0.00	40.11 -0.65 0.00	40.41 -0.57 0.00	41.61 -0.42 0.00	41.27 -0.46 0.00	42.10 -0.47 0.00	43.39 -0.62 0.00	48.56 -0.64 0.00	54.65 -0.55 0.00	63.14 -0.32 0.00	59.02 -0.24 0.00	50.88 -0.46 0.00	43.23 -0.48 0.00	41.25 -0.50 0.00
DANSKAMMER__1 23586	43.96 1.73 0.00	43.71 1.72 0.00	41.81 1.57 0.00	40.77 1.57 0.00	42.10 1.66 0.00	44.62 1.76 0.00	63.26 3.24 0.00	69.28 3.86 0.00	55.48 2.39 0.00	46.49 1.92 0.00	44.52 1.79 0.00	42.44 1.67 0.00	42.55 1.56 0.00	43.51 1.47 0.00	43.31 1.59 0.00	44.27 1.70 0.00	45.85 1.85 0.00	51.42 2.22 0.00	57.74 2.54 0.00	67.13 3.68 0.00	62.51 3.26 0.00	53.76 2.41 0.00	45.63 1.92 0.00	43.54 1.79 0.00
DANSKAMMER__2 23589	43.96 1.73 0.00	43.71 1.72 0.00	41.81 1.57 0.00	40.77 1.57 0.00	42.10 1.66 0.00	44.62 1.76 0.00	63.26 3.24 0.00	69.28 3.86 0.00	55.48 2.39 0.00	46.49 1.92 0.00	44.52 1.79 0.00	42.44 1.67 0.00	42.55 1.56 0.00	43.51 1.47 0.00	43.31 1.59 0.00	44.27 1.70 0.00	45.85 1.85 0.00	51.42 2.22 0.00	57.74 2.54 0.00	67.13 3.68 0.00	62.51 3.26 0.00	53.76 2.41 0.00	45.63 1.92 0.00	43.54 1.79 0.00
DANSKAMMER__3 23590	43.96 1.73 0.00	43.71 1.72 0.00	41.81 1.57 0.00	40.77 1.57 0.00	42.10 1.66 0.00	44.62 1.76 0.00	63.26 3.24 0.00	69.28 3.86 0.00	55.48 2.39 0.00	46.49 1.92 0.00	44.52 1.79 0.00	42.44 1.67 0.00	42.55 1.56 0.00	43.51 1.47 0.00	43.31 1.59 0.00	44.27 1.70 0.00	45.85 1.85 0.00	51.42 2.22 0.00	57.74 2.54 0.00	67.13 3.68 0.00	62.51 3.26 0.00	53.76 2.41 0.00	45.63 1.92 0.00	43.54 1.79 0.00

DANSKAMMER___4 23591	43.96 1.73 0.00	43.71 1.72 0.00	41.81 1.57 0.00	40.77 1.57 0.00	42.10 1.66 0.00	44.62 1.76 0.00	63.26 3.24 0.00	69.28 3.86 0.00	55.48 2.39 0.00	46.49 1.92 0.00	44.52 1.79 0.00	42.44 1.67 0.00	42.55 1.56 0.00	43.51 1.47 0.00	43.31 1.59 0.00	44.27 1.70 0.00	45.85 1.85 0.00	51.42 2.22 0.00	57.74 2.54 0.00	67.13 3.68 0.00	62.51 3.26 0.00	53.76 2.41 0.00	45.63 1.92 0.00	43.54 1.79 0.00
DANSKAMMER___DIESEL 23592	43.96 1.73 0.00	43.71 1.72 0.00	41.82 1.57 0.00	40.84 1.65 0.00	42.14 1.70 0.00	44.66 1.80 0.00	63.32 3.30 0.00	69.41 3.99 0.00	55.53 2.44 0.00	46.54 1.96 0.00	44.52 1.79 0.00	42.48 1.71 0.00	42.59 1.60 0.00	43.55 1.51 0.00	43.35 1.63 0.00	44.27 1.70 0.00	45.94 1.94 0.00	51.42 2.21 0.00	57.79 2.59 0.00	67.19 3.74 0.00	62.57 3.32 0.00	53.76 2.41 0.00	45.63 1.92 0.00	43.54 1.80 0.00
DARBY___SOLAR 323810	43.96 1.73 0.00	43.75 1.76 0.00	41.90 1.65 0.00	40.88 1.68 0.00	42.14 1.70 0.00	44.92 2.06 0.00	63.50 3.48 0.00	69.41 3.99 0.00	55.48 2.39 0.00	46.27 1.69 0.00	44.18 1.45 0.00	42.19 1.43 0.00	42.38 1.39 0.00	43.46 1.43 0.00	43.18 1.46 0.00	44.10 1.53 0.00	45.59 1.58 0.00	51.27 2.07 0.00	57.62 2.43 0.00	66.94 3.49 0.00	62.39 3.14 0.00	53.81 2.46 0.00	45.59 1.88 0.00	43.58 1.83 0.00
DASHVILLE___HYD 23610	43.58 1.35 0.00	43.33 1.34 0.00	41.49 1.25 0.00	40.53 1.33 0.00	41.78 1.33 0.00	44.23 1.37 0.00	62.66 2.64 0.00	68.63 3.21 0.00	54.90 1.81 0.00	46.00 1.43 0.00	44.01 1.28 0.00	41.99 1.22 0.00	42.05 1.07 0.00	43.00 0.97 0.00	42.77 1.04 0.00	43.72 1.15 0.00	45.37 1.36 0.00	50.78 1.57 0.00	57.07 1.88 0.00	66.37 2.92 0.00	61.80 2.55 0.00	53.20 1.85 0.00	45.19 1.49 0.00	43.13 1.38 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	44.68 2.45 -0.01	45.18 3.19 -0.01	42.75 2.50 -0.01	41.86 2.67 0.00	43.81 3.36 -0.01	46.55 3.69 -0.01	67.10 6.84 -0.23	80.05 7.79 -6.84	57.13 4.03 0.00	47.74 3.16 0.00	45.55 2.82 0.00	43.62 2.85 0.00	42.18 1.19 0.00	43.46 1.43 0.00	43.82 2.09 -0.01	44.92 2.34 -0.01	46.88 2.86 -0.01	52.71 3.49 -0.01	59.07 3.86 -0.01	73.94 7.11 -3.38	65.01 5.75 -0.01	55.77 4.42 -0.01	50.81 3.63 -3.48	47.33 3.55 -2.03
DELAWARE___LFGE 323621	43.28 1.06 0.00	43.12 1.13 0.00	41.41 1.17 0.00	40.29 1.10 0.00	41.62 1.17 0.00	43.97 1.11 0.00	62.00 1.98 0.00	67.71 2.29 0.00	54.58 1.49 0.00	45.74 1.16 0.00	43.84 1.11 0.00	41.83 1.06 0.00	42.10 1.11 0.00	43.21 1.18 0.00	42.89 1.17 0.00	43.72 1.15 0.00	45.20 1.19 0.00	50.58 1.38 0.00	56.74 1.55 0.00	65.61 2.16 0.00	61.21 1.96 0.00	52.78 1.44 0.00	44.84 1.14 0.00	42.83 1.09 0.00
DERFIELD_115KV_TB7 355931	42.40 0.17 0.00	42.19 0.21 0.00	40.45 0.20 0.00	39.39 0.20 0.00	40.65 0.20 0.00	43.07 0.21 0.00	60.50 0.48 0.00	66.01 0.59 0.00	53.30 0.21 0.00	44.75 0.18 0.00	42.90 0.17 0.00	40.93 0.16 0.00	41.11 0.12 0.00	42.16 0.13 0.00	41.89 0.17 0.00	42.70 0.13 0.00	44.14 0.13 0.00	49.40 0.20 0.00	55.42 0.22 0.00	63.90 0.44 0.00	59.61 0.36 0.00	51.55 0.21 0.00	43.84 0.13 0.00	41.87 0.13 0.00
DOGLEVILLE___HYD 23807	43.24 1.01 0.00	43.03 1.05 0.00	41.25 1.01 0.00	40.10 0.90 0.00	41.41 0.97 0.00	43.93 1.07 0.00	61.52 1.50 0.00	66.86 1.44 0.00	53.73 0.64 0.00	44.93 0.35 0.00	43.07 0.34 0.00	41.09 0.32 0.00	41.36 0.37 0.00	42.37 0.33 0.00	41.93 0.21 0.00	42.65 0.09 0.00	44.05 0.04 0.00	49.06 -0.15 0.00	54.87 -0.33 0.00	63.20 -0.25 0.00	58.84 -0.41 0.00	50.83 -0.51 0.00	43.27 -0.44 0.00	41.29 -0.46 0.00
DUNKIRK___115KV_TB_200 55889	42.18 -0.04 0.00	41.23 -0.76 0.00	39.52 -0.72 0.00	37.59 -1.61 0.00	39.64 -0.81 0.00	42.04 -0.81 0.00	58.40 -1.62 0.00	62.61 -2.81 0.00	51.87 -1.22 0.00	43.60 -0.98 0.00	42.39 -0.34 0.00	40.60 -0.16 0.00	41.32 0.33 0.00	42.37 0.34 0.00	41.77 0.04 0.00	42.61 0.04 0.00	43.61 -0.40 0.00	48.76 -0.44 0.00	54.09 -1.10 0.00	61.42 -2.03 0.00	58.01 -1.24 0.00	50.63 -0.72 0.00	43.05 -0.66 0.00	41.42 -0.33 0.00
DUNKIRK___1 23563	42.18 -0.04 0.00	41.23 -0.76 0.00	39.52 -0.72 0.00	37.59 -1.61 0.00	39.64 -0.81 0.00	42.04 -0.81 0.00	58.40 -1.62 0.00	62.61 -2.81 0.00	51.87 -1.22 0.00	43.60 -0.98 0.00	42.39 -0.34 0.00	40.60 -0.16 0.00	41.32 0.33 0.00	42.37 0.34 0.00	41.77 0.04 0.00	42.61 0.04 0.00	43.61 -0.40 0.00	48.76 -0.44 0.00	54.09 -1.10 0.00	61.42 -2.03 0.00	58.01 -1.24 0.00	50.63 -0.72 0.00	43.05 -0.66 0.00	41.42 -0.33 0.00
DUNKIRK___2 23564	42.18 -0.04 0.00	41.23 -0.76 0.00	39.52 -0.72 0.00	37.59 -1.61 0.00	39.64 -0.81 0.00	42.04 -0.81 0.00	58.40 -1.62 0.00	62.61 -2.81 0.00	51.87 -1.22 0.00	43.60 -0.98 0.00	42.39 -0.34 0.00	40.60 -0.16 0.00	41.32 0.33 0.00	42.37 0.34 0.00	41.77 0.04 0.00	42.61 0.04 0.00	43.61 -0.40 0.00	48.76 -0.44 0.00	54.09 -1.10 0.00	61.42 -2.03 0.00	58.01 -1.24 0.00	50.63 -0.72 0.00	43.05 -0.66 0.00	41.42 -0.33 0.00
DUNKIRK___3 23565	41.93 -0.30 0.00	41.02 -0.97 0.00	39.32 -0.93 0.00	37.39 -1.80 0.00	39.43 -1.01 0.00	41.83 -1.03 0.00	58.04 -1.98 0.00	62.22 -3.21 0.00	51.60 -1.49 0.00	43.33 -1.25 0.00	42.17 -0.56 0.00	40.36 -0.41 0.00	41.07 0.08 0.00	42.12 0.08 0.00	41.52 -0.21 0.00	42.40 -0.17 0.00	43.39 -0.62 0.00	48.47 -0.74 0.00	53.76 -1.44 0.00	61.04 -2.41 0.00	57.60 -1.66 0.00	50.32 -1.03 0.00	42.83 -0.87 0.00	41.21 -0.54 0.00
DUNKIRK___4 23566	41.93 -0.30 0.00	41.02 -0.97 0.00	39.32 -0.93 0.00	37.39 -1.80 0.00	39.43 -1.01 0.00	41.83 -1.03 0.00	58.04 -1.98 0.00	62.22 -3.21 0.00	51.60 -1.49 0.00	43.33 -1.25 0.00	42.17 -0.56 0.00	40.36 -0.41 0.00	41.07 0.08 0.00	42.12 0.08 0.00	41.52 -0.21 0.00	42.40 -0.17 0.00	43.39 -0.62 0.00	48.47 -0.74 0.00	53.76 -1.44 0.00	61.04 -2.41 0.00	57.60 -1.66 0.00	50.32 -1.03 0.00	42.83 -0.87 0.00	41.21 -0.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	44.13 1.90 0.00	43.87 1.89 0.00	41.90 1.65 0.00	41.00 1.80 0.00	42.26 1.82 0.00	44.83 1.97 0.00	63.62 3.60 0.00	69.94 4.51 0.00	55.85 2.76 0.00	46.94 2.36 0.00	44.86 2.14 0.00	42.88 2.12 0.00	42.96 1.97 0.00	43.88 1.85 0.00	43.69 1.96 0.00	44.61 2.04 0.00	46.34 2.33 0.00	51.91 2.71 0.00	58.23 3.04 0.00	67.70 4.25 0.00	63.05 3.79 0.00	54.33 2.98 0.00	46.07 2.36 0.00	43.84 2.09 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.66 1.44 0.00	43.41 1.43 0.00	41.53 1.29 0.00	40.61 1.41 0.00	41.86 1.42 0.00	44.32 1.46 0.00	62.78 2.76 0.00	68.89 3.47 0.00	55.11 2.02 0.00	46.27 1.69 0.00	44.22 1.50 0.00	42.23 1.47 0.00	42.30 1.31 0.00	43.25 1.22 0.00	43.06 1.34 0.00	43.97 1.40 0.00	45.59 1.58 0.00	51.08 1.87 0.00	57.35 2.15 0.00	66.69 3.24 0.00	62.10 2.84 0.00	53.40 2.05 0.00	45.37 1.66 0.00	43.25 1.50 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	44.30 2.07 -0.01	44.05 2.06 -0.01	42.11 1.85 -0.01	41.16 1.96 -0.01	42.43 1.98 -0.01	45.01 2.14 -0.01	63.80 3.78 0.00	70.26 4.84 0.00	56.22 3.13 0.01	47.20 2.63 0.01	45.15 2.44 0.01	43.16 2.41 0.01	43.19 2.21 0.01	44.13 2.10 0.01	43.93 2.21 0.01	44.86 2.30 0.01	46.60 2.60 0.01	52.20 3.00 0.01	58.61 3.42 0.01	67.96 4.51 0.00	63.28 4.03 0.01	54.63 3.29 0.01	46.29 2.58 -0.01	44.05 2.30 -0.01
E179THST_13_KV_LOAD 356214	44.47 2.24 -0.01	44.18 2.18 -0.01	42.23 1.97 -0.01	41.32 2.12 -0.01	42.56 2.10 -0.01	45.14 2.27 -0.01	64.04 4.02 0.00	70.59 5.17 0.00	56.43 3.34 0.01	47.42 2.85 0.01	45.33 2.61 0.01	43.37 2.61 0.01	43.40 2.42 0.01	44.34 2.31 0.01	44.09 2.38 0.01	45.07 2.51 0.01	46.82 2.82 0.01	52.45 3.25 0.01	58.89 3.70 0.01	68.27 4.82 0.00	63.57 4.33 0.01	54.88 3.54 0.01	46.47 2.75 -0.01	44.22 2.46 -0.01
EAST HAMPTON___GT 23717	44.60 2.36 -0.01	45.31 3.32 -0.01	43.03 2.77 -0.01	42.14 2.94 0.00	44.22 3.76 -0.01	47.02 4.16 -0.01	67.51 7.26 -0.23	80.18 7.91 -6.84	56.97 3.87 0.00	47.39 2.81 0.00	45.25 2.52 0.00	43.25 2.49 0.00	41.73 0.74 0.00	42.92 0.88 0.00	43.44 1.71 -0.01	44.66 2.09 -0.01	46.66 2.64 -0.01	52.56 3.35 -0.01	59.01 3.81 -0.01	73.94 7.11 -3.38	64.83 5.57 -0.01	55.67 4.31 -0.01	50.68 3.50 -3.48	47.49 3.71 -2.03
EAST RIVER___6 23660	44.34 2.11 0.00	44.04 2.06 0.00	42.06 1.81 0.00	41.04 1.84 0.00	42.43 1.98 0.00	45.00 2.14 0.00	63.92 3.90 0.00	70.33 4.91 0.00	56.28 3.19 0.00	47.25 2.67 0.00	45.29 2.56 0.00	43.25 2.49 0.00	43.32 2.34 0.00	44.26 2.23 0.00	44.02 2.29 0.00	44.95 2.38 0.00	46.65 2.64 0.00	52.36 3.15 0.00	58.68 3.48 0.00	68.21 4.76 0.00	63.46 4.21 0.00	54.68 3.34 0.00	46.29 2.58 0.00	44.09 2.34 0.00
EAST RIVER___7 23524	44.34 2.11 0.00	44.04 2.06 0.00	42.06 1.81 0.00	41.04 1.84 0.00	42.43 1.98 0.00	45.00 2.14 0.00	63.92 3.90 0.00	70.33 4.91 0.00	56.28 3.19 0.00	47.25 2.67 0.00	45.29 2.56 0.00	43.25 2.49 0.00	43.32 2.34 0.00	44.26 2.23 0.00	44.02 2.29 0.00	44.95 2.38 0.00	46.65 2.64 0.00	52.36 3.15 0.00	58.68 3.48 0.00	68.21 4.76 0.00	63.46 4.21 0.00	54.68 3.34 0.00	46.29 2.58 0.00	44.09 2.34 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.00 1.77 0.00	43.75 1.76 0.00	41.82 1.57 0.00	40.88 1.69 0.00	42.14 1.70 0.00	44.70 1.84 0.00	63.38 3.36 0.00	69.67 4.25 0.00	55.69 2.60 0.00	46.81 2.23 0.00	44.74 2.01 0.00	42.76 2.00 0.00	42.79 1.80 0.00	43.76 1.72 0.00	43.52 1.79 0.00	44.48 1.92 0.00	46.16 2.16 0.00	51.71 2.51 0.00	58.07 2.87 0.00	67.45 4.00 0.00	62.81 3.56 0.00	54.12 2.77 0.00	45.89 2.19 0.00	43.71 1.96 0.00
EAST_HAMPTON___DIESEL 23722	44.56 2.32 -0.01	45.31 3.32 -0.01	43.03 2.77 -0.01	42.14 2.94 0.00	44.22 3.76 -0.01	47.07 4.20 -0.01	67.51 7.26 -0.23	80.18 7.91 -6.84	56.97 3.87 0.00	47.39 2.81 0.00	45.20 2.48 0.00	43.21 2.45 0.00	41.68 0.70 0.00	42.88 0.84 0.00	43.36 1.63 -0.01	44.62 2.04 -0.01	46.61 2.60 -0.01	52.51 3.30 -0.01	58.96 3.76 -0.01	73.88 7.04 -3.38	64.78 5.51 -0.01	55.62 4.26 -0.01	50.64 3.45 -3.48	47.45 3.67 -2.03
EAST_POINT___SOLAR 323840	45.06 2.83 0.00	44.88 2.89 0.00	43.02 2.77 0.00	41.94 2.74 0.00	43.27 2.83 0.00	46.29 3.43 0.00	65.66 5.64 0.00	71.51 6.09 0.00	56.22 3.13 0.00	46.23 1.65 0.00	43.45 0.73 0.00	41.29 0.53 0.00	42.55 1.56 0.00	43.84 1.81 0.00	43.69 1.96 0.00	44.31 1.75 0.00	46.08 2.07 0.00	52.16 2.95 0.00	59.12 3.92 0.00	68.97 5.52 0.00	64.35 5.10 0.00	55.25 3.90 0.00	46.64 2.93 0.00	44.55 2.80 0.00
EAST_PULASKI___ESR 323781	41.68 -0.55 0.00	41.40 -0.59 0.00	39.72 -0.52 0.00	38.61 -0.59 0.00	39.88 -0.57 0.00	42.39 -0.47 0.00	59.60 -0.42 0.00	64.70 -0.72 0.00	52.35 -0.74 0.00	43.86 -0.71 0.00	42.13 -0.60 0.00	40.11 -0.65 0.00	40.41 -0.57 0.00	41.57 -0.46 0.00	41.18 -0.54 0.00	42.01 -0.55 0.00	43.39 -0.62 0.00	48.52 -0.69 0.00	54.54 -0.66 0.00	62.88 -0.57 0.00	58.78 -0.48 0.00	50.73 -0.61 0.00	43.10 -0.61 0.00	41.12 -0.63 0.00
EAST_RIVER___1 323558	44.30 2.07 0.00	43.96 1.97 0.00	42.01 1.77 0.00	41.00 1.80 0.00	42.39 1.94 0.00	44.96 2.10 0.00	63.86 3.84 0.00	70.26 4.84 0.00	56.22 3.13 0.00	47.21 2.63 0.00	45.20 2.48 0.00	43.17 2.40 0.00	43.24 2.25 0.00	44.18 2.14 0.00	43.93 2.21 0.00	44.91 2.34 0.00	46.56 2.55 0.00	52.26 3.05 0.00	58.62 3.42 0.00	68.08 4.63 0.00	63.34 4.09 0.00	54.58 3.24 0.00	46.24 2.53 0.00	44.00 2.25 0.00
EAST_RIVER___2 323559	44.34 2.11 0.00	44.04 2.06 0.00	42.06 1.81 0.00	41.04 1.84 0.00	42.43 1.98 0.00	45.00 2.14 0.00	63.92 3.90 0.00	70.33 4.91 0.00	56.28 3.19 0.00	47.25 2.67 0.00	45.29 2.56 0.00	43.25 2.49 0.00	43.32 2.34 0.00	44.26 2.23 0.00	44.02 2.29 0.00	44.95 2.38 0.00	46.65 2.64 0.00	52.36 3.15 0.00	58.68 3.48 0.00	68.21 4.76 0.00	63.46 4.21 0.00	54.68 3.34 0.00	46.29 2.58 0.00	44.09 2.34 0.00
EAST___DELAWARE_HYD 23607	44.38 2.15 0.00	44.12 2.14 0.00	42.22 1.97 0.00	41.15 1.96 0.00	42.55 2.10 0.00	45.04 2.18 0.00	63.92 3.90 0.00	69.81 4.38 0.00	55.90 2.81 0.00	46.76 2.18 0.00	44.78 2.05 0.00	42.60 1.84 0.00	42.75 1.76 0.00	43.76 1.72 0.00	43.56 1.83 0.00	44.44 1.87 0.00	46.08 2.07 0.00	51.66 2.46 0.00	57.96 2.76 0.00	67.39 3.94 0.00	62.69 3.44 0.00	53.81 2.46 0.00	45.72 2.01 0.00	43.71 1.96 0.00
EIGHT_POINT___WT_PWR 323820	42.74 0.51 0.00	41.94 -0.04 0.00	40.17 -0.08 0.00	38.77 -0.43 0.00	40.16 -0.28 0.00	42.77 -0.09 0.00	59.84 -0.18 0.00	64.37 -1.05 0.00	52.66 -0.43 0.00	44.09 -0.49 0.00	42.43 -0.30 0.00	40.40 -0.37 0.00	40.78 -0.20 0.00	42.08 0.04 0.00	41.48 -0.25 0.00	42.48 -0.08 0.00	43.83 -0.18 0.00	48.96 -0.24 0.00	54.65 -0.55 0.00	62.56 -0.89 0.00	58.78 -0.48 0.00	50.83 -0.51 0.00	43.31 -0.39 0.00	41.37 -0.38 0.00
ELBRIDGE_115KV_TB2 80188	42.06 -0.17 0.00	41.69 -0.29 0.00	40.00 -0.24 0.00	38.80 -0.39 0.00	40.16 -0.28 0.00	42.60 -0.26 0.00	59.78 -0.24 0.00	65.03 -0.39 0.00	52.88 -0.21 0.00	44.35 -0.22 0.00	42.60 -0.13 0.00	40.64 -0.12 0.00	40.91 -0.08 0.00	42.08 0.04 0.00	41.68 -0.04 0.00	42.57 0.00 0.00	43.92 -0.09 0.00	49.11 -0.10 0.00	55.03 -0.17 0.00	63.26 -0.19 0.00	59.20 -0.06 0.00	51.14 -0.21 0.00	43.49 -0.22 0.00	41.54 -0.21 0.00
ELEC_TRO_TEK 24086	44.44 2.20 -0.02	44.18 2.18 -0.02	42.31 2.05 -0.02	41.35 2.16 0.00	42.77 2.31 -0.02	45.19 2.31 -0.02	64.40 3.96 -0.41	82.36 4.84 -12.10	55.96 2.87 0.00	47.21 2.63 0.00	44.99 2.26 0.00	43.09 2.32 0.00	42.63 1.64 0.00	43.80 1.77 0.00	43.95 2.21 -0.02	44.84 2.26 -0.02	46.49 2.46 -0.02	51.98 2.76 -0.02	58.30 3.09 -0.02	73.68 4.25 -5.98	63.06 3.79 -0.02	54.44 3.08 -0.02	52.39 2.54 -6.15	47.68 2.34 -3.59

ELLENBURG_WT_PWR 323604	42.06 -0.17 0.00	42.03 0.04 0.00	40.29 0.04 0.00	39.35 0.16 0.00	40.57 0.12 0.00	43.16 0.30 0.00	60.02 0.00 0.00	64.90 -0.53 0.00	53.73 0.64 0.00	45.15 0.58 0.00	43.20 0.47 0.00	41.05 0.29 0.00	41.44 0.45 0.00	42.54 0.51 0.00	42.23 0.50 0.00	43.04 0.47 0.00	44.49 0.48 0.00	49.55 0.35 0.00	55.59 0.39 0.00	62.94 -0.51 0.00	59.14 -0.12 0.00	51.55 0.21 0.00	44.02 0.31 0.00	42.04 0.29 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.42 -0.80 0.00	40.47 -1.51 0.00	38.80 -1.45 0.00	36.88 -2.31 0.00	38.95 -1.50 0.00	41.27 -1.59 0.00	57.08 -2.94 0.00	61.04 -4.38 0.00	50.86 -2.23 0.00	42.79 -1.78 0.00	41.79 -0.94 0.00	39.95 -0.82 0.00	40.66 -0.33 0.00	41.74 -0.29 0.00	41.14 -0.58 0.00	41.97 -0.60 0.00	42.91 -1.10 0.00	47.88 -1.33 0.00	52.99 -2.21 0.00	60.02 -3.43 0.00	56.77 -2.49 0.00	49.65 -1.69 0.00	42.35 -1.35 0.00	40.75 -1.00 0.00
EMPIRE_CC_1 323656	42.82 0.59 0.00	42.57 0.59 0.00	40.77 0.52 0.00	39.82 0.63 0.00	41.05 0.61 0.00	43.54 0.68 0.00	61.28 1.26 0.00	67.19 1.77 0.00	53.83 0.74 0.00	45.15 0.58 0.00	43.24 0.51 0.00	41.34 0.57 0.00	41.40 0.41 0.00	42.25 0.21 0.00	42.02 0.29 0.00	42.87 0.30 0.00	44.36 0.35 0.00	49.84 0.64 0.00	56.03 0.83 0.00	65.04 1.59 0.00	60.62 1.36 0.00	52.27 0.93 0.00	44.45 0.74 0.00	42.50 0.75 0.00
EMPIRE_CC_2 323658	42.82 0.59 0.00	42.57 0.59 0.00	40.77 0.52 0.00	39.82 0.63 0.00	41.05 0.61 0.00	43.54 0.68 0.00	61.28 1.26 0.00	67.19 1.77 0.00	53.83 0.74 0.00	45.15 0.58 0.00	43.24 0.51 0.00	41.34 0.57 0.00	41.40 0.41 0.00	42.25 0.21 0.00	42.02 0.29 0.00	42.87 0.30 0.00	44.36 0.35 0.00	49.84 0.64 0.00	56.03 0.83 0.00	65.04 1.59 0.00	60.62 1.36 0.00	52.27 0.93 0.00	44.45 0.74 0.00	42.50 0.75 0.00
ENORWICH_115KV_TB1 80156	46.24 4.01 0.00	46.06 4.07 0.00	44.11 3.86 0.00	42.72 3.53 0.00	44.21 3.76 0.00	47.19 4.33 0.00	66.86 6.84 0.00	72.62 7.20 0.00	58.03 4.94 0.00	48.28 3.70 0.00	46.19 3.46 0.00	43.90 3.14 0.00	44.27 3.28 0.00	45.73 3.70 0.00	45.31 3.59 0.00	45.42 2.85 0.00	46.87 2.86 0.00	52.55 3.35 0.00	59.23 4.03 0.00	68.34 4.89 0.00	63.76 4.50 0.00	54.79 3.44 0.00	46.50 2.80 0.00	44.42 2.67 0.00
ERIE_ST__34_KV_TB1-2 80199	41.76 -0.46 0.00	40.85 -1.13 0.00	39.16 -1.09 0.00	37.24 -1.96 0.00	39.31 -1.13 0.00	41.70 -1.16 0.00	57.80 -2.22 0.00	61.95 -3.47 0.00	51.50 -1.59 0.00	43.24 -1.34 0.00	42.13 -0.60 0.00	40.32 -0.45 0.00	41.03 0.04 0.00	42.08 0.04 0.00	41.47 -0.25 0.00	42.31 -0.26 0.00	43.26 -0.75 0.00	48.32 -0.89 0.00	53.60 -1.60 0.00	60.79 -2.66 0.00	57.36 -1.90 0.00	50.06 -1.28 0.00	42.57 -1.14 0.00	41.00 -0.75 0.00
ERIE_WT_PWR 323693	41.68 -0.55 0.00	40.77 -1.22 0.00	39.20 -1.05 0.00	37.79 -1.41 0.00	39.31 -1.13 0.00	41.74 -1.11 0.00	57.86 -2.16 0.00	62.15 -3.27 0.00	51.45 -1.65 0.00	43.42 -1.16 0.00	42.04 -0.69 0.00	40.44 -0.33 0.00	40.95 -0.04 0.00	42.08 0.04 0.00	41.43 -0.29 0.00	42.36 -0.21 0.00	43.57 -0.44 0.00	48.27 -0.94 0.00	53.43 -1.77 0.00	60.79 -2.66 0.00	57.42 -1.84 0.00	50.07 -1.28 0.00	42.83 -0.87 0.00	41.00 -0.75 0.00
ESPRGFLD_115KV_TB1 80157	44.17 1.94 0.00	44.00 2.02 0.00	42.26 2.01 0.00	41.08 1.88 0.00	42.47 2.02 0.00	45.17 2.31 0.00	63.86 3.84 0.00	69.67 4.25 0.00	55.75 2.65 0.00	46.45 1.87 0.00	44.31 1.58 0.00	42.19 1.43 0.00	42.67 1.68 0.00	43.97 1.93 0.00	43.64 1.92 0.00	44.40 1.83 0.00	45.94 1.94 0.00	51.62 2.41 0.00	58.07 2.87 0.00	67.26 3.81 0.00	62.69 3.44 0.00	53.97 2.62 0.00	45.72 2.01 0.00	43.67 1.92 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.16 0.93 0.00	42.82 0.84 0.00	41.05 0.80 0.00	39.78 0.59 0.00	41.21 0.77 0.00	43.76 0.90 0.00	61.58 1.56 0.00	66.86 1.44 0.00	54.21 1.11 0.00	45.33 0.76 0.00	43.54 0.81 0.00	41.46 0.69 0.00	41.77 0.78 0.00	42.96 0.92 0.00	42.52 0.79 0.00	43.42 0.85 0.00	44.89 0.88 0.00	50.29 1.08 0.00	56.41 1.21 0.00	64.97 1.52 0.00	60.74 1.48 0.00	52.37 1.03 0.00	44.54 0.83 0.00	42.54 0.79 0.00
ETNA____115KV_TB2 80207	43.16 0.93 0.00	42.82 0.84 0.00	41.05 0.80 0.00	39.78 0.59 0.00	41.21 0.77 0.00	43.76 0.90 0.00	61.58 1.56 0.00	66.86 1.44 0.00	54.21 1.11 0.00	45.33 0.76 0.00	43.54 0.81 0.00	41.46 0.69 0.00	41.77 0.78 0.00	42.96 0.92 0.00	42.52 0.79 0.00	43.42 0.85 0.00	44.89 0.88 0.00	50.29 1.08 0.00	56.41 1.21 0.00	64.97 1.52 0.00	60.74 1.48 0.00	52.37 1.03 0.00	44.54 0.83 0.00	42.54 0.79 0.00
EUCLID__115KV_TB2 356179	41.80 -0.42 0.00	41.44 -0.55 0.00	39.76 -0.48 0.00	38.57 -0.63 0.00	39.92 -0.53 0.00	42.34 -0.51 0.00	59.48 -0.54 0.00	64.70 -0.72 0.00	52.56 -0.53 0.00	44.13 -0.45 0.00	42.39 -0.34 0.00	40.44 -0.33 0.00	40.74 -0.25 0.00	41.87 -0.17 0.00	41.47 -0.25 0.00	42.36 -0.21 0.00	43.70 -0.31 0.00	48.86 -0.34 0.00	54.70 -0.50 0.00	62.94 -0.51 0.00	58.84 -0.41 0.00	50.83 -0.51 0.00	43.27 -0.44 0.00	41.33 -0.42 0.00
E_CANADA_CAP_HY 24051	44.38 2.15 0.00	44.21 2.22 0.00	42.38 2.13 0.00	41.31 2.12 0.00	42.67 2.22 0.00	45.52 2.66 0.00	64.46 4.44 0.00	70.33 4.91 0.00	55.85 2.76 0.00	46.23 1.65 0.00	43.88 1.15 0.00	41.78 1.02 0.00	42.38 1.39 0.00	43.63 1.60 0.00	43.40 1.67 0.00	44.14 1.58 0.00	45.81 1.80 0.00	51.66 2.46 0.00	58.34 3.14 0.00	67.89 4.44 0.00	63.29 4.03 0.00	54.38 3.03 0.00	45.98 2.27 0.00	43.88 2.13 0.00
E_CANADA_MHWK_HY 24050	43.24 1.01 0.00	43.03 1.05 0.00	41.25 1.01 0.00	40.10 0.90 0.00	41.41 0.97 0.00	43.93 1.07 0.00	61.52 1.50 0.00	66.86 1.44 0.00	53.73 0.64 0.00	44.93 0.35 0.00	43.07 0.34 0.00	41.09 0.32 0.00	41.36 0.37 0.00	42.37 0.33 0.00	41.93 0.21 0.00	42.65 0.09 0.00	44.05 0.04 0.00	49.06 -0.15 0.00	54.87 -0.33 0.00	63.20 -0.25 0.00	58.84 -0.41 0.00	50.83 -0.51 0.00	43.27 -0.44 0.00	41.29 -0.46 0.00
E_FISHKILL__LBMP 23776	43.66 1.44 0.00	43.41 1.43 0.00	41.53 1.29 0.00	40.61 1.41 0.00	41.86 1.42 0.00	44.36 1.50 0.00	62.84 2.82 0.00	69.02 3.60 0.00	55.16 2.07 0.00	46.36 1.78 0.00	44.35 1.62 0.00	42.36 1.59 0.00	42.38 1.39 0.00	43.34 1.30 0.00	43.10 1.38 0.00	44.06 1.49 0.00	45.68 1.67 0.00	51.17 1.97 0.00	57.46 2.26 0.00	66.81 3.36 0.00	62.22 2.96 0.00	53.61 2.26 0.00	45.50 1.79 0.00	43.38 1.63 0.00
FALCON__SEABRD_CC1 323796	42.56 0.34 0.00	42.53 0.54 0.00	40.77 0.52 0.00	39.78 0.59 0.00	41.01 0.57 0.00	43.67 0.81 0.00	60.80 0.78 0.00	65.62 0.20 0.00	54.42 1.33 0.00	45.69 1.11 0.00	43.71 0.98 0.00	41.50 0.73 0.00	41.93 0.94 0.00	43.09 1.05 0.00	42.72 1.00 0.00	43.55 0.98 0.00	45.02 1.01 0.00	50.14 0.93 0.00	56.30 1.10 0.00	63.64 0.19 0.00	59.91 0.65 0.00	52.17 0.82 0.00	44.50 0.79 0.00	42.50 0.75 0.00

FALCON___SEABRD_CC2 323797	42.56 0.34 0.00	42.53 0.54 0.00	40.77 0.52 0.00	39.78 0.59 0.00	41.01 0.57 0.00	43.67 0.81 0.00	60.80 0.78 0.00	65.62 0.20 0.00	54.42 1.33 0.00	45.69 1.11 0.00	43.71 0.98 0.00	41.50 0.73 0.00	41.93 0.94 0.00	43.09 1.05 0.00	42.72 1.00 0.00	43.55 0.98 0.00	45.02 1.01 0.00	50.14 0.93 0.00	56.30 1.10 0.00	63.64 0.19 0.00	59.91 0.65 0.00	52.17 0.82 0.00	44.50 0.79 0.00	42.50 0.75 0.00
FAR ROCKAWAY___4 23548	45.07 2.83 -0.01	44.77 2.77 -0.01	42.92 2.66 -0.01	41.90 2.70 0.00	43.29 2.83 -0.01	45.79 2.91 -0.01	65.14 4.74 -0.38	82.19 5.69 -11.08	56.75 3.66 0.00	47.88 3.30 0.00	45.55 2.82 0.00	43.66 2.89 0.00	43.16 2.17 0.00	44.39 2.35 0.00	44.58 2.84 -0.01	45.48 2.89 -0.01	47.15 3.12 -0.01	52.76 3.54 -0.01	59.19 3.97 -0.01	74.13 5.20 -5.48	64.01 4.74 -0.01	55.26 3.90 -0.01	52.53 3.19 -5.63	48.00 2.96 -3.29
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.12 1.92 0.00	42.35 1.90 0.00	44.96 2.10 0.00	63.86 3.84 0.00	70.33 4.91 0.00	56.22 3.13 0.00	47.25 2.67 0.00	45.16 2.44 0.00	43.21 2.45 0.00	43.24 2.25 0.00	44.18 2.14 0.00	43.94 2.21 0.00	44.87 2.30 0.00	46.60 2.60 0.00	52.26 3.05 0.00	58.62 3.42 0.00	68.08 4.63 0.00	63.40 4.15 0.00	54.58 3.23 0.00	46.24 2.54 0.00	44.00 2.25 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.12 1.92 0.00	42.39 1.94 0.00	44.96 2.10 0.00	63.86 3.84 0.00	70.39 4.97 0.00	56.22 3.13 0.00	47.25 2.67 0.00	45.16 2.44 0.00	43.21 2.45 0.00	43.24 2.25 0.00	44.18 2.14 0.00	43.94 2.21 0.00	44.91 2.34 0.00	46.65 2.64 0.00	52.26 3.05 0.00	58.67 3.48 0.00	68.08 4.63 0.00	63.40 4.15 0.00	54.63 3.29 0.00	46.29 2.58 0.00	44.00 2.25 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.25 2.03 0.00	43.96 1.97 0.00	41.98 1.73 0.00	41.08 1.88 0.00	42.35 1.90 0.00	44.96 2.10 0.00	63.86 3.84 0.00	70.33 4.91 0.00	56.22 3.13 0.00	47.25 2.67 0.00	45.16 2.44 0.00	43.17 2.41 0.00	43.24 2.25 0.00	44.18 2.14 0.00	43.94 2.21 0.00	44.87 2.30 0.00	46.60 2.60 0.00	52.21 3.00 0.00	58.62 3.42 0.00	68.02 4.57 0.00	63.34 4.09 0.00	54.58 3.23 0.00	46.24 2.54 0.00	44.00 2.25 0.00
FARRAGUT___LBMP 323566	44.21 1.98 0.00	43.92 1.93 0.00	41.98 1.73 0.00	41.08 1.88 0.00	42.35 1.90 0.00	44.92 2.06 0.00	63.80 3.78 0.00	70.26 4.84 0.00	56.17 3.08 0.00	47.21 2.63 0.00	45.12 2.39 0.00	43.17 2.41 0.00	43.20 2.21 0.00	44.14 2.10 0.00	43.89 2.17 0.00	44.82 2.26 0.00	46.56 2.55 0.00	52.16 2.95 0.00	58.56 3.37 0.00	68.02 4.57 0.00	63.34 4.09 0.00	54.53 3.18 0.00	46.20 2.49 0.00	43.96 2.21 0.00
FENNER___WINDPWR 24204	43.11 0.89 0.00	42.82 0.84 0.00	41.09 0.85 0.00	39.94 0.74 0.00	41.25 0.81 0.00	43.85 0.99 0.00	61.70 1.68 0.00	66.99 1.57 0.00	54.21 1.12 0.00	45.38 0.80 0.00	43.58 0.85 0.00	41.50 0.73 0.00	41.81 0.82 0.00	43.00 0.97 0.00	42.60 0.88 0.00	43.50 0.94 0.00	44.97 0.97 0.00	50.29 1.08 0.00	56.41 1.21 0.00	65.04 1.59 0.00	60.74 1.48 0.00	52.37 1.03 0.00	44.54 0.83 0.00	42.54 0.79 0.00
FIBERTEK___ENERGY 23856	42.23 0.00 0.00	41.90 -0.08 0.00	40.21 -0.04 0.00	39.00 -0.20 0.00	40.36 -0.08 0.00	42.82 -0.04 0.00	60.14 0.12 0.00	65.42 0.00 0.00	53.14 0.05 0.00	44.62 0.04 0.00	42.86 0.13 0.00	40.89 0.12 0.00	41.19 0.20 0.00	42.37 0.34 0.00	41.97 0.25 0.00	42.87 0.30 0.00	44.23 0.22 0.00	49.40 0.20 0.00	55.36 0.17 0.00	63.64 0.19 0.00	59.49 0.24 0.00	51.40 0.05 0.00	43.71 0.00 0.00	41.75 0.00 0.00
FITZPATRICK____ 23598	41.26 -0.97 0.00	40.94 -1.05 0.00	39.28 -0.97 0.00	38.18 -1.02 0.00	39.44 -1.01 0.00	41.83 -1.03 0.00	58.70 -1.32 0.00	63.85 -1.57 0.00	51.87 -1.22 0.00	43.55 -1.02 0.00	41.79 -0.94 0.00	39.87 -0.90 0.00	40.13 -0.86 0.00	41.23 -0.80 0.00	40.85 -0.88 0.00	41.72 -0.85 0.00	43.08 -0.93 0.00	48.12 -1.08 0.00	53.93 -1.27 0.00	62.06 -1.40 0.00	58.01 -1.25 0.00	50.17 -1.18 0.00	42.70 -1.00 0.00	40.75 -1.00 0.00
FLOWRFLD_69_KV_BK1 356044	44.94 2.70 -0.01	44.89 2.90 -0.01	42.67 2.41 -0.01	41.67 2.47 0.00	43.33 2.87 -0.01	45.91 3.04 -0.01	65.60 5.34 -0.24	78.38 6.08 -6.88	56.49 3.40 0.00	47.56 2.99 0.00	45.29 2.56 0.00	43.46 2.69 0.00	42.46 1.48 0.00	43.76 1.72 0.00	44.20 2.46 -0.01	45.22 2.64 -0.01	47.01 2.99 -0.01	52.56 3.35 -0.01	58.96 3.75 -0.01	72.56 5.71 -3.40	64.36 5.10 -0.01	55.36 4.01 -0.01	50.57 3.37 -3.49	47.01 3.21 -2.04
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.04 1.82 0.00	43.79 1.81 0.00	41.90 1.65 0.00	40.92 1.72 0.00	42.18 1.74 0.00	44.70 1.84 0.00	63.44 3.42 0.00	69.54 4.12 0.00	55.64 2.55 0.00	46.63 2.05 0.00	44.61 1.88 0.00	42.56 1.79 0.00	42.63 1.64 0.00	43.63 1.60 0.00	43.39 1.67 0.00	44.36 1.79 0.00	45.99 1.98 0.00	51.52 2.31 0.00	57.85 2.65 0.00	67.32 3.87 0.00	62.69 3.44 0.00	53.86 2.52 0.00	45.72 2.01 0.00	43.59 1.84 0.00
FORT ORANGE____ 23900	42.77 0.55 0.00	42.53 0.54 0.00	40.73 0.48 0.00	39.78 0.59 0.00	41.05 0.61 0.00	43.54 0.68 0.00	61.28 1.26 0.00	67.06 1.64 0.00	53.89 0.80 0.00	45.11 0.54 0.00	43.15 0.43 0.00	41.21 0.45 0.00	41.36 0.37 0.00	42.20 0.17 0.00	42.02 0.29 0.00	42.83 0.26 0.00	44.32 0.31 0.00	49.75 0.54 0.00	55.91 0.72 0.00	64.97 1.52 0.00	60.56 1.30 0.00	52.17 0.82 0.00	44.36 0.66 0.00	42.42 0.67 0.00
FORT_DRUM_COGEN 23780	42.40 0.17 0.00	42.24 0.25 0.00	40.49 0.24 0.00	39.31 0.12 0.00	40.61 0.16 0.00	43.33 0.47 0.00	61.04 1.02 0.00	65.81 0.39 0.00	52.77 -0.32 0.00	44.04 -0.53 0.00	42.43 -0.30 0.00	40.28 -0.49 0.00	40.62 -0.37 0.00	41.91 -0.13 0.00	41.56 -0.17 0.00	42.36 -0.21 0.00	43.48 -0.53 0.00	48.71 -0.49 0.00	54.98 -0.22 0.00	63.58 0.13 0.00	59.49 0.24 0.00	51.24 -0.10 0.00	43.49 -0.22 0.00	41.50 -0.25 0.00
FOX_HILLS___ESR 323835	56.18 2.49 -11.46	56.22 2.48 -11.76	55.55 2.21 -13.09	55.63 2.31 -14.12	56.25 2.35 -13.46	56.26 2.53 -10.88	64.23 4.20 -0.01	70.72 5.30 0.00	65.75 3.34 -9.31	72.93 2.81 -25.55	73.52 2.56 -28.23	76.28 2.53 -32.98	76.96 2.38 -33.59	76.06 2.27 -31.76	76.21 2.34 -32.15	75.36 2.47 -30.32	75.33 2.77 -28.55	103.68 3.20 -51.27	66.80 3.64 -7.96	68.46 4.95 -0.06	65.79 4.44 -2.09	68.96 3.44 -14.17	61.51 2.84 -14.96	57.04 2.63 -12.66
FPL FAR_ROCK_GT1 24212	45.11 2.87 -0.01	44.81 2.81 -0.01	42.87 2.61 -0.01	41.82 2.63 0.00	43.29 2.83 -0.01	45.79 2.92 -0.01	65.14 4.74 -0.38	82.13 5.63 -11.08	56.44 3.35 0.00	47.47 2.90 0.00	45.33 2.61 0.00	43.41 2.65 0.00	42.92 1.93 0.00	44.18 2.14 0.00	44.53 2.80 -0.01	45.48 2.90 -0.01	47.10 3.08 -0.01	52.76 3.54 -0.01	59.13 3.92 -0.01	74.07 5.14 -5.48	64.01 4.74 -0.01	55.32 3.95 -0.01	52.53 3.19 -5.63	48.00 2.96 -3.29

FPL FAR_ROCK_GT2 23815	45.11 2.87 -0.01	44.81 2.81 -0.01	42.87 2.61 -0.01	41.82 2.63 0.00	43.29 2.83 -0.01	45.79 2.92 -0.01	65.14 4.74 -0.38	82.13 5.63 -11.08	56.44 3.35 0.00	47.47 2.90 0.00	45.33 2.61 0.00	43.41 2.65 0.00	42.92 1.93 0.00	44.18 2.14 0.00	44.53 2.80 -0.01	45.48 2.90 -0.01	47.10 3.08 -0.01	52.76 3.54 -0.01	59.13 3.92 -0.01	74.07 5.14 -5.48	64.01 4.74 -0.01	55.32 3.95 -0.01	52.53 3.19 -5.63	48.00 2.96 -3.29
FRANKLIN_FALL_HYD 24054	42.40 0.17 0.00	42.40 0.42 0.00	40.57 0.32 0.00	39.63 0.43 0.00	40.77 0.32 0.00	43.42 0.56 0.00	60.44 0.42 0.00	64.96 -0.46 0.00	53.99 0.90 0.00	45.38 0.80 0.00	43.37 0.64 0.00	41.17 0.41 0.00	41.64 0.66 0.00	42.79 0.76 0.00	42.43 0.71 0.00	43.21 0.64 0.00	44.71 0.70 0.00	49.75 0.54 0.00	55.86 0.66 0.00	63.07 -0.38 0.00	59.49 0.24 0.00	51.81 0.46 0.00	44.23 0.52 0.00	42.21 0.46 0.00
FREEPORT_EQUUS_GT1 23764	44.77 2.53 -0.01	44.52 2.52 -0.01	42.55 2.29 -0.01	41.51 2.31 0.00	43.01 2.55 -0.01	45.53 2.66 -0.01	64.66 4.32 -0.32	79.72 5.11 -9.20	55.90 2.81 0.00	47.03 2.45 0.00	44.95 2.22 0.00	42.97 2.20 0.00	42.46 1.47 0.00	43.67 1.64 0.00	44.11 2.38 -0.01	45.09 2.51 -0.01	46.70 2.68 -0.01	52.32 3.10 -0.01	58.63 3.42 -0.01	72.76 4.76 -4.55	63.54 4.27 -0.01	54.85 3.49 -0.01	51.22 2.84 -4.67	47.19 2.71 -2.73
FREEPORT___CT2 23818	44.77 2.53 -0.01	44.52 2.52 -0.01	42.55 2.29 -0.01	41.51 2.31 0.00	43.01 2.55 -0.01	45.53 2.66 -0.01	64.66 4.32 -0.32	79.72 5.11 -9.20	55.90 2.81 0.00	47.03 2.45 0.00	44.95 2.22 0.00	42.97 2.20 0.00	42.46 1.47 0.00	43.67 1.64 0.00	44.11 2.38 -0.01	45.09 2.51 -0.01	46.70 2.68 -0.01	52.32 3.10 -0.01	58.63 3.42 -0.01	72.76 4.76 -4.55	63.54 4.27 -0.01	54.85 3.49 -0.01	51.22 2.84 -4.67	47.19 2.71 -2.73
FRESHKLS_33_KV_LOAD 356253	56.18 2.49 -11.46	56.22 2.48 -11.76	55.51 2.17 -13.09	55.63 2.31 -14.12	56.21 2.31 -13.46	56.22 2.49 -10.88	64.05 4.02 -0.01	70.52 5.10 0.00	61.16 3.13 -4.94	60.38 2.63 -13.18	59.75 2.35 -14.67	59.82 2.36 -16.69	59.78 2.17 -16.62	59.83 2.10 -15.69	59.74 2.13 -15.89	59.83 2.30 -14.96	60.67 2.60 -14.07	61.10 3.00 -8.89	66.69 3.53 -7.96	68.28 4.82 -0.01	63.59 4.33 -0.01	68.81 3.29 -14.17	59.79 2.75 -13.33	57.00 2.59 -12.66
FULTON COGEN____ 23766	41.55 -0.68 0.00	41.23 -0.76 0.00	39.52 -0.72 0.00	38.37 -0.82 0.00	39.68 -0.77 0.00	42.13 -0.73 0.00	59.18 -0.84 0.00	64.38 -1.05 0.00	52.24 -0.85 0.00	43.86 -0.71 0.00	42.13 -0.60 0.00	40.19 -0.57 0.00	40.46 -0.53 0.00	41.57 -0.46 0.00	41.22 -0.50 0.00	42.06 -0.51 0.00	43.39 -0.62 0.00	48.52 -0.69 0.00	54.42 -0.77 0.00	62.63 -0.82 0.00	58.54 -0.71 0.00	50.58 -0.77 0.00	43.01 -0.70 0.00	41.04 -0.71 0.00
FULTON___LFGE 323630	44.67 2.45 0.00	44.46 2.48 0.00	42.62 2.37 0.00	41.55 2.35 0.00	42.91 2.47 0.00	45.81 2.96 0.00	64.88 4.86 0.00	70.79 5.37 0.00	56.22 3.13 0.00	46.58 2.01 0.00	44.22 1.49 0.00	42.11 1.34 0.00	42.63 1.64 0.00	43.88 1.85 0.00	43.64 1.92 0.00	44.44 1.87 0.00	46.12 2.11 0.00	52.06 2.85 0.00	58.68 3.48 0.00	68.27 4.82 0.00	63.64 4.38 0.00	54.74 3.39 0.00	46.24 2.53 0.00	44.17 2.42 0.00
G.F.CEMENT___DRP 24184	44.46 2.24 0.00	44.25 2.27 0.00	42.38 2.13 0.00	41.43 2.23 0.00	42.63 2.18 0.00	45.52 2.66 0.00	64.52 4.50 0.00	70.46 5.04 0.00	56.28 3.19 0.00	46.85 2.27 0.00	44.65 1.92 0.00	42.68 1.92 0.00	42.87 1.89 0.00	44.01 1.98 0.00	43.69 1.96 0.00	44.57 2.00 0.00	46.12 2.11 0.00	51.86 2.66 0.00	58.23 3.04 0.00	67.77 4.31 0.00	63.17 3.91 0.00	54.43 3.08 0.00	46.02 2.32 0.00	44.00 2.25 0.00
GARDENVILLE___LBMP 24039	41.55 -0.68 0.00	40.64 -1.34 0.00	38.96 -1.29 0.00	37.00 -2.19 0.00	39.11 -1.33 0.00	41.40 -1.46 0.00	57.32 -2.70 0.00	61.37 -4.06 0.00	51.07 -2.02 0.00	42.97 -1.60 0.00	41.87 -0.85 0.00	40.07 -0.69 0.00	40.78 -0.20 0.00	41.87 -0.17 0.00	41.27 -0.46 0.00	42.10 -0.47 0.00	43.04 -0.97 0.00	48.02 -1.18 0.00	53.21 -1.99 0.00	60.28 -3.17 0.00	57.00 -2.25 0.00	49.81 -1.54 0.00	42.44 -1.27 0.00	40.87 -0.88 0.00
GARDNVLA_35_KV_LD 355827	41.76 -0.46 0.00	40.85 -1.13 0.00	39.16 -1.09 0.00	37.20 -2.00 0.00	39.31 -1.13 0.00	41.66 -1.20 0.00	57.62 -2.40 0.00	61.69 -3.73 0.00	51.39 -1.70 0.00	43.24 -1.34 0.00	42.17 -0.56 0.00	40.36 -0.41 0.00	41.11 0.12 0.00	42.16 0.13 0.00	41.60 -0.13 0.00	42.44 -0.13 0.00	43.35 -0.66 0.00	48.37 -0.84 0.00	53.54 -1.66 0.00	60.66 -2.79 0.00	57.30 -1.96 0.00	50.11 -1.23 0.00	42.70 -1.01 0.00	41.08 -0.67 0.00
GELCKHM___115KV_LOAD 80723	41.93 -0.30 0.00	41.61 -0.38 0.00	39.88 -0.36 0.00	38.69 -0.51 0.00	40.08 -0.36 0.00	42.47 -0.39 0.00	59.66 -0.36 0.00	64.96 -0.46 0.00	52.72 -0.37 0.00	44.26 -0.31 0.00	42.56 -0.17 0.00	40.60 -0.16 0.00	40.87 -0.12 0.00	42.03 0.00 0.00	41.64 -0.08 0.00	42.53 -0.04 0.00	43.87 -0.13 0.00	49.06 -0.15 0.00	54.92 -0.28 0.00	63.20 -0.25 0.00	59.08 -0.18 0.00	51.04 -0.31 0.00	43.40 -0.31 0.00	41.46 -0.29 0.00
GENERAL___MILLS 23808	41.64 -0.59 0.00	40.73 -1.26 0.00	39.04 -1.21 0.00	37.08 -2.12 0.00	39.19 -1.25 0.00	41.53 -1.33 0.00	57.44 -2.58 0.00	61.50 -3.93 0.00	51.23 -1.86 0.00	43.06 -1.52 0.00	42.00 -0.73 0.00	40.19 -0.57 0.00	40.91 -0.08 0.00	41.99 -0.04 0.00	41.39 -0.33 0.00	42.23 -0.34 0.00	43.17 -0.84 0.00	48.17 -1.03 0.00	53.32 -1.88 0.00	60.41 -3.05 0.00	57.12 -2.13 0.00	49.96 -1.39 0.00	42.57 -1.14 0.00	40.96 -0.79 0.00
GE_PLASTICS___DRP 24183	42.73 0.51 0.00	42.49 0.50 0.00	40.73 0.48 0.00	39.82 0.63 0.00	41.01 0.57 0.00	43.46 0.60 0.00	61.16 1.14 0.00	66.93 1.50 0.00	53.78 0.69 0.00	45.11 0.53 0.00	43.15 0.43 0.00	41.21 0.45 0.00	41.36 0.37 0.00	42.24 0.21 0.00	42.02 0.29 0.00	42.91 0.34 0.00	44.40 0.40 0.00	49.75 0.54 0.00	55.91 0.72 0.00	64.85 1.40 0.00	60.44 1.19 0.00	52.12 0.77 0.00	44.32 0.61 0.00	42.33 0.58 0.00
GILBOA___1 23756	42.86 0.63 0.00	42.82 0.84 0.00	41.25 1.01 0.00	40.21 1.02 0.00	41.49 1.05 0.00	43.54 0.68 0.00	61.34 1.32 0.00	67.06 1.64 0.00	53.94 0.85 0.00	45.29 0.71 0.00	43.41 0.68 0.00	41.46 0.69 0.00	41.60 0.62 0.00	42.58 0.55 0.00	42.31 0.58 0.00	43.16 0.60 0.00	44.67 0.66 0.00	50.04 0.84 0.00	56.19 0.99 0.00	65.04 1.59 0.00	60.67 1.42 0.00	52.32 0.97 0.00	44.50 0.79 0.00	42.46 0.71 0.00
GILBOA___2 23757	42.86 0.63 0.00	42.82 0.84 0.00	41.25 1.01 0.00	40.21 1.02 0.00	41.49 1.05 0.00	43.54 0.68 0.00	61.34 1.32 0.00	67.06 1.64 0.00	53.94 0.85 0.00	45.29 0.71 0.00	43.41 0.68 0.00	41.46 0.69 0.00	41.60 0.62 0.00	42.58 0.55 0.00	42.31 0.58 0.00	43.16 0.60 0.00	44.67 0.66 0.00	50.04 0.84 0.00	56.19 0.99 0.00	65.04 1.59 0.00	60.67 1.42 0.00	52.32 0.97 0.00	44.50 0.79 0.00	42.46 0.71 0.00

GILBOA___3 23758	42.86 0.63 0.00	42.82 0.84 0.00	41.25 1.01 0.00	40.21 1.02 0.00	41.49 1.05 0.00	43.54 0.68 0.00	61.34 1.32 0.00	67.06 1.64 0.00	53.94 0.85 0.00	45.29 0.71 0.00	43.41 0.68 0.00	41.46 0.69 0.00	41.60 0.62 0.00	42.58 0.55 0.00	42.31 0.58 0.00	43.16 0.60 0.00	44.67 0.66 0.00	50.04 0.84 0.00	56.19 0.99 0.00	65.04 1.59 0.00	60.67 1.42 0.00	52.32 0.97 0.00	44.50 0.79 0.00	42.46 0.71 0.00
GILBOA___4 23759	42.86 0.63 0.00	42.82 0.84 0.00	41.25 1.01 0.00	40.21 1.02 0.00	41.49 1.05 0.00	43.54 0.68 0.00	61.34 1.32 0.00	67.06 1.64 0.00	53.94 0.85 0.00	45.29 0.71 0.00	43.41 0.68 0.00	41.46 0.69 0.00	41.60 0.62 0.00	42.58 0.55 0.00	42.31 0.58 0.00	43.16 0.60 0.00	44.67 0.66 0.00	50.04 0.84 0.00	56.19 0.99 0.00	65.04 1.59 0.00	60.67 1.42 0.00	52.32 0.97 0.00	44.50 0.79 0.00	42.46 0.71 0.00
GILBOA___ 23599	42.86 0.63 0.00	42.82 0.84 0.00	41.25 1.01 0.00	40.22 1.02 0.00	41.54 1.09 0.00	43.54 0.69 0.00	61.34 1.32 0.00	67.12 1.70 0.00	53.99 0.90 0.00	45.33 0.76 0.00	43.41 0.68 0.00	41.46 0.69 0.00	41.60 0.61 0.00	42.58 0.55 0.00	42.31 0.58 0.00	43.21 0.64 0.00	44.71 0.70 0.00	50.04 0.84 0.00	56.19 0.99 0.00	65.04 1.59 0.00	60.68 1.42 0.00	52.32 0.98 0.00	44.49 0.79 0.00	42.50 0.75 0.00
GINNA___ 23603	40.16 -2.07 0.00	39.59 -2.39 0.00	38.11 -2.13 0.00	36.85 -2.35 0.00	38.18 -2.26 0.00	40.50 -2.36 0.00	56.78 -3.24 0.00	61.50 -3.92 0.00	50.44 -2.65 0.00	42.35 -2.23 0.00	40.85 -1.88 0.00	39.05 -1.71 0.00	39.47 -1.52 0.00	40.73 -1.30 0.00	40.22 -1.50 0.00	41.08 -1.49 0.00	42.33 -1.67 0.00	47.09 -2.11 0.00	52.49 -2.70 0.00	60.15 -3.30 0.00	56.29 -2.96 0.00	48.78 -2.57 0.00	41.61 -2.10 0.00	39.70 -2.04 0.00
GLEN PARK___ 23778	42.56 0.34 0.00	42.40 0.42 0.00	40.65 0.40 0.00	39.51 0.31 0.00	40.77 0.32 0.00	43.54 0.68 0.00	61.34 1.32 0.00	66.21 0.79 0.00	52.93 -0.16 0.00	44.13 -0.45 0.00	42.51 -0.21 0.00	40.32 -0.45 0.00	40.66 -0.33 0.00	41.95 -0.08 0.00	41.60 -0.12 0.00	42.40 -0.17 0.00	43.61 -0.40 0.00	48.86 -0.34 0.00	55.25 0.06 0.00	63.96 0.51 0.00	59.91 0.65 0.00	51.55 0.21 0.00	43.75 0.04 0.00	41.71 -0.04 0.00
GLENDALE_27_KV_LOAD 356172	44.64 2.41 -0.01	44.34 2.35 -0.01	42.35 2.09 -0.01	41.44 2.23 -0.01	42.72 2.26 -0.01	45.75 2.49 -0.40	64.34 4.32 0.00	70.85 5.43 0.00	61.21 3.56 -4.56	60.47 3.03 -12.86	59.61 2.78 -14.11	60.45 2.77 -16.91	61.16 2.58 -17.59	61.16 2.48 -16.65	61.12 2.55 -16.85	61.17 2.68 -15.92	62.01 2.99 -15.01	61.95 3.44 -9.30	60.52 3.92 -1.41	68.59 5.14 0.00	64.17 4.62 -0.29	59.74 3.75 -4.65	48.75 2.93 -2.12	44.85 2.63 -0.47
GLENWOOD_IC_1_G5 23712	44.56 2.32 -0.02	44.31 2.31 -0.02	42.39 2.13 -0.02	41.43 2.23 0.00	42.77 2.31 -0.02	45.27 2.40 -0.02	64.57 4.14 -0.41	82.37 5.10 -11.85	56.22 3.13 0.00	47.38 2.81 0.00	45.16 2.44 0.00	43.25 2.49 0.00	43.00 2.01 0.00	44.09 2.06 0.00	44.12 2.38 -0.02	45.05 2.47 -0.02	46.75 2.73 -0.02	52.27 3.05 -0.02	58.63 3.42 -0.02	73.94 4.63 -5.86	63.48 4.21 -0.02	54.70 3.34 -0.02	52.44 2.71 -6.02	47.77 2.50 -3.52
GLENWOOD_IC_2_G1 23688	44.30 2.07 0.00	44.00 2.02 0.00	42.10 1.85 0.00	41.08 1.88 0.00	42.47 2.02 0.00	45.00 2.14 0.00	63.76 3.72 -0.02	70.51 4.58 -0.51	55.80 2.71 0.00	46.89 2.32 0.00	44.86 2.14 0.00	42.88 2.12 0.00	42.75 1.76 0.00	43.80 1.77 0.00	43.81 2.09 0.00	44.74 2.17 0.00	46.34 2.33 0.00	51.91 2.70 0.00	58.23 3.92 0.00	67.89 4.19 -0.25	63.10 3.85 0.00	54.38 3.03 0.00	46.37 2.40 -0.26	44.15 2.25 -0.15
GLENWOOD_IC_3_G1 23689	44.30 2.07 0.00	44.00 2.02 0.00	42.10 1.85 0.00	41.08 1.88 0.00	42.47 2.02 0.00	45.00 2.14 0.00	63.76 3.72 -0.02	70.51 4.58 -0.51	55.80 2.71 0.00	46.89 2.32 0.00	44.86 2.14 0.00	42.88 2.12 0.00	42.75 1.76 0.00	43.80 1.77 0.00	43.81 2.09 0.00	44.74 2.17 0.00	46.34 2.33 0.00	51.91 2.70 0.00	58.23 3.92 0.00	67.89 4.19 -0.25	63.10 3.85 0.00	54.38 3.03 0.00	46.37 2.40 -0.26	44.15 2.25 -0.15
GLENWOOD___4 23550	44.56 2.32 -0.02	44.31 2.31 -0.02	42.39 2.13 -0.02	41.43 2.23 0.00	42.77 2.31 -0.02	45.27 2.40 -0.02	64.57 4.14 -0.41	82.37 5.10 -11.85	56.22 3.13 0.00	47.38 2.81 0.00	45.16 2.44 0.00	43.25 2.49 0.00	43.00 2.01 0.00	44.09 2.06 0.00	44.12 2.38 -0.02	45.05 2.47 -0.02	46.75 2.73 -0.02	52.27 3.05 -0.02	58.63 3.42 -0.02	73.94 4.63 -5.86	63.48 4.21 -0.02	54.70 3.34 -0.02	52.44 2.71 -6.02	47.77 2.50 -3.52
GLENWOOD___5 23614	44.56 2.32 -0.02	44.31 2.31 -0.02	42.39 2.13 -0.02	41.43 2.23 0.00	42.77 2.31 -0.02	45.27 2.40 -0.02	64.57 4.14 -0.41	82.37 5.10 -11.85	56.22 3.13 0.00	47.38 2.81 0.00	45.16 2.44 0.00	43.25 2.49 0.00	43.00 2.01 0.00	44.09 2.06 0.00	44.12 2.38 -0.02	45.05 2.47 -0.02	46.75 2.73 -0.02	52.27 3.05 -0.02	58.63 3.42 -0.02	73.94 4.63 -5.86	63.48 4.21 -0.02	54.70 3.34 -0.02	52.44 2.71 -6.02	47.77 2.50 -3.52
GLOBAL GREEN_PORT_GT1 23814	44.85 2.62 -0.01	45.44 3.44 -0.01	43.07 2.82 -0.01	42.14 2.94 0.00	44.17 3.72 -0.01	46.98 4.11 -0.01	67.39 7.14 -0.23	80.11 7.85 -6.84	56.97 3.87 0.00	47.43 2.86 0.00	45.33 2.61 0.00	43.33 2.57 0.00	41.89 0.90 0.00	43.13 1.09 0.00	43.65 1.92 -0.01	44.87 2.30 -0.01	46.83 2.82 -0.01	52.76 3.54 -0.01	59.18 3.98 -0.01	74.06 7.23 -3.38	65.01 5.75 -0.01	55.82 4.46 -0.01	50.86 3.67 -3.48	47.62 3.84 -2.03
GLOBE___DSASP 323697	40.24 -1.98 0.00	39.34 -2.65 0.00	37.71 -2.54 0.00	35.75 -3.45 0.00	37.82 -2.63 0.00	40.07 -2.79 0.00	55.16 -4.86 0.00	58.81 -6.61 0.00	49.16 -3.93 0.00	41.46 -3.12 0.00	40.55 -2.18 0.00	38.77 -2.00 0.00	39.43 -1.56 0.00	40.44 -1.60 0.00	39.93 -1.79 0.00	40.74 -1.83 0.00	41.59 -2.42 0.00	46.30 -2.90 0.00	51.22 -3.97 0.00	57.93 -5.52 0.00	54.87 -4.38 0.00	48.11 -3.23 0.00	41.17 -2.54 0.00	39.62 -2.13 0.00
GOETHSLN___LBMP 323567	44.04 1.82 0.00	43.75 1.76 0.00	41.82 1.57 0.00	40.92 1.72 0.00	42.18 1.74 0.00	44.74 1.89 0.00	63.56 3.54 0.00	70.07 4.64 0.00	55.96 2.87 0.00	47.07 2.50 0.00	44.99 2.26 0.00	43.05 2.28 0.00	43.08 2.09 0.00	44.01 1.98 0.00	43.77 2.04 0.00	44.70 2.13 0.00	46.43 2.42 0.00	52.01 2.80 0.00	58.40 3.20 0.00	67.70 4.25 0.00	63.11 3.85 0.00	54.38 3.03 0.00	46.07 2.36 0.00	43.84 2.09 0.00
GOLAH___69_KV_TB 1_2 80279	42.06 -0.17 0.00	41.36 -0.63 0.00	39.72 -0.52 0.00	37.98 -1.22 0.00	39.84 -0.61 0.00	42.26 -0.60 0.00	58.94 -1.08 0.00	63.46 -1.96 0.00	52.30 -0.80 0.00	43.82 -0.76 0.00	42.47 -0.26 0.00	40.52 -0.24 0.00	40.95 -0.04 0.00	42.16 0.13 0.00	41.64 -0.08 0.00	42.48 -0.09 0.00	43.61 -0.40 0.00	48.76 -0.44 0.00	54.37 -0.83 0.00	62.12 -1.33 0.00	58.43 -0.83 0.00	50.83 -0.51 0.00	43.40 -0.31 0.00	41.54 -0.21 0.00

GOODYEAR_LAKE_HYD 323669	43.75 1.52 0.00	43.58 1.60 0.00	41.86 1.61 0.00	40.69 1.49 0.00	42.06 1.62 0.00	44.53 1.67 0.00	62.90 2.88 0.00	68.69 3.27 0.00	55.27 2.18 0.00	46.23 1.65 0.00	44.27 1.54 0.00	42.23 1.47 0.00	42.55 1.56 0.00	43.76 1.72 0.00	43.44 1.71 0.00	44.23 1.66 0.00	45.68 1.67 0.00	51.17 1.97 0.00	57.46 2.26 0.00	66.37 2.92 0.00	61.92 2.67 0.00	53.35 2.00 0.00	45.32 1.62 0.00	43.25 1.50 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.52 0.30 0.00	42.15 0.17 0.00	40.41 0.16 0.00	39.16 -0.04 0.00	40.61 0.16 0.00	42.99 0.13 0.00	60.38 0.36 0.00	65.55 0.13 0.00	53.25 0.16 0.00	44.67 0.09 0.00	42.98 0.26 0.00	41.01 0.24 0.00	41.32 0.33 0.00	42.41 0.38 0.00	42.02 0.29 0.00	42.95 0.38 0.00	44.32 0.31 0.00	49.55 0.34 0.00	55.47 0.28 0.00	63.77 0.32 0.00	59.67 0.41 0.00	51.55 0.21 0.00	43.88 0.17 0.00	42.00 0.25 0.00
GOUDEY___7 23579	42.52 0.30 0.00	42.15 0.17 0.00	40.41 0.16 0.00	39.16 -0.04 0.00	40.61 0.16 0.00	42.99 0.13 0.00	60.38 0.36 0.00	65.55 0.13 0.00	53.25 0.16 0.00	44.67 0.09 0.00	42.98 0.26 0.00	41.01 0.24 0.00	41.32 0.33 0.00	42.41 0.38 0.00	42.02 0.29 0.00	42.95 0.38 0.00	44.32 0.31 0.00	49.55 0.34 0.00	55.47 0.28 0.00	63.77 0.32 0.00	59.67 0.41 0.00	51.55 0.21 0.00	43.88 0.17 0.00	42.00 0.25 0.00
GOUDEY___8 23580	42.52 0.30 0.00	42.15 0.17 0.00	40.41 0.16 0.00	39.16 -0.04 0.00	40.61 0.16 0.00	42.99 0.13 0.00	60.38 0.36 0.00	65.55 0.13 0.00	53.25 0.16 0.00	44.67 0.09 0.00	42.98 0.26 0.00	41.01 0.24 0.00	41.32 0.33 0.00	42.41 0.38 0.00	42.02 0.29 0.00	42.95 0.38 0.00	44.32 0.31 0.00	49.55 0.34 0.00	55.47 0.28 0.00	63.77 0.32 0.00	59.67 0.41 0.00	51.55 0.21 0.00	43.88 0.17 0.00	42.00 0.25 0.00
GOWANUS_GT1_1 24077	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT1_2 24078	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT1_3 24079	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT1_4 24080	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT1_5 24084	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT1_6 24111	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT1_7 24112	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT1_8 24113	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT2_1 24114	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
GOWANUS_GT2_2 24115	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
GOWANUS_GT2_3 24116	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66

GOWANUS_GT2_4 24117	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
GOWANUS_GT2_5 24118	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
GOWANUS_GT2_6 24119	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
GOWANUS_GT2_7 24120	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
GOWANUS_GT2_8 24121	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
GOWANUS_GT3_1 24122	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
GOWANUS_GT3_2 24123	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -3		

GOWANUS_GT4_3 24132	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT4_4 24133	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT4_5 24134	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT4_6 24135	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT4_7 24136	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GOWANUS_GT4_8 24137	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GREENBSH_115KV_TB3 55895	42.56 0.34 0.00	42.32 0.34 0.00	40.53 0.28 0.00	39.71 0.51 0.00	40.85 0.40 0.00	43.33 0.47 0.00	60.98 0.96 0.00	66.80 1.37 0.00	53.57 0.48 0.00	44.93 0.36 0.00	42.98 0.26 0.00	41.09 0.33 0.00	41.19 0.20 0.00	42.08 0.04 0.00	41.85 0.13 0.00	42.74 0.17 0.00	44.23 0.22 0.00	49.55 0.34 0.00	55.69 0.50 0.00	64.72 1.27 0.00	60.26 1.01 0.00	51.91 0.56 0.00	44.19 0.48 0.00	42.21 0.46 0.00
GREENDGE_115KV_TB5 80291	42.78 0.55 0.00	42.19 0.21 0.00	40.49 0.24 0.00	39.00 -0.20 0.00	40.61 0.16 0.00	43.16 0.30 0.00	60.14 0.12 0.00	64.96 -0.46 0.00	53.09 0.00 0.00	44.71 0.13 0.00	43.07 0.34 0.00	41.01 0.24 0.00	41.40 0.41 0.00	42.67 0.63 0.00	42.14 0.42 0.00	43.08 0.51 0.00	44.40 0.40 0.00	49.75 0.54 0.00	55.25 0.06 0.00	63.32 -0.13 0.00	59.37 0.12 0.00	51.66 0.31 0.00	43.93 0.22 0.00	42.04 0.29 0.00
GREENIDGE___3 23582	42.78 0.55 0.00	42.19 0.21 0.00	40.49 0.24 0.00	39.00 -0.20 0.00	40.61 0.16 0.00	43.16 0.30 0.00	60.14 0.12 0.00	64.96 -0.46 0.00	53.09 0.00 0.00	44.71 0.13 0.00	43.07 0.34 0.00	41.01 0.24 0.00	41.40 0.41 0.00	42.67 0.63 0.00	42.14 0.42 0.00	43.08 0.51 0.00	44.40 0.40 0.00	49.75 0.54 0.00	55.25 0.06 0.00	63.32 -0.13 0.00	59.37 0.12 0.00	51.66 0.31 0.00	43.93 0.22 0.00	42.04 0.29 0.00
GREENIDGE___4 23583	42.77 0.55 0.00	42.24 0.25 0.00	40.53 0.28 0.00	39.27 0.08 0.00	40.61 0.16 0.00	43.24 0.38 0.00	60.26 0.24 0.00	65.16 -0.26 0.00	53.14 0.05 0.00	44.85 0.27 0.00	43.07 0.34 0.00	41.09 0.32 0.00	41.40 0.41 0.00	42.67 0.63 0.00	42.14 0.42 0.00	43.12 0.55 0.00	44.54 0.53 0.00	49.75 0.54 0.00	55.25 0.06 0.00	63.45 0.00 0.00	59.43 0.18 0.00	51.71 0.36 0.00	44.02 0.31 0.00	42.04 0.29 0.00
GREENLWN_69_KV_BK 3 55738	44.60 2.36 -0.01	44.34 2.35 -0.01	42.39 2.13 -0.01	41.43 2.23 0.00	42.88 2.43 -0.01	45.31 2.44 -0.01	63.98 3.72 -0.24	77.00 4.58 -7.00	55.53 2.44 0.00	46.89 2.32 0.00	44.61 1.88 0.00	42.76 2.00 0.00	42.14 1.15 0.00	43.38 1.35 0.00	44.03 2.29 -0.01	44.96 2.38 -0.01	46.66 2.64 -0.01	51.72 2.51 -0.01	58.08 2.87 -0.01	70.91 4.00 -3.46	62.82 3.56 -0.01	54.23 2.88 -0.01	49.89 2.62 -3.56	46.42 2.59 -2.08
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66
GRISSOM___SOLAR 323813	44.55 2.32 0.00	44.33 2.35 0.00	42.50 2.25 0.00	41.43 2.23 0.00	42.75 2.30 0.00	45.64 2.78 0.00	64.58 4.56 0.00	70.53 5.11 0.00	56.06 2.97 0.00	46.54 1.96 0.00	44.22 1.49 0.00	42.15 1.39 0.00	42.59 1.60 0.00	43.80 1.77 0.00	43.56 1.83 0.00	44.40 1.83 0.00	46.03 2.03 0.00	51.91 2.70 0.00	58.51 3.31 0.00	68.02 4.57 0.00	63.40 4.15 0.00	54.53 3.18 0.00	46.11 2.40 0.00	44.04 2.29 0.00
GROVEVILLE___HYD 323602	44.04 1.82 0.00	43.79 1.81 0.00	41.90 1.65 0.00	40.92 1.72 0.00	42.18 1.74 0.00	44.70 1.84 0.00	63.44 3.42 0.00	69.54 4.12 0.00	55.64 2.55 0.00	46.63 2.05 0.00	44.61 1.88 0.00	42.56 1.79 0.00	42.63 1.64 0.00	43.63 1.60 0.00	43.39 1.67 0.00	44.36 1.79 0.00	45.99 1.98 0.00	51.52 2.31 0.00	57.85 2.65 0.00	67.32 3.87 0.00	62.69 3.44 0.00	53.86 2.52 0.00	45.72 2.01 0.00	43.59 1.84 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.23 0.00 0.00	41.90 -0.08 0.00	40.21 -0.04 0.00	39.00 -0.20 0.00	40.36 -0.08 0.00	42.82 -0.04 0.00	60.14 0.12 0.00	65.42 0.00 0.00	53.14 0.05 0.00	44.62 0.04 0.00	42.86 0.13 0.00	40.89 0.12 0.00	41.19 0.20 0.00	42.37 0.34 0.00	41.97 0.25 0.00	42.87 0.30 0.00	44.23 0.22 0.00	49.40 0.20 0.00	55.36 0.17 0.00	63.64 0.19 0.00	59.49 0.24 0.00	51.40 0.05 0.00	43.71 0.00 0.00	41.75 0.00 0.00

HAMLTNNY_34_KV_TB 80303	42.35 0.13 0.00	41.98 0.00 0.00	40.29 0.04 0.00	39.04 -0.16 0.00	40.40 -0.04 0.00	42.90 0.04 0.00	60.26 0.24 0.00	65.49 0.07 0.00	53.25 0.16 0.00	44.67 0.09 0.00	42.94 0.21 0.00	40.97 0.20 0.00	41.28 0.29 0.00	42.46 0.42 0.00	42.06 0.33 0.00	42.95 0.38 0.00	44.32 0.31 0.00	49.50 0.30 0.00	55.42 0.22 0.00	63.77 0.32 0.00	59.61 0.36 0.00	51.50 0.15 0.00	43.80 0.09 0.00	41.83 0.08 0.00
HAMPSHIRE___PAPER_HYD 323593	41.51 -0.72 0.00	41.44 -0.55 0.00	39.68 -0.56 0.00	38.65 -0.55 0.00	39.80 -0.65 0.00	42.35 -0.51 0.00	59.06 -0.96 0.00	63.59 -1.83 0.00	51.71 -1.38 0.00	43.42 -1.16 0.00	41.75 -0.98 0.00	39.67 -1.10 0.00	40.00 -0.98 0.00	41.19 -0.84 0.00	40.89 -0.83 0.00	41.63 -0.94 0.00	42.82 -1.19 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	61.36 -2.09 0.00	57.48 -1.78 0.00	49.86 -1.49 0.00	42.57 -1.14 0.00	40.62 -1.13 0.00
HARDSCRABBLE_WT_PWR 323673	43.20 0.97 0.00	42.95 0.97 0.00	41.21 0.96 0.00	40.06 0.86 0.00	41.33 0.89 0.00	43.85 0.99 0.00	61.40 1.38 0.00	66.73 1.31 0.00	53.68 0.59 0.00	44.89 0.31 0.00	43.03 0.30 0.00	41.05 0.29 0.00	41.28 0.29 0.00	42.29 0.25 0.00	41.85 0.13 0.00	42.61 0.04 0.00	44.01 0.00 0.00	49.01 -0.20 0.00	54.81 -0.38 0.00	63.14 -0.32 0.00	58.78 -0.48 0.00	50.78 -0.56 0.00	43.23 -0.48 0.00	41.25 -0.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.70 1.48 0.00	43.45 1.47 0.00	41.57 1.33 0.00	40.61 1.41 0.00	41.86 1.42 0.00	44.36 1.50 0.00	62.84 2.82 0.00	68.95 3.53 0.00	55.16 2.07 0.00	46.31 1.74 0.00	44.31 1.58 0.00	42.31 1.55 0.00	42.42 1.43 0.00	43.34 1.30 0.00	43.14 1.42 0.00	44.06 1.49 0.00	45.72 1.72 0.00	51.12 1.92 0.00	57.46 2.26 0.00	66.75 3.30 0.00	62.16 2.90 0.00	53.45 2.11 0.00	45.41 1.70 0.00	43.29 1.54 0.00
HARSNRAD_115KV_TB1 81005	40.88 -1.35 0.00	40.01 -1.97 0.00	38.35 -1.89 0.00	36.37 -2.82 0.00	38.46 -1.98 0.00	40.76 -2.10 0.00	56.24 -3.78 0.00	60.12 -5.30 0.00	50.12 -2.97 0.00	42.17 -2.41 0.00	41.19 -1.54 0.00	39.38 -1.39 0.00	40.05 -0.94 0.00	41.15 -0.88 0.00	40.60 -1.13 0.00	41.42 -1.15 0.00	42.29 -1.72 0.00	47.19 -2.02 0.00	52.22 -2.98 0.00	59.20 -4.25 0.00	56.00 -3.26 0.00	48.99 -2.36 0.00	41.87 -1.84 0.00	40.25 -1.50 0.00
HARZA MOOSE___RIVER 24016	42.86 0.63 0.00	42.70 0.71 0.00	40.89 0.64 0.00	39.78 0.59 0.00	41.09 0.65 0.00	43.72 0.86 0.00	61.46 1.44 0.00	66.40 0.98 0.00	53.52 0.42 0.00	44.75 0.18 0.00	43.15 0.43 0.00	41.09 0.33 0.00	41.40 0.41 0.00	42.58 0.55 0.00	42.23 0.50 0.00	43.04 0.47 0.00	44.23 0.22 0.00	49.45 0.25 0.00	55.58 0.39 0.00	64.02 0.57 0.00	59.79 0.53 0.00	51.60 0.26 0.00	43.84 0.13 0.00	41.83 0.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.97 -0.25 0.00	41.61 -0.38 0.00	39.92 -0.32 0.00	38.73 -0.47 0.00	40.08 -0.36 0.00	42.52 -0.34 0.00	59.78 -0.24 0.00	65.03 -0.39 0.00	52.83 -0.27 0.00	44.35 -0.22 0.00	42.60 -0.13 0.00	40.64 -0.12 0.00	40.95 -0.04 0.00	42.08 0.04 0.00	41.72 0.00 0.00	42.57 0.00 0.00	43.92 -0.09 0.00	49.11 -0.10 0.00	54.98 -0.22 0.00	63.26 -0.19 0.00	59.14 -0.12 0.00	51.09 -0.26 0.00	43.45 -0.26 0.00	41.50 -0.25 0.00
HELLGATE_13_KV_LD 55870	44.64 2.41 -0.01	44.34 2.35 -0.01	42.39 2.13 -0.01	41.44 2.23 -0.01	42.76 2.31 -0.01	45.75 2.49 -0.40	64.28 4.26 0.00	70.85 5.43 0.00	61.26 3.61 -4.56	60.46 3.03 -12.85	59.64 2.82 -14.10	60.43 2.77 -16.90	61.19 2.62 -17.58	61.19 2.52 -16.64	61.15 2.59 -16.84	61.15 2.68 -15.90	62.00 2.99 -15.00	61.94 3.44 -9.29	60.52 3.92 -1.41	68.53 5.08 0.00	64.11 4.56 -0.29	59.74 3.75 -4.64	48.80 2.97 -2.12	44.85 2.63 -0.47
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.64 2.41 -0.01	44.34 2.35 -0.01	42.39 2.13 -0.01	41.44 2.23 -0.01	42.76 2.31 -0.01	45.75 2.49 -0.40	64.28 4.26 0.00	70.85 5.43 0.00	61.26 3.61 -4.56	60.46 3.03 -12.85	59.64 2.82 -14.10	60.43 2.77 -16.90	61.19 2.62 -17.58	61.19 2.52 -16.64	61.15 2.59 -16.84	61.15 2.68 -15.90	62.00 2.99 -15.00	61.94 3.44 -9.29	60.52 3.92 -1.41	68.53 5.08 0.00	64.11 4.56 -0.29	59.74 3.75 -4.64	48.80 2.97 -2.12	44.85 2.63 -0.47
HEMPSTEAD____ 23647	44.48 2.24 -0.01	44.22 2.22 -0.01	42.27 2.01 -0.01	41.23 2.04 0.00	42.72 2.26 -0.01	45.18 2.31 -0.01	64.27 3.90 -0.35	80.35 4.71 -10.22	55.64 2.55 0.00	46.80 2.23 0.00	44.74 2.01 0.00	42.80 2.04 0.00	42.38 1.39 0.00	43.55 1.51 0.00	43.86 2.13 -0.01	44.84 2.25 -0.01	46.44 2.42 -0.01	51.97 2.75 -0.01	58.30 3.09 -0.01	72.82 4.32 -5.05	63.12 3.85 -0.01	54.44 3.08 -0.01	51.43 2.53 -5.19	47.16 2.38 -3.03
HEWLETT_69_KV_BK3 55828	44.86 2.62 -0.01	44.56 2.56 -0.01	42.72 2.46 -0.01	41.74 2.55 0.00	43.09 2.63 -0.01	45.57 2.70 -0.01	64.84 4.44 -0.38	81.87 5.36 -11.08	56.49 3.40 0.00	47.65 3.08 0.00	45.38 2.65 0.00	43.46 2.69 0.00	42.96 1.97 0.00	44.18 2.14 0.00	44.37 2.63 -0.01	45.26 2.68 -0.01	46.93 2.90 -0.01	52.47 3.25 -0.01	58.91 3.70 -0.01	73.75 4.82 -5.48	63.65 4.38 -0.01	55.01 3.65 -0.01	52.31 2.97 -5.63	47.79 2.76 -3.29
HICKLING___1 23621	42.65 0.42 0.00	42.03 0.04 0.00	40.33 0.08 0.00	38.76 -0.43 0.00	40.40 -0.04 0.00	42.90 0.04 0.00	60.08 0.06 0.00	64.77 -0.65 0.00	53.04 -0.05 0.00	44.44 -0.13 0.00	42.90 0.17 0.00	40.89 0.12 0.00	41.32 0.33 0.00	42.50 0.46 0.00	41.97 0.25 0.00	42.91 0.34 0.00	44.18 0.18 0.00	49.40 0.20 0.00	55.20 0.00 0.00	63.20 -0.25 0.00	59.31 0.06 0.00	51.24 -0.10 0.00	43.66 -0.04 0.00	41.87 0.13 0.00
HICKLING___2 23622	42.65 0.42 0.00	42.03 0.04 0.00	40.33 0.08 0.00	38.76 -0.43 0.00	40.40 -0.04 0.00	42.90 0.04 0.00	60.08 0.06 0.00	64.77 -0.65 0.00	53.04 -0.05 0.00	44.44 -0.13 0.00	42.90 0.17 0.00	40.89 0.12 0.00	41.32 0.33 0.00	42.50 0.46 0.00	41.97 0.25 0.00	42.91 0.34 0.00	44.18 0.18 0.00	49.40 0.20 0.00	55.20 0.00 0.00	63.20 -0.25 0.00	59.31 0.06 0.00	51.24 -0.10 0.00	43.66 -0.04 0.00	41.87 0.13 0.00
HIGH FALLS___HY 23754	44.00 1.77 0.00	43.75 1.76 0.00	41.90 1.65 0.00	40.88 1.69 0.00	42.18 1.74 0.00	44.66 1.80 0.00	63.38 3.36 0.00	69.41 3.99 0.00	55.53 2.44 0.00	46.54 1.96 0.00	44.52 1.79 0.00	42.44 1.67 0.00	42.51 1.52 0.00	43.51 1.47 0.00	43.31 1.59 0.00	44.23 1.66 0.00	45.94 1.94 0.00	51.42 2.21 0.00	57.85 2.65 0.00	67.26 3.81 0.00	62.57 3.32 0.00	53.76 2.41 0.00	45.63 1.92 0.00	43.50 1.75 0.00
HIGH_RIVER___SOLAR 323847	43.74 1.52 0.00	43.54 1.55 0.00	41.69 1.45 0.00	40.65 1.45 0.00	41.98 1.54 0.00	44.62 1.76 0.00	63.02 3.00 0.00	68.76 3.33 0.00	54.95 1.86 0.00	45.69 1.11 0.00	43.54 0.81 0.00	41.46 0.69 0.00	41.77 0.78 0.00	42.83 0.80 0.00	42.60 0.88 0.00	43.50 0.94 0.00	45.11 1.10 0.00	50.78 1.57 0.00	57.29 2.10 0.00	66.56 3.11 0.00	62.04 2.79 0.00	53.45 2.11 0.00	45.33 1.62 0.00	43.30 1.55 0.00

HILLBURN___GT 23639	43.66 1.44 0.00	43.41 1.43 0.00	41.49 1.25 0.00	40.49 1.29 0.00	41.82 1.38 0.00	44.32 1.46 0.00	62.72 2.70 0.00	68.82 3.40 0.00	55.11 2.02 0.00	46.31 1.74 0.00	44.31 1.58 0.00	42.31 1.55 0.00	42.42 1.43 0.00	43.34 1.30 0.00	43.14 1.42 0.00	44.06 1.49 0.00	45.64 1.63 0.00	51.12 1.92 0.00	57.41 2.21 0.00	66.75 3.30 0.00	62.10 2.84 0.00	53.45 2.11 0.00	45.41 1.70 0.00	43.30 1.55 0.00
HILLSIDE_115KV_TB1 80332	42.10 -0.13 0.00	41.52 -0.46 0.00	39.84 -0.40 0.00	38.37 -0.82 0.00	39.96 -0.49 0.00	42.39 -0.47 0.00	59.36 -0.66 0.00	64.05 -1.37 0.00	52.35 -0.74 0.00	43.91 -0.67 0.00	42.34 -0.38 0.00	40.40 -0.37 0.00	40.74 -0.25 0.00	41.87 -0.17 0.00	41.39 -0.33 0.00	42.31 -0.26 0.00	43.57 -0.44 0.00	48.71 -0.49 0.00	54.48 -0.72 0.00	62.44 -1.02 0.00	58.54 -0.71 0.00	50.68 -0.67 0.00	43.14 -0.57 0.00	41.37 -0.38 0.00
HISHELDN_WT_PWR 323625	41.47 -0.76 0.00	40.68 -1.30 0.00	39.04 -1.21 0.00	37.67 -1.53 0.00	39.03 -1.42 0.00	41.49 -1.37 0.00	57.68 -2.34 0.00	61.95 -3.47 0.00	51.02 -2.07 0.00	42.93 -1.65 0.00	41.49 -1.24 0.00	39.67 -1.10 0.00	40.09 -0.90 0.00	41.32 -0.71 0.00	40.72 -1.00 0.00	41.72 -0.85 0.00	42.95 -1.06 0.00	47.73 -1.47 0.00	53.04 -2.15 0.00	60.60 -2.85 0.00	57.06 -2.19 0.00	49.60 -1.75 0.00	42.40 -1.31 0.00	40.58 -1.17 0.00
HOLTSVILLE_IC_1 23690	44.64 2.41 -0.01	44.64 2.65 -0.01	42.39 2.13 -0.01	41.31 2.12 0.00	43.08 2.63 -0.01	45.65 2.78 -0.01	64.94 4.68 -0.23	77.49 5.24 -6.83	55.54 2.44 0.00	46.58 2.01 0.00	44.65 1.92 0.00	42.72 1.96 0.00	41.77 0.78 0.00	43.04 1.01 0.00	43.61 1.88 -0.01	44.66 2.09 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.07 2.87 -0.01	71.78 4.95 -3.38	63.35 4.09 -0.01	54.65 3.29 -0.01	50.02 2.84 -3.47	46.70 2.92 -2.03
HOLTSVILLE_IC_10 23699	44.85 2.62 -0.01	44.85 2.86 -0.01	42.55 2.29 -0.01	41.47 2.27 0.00	43.28 2.83 -0.01	45.87 3.00 -0.01	65.35 5.10 -0.24	77.93 5.63 -6.88	55.85 2.76 0.00	46.80 2.23 0.00	44.82 2.09 0.00	42.92 2.16 0.00	41.93 0.94 0.00	43.25 1.22 0.00	43.78 2.04 -0.01	44.87 2.30 -0.01	46.61 2.60 -0.01	52.17 2.95 -0.01	58.41 3.20 -0.01	72.31 5.46 -3.40	63.83 4.56 -0.01	55.00 3.65 -0.01	50.35 3.15 -3.50	46.96 3.17 -2.04
HOLTSVILLE_IC_2 23691	44.64 2.41 -0.01	44.64 2.65 -0.01	42.39 2.13 -0.01	41.31 2.12 0.00	43.08 2.63 -0.01	45.65 2.78 -0.01	64.94 4.68 -0.23	77.49 5.24 -6.83	55.54 2.44 0.00	46.58 2.01 0.00	44.65 1.92 0.00	42.72 1.96 0.00	41.77 0.78 0.00	43.04 1.01 0.00	43.61 1.88 -0.01	44.66 2.09 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.07 2.87 -0.01	71.78 4.95 -3.38	63.35 4.09 -0.01	54.65 3.29 -0.01	50.02 2.84 -3.47	46.70 2.92 -2.03
HOLTSVILLE_IC_3 23692	44.64 2.41 -0.01	44.64 2.65 -0.01	42.39 2.13 -0.01	41.31 2.12 0.00	43.08 2.63 -0.01	45.65 2.78 -0.01	64.94 4.68 -0.23	77.49 5.24 -6.83	55.54 2.44 0.00	46.58 2.01 0.00	44.65 1.92 0.00	42.72 1.96 0.00	41.77 0.78 0.00	43.04 1.01 0.00	43.61 1.88 -0.01	44.66 2.09 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.07 2.87 -0.01	71.78 4.95 -3.38	63.35 4.09 -0.01	54.65 3.29 -0.01	50.02 2.84 -3.47	46.70 2.92 -2.03
HOLTSVILLE_IC_4 23693	44.64 2.41 -0.01	44.64 2.65 -0.01	42.39 2.13 -0.01	41.31 2.12 0.00	43.08 2.63 -0.01	45.65 2.78 -0.01	64.94 4.68 -0.23	77.49 5.24 -6.83	55.54 2.44 0.00	46.58 2.01 0.00	44.65 1.92 0.00	42.72 1.96 0.00	41.77 0.78 0.00	43.04 1.01 0.00	43.61 1.88 -0.01	44.66 2.09 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.07 2.87 -0.01	71.78 4.95 -3.38	63.35 4.09 -0.01	54.65 3.29 -0.01	50.02 2.84 -3.47	46.70 2.92 -2.03
HOLTSVILLE_IC_5 23694	44.64 2.41 -0.01	44.64 2.65 -0.01	42.39 2.13 -0.01	41.31 2.12 0.00	43.08 2.63 -0.01	45.65 2.78 -0.01	64.94 4.68 -0.23	77.49 5.24 -6.83	55.54 2.44 0.00	46.58 2.01 0.00	44.65 1.92 0.00	42.72 1.96 0.00	41.77 0.78 0.00	43.04 1.01 0.00	43.61 1.88 -0.01	44.66 2.09 -0.01	46.35 2.33 -0.01	51.87 2.66 -0.01	58.07 2.87 -0.01	71.78 4.95 -3.38	63.35 4.09 -0.01	54.65 3.29 -0.01	50.02 2.84 -3.47	46.70 2.92 -2.03
HOLTSVILLE_IC_6 23695	44.85 2.62 -0.01	44.85 2.86 -0.01	42.55 2.29 -0.01	41.47 2.27 0.00	43.28 2.83 -0.01	45.87 3.00 -0.01	65.35 5.10 -0.24	77.93 5.63 -6.88	55.85 2.76 0.00	46.80 2.23 0.00	44.82 2.09 0.00	42.92 2.16 0.00	41.93 0.94 0.00	43.25 1.22 0.00	43.78 2.04 -0.01	44.87 2.30 -0.01	46.61 2.60 -0.01	52.17 2.95 -0.01	58.41 3.20 -0.01	72.31 5.46 -3.40	63.83 4.56 -0.01	55.00 3.65 -0.01	50.35 3.15 -3.50	46.96 3.17 -2.04
HOLTSVILLE_IC_7 23696	44.85 2.62 -0.01	44.85 2.86 -0.01	42.55 2.29 -0.01	41.47 2.27 0.00	43.28 2.83 -0.01	45.87 3.00 -0.01	65.35 5.10 -0.24	77.93 5.63 -6.88	55.85 2.76 0.00	46.80 2.23 0.00	44.82 2.09 0.00	42.92 2.16 0.00	41.93 0.94 0.00	43.25 1.22 0.00	43.78 2.04 -0.01	44.87 2.30 -0.01	46.61 2.60 -0.01	52.17 2.95 -0.01	58.41 3.20 -0.01	72.31 5.46 -3.40	63.83 4.56 -0.01	55.00 3.65 -0.01	50.35 3.15 -3.50	46.96 3.17 -2.04
HOLTSVILLE_IC_8 23697	44.85 2.62 -0.01	44.85 2.86 -0.01	42.55 2.29 -0.01	41.47 2.27 0.00	43.28 2.83 -0.01	45.87 3.00 -0.01	65.35 5.10 -0.24	77.93 5.63 -6.88	55.85 2.76 0.00	46.80 2.23 0.00	44.82 2.09 0.00	42.92 2.16 0.00	41.93 0.94 0.00	43.25 1.22 0.00	43.78 2.04 -0.01	44.87 2.30 -0.01	46.61 2.60 -0.01	52.17 2.95 -0.01	58.41 3.20 -0.01	72.31 5.46 -3.40	63.83 4.56 -0.01	55.00 3.65 -0.01	50.35 3.15 -3.50	46.96 3.17 -2.04
HOLTSVILLE_IC_9 23698	44.85 2.62 -0.01	44.85 2.86 -0.01	42.55 2.29 -0.01	41.47 2.27 0.00	43.28 2.83 -0.01	45.87 3.00 -0.01	65.35 5.10 -0.24	77.93 5.63 -6.88	55.85 2.76 0.00	46.80 2.23 0.00	44.82 2.09 0.00	42.92 2.16 0.00	41.93 0.94 0.00	43.25 1.22 0.00	43.78 2.04 -0.01	44.87 2.30 -0.01	46.61 2.60 -0.01	52.17 2.95 -0.01	58.41 3.20 -0.01	72.31 5.46 -3.40	63.83 4.56 -0.01	55.00 3.65 -0.01	50.35 3.15 -3.50	46.96 3.17 -2.04
HOMER_HL_115KV_TB2 355744	41.80 -0.42 0.00	40.94 -1.05 0.00	39.28 -0.97 0.00	37.51 -1.69 0.00	39.43 -1.01 0.00	41.79 -1.07 0.00	58.28 -1.74 0.00	62.48 -2.94 0.00	51.55 -1.54 0.00	43.19 -1.38 0.00	41.87 -0.85 0.00	40.03 -0.73 0.00	40.66 -0.33 0.00	41.66 -0.38 0.00	41.10 -0.63 0.00	41.93 -0.64 0.00	43.04 -0.97 0.00	48.12 -1.08 0.00	53.60 -1.60 0.00	60.98 -2.47 0.00	57.42 -1.84 0.00	49.96 -1.39 0.00	42.48 -1.22 0.00	41.00 -0.75 0.00
HOWARD_WT_PWR 323690	42.77 0.55 0.00	42.03 0.04 0.00	40.25 0.00 0.00	38.80 -0.39 0.00	40.20 -0.24 0.00	42.82 -0.04 0.00	59.90 -0.12 0.00	64.44 -0.98 0.00	52.72 -0.37 0.00	44.13 -0.45 0.00	42.51 -0.21 0.00	40.48 -0.28 0.00	40.83 -0.16 0.00	42.12 0.08 0.00	41.56 -0.17 0.00	42.53 -0.04 0.00	43.88 -0.13 0.00	48.96 -0.24 0.00	54.65 -0.55 0.00	62.56 -0.89 0.00	58.84 -0.41 0.00	50.83 -0.51 0.00	43.31 -0.39 0.00	41.37 -0.38 0.00

HQ_GEN_CEDARS 23644	42.44 0.21 0.00	42.36 0.38 0.00	40.53 0.28 0.00	39.51 0.31 0.00	40.61 0.16 0.00	43.07 0.21 0.00	59.36 -0.66 0.00	64.05 -1.37 0.00	52.83 -0.27 0.00	44.71 0.13 0.00	42.77 0.04 0.00	40.72 -0.04 0.00	41.11 0.12 0.00	42.24 0.21 0.00	41.89 0.17 0.00	42.70 0.13 0.00	44.14 0.13 0.00	48.81 -0.39 0.00	54.81 -0.39 0.00	62.12 -1.33 0.00	58.31 -0.95 0.00	50.88 -0.46 0.00	43.80 0.09 0.00	41.87 0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	42.44 0.21 0.00	42.36 0.38 0.00	40.53 0.28 0.00	39.51 0.31 0.00	40.61 0.16 0.00	43.07 0.22 0.00	59.30 -0.72 0.00	64.05 -1.38 0.00	52.88 -0.21 0.00	44.67 0.09 0.00	42.77 0.04 0.00	40.72 -0.04 0.00	41.11 0.12 0.00	42.25 0.21 0.00	41.89 0.17 0.00	42.70 0.13 0.00	44.10 0.09 0.00	48.81 -0.40 0.00	54.81 -0.38 0.00	62.12 -1.34 0.00	58.30 -0.95 0.00	50.88 -0.46 0.00	43.80 0.09 0.00	41.88 0.13 0.00
HQ_GEN_IMPORT 323601	42.06 -0.17 0.00	41.86 -0.13 0.00	40.13 -0.12 0.00	39.08 -0.12 0.00	40.28 -0.16 0.00	42.69 -0.17 0.00	59.24 -0.78 0.00	64.37 -1.05 0.00	52.83 -0.26 0.00	44.40 -0.18 0.00	42.51 -0.21 0.00	40.52 -0.24 0.00	40.83 -0.16 0.00	41.87 -0.17 0.00	41.56 -0.17 0.00	42.36 -0.21 0.00	43.83 -0.18 0.00	48.86 -0.34 0.00	54.87 -0.33 0.00	62.43 -1.02 0.00	58.43 -0.83 0.00	50.99 -0.36 0.00	43.49 -0.22 0.00	41.58 -0.17 0.00
HQ_GEN_WHEEL 23651	42.06 -0.17 0.00	41.86 -0.13 0.00	40.13 -0.12 0.00	39.08 -0.12 0.00	40.28 -0.16 0.00	42.69 -0.17 0.00	59.24 -0.78 0.00	64.37 -1.05 0.00	52.83 -0.26 0.00	44.40 -0.18 0.00	42.51 -0.21 0.00	40.52 -0.24 0.00	40.83 -0.16 0.00	41.87 -0.17 0.00	41.56 -0.17 0.00	42.36 -0.21 0.00	43.83 -0.18 0.00	48.86 -0.34 0.00	54.87 -0.33 0.00	62.43 -1.02 0.00	58.43 -0.83 0.00	50.99 -0.36 0.00	43.49 -0.22 0.00	41.58 -0.17 0.00
HUDSON_AVE_GT_3 23810	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.12 1.92 0.00	42.39 1.94 0.00	44.96 2.10 0.00	63.86 3.84 0.00	70.33 4.91 0.00	56.22 3.13 0.00	47.25 2.67 0.00	45.21 2.48 0.00	43.21 2.45 0.00	43.24 2.25 0.00	44.18 2.14 0.00	43.94 2.21 0.00	44.91 2.34 0.00	46.65 2.64 0.00	52.26 3.05 0.00	58.67 3.48 0.00	68.08 4.63 0.00	63.40 4.15 0.00	54.63 3.29 0.00	46.29 2.58 0.00	44.00 2.25 0.00
HUDSON_AVE_GT_4 23540	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.12 1.92 0.00	42.39 1.94 0.00	44.96 2.10 0.00	63.86 3.84 0.00	70.33 4.91 0.00	56.22 3.13 0.00	47.25 2.67 0.00	45.21 2.48 0.00	43.21 2.45 0.00	43.24 2.25 0.00	44.18 2.14 0.00	43.94 2.21 0.00	44.91 2.34 0.00	46.65 2.64 0.00	52.26 3.05 0.00	58.67 3.48 0.00	68.08 4.63 0.00	63.40 4.15 0.00	54.63 3.29 0.00	46.29 2.58 0.00	44.00 2.25 0.00
HUDSON_AVE_GT_5 23657	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.12 1.92 0.00	42.39 1.94 0.00	44.96 2.10 0.00	63.86 3.84 0.00	70.33 4.91 0.00	56.22 3.13 0.00	47.25 2.67 0.00	45.21 2.48 0.00	43.21 2.45 0.00	43.24 2.25 0.00	44.18 2.14 0.00	43.94 2.21 0.00	44.91 2.34 0.00	46.65 2.64 0.00	52.26 3.05 0.00	58.67 3.48 0.00	68.08 4.63 0.00	63.40 4.15 0.00	54.63 3.29 0.00	46.29 2.58 0.00	44.00 2.25 0.00
HUDSON_AVE_10 24168	44.13 1.90 0.00	43.79 1.81 0.00	41.86 1.61 0.00	40.96 1.76 0.00	42.22 1.78 0.00	44.83 1.97 0.00	63.68 3.66 0.00	70.20 4.78 0.00	56.12 3.03 0.00	47.16 2.59 0.00	45.08 2.35 0.00	43.13 2.36 0.00	43.16 2.17 0.00	44.09 2.06 0.00	43.85 2.13 0.00	44.82 2.26 0.00	46.56 2.55 0.00	52.16 2.95 0.00	58.51 3.31 0.00	67.96 4.51 0.00	63.28 4.03 0.00	54.48 3.13 0.00	46.16 2.45 0.00	43.88 2.13 0.00
HUDSON___115KV_TB 4 355613	43.32 1.10 0.00	43.08 1.09 0.00	41.25 1.01 0.00	40.37 1.18 0.00	41.54 1.09 0.00	44.10 1.24 0.00	62.24 2.22 0.00	67.97 2.55 0.00	54.90 1.81 0.00	45.74 1.16 0.00	43.62 0.90 0.00	41.58 0.82 0.00	41.73 0.74 0.00	42.62 0.59 0.00	42.43 0.71 0.00	43.08 0.51 0.00	44.67 0.66 0.00	50.19 0.98 0.00	56.52 1.32 0.00	65.80 2.35 0.00	61.27 2.01 0.00	52.68 1.34 0.00	44.76 1.05 0.00	42.83 1.09 0.00
HUNTER MOUNT___DRP 323613	43.41 1.18 0.00	43.20 1.22 0.00	41.37 1.13 0.00	40.45 1.25 0.00	41.66 1.21 0.00	44.23 1.37 0.00	62.48 2.46 0.00	68.10 2.68 0.00	54.95 1.86 0.00	45.74 1.16 0.00	43.62 0.90 0.00	41.54 0.77 0.00	41.69 0.70 0.00	42.62 0.59 0.00	42.39 0.67 0.00	43.08 0.51 0.00	44.67 0.66 0.00	50.19 0.98 0.00	56.52 1.32 0.00	65.80 2.35 0.00	61.27 2.01 0.00	52.68 1.34 0.00	44.76 1.05 0.00	42.88 1.13 0.00
HUNTINGTON_RES_REC 323705	44.73 2.49 -0.01	44.60 2.60 -0.01	42.47 2.21 -0.01	41.39 2.19 0.00	43.04 2.59 -0.01	45.57 2.70 -0.01	64.52 4.26 -0.24	77.17 4.84 -6.91	55.42 2.33 0.00	46.54 1.96 0.00	44.52 1.79 0.00	42.60 1.84 0.00	41.85 0.86 0.00	43.09 1.05 0.00	43.86 2.13 -0.01	44.92 2.34 -0.01	46.57 2.55 -0.01	51.92 2.70 -0.01	58.18 2.98 -0.01	71.44 4.57 -3.42	63.23 3.97 -0.01	54.54 3.18 -0.01	50.10 2.88 -3.51	46.68 2.88 -2.05
HUNTLEY___63 23557	41.30 -0.93 0.00	40.35 -1.64 0.00	38.72 -1.53 0.00	36.73 -2.47 0.00	38.87 -1.58 0.00	41.14 -1.71 0.00	56.78 -3.24 0.00	60.71 -4.71 0.00	50.70 -2.39 0.00	42.66 -1.92 0.00	41.66 -1.07 0.00	39.87 -0.90 0.00	40.58 -0.41 0.00	41.66 -0.38 0.00	41.10 -0.63 0.00	41.93 -0.64 0.00	42.77 -1.23 0.00	47.73 -1.48 0.00	52.77 -2.43 0.00	59.77 -3.68 0.00	56.53 -2.73 0.00	49.50 -1.85 0.00	42.22 -1.49 0.00	40.62 -1.13 0.00
HUNTLEY___64 23558	41.30 -0.93 0.00	40.35 -1.64 0.00	38.72 -1.53 0.00	36.73 -2.47 0.00	38.87 -1.58 0.00	41.14 -1.71 0.00	56.78 -3.24 0.00	60.71 -4.71 0.00	50.70 -2.39 0.00	42.66 -1.92 0.00	41.66 -1.07 0.00	39.87 -0.90 0.00	40.58 -0.41 0.00	41.66 -0.38 0.00	41.10 -0.63 0.00	41.93 -0.64 0.00	42.77 -1.23 0.00	47.73 -1.48 0.00	52.77 -2.43 0.00	59.77 -3.68 0.00	56.53 -2.73 0.00	49.50 -1.85 0.00	42.22 -1.49 0.00	40.62 -1.13 0.00
HUNTLEY___65 23559	41.30 -0.93 0.00	40.35 -1.64 0.00	38.72 -1.53 0.00	36.73 -2.47 0.00	38.87 -1.58 0.00	41.14 -1.71 0.00	56.78 -3.24 0.00	60.71 -4.71 0.00	50.70 -2.39 0.00	42.66 -1.92 0.00	41.66 -1.07 0.00	39.87 -0.90 0.00	40.58 -0.41 0.00	41.66 -0.38 0.00	41.10 -0.63 0.00	41.93 -0.64 0.00	42.77 -1.23 0.00	47.73 -1.48 0.00	52.77 -2.43 0.00	59.77 -3.68 0.00	56.53 -2.73 0.00	49.50 -1.85 0.00	42.22 -1.49 0.00	40.62 -1.13 0.00
HUNTLEY___66 23560	41.30 -0.93 0.00	40.35 -1.64 0.00	38.72 -1.53 0.00	36.73 -2.47 0.00	38.87 -1.58 0.00	41.14 -1.71 0.00	56.78 -3.24 0.00	60.71 -4.71 0.00	50.70 -2.39 0.00	42.66 -1.92 0.00	41.66 -1.07 0.00	39.87 -0.90 0.00	40.58 -0.41 0.00	41.66 -0.38 0.00	41.10 -0.63 0.00	41.93 -0.64 0.00	42.77 -1.23 0.00	47.73 -1.48 0.00	52.77 -2.43 0.00	59.77 -3.68 0.00	56.53 -2.73 0.00	49.50 -1.85 0.00	42.22 -1.49 0.00	40.62 -1.13 0.00

HUNTLEY___67 23561	41.09 -1.14 0.00	40.18 -1.81 0.00	38.52 -1.73 0.00	36.57 -2.63 0.00	38.67 -1.78 0.00	40.97 -1.89 0.00	56.54 -3.48 0.00	60.45 -4.97 0.00	50.38 -2.71 0.00	42.44 -2.14 0.00	41.45 -1.28 0.00	39.62 -1.14 0.00	40.29 -0.70 0.00	41.36 -0.67 0.00	40.81 -0.92 0.00	41.63 -0.94 0.00	42.55 -1.45 0.00	47.43 -1.77 0.00	52.49 -2.70 0.00	59.52 -3.93 0.00	56.29 -2.96 0.00	49.24 -2.11 0.00	42.05 -1.66 0.00	40.46 -1.29 0.00
HUNTLEY___68 23562	41.09 -1.14 0.00	40.18 -1.81 0.00	38.52 -1.73 0.00	36.57 -2.63 0.00	38.67 -1.78 0.00	40.97 -1.89 0.00	56.54 -3.48 0.00	60.45 -4.97 0.00	50.38 -2.71 0.00	42.44 -2.14 0.00	41.45 -1.28 0.00	39.62 -1.14 0.00	40.29 -0.70 0.00	41.36 -0.67 0.00	40.81 -0.92 0.00	41.63 -0.94 0.00	42.55 -1.45 0.00	47.43 -1.77 0.00	52.49 -2.70 0.00	59.52 -3.93 0.00	56.29 -2.96 0.00	49.24 -2.11 0.00	42.05 -1.66 0.00	40.46 -1.29 0.00
HYLAND___LFGE 323620	43.74 1.52 0.00	42.95 0.97 0.00	41.37 1.13 0.00	39.86 0.67 0.00	41.38 0.93 0.00	44.06 1.20 0.00	61.76 1.74 0.00	66.14 0.72 0.00	53.57 0.48 0.00	44.31 -0.27 0.00	42.47 -0.25 0.00	40.23 -0.53 0.00	40.62 -0.37 0.00	41.95 -0.08 0.00	41.56 -0.17 0.00	42.61 0.04 0.00	44.14 0.13 0.00	49.94 0.74 0.00	56.30 1.10 0.00	65.23 1.77 0.00	61.33 2.07 0.00	52.99 1.64 0.00	45.19 1.49 0.00	43.00 1.25 0.00
INDECK___CORINTH 23802	44.38 2.15 0.00	44.17 2.18 0.00	42.30 2.05 0.00	41.27 2.08 0.00	42.55 2.10 0.00	45.43 2.57 0.00	64.34 4.32 0.00	70.33 4.91 0.00	56.17 3.08 0.00	46.76 2.18 0.00	44.60 1.88 0.00	42.60 1.84 0.00	42.83 1.85 0.00	43.97 1.93 0.00	43.60 1.88 0.00	44.53 1.96 0.00	46.03 2.03 0.00	51.76 2.56 0.00	58.12 2.92 0.00	67.57 4.12 0.00	62.99 3.74 0.00	54.32 2.98 0.00	45.94 2.23 0.00	43.92 2.17 0.00
INDECK___ILION 23567	43.37 1.14 0.00	43.16 1.18 0.00	41.37 1.13 0.00	40.22 1.02 0.00	41.54 1.09 0.00	44.06 1.20 0.00	61.76 1.74 0.00	67.12 1.70 0.00	53.94 0.85 0.00	45.11 0.53 0.00	43.24 0.51 0.00	41.25 0.49 0.00	41.48 0.49 0.00	42.54 0.50 0.00	42.10 0.38 0.00	42.82 0.26 0.00	44.23 0.22 0.00	49.25 0.05 0.00	55.09 -0.11 0.00	63.45 0.00 0.00	59.08 -0.18 0.00	51.04 -0.31 0.00	43.40 -0.31 0.00	41.42 -0.33 0.00
INDECK___OLEAN 23982	41.80 -0.42 0.00	40.98 -1.01 0.00	39.36 -0.89 0.00	37.98 -1.22 0.00	39.47 -0.97 0.00	41.96 -0.90 0.00	58.58 -1.44 0.00	62.87 -2.55 0.00	51.71 -1.38 0.00	43.38 -1.20 0.00	41.87 -0.85 0.00	40.19 -0.57 0.00	40.66 -0.33 0.00	41.70 -0.34 0.00	41.06 -0.67 0.00	41.97 -0.60 0.00	43.26 -0.75 0.00	48.17 -1.04 0.00	53.65 -1.55 0.00	61.17 -2.28 0.00	57.66 -1.60 0.00	50.01 -1.34 0.00	42.70 -1.00 0.00	41.00 -0.75 0.00
INDECK___OSWEGO 23783	41.47 -0.76 0.00	41.15 -0.84 0.00	39.48 -0.77 0.00	38.37 -0.82 0.00	39.64 -0.81 0.00	42.04 -0.82 0.00	59.06 -0.96 0.00	64.31 -1.11 0.00	52.14 -0.95 0.00	43.73 -0.85 0.00	41.96 -0.77 0.00	40.03 -0.73 0.00	40.29 -0.70 0.00	41.41 -0.63 0.00	41.06 -0.67 0.00	41.89 -0.68 0.00	43.26 -0.75 0.00	48.37 -0.84 0.00	54.26 -0.94 0.00	62.50 -0.95 0.00	58.37 -0.89 0.00	50.42 -0.92 0.00	42.92 -0.79 0.00	40.95 -0.79 0.00
INDECK___YERKES 23781	41.34 -0.89 0.00	40.43 -1.55 0.00	38.84 -1.41 0.00	37.47 -1.72 0.00	38.99 -1.45 0.00	41.40 -1.46 0.00	57.20 -2.82 0.00	61.43 -3.99 0.00	50.97 -2.13 0.00	43.02 -1.56 0.00	41.70 -1.03 0.00	40.11 -0.65 0.00	40.66 -0.33 0.00	41.78 -0.25 0.00	41.14 -0.58 0.00	42.06 -0.51 0.00	43.22 -0.79 0.00	47.88 -1.33 0.00	52.93 -2.27 0.00	60.22 -3.23 0.00	56.88 -2.37 0.00	49.65 -1.69 0.00	42.53 -1.18 0.00	40.66 -1.09 0.00
INDIAN POINT_GT_1 24139	43.70 1.48 0.00	43.45 1.47 0.00	41.57 1.33 0.00	40.65 1.45 0.00	41.86 1.42 0.00	44.40 1.54 0.00	62.90 2.88 0.00	69.09 3.66 0.00	55.22 2.12 0.00	46.40 1.83 0.00	44.39 1.67 0.00	42.40 1.63 0.00	42.46 1.48 0.00	43.42 1.39 0.00	43.18 1.46 0.00	44.10 1.53 0.00	45.77 1.76 0.00	51.22 2.02 0.00	57.52 2.32 0.00	66.88 3.43 0.00	62.28 3.02 0.00	53.61 2.26 0.00	45.54 1.84 0.00	43.38 1.63 0.00
INDIAN POINT_GT_2 23659	43.70 1.48 0.00	43.45 1.47 0.00	41.57 1.33 0.00	40.65 1.45 0.00	41.86 1.42 0.00	44.40 1.54 0.00	62.90 2.88 0.00	69.09 3.66 0.00	55.22 2.12 0.00	46.40 1.83 0.00	44.39 1.67 0.00	42.40 1.63 0.00	42.46 1.48 0.00	43.42 1.39 0.00	43.18 1.46 0.00	44.10 1.53 0.00	45.77 1.76 0.00	51.22 2.02 0.00	57.52 2.32 0.00	66.88 3.43 0.00	62.28 3.02 0.00	53.61 2.26 0.00	45.54 1.84 0.00	43.38 1.63 0.00
INDIAN POINT_GT_3 24019	43.70 1.48 0.00	43.45 1.47 0.00	41.57 1.33 0.00	40.65 1.45 0.00	41.86 1.42 0.00	44.40 1.54 0.00	62.90 2.88 0.00	69.09 3.66 0.00	55.22 2.12 0.00	46.40 1.83 0.00	44.39 1.67 0.00	42.40 1.63 0.00	42.46 1.48 0.00	43.42 1.39 0.00	43.18 1.46 0.00	44.10 1.53 0.00	45.77 1.76 0.00	51.22 2.02 0.00	57.52 2.32 0.00	66.88 3.43 0.00	62.28 3.02 0.00	53.61 2.26 0.00	45.54 1.84 0.00	43.38 1.63 0.00
INDIAN POINT___2 23530	43.58 1.35 0.00	43.33 1.34 0.00	41.41 1.17 0.00	40.41 1.22 0.00	41.74 1.29 0.00	44.23 1.37 0.00	62.60 2.58 0.00	68.69 3.27 0.00	54.95 1.86 0.00	46.18 1.60 0.00	44.22 1.49 0.00	42.19 1.43 0.00	42.30 1.31 0.00	43.21 1.18 0.00	43.02 1.29 0.00	43.93 1.36 0.00	45.50 1.50 0.00	51.03 1.82 0.00	57.24 2.04 0.00	66.56 3.11 0.00	61.98 2.73 0.00	53.35 2.00 0.00	45.33 1.62 0.00	43.21 1.46 0.00
INDIAN POINT___3 23531	43.75 1.52 0.00	43.50 1.51 0.00	41.61 1.37 0.00	40.69 1.49 0.00	41.94 1.50 0.00	44.44 1.59 0.00	62.96 2.94 0.00	69.15 3.73 0.00	55.32 2.23 0.00	46.45 1.87 0.00	44.44 1.71 0.00	42.48 1.71 0.00	42.51 1.52 0.00	43.46 1.43 0.00	43.23 1.50 0.00	44.14 1.58 0.00	45.81 1.80 0.00	51.32 2.12 0.00	57.63 2.43 0.00	66.94 3.49 0.00	62.34 3.08 0.00	53.71 2.36 0.00	45.59 1.88 0.00	43.42 1.67 0.00
INGHAM_C_115KV_TB7 356103	43.24 1.01 0.00	43.03 1.05 0.00	41.25 1.01 0.00	40.14 0.94 0.00	41.42 0.97 0.00	43.93 1.07 0.00	61.52 1.50 0.00	66.86 1.44 0.00	53.73 0.64 0.00	44.93 0.36 0.00	43.07 0.34 0.00	41.09 0.33 0.00	41.36 0.37 0.00	42.37 0.34 0.00	41.93 0.21 0.00	42.65 0.09 0.00	44.05 0.04 0.00	49.06 -0.15 0.00	54.87 -0.33 0.00	63.20 -0.25 0.00	58.84 -0.41 0.00	50.83 -0.51 0.00	43.27 -0.44 0.00	41.29 -0.46 0.00
IP CORINTH___1 23988	44.38 2.15 0.00	44.17 2.18 0.00	42.30 2.05 0.00	41.35 2.16 0.00	42.55 2.10 0.00	45.43 2.57 0.00	64.34 4.32 0.00	70.33 4.91 0.00	56.17 3.08 0.00	46.76 2.18 0.00	44.61 1.88 0.00	42.60 1.83 0.00	42.83 1.84 0.00	43.97 1.93 0.00	43.60 1.88 0.00	44.53 1.96 0.00	46.08 2.07 0.00	51.76 2.56 0.00	58.12 2.93 0.00	67.58 4.12 0.00	62.99 3.73 0.00	54.27 2.93 0.00	45.94 2.23 0.00	43.92 2.17 0.00

IP___TICONDEROGA 23804	45.56 3.34 0.00	45.39 3.40 0.00	43.47 3.22 0.00	42.49 3.29 0.00	43.68 3.24 0.00	46.89 4.03 0.00	66.68 6.66 0.00	72.62 7.20 0.00	57.60 4.51 0.00	47.65 3.08 0.00	45.33 2.61 0.00	43.29 2.53 0.00	43.57 2.58 0.00	44.81 2.77 0.00	44.48 2.75 0.00	45.42 2.85 0.00	47.00 2.99 0.00	53.04 3.84 0.00	59.67 4.47 0.00	69.67 6.22 0.00	64.94 5.69 0.00	55.76 4.42 0.00	47.07 3.37 0.00	45.05 3.30 0.00
ISLIP_RES_REC 323679	45.02 2.79 -0.01	45.06 3.06 -0.01	42.75 2.50 -0.01	41.67 2.47 0.00	43.45 2.99 -0.01	46.08 3.22 -0.01	65.66 5.40 -0.24	78.35 6.01 -6.91	56.12 3.02 0.00	47.03 2.45 0.00	45.03 2.31 0.00	43.13 2.36 0.00	42.13 1.15 0.00	43.46 1.43 0.00	43.99 2.25 -0.01	45.09 2.51 -0.01	46.83 2.82 -0.01	52.46 3.25 -0.01	58.74 3.54 -0.01	72.70 5.83 -3.42	64.18 4.92 -0.01	55.26 3.90 -0.01	50.59 3.37 -3.51	47.18 3.38 -2.05
JAMAICA__27_KV_LOAD 355505	43.92 1.69 0.00	43.58 1.60 0.00	41.61 1.37 0.00	40.72 1.53 0.00	42.02 1.58 0.00	44.66 1.80 0.00	63.50 3.48 0.00	70.07 4.64 0.00	56.01 2.92 0.00	47.16 2.59 0.00	45.08 2.35 0.00	43.09 2.32 0.00	43.16 2.17 0.00	44.09 2.06 0.00	43.81 2.09 0.00	44.78 2.21 0.00	46.56 2.55 0.00	52.11 2.90 0.00	58.51 3.31 0.00	68.02 4.57 0.00	63.34 4.09 0.00	54.48 3.13 0.00	46.11 2.40 0.00	43.75 2.00 0.00
JANIS___SOLAR 323808	44.63 2.41 0.00	44.33 2.35 0.00	42.50 2.25 0.00	41.27 2.08 0.00	42.63 2.18 0.00	45.43 2.57 0.00	64.16 4.14 0.00	69.55 4.12 0.00	55.90 2.81 0.00	46.58 2.01 0.00	44.52 1.79 0.00	42.40 1.63 0.00	42.67 1.68 0.00	43.97 1.93 0.00	43.52 1.79 0.00	44.19 1.62 0.00	45.77 1.76 0.00	51.37 2.16 0.00	57.85 2.65 0.00	66.75 3.30 0.00	62.39 3.14 0.00	53.66 2.31 0.00	45.59 1.88 0.00	43.50 1.75 0.00
JARVIS____ 23743	42.40 0.17 0.00	42.20 0.21 0.00	40.45 0.20 0.00	39.39 0.20 0.00	40.65 0.20 0.00	43.07 0.22 0.00	60.50 0.48 0.00	66.01 0.59 0.00	53.30 0.21 0.00	44.76 0.18 0.00	42.90 0.17 0.00	40.93 0.16 0.00	41.11 0.12 0.00	42.16 0.13 0.00	41.89 0.17 0.00	42.70 0.13 0.00	44.14 0.13 0.00	49.40 0.20 0.00	55.42 0.22 0.00	63.90 0.45 0.00	59.61 0.36 0.00	51.55 0.21 0.00	43.84 0.13 0.00	41.88 0.13 0.00
JENNISON___1 23625	45.44 3.21 0.00	45.26 3.27 0.00	43.39 3.14 0.00	42.14 2.94 0.00	43.56 3.11 0.00	46.33 3.47 0.00	65.66 5.64 0.00	71.57 6.15 0.00	57.34 4.25 0.00	47.83 3.25 0.00	45.76 3.03 0.00	43.62 2.85 0.00	43.94 2.95 0.00	45.31 3.28 0.00	44.94 3.21 0.00	44.74 2.17 0.00	46.16 2.16 0.00	51.71 2.51 0.00	58.07 2.87 0.00	66.94 3.49 0.00	62.45 3.20 0.00	53.81 2.46 0.00	45.72 2.01 0.00	43.67 1.92 0.00
JENNISON___2 23626	45.44 3.21 0.00	45.26 3.27 0.00	43.39 3.14 0.00	42.14 2.94 0.00	43.56 3.11 0.00	46.33 3.47 0.00	65.66 5.64 0.00	71.57 6.15 0.00	57.34 4.25 0.00	47.83 3.25 0.00	45.76 3.03 0.00	43.62 2.85 0.00	43.94 2.95 0.00	45.31 3.28 0.00	44.94 3.21 0.00	44.74 2.17 0.00	46.16 2.16 0.00	51.71 2.51 0.00	58.07 2.87 0.00	66.94 3.49 0.00	62.45 3.20 0.00	53.81 2.46 0.00	45.72 2.01 0.00	43.67 1.92 0.00
JERICHO_RISE_WT_PWR 323719	42.02 -0.21 0.00	41.98 0.00 0.00	40.25 0.00 0.00	39.31 0.12 0.00	40.53 0.08 0.00	43.12 0.26 0.00	59.96 -0.06 0.00	64.77 -0.65 0.00	53.73 0.64 0.00	45.15 0.58 0.00	43.20 0.47 0.00	41.05 0.29 0.00	41.44 0.45 0.00	42.54 0.51 0.00	42.18 0.46 0.00	42.99 0.43 0.00	44.49 0.48 0.00	49.55 0.35 0.00	55.59 0.39 0.00	62.88 -0.57 0.00	59.08 -0.18 0.00	51.55 0.21 0.00	43.97 0.26 0.00	42.04 0.29 0.00
KATONAH___115KV_46KV_TB4 355592	44.04 1.82 0.00	43.79 1.81 0.00	41.86 1.61 0.00	40.96 1.76 0.00	42.18 1.74 0.00	44.74 1.89 0.00	63.56 3.54 0.00	69.74 4.32 0.00	55.75 2.65 0.00	46.81 2.23 0.00	44.74 2.01 0.00	42.68 1.92 0.00	42.79 1.80 0.00	43.84 1.81 0.00	43.56 1.84 0.00	44.53 1.96 0.00	46.16 2.16 0.00	51.71 2.51 0.00	58.01 2.82 0.00	67.45 4.00 0.00	62.87 3.61 0.00	54.12 2.77 0.00	45.89 2.19 0.00	43.71 1.96 0.00
KCE_NY_1 323755	44.08 1.86 0.00	43.83 1.85 0.00	41.98 1.73 0.00	40.96 1.77 0.00	42.22 1.78 0.00	44.96 2.10 0.00	63.56 3.54 0.00	69.41 3.99 0.00	55.59 2.50 0.00	46.40 1.83 0.00	44.31 1.58 0.00	42.31 1.55 0.00	42.51 1.52 0.00	43.59 1.56 0.00	43.35 1.63 0.00	44.23 1.66 0.00	45.72 1.71 0.00	51.42 2.22 0.00	57.74 2.54 0.00	67.07 3.61 0.00	62.51 3.26 0.00	53.86 2.52 0.00	45.68 1.97 0.00	43.67 1.92 0.00
KCE_NY_6_ESR 323823	41.68 -0.55 0.00	40.77 -1.22 0.00	39.20 -1.05 0.00	37.79 -1.41 0.00	39.31 -1.13 0.00	41.74 -1.11 0.00	57.86 -2.16 0.00	62.15 -3.27 0.00	51.45 -1.65 0.00	43.42 -1.16 0.00	42.04 -0.69 0.00	40.44 -0.33 0.00	40.95 -0.04 0.00	42.08 0.04 0.00	41.43 -0.29 0.00	42.36 -0.21 0.00	43.57 -0.44 0.00	48.27 -0.94 0.00	53.43 -1.77 0.00	60.79 -2.66 0.00	57.42 -1.84 0.00	50.07 -1.28 0.00	42.83 -0.87 0.00	41.00 -0.75 0.00
KEDC_PORT_JEFF_GT2 24210	44.85 2.62 -0.01	44.85 2.86 -0.01	42.55 2.29 -0.01	41.51 2.31 0.00	43.24 2.79 -0.01	45.87 3.00 -0.01	65.30 5.04 -0.24	77.65 5.37 -6.87	55.80 2.71 0.00	46.76 2.18 0.00	44.82 2.09 0.00	42.92 2.16 0.00	41.93 0.94 0.00	43.21 1.18 0.00	43.82 2.09 -0.01	44.87 2.30 -0.01	46.61 2.60 -0.01	52.17 2.95 -0.01	58.41 3.20 -0.01	72.05 5.20 -3.39	63.76 4.50 -0.01	54.95 3.59 -0.01	50.30 3.10 -3.49	46.92 3.13 -2.04
KEDC_PORT_JEFF_GT3 24211	44.85 2.62 -0.01	44.85 2.86 -0.01	42.55 2.29 -0.01	41.51 2.31 0.00	43.24 2.79 -0.01	45.87 3.00 -0.01	65.30 5.04 -0.24	77.65 5.37 -6.87	55.80 2.71 0.00	46.76 2.18 0.00	44.82 2.09 0.00	42.92 2.16 0.00	41.93 0.94 0.00	43.21 1.18 0.00	43.82 2.09 -0.01	44.87 2.30 -0.01	46.61 2.60 -0.01	52.17 2.95 -0.01	58.41 3.20 -0.01	72.05 5.20 -3.39	63.76 4.50 -0.01	54.95 3.59 -0.01	50.30 3.10 -3.49	46.92 3.13 -2.04
KEDC_GLWD_GT4 24219	44.56 2.32 -0.02	44.31 2.31 -0.02	42.35 2.09 -0.02	41.31 2.12 0.00	42.76 2.30 -0.02	45.27 2.40 -0.02	64.51 4.08 -0.41	82.24 4.97 -11.85	56.01 2.92 0.00	47.12 2.54 0.00	45.03 2.31 0.00	43.09 2.32 0.00	42.83 1.85 0.00	43.93 1.89 0.00	44.08 2.34 -0.02	45.05 2.47 -0.02	46.66 2.64 -0.02	52.22 3.00 -0.02	58.58 3.37 -0.02	73.88 4.57 -5.86	63.42 4.15 -0.02	54.70 3.34 -0.02	52.44 2.71 -6.02	47.77 2.50 -3.52
KEDC_GLWD_GT5 24220	44.56 2.32 -0.02	44.31 2.31 -0.02	42.35 2.09 -0.02	41.31 2.12 0.00	42.76 2.30 -0.02	45.27 2.40 -0.02	64.51 4.08 -0.41	82.24 4.97 -11.85	56.01 2.92 0.00	47.12 2.54 0.00	45.03 2.31 0.00	43.09 2.32 0.00	42.83 1.85 0.00	43.93 1.89 0.00	44.08 2.34 -0.02	45.05 2.47 -0.02	46.66 2.64 -0.02	52.22 3.00 -0.02	58.58 3.37 -0.02	73.88 4.57 -5.86	63.42 4.15 -0.02	54.70 3.34 -0.02	52.44 2.71 -6.02	47.77 2.50 -3.52

KENSICO____ 23655	44.00 1.77 0.00	43.75 1.76 0.00	41.82 1.57 0.00	40.88 1.69 0.00	42.14 1.70 0.00	44.70 1.84 0.00	63.38 3.36 0.00	69.67 4.25 0.00	55.69 2.60 0.00	46.81 2.23 0.00	44.74 2.01 0.00	42.76 2.00 0.00	42.79 1.80 0.00	43.76 1.72 0.00	43.52 1.79 0.00	44.48 1.92 0.00	46.16 2.16 0.00	51.71 2.51 0.00	58.07 2.87 0.00	67.45 4.00 0.00	62.81 3.56 0.00	54.12 2.77 0.00	45.89 2.19 0.00	43.71 1.96 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.00 1.77 0.00	43.75 1.76 0.00	41.86 1.61 0.00	40.88 1.69 0.00	42.18 1.74 0.00	44.66 1.80 0.00	63.38 3.36 0.00	69.41 3.99 0.00	55.53 2.44 0.00	46.49 1.92 0.00	44.48 1.75 0.00	42.40 1.63 0.00	42.46 1.48 0.00	43.46 1.43 0.00	43.27 1.54 0.00	44.19 1.62 0.00	45.86 1.85 0.00	51.37 2.17 0.00	57.74 2.54 0.00	67.13 3.68 0.00	62.51 3.26 0.00	53.71 2.36 0.00	45.59 1.88 0.00	43.50 1.75 0.00
KIAC_JFK_GT1 23816	43.70 1.48 0.00	43.37 1.39 0.00	41.41 1.17 0.00	40.53 1.33 0.00	41.82 1.38 0.00	44.44 1.59 0.00	62.96 2.94 0.00	69.48 4.06 0.00	55.59 2.50 0.00	46.89 2.32 0.00	44.82 2.09 0.00	42.88 2.12 0.00	42.91 1.93 0.00	43.84 1.81 0.00	43.60 1.88 0.00	44.57 2.00 0.00	46.30 2.29 0.00	51.67 2.46 0.00	58.01 2.82 0.00	67.45 4.00 0.00	62.81 3.56 0.00	54.02 2.67 0.00	45.85 2.14 0.00	43.50 1.75 0.00
KIAC_JFK_GT2 23817	43.70 1.48 0.00	43.37 1.39 0.00	41.41 1.17 0.00	40.53 1.33 0.00	41.82 1.38 0.00	44.44 1.59 0.00	62.96 2.94 0.00	69.48 4.06 0.00	55.59 2.50 0.00	46.89 2.32 0.00	44.82 2.09 0.00	42.88 2.12 0.00	42.91 1.93 0.00	43.84 1.81 0.00	43.60 1.88 0.00	44.57 2.00 0.00	46.30 2.29 0.00	51.67 2.46 0.00	58.01 2.82 0.00	67.45 4.00 0.00	62.81 3.56 0.00	54.02 2.67 0.00	45.85 2.14 0.00	43.50 1.75 0.00
KIAC_JFK____ 323774	43.70 1.48 0.00	43.37 1.38 0.00	41.37 1.13 0.00	40.41 1.22 0.00	41.82 1.38 0.00	44.40 1.54 0.00	62.90 2.88 0.00	69.35 3.93 0.00	55.54 2.44 0.00	46.80 2.23 0.00	44.86 2.14 0.00	42.80 2.04 0.00	42.88 1.89 0.00	43.80 1.77 0.00	43.56 1.83 0.00	44.53 1.96 0.00	46.21 2.20 0.00	51.91 2.70 0.00	57.96 2.76 0.00	67.45 4.00 0.00	62.75 3.50 0.00	54.02 2.67 0.00	45.81 2.10 0.00	43.50 1.75 0.00
KINTIGH____ 23543	41.21 -1.01 0.00	40.47 -1.51 0.00	38.84 -1.41 0.00	37.08 -2.12 0.00	38.95 -1.50 0.00	41.27 -1.59 0.00	57.26 -2.76 0.00	61.50 -3.93 0.00	50.97 -2.12 0.00	42.88 -1.69 0.00	41.70 -1.03 0.00	39.83 -0.94 0.00	40.41 -0.57 0.00	41.53 -0.50 0.00	41.02 -0.71 0.00	41.84 -0.72 0.00	42.86 -1.14 0.00	47.83 -1.38 0.00	53.10 -2.10 0.00	60.47 -2.98 0.00	56.94 -2.31 0.00	49.65 -1.69 0.00	42.40 -1.31 0.00	40.66 -1.09 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.86 0.63 0.00	42.82 0.84 0.00	41.01 0.76 0.00	40.06 0.86 0.00	41.25 0.81 0.00	43.97 1.11 0.00	61.34 1.32 0.00	66.01 0.59 0.00	54.84 1.75 0.00	46.00 1.43 0.00	43.97 1.24 0.00	41.70 0.94 0.00	42.22 1.23 0.00	43.38 1.35 0.00	42.98 1.25 0.00	43.80 1.23 0.00	45.33 1.32 0.00	50.48 1.28 0.00	56.74 1.55 0.00	64.09 0.63 0.00	60.44 1.19 0.00	52.58 1.23 0.00	44.80 1.09 0.00	42.79 1.04 0.00
LACHUTE__HYDRO 323717	45.56 3.34 0.00	45.38 3.40 0.00	43.42 3.18 0.00	42.41 3.21 0.00	43.68 3.24 0.00	46.89 4.03 0.00	66.62 6.60 0.00	72.55 7.13 0.00	57.60 4.51 0.00	47.61 3.03 0.00	45.33 2.61 0.00	43.29 2.53 0.00	43.57 2.58 0.00	44.81 2.77 0.00	44.48 2.75 0.00	45.42 2.85 0.00	47.00 2.99 0.00	53.05 3.84 0.00	59.67 4.47 0.00	69.67 6.22 0.00	65.00 5.75 0.00	55.87 4.52 0.00	47.03 3.32 0.00	45.05 3.30 0.00
LAWRNCV_115KV_TB1 80681	41.68 -0.55 0.00	41.65 -0.34 0.00	39.84 -0.40 0.00	38.84 -0.35 0.00	39.92 -0.53 0.00	42.43 -0.43 0.00	58.58 -1.44 0.00	63.13 -2.29 0.00	52.03 -1.06 0.00	43.91 -0.67 0.00	42.04 -0.68 0.00	39.95 -0.82 0.00	40.37 -0.61 0.00	41.49 -0.55 0.00	41.18 -0.54 0.00	41.93 -0.64 0.00	43.30 -0.70 0.00	47.98 -1.23 0.00	53.93 -1.27 0.00	61.10 -2.35 0.00	57.42 -1.84 0.00	50.06 -1.28 0.00	43.01 -0.70 0.00	41.12 -0.63 0.00
LEDERLE____ 23769	43.79 1.56 0.00	43.54 1.55 0.00	41.65 1.41 0.00	40.72 1.53 0.00	41.94 1.50 0.00	44.44 1.59 0.00	62.96 2.94 0.00	69.15 3.73 0.00	55.32 2.23 0.00	46.49 1.92 0.00	44.48 1.75 0.00	42.52 1.75 0.00	42.59 1.60 0.00	43.51 1.47 0.00	43.31 1.59 0.00	44.23 1.66 0.00	45.86 1.85 0.00	51.32 2.12 0.00	57.63 2.43 0.00	67.00 3.55 0.00	62.34 3.08 0.00	53.66 2.31 0.00	45.59 1.88 0.00	43.42 1.67 0.00
LIGHTHSE_115KV_TB6 355974	41.68 -0.55 0.00	41.40 -0.59 0.00	39.72 -0.52 0.00	38.57 -0.63 0.00	39.88 -0.57 0.00	42.39 -0.47 0.00	59.60 -0.42 0.00	64.70 -0.72 0.00	52.30 -0.80 0.00	43.77 -0.80 0.00	42.09 -0.64 0.00	40.07 -0.69 0.00	40.37 -0.61 0.00	41.53 -0.50 0.00	41.14 -0.58 0.00	42.01 -0.55 0.00	43.30 -0.70 0.00	48.47 -0.74 0.00	54.48 -0.72 0.00	62.82 -0.63 0.00	58.72 -0.53 0.00	50.68 -0.67 0.00	43.05 -0.66 0.00	41.08 -0.67 0.00
LINDEN COGEN____ 23786	44.04 1.81 0.00	43.75 1.76 0.00	41.77 1.53 0.00	40.80 1.61 0.00	42.14 1.70 0.00	44.70 1.84 0.00	63.50 3.48 0.00	69.87 4.45 0.00	55.90 2.81 0.00	46.94 2.36 0.00	44.99 2.26 0.00	42.97 2.20 0.00	43.04 2.05 0.00	43.93 1.89 0.00	43.73 2.00 0.00	44.65 2.09 0.00	46.29 2.29 0.00	51.96 2.75 0.00	58.29 3.09 0.00	67.70 4.25 0.00	62.99 3.74 0.00	54.32 2.98 0.00	46.02 2.31 0.00	43.79 2.05 0.00
LINDHRST_69_KV_BK1 356055	45.07 2.83 -0.01	44.85 2.85 -0.01	42.79 2.54 -0.01	41.82 2.63 0.00	43.33 2.87 -0.01	45.87 3.00 -0.01	65.38 5.10 -0.26	79.11 6.02 -7.67	56.60 3.50 0.00	47.74 3.16 0.00	45.42 2.69 0.00	43.50 2.73 0.00	42.79 1.80 0.00	44.05 2.02 0.00	44.40 2.67 -0.01	45.35 2.77 -0.01	47.10 3.08 -0.01	52.61 3.40 -0.01	59.13 3.92 -0.01	72.76 5.52 -3.79	64.24 4.98 -0.01	55.31 3.95 -0.01	50.93 3.32 -3.90	47.16 3.13 -2.28
LIPA_MISC_IPP 23656	44.39 2.15 -0.01	44.60 2.60 -0.01	42.23 1.97 -0.01	41.23 2.04 0.00	43.08 2.63 -0.01	45.61 2.74 -0.01	65.60 5.34 -0.23	78.48 6.22 -6.84	56.17 3.08 0.00	47.07 2.50 0.00	44.99 2.26 0.00	43.13 2.36 0.00	41.93 0.94 0.00	43.25 1.22 0.00	43.61 1.88 -0.01	44.62 2.04 -0.01	46.44 2.42 -0.01	52.02 2.80 -0.01	58.30 3.09 -0.01	72.61 5.77 -3.38	63.94 4.68 -0.01	55.00 3.65 -0.01	50.20 3.02 -3.47	46.70 2.92 -2.03
LISF__SOLAR 323691	44.47 2.24 -0.01	44.72 2.73 -0.01	42.27 2.01 -0.01	41.19 2.00 0.00	43.12 2.67 -0.01	45.74 2.87 -0.01	65.42 5.16 -0.23	78.03 5.76 -6.85	55.59 2.50 0.00	46.40 1.83 0.00	44.56 1.84 0.00	42.68 1.92 0.00	41.48 0.49 0.00	42.79 0.76 0.00	43.36 1.63 -0.01	44.45 1.87 -0.01	46.17 2.16 -0.01	51.82 2.61 -0.01	58.02 2.81 -0.01	72.35 5.52 -3.39	63.59 4.32 -0.01	54.80 3.44 -0.01	50.12 2.93 -3.48	46.83 3.05 -2.03

LITTLE FALLS___HYD 24013	43.24 1.01 0.00	43.03 1.05 0.00	41.25 1.01 0.00	40.14 0.94 0.00	41.42 0.97 0.00	43.93 1.07 0.00	61.52 1.50 0.00	66.86 1.44 0.00	53.73 0.64 0.00	44.93 0.36 0.00	43.07 0.34 0.00	41.09 0.33 0.00	41.36 0.37 0.00	42.37 0.34 0.00	41.93 0.21 0.00	42.65 0.09 0.00	44.05 0.04 0.00	49.06 -0.15 0.00	54.87 -0.33 0.00	63.20 -0.25 0.00	58.84 -0.41 0.00	50.83 -0.51 0.00	43.27 -0.44 0.00	41.29 -0.46 0.00
LITTLRIV_115KV_TB1 356100	42.23 0.00 0.00	42.24 0.25 0.00	40.41 0.16 0.00	39.35 0.16 0.00	40.44 0.00 0.00	43.07 0.21 0.00	59.48 -0.54 0.00	63.98 -1.44 0.00	52.61 -0.48 0.00	44.31 -0.27 0.00	42.39 -0.34 0.00	40.28 -0.49 0.00	40.70 -0.29 0.00	41.87 -0.17 0.00	41.56 -0.17 0.00	42.23 -0.34 0.00	43.65 -0.35 0.00	48.42 -0.79 0.00	54.59 -0.61 0.00	61.93 -1.52 0.00	58.19 -1.07 0.00	50.73 -0.62 0.00	43.53 -0.17 0.00	41.62 -0.13 0.00
LI_NEWBRDGE___DRP 323616	44.30 2.07 -0.01	44.05 2.06 -0.01	42.19 1.93 -0.01	41.23 2.04 0.00	42.64 2.18 -0.01	45.05 2.19 -0.01	64.14 3.90 -0.22	76.50 4.71 -6.36	55.75 2.65 0.00	47.03 2.45 0.00	44.78 2.05 0.00	42.88 2.12 0.00	42.34 1.35 0.00	43.55 1.51 0.00	43.78 2.04 -0.01	44.70 2.13 -0.01	46.30 2.29 -0.01	51.72 2.51 -0.01	58.08 2.87 -0.01	70.66 4.06 -3.15	62.88 3.61 -0.01	54.23 2.88 -0.01	49.35 2.40 -3.23	45.89 2.25 -1.89
LOCKPORT_115KV_TB60_63_64 80432	40.88 -1.35 0.00	39.97 -2.02 0.00	38.35 -1.89 0.00	36.37 -2.82 0.00	38.46 -1.98 0.00	40.76 -2.10 0.00	56.30 -3.72 0.00	60.12 -5.30 0.00	50.17 -2.92 0.00	42.17 -2.41 0.00	41.23 -1.50 0.00	39.38 -1.39 0.00	40.09 -0.90 0.00	41.15 -0.88 0.00	40.60 -1.13 0.00	41.46 -1.11 0.00	42.33 -1.67 0.00	47.24 -1.97 0.00	52.27 -2.93 0.00	59.20 -4.25 0.00	56.00 -3.26 0.00	49.04 -2.31 0.00	41.87 -1.84 0.00	40.25 -1.50 0.00
LOCKPORT___CC1 323769	40.92 -1.31 0.00	40.01 -1.97 0.00	38.48 -1.77 0.00	37.12 -2.08 0.00	38.54 -1.90 0.00	40.93 -1.93 0.00	56.66 -3.36 0.00	60.71 -4.71 0.00	50.33 -2.76 0.00	42.48 -2.09 0.00	41.23 -1.50 0.00	39.54 -1.22 0.00	40.05 -0.94 0.00	41.19 -0.84 0.00	40.60 -1.12 0.00	41.51 -1.06 0.00	42.69 -1.32 0.00	47.29 -1.92 0.00	52.27 -2.93 0.00	59.52 -3.93 0.00	56.23 -3.02 0.00	49.09 -2.26 0.00	42.09 -1.62 0.00	40.25 -1.50 0.00
LOCKPORT___CC2 323770	40.92 -1.31 0.00	40.01 -1.97 0.00	38.48 -1.77 0.00	37.12 -2.08 0.00	38.54 -1.90 0.00	40.93 -1.93 0.00	56.66 -3.36 0.00	60.71 -4.71 0.00	50.33 -2.76 0.00	42.48 -2.09 0.00	41.23 -1.50 0.00	39.54 -1.22 0.00	40.05 -0.94 0.00	41.19 -0.84 0.00	40.60 -1.12 0.00	41.51 -1.06 0.00	42.69 -1.32 0.00	47.29 -1.92 0.00	52.27 -2.93 0.00	59.52 -3.93 0.00	56.23 -3.02 0.00	49.09 -2.26 0.00	42.09 -1.62 0.00	40.25 -1.50 0.00
LOCKPORT___CC3 323771	40.92 -1.31 0.00	40.01 -1.97 0.00	38.48 -1.77 0.00	37.12 -2.08 0.00	38.54 -1.90 0.00	40.93 -1.93 0.00	56.66 -3.36 0.00	60.71 -4.71 0.00	50.33 -2.76 0.00	42.48 -2.09 0.00	41.23 -1.50 0.00	39.54 -1.22 0.00	40.05 -0.94 0.00	41.19 -0.84 0.00	40.60 -1.12 0.00	41.51 -1.06 0.00	42.69 -1.32 0.00	47.29 -1.92 0.00	52.27 -2.93 0.00	59.52 -3.93 0.00	56.23 -3.02 0.00	49.09 -2.26 0.00	42.09 -1.62 0.00	40.25 -1.50 0.00
LONG_LAKE_PHOENIX 24014	41.55 -0.68 0.00	41.23 -0.76 0.00	39.52 -0.72 0.00	38.37 -0.82 0.00	39.68 -0.77 0.00	42.13 -0.73 0.00	59.18 -0.84 0.00	64.38 -1.05 0.00	52.24 -0.85 0.00	43.86 -0.71 0.00	42.13 -0.60 0.00	40.19 -0.57 0.00	40.46 -0.53 0.00	41.57 -0.46 0.00	41.22 -0.50 0.00	42.06 -0.51 0.00	43.39 -0.62 0.00	48.52 -0.69 0.00	54.42 -0.77 0.00	62.63 -0.82 0.00	58.54 -0.71 0.00	50.58 -0.77 0.00	43.01 -0.70 0.00	41.04 -0.71 0.00
LOVETT___3 23632	43.66 1.44 0.00	43.41 1.43 0.00	41.53 1.29 0.00	40.61 1.41 0.00	41.82 1.38 0.00	44.32 1.46 0.00	62.78 2.76 0.00	68.95 3.53 0.00	55.16 2.07 0.00	46.36 1.78 0.00	44.31 1.58 0.00	42.36 1.59 0.00	42.42 1.43 0.00	43.34 1.30 0.00	43.14 1.42 0.00	44.06 1.49 0.00	45.68 1.67 0.00	51.12 1.92 0.00	57.46 2.26 0.00	66.75 3.30 0.00	62.16 2.90 0.00	53.50 2.16 0.00	45.46 1.75 0.00	43.34 1.59 0.00
LOVETT___4 23642	43.66 1.44 0.00	43.41 1.43 0.00	41.53 1.29 0.00	40.61 1.41 0.00	41.82 1.38 0.00	44.32 1.46 0.00	62.78 2.76 0.00	68.95 3.53 0.00	55.16 2.07 0.00	46.36 1.78 0.00	44.31 1.58 0.00	42.36 1.59 0.00	42.42 1.43 0.00	43.34 1.30 0.00	43.14 1.42 0.00	44.06 1.49 0.00	45.68 1.67 0.00	51.12 1.92 0.00	57.46 2.26 0.00	66.75 3.30 0.00	62.16 2.90 0.00	53.50 2.16 0.00	45.46 1.75 0.00	43.34 1.59 0.00
LOVETT___5 23593	43.66 1.44 0.00	43.41 1.43 0.00	41.53 1.29 0.00	40.61 1.41 0.00	41.82 1.38 0.00	44.32 1.46 0.00	62.78 2.76 0.00	68.95 3.53 0.00	55.16 2.07 0.00	46.36 1.78 0.00	44.31 1.58 0.00	42.36 1.59 0.00	42.42 1.43 0.00	43.34 1.30 0.00	43.14 1.42 0.00	44.06 1.49 0.00	45.68 1.67 0.00	51.12 1.92 0.00	57.46 2.26 0.00	66.75 3.30 0.00	62.16 2.90 0.00	53.50 2.16 0.00	45.46 1.75 0.00	43.34 1.59 0.00
LOWER RAQUET___HYD 24057	41.47 -0.76 0.00	41.44 -0.55 0.00	39.64 -0.60 0.00	38.65 -0.55 0.00	39.72 -0.73 0.00	42.22 -0.64 0.00	58.28 -1.74 0.00	62.80 -2.62 0.00	51.77 -1.33 0.00	43.64 -0.94 0.00	41.79 -0.94 0.00	39.71 -1.06 0.00	40.13 -0.86 0.00	41.28 -0.76 0.00	40.97 -0.75 0.00	41.67 -0.90 0.00	43.04 -0.97 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	60.79 -2.66 0.00	57.12 -2.13 0.00	49.81 -1.54 0.00	42.75 -0.96 0.00	40.87 -0.88 0.00
LOWER___HUDSON 24059	43.32 1.10 0.00	43.07 1.09 0.00	41.25 1.01 0.00	40.25 1.06 0.00	41.54 1.09 0.00	44.14 1.28 0.00	62.36 2.34 0.00	68.30 2.88 0.00	54.74 1.65 0.00	45.82 1.25 0.00	43.84 1.11 0.00	41.82 1.06 0.00	41.93 0.94 0.00	42.92 0.88 0.00	42.64 0.92 0.00	43.55 0.98 0.00	44.97 0.97 0.00	50.53 1.33 0.00	56.85 1.65 0.00	65.99 2.54 0.00	61.51 2.25 0.00	53.04 1.69 0.00	45.02 1.31 0.00	43.05 1.30 0.00
LOWVILLE_115KV_TB2 356335	42.65 0.42 0.00	42.53 0.55 0.00	40.73 0.48 0.00	39.63 0.43 0.00	40.89 0.44 0.00	43.59 0.73 0.00	61.22 1.20 0.00	65.81 0.39 0.00	52.93 -0.16 0.00	44.26 -0.31 0.00	42.81 0.09 0.00	40.72 -0.04 0.00	41.03 0.04 0.00	42.24 0.21 0.00	41.89 0.17 0.00	42.70 0.13 0.00	43.74 -0.26 0.00	48.86 -0.34 0.00	54.92 -0.28 0.00	63.26 -0.19 0.00	59.08 -0.18 0.00	50.99 -0.36 0.00	43.36 -0.35 0.00	41.37 -0.38 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.04 1.82 0.00	43.83 1.85 0.00	41.98 1.73 0.00	41.00 1.80 0.00	42.22 1.78 0.00	44.96 2.10 0.00	63.50 3.48 0.00	69.41 3.99 0.00	55.53 2.44 0.00	46.40 1.83 0.00	44.31 1.58 0.00	42.31 1.55 0.00	42.51 1.52 0.00	43.59 1.56 0.00	43.31 1.59 0.00	44.19 1.62 0.00	45.72 1.72 0.00	51.37 2.17 0.00	57.68 2.48 0.00	67.00 3.55 0.00	62.45 3.20 0.00	53.81 2.46 0.00	45.63 1.92 0.00	43.63 1.88 0.00

LUTHERNY_35_KV_BK2 355980	44.08 1.86 0.00	43.83 1.85 0.00	42.02 1.77 0.00	41.04 1.84 0.00	42.26 1.82 0.00	44.96 2.10 0.00	63.56 3.54 0.00	69.48 4.06 0.00	55.59 2.50 0.00	46.40 1.83 0.00	44.31 1.58 0.00	42.31 1.55 0.00	42.51 1.52 0.00	43.59 1.56 0.00	43.35 1.63 0.00	44.23 1.66 0.00	45.77 1.76 0.00	51.42 2.21 0.00	57.74 2.54 0.00	67.07 3.62 0.00	62.51 3.26 0.00	53.86 2.52 0.00	45.67 1.97 0.00	43.67 1.92 0.00
LWR___OSWEGATCHIE_HYD 23850	41.51 -0.72 0.00	41.44 -0.55 0.00	39.68 -0.56 0.00	38.65 -0.55 0.00	39.80 -0.65 0.00	42.34 -0.51 0.00	59.06 -0.96 0.00	63.59 -1.83 0.00	51.71 -1.38 0.00	43.42 -1.16 0.00	41.74 -0.98 0.00	39.66 -1.10 0.00	40.00 -0.98 0.00	41.19 -0.84 0.00	40.89 -0.83 0.00	41.63 -0.94 0.00	42.82 -1.19 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	61.36 -2.09 0.00	57.48 -1.78 0.00	49.86 -1.49 0.00	42.57 -1.14 0.00	40.62 -1.13 0.00
LYONS_FALL_HYD 23570	42.86 0.63 0.00	42.70 0.71 0.00	40.93 0.68 0.00	39.78 0.59 0.00	41.09 0.65 0.00	43.72 0.86 0.00	61.52 1.50 0.00	66.47 1.04 0.00	53.51 0.42 0.00	44.76 0.18 0.00	43.15 0.43 0.00	41.09 0.32 0.00	41.40 0.41 0.00	42.58 0.55 0.00	42.23 0.50 0.00	43.04 0.47 0.00	44.23 0.22 0.00	49.45 0.25 0.00	55.59 0.39 0.00	64.02 0.57 0.00	59.79 0.53 0.00	51.61 0.26 0.00	43.88 0.18 0.00	41.83 0.08 0.00
MADISON___COUNTY_LFGE 323628	43.41 1.18 0.00	43.16 1.18 0.00	41.37 1.13 0.00	40.18 0.98 0.00	41.54 1.09 0.00	44.19 1.33 0.00	62.18 2.16 0.00	67.52 2.09 0.00	54.52 1.43 0.00	45.60 1.03 0.00	43.80 1.07 0.00	41.70 0.94 0.00	42.05 1.07 0.00	43.25 1.22 0.00	42.85 1.13 0.00	43.76 1.19 0.00	45.20 1.19 0.00	50.53 1.33 0.00	56.74 1.55 0.00	65.48 2.03 0.00	61.09 1.84 0.00	52.73 1.39 0.00	44.80 1.09 0.00	42.79 1.04 0.00
MALONE___115KV_TB1 356076	42.40 0.17 0.00	42.40 0.42 0.00	40.57 0.32 0.00	39.63 0.43 0.00	40.77 0.32 0.00	43.42 0.56 0.00	60.44 0.42 0.00	64.96 -0.46 0.00	53.99 0.90 0.00	45.38 0.80 0.00	43.37 0.64 0.00	41.17 0.41 0.00	41.64 0.66 0.00	42.79 0.76 0.00	42.43 0.71 0.00	43.21 0.64 0.00	44.71 0.70 0.00	49.75 0.54 0.00	55.86 0.66 0.00	63.07 -0.38 0.00	59.49 0.24 0.00	51.81 0.46 0.00	44.23 0.52 0.00	42.21 0.46 0.00
MAPLEWOD_115KV_TB3 80458	43.07 0.84 0.00	42.82 0.84 0.00	41.01 0.76 0.00	40.14 0.94 0.00	41.29 0.85 0.00	43.84 0.99 0.00	61.82 1.80 0.00	67.71 2.29 0.00	54.26 1.17 0.00	45.51 0.94 0.00	43.50 0.77 0.00	41.54 0.77 0.00	41.64 0.66 0.00	42.58 0.55 0.00	42.35 0.63 0.00	43.25 0.68 0.00	44.76 0.75 0.00	50.24 1.03 0.00	56.41 1.21 0.00	65.55 2.09 0.00	61.09 1.84 0.00	52.63 1.28 0.00	44.71 1.01 0.00	42.71 0.96 0.00
MAPLE_RIDGE_WT_1 323574	42.06 -0.17 0.00	41.86 -0.13 0.00	40.13 -0.12 0.00	39.08 -0.12 0.00	40.28 -0.16 0.00	42.65 -0.21 0.00	59.36 -0.66 0.00	64.44 -0.98 0.00	52.61 -0.48 0.00	44.31 -0.27 0.00	42.47 -0.25 0.00	40.48 -0.28 0.00	40.70 -0.28 0.00	41.74 -0.29 0.00	41.39 -0.34 0.00	42.18 -0.38 0.00	43.57 -0.44 0.00	48.62 -0.59 0.00	54.48 -0.72 0.00	62.31 -1.14 0.00	58.13 -1.13 0.00	50.42 -0.92 0.00	42.88 -0.83 0.00	40.95 -0.79 0.00
MAPLE_RIDGE_WT_2 323611	42.06 -0.17 0.00	41.86 -0.13 0.00	40.13 -0.12 0.00	39.08 -0.12 0.00	40.28 -0.16 0.00	42.65 -0.21 0.00	59.36 -0.66 0.00	64.44 -0.98 0.00	52.61 -0.48 0.00	44.31 -0.27 0.00	42.47 -0.25 0.00	40.48 -0.28 0.00	40.70 -0.28 0.00	41.74 -0.29 0.00	41.39 -0.34 0.00	42.18 -0.38 0.00	43.57 -0.44 0.00	48.62 -0.59 0.00	54.48 -0.72 0.00	62.31 -1.14 0.00	58.13 -1.13 0.00	50.42 -0.92 0.00	42.88 -0.83 0.00	40.95 -0.79 0.00
MARBLE_RIVER_WT_PWR 323696	42.10 -0.13 0.00	42.03 0.04 0.00	40.29 0.04 0.00	39.35 0.16 0.00	40.57 0.12 0.00	43.16 0.30 0.00	60.08 0.06 0.00	64.90 -0.53 0.00	53.73 0.64 0.00	45.15 0.58 0.00	43.20 0.47 0.00	41.09 0.32 0.00	41.48 0.49 0.00	42.58 0.55 0.00	42.23 0.50 0.00	43.04 0.47 0.00	44.49 0.48 0.00	49.55 0.35 0.00	55.64 0.44 0.00	62.94 -0.51 0.00	59.20 -0.06 0.00	51.55 0.21 0.00	44.02 0.31 0.00	42.04 0.29 0.00
MARSHVLE_115KV_TB1 80742	44.55 2.32 0.00	44.38 2.39 0.00	42.54 2.29 0.00	41.47 2.27 0.00	42.79 2.35 0.00	45.69 2.83 0.00	64.76 4.74 0.00	70.66 5.23 0.00	56.01 2.92 0.00	46.36 1.78 0.00	43.97 1.24 0.00	41.87 1.10 0.00	42.51 1.52 0.00	43.76 1.72 0.00	43.52 1.79 0.00	44.27 1.70 0.00	45.94 1.94 0.00	51.86 2.66 0.00	58.56 3.37 0.00	68.15 4.70 0.00	63.52 4.27 0.00	54.58 3.23 0.00	46.16 2.45 0.00	44.05 2.30 0.00
MARSH_HILL_WT_PWR 323713	42.74 0.51 0.00	41.94 -0.04 0.00	40.17 -0.08 0.00	38.77 -0.43 0.00	40.16 -0.28 0.00	42.77 -0.09 0.00	59.84 -0.18 0.00	64.37 -1.05 0.00	52.66 -0.43 0.00	44.09 -0.49 0.00	42.43 -0.30 0.00	40.40 -0.37 0.00	40.78 -0.20 0.00	42.08 0.04 0.00	41.48 -0.25 0.00	42.48 -0.08 0.00	43.83 -0.18 0.00	48.96 -0.24 0.00	54.65 -0.55 0.00	62.56 -0.89 0.00	58.78 -0.48 0.00	50.83 -0.51 0.00	43.31 -0.39 0.00	41.37 -0.38 0.00
MCINTYRE_115KV_TB2 80467	42.78 0.55 0.00	42.78 0.80 0.00	40.89 0.64 0.00	39.86 0.67 0.00	40.97 0.53 0.00	43.59 0.73 0.00	60.14 0.12 0.00	64.70 -0.72 0.00	53.14 0.05 0.00	44.71 0.13 0.00	42.73 0.00 0.00	40.60 -0.16 0.00	40.99 0.00 0.00	42.16 0.13 0.00	41.89 0.17 0.00	42.61 0.04 0.00	44.10 0.09 0.00	48.96 -0.25 0.00	55.20 0.00 0.00	62.69 -0.76 0.00	58.90 -0.36 0.00	51.35 0.00 0.00	44.10 0.39 0.00	42.17 0.42 0.00
MECO_____69_KV_BK1 80468	45.22 3.00 0.00	45.05 3.06 0.00	43.14 2.90 0.00	42.14 2.94 0.00	43.44 2.99 0.00	46.46 3.60 0.00	65.84 5.82 0.00	71.83 6.41 0.00	56.91 3.82 0.00	47.12 2.54 0.00	44.69 1.97 0.00	42.56 1.79 0.00	43.00 2.01 0.00	44.26 2.23 0.00	44.06 2.34 0.00	44.91 2.34 0.00	46.65 2.64 0.00	52.70 3.49 0.00	59.45 4.25 0.00	69.23 5.77 0.00	64.47 5.21 0.00	55.35 4.01 0.00	46.81 3.10 0.00	44.71 2.96 0.00
MENANDS___115KV_TB5 355628	42.86 0.63 0.00	42.61 0.63 0.00	40.81 0.56 0.00	39.98 0.78 0.00	41.09 0.65 0.00	43.63 0.77 0.00	61.40 1.38 0.00	67.32 1.90 0.00	53.99 0.90 0.00	45.29 0.71 0.00	43.28 0.56 0.00	41.38 0.61 0.00	41.48 0.49 0.00	42.37 0.34 0.00	42.18 0.46 0.00	43.04 0.47 0.00	44.54 0.53 0.00	49.94 0.74 0.00	56.08 0.88 0.00	65.23 1.78 0.00	60.74 1.48 0.00	52.32 0.98 0.00	44.49 0.79 0.00	42.50 0.75 0.00
MG INDUSTRY___DRP 24185	42.99 0.76 0.00	42.78 0.80 0.00	41.01 0.76 0.00	40.10 0.90 0.00	41.29 0.85 0.00	43.76 0.90 0.00	61.52 1.50 0.00	67.19 1.77 0.00	53.68 0.58 0.00	45.02 0.45 0.00	43.07 0.34 0.00	41.17 0.41 0.00	41.28 0.29 0.00	42.24 0.21 0.00	41.97 0.25 0.00	43.04 0.47 0.00	44.54 0.53 0.00	49.94 0.74 0.00	56.14 0.94 0.00	65.10 1.65 0.00	60.68 1.42 0.00	52.32 0.98 0.00	44.54 0.83 0.00	42.58 0.83 0.00

MID___OSWEGATCHIE_HYD 23849	41.51 -0.72 0.00	41.44 -0.55 0.00	39.68 -0.56 0.00	38.65 -0.55 0.00	39.80 -0.65 0.00	42.34 -0.51 0.00	59.06 -0.96 0.00	63.59 -1.83 0.00	51.71 -1.38 0.00	43.42 -1.16 0.00	41.74 -0.98 0.00	39.66 -1.10 0.00	40.00 -0.98 0.00	41.19 -0.84 0.00	40.89 -0.83 0.00	41.63 -0.94 0.00	42.82 -1.19 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	61.36 -2.09 0.00	57.48 -1.78 0.00	49.86 -1.49 0.00	42.57 -1.14 0.00	40.62 -1.13 0.00
MID___RAQUETTE_HYD 23851	41.47 -0.76 0.00	41.44 -0.55 0.00	39.64 -0.60 0.00	38.65 -0.55 0.00	39.72 -0.73 0.00	42.22 -0.64 0.00	58.34 -1.68 0.00	62.81 -2.62 0.00	51.76 -1.33 0.00	43.64 -0.94 0.00	41.79 -0.94 0.00	39.71 -1.06 0.00	40.13 -0.86 0.00	41.28 -0.76 0.00	40.97 -0.75 0.00	41.67 -0.89 0.00	43.04 -0.97 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	60.79 -2.66 0.00	57.12 -2.13 0.00	49.81 -1.54 0.00	42.75 -0.96 0.00	40.87 -0.88 0.00
MILLIKEN___1 23584	43.16 0.93 0.00	42.82 0.84 0.00	41.05 0.80 0.00	39.78 0.59 0.00	41.21 0.77 0.00	43.76 0.90 0.00	61.52 1.50 0.00	66.80 1.37 0.00	54.21 1.11 0.00	45.38 0.80 0.00	43.54 0.81 0.00	41.50 0.73 0.00	41.81 0.82 0.00	43.00 0.97 0.00	42.56 0.83 0.00	43.46 0.89 0.00	44.93 0.92 0.00	50.29 1.08 0.00	56.41 1.21 0.00	64.97 1.52 0.00	60.74 1.48 0.00	52.43 1.08 0.00	44.54 0.83 0.00	42.54 0.79 0.00
MILLIKEN___2 23585	43.16 0.93 0.00	42.82 0.84 0.00	41.05 0.80 0.00	39.78 0.59 0.00	41.21 0.77 0.00	43.76 0.90 0.00	61.52 1.50 0.00	66.80 1.37 0.00	54.21 1.11 0.00	45.38 0.80 0.00	43.54 0.81 0.00	41.50 0.73 0.00	41.81 0.82 0.00	43.00 0.97 0.00	42.56 0.83 0.00	43.46 0.89 0.00	44.93 0.92 0.00	50.29 1.08 0.00	56.41 1.21 0.00	64.97 1.52 0.00	60.74 1.48 0.00	52.43 1.08 0.00	44.54 0.83 0.00	42.54 0.79 0.00
MILLIKEN___DIESEL 23629	43.16 0.93 0.00	42.82 0.84 0.00	41.05 0.80 0.00	39.78 0.59 0.00	41.21 0.77 0.00	43.76 0.90 0.00	61.52 1.50 0.00	66.80 1.37 0.00	54.21 1.11 0.00	45.38 0.80 0.00	43.54 0.81 0.00	41.50 0.73 0.00	41.81 0.82 0.00	43.00 0.97 0.00	42.56 0.83 0.00	43.46 0.89 0.00	44.93 0.92 0.00	50.29 1.08 0.00	56.41 1.21 0.00	64.97 1.52 0.00	60.74 1.48 0.00	52.43 1.08 0.00	44.54 0.83 0.00	42.54 0.79 0.00
MILLSEAT___LFGE 323607	41.68 -0.55 0.00	40.81 -1.18 0.00	39.28 -0.97 0.00	37.86 -1.33 0.00	39.35 -1.09 0.00	41.79 -1.07 0.00	58.10 -1.92 0.00	62.41 -3.01 0.00	51.66 -1.43 0.00	43.46 -1.11 0.00	42.04 -0.69 0.00	40.36 -0.41 0.00	40.87 -0.12 0.00	42.12 0.08 0.00	41.48 -0.25 0.00	42.40 -0.17 0.00	43.65 -0.35 0.00	48.37 -0.84 0.00	53.65 -1.55 0.00	61.17 -2.28 0.00	57.66 -1.60 0.00	50.27 -1.08 0.00	43.05 -0.65 0.00	41.08 -0.67 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.83 1.60 0.00	43.58 1.60 0.00	41.65 1.41 0.00	40.76 1.57 0.00	41.98 1.54 0.00	44.53 1.67 0.00	63.14 3.12 0.00	69.35 3.93 0.00	55.43 2.34 0.00	46.58 2.01 0.00	44.52 1.79 0.00	42.56 1.79 0.00	42.63 1.64 0.00	43.55 1.51 0.00	43.35 1.63 0.00	44.27 1.70 0.00	45.94 1.94 0.00	51.42 2.21 0.00	57.74 2.54 0.00	67.13 3.68 0.00	62.51 3.26 0.00	53.81 2.46 0.00	45.67 1.97 0.00	43.54 1.80 0.00
MILLWOOD_13_KV_LOAD 356217	43.92 1.69 0.00	43.66 1.68 0.00	41.74 1.49 0.00	40.84 1.65 0.00	42.06 1.62 0.00	44.62 1.76 0.00	63.26 3.24 0.00	69.48 4.06 0.00	55.53 2.44 0.00	46.67 2.10 0.00	44.61 1.88 0.00	42.60 1.83 0.00	42.67 1.68 0.00	43.67 1.64 0.00	43.44 1.71 0.00	44.40 1.83 0.00	46.03 2.02 0.00	51.57 2.36 0.00	57.85 2.65 0.00	67.26 3.81 0.00	62.63 3.38 0.00	53.91 2.57 0.00	45.76 2.05 0.00	43.59 1.84 0.00
MODEL_CITY_ENERGY 24167	40.45 -1.77 0.00	39.59 -2.39 0.00	38.03 -2.21 0.00	36.69 -2.51 0.00	38.14 -2.30 0.00	40.50 -2.36 0.00	55.94 -4.08 0.00	59.99 -5.43 0.00	49.75 -3.34 0.00	42.04 -2.54 0.00	40.76 -1.96 0.00	39.17 -1.59 0.00	39.64 -1.35 0.00	40.77 -1.26 0.00	40.18 -1.54 0.00	41.08 -1.49 0.00	42.25 -1.76 0.00	46.75 -2.46 0.00	51.66 -3.53 0.00	58.82 -4.63 0.00	55.58 -3.67 0.00	48.57 -2.77 0.00	41.65 -2.05 0.00	39.83 -1.92 0.00
MODERN_LFGE___ 323580	40.45 -1.77 0.00	39.59 -2.39 0.00	38.03 -2.21 0.00	36.69 -2.51 0.00	38.14 -2.30 0.00	40.50 -2.36 0.00	55.94 -4.08 0.00	59.99 -5.43 0.00	49.75 -3.34 0.00	42.04 -2.54 0.00	40.76 -1.96 0.00	39.17 -1.59 0.00	39.64 -1.35 0.00	40.77 -1.26 0.00	40.18 -1.54 0.00	41.08 -1.49 0.00	42.25 -1.76 0.00	46.75 -2.46 0.00	51.66 -3.53 0.00	58.82 -4.63 0.00	55.58 -3.67 0.00	48.57 -2.77 0.00	41.65 -2.05 0.00	39.83 -1.92 0.00
MOHAWK_PAPER___DRP 24187	43.07 0.84 0.00	42.82 0.84 0.00	41.01 0.76 0.00	40.14 0.94 0.00	41.29 0.85 0.00	43.84 0.99 0.00	61.82 1.80 0.00	67.71 2.29 0.00	54.26 1.17 0.00	45.51 0.94 0.00	43.50 0.77 0.00	41.54 0.77 0.00	41.64 0.66 0.00	42.58 0.55 0.00	42.35 0.63 0.00	43.25 0.68 0.00	44.76 0.75 0.00	50.24 1.03 0.00	56.41 1.21 0.00	65.55 2.09 0.00	61.09 1.84 0.00	52.63 1.28 0.00	44.71 1.01 0.00	42.71 0.96 0.00
MOHICAN___35_KV_115KV_LD 80490	44.46 2.24 0.00	44.25 2.27 0.00	42.38 2.13 0.00	41.43 2.23 0.00	42.63 2.18 0.00	45.52 2.66 0.00	64.52 4.50 0.00	70.46 5.04 0.00	56.28 3.19 0.00	46.85 2.27 0.00	44.65 1.92 0.00	42.68 1.92 0.00	42.87 1.89 0.00	44.01 1.98 0.00	43.69 1.96 0.00	44.57 2.00 0.00	46.12 2.11 0.00	51.86 2.66 0.00	58.23 3.04 0.00	67.77 4.31 0.00	63.17 3.91 0.00	54.43 3.08 0.00	46.02 2.32 0.00	44.00 2.25 0.00
MONGAUP___HYD 23641	43.74 1.52 0.00	43.49 1.51 0.00	41.65 1.41 0.00	40.57 1.37 0.00	41.94 1.50 0.00	44.40 1.54 0.00	62.54 2.52 0.00	67.45 2.03 0.00	53.94 0.85 0.00	46.00 1.43 0.00	43.97 1.24 0.00	41.87 1.10 0.00	42.01 1.03 0.00	42.96 0.92 0.00	42.77 1.04 0.00	43.76 1.19 0.00	45.37 1.37 0.00	50.73 1.53 0.00	57.02 1.82 0.00	65.42 1.97 0.00	60.91 1.66 0.00	53.09 1.75 0.00	45.28 1.57 0.00	43.25 1.50 0.00
MONTAUK___DIESEL 23721	44.60 2.36 -0.01	45.31 3.32 -0.01	43.07 2.82 -0.01	42.25 3.06 0.00	44.26 3.80 -0.01	47.03 4.16 -0.01	67.82 7.56 -0.23	80.77 8.50 -6.84	57.60 4.51 0.00	48.10 3.52 0.00	45.72 2.99 0.00	43.74 2.98 0.00	42.22 1.23 0.00	43.42 1.39 0.00	43.74 2.00 -0.01	44.88 2.30 -0.01	46.96 2.95 -0.01	52.86 3.64 -0.01	59.40 4.19 -0.01	74.26 7.42 -3.38	65.31 6.04 -0.01	55.98 4.62 -0.01	50.86 3.67 -3.48	47.50 3.72 -2.03
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.61 0.38 0.00	41.56 -0.42 0.00	39.84 -0.40 0.00	37.86 -1.33 0.00	39.92 -0.53 0.00	42.34 -0.51 0.00	59.12 -0.90 0.00	63.52 -1.90 0.00	52.30 -0.80 0.00	44.00 -0.58 0.00	42.64 -0.09 0.00	40.85 0.08 0.00	41.64 0.66 0.00	42.67 0.63 0.00	42.02 0.29 0.00	42.87 0.30 0.00	43.87 -0.13 0.00	49.11 -0.10 0.00	54.59 -0.61 0.00	61.99 -1.46 0.00	58.48 -0.77 0.00	51.04 -0.31 0.00	43.31 -0.39 0.00	41.62 -0.13 0.00

MORRIS_RIDGE___SOLAR 323848	41.93 -0.29 0.00	41.23 -0.75 0.00	39.52 -0.72 0.00	38.18 -1.02 0.00	39.55 -0.89 0.00	42.04 -0.82 0.00	58.64 -1.38 0.00	63.07 -2.35 0.00	51.71 -1.38 0.00	43.38 -1.20 0.00	41.83 -0.90 0.00	39.91 -0.86 0.00	40.29 -0.70 0.00	41.53 -0.50 0.00	41.02 -0.71 0.00	42.01 -0.55 0.00	43.35 -0.66 0.00	48.27 -0.94 0.00	53.76 -1.44 0.00	61.55 -1.90 0.00	57.83 -1.42 0.00	50.17 -1.18 0.00	42.83 -0.87 0.00	40.95 -0.79 0.00
MORTIMER_115KV_TB3 55949	41.85 -0.38 0.00	41.23 -0.76 0.00	39.60 -0.64 0.00	37.94 -1.25 0.00	39.68 -0.77 0.00	42.09 -0.77 0.00	58.76 -1.26 0.00	63.39 -2.03 0.00	52.24 -0.85 0.00	43.86 -0.71 0.00	42.47 -0.26 0.00	40.56 -0.20 0.00	41.07 0.08 0.00	42.29 0.25 0.00	41.81 0.08 0.00	42.65 0.09 0.00	43.79 -0.22 0.00	48.86 -0.34 0.00	54.48 -0.72 0.00	62.18 -1.27 0.00	58.37 -0.89 0.00	50.73 -0.62 0.00	43.23 -0.48 0.00	41.37 -0.38 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	44.21 1.98 0.00	43.92 1.93 0.00	41.98 1.73 0.00	41.08 1.88 0.00	42.35 1.90 0.00	44.92 2.06 0.00	63.74 3.72 0.00	70.20 4.78 0.00	56.12 3.03 0.00	47.12 2.54 0.00	45.08 2.35 0.00	43.09 2.32 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.52 2.51 0.00	52.11 2.90 0.00	58.51 3.31 0.00	67.89 4.44 0.00	63.28 4.03 0.00	54.48 3.13 0.00	46.20 2.49 0.00	43.96 2.21 0.00
MUNSVILLE_WIND_PWR 323609	46.54 4.31 0.00	46.39 4.41 0.00	44.43 4.19 0.00	43.12 3.92 0.00	44.49 4.04 0.00	47.53 4.67 0.00	67.46 7.44 0.00	73.20 7.78 0.00	58.45 5.36 0.00	48.59 4.01 0.00	46.49 3.76 0.00	44.19 3.42 0.00	44.55 3.56 0.00	46.03 4.00 0.00	45.61 3.88 0.00	45.67 3.11 0.00	47.13 3.12 0.00	52.80 3.59 0.00	59.45 4.25 0.00	68.71 5.26 0.00	64.11 4.86 0.00	54.99 3.65 0.00	46.68 2.97 0.00	44.55 2.80 0.00
N SALMON___HYD 24042	42.40 0.17 0.00	42.40 0.42 0.00	40.57 0.32 0.00	39.63 0.43 0.00	40.77 0.32 0.00	43.41 0.56 0.00	60.44 0.42 0.00	64.97 -0.45 0.00	54.05 0.96 0.00	45.33 0.76 0.00	43.37 0.64 0.00	41.17 0.41 0.00	41.64 0.65 0.00	42.79 0.76 0.00	42.43 0.71 0.00	43.21 0.64 0.00	44.71 0.70 0.00	49.70 0.49 0.00	55.86 0.66 0.00	63.07 -0.38 0.00	59.49 0.24 0.00	51.81 0.46 0.00	44.19 0.48 0.00	42.21 0.46 0.00
N.AKRON__115KV_KNAPP 355671	41.59 -0.63 0.00	40.73 -1.26 0.00	39.12 -1.13 0.00	37.12 -2.08 0.00	39.19 -1.25 0.00	41.57 -1.29 0.00	57.62 -2.40 0.00	61.63 -3.79 0.00	51.34 -1.75 0.00	43.06 -1.52 0.00	42.00 -0.73 0.00	40.11 -0.65 0.00	40.78 -0.20 0.00	41.99 -0.04 0.00	41.39 -0.33 0.00	42.23 -0.34 0.00	43.21 -0.79 0.00	48.22 -0.98 0.00	53.49 -1.71 0.00	60.66 -2.79 0.00	57.30 -1.96 0.00	50.06 -1.28 0.00	42.75 -0.96 0.00	41.00 -0.75 0.00
N.BELMOR_69_KV_BK1 55787	44.69 2.45 -0.01	44.43 2.44 -0.01	42.51 2.25 -0.01	41.55 2.35 0.00	42.96 2.51 -0.01	45.44 2.57 -0.01	64.67 4.32 -0.33	80.18 5.23 -9.53	56.17 3.08 0.00	47.38 2.81 0.00	45.12 2.39 0.00	43.21 2.45 0.00	42.67 1.68 0.00	43.88 1.85 0.00	44.12 2.38 -0.01	45.05 2.47 -0.01	46.75 2.73 -0.01	52.27 3.05 -0.01	58.63 3.42 -0.01	72.86 4.70 -4.71	63.53 4.27 -0.01	54.80 3.44 -0.01	51.35 2.80 -4.84	47.21 2.63 -2.83
N.E_GEN_SANDY PD 24062	43.37 1.14 0.00	43.12 1.13 0.00	41.25 1.01 0.00	40.25 1.06 0.00	41.54 1.09 0.00	44.06 1.20 0.00	62.24 2.22 0.00	68.30 2.88 0.00	54.68 1.59 0.00	45.91 1.34 0.00	43.92 1.19 0.00	41.91 1.14 0.00	41.93 0.94 0.00	42.83 0.80 0.00	42.64 0.92 0.00	43.50 0.94 0.00	45.02 1.01 0.00	50.63 1.43 0.00	56.91 1.71 0.00	66.24 2.79 0.00	61.69 2.43 0.00	53.14 1.80 0.00	45.15 1.44 0.00	43.09 1.34 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.66 1.44 0.00	43.41 1.43 0.00	41.53 1.29 0.00	40.65 1.45 0.00	41.86 1.42 0.00	44.36 1.50 0.00	62.78 2.76 0.00	68.95 3.53 0.00	55.16 2.07 0.00	46.36 1.78 0.00	44.35 1.62 0.00	42.40 1.63 0.00	42.46 1.48 0.00	43.38 1.35 0.00	43.14 1.42 0.00	44.06 1.49 0.00	45.72 1.72 0.00	51.17 1.97 0.00	57.46 2.26 0.00	66.75 3.30 0.00	62.16 2.90 0.00	53.50 2.16 0.00	45.46 1.75 0.00	43.34 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	44.30 2.07 -0.01	44.05 2.06 -0.01	42.11 1.85 -0.01	41.16 1.96 -0.01	42.43 1.98 -0.01	45.01 2.14 -0.01	63.80 3.78 0.00	70.33 4.91 0.00	56.27 3.19 0.01	47.29 2.72 0.01	45.20 2.48 0.01	43.20 2.45 0.01	43.23 2.25 0.01	44.17 2.14 0.01	43.93 2.21 0.01	44.90 2.34 0.01	46.64 2.64 0.01	52.25 3.05 0.01	58.61 3.42 0.01	68.02 4.57 0.00	63.34 4.09 0.01	54.68 3.34 0.01	46.29 2.58 -0.01	44.05 2.30 -0.01
N.TROY___115KV_TB1 355778	43.37 1.14 0.00	43.12 1.13 0.00	41.29 1.05 0.00	40.37 1.18 0.00	41.54 1.09 0.00	44.14 1.29 0.00	62.42 2.40 0.00	68.30 2.88 0.00	54.74 1.65 0.00	45.87 1.29 0.00	43.84 1.11 0.00	41.83 1.06 0.00	41.93 0.94 0.00	42.88 0.84 0.00	42.64 0.92 0.00	43.55 0.98 0.00	45.02 1.01 0.00	50.53 1.33 0.00	56.80 1.60 0.00	66.05 2.60 0.00	61.57 2.31 0.00	53.04 1.69 0.00	45.02 1.31 0.00	43.04 1.29 0.00
NARROWS_GT1_1 24228	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT1_2 24229	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT1_3 24230	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT1_4 24231	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66

NARROWS_GT1_5 24232	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT1_6 24233	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT1_7 24234	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT1_8 24235	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT2_1 24236	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT2_2 24237	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT2_3 24238	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT2_4 24239	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT2_5 24240	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT2_6 24241	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT2_7 24242	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NARROWS_GT2_8 24243	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.41 1.18 0.00	43.20 1.22 0.00	41.37 1.13 0.00	40.45 1.25 0.00	41.66 1.21 0.00	44.23 1.37 0.00	62.48 2.46 0.00	68.10 2.68 0.00	54.95 1.86 0.00	45.74 1.16 0.00	43.62 0.90 0.00	41.54 0.77 0.00	41.69 0.70 0.00	42.62 0.59 0.00	42.39 0.67 0.00	43.08 0.51 0.00	44.67 0.66 0.00	50.19 0.98 0.00	56.52 1.32 0.00	65.80 2.35 0.00	61.27 2.01 0.00	52.68 1.34 0.00	44.76 1.05 0.00	42.88 1.13 0.00
NCHELSEA_115KV_TR2 355582	43.96 1.73 0.00	43.71 1.72 0.00	41.82 1.57 0.00	40.88 1.69 0.00	42.14 1.70 0.00	44.66 1.80 0.00	63.38 3.36 0.00	69.48 4.06 0.00	55.53 2.44 0.00	46.58 2.01 0.00	44.56 1.84 0.00	42.48 1.71 0.00	42.59 1.60 0.00	43.55 1.51 0.00	43.35 1.63 0.00	44.31 1.75 0.00	45.94 1.94 0.00	51.47 2.26 0.00	57.79 2.59 0.00	67.26 3.81 0.00	62.57 3.32 0.00	53.81 2.46 0.00	45.67 1.97 0.00	43.54 1.80 0.00
NEG CAPITAL___MECHNVIL 23645	44.04 1.81 0.00	43.83 1.85 0.00	41.98 1.73 0.00	40.96 1.77 0.00	42.22 1.78 0.00	44.96 2.10 0.00	63.56 3.54 0.00	69.48 4.06 0.00	55.64 2.55 0.00	46.45 1.87 0.00	44.39 1.66 0.00	42.35 1.59 0.00	42.55 1.56 0.00	43.63 1.60 0.00	43.35 1.63 0.00	44.27 1.70 0.00	45.77 1.76 0.00	51.42 2.22 0.00	57.79 2.59 0.00	67.13 3.68 0.00	62.57 3.32 0.00	53.91 2.57 0.00	45.68 1.97 0.00	43.67 1.92 0.00

NEG CENTRAL_HIGH_ACRES 23767	41.34 -0.89 0.00	40.77 -1.22 0.00	39.20 -1.05 0.00	37.94 -1.26 0.00	39.27 -1.17 0.00	41.74 -1.11 0.00	58.40 -1.62 0.00	63.26 -2.16 0.00	51.87 -1.22 0.00	43.60 -0.98 0.00	42.04 -0.69 0.00	40.19 -0.57 0.00	40.62 -0.37 0.00	41.91 -0.13 0.00	41.35 -0.38 0.00	42.23 -0.34 0.00	43.52 -0.48 0.00	48.42 -0.79 0.00	53.98 -1.21 0.00	61.87 -1.58 0.00	57.95 -1.30 0.00	50.17 -1.18 0.00	42.79 -0.92 0.00	40.83 -0.92 0.00
NEG CENTRAL___DRP 24199	42.52 0.30 0.00	42.07 0.08 0.00	40.37 0.12 0.00	39.00 -0.20 0.00	40.49 0.04 0.00	43.03 0.17 0.00	60.32 0.30 0.00	65.42 0.00 0.00	53.30 0.21 0.00	44.71 0.13 0.00	43.03 0.30 0.00	41.01 0.24 0.00	41.36 0.37 0.00	42.58 0.55 0.00	42.14 0.42 0.00	43.04 0.47 0.00	44.40 0.40 0.00	49.65 0.44 0.00	55.47 0.28 0.00	63.71 0.25 0.00	59.61 0.36 0.00	51.60 0.26 0.00	43.88 0.17 0.00	41.96 0.21 0.00
NEG CENTRAL___INDECK 23768	43.28 1.06 0.00	42.57 0.59 0.00	40.93 0.68 0.00	39.47 0.28 0.00	40.93 0.49 0.00	43.59 0.73 0.00	61.04 1.02 0.00	65.68 0.26 0.00	53.57 0.48 0.00	44.71 0.13 0.00	42.98 0.26 0.00	40.93 0.16 0.00	41.31 0.33 0.00	42.67 0.63 0.00	42.14 0.42 0.00	43.16 0.60 0.00	44.62 0.62 0.00	49.94 0.74 0.00	56.03 0.83 0.00	64.46 1.01 0.00	60.56 1.30 0.00	52.32 0.97 0.00	44.63 0.92 0.00	42.54 0.79 0.00
NEG CENTRAL___SENECA 23627	42.78 0.55 0.00	42.24 0.25 0.00	40.53 0.28 0.00	39.08 -0.12 0.00	40.65 0.20 0.00	43.20 0.34 0.00	60.44 0.42 0.00	65.42 0.00 0.00	53.41 0.32 0.00	44.89 0.31 0.00	43.24 0.51 0.00	41.17 0.41 0.00	41.56 0.57 0.00	42.83 0.80 0.00	42.35 0.63 0.00	43.25 0.68 0.00	44.58 0.57 0.00	49.89 0.69 0.00	55.58 0.39 0.00	63.77 0.32 0.00	59.73 0.47 0.00	51.81 0.46 0.00	44.06 0.35 0.00	42.13 0.38 0.00
NEG CENTRAL___STATE_STREET 24147	42.44 0.21 0.00	42.07 0.08 0.00	40.33 0.08 0.00	39.08 -0.12 0.00	40.49 0.04 0.00	43.03 0.17 0.00	60.38 0.36 0.00	65.62 0.20 0.00	53.41 0.32 0.00	44.71 0.13 0.00	42.98 0.26 0.00	41.01 0.24 0.00	41.32 0.33 0.00	42.54 0.50 0.00	42.14 0.42 0.00	42.99 0.43 0.00	44.40 0.40 0.00	49.65 0.44 0.00	55.58 0.39 0.00	63.96 0.51 0.00	59.79 0.53 0.00	51.66 0.31 0.00	43.88 0.17 0.00	41.92 0.17 0.00
NEG MILLWOOD___DRP 24198	44.17 1.94 0.00	43.92 1.93 0.00	41.98 1.73 0.00	41.08 1.88 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.74 3.72 0.00	69.87 4.45 0.00	55.85 2.76 0.00	46.85 2.27 0.00	44.82 2.09 0.00	42.68 1.92 0.00	42.83 1.84 0.00	43.88 1.85 0.00	43.60 1.88 0.00	44.57 2.00 0.00	46.21 2.20 0.00	51.76 2.56 0.00	58.12 2.93 0.00	67.58 4.12 0.00	62.93 3.67 0.00	54.12 2.77 0.00	45.89 2.19 0.00	43.80 2.05 0.00
NEG NORTH_FLCN_SEA 23793	42.56 0.34 0.00	42.53 0.55 0.00	40.77 0.52 0.00	39.82 0.63 0.00	41.01 0.57 0.00	43.67 0.81 0.00	60.80 0.78 0.00	65.62 0.20 0.00	54.42 1.33 0.00	45.69 1.11 0.00	43.71 0.98 0.00	41.50 0.73 0.00	41.93 0.94 0.00	43.09 1.05 0.00	42.73 1.00 0.00	43.55 0.98 0.00	45.02 1.01 0.00	50.14 0.93 0.00	56.30 1.10 0.00	63.64 0.19 0.00	59.91 0.65 0.00	52.17 0.82 0.00	44.49 0.79 0.00	42.50 0.75 0.00
NEG NORTH_KES_CHATEGAY 23792	42.02 -0.21 0.00	41.98 0.00 0.00	40.25 0.00 0.00	39.35 0.16 0.00	40.53 0.08 0.00	43.12 0.26 0.00	59.96 -0.06 0.00	64.83 -0.59 0.00	53.73 0.64 0.00	45.16 0.58 0.00	43.20 0.47 0.00	41.05 0.29 0.00	41.44 0.45 0.00	42.54 0.50 0.00	42.18 0.46 0.00	42.99 0.43 0.00	44.49 0.48 0.00	49.55 0.34 0.00	55.58 0.39 0.00	62.88 -0.57 0.00	59.14 -0.12 0.00	51.55 0.21 0.00	43.97 0.26 0.00	42.04 0.29 0.00
NEG NORTH___ALICE_FALLS 23915	42.86 0.63 0.00	42.82 0.84 0.00	41.01 0.76 0.00	40.06 0.86 0.00	41.25 0.81 0.00	43.97 1.11 0.00	61.34 1.32 0.00	66.01 0.59 0.00	54.84 1.75 0.00	46.00 1.43 0.00	43.97 1.24 0.00	41.70 0.94 0.00	42.22 1.23 0.00	43.38 1.35 0.00	42.98 1.25 0.00	43.80 1.23 0.00	45.33 1.32 0.00	50.48 1.28 0.00	56.74 1.55 0.00	64.09 0.63 0.00	60.44 1.19 0.00	52.58 1.23 0.00	44.80 1.09 0.00	42.79 1.04 0.00
NEG NORTH___LWR_SARANAC 23913	42.86 0.63 0.00	42.82 0.84 0.00	41.01 0.76 0.00	40.06 0.86 0.00	41.25 0.81 0.00	43.97 1.11 0.00	61.34 1.32 0.00	66.01 0.59 0.00	54.84 1.75 0.00	46.00 1.43 0.00	43.97 1.24 0.00	41.70 0.94 0.00	42.22 1.23 0.00	43.38 1.35 0.00	42.98 1.25 0.00	43.80 1.23 0.00	45.33 1.32 0.00	50.48 1.28 0.00	56.74 1.55 0.00	64.09 0.63 0.00	60.44 1.19 0.00	52.58 1.23 0.00	44.80 1.09 0.00	42.79 1.04 0.00
NEG NORTH___PLATTSBURG 23628	42.86 0.63 0.00	42.82 0.84 0.00	41.01 0.76 0.00	40.06 0.86 0.00	41.25 0.81 0.00	43.97 1.11 0.00	61.34 1.32 0.00	66.01 0.59 0.00	54.90 1.81 0.00	46.00 1.43 0.00	43.97 1.24 0.00	41.70 0.94 0.00	42.22 1.23 0.00	43.38 1.34 0.00	42.98 1.25 0.00	43.80 1.24 0.00	45.33 1.32 0.00	50.48 1.28 0.00	56.74 1.54 0.00	64.09 0.63 0.00	60.44 1.18 0.00	52.58 1.23 0.00	44.80 1.09 0.00	42.79 1.04 0.00
NEG WEST_LEA_LOCKPORT 23791	40.88 -1.35 0.00	40.01 -1.97 0.00	38.35 -1.89 0.00	36.37 -2.82 0.00	38.46 -1.98 0.00	40.76 -2.10 0.00	56.24 -3.78 0.00	60.12 -5.30 0.00	50.12 -2.97 0.00	42.17 -2.41 0.00	41.19 -1.54 0.00	39.38 -1.39 0.00	40.05 -0.94 0.00	41.15 -0.88 0.00	40.60 -1.13 0.00	41.42 -1.15 0.00	42.29 -1.72 0.00	47.19 -2.02 0.00	52.22 -2.98 0.00	59.20 -4.25 0.00	56.00 -3.26 0.00	48.99 -2.36 0.00	41.87 -1.84 0.00	40.25 -1.50 0.00
NEG WEST___LANCASTR 23811	41.51 -0.72 0.00	40.64 -1.34 0.00	38.96 -1.29 0.00	37.12 -2.08 0.00	39.11 -1.33 0.00	41.44 -1.41 0.00	57.56 -2.46 0.00	61.63 -3.79 0.00	51.07 -2.02 0.00	42.88 -1.69 0.00	41.70 -1.03 0.00	39.91 -0.86 0.00	40.58 -0.41 0.00	41.61 -0.42 0.00	41.02 -0.71 0.00	41.89 -0.68 0.00	42.91 -1.10 0.00	47.93 -1.28 0.00	53.21 -1.99 0.00	60.41 -3.05 0.00	57.00 -2.25 0.00	49.70 -1.64 0.00	42.31 -1.40 0.00	40.79 -0.96 0.00
NEG_PENN_ALLEGHNY 23528	42.52 0.30 0.00	42.15 0.17 0.00	40.45 0.20 0.00	39.27 0.08 0.00	40.61 0.16 0.00	43.07 0.22 0.00	60.50 0.48 0.00	65.75 0.33 0.00	53.41 0.32 0.00	44.80 0.22 0.00	43.03 0.30 0.00	41.09 0.32 0.00	41.36 0.37 0.00	42.54 0.51 0.00	42.10 0.37 0.00	43.04 0.47 0.00	44.45 0.44 0.00	49.60 0.39 0.00	55.59 0.39 0.00	63.90 0.45 0.00	59.79 0.53 0.00	51.61 0.26 0.00	43.93 0.22 0.00	42.00 0.25 0.00
NEG___GEN_MONROE 24207	42.06 -0.17 0.00	41.36 -0.63 0.00	39.72 -0.52 0.00	37.98 -1.22 0.00	39.84 -0.61 0.00	42.26 -0.60 0.00	58.94 -1.08 0.00	63.46 -1.96 0.00	52.30 -0.80 0.00	43.82 -0.76 0.00	42.47 -0.26 0.00	40.52 -0.24 0.00	40.95 -0.04 0.00	42.16 0.13 0.00	41.64 -0.08 0.00	42.48 -0.09 0.00	43.61 -0.40 0.00	48.76 -0.44 0.00	54.37 -0.83 0.00	62.12 -1.33 0.00	58.43 -0.83 0.00	50.83 -0.51 0.00	43.40 -0.31 0.00	41.54 -0.21 0.00

NEPA__ENERGY 23901	41.93 -0.30 0.00	41.06 -0.92 0.00	39.36 -0.89 0.00	37.51 -1.69 0.00	39.47 -0.97 0.00	41.87 -0.99 0.00	58.22 -1.80 0.00	62.41 -3.01 0.00	51.60 -1.49 0.00	43.33 -1.25 0.00	42.13 -0.60 0.00	40.28 -0.49 0.00	40.91 -0.08 0.00	41.95 -0.08 0.00	41.39 -0.33 0.00	42.23 -0.34 0.00	43.30 -0.70 0.00	48.37 -0.84 0.00	53.82 -1.38 0.00	61.10 -2.35 0.00	57.65 -1.60 0.00	50.27 -1.08 0.00	42.79 -0.92 0.00	41.21 -0.54 0.00
NEVERSink__HYD 23608	44.42 2.19 0.00	44.21 2.22 0.00	42.30 2.05 0.00	41.23 2.04 0.00	42.59 2.14 0.00	45.09 2.23 0.00	63.98 3.96 0.00	69.87 4.45 0.00	56.01 2.92 0.00	46.85 2.27 0.00	44.82 2.09 0.00	42.64 1.88 0.00	42.83 1.85 0.00	43.84 1.81 0.00	43.64 1.92 0.00	44.49 1.92 0.00	46.12 2.11 0.00	51.71 2.51 0.00	58.01 2.81 0.00	67.45 4.00 0.00	62.75 3.50 0.00	53.86 2.52 0.00	45.76 2.05 0.00	43.75 2.00 0.00
NEWKRMKL_115KV_TB1 55635	42.65 0.42 0.00	42.40 0.42 0.00	40.61 0.36 0.00	39.78 0.59 0.00	40.93 0.49 0.00	43.42 0.56 0.00	61.10 1.08 0.00	66.93 1.50 0.00	53.68 0.58 0.00	45.02 0.45 0.00	43.07 0.34 0.00	41.17 0.41 0.00	41.32 0.33 0.00	42.20 0.17 0.00	41.97 0.25 0.00	42.87 0.30 0.00	44.36 0.35 0.00	49.70 0.49 0.00	55.80 0.61 0.00	64.85 1.40 0.00	60.38 1.13 0.00	52.01 0.67 0.00	44.23 0.52 0.00	42.29 0.54 0.00
NEWTON__FALLS_HYD 23847	41.51 -0.72 0.00	41.44 -0.55 0.00	39.68 -0.56 0.00	38.65 -0.55 0.00	39.80 -0.65 0.00	42.34 -0.51 0.00	59.06 -0.96 0.00	63.59 -1.83 0.00	51.71 -1.38 0.00	43.42 -1.16 0.00	41.74 -0.98 0.00	39.66 -1.10 0.00	40.00 -0.98 0.00	41.19 -0.84 0.00	40.89 -0.83 0.00	41.63 -0.94 0.00	42.82 -1.19 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	61.36 -2.09 0.00	57.48 -1.78 0.00	49.86 -1.49 0.00	42.57 -1.14 0.00	40.62 -1.13 0.00
NGRID_A1_DSASP 323792	40.37 -1.86 0.00	39.47 -2.52 0.00	37.91 -2.34 0.00	36.61 -2.59 0.00	38.02 -2.43 0.00	40.37 -2.49 0.00	55.70 -4.32 0.00	59.73 -5.69 0.00	49.53 -3.56 0.00	41.90 -2.67 0.00	40.68 -2.05 0.00	39.09 -1.67 0.00	39.55 -1.44 0.00	40.69 -1.35 0.00	40.10 -1.63 0.00	40.95 -1.62 0.00	42.12 -1.89 0.00	46.55 -2.66 0.00	51.44 -3.76 0.00	58.50 -4.95 0.00	55.29 -3.97 0.00	48.37 -2.98 0.00	41.52 -2.18 0.00	39.75 -2.00 0.00
NGRID_A2_DSASP 323793	40.37 -1.86 0.00	39.47 -2.52 0.00	37.91 -2.34 0.00	36.61 -2.59 0.00	38.02 -2.43 0.00	40.37 -2.49 0.00	55.70 -4.32 0.00	59.73 -5.69 0.00	49.53 -3.56 0.00	41.90 -2.67 0.00	40.68 -2.05 0.00	39.09 -1.67 0.00	39.55 -1.44 0.00	40.69 -1.35 0.00	40.10 -1.63 0.00	40.95 -1.62 0.00	42.12 -1.89 0.00	46.55 -2.66 0.00	51.44 -3.76 0.00	58.50 -4.95 0.00	55.29 -3.97 0.00	48.37 -2.98 0.00	41.52 -2.18 0.00	39.75 -2.00 0.00
NGRID_A4_DSASP 323807	40.37 -1.86 0.00	39.47 -2.52 0.00	37.91 -2.34 0.00	36.61 -2.59 0.00	38.02 -2.43 0.00	40.37 -2.49 0.00	55.70 -4.32 0.00	59.73 -5.69 0.00	49.53 -3.56 0.00	41.90 -2.67 0.00	40.68 -2.05 0.00	39.09 -1.67 0.00	39.55 -1.44 0.00	40.69 -1.35 0.00	40.10 -1.63 0.00	40.95 -1.62 0.00	42.12 -1.89 0.00	46.55 -2.66 0.00	51.44 -3.76 0.00	58.50 -4.95 0.00	55.29 -3.97 0.00	48.37 -2.98 0.00	41.52 -2.18 0.00	39.75 -2.00 0.00
NIAGARA_115E_LBMP 323715	40.24 -1.98 0.00	39.34 -2.64 0.00	37.79 -2.46 0.00	36.49 -2.70 0.00	37.90 -2.55 0.00	40.24 -2.62 0.00	55.58 -4.44 0.00	59.53 -5.89 0.00	49.43 -3.66 0.00	41.77 -2.81 0.00	40.55 -2.18 0.00	38.93 -1.83 0.00	39.39 -1.60 0.00	40.52 -1.51 0.00	39.93 -1.79 0.00	40.82 -1.75 0.00	41.94 -2.07 0.00	46.40 -2.80 0.00	51.33 -3.87 0.00	58.37 -5.08 0.00	55.17 -4.09 0.00	48.21 -3.13 0.00	41.39 -2.32 0.00	39.62 -2.13 0.00
NIAGARA_115W_LBMP 323714	40.24 -1.98 0.00	39.34 -2.64 0.00	37.79 -2.46 0.00	36.49 -2.70 0.00	37.90 -2.55 0.00	40.20 -2.66 0.00	55.52 -4.50 0.00	59.47 -5.95 0.00	49.37 -3.72 0.00	41.77 -2.81 0.00	40.55 -2.18 0.00	38.93 -1.83 0.00	39.43 -1.56 0.00	40.52 -1.51 0.00	39.93 -1.79 0.00	40.82 -1.75 0.00	41.94 -2.07 0.00	46.40 -2.80 0.00	51.28 -3.92 0.00	58.31 -5.14 0.00	55.11 -4.15 0.00	48.21 -3.13 0.00	41.39 -2.32 0.00	39.62 -2.13 0.00
NIAGARA_230_LBMP 323716	40.62 -1.60 0.00	39.72 -2.27 0.00	38.15 -2.09 0.00	36.85 -2.35 0.00	38.26 -2.18 0.00	40.59 -2.27 0.00	56.12 -3.90 0.00	60.12 -5.30 0.00	49.85 -3.24 0.00	42.17 -2.41 0.00	40.93 -1.79 0.00	39.26 -1.51 0.00	39.76 -1.23 0.00	40.86 -1.18 0.00	40.26 -1.46 0.00	41.16 -1.40 0.00	42.33 -1.67 0.00	46.84 -2.36 0.00	51.83 -3.37 0.00	58.95 -4.50 0.00	55.70 -3.55 0.00	48.67 -2.67 0.00	41.74 -1.97 0.00	40.00 -1.75 0.00
NIAGARA__115KV_198_GIBSON 55903	40.24 -1.98 0.00	39.34 -2.65 0.00	37.71 -2.54 0.00	35.75 -3.45 0.00	37.82 -2.63 0.00	40.07 -2.79 0.00	55.16 -4.86 0.00	58.81 -6.61 0.00	49.16 -3.93 0.00	41.46 -3.12 0.00	40.55 -2.18 0.00	38.77 -2.00 0.00	39.43 -1.56 0.00	40.44 -1.60 0.00	39.93 -1.79 0.00	40.74 -1.83 0.00	41.59 -2.42 0.00	46.30 -2.90 0.00	51.22 -3.97 0.00	57.93 -5.52 0.00	54.87 -4.38 0.00	48.11 -3.23 0.00	41.17 -2.54 0.00	39.62 -2.13 0.00
NIAGARA____ 23760	40.62 -1.60 0.00	39.72 -2.27 0.00	38.15 -2.09 0.00	36.85 -2.35 0.00	38.26 -2.18 0.00	40.59 -2.27 0.00	56.12 -3.90 0.00	60.12 -5.30 0.00	49.85 -3.24 0.00	42.17 -2.41 0.00	40.93 -1.79 0.00	39.26 -1.51 0.00	39.76 -1.23 0.00	40.86 -1.18 0.00	40.26 -1.46 0.00	41.16 -1.40 0.00	42.33 -1.67 0.00	46.84 -2.36 0.00	51.83 -3.37 0.00	58.95 -4.50 0.00	55.70 -3.55 0.00	48.67 -2.67 0.00	41.74 -1.97 0.00	40.00 -1.75 0.00
NINE_MILE_1 23575	41.26 -0.97 0.00	40.94 -1.05 0.00	39.28 -0.97 0.00	38.18 -1.02 0.00	39.44 -1.01 0.00	41.83 -1.03 0.00	58.64 -1.38 0.00	63.85 -1.57 0.00	51.87 -1.22 0.00	43.55 -1.02 0.00	41.79 -0.94 0.00	39.87 -0.90 0.00	40.13 -0.86 0.00	41.23 -0.80 0.00	40.85 -0.88 0.00	41.72 -0.85 0.00	43.08 -0.93 0.00	48.12 -1.08 0.00	53.93 -1.27 0.00	62.06 -1.40 0.00	58.01 -1.25 0.00	50.17 -1.18 0.00	42.70 -1.00 0.00	40.75 -1.00 0.00
NINE_MILE_2 23744	41.26 -0.97 0.00	40.94 -1.05 0.00	39.28 -0.97 0.00	38.18 -1.02 0.00	39.44 -1.01 0.00	41.83 -1.03 0.00	58.70 -1.32 0.00	63.85 -1.57 0.00	51.87 -1.22 0.00	43.55 -1.02 0.00	41.79 -0.94 0.00	39.87 -0.90 0.00	40.13 -0.86 0.00	41.23 -0.80 0.00	40.85 -0.88 0.00	41.72 -0.85 0.00	43.08 -0.93 0.00	48.12 -1.08 0.00	53.93 -1.27 0.00	62.06 -1.40 0.00	58.01 -1.25 0.00	50.17 -1.18 0.00	42.70 -1.00 0.00	40.75 -1.00 0.00
NM_CAPITAL__DRP 24208	42.78 0.55 0.00	42.53 0.55 0.00	40.73 0.48 0.00	39.86 0.67 0.00	41.01 0.57 0.00	43.54 0.69 0.00	61.28 1.26 0.00	67.12 1.70 0.00	53.83 0.74 0.00	45.16 0.58 0.00	43.20 0.47 0.00	41.30 0.53 0.00	41.40 0.41 0.00	42.29 0.25 0.00	42.06 0.33 0.00	42.95 0.38 0.00	44.45 0.44 0.00	49.85 0.64 0.00	55.97 0.77 0.00	65.04 1.59 0.00	60.56 1.30 0.00	52.17 0.82 0.00	44.41 0.70 0.00	42.42 0.67 0.00

NM_CENTRAL___DRP 24181	42.02 -0.21 0.00	41.69 -0.29 0.00	39.96 -0.28 0.00	38.80 -0.39 0.00	40.16 -0.28 0.00	42.60 -0.26 0.00	59.84 -0.18 0.00	65.09 -0.33 0.00	52.93 -0.16 0.00	44.40 -0.18 0.00	42.68 -0.04 0.00	40.72 -0.04 0.00	41.03 0.04 0.00	42.16 0.13 0.00	41.77 0.04 0.00	42.65 0.09 0.00	44.01 0.00 0.00	49.16 -0.05 0.00	55.09 -0.11 0.00	63.39 -0.06 0.00	59.20 -0.06 0.00	51.14 -0.21 0.00	43.49 -0.22 0.00	41.54 -0.21 0.00
NM_FRONTIER___DRP 24179	40.24 -1.98 0.00	39.34 -2.65 0.00	37.71 -2.54 0.00	35.75 -3.45 0.00	37.82 -2.63 0.00	40.07 -2.79 0.00	55.16 -4.86 0.00	58.81 -6.61 0.00	49.16 -3.93 0.00	41.46 -3.12 0.00	40.55 -2.18 0.00	38.77 -2.00 0.00	39.43 -1.56 0.00	40.44 -1.60 0.00	39.93 -1.79 0.00	40.74 -1.83 0.00	41.59 -2.42 0.00	46.30 -2.90 0.00	51.22 -3.97 0.00	57.93 -5.52 0.00	54.87 -4.38 0.00	48.11 -3.23 0.00	41.17 -2.54 0.00	39.62 -2.13 0.00
NM_ST_REGIS___HYD 24053	41.72 -0.51 0.00	41.69 -0.29 0.00	39.88 -0.36 0.00	38.92 -0.27 0.00	40.00 -0.44 0.00	42.56 -0.30 0.00	58.88 -1.14 0.00	63.39 -2.03 0.00	52.35 -0.74 0.00	44.13 -0.45 0.00	42.21 -0.51 0.00	40.11 -0.65 0.00	40.54 -0.45 0.00	41.70 -0.34 0.00	41.35 -0.38 0.00	42.10 -0.47 0.00	43.48 -0.53 0.00	48.22 -0.98 0.00	54.26 -0.94 0.00	61.42 -2.03 0.00	57.77 -1.48 0.00	50.32 -1.03 0.00	43.14 -0.57 0.00	41.25 -0.50 0.00
NORTHPORT___1 23551	44.51 2.28 -0.01	44.30 2.31 -0.01	42.23 1.97 -0.01	41.19 2.00 0.00	42.80 2.34 -0.01	45.31 2.44 -0.01	64.15 3.90 -0.23	76.62 4.45 -6.74	55.16 2.07 0.00	46.54 1.96 0.00	44.52 1.79 0.00	42.60 1.84 0.00	41.85 0.86 0.00	43.09 1.05 0.00	43.61 1.88 -0.01	44.58 2.00 -0.01	46.17 2.16 -0.01	51.43 2.22 -0.01	57.69 2.49 -0.01	70.85 4.06 -3.33	62.76 3.50 -0.01	54.08 2.72 -0.01	49.67 2.53 -3.43	46.26 2.50 -2.00
NORTHPORT___2 23552	44.51 2.28 -0.01	44.30 2.31 -0.01	42.23 1.97 -0.01	41.19 2.00 0.00	42.80 2.34 -0.01	45.31 2.44 -0.01	64.15 3.90 -0.23	76.62 4.45 -6.74	55.16 2.07 0.00	46.54 1.96 0.00	44.52 1.79 0.00	42.60 1.84 0.00	41.85 0.86 0.00	43.09 1.05 0.00	43.61 1.88 -0.01	44.58 2.00 -0.01	46.17 2.16 -0.01	51.43 2.22 -0.01	57.69 2.49 -0.01	70.85 4.06 -3.33	62.76 3.50 -0.01	54.08 2.72 -0.01	49.67 2.53 -3.43	46.26 2.50 -2.00
NORTHPORT___3 23553	44.56 2.32 -0.01	44.30 2.31 -0.01	42.35 2.09 -0.01	41.27 2.08 0.00	42.80 2.34 -0.01	45.31 2.44 -0.01	63.67 3.42 -0.23	76.29 4.06 -6.81	54.90 1.81 0.00	46.23 1.65 0.00	44.18 1.45 0.00	42.27 1.51 0.00	41.68 0.70 0.00	42.88 0.84 0.00	43.82 2.09 -0.01	44.83 2.25 -0.01	46.48 2.46 -0.01	51.43 2.22 -0.01	57.69 2.49 -0.01	70.43 3.61 -3.36	62.46 3.20 -0.01	53.92 2.57 -0.01	49.70 2.53 -3.46	46.32 2.55 -2.02
NORTHPORT___4 23650	44.56 2.32 -0.01	44.30 2.31 -0.01	42.35 2.09 -0.01	41.27 2.08 0.00	42.80 2.34 -0.01	45.31 2.44 -0.01	63.67 3.42 -0.23	76.29 4.06 -6.81	54.90 1.81 0.00	46.23 1.65 0.00	44.18 1.45 0.00	42.27 1.51 0.00	41.68 0.70 0.00	42.88 0.84 0.00	43.82 2.09 -0.01	44.83 2.25 -0.01	46.48 2.46 -0.01	51.43 2.22 -0.01	57.69 2.49 -0.01	70.43 3.61 -3.36	62.46 3.20 -0.01	53.92 2.57 -0.01	49.70 2.53 -3.46	46.32 2.55 -2.02
NORTHPORT___IC 23718	44.52 2.28 -0.01	44.30 2.31 -0.01	42.23 1.97 -0.01	41.27 2.08 0.00	42.80 2.35 -0.01	45.31 2.44 -0.01	64.27 4.02 -0.23	76.94 4.78 -6.74	55.64 2.55 0.00	47.16 2.59 0.00	44.86 2.14 0.00	43.01 2.24 0.00	42.22 1.23 0.00	43.46 1.43 0.00	43.78 2.04 -0.01	44.71 2.13 -0.01	46.35 2.33 -0.01	51.58 2.36 -0.01	57.91 2.70 -0.01	70.97 4.19 -3.33	63.00 3.73 -0.01	54.28 2.93 -0.01	49.71 2.58 -3.43	46.26 2.50 -2.00
NORTH___COUNTRY_ESR 323785	42.02 -0.21 0.00	41.98 0.00 0.00	40.25 0.00 0.00	39.31 0.12 0.00	40.53 0.08 0.00	43.12 0.26 0.00	59.96 -0.06 0.00	64.77 -0.65 0.00	53.73 0.64 0.00	45.15 0.58 0.00	43.20 0.47 0.00	41.05 0.29 0.00	41.44 0.45 0.00	42.54 0.51 0.00	42.18 0.46 0.00	42.99 0.43 0.00	44.49 0.48 0.00	49.55 0.35 0.00	55.59 0.39 0.00	62.88 -0.57 0.00	59.08 -0.18 0.00	51.55 0.21 0.00	43.97 0.26 0.00	42.04 0.29 0.00
NPX_GEN_1385_PROXY 323591	44.81 2.58 -0.01	44.18 2.18 -0.01	42.15 1.89 -0.01	41.08 1.88 0.00	42.72 2.26 -0.01	45.31 2.44 -0.01	64.63 4.38 -0.23	76.94 4.77 -6.74	55.42 2.33 0.00	46.45 1.87 0.00	44.44 1.71 0.00	42.56 1.79 0.00	41.64 0.65 0.00	42.88 0.84 0.00	43.32 1.59 -0.01	44.11 1.53 -0.01	45.56 1.54 -0.01	51.18 1.97 -0.01	57.80 2.59 -0.01	71.10 4.32 -3.33	63.17 3.91 -0.01	54.23 2.87 -0.01	49.71 2.58 -3.43	46.00 2.25 -2.00
NPX_GEN_CSC 323557	44.14 1.90 -0.01	44.56 2.56 -0.01	41.98 1.73 -0.01	40.92 1.72 0.00	43.00 2.55 -0.01	45.61 2.75 -0.01	65.59 5.34 -0.23	78.15 5.89 -6.84	55.42 2.33 0.00	46.09 1.52 0.00	44.44 1.71 0.00	42.56 1.79 0.00	41.19 0.21 0.00	42.46 0.42 0.00	43.03 1.29 -0.01	44.11 1.53 -0.01	45.86 1.85 -0.01	51.62 2.41 -0.01	57.63 2.43 -0.01	72.55 5.71 -3.38	63.47 4.21 -0.01	54.65 3.29 -0.01	49.98 2.80 -3.48	46.66 2.88 -2.03
NSINS_S___GLNS_FALLS 23858	44.51 2.28 0.00	44.29 2.31 0.00	42.46 2.21 0.00	41.47 2.27 0.00	42.71 2.26 0.00	45.60 2.74 0.00	64.58 4.56 0.00	70.59 5.17 0.00	56.33 3.24 0.00	46.89 2.32 0.00	44.74 2.01 0.00	42.72 1.96 0.00	42.96 1.97 0.00	44.09 2.06 0.00	43.77 2.04 0.00	44.65 2.09 0.00	46.21 2.20 0.00	51.91 2.71 0.00	58.29 3.09 0.00	67.83 4.38 0.00	63.22 3.97 0.00	54.48 3.13 0.00	46.07 2.36 0.00	44.09 2.34 0.00
NUCOR_STEEL___DRP 24197	42.56 0.34 0.00	42.19 0.21 0.00	40.49 0.24 0.00	39.24 0.04 0.00	40.65 0.20 0.00	43.12 0.26 0.00	60.50 0.48 0.00	65.75 0.33 0.00	53.46 0.37 0.00	44.80 0.22 0.00	43.07 0.34 0.00	41.09 0.33 0.00	41.36 0.37 0.00	42.58 0.55 0.00	42.18 0.46 0.00	43.04 0.47 0.00	44.45 0.44 0.00	49.70 0.49 0.00	55.64 0.44 0.00	64.02 0.57 0.00	59.91 0.65 0.00	51.71 0.36 0.00	43.97 0.26 0.00	42.04 0.29 0.00
NUMBER_THREE_WT_PWR 323818	42.61 0.38 0.00	42.45 0.46 0.00	40.69 0.44 0.00	39.59 0.39 0.00	40.85 0.40 0.00	43.50 0.64 0.00	61.16 1.14 0.00	65.68 0.26 0.00	52.83 -0.26 0.00	44.17 -0.40 0.00	42.77 0.04 0.00	40.64 -0.12 0.00	40.95 -0.04 0.00	42.20 0.17 0.00	41.85 0.13 0.00	42.61 0.04 0.00	43.65 -0.35 0.00	48.76 -0.44 0.00	54.81 -0.38 0.00	63.07 -0.38 0.00	58.96 -0.29 0.00	50.88 -0.46 0.00	43.27 -0.44 0.00	41.29 -0.46 0.00
NYISO_LBMP_REFERENCE 24008	42.23 0.00 0.00	41.98 0.00 0.00	40.25 0.00 0.00	39.20 0.00 0.00	40.44 0.00 0.00	42.86 0.00 0.00	60.02 0.00 0.00	65.42 0.00 0.00	53.09 0.00 0.00	44.58 0.00 0.00	42.73 0.00 0.00	40.77 0.00 0.00	40.99 0.00 0.00	42.03 0.00 0.00	41.72 0.00 0.00	42.57 0.00 0.00	44.01 0.00 0.00	49.21 0.00 0.00	55.20 0.00 0.00	63.45 0.00 0.00	59.25 0.00 0.00	51.35 0.00 0.00	43.71 0.00 0.00	41.75 0.00 0.00

NYPA_BRENTWD____GT 24164	45.02 2.79 -0.01	44.89 2.89 -0.01	42.71 2.46 -0.01	41.63 2.43 0.00	43.28 2.83 -0.01	45.91 3.04 -0.01	65.18 4.92 -0.24	77.93 5.56 -6.95	55.96 2.86 0.00	47.07 2.49 0.00	45.03 2.31 0.00	43.09 2.32 0.00	42.30 1.31 0.00	43.59 1.56 0.00	44.11 2.38 -0.01	45.13 2.55 -0.01	46.83 2.82 -0.01	52.32 3.10 -0.01	58.69 3.48 -0.01	72.15 5.26 -3.44	63.83 4.56 -0.01	55.00 3.65 -0.01	50.43 3.19 -3.53	46.95 3.13 -2.06
NYPA_GOWANUS____GT5 24156	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NYPA_GOWANUS____GT6 24157	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.59 2.27 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.41 4.38 -0.01	70.92 5.50 0.00	65.96 3.56 -9.31	73.06 2.94 -25.55	73.73 2.78 -28.23	76.44 2.69 -32.98	77.12 2.54 -33.59	76.23 2.44 -31.76	76.42 2.55 -32.15	75.53 2.64 -30.32	75.46 2.90 -28.55	103.92 3.44 -51.27	68.13 3.86 -9.07	68.77 5.26 -0.06	66.09 4.74 -2.09	87.72 3.75 -32.63	61.64 2.97 -14.96	57.16 2.75 -12.66
NYPA_HARLEM_RVR_GT1 24160	44.26 2.03 -0.01	44.01 2.02 -0.01	42.02 1.77 -0.01	41.01 1.80 -0.01	42.39 1.94 -0.01	44.92 2.06 -0.01	63.61 3.60 0.01	70.06 4.65 0.01	56.11 3.02 0.01	47.11 2.54 0.01	45.11 2.39 0.01	43.08 2.32 0.01	43.15 2.17 0.01	44.09 2.06 0.01	43.88 2.17 0.01	44.81 2.25 0.01	46.46 2.46 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.95 4.51 0.01	63.28 4.03 0.01	54.58 3.24 0.01	46.21 2.49 -0.01	43.97 2.21 -0.01
NYPA_HARLEM_RVR_GT2 24161	44.26 2.03 -0.01	44.01 2.02 -0.01	42.02 1.77 -0.01	41.01 1.80 -0.01	42.39 1.94 -0.01	44.92 2.06 -0.01	63.61 3.60 0.01	70.06 4.65 0.01	56.11 3.02 0.01	47.11 2.54 0.01	45.11 2.39 0.01	43.08 2.32 0.01	43.15 2.17 0.01	44.09 2.06 0.01	43.88 2.17 0.01	44.81 2.25 0.01	46.46 2.46 0.01	52.15 2.95 0.01	58.50 3.31 0.01	67.95 4.51 0.01	63.28 4.03 0.01	54.58 3.24 0.01	46.21 2.49 -0.01	43.97 2.21 -0.01
NYPA_KENT____GT 24152	51.24 2.45 -6.56	51.07 2.35 -6.73	49.88 2.13 -7.50	49.44 2.15 -8.09	50.42 2.26 -7.71	51.77 2.48 -6.43	64.22 4.20 0.00	70.72 5.30 0.00	64.13 3.45 -7.59	68.44 2.86 -21.00	68.58 2.69 -23.16	70.65 2.61 -27.27	71.41 2.46 -27.96	70.83 2.35 -26.44	70.95 2.46 -26.77	70.42 2.60 -25.26	70.62 2.82 -23.79	86.52 3.35 -33.96	64.85 3.76 -5.89	68.56 5.08 -0.03	65.16 4.56 -1.34	75.92 3.59 -20.98	56.16 2.84 -9.61	51.86 2.63 -7.48
NYPA_POUCH1____GT 24155	56.22 2.53 -11.46	56.22 2.48 -11.76	55.51 2.17 -13.09	55.51 2.19 -14.12	56.25 2.34 -13.46	56.26 2.53 -10.88	64.17 4.14 -0.01	70.59 5.17 0.00	65.70 3.29 -9.31	72.84 2.72 -25.55	73.52 2.56 -28.23	76.20 2.45 -32.98	76.92 2.34 -33.59	76.02 2.23 -31.76	76.17 2.29 -32.15	75.32 2.43 -30.32	75.25 2.68 -28.55	103.67 3.20 -51.27	66.75 3.59 -7.96	68.59 5.08 -0.06	65.91 4.56 -2.09	69.01 3.49 -14.17	61.50 2.84 -14.96	57.04 2.63 -12.66
NYPA_VERNON____GT2 24162	46.18 2.28 -																							

OAK ORCHARD___HYD 24046	41.85 -0.38 0.00	41.23 -0.75 0.00	39.64 -0.60 0.00	38.33 -0.86 0.00	39.72 -0.73 0.00	42.17 -0.69 0.00	58.94 -1.08 0.00	63.72 -1.70 0.00	52.35 -0.74 0.00	44.04 -0.53 0.00	42.51 -0.21 0.00	40.64 -0.12 0.00	41.07 0.08 0.00	42.33 0.30 0.00	41.81 0.08 0.00	42.70 0.13 0.00	44.01 0.00 0.00	48.91 -0.29 0.00	54.48 -0.72 0.00	62.37 -1.08 0.00	58.48 -0.77 0.00	50.78 -0.56 0.00	43.36 -0.35 0.00	41.37 -0.38 0.00
OAKDALE___35_KV_LOAD 356122	42.44 0.21 0.00	42.07 0.08 0.00	40.37 0.12 0.00	39.08 -0.12 0.00	40.53 0.08 0.00	42.90 0.04 0.00	60.26 0.24 0.00	65.42 0.00 0.00	53.20 0.11 0.00	44.62 0.04 0.00	42.90 0.17 0.00	40.93 0.16 0.00	41.23 0.25 0.00	42.33 0.29 0.00	41.93 0.21 0.00	42.87 0.30 0.00	44.23 0.22 0.00	49.45 0.25 0.00	55.36 0.17 0.00	63.71 0.25 0.00	59.55 0.30 0.00	51.50 0.15 0.00	43.80 0.09 0.00	41.92 0.17 0.00
OCC_CHEM___DRP 24175	40.37 -1.86 0.00	39.47 -2.52 0.00	37.83 -2.41 0.00	35.86 -3.33 0.00	37.94 -2.51 0.00	40.20 -2.66 0.00	55.34 -4.68 0.00	59.01 -6.41 0.00	49.32 -3.77 0.00	41.59 -2.99 0.00	40.68 -2.05 0.00	38.89 -1.88 0.00	39.55 -1.43 0.00	40.61 -1.43 0.00	40.06 -1.67 0.00	40.91 -1.66 0.00	41.72 -2.29 0.00	46.50 -2.71 0.00	51.39 -3.81 0.00	58.18 -5.27 0.00	55.05 -4.21 0.00	48.27 -3.08 0.00	41.30 -2.40 0.00	39.75 -2.00 0.00
OH_GEN_PROXY 24063	40.62 -1.60 0.00	39.76 -2.23 0.00	38.19 -2.05 0.00	36.88 -2.31 0.00	38.30 -2.14 0.00	40.63 -2.23 0.00	56.24 -3.78 0.00	60.32 -5.10 0.00	49.96 -3.13 0.00	42.26 -2.32 0.00	40.97 -1.75 0.00	39.30 -1.47 0.00	39.76 -1.23 0.00	40.90 -1.13 0.00	40.31 -1.42 0.00	41.20 -1.36 0.00	42.38 -1.63 0.00	46.89 -2.31 0.00	51.94 -3.26 0.00	59.07 -4.38 0.00	55.82 -3.44 0.00	48.73 -2.62 0.00	41.79 -1.92 0.00	40.04 -1.71 0.00
OLIN_CORP_DRP 24177	40.33 -1.90 0.00	39.42 -2.56 0.00	37.79 -2.46 0.00	35.83 -3.37 0.00	37.90 -2.55 0.00	40.16 -2.70 0.00	55.34 -4.68 0.00	59.08 -6.35 0.00	49.32 -3.77 0.00	41.55 -3.03 0.00	40.63 -2.09 0.00	38.85 -1.92 0.00	39.47 -1.52 0.00	40.56 -1.47 0.00	40.01 -1.71 0.00	40.82 -1.75 0.00	41.67 -2.33 0.00	46.45 -2.76 0.00	51.39 -3.81 0.00	58.18 -5.27 0.00	55.05 -4.21 0.00	48.27 -3.08 0.00	41.26 -2.45 0.00	39.70 -2.05 0.00
OLIN_CORP_DSASP 323712	40.37 -1.86 0.00	39.47 -2.52 0.00	37.91 -2.34 0.00	36.61 -2.59 0.00	38.02 -2.43 0.00	40.37 -2.49 0.00	55.70 -4.32 0.00	59.73 -5.69 0.00	49.53 -3.56 0.00	41.90 -2.67 0.00	40.68 -2.05 0.00	39.09 -1.67 0.00	39.55 -1.44 0.00	40.69 -1.35 0.00	40.10 -1.63 0.00	40.95 -1.62 0.00	42.12 -1.89 0.00	46.55 -2.66 0.00	51.44 -3.76 0.00	58.50 -4.95 0.00	55.29 -3.97 0.00	48.37 -2.98 0.00	41.52 -2.18 0.00	39.75 -2.00 0.00
ONEIDA_HERK_LFGE 323681	43.03 0.80 0.00	42.82 0.84 0.00	41.05 0.80 0.00	39.94 0.74 0.00	41.25 0.81 0.00	43.89 1.03 0.00	61.70 1.68 0.00	66.86 1.44 0.00	53.89 0.80 0.00	45.11 0.54 0.00	43.41 0.68 0.00	41.34 0.57 0.00	41.60 0.62 0.00	42.83 0.80 0.00	42.48 0.75 0.00	43.29 0.72 0.00	44.58 0.57 0.00	49.84 0.64 0.00	55.97 0.77 0.00	64.53 1.08 0.00	60.26 1.01 0.00	51.97 0.62 0.00	44.19 0.48 0.00	42.17 0.42 0.00
ONEIDA___115KV_TB4 55905	43.41 1.18 0.00	43.16 1.18 0.00	41.37 1.13 0.00	40.18 0.98 0.00	41.54 1.09 0.00	44.19 1.33 0.00	62.18 2.16 0.00	67.52 2.09 0.00	54.52 1.43 0.00	45.60 1.03 0.00	43.80 1.07 0.00	41.70 0.94 0.00	42.05 1.07 0.00	43.25 1.22 0.00	42.85 1.13 0.00	43.76 1.19 0.00	45.20 1.19 0.00	50.53 1.33 0.00	56.74 1.55 0.00	65.48 2.03 0.00	61.09 1.84 0.00	52.73 1.39 0.00	44.80 1.09 0.00	42.79 1.04 0.00
ONONDAGA_REF_OCCRA 23987	42.18 -0.04 0.00	41.82 -0.17 0.00	40.13 -0.12 0.00	38.92 -0.27 0.00	40.28 -0.16 0.00	42.73 -0.13 0.00	60.08 0.06 0.00	65.36 -0.07 0.00	53.09 0.00 0.00	44.53 -0.04 0.00	42.77 0.04 0.00	40.81 0.04 0.00	41.11 0.12 0.00	42.24 0.21 0.00	41.85 0.13 0.00	42.74 0.17 0.00	44.14 0.13 0.00	49.35 0.15 0.00	55.25 0.06 0.00	63.58 0.13 0.00	59.43 0.18 0.00	51.35 0.00 0.00	43.66 -0.04 0.00	41.71 -0.04 0.00
ONONDAGA___COGEN 23986	42.23 0.00 0.00	41.90 -0.08 0.00	40.21 -0.04 0.00	39.00 -0.20 0.00	40.36 -0.08 0.00	42.82 -0.04 0.00	60.14 0.12 0.00	65.42 0.00 0.00	53.14 0.05 0.00	44.62 0.04 0.00	42.86 0.13 0.00	40.89 0.12 0.00	41.19 0.20 0.00	42.37 0.34 0.00	41.97 0.25 0.00	42.87 0.30 0.00	44.23 0.22 0.00	49.40 0.20 0.00	55.36 0.17 0.00	63.64 0.19 0.00	59.49 0.24 0.00	51.40 0.05 0.00	43.71 0.00 0.00	41.75 0.00 0.00
ONTARIO___LFGE 23819	42.77 0.55 0.00	42.28 0.30 0.00	40.57 0.32 0.00	39.31 0.12 0.00	40.69 0.24 0.00	43.29 0.43 0.00	60.56 0.54 0.00	65.62 0.20 0.00	53.47 0.37 0.00	44.98 0.40 0.00	43.24 0.51 0.00	41.26 0.49 0.00	41.56 0.57 0.00	42.83 0.80 0.00	42.35 0.63 0.00	43.29 0.72 0.00	44.71 0.70 0.00	49.89 0.69 0.00	55.59 0.39 0.00	63.83 0.38 0.00	59.79 0.53 0.00	51.81 0.46 0.00	44.10 0.39 0.00	42.12 0.37 0.00
ORANGEVILLE_WT_PWR 323706	41.59 -0.63 0.00	40.81 -1.18 0.00	39.16 -1.08 0.00	37.79 -1.41 0.00	39.19 -1.25 0.00	41.61 -1.24 0.00	57.92 -2.10 0.00	62.22 -3.20 0.00	51.18 -1.91 0.00	43.06 -1.52 0.00	41.58 -1.15 0.00	39.71 -1.06 0.00	40.13 -0.86 0.00	41.36 -0.67 0.00	40.81 -0.92 0.00	41.80 -0.76 0.00	43.08 -0.93 0.00	47.88 -1.33 0.00	53.26 -1.93 0.00	60.85 -2.60 0.00	57.24 -2.01 0.00	49.75 -1.59 0.00	42.53 -1.18 0.00	40.66 -1.09 0.00
ORANGEVILLE___ESR 323794	41.59 -0.63 0.00	40.81 -1.18 0.00	39.16 -1.08 0.00	37.79 -1.41 0.00	39.19 -1.25 0.00	41.61 -1.24 0.00	57.92 -2.10 0.00	62.22 -3.20 0.00	51.18 -1.91 0.00	43.06 -1.52 0.00	41.58 -1.15 0.00	39.71 -1.06 0.00	40.13 -0.86 0.00	41.36 -0.67 0.00	40.81 -0.92 0.00	41.80 -0.76 0.00	43.08 -0.93 0.00	47.88 -1.33 0.00	53.26 -1.93 0.00	60.85 -2.60 0.00	57.24 -2.01 0.00	49.75 -1.59 0.00	42.53 -1.18 0.00	40.66 -1.09 0.00
OSWEGATCHIE___HYD 24044	41.51 -0.72 0.00	41.44 -0.55 0.00	39.68 -0.56 0.00	38.65 -0.55 0.00	39.80 -0.65 0.00	42.35 -0.51 0.00	59.06 -0.96 0.00	63.59 -1.83 0.00	51.71 -1.38 0.00	43.42 -1.16 0.00	41.75 -0.98 0.00	39.67 -1.10 0.00	40.00 -0.98 0.00	41.19 -0.84 0.00	40.89 -0.83 0.00	41.63 -0.94 0.00	42.82 -1.19 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	61.36 -2.09 0.00	57.48 -1.78 0.00	49.86 -1.49 0.00	42.57 -1.14 0.00	40.62 -1.13 0.00
OSWEGO___5 23606	41.51 -0.72 0.00	41.19 -0.80 0.00	39.52 -0.72 0.00	38.45 -0.75 0.00	39.68 -0.77 0.00	42.09 -0.77 0.00	59.06 -0.96 0.00	64.31 -1.11 0.00	52.19 -0.90 0.00	43.82 -0.76 0.00	42.04 -0.69 0.00	40.15 -0.61 0.00	40.41 -0.57 0.00	41.49 -0.55 0.00	41.14 -0.58 0.00	41.97 -0.60 0.00	43.35 -0.66 0.00	48.47 -0.74 0.00	54.31 -0.89 0.00	62.50 -0.95 0.00	58.37 -0.89 0.00	50.47 -0.87 0.00	42.96 -0.74 0.00	41.04 -0.71 0.00

OSWEGO___6 23613	41.51 -0.72 0.00	41.19 -0.80 0.00	39.52 -0.72 0.00	38.45 -0.75 0.00	39.68 -0.77 0.00	42.09 -0.77 0.00	59.06 -0.96 0.00	64.31 -1.11 0.00	52.19 -0.90 0.00	43.82 -0.76 0.00	42.04 -0.69 0.00	40.15 -0.61 0.00	40.41 -0.57 0.00	41.49 -0.55 0.00	41.14 -0.58 0.00	41.97 -0.60 0.00	43.35 -0.66 0.00	48.47 -0.74 0.00	54.31 -0.89 0.00	62.50 -0.95 0.00	58.37 -0.89 0.00	50.47 -0.87 0.00	42.96 -0.74 0.00	41.04 -0.71 0.00
OUTOKUMPU-AB___DRP 24206	41.30 -0.93 0.00	40.35 -1.64 0.00	38.72 -1.53 0.00	36.73 -2.47 0.00	38.87 -1.58 0.00	41.14 -1.71 0.00	56.78 -3.24 0.00	60.71 -4.71 0.00	50.70 -2.39 0.00	42.66 -1.92 0.00	41.66 -1.07 0.00	39.87 -0.90 0.00	40.58 -0.41 0.00	41.66 -0.38 0.00	41.10 -0.63 0.00	41.93 -0.64 0.00	42.77 -1.23 0.00	47.73 -1.48 0.00	52.77 -2.43 0.00	59.77 -3.68 0.00	56.53 -2.73 0.00	49.50 -1.85 0.00	42.22 -1.49 0.00	40.62 -1.13 0.00
OXBOW___BTM 323836	40.79 -1.44 0.00	39.89 -2.10 0.00	38.31 -1.93 0.00	37.00 -2.19 0.00	38.42 -2.02 0.00	40.80 -2.06 0.00	56.36 -3.66 0.00	60.45 -4.97 0.00	50.17 -2.92 0.00	42.39 -2.18 0.00	41.15 -1.58 0.00	39.54 -1.22 0.00	40.09 -0.90 0.00	41.19 -0.84 0.00	40.56 -1.17 0.00	41.46 -1.11 0.00	42.60 -1.41 0.00	47.19 -2.02 0.00	52.11 -3.09 0.00	59.26 -4.19 0.00	56.00 -3.26 0.00	48.99 -2.36 0.00	41.96 -1.75 0.00	40.16 -1.59 0.00
OXBOW___ 24026	40.79 -1.44 0.00	39.89 -2.10 0.00	38.23 -2.01 0.00	36.26 -2.94 0.00	38.38 -2.06 0.00	40.63 -2.23 0.00	56.00 -4.02 0.00	59.80 -5.63 0.00	49.96 -3.13 0.00	42.08 -2.50 0.00	41.15 -1.58 0.00	39.34 -1.43 0.00	40.05 -0.94 0.00	41.11 -0.92 0.00	40.56 -1.17 0.00	41.38 -1.19 0.00	42.25 -1.76 0.00	47.09 -2.12 0.00	52.05 -3.15 0.00	58.95 -4.51 0.00	55.76 -3.50 0.00	48.88 -2.46 0.00	41.74 -1.97 0.00	40.12 -1.63 0.00
OXY_CHEM_DSASP 323612	40.37 -1.86 0.00	39.47 -2.52 0.00	37.83 -2.41 0.00	35.86 -3.33 0.00	37.94 -2.51 0.00	40.20 -2.66 0.00	55.34 -4.68 0.00	59.01 -6.41 0.00	49.32 -3.77 0.00	41.59 -2.99 0.00	40.68 -2.05 0.00	38.89 -1.88 0.00	39.55 -1.43 0.00	40.61 -1.43 0.00	40.06 -1.67 0.00	40.91 -1.66 0.00	41.72 -2.29 0.00	46.50 -2.71 0.00	51.39 -3.81 0.00	58.18 -5.27 0.00	55.05 -4.21 0.00	48.27 -3.08 0.00	41.30 -2.40 0.00	39.75 -2.00 0.00
OZONE_PARK_ESR 323760	44.51 2.28 0.00	44.21 2.23 0.00	42.22 1.97 0.00	41.31 2.12 0.00	42.59 2.14 0.00	45.22 2.36 0.00	64.28 4.26 0.00	70.79 5.36 0.00	56.60 3.50 0.00	47.52 2.94 0.00	45.46 2.73 0.00	43.46 2.69 0.00	43.53 2.54 0.00	44.43 2.40 0.00	44.19 2.46 0.00	45.16 2.60 0.00	46.91 2.90 0.00	52.60 3.40 0.00	59.06 3.86 0.00	68.53 5.08 0.00	63.88 4.62 0.00	54.99 3.65 0.00	46.55 2.84 0.00	44.30 2.55 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	40.37 -1.86 0.00	39.47 -2.52 0.00	37.83 -2.41 0.00	35.86 -3.33 0.00	37.94 -2.51 0.00	40.20 -2.66 0.00	55.34 -4.68 0.00	59.01 -6.41 0.00	49.32 -3.77 0.00	41.59 -2.99 0.00	40.68 -2.05 0.00	38.89 -1.88 0.00	39.55 -1.43 0.00	40.61 -1.43 0.00	40.06 -1.67 0.00	40.91 -1.66 0.00	41.72 -2.29 0.00	46.50 -2.71 0.00	51.39 -3.81 0.00	58.18 -5.27 0.00	55.05 -4.21 0.00	48.27 -3.08 0.00	41.30 -2.40 0.00	39.75 -2.00 0.00
PACKARD___115KV_DUPONT_184 80571	40.37 -1.86 0.00	39.47 -2.52 0.00	37.83 -2.41 0.00	35.86 -3.33 0.00	37.94 -2.51 0.00	40.20 -2.66 0.00	55.34 -4.68 0.00	59.01 -6.41 0.00	49.32 -3.77 0.00	41.59 -2.99 0.00	40.68 -2.05 0.00	38.89 -1.88 0.00	39.55 -1.43 0.00	40.61 -1.43 0.00	40.06 -1.67 0.00	40.91 -1.66 0.00	41.72 -2.29 0.00	46.50 -2.71 0.00	51.39 -3.81 0.00	58.18 -5.27 0.00	55.05 -4.21 0.00	48.27 -3.08 0.00	41.30 -2.40 0.00	39.75 -2.00 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	44.30 2.07 -0.01	44.01 2.02 -0.01	42.07 1.81 -0.01	41.16 1.96 -0.01	42.39 1.94 -0.01	44.97 2.10 -0.01	63.74 3.72 0.00	70.26 4.84 0.00	56.16 3.08 0.01	47.20 2.63 0.01	45.11 2.39 0.01	43.16 2.41 0.01	43.19 2.21 0.01	44.13 2.10 0.01	43.89 2.17 0.01	44.86 2.30 0.01	46.55 2.55 0.01	52.20 3.00 0.01	58.56 3.37 0.01	67.96 4.51 0.00	63.28 4.03 0.01	54.57 3.23 0.01	46.25 2.54 -0.01	44.01 2.25 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	44.52 2.28 -0.01	44.26 2.27 -0.01	42.31 2.05 -0.01	41.40 2.19 -0.01	42.64 2.18 -0.01	45.18 2.31 -0.01	64.04 4.02 0.00	70.52 5.10 0.00	56.38 3.29 0.01	47.33 2.76 0.01	45.24 2.52 0.01	43.24 2.49 0.01	43.28 2.30 0.01	44.21 2.19 0.01	43.97 2.25 0.01	44.94 2.38 0.01	46.77 2.77 0.01	52.30 3.10 0.01	58.72 3.53 0.01	68.21 4.76 0.00	63.45 4.21 0.01	54.78 3.44 0.01	46.47 2.75 -0.01	44.22 2.46 -0.01
PATROON___115KV_TB1 80586	42.78 0.55 0.00	42.53 0.55 0.00	40.73 0.48 0.00	39.90 0.71 0.00	41.05 0.61 0.00	43.54 0.69 0.00	61.34 1.32 0.00	67.12 1.70 0.00	53.83 0.74 0.00	45.16 0.58 0.00	43.20 0.47 0.00	41.30 0.53 0.00	41.44 0.45 0.00	42.33 0.29 0.00	42.14 0.42 0.00	42.99 0.43 0.00	44.49 0.48 0.00	49.85 0.64 0.00	55.97 0.77 0.00	65.04 1.59 0.00	60.56 1.30 0.00	52.17 0.82 0.00	44.36 0.66 0.00	42.42 0.67 0.00
PATTRSNVILLE___SOLAR 323815	43.62 1.39 0.00	43.41 1.43 0.00	41.57 1.33 0.00	40.53 1.33 0.00	41.82 1.38 0.00	44.49 1.63 0.00	62.72 2.70 0.00	68.50 3.08 0.00	54.84 1.75 0.00	45.78 1.20 0.00	43.67 0.94 0.00	41.62 0.86 0.00	41.89 0.90 0.00	42.96 0.92 0.00	42.72 1.00 0.00	43.59 1.02 0.00	45.15 1.14 0.00	50.78 1.57 0.00	57.13 1.93 0.00	66.31 2.86 0.00	61.80 2.55 0.00	53.30 1.95 0.00	45.19 1.49 0.00	43.17 1.42 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	41.64 -0.59 0.00	40.73 -1.26 0.00	39.04 -1.21 0.00	37.16 -2.04 0.00	39.19 -1.25 0.00	41.57 -1.29 0.00	57.62 -2.40 0.00	61.76 -3.66 0.00	51.29 -1.81 0.00	43.06 -1.52 0.00	41.92 -0.81 0.00	40.11 -0.65 0.00	40.82 -0.16 0.00	41.87 -0.17 0.00	41.31 -0.42 0.00	42.14 -0.43 0.00	43.13 -0.88 0.00	48.17 -1.03 0.00	53.38 -1.82 0.00	60.60 -2.86 0.00	57.18 -2.07 0.00	49.91 -1.44 0.00	42.48 -1.22 0.00	40.91 -0.83 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	44.17 1.94 0.00	43.92 1.93 0.00	41.98 1.73 0.00	41.08 1.88 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.74 3.72 0.00	69.87 4.45 0.00	55.85 2.76 0.00	46.85 2.27 0.00	44.82 2.09 0.00	42.68 1.92 0.00	42.83 1.84 0.00	43.88 1.85 0.00	43.60 1.88 0.00	44.57 2.00 0.00	46.21 2.20 0.00	51.76 2.56 0.00	58.12 2.93 0.00	67.58 4.12 0.00	62.93 3.67 0.00	54.12 2.77 0.00	45.89 2.19 0.00	43.80 2.05 0.00
PEEKSKILL___ 23653	43.70 1.48 0.00	43.45 1.47 0.00	41.53 1.29 0.00	40.53 1.33 0.00	41.86 1.41 0.00	44.36 1.50 0.00	62.84 2.82 0.00	68.95 3.53 0.00	55.16 2.07 0.00	46.36 1.78 0.00	44.35 1.62 0.00	42.35 1.59 0.00	42.42 1.43 0.00	43.38 1.34 0.00	43.18 1.46 0.00	44.10 1.53 0.00	45.68 1.67 0.00	51.22 2.02 0.00	57.51 2.32 0.00	66.81 3.36 0.00	62.22 2.96 0.00	53.60 2.26 0.00	45.50 1.79 0.00	43.38 1.63 0.00

PGE MADISON___WINDPWR 24146	46.54 4.31 0.00	46.39 4.41 0.00	44.43 4.19 0.00	43.12 3.92 0.00	44.49 4.04 0.00	47.53 4.67 0.00	67.46 7.44 0.00	73.20 7.78 0.00	58.45 5.36 0.00	48.59 4.01 0.00	46.49 3.76 0.00	44.19 3.42 0.00	44.55 3.56 0.00	46.03 4.00 0.00	45.61 3.88 0.00	45.67 3.11 0.00	47.13 3.12 0.00	52.80 3.59 0.00	59.45 4.25 0.00	68.71 5.26 0.00	64.11 4.86 0.00	54.99 3.65 0.00	46.68 2.97 0.00	44.55 2.80 0.00
PIERCEFIELD___HYD 23852	41.47 -0.76 0.00	41.44 -0.55 0.00	39.64 -0.60 0.00	38.65 -0.55 0.00	39.72 -0.73 0.00	42.22 -0.64 0.00	58.34 -1.68 0.00	62.81 -2.62 0.00	51.76 -1.33 0.00	43.64 -0.94 0.00	41.79 -0.94 0.00	39.71 -1.06 0.00	40.13 -0.86 0.00	41.28 -0.76 0.00	40.97 -0.75 0.00	41.67 -0.89 0.00	43.04 -0.97 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	60.79 -2.66 0.00	57.12 -2.13 0.00	49.81 -1.54 0.00	42.75 -0.96 0.00	40.87 -0.88 0.00
PINELAWN_CC_1 323563	44.81 2.58 -0.01	44.60 2.60 -0.01	42.59 2.33 -0.01	41.51 2.31 0.00	43.08 2.63 -0.01	45.61 2.75 -0.01	64.84 4.56 -0.26	78.20 5.24 -7.54	55.80 2.71 0.00	46.89 2.32 0.00	44.82 2.09 0.00	42.88 2.12 0.00	42.22 1.23 0.00	43.46 1.43 0.00	43.99 2.25 -0.01	45.00 2.43 -0.01	46.66 2.64 -0.01	52.17 2.95 -0.01	58.52 3.31 -0.01	72.07 4.89 -3.73	63.59 4.32 -0.01	54.80 3.44 -0.01	50.47 2.93 -3.83	46.83 2.84 -2.24
PJM_GEN_HTP_PROXY 323702	44.21 1.99 0.00	43.88 1.89 0.00	41.94 1.69 0.00	40.92 1.72 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.68 3.66 0.00	70.07 4.65 0.00	56.06 2.97 0.00	47.07 2.49 0.00	45.08 2.35 0.00	43.05 2.28 0.00	43.12 2.13 0.00	44.05 2.02 0.00	43.81 2.09 0.00	44.74 2.17 0.00	46.43 2.42 0.00	52.11 2.90 0.00	58.45 3.26 0.00	67.89 4.44 0.00	63.23 3.97 0.00	54.43 3.08 0.00	46.11 2.40 0.00	43.92 2.17 0.00
PJM_GEN_KEystone 24065	42.40 0.17 0.00	41.90 -0.08 0.00	40.17 -0.08 0.00	39.00 -0.20 0.00	40.36 -0.08 0.00	42.82 -0.04 0.00	60.20 0.18 0.00	65.49 0.07 0.00	53.04 -0.05 0.00	44.58 0.00 0.00	42.86 0.13 0.00	40.97 0.20 0.00	41.24 0.25 0.00	42.20 0.17 0.00	41.85 0.13 0.00	42.74 0.17 0.00	44.18 0.18 0.00	49.35 0.15 0.00	55.20 0.00 0.00	63.64 0.19 0.00	59.55 0.30 0.00	51.45 0.10 0.00	43.84 0.13 0.00	41.92 0.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	44.30 2.07 -0.01	44.01 2.02 -0.01	42.15 1.89 -0.01	41.12 1.92 0.00	42.60 2.14 -0.01	45.01 2.14 -0.01	63.96 3.72 -0.22	76.24 4.45 -6.36	55.32 2.23 0.00	46.54 1.96 0.00	44.52 1.79 0.00	42.60 1.84 0.00	42.05 1.06 0.00	43.25 1.22 0.00	43.69 1.96 -0.01	44.62 2.04 -0.01	46.21 2.20 -0.01	51.67 2.46 -0.01	57.96 2.76 -0.01	70.47 3.87 -3.15	62.76 3.50 -0.01	54.18 2.82 -0.01	49.26 2.31 -3.23	45.89 2.25 -1.89
PJM_GEN_VFT_PROXY 323633	44.04 1.81 0.00	43.75 1.76 0.00	41.77 1.53 0.00	40.80 1.61 0.00	42.14 1.70 0.00	44.70 1.84 0.00	63.50 3.48 0.00	69.87 4.45 0.00	55.90 2.81 0.00	46.94 2.36 0.00	44.99 2.26 0.00	42.97 2.20 0.00	43.04 2.05 0.00	43.93 1.89 0.00	43.73 2.00 0.00	44.65 2.09 0.00	46.29 2.29 0.00	51.96 2.75 0.00	58.29 3.09 0.00	67.70 4.25 0.00	62.99 3.74 0.00	54.32 2.98 0.00	46.02 2.31 0.00	43.79 2.05 0.00
PLATSBURG_115KV_PMLD1 355749	42.56 0.34 0.00	42.49 0.50 0.00	40.73 0.48 0.00	39.78 0.59 0.00	40.97 0.53 0.00	43.63 0.77 0.00	60.80 0.78 0.00	65.55 0.13 0.00	54.37 1.27 0.00	45.65 1.07 0.00	43.67 0.94 0.00	41.50 0.73 0.00	41.93 0.94 0.00	43.04 1.01 0.00	42.68 0.96 0.00	43.50 0.94 0.00	44.98 0.97 0.00	50.09 0.89 0.00	56.25 1.05 0.00	63.64 0.19 0.00	59.91 0.65 0.00	52.17 0.82 0.00	44.49 0.79 0.00	42.50 0.75 0.00
PLEASANTVLY___LBMP 24000	43.62 1.39 0.00	43.37 1.39 0.00	41.49 1.25 0.00	40.57 1.37 0.00	41.82 1.38 0.00	44.32 1.46 0.00	62.78 2.76 0.00	68.95 3.53 0.00	55.11 2.02 0.00	46.31 1.74 0.00	44.27 1.54 0.00	42.31 1.55 0.00	42.34 1.35 0.00	43.30 1.26 0.00	43.06 1.34 0.00	43.97 1.40 0.00	45.59 1.58 0.00	51.12 1.92 0.00	57.40 2.21 0.00	66.75 3.30 0.00	62.16 2.90 0.00	53.56 2.21 0.00	45.46 1.75 0.00	43.34 1.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	44.00 1.77 0.00	43.75 1.76 0.00	41.82 1.57 0.00	40.88 1.69 0.00	42.14 1.70 0.00	44.70 1.84 0.00	63.38 3.36 0.00	69.67 4.25 0.00	55.69 2.60 0.00	46.76 2.18 0.00	44.74 2.01 0.00	42.72 1.96 0.00	42.79 1.80 0.00	43.72 1.68 0.00	43.52 1.79 0.00	44.48 1.92 0.00	46.12 2.11 0.00	51.71 2.51 0.00	58.01 2.82 0.00	67.45 4.00 0.00	62.81 3.56 0.00	54.07 2.72 0.00	45.89 2.19 0.00	43.71 1.96 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.00 1.77 0.00	43.75 1.76 0.00	41.82 1.57 0.00	40.88 1.69 0.00	42.14 1.70 0.00	44.70 1.84 0.00	63.38 3.36 0.00	69.67 4.25 0.00	55.69 2.60 0.00	46.76 2.18 0.00	44.74 2.01 0.00	42.72 1.96 0.00	42.79 1.80 0.00	43.72 1.68 0.00	43.52 1.79 0.00	44.48 1.92 0.00	46.12 2.11 0.00	51.71 2.51 0.00	58.01 2.82 0.00	67.45 4.00 0.00	62.81 3.56 0.00	54.07 2.72 0.00	45.89 2.19 0.00	43.71 1.96 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.92 1.69 0.00	43.66 1.68 0.00	41.78 1.53 0.00	40.80 1.61 0.00	42.06 1.62 0.00	44.62 1.76 0.00	63.26 3.24 0.00	69.35 3.93 0.00	55.48 2.39 0.00	46.49 1.92 0.00	44.48 1.75 0.00	42.44 1.67 0.00	42.51 1.52 0.00	43.46 1.43 0.00	43.27 1.54 0.00	44.19 1.62 0.00	45.86 1.85 0.00	51.37 2.17 0.00	57.74 2.54 0.00	67.19 3.74 0.00	62.57 3.32 0.00	53.76 2.41 0.00	45.63 1.92 0.00	43.50 1.75 0.00
POLETTI___ 23519	44.17 1.94 0.00	43.87 1.89 0.00	41.94 1.69 0.00	41.04 1.84 0.00	42.31 1.86 0.00	44.87 2.01 0.00	63.74 3.72 0.00	70.20 4.78 0.00	56.12 3.03 0.00	47.16 2.59 0.00	45.08 2.35 0.00	43.13 2.36 0.00	43.16 2.17 0.00	44.09 2.06 0.00	43.85 2.13 0.00	44.78 2.21 0.00	46.52 2.51 0.00	52.16 2.95 0.00	58.51 3.31 0.00	67.96 4.51 0.00	63.28 4.03 0.00	54.48 3.13 0.00	46.16 2.45 0.00	43.92 2.17 0.00
POMONA___ESR 323819	43.70 1.48 0.00	43.41 1.43 0.00	41.53 1.29 0.00	40.53 1.33 0.00	41.86 1.41 0.00	44.32 1.46 0.00	62.72 2.70 0.00	68.82 3.40 0.00	55.11 2.02 0.00	46.31 1.74 0.00	44.31 1.58 0.00	42.31 1.55 0.00	42.42 1.43 0.00	43.34 1.30 0.00	43.14 1.42 0.00	44.06 1.49 0.00	45.64 1.63 0.00	51.12 1.92 0.00	57.41 2.21 0.00	66.75 3.30 0.00	62.10 2.84 0.00	53.50 2.16 0.00	45.41 1.70 0.00	43.34 1.59 0.00
PORT_JEFF_3 23555	44.81 2.58 -0.01	44.81 2.81 -0.01	42.55 2.29 -0.01	41.47 2.27 0.00	43.24 2.79 -0.01	45.82 2.96 -0.01	65.23 4.98 -0.23	77.69 5.43 -6.84	55.74 2.65 0.00	46.76 2.18 0.00	44.78 2.05 0.00	42.88 2.12 0.00	41.93 0.94 0.00	43.21 1.18 0.00	43.78 2.04 -0.01	44.83 2.25 -0.01	46.57 2.55 -0.01	52.12 2.90 -0.01	58.41 3.20 -0.01	72.04 5.20 -3.38	63.71 4.45 -0.01	54.90 3.54 -0.01	50.24 3.06 -3.48	46.91 3.13 -2.03

PORT_JEFF_4 23616	44.81 2.58 -0.01	44.81 2.81 -0.01	42.55 2.29 -0.01	41.47 2.27 0.00	43.24 2.79 -0.01	45.82 2.96 -0.01	65.23 4.98 -0.23	77.69 5.43 -6.84	55.74 2.65 0.00	46.76 2.18 0.00	44.78 2.05 0.00	42.88 2.12 0.00	41.93 0.94 0.00	43.21 1.18 0.00	43.78 2.04 -0.01	44.83 2.25 -0.01	46.57 2.55 -0.01	52.12 2.90 -0.01	58.41 3.20 -0.01	72.04 5.20 -3.38	63.71 4.45 -0.01	54.90 3.54 -0.01	50.24 3.06 -3.48	46.91 3.13 -2.03
PORT_JEFF_IC 23713	44.85 2.62 -0.01	44.85 2.85 -0.01	42.59 2.33 -0.01	41.59 2.39 0.00	43.28 2.83 -0.01	45.87 3.00 -0.01	65.60 5.34 -0.24	78.24 5.95 -6.87	56.44 3.34 0.00	47.47 2.90 0.00	45.25 2.52 0.00	43.37 2.61 0.00	42.38 1.39 0.00	43.72 1.68 0.00	44.07 2.34 -0.01	45.09 2.51 -0.01	46.88 2.86 -0.01	52.46 3.25 -0.01	58.79 3.59 -0.01	72.43 5.58 -3.39	64.24 4.98 -0.01	55.26 3.90 -0.01	50.47 3.28 -3.49	46.92 3.13 -2.04
PPL_PILGRIM_ST_GT1 24216	45.02 2.79 -0.01	44.89 2.89 -0.01	42.71 2.46 -0.01	41.63 2.43 0.00	43.28 2.83 -0.01	45.91 3.04 -0.01	65.18 4.92 -0.24	77.93 5.56 -6.95	55.96 2.86 0.00	47.07 2.49 0.00	45.03 2.31 0.00	43.09 2.32 0.00	42.30 1.31 0.00	43.59 1.56 0.00	44.11 2.38 -0.01	45.13 2.55 -0.01	46.83 2.82 -0.01	52.32 3.10 -0.01	58.69 3.48 -0.01	72.15 5.26 -3.44	63.83 4.56 -0.01	55.00 3.65 -0.01	50.43 3.19 -3.53	46.95 3.13 -2.06
PPL_PILGRIM_ST_GT2 24217	45.02 2.79 -0.01	44.89 2.89 -0.01	42.71 2.46 -0.01	41.63 2.43 0.00	43.28 2.83 -0.01	45.91 3.04 -0.01	65.18 4.92 -0.24	77.93 5.56 -6.95	55.96 2.86 0.00	47.07 2.49 0.00	45.03 2.31 0.00	43.09 2.32 0.00	42.30 1.31 0.00	43.59 1.56 0.00	44.11 2.38 -0.01	45.13 2.55 -0.01	46.83 2.82 -0.01	52.32 3.10 -0.01	58.69 3.48 -0.01	72.15 5.26 -3.44	63.83 4.56 -0.01	55.00 3.65 -0.01	50.43 3.19 -3.53	46.95 3.13 -2.06
PPL_SHRM_GT3 24213	44.22 1.99 -0.01	44.60 2.60 -0.01	42.02 1.77 -0.01	40.96 1.77 0.00	43.04 2.59 -0.01	45.65 2.78 -0.01	65.59 5.34 -0.23	78.23 5.95 -6.85	55.48 2.39 0.00	46.14 1.56 0.00	44.44 1.71 0.00	42.56 1.79 0.00	41.19 0.21 0.00	42.50 0.46 0.00	43.03 1.29 -0.01	44.15 1.58 -0.01	45.91 1.89 -0.01	51.62 2.41 -0.01	57.69 2.49 -0.01	72.61 5.77 -3.39	63.53 4.27 -0.01	54.69 3.34 -0.01	50.03 2.84 -3.48	46.75 2.96 -2.03
PPL_SHRM_GT4 24214	44.22 1.99 -0.01	44.60 2.60 -0.01	42.02 1.77 -0.01	40.96 1.77 0.00	43.04 2.59 -0.01	45.65 2.78 -0.01	65.59 5.34 -0.23	78.23 5.95 -6.85	55.48 2.39 0.00	46.14 1.56 0.00	44.44 1.71 0.00	42.56 1.79 0.00	41.19 0.21 0.00	42.50 0.46 0.00	43.03 1.29 -0.01	44.15 1.58 -0.01	45.91 1.89 -0.01	51.62 2.41 -0.01	57.69 2.49 -0.01	72.61 5.77 -3.39	63.53 4.27 -0.01	54.69 3.34 -0.01	50.03 2.84 -3.48	46.75 2.96 -2.03
PROJECT___ORANGE 1 24174	42.06 -0.17 0.00	41.69 -0.29 0.00	40.00 -0.24 0.00	38.80 -0.39 0.00	40.16 -0.28 0.00	42.60 -0.26 0.00	59.90 -0.12 0.00	65.16 -0.26 0.00	52.93 -0.16 0.00	44.44 -0.13 0.00	42.73 0.00 0.00	40.77 0.00 0.00	41.07 0.08 0.00	42.20 0.17 0.00	41.81 0.08 0.00	42.70 0.13 0.00	44.05 0.04 0.00	49.21 0.00 0.00	55.09 -0.11 0.00	63.39 -0.06 0.00	59.25 0.00 0.00	51.19 -0.15 0.00	43.53 -0.17 0.00	41.58 -0.17 0.00
PROJECT___ORANGE 2 24166	42.06 -0.17 0.00	41.69 -0.29 0.00	40.00 -0.24 0.00	38.80 -0.39 0.00	40.16 -0.28 0.00	42.60 -0.26 0.00	59.90 -0.12 0.00	65.16 -0.26 0.00	52.93 -0.16 0.00	44.44 -0.13 0.00	42.73 0.00 0.00	40.77 0.00 0.00	41.07 0.08 0.00	42.20 0.17 0.00	41.81 0.08 0.00	42.70 0.13 0.00	44.05 0.04 0.00	49.21 0.00 0.00	55.09 -0.11 0.00	63.39 -0.06 0.00	59.25 0.00 0.00	51.19 -0.15 0.00	43.53 -0.17 0.00	41.58 -0.17 0.00
PUCKETT___SOLAR 323809	42.69 0.47 0.00	42.28 0.30 0.00	40.61 0.36 0.00	39.43 0.24 0.00	40.77 0.32 0.00	43.24 0.38 0.00	60.74 0.72 0.00	65.94 0.52 0.00	53.47 0.37 0.00	44.85 0.27 0.00	43.07 0.34 0.00	41.09 0.32 0.00	41.36 0.37 0.00	42.50 0.46 0.00	42.06 0.33 0.00	43.59 1.02 0.00	45.06 1.05 0.00	50.38 1.18 0.00	56.52 1.32 0.00	65.10 1.65 0.00	60.86 1.60 0.00	52.48 1.13 0.00	44.63 0.92 0.00	42.67 0.92 0.00
PYRITES___HYD 24023	42.52 0.30 0.00	42.49 0.50 0.00	40.65 0.40 0.00	39.63 0.43 0.00	40.73 0.28 0.00	43.37 0.51 0.00	59.90 -0.12 0.00	64.44 -0.98 0.00	52.99 -0.11 0.00	44.58 0.00 0.00	42.60 -0.13 0.00	40.48 -0.29 0.00	40.91 -0.08 0.00	42.08 0.04 0.00	41.81 0.08 0.00	42.44 -0.13 0.00	43.87 -0.13 0.00	48.71 -0.49 0.00	54.92 -0.28 0.00	62.31 -1.14 0.00	58.54 -0.71 0.00	51.04 -0.31 0.00	43.84 0.13 0.00	41.92 0.17 0.00
QUAKERRD_115KV_BK1 80622	41.09 -1.14 0.00	40.56 -1.43 0.00	38.96 -1.29 0.00	37.43 -1.76 0.00	39.03 -1.42 0.00	41.40 -1.46 0.00	57.86 -2.16 0.00	62.61 -2.81 0.00	51.45 -1.65 0.00	43.19 -1.38 0.00	41.74 -0.98 0.00	39.87 -0.90 0.00	40.33 -0.66 0.00	41.53 -0.50 0.00	41.06 -0.67 0.00	41.89 -0.68 0.00	43.08 -0.92 0.00	48.07 -1.13 0.00	53.60 -1.60 0.00	61.29 -2.16 0.00	57.48 -1.78 0.00	49.86 -1.49 0.00	42.48 -1.22 0.00	40.62 -1.13 0.00
QUEENSBRY_115KV_TB8 356137	44.55 2.32 0.00	44.38 2.39 0.00	42.50 2.25 0.00	41.51 2.31 0.00	42.75 2.31 0.00	45.64 2.79 0.00	64.70 4.68 0.00	70.72 5.30 0.00	56.44 3.34 0.00	46.94 2.36 0.00	44.78 2.05 0.00	42.76 2.00 0.00	43.00 2.01 0.00	44.18 2.14 0.00	43.81 2.09 0.00	44.70 2.13 0.00	46.25 2.24 0.00	52.01 2.80 0.00	58.40 3.20 0.00	67.96 4.51 0.00	63.28 4.03 0.00	54.53 3.18 0.00	46.11 2.40 0.00	44.13 2.38 0.00
RAMAPO___LBMP 323565	43.54 1.31 0.00	43.29 1.30 0.00	41.41 1.17 0.00	40.49 1.29 0.00	41.74 1.29 0.00	44.19 1.33 0.00	62.60 2.58 0.00	68.76 3.34 0.00	54.95 1.86 0.00	46.18 1.60 0.00	44.18 1.45 0.00	42.23 1.47 0.00	42.30 1.31 0.00	43.21 1.18 0.00	43.02 1.29 0.00	43.89 1.32 0.00	45.55 1.54 0.00	50.98 1.77 0.00	57.24 2.04 0.00	66.50 3.05 0.00	61.92 2.67 0.00	53.35 2.00 0.00	45.32 1.62 0.00	43.17 1.42 0.00
RANKINE____ 23646	41.64 -0.59 0.00	40.73 -1.26 0.00	39.04 -1.21 0.00	37.08 -2.12 0.00	39.19 -1.25 0.00	41.53 -1.33 0.00	57.44 -2.58 0.00	61.50 -3.93 0.00	51.23 -1.86 0.00	43.06 -1.52 0.00	42.00 -0.73 0.00	40.19 -0.57 0.00	40.91 -0.08 0.00	41.99 -0.04 0.00	41.39 -0.33 0.00	42.23 -0.34 0.00	43.17 -0.84 0.00	48.17 -1.03 0.00	53.32 -1.88 0.00	60.41 -3.05 0.00	57.12 -2.13 0.00	49.96 -1.39 0.00	42.57 -1.14 0.00	40.96 -0.79 0.00
RAVENSWOOD_GT2_1 24244	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.08 1.88 0.00	42.35 1.90 0.00	44.96 2.10 0.00	63.80 3.78 0.00	70.26 4.84 0.00	56.17 3.08 0.00	47.16 2.59 0.00	45.12 2.39 0.00	43.13 2.36 0.00	43.16 2.17 0.00	44.14 2.10 0.00	43.89 2.17 0.00	44.82 2.26 0.00	46.56 2.55 0.00	52.16 2.95 0.00	58.56 3.37 0.00	67.96 4.51 0.00	63.28 4.03 0.00	54.53 3.18 0.00	46.24 2.54 0.00	43.96 2.21 0.00

RAVENSWOOD_GT2_2 24245	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.08 1.88 0.00	42.35 1.90 0.00	44.96 2.10 0.00	63.80 3.78 0.00	70.26 4.84 0.00	56.17 3.08 0.00	47.16 2.59 0.00	45.12 2.39 0.00	43.13 2.36 0.00	43.16 2.17 0.00	44.14 2.10 0.00	43.89 2.17 0.00	44.82 2.26 0.00	46.56 2.55 0.00	52.16 2.95 0.00	58.56 3.37 0.00	67.96 4.51 0.00	63.28 4.03 0.00	54.53 3.18 0.00	46.24 2.54 0.00	43.96 2.21 0.00
RAVENSWOOD_GT2_3 24246	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.12 1.92 0.00	42.39 1.94 0.00	44.96 2.10 0.00	63.86 3.84 0.00	70.26 4.84 0.00	56.17 3.08 0.00	47.21 2.63 0.00	45.12 2.39 0.00	43.17 2.41 0.00	43.20 2.21 0.00	44.14 2.10 0.00	43.89 2.17 0.00	44.87 2.30 0.00	46.56 2.55 0.00	52.21 3.00 0.00	58.56 3.37 0.00	68.02 4.57 0.00	63.34 4.09 0.00	54.58 3.23 0.00	46.24 2.54 0.00	44.00 2.25 0.00
RAVENSWOOD_GT2_4 24247	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.12 1.92 0.00	42.39 1.94 0.00	44.96 2.10 0.00	63.86 3.84 0.00	70.26 4.84 0.00	56.17 3.08 0.00	47.21 2.63 0.00	45.12 2.39 0.00	43.17 2.41 0.00	43.20 2.21 0.00	44.14 2.10 0.00	43.89 2.17 0.00	44.87 2.30 0.00	46.56 2.55 0.00	52.21 3.00 0.00	58.56 3.37 0.00	68.02 4.57 0.00	63.34 4.09 0.00	54.58 3.23 0.00	46.24 2.54 0.00	44.00 2.25 0.00
RAVENSWOOD_GT3_1 24248	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.08 1.88 0.00	42.35 1.90 0.00	44.96 2.10 0.00	63.80 3.78 0.00	70.26 4.84 0.00	56.17 3.08 0.00	47.21 2.63 0.00	45.12 2.39 0.00	43.13 2.36 0.00	43.20 2.21 0.00	44.14 2.10 0.00	43.89 2.17 0.00	44.82 2.26 0.00	46.56 2.55 0.00	52.16 2.95 0.00	58.56 3.37 0.00	67.96 4.51 0.00	63.28 4.03 0.00	54.53 3.18 0.00	46.24 2.54 0.00	44.00 2.25 0.00
RAVENSWOOD_GT3_2 24249	44.25 2.03 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.08 1.88 0.00	42.35 1.90 0.00	44.96 2.10 0.00	63.80 3.78 0.00	70.26 4.84 0.00	56.17 3.08 0.00	47.21 2.63 0.00	45.12 2.39 0.00	43.13 2.36 0.00	43.20 2.21 0.00	44.14 2.10 0.00	43.89 2.17 0.00	44.82 2.26 0.00	46.56 2.55 0.00	52.16 2.95 0.00	58.56 3.37 0.00	67.96 4.51 0.00	63.28 4.03 0.00	54.53 3.18 0.00	46.24 2.54 0.00	44.00 2.25 0.00
RAVENSWOOD_GT3_3 24250	44.30 2.07 0.00	44.00 2.02 0.00	42.06 1.81 0.00	41.12 1.92 0.00	42.43 1.98 0.00	45.00 2.14 0.00	63.86 3.84 0.00	70.33 4.91 0.00	56.22 3.13 0.00	47.25 2.67 0.00	45.16 2.44 0.00	43.21 2.45 0.00	43.24 2.25 0.00	44.18 2.14 0.00	43.94 2.21 0.00	44.91 2.34 0.00	46.60 2.60 0.00	52.26 3.05 0.00	58.62 3.42 0.00	68.08 4.63 0.00	63.40 4.15 0.00	54.63 3.29 0.00	46.29 2.58 0.00	44.05 2.30 0.00
RAVENSWOOD_GT3_4 24251	44.30 2.07 0.00	44.00 2.02 0.00	42.06 1.81 0.00	41.12 1.92 0.00	42.43 1.98 0.00	45.00 2.14 0.00	63.86 3.84 0.00	70.33 4.91 0.00	56.22 3.13 0.00	47.25 2.67 0.00	45.16 2.44 0.00	43.21 2.45 0.00	43.24 2.25 0.00	44.18 2.14 0.00	43.94 2.21 0.00	44.91 2.34 0.00	46.60 2.60 0.00	52.26 3.05 0.00	58.62 3.42 0.00	68.08 4.63 0.00	63.40 4.15 0.00	54.63 3.29 0.00	46.29 2.58 0.00	44.05 2.30 0.00
RAVENSWOOD_GT_1 23729	46.18 2.28 -1.67	45.92 2.23 -1.71	44.16 2.01 -1.91	43.37 2.12 -2.06	44.55 2.14 -1.96	47.19 2.36 -1.98	64.10 4.08 0.00	70.66 5.23 0.00	62.36 3.40 -5.87	63.89 2.85 -16.46	63.47 2.65 -18.09	64.93 2.61 -21.56	65.77 2.46 -22.32	65.51 2.35 -21.12	65.53 2.42 -21.38	65.27 2.51 -20.19	65.86 2.82 -19.03	69.11 3.25 -16.66	61.61 3.70 -2.71	68.35 4.89 -0.01	64.23 4.38 -0.59	64.18 3.49 -9.34	50.78 2.80 -4.27	46.55 2.50 -2.30
RAVENSWOOD_GT_10 24258	44.25 2.03 0.00	43.96 1.97 0.00	41.98 1.73 0.00	41.08 1.88 0.00	42.34 1.90 0.00	44.88 2.06 0.04	63.80 3.78 0.00	70.26 4.84 0.00	55.66 3.03 0.46	45.86 2.59 1.30	43.70 2.39 1.42	41.42 2.36 1.71	41.38 2.17 1.78	42.41 2.06 1.68	42.15 2.13 1.70	43.22 2.26 1.61	45.04 2.55 1.52	51.22 2.95 0.94	58.42 3.37 0.14	67.96 4.51 0.00	63.25 4.03 0.03	54.06 3.18 0.47	45.99 2.49 0.21	43.92 2.21 0.05
RAVENSWOOD_GT_11 24259	44.25 2.03 0.00	43.96 1.97 0.00	41.98 1.73 0.00	41.08 1.88 0.00	42.34 1.90 0.00	44.88 2.06 0.04	63.80 3.78 0.00	70.26 4.84 0.00	55.66 3.03 0.46	45.86 2.59 1.30	43.70 2.39 1.42	41.42 2.36 1.71	41.38 2.17 1.78	42.41 2.06 1.68	42.15 2.13 1.70	43.22 2.26 1.61	45.04 2.55 1.52	51.22 2.95 0.94	58.42 3.37 0.14	67.96 4.51 0.00	63.25 4.03 0.03	54.06 3.18 0.47	45.99 2.49 0.21	43.92 2.21 0.05
RAVENSWOOD_GT_4 24252	45.47 1.98 -1.26	45.21 1.93 -1.29	43.42 1.73 -1.44	42.59 1.84 -1.55	43.79 1.86 -1.48	45.81 2.06 -0.89	63.74 3.72 0.00	70.20 4.78 0.00	53.60 3.03 2.51	39.99 2.59 7.17	37.24 2.35 7.84	33.60 2.32 9.49	33.21 2.17 9.95	34.67 2.06 9.43	34.31 2.13 9.54	35.77 2.21 9.02	38.01 2.51 8.51	50.55 2.90 1.56	58.42 3.31 0.09	67.96 4.51 -0.01	63.29 4.03 -0.01	54.47 3.13 0.01	46.16 2.45 -0.01	44.96 2.17 -1.04
RAVENSWOOD_GT_5 24254	45.47 1.98 -1.26	45.21 1.93 -1.29	43.42 1.73 -1.44	42.59 1.84 -1.55	43.79 1.86 -1.48	45.81 2.06 -0.89	63.74 3.72 0.00	70.20 4.78 0.00	53.60 3.03 2.51	39.99 2.59 7.17	37.24 2.35 7.84	33.60 2.32 9.49	33.21 2.17 9.95	34.67 2.06 9.43	34.31 2.13 9.54	35.77 2.21 9.02	38.01 2.51 8.51	50.55 2.90 1.56	58.42 3.31 0.09	67.96 4.51 -0.01	63.29 4.03 -0.01	54.47 3.13 0.01	46.16 2.45 -0.01	44.96 2.17 -1.04
RAVENSWOOD_GT_6 24253	45.47 1.98 -1.26	45.21 1.93 -1.29	43.42 1.73 -1.44	42.59 1.84 -1.55	43.79 1.86 -1.48	45.81 2.06 -0.89	63.74 3.72 0.00	70.20 4.78 0.00	53.60 3.03 2.51	39.99 2.59 7.17	37.24 2.35 7.84	33.60 2.32 9.49	33.21 2.17 9.95	34.67 2.06 9.43	34.31 2.13 9.54	35.77 2.21 9.02	38.01 2.51 8.51	50.55 2.90 1.56	58.42 3.31 0.09	67.96 4.51 -0.01	63.29 4.03 -0.01	54.47 3.13 0.01	46.16 2.45 -0.01	44.96 2.17 -1.04
RAVENSWOOD_GT_7 24255	45.47 1.98 -1.26	45.21 1.93 -1.29	43.42 1.73 -1.44	42.59 1.84 -1.55	43.79 1.86 -1.48	45.81 2.06 -0.89	63.74 3.72 0.00	70.20 4.78 0.00	53.60 3.03 2.51	39.99 2.59 7.17	37.24 2.35 7.84	33.60 2.32 9.49	33.21 2.17 9.95	34.67 2.06 9.43	34.31 2.13 9.54	35.77 2.21 9.02	38.01 2.51 8.51	50.55 2.90 1.56	58.42 3.31 0.09	67.96 4.51 -0.01	63.29 4.03 -0.01	54.47 3.13 0.01	46.16 2.45 -0.01	44.96 2.17 -1.04
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	44.25 2.03 0.00	43.96 1.97 0.00	41.98 1.73 0.00	41.08 1.88 0.00	42.34 1.90 0.00	44.88 2.06 0.04	63.80 3.78 0.00	70.26 4.84 0.00	55.66 3.03 0.46	45.86 2.59 1.30	43.70 2.39 1.42	41.42 2.36 1.71	41.38 2.17 1.78	42.41 2.06 1.68	42.15 2.13 1.70	43.22 2.26 1.61	45.04 2.55 1.52	51.22 2.95 0.94	58.42 3.37 0.14	67.96 4.51 0.00	63.25 4.03 0.03	54.06 3.18 0.47	45.99 2.49 0.21	43.92 2.21 0.05

RAVENSWOOD_GT_9 24257	44.25 2.03 0.00	43.96 1.97 0.00	41.98 1.73 0.00	41.08 1.88 0.00	42.34 1.90 0.00	44.88 2.06 0.04	63.80 3.78 0.00	70.26 4.84 0.00	55.66 3.03 0.46	45.86 2.59 1.30	43.70 2.39 1.42	41.42 2.36 1.71	41.38 2.17 1.78	42.41 2.06 1.68	42.15 2.13 1.70	43.22 2.26 1.61	45.04 2.55 1.52	51.22 2.95 0.94	58.42 3.37 0.14	67.96 4.51 0.00	63.25 4.03 0.03	54.06 3.18 0.47	45.99 2.49 0.21	43.92 2.21 0.05
RAVENSWOOD___1 23533	44.51 2.28 -0.01	44.17 2.18 -0.01	42.23 1.97 -0.01	41.20 2.00 -0.01	42.59 2.14 -0.01	45.57 2.31 -0.40	63.98 3.96 0.00	70.46 5.04 0.00	60.95 3.29 -4.56	60.21 2.76 -12.86	59.45 2.61 -14.11	60.21 2.53 -16.92	60.96 2.38 -17.60	60.96 2.27 -16.66	60.96 2.38 -16.86	60.96 2.47 -15.92	61.71 2.68 -15.02	61.70 3.20 -9.30	60.19 3.59 -1.41	68.27 4.82 0.00	63.87 4.32 -0.29	59.44 3.44 -4.65	48.54 2.71 -2.12	44.68 2.46 -0.47
RAVENSWOOD___2 23534	44.47 2.24 -0.01	44.17 2.18 -0.01	42.19 1.93 -0.01	41.20 2.00 -0.01	42.55 2.10 -0.01	45.53 2.27 -0.40	63.98 3.96 0.00	70.39 4.97 0.00	60.87 3.24 -4.54	60.11 2.72 -12.82	59.40 2.61 -14.06	60.11 2.49 -16.85	60.86 2.34 -17.53	60.86 2.23 -16.60	60.86 2.34 -16.80	60.86 2.43 -15.86	61.65 2.68 -14.96	61.67 3.20 -9.26	60.14 3.54 -1.40	68.27 4.82 0.00	63.87 4.32 -0.29	59.42 3.44 -4.63	48.53 2.71 -2.11	44.68 2.46 -0.46
RAVENSWOOD___3 23535	44.25 2.03 0.00	43.96 1.97 0.00	41.98 1.73 0.00	41.00 1.80 0.00	42.35 1.90 0.00	44.92 2.06 0.00	63.74 3.72 0.00	70.14 4.71 0.00	56.12 3.02 0.00	47.12 2.54 0.00	45.12 2.39 0.00	43.09 2.32 0.00	43.16 2.17 0.00	44.09 2.06 0.00	43.85 2.13 0.00	44.82 2.25 0.00	46.47 2.46 0.00	52.16 2.95 0.00	58.51 3.31 0.00	67.96 4.51 0.00	63.29 4.03 0.00	54.53 3.18 0.00	46.20 2.49 0.00	44.00 2.25 0.00
RAVENSWOOD___4 23820	42.84 2.24 1.63	42.50 2.18 1.67	40.32 1.93 1.86	39.15 1.96 2.01	40.63 2.10 1.91	43.98 2.27 1.15	63.92 3.90 0.00	70.39 4.97 0.00	59.58 3.24 -3.25	56.57 2.72 -9.27	55.43 2.56 -10.14	55.53 2.49 -12.28	56.20 2.34 -12.87	56.45 2.23 -12.19	56.40 2.34 -12.34	56.65 2.43 -11.66	57.65 2.64 -11.00	54.37 3.15 -2.02	58.85 3.54 -0.12	68.20 4.76 0.01	63.52 4.27 0.01	54.74 3.39 -0.01	46.41 2.71 0.01	42.83 2.42 1.34
RCPT_TRUST___DRP 24196	44.38 2.15 0.00	44.08 2.10 0.00	42.14 1.89 0.00	41.19 2.00 0.00	42.51 2.06 0.00	45.09 2.23 0.00	64.28 4.26 0.00	70.79 5.36 0.00	56.65 3.56 0.00	47.61 3.03 0.00	45.50 2.78 0.00	43.54 2.77 0.00	43.61 2.62 0.00	44.56 2.52 0.00	44.27 2.55 0.00	45.25 2.68 0.00	47.00 2.99 0.00	52.65 3.44 0.00	59.01 3.81 0.00	68.53 5.08 0.00	63.76 4.50 0.00	54.84 3.49 0.00	46.42 2.71 0.00	44.13 2.38 0.00
RED___ROCHESTER 323720	42.14 -0.08 0.00	41.48 -0.50 0.00	39.88 -0.36 0.00	38.57 -0.63 0.00	39.96 -0.48 0.00	42.43 -0.43 0.00	59.30 -0.72 0.00	64.18 -1.25 0.00	52.77 -0.32 0.00	44.35 -0.22 0.00	42.81 0.09 0.00	40.97 0.20 0.00	41.44 0.45 0.00	42.71 0.67 0.00	42.18 0.46 0.00	43.08 0.51 0.00	44.40 0.40 0.00	49.35 0.15 0.00	54.98 -0.22 0.00	62.88 -0.57 0.00	58.96 -0.29 0.00	51.14 -0.20 0.00	43.66 -0.04 0.00	41.62 -0.12 0.00
REGAN___SOLAR 323812	44.97 2.74 0.00	44.76 2.77 0.00	42.90 2.66 0.00	41.82 2.63 0.00	43.15 2.71 0.00	46.11 3.26 0.00	65.30 5.28 0.00	71.24 5.82 0.00	56.59 3.50 0.00	46.89 2.32 0.00	44.56 1.84 0.00	42.44 1.67 0.00	42.88 1.89 0.00	44.09 2.06 0.00	43.85 2.13 0.00	44.74 2.17 0.00	46.43 2.42 0.00	52.40 3.20 0.00	59.06 3.86 0.00	68.71 5.26 0.00	64.05 4.80 0.00	55.05 3.70 0.00	46.55 2.84 0.00	44.46 2.71 0.00
RENSSELAER___COGEN 23796	42.56 0.34 0.00	42.32 0.33 0.00	40.53 0.28 0.00	39.59 0.39 0.00	40.85 0.40 0.00	43.29 0.43 0.00	60.92 0.90 0.00	66.73 1.31 0.00	53.57 0.48 0.00	44.93 0.35 0.00	42.98 0.26 0.00	41.09 0.32 0.00	41.24 0.25 0.00	42.08 0.04 0.00	41.89 0.17 0.00	42.74 0.17 0.00	44.18 0.18 0.00	49.55 0.35 0.00	55.69 0.50 0.00	64.65 1.20 0.00	60.20 0.95 0.00	51.91 0.57 0.00	44.14 0.44 0.00	42.21 0.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.86 3.63 0.00	45.64 3.65 0.00	43.71 3.46 0.00	42.72 3.53 0.00	43.92 3.48 0.00	47.19 4.33 0.00	67.10 7.08 0.00	73.01 7.59 0.00	57.92 4.83 0.00	47.88 3.30 0.00	45.55 2.82 0.00	43.50 2.73 0.00	43.78 2.79 0.00	45.02 2.98 0.00	44.73 3.00 0.00	45.63 3.06 0.00	47.26 3.26 0.00	53.34 4.13 0.00	60.05 4.86 0.00	70.18 6.73 0.00	65.42 6.16 0.00	56.12 4.78 0.00	47.34 3.63 0.00	45.30 3.55 0.00
REVERE_CPFR_DRP 24186	43.75 1.52 0.00	43.54 1.55 0.00	41.74 1.49 0.00	40.53 1.33 0.00	41.90 1.46 0.00	44.57 1.71 0.00	62.78 2.76 0.00	68.10 2.68 0.00	54.90 1.81 0.00	45.87 1.29 0.00	44.14 1.41 0.00	41.99 1.22 0.00	42.34 1.35 0.00	43.59 1.56 0.00	43.23 1.50 0.00	44.10 1.53 0.00	45.46 1.45 0.00	50.88 1.67 0.00	57.13 1.93 0.00	65.93 2.47 0.00	61.51 2.25 0.00	53.04 1.69 0.00	45.06 1.35 0.00	43.04 1.29 0.00
REYNOLDS_115KV_TB3 80639	42.90 0.68 0.00	42.66 0.67 0.00	40.85 0.60 0.00	39.98 0.78 0.00	41.13 0.69 0.00	43.63 0.77 0.00	61.46 1.44 0.00	67.38 1.96 0.00	54.05 0.96 0.00	45.33 0.76 0.00	43.37 0.64 0.00	41.42 0.65 0.00	41.48 0.49 0.00	42.41 0.38 0.00	42.18 0.46 0.00	43.04 0.47 0.00	44.54 0.53 0.00	49.99 0.79 0.00	56.14 0.94 0.00	65.29 1.84 0.00	60.80 1.54 0.00	52.37 1.03 0.00	44.54 0.83 0.00	42.58 0.83 0.00
RIVERBAY____ 323610	44.52 2.28 -0.01	44.26 2.27 -0.01	42.31 2.05 -0.01	41.40 2.19 -0.01	42.64 2.18 -0.01	45.18 2.31 -0.01	64.04 4.02 0.00	70.52 5.10 0.00	56.38 3.29 0.01	47.33 2.76 0.01	45.24 2.52 0.01	43.24 2.49 0.01	43.28 2.30 0.01	44.21 2.19 0.01	43.97 2.25 0.01	44.94 2.38 0.01	46.77 2.77 0.01	52.30 3.10 0.01	58.72 3.53 0.01	68.21 4.76 0.00	63.45 4.21 0.01	54.78 3.44 0.01	46.47 2.75 -0.01	44.22 2.46 -0.01
RIVERSIDE_115KV_TB3 55908	42.78 0.55 0.00	42.53 0.55 0.00	40.73 0.48 0.00	39.86 0.67 0.00	41.01 0.57 0.00	43.54 0.69 0.00	61.28 1.26 0.00	67.12 1.70 0.00	53.83 0.74 0.00	45.16 0.58 0.00	43.20 0.47 0.00	41.30 0.53 0.00	41.40 0.41 0.00	42.29 0.25 0.00	42.06 0.33 0.00	42.95 0.38 0.00	44.45 0.44 0.00	49.85 0.64 0.00	55.97 0.77 0.00	65.04 1.59 0.00	60.56 1.30 0.00	52.17 0.82 0.00	44.41 0.70 0.00	42.42 0.67 0.00
ROARING___BROOK_WT_PWR 323790	42.06 -0.17 0.00	41.86 -0.13 0.00	40.13 -0.12 0.00	39.08 -0.12 0.00	40.28 -0.16 0.00	42.65 -0.21 0.00	59.36 -0.66 0.00	64.44 -0.98 0.00	52.61 -0.48 0.00	44.31 -0.27 0.00	42.47 -0.25 0.00	40.48 -0.28 0.00	40.70 -0.28 0.00	41.74 -0.29 0.00	41.39 -0.34 0.00	42.18 -0.38 0.00	43.57 -0.44 0.00	48.62 -0.59 0.00	54.48 -0.72 0.00	62.31 -1.14 0.00	58.13 -1.13 0.00	50.42 -0.92 0.00	42.88 -0.83 0.00	40.95 -0.79 0.00

ROCHESRG_115KV_T4 355643	41.72 -0.51 0.00	41.10 -0.88 0.00	39.44 -0.80 0.00	37.82 -1.37 0.00	39.56 -0.89 0.00	41.96 -0.90 0.00	58.52 -1.50 0.00	63.13 -2.29 0.00	52.03 -1.06 0.00	43.68 -0.89 0.00	42.34 -0.38 0.00	40.40 -0.37 0.00	40.91 -0.08 0.00	42.12 0.08 0.00	41.64 -0.08 0.00	42.48 -0.09 0.00	43.61 -0.40 0.00	48.66 -0.54 0.00	54.26 -0.94 0.00	61.93 -1.52 0.00	58.13 -1.13 0.00	50.53 -0.82 0.00	43.05 -0.66 0.00	41.21 -0.54 0.00
ROCHESTER_9_IC 23652	41.93 -0.30 0.00	41.31 -0.67 0.00	39.68 -0.56 0.00	38.02 -1.18 0.00	39.76 -0.69 0.00	42.17 -0.69 0.00	58.88 -1.14 0.00	63.52 -1.90 0.00	52.35 -0.74 0.00	43.95 -0.62 0.00	42.60 -0.13 0.00	40.64 -0.12 0.00	41.19 0.20 0.00	42.41 0.38 0.00	41.89 0.17 0.00	42.78 0.21 0.00	43.92 -0.09 0.00	49.01 -0.20 0.00	54.59 -0.61 0.00	62.31 -1.14 0.00	58.48 -0.77 0.00	50.83 -0.51 0.00	43.31 -0.39 0.00	41.46 -0.29 0.00
ROCKVIEW_13_KV_LD 356306	44.21 1.98 0.00	43.96 1.97 0.00	42.02 1.77 0.00	41.08 1.88 0.00	42.35 1.90 0.00	44.92 2.06 0.00	63.74 3.72 0.00	70.13 4.71 0.00	56.01 2.92 0.00	47.03 2.45 0.00	44.99 2.26 0.00	42.97 2.20 0.00	43.04 2.05 0.00	44.01 1.98 0.00	43.81 2.09 0.00	44.74 2.17 0.00	46.43 2.42 0.00	52.01 2.80 0.00	58.40 3.20 0.00	67.89 4.44 0.00	63.22 3.97 0.00	54.43 3.08 0.00	46.16 2.45 0.00	43.92 2.17 0.00
ROME____115KV_TB2 80656	43.75 1.52 0.00	43.54 1.55 0.00	41.74 1.49 0.00	40.53 1.33 0.00	41.90 1.46 0.00	44.57 1.71 0.00	62.78 2.76 0.00	68.10 2.68 0.00	54.90 1.81 0.00	45.87 1.29 0.00	44.14 1.41 0.00	41.99 1.22 0.00	42.34 1.35 0.00	43.59 1.56 0.00	43.23 1.50 0.00	44.10 1.53 0.00	45.46 1.45 0.00	50.88 1.67 0.00	57.13 1.93 0.00	65.93 2.47 0.00	61.51 2.25 0.00	53.04 1.69 0.00	45.06 1.35 0.00	43.04 1.29 0.00
ROSETON___1 23587	43.58 1.35 0.00	43.33 1.34 0.00	41.41 1.17 0.00	40.41 1.22 0.00	41.74 1.29 0.00	44.23 1.37 0.00	62.60 2.58 0.00	68.63 3.20 0.00	54.95 1.86 0.00	46.18 1.60 0.00	44.18 1.45 0.00	42.19 1.43 0.00	42.26 1.27 0.00	43.21 1.18 0.00	42.98 1.25 0.00	43.89 1.32 0.00	45.46 1.45 0.00	51.03 1.82 0.00	57.24 2.04 0.00	66.56 3.11 0.00	61.98 2.73 0.00	53.40 2.06 0.00	45.33 1.62 0.00	43.21 1.46 0.00
ROSETON___2 23588	43.58 1.35 0.00	43.33 1.34 0.00	41.41 1.17 0.00	40.41 1.22 0.00	41.74 1.29 0.00	44.23 1.37 0.00	62.60 2.58 0.00	68.63 3.20 0.00	54.95 1.86 0.00	46.18 1.60 0.00	44.18 1.45 0.00	42.19 1.43 0.00	42.26 1.27 0.00	43.21 1.18 0.00	42.98 1.25 0.00	43.89 1.32 0.00	45.46 1.45 0.00	51.03 1.82 0.00	57.24 2.04 0.00	66.56 3.11 0.00	61.98 2.73 0.00	53.40 2.06 0.00	45.33 1.62 0.00	43.21 1.46 0.00
ROTTRDAM_115KV_TB3 80664	43.24 1.01 0.00	43.03 1.05 0.00	41.21 0.97 0.00	40.25 1.06 0.00	41.46 1.01 0.00	44.02 1.16 0.00	62.06 2.04 0.00	67.78 2.36 0.00	54.47 1.38 0.00	45.60 1.03 0.00	43.62 0.90 0.00	41.62 0.86 0.00	41.77 0.78 0.00	42.79 0.76 0.00	42.56 0.83 0.00	43.42 0.85 0.00	44.98 0.97 0.00	50.44 1.23 0.00	56.63 1.44 0.00	65.67 2.22 0.00	61.21 1.96 0.00	52.84 1.49 0.00	44.84 1.14 0.00	42.83 1.09 0.00
RUSSELL___1 23602	42.14 -0.08 0.00	41.48 -0.50 0.00	39.84 -0.40 0.00	38.18 -1.02 0.00	39.92 -0.53 0.00	42.34 -0.51 0.00	59.12 -0.90 0.00	63.85 -1.57 0.00	52.61 -0.48 0.00	44.18 -0.40 0.00	42.81 0.09 0.00	40.85 0.08 0.00	41.44 0.45 0.00	42.67 0.63 0.00	42.14 0.42 0.00	43.04 0.47 0.00	44.18 0.18 0.00	49.30 0.10 0.00	54.92 -0.28 0.00	62.69 -0.76 0.00	58.84 -0.41 0.00	51.09 -0.26 0.00	43.53 -0.17 0.00	41.62 -0.13 0.00
RUSSELL___2 23532	42.14 -0.08 0.00	41.48 -0.50 0.00	39.84 -0.40 0.00	38.18 -1.02 0.00	39.92 -0.53 0.00	42.34 -0.51 0.00	59.12 -0.90 0.00	63.85 -1.57 0.00	52.61 -0.48 0.00	44.18 -0.40 0.00	42.81 0.09 0.00	40.85 0.08 0.00	41.44 0.45 0.00	42.67 0.63 0.00	42.14 0.42 0.00	43.04 0.47 0.00	44.18 0.18 0.00	49.30 0.10 0.00	54.92 -0.28 0.00	62.69 -0.76 0.00	58.84 -0.41 0.00	51.09 -0.26 0.00	43.53 -0.17 0.00	41.62 -0.13 0.00
RUSSELL___3 23549	42.14 -0.08 0.00	41.48 -0.50 0.00	39.84 -0.40 0.00	38.18 -1.02 0.00	39.92 -0.53 0.00	42.34 -0.51 0.00	59.12 -0.90 0.00	63.85 -1.57 0.00	52.61 -0.48 0.00	44.18 -0.40 0.00	42.81 0.09 0.00	40.85 0.08 0.00	41.44 0.45 0.00	42.67 0.63 0.00	42.14 0.42 0.00	43.04 0.47 0.00	44.18 0.18 0.00	49.30 0.10 0.00	54.92 -0.28 0.00	62.69 -0.76 0.00	58.84 -0.41 0.00	51.09 -0.26 0.00	43.53 -0.17 0.00	41.62 -0.13 0.00
RUSSELL___4 23556	42.14 -0.08 0.00	41.48 -0.50 0.00	39.84 -0.40 0.00	38.18 -1.02 0.00	39.92 -0.53 0.00	42.34 -0.51 0.00	59.12 -0.90 0.00	63.85 -1.57 0.00	52.61 -0.48 0.00	44.18 -0.40 0.00	42.81 0.09 0.00	40.85 0.08 0.00	41.44 0.45 0.00	42.67 0.63 0.00	42.14 0.42 0.00	43.04 0.47 0.00	44.18 0.18 0.00	49.30 0.10 0.00	54.92 -0.28 0.00	62.69 -0.76 0.00	58.84 -0.41 0.00	51.09 -0.26 0.00	43.53 -0.17 0.00	41.62 -0.13 0.00
RUSSELL___STATION 23914	42.14 -0.08 0.00	41.48 -0.50 0.00	39.84 -0.40 0.00	38.18 -1.02 0.00	39.92 -0.53 0.00	42.34 -0.51 0.00	59.12 -0.90 0.00	63.85 -1.57 0.00	52.61 -0.48 0.00	44.18 -0.40 0.00	42.81 0.09 0.00	40.85 0.08 0.00	41.44 0.45 0.00	42.67 0.63 0.00	42.14 0.42 0.00	43.04 0.47 0.00	44.18 0.18 0.00	49.30 0.10 0.00	54.92 -0.28 0.00	62.69 -0.76 0.00	58.84 -0.41 0.00	51.09 -0.26 0.00	43.53 -0.17 0.00	41.62 -0.13 0.00
S SALMON___HYD 24043	41.68 -0.55 0.00	41.40 -0.59 0.00	39.72 -0.52 0.00	38.61 -0.59 0.00	39.88 -0.57 0.00	42.39 -0.47 0.00	59.60 -0.42 0.00	64.70 -0.72 0.00	52.30 -0.79 0.00	43.78 -0.80 0.00	42.09 -0.64 0.00	40.07 -0.69 0.00	40.37 -0.61 0.00	41.53 -0.50 0.00	41.14 -0.58 0.00	42.01 -0.55 0.00	43.35 -0.66 0.00	48.47 -0.74 0.00	54.48 -0.72 0.00	62.88 -0.57 0.00	58.78 -0.48 0.00	50.68 -0.67 0.00	43.10 -0.61 0.00	41.08 -0.67 0.00
S.PERRY__115KV_TB1 80734	43.28 1.06 0.00	42.53 0.55 0.00	40.89 0.64 0.00	39.04 -0.16 0.00	40.89 0.44 0.00	43.50 0.64 0.00	60.86 0.84 0.00	65.29 -0.13 0.00	53.46 0.37 0.00	44.49 -0.09 0.00	42.98 0.26 0.00	40.81 0.04 0.00	41.32 0.33 0.00	42.62 0.59 0.00	42.14 0.42 0.00	43.12 0.55 0.00	44.40 0.40 0.00	49.94 0.74 0.00	55.97 0.77 0.00	64.21 0.76 0.00	60.38 1.13 0.00	52.27 0.92 0.00	44.49 0.79 0.00	42.54 0.79 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.21 -1.01 0.00	40.31 -1.68 0.00	38.64 -1.61 0.00	36.69 -2.51 0.00	38.75 -1.70 0.00	41.06 -1.80 0.00	56.72 -3.30 0.00	60.65 -4.78 0.00	50.54 -2.55 0.00	42.57 -2.01 0.00	41.57 -1.15 0.00	39.75 -1.02 0.00	40.46 -0.53 0.00	41.49 -0.55 0.00	40.93 -0.79 0.00	41.76 -0.81 0.00	42.69 -1.32 0.00	47.58 -1.62 0.00	52.66 -2.54 0.00	59.64 -3.81 0.00	56.41 -2.84 0.00	49.40 -1.95 0.00	42.13 -1.57 0.00	40.54 -1.21 0.00

SAWYER___23_KV_LOAD 55526	41.21 -1.01 0.00	40.31 -1.68 0.00	38.64 -1.61 0.00	36.69 -2.51 0.00	38.75 -1.70 0.00	41.06 -1.80 0.00	56.72 -3.30 0.00	60.65 -4.78 0.00	50.54 -2.55 0.00	42.57 -2.01 0.00	41.57 -1.15 0.00	39.75 -1.02 0.00	40.46 -0.53 0.00	41.49 -0.55 0.00	40.93 -0.79 0.00	41.76 -0.81 0.00	42.69 -1.32 0.00	47.58 -1.62 0.00	52.66 -2.54 0.00	59.64 -3.81 0.00	56.41 -2.84 0.00	49.40 -1.95 0.00	42.13 -1.57 0.00	40.54 -1.21 0.00
SELKIRK___I 23801	42.99 0.76 0.00	42.78 0.80 0.00	41.01 0.76 0.00	40.02 0.82 0.00	41.25 0.81 0.00	43.76 0.90 0.00	61.52 1.50 0.00	67.19 1.77 0.00	53.62 0.53 0.00	45.02 0.45 0.00	43.07 0.34 0.00	41.13 0.37 0.00	41.28 0.29 0.00	42.20 0.17 0.00	42.02 0.29 0.00	42.99 0.43 0.00	44.54 0.53 0.00	49.94 0.74 0.00	56.13 0.94 0.00	65.04 1.59 0.00	60.67 1.42 0.00	52.32 0.97 0.00	44.54 0.83 0.00	42.58 0.83 0.00
SELKIRK___II 23799	42.74 0.51 0.00	42.49 0.51 0.00	40.69 0.44 0.00	39.70 0.51 0.00	41.01 0.57 0.00	43.46 0.60 0.00	61.16 1.14 0.00	66.86 1.44 0.00	53.73 0.64 0.00	45.07 0.49 0.00	43.15 0.43 0.00	41.21 0.45 0.00	41.36 0.37 0.00	42.25 0.21 0.00	42.06 0.33 0.00	42.91 0.34 0.00	44.36 0.35 0.00	49.75 0.54 0.00	55.91 0.72 0.00	64.85 1.39 0.00	60.44 1.18 0.00	52.12 0.77 0.00	44.32 0.61 0.00	42.33 0.58 0.00
SENECA OSWGO___HYD 24041	41.55 -0.68 0.00	41.23 -0.75 0.00	39.52 -0.72 0.00	38.45 -0.75 0.00	39.72 -0.73 0.00	42.13 -0.73 0.00	59.18 -0.84 0.00	64.44 -0.98 0.00	52.30 -0.79 0.00	43.86 -0.71 0.00	42.13 -0.60 0.00	40.19 -0.57 0.00	40.45 -0.53 0.00	41.61 -0.42 0.00	41.23 -0.50 0.00	42.06 -0.51 0.00	43.43 -0.57 0.00	48.56 -0.64 0.00	54.42 -0.77 0.00	62.69 -0.76 0.00	58.55 -0.71 0.00	50.58 -0.77 0.00	43.01 -0.70 0.00	41.04 -0.71 0.00
SENECA___115KV_TB3 355854	41.72 -0.51 0.00	40.81 -1.18 0.00	39.12 -1.13 0.00	37.16 -2.04 0.00	39.27 -1.17 0.00	41.62 -1.24 0.00	57.56 -2.46 0.00	61.63 -3.79 0.00	51.29 -1.81 0.00	43.15 -1.43 0.00	42.09 -0.64 0.00	40.28 -0.49 0.00	41.03 0.04 0.00	42.08 0.04 0.00	41.47 -0.25 0.00	42.31 -0.26 0.00	43.26 -0.75 0.00	48.27 -0.93 0.00	53.43 -1.77 0.00	60.53 -2.92 0.00	57.24 -2.01 0.00	50.06 -1.28 0.00	42.62 -1.09 0.00	41.04 -0.71 0.00
SENECA___ENERGY 23797	42.23 0.00 0.00	41.78 -0.21 0.00	40.13 -0.12 0.00	38.92 -0.27 0.00	40.24 -0.20 0.00	42.77 -0.09 0.00	60.02 0.00 0.00	65.16 -0.26 0.00	53.04 -0.05 0.00	44.49 -0.09 0.00	42.77 0.04 0.00	40.81 0.04 0.00	41.11 0.12 0.00	42.33 0.30 0.00	41.89 0.17 0.00	42.78 0.21 0.00	44.18 0.18 0.00	49.35 0.15 0.00	55.14 -0.06 0.00	63.39 -0.06 0.00	59.31 0.06 0.00	51.30 -0.05 0.00	43.66 -0.04 0.00	41.71 -0.04 0.00
SHOEMAKER___GT 23640	43.37 1.14 0.00	43.12 1.13 0.00	41.29 1.04 0.00	40.25 1.06 0.00	41.58 1.13 0.00	44.02 1.16 0.00	62.24 2.22 0.00	68.04 2.62 0.00	54.58 1.48 0.00	45.82 1.25 0.00	43.88 1.15 0.00	41.87 1.10 0.00	41.97 0.98 0.00	42.96 0.92 0.00	42.72 1.00 0.00	43.63 1.06 0.00	45.20 1.19 0.00	50.63 1.43 0.00	56.85 1.65 0.00	65.99 2.54 0.00	61.45 2.19 0.00	52.94 1.59 0.00	44.98 1.27 0.00	42.96 1.21 0.00
SHOEMAKR_138KV_BK 111 55601	43.37 1.14 0.00	43.12 1.13 0.00	41.29 1.05 0.00	40.33 1.14 0.00	41.58 1.13 0.00	44.02 1.16 0.00	62.24 2.22 0.00	68.17 2.75 0.00	54.63 1.54 0.00	45.91 1.34 0.00	43.88 1.15 0.00	41.91 1.14 0.00	42.01 1.02 0.00	42.96 0.92 0.00	42.77 1.04 0.00	43.63 1.06 0.00	45.24 1.23 0.00	50.63 1.43 0.00	56.91 1.71 0.00	66.05 2.60 0.00	61.51 2.25 0.00	52.99 1.64 0.00	45.02 1.31 0.00	42.96 1.21 0.00
SHOREHAM_IC_1 23715	44.22 1.99 -0.01	44.60 2.60 -0.01	42.02 1.77 -0.01	40.96 1.77 0.00	43.04 2.59 -0.01	45.65 2.78 -0.01	65.59 5.34 -0.23	78.23 5.95 -6.85	55.48 2.39 0.00	46.14 1.56 0.00	44.44 1.71 0.00	42.56 1.79 0.00	41.19 0.21 0.00	42.50 0.46 0.00	43.03 1.29 -0.01	44.15 1.58 -0.01	45.91 1.89 -0.01	51.62 2.41 -0.01	57.69 2.49 -0.01	72.61 5.77 -3.39	63.53 4.27 -0.01	54.69 3.34 -0.01	50.03 2.84 -3.48	46.75 2.96 -2.03
SHOREHAM_IC_2 23716	44.22 1.99 -0.01	44.60 2.60 -0.01	42.02 1.77 -0.01	40.96 1.77 0.00	43.04 2.59 -0.01	45.65 2.78 -0.01	65.59 5.34 -0.23	78.23 5.95 -6.85	55.48 2.39 0.00	46.14 1.56 0.00	44.44 1.71 0.00	42.56 1.79 0.00	41.19 0.21 0.00	42.50 0.46 0.00	43.03 1.29 -0.01	44.15 1.58 -0.01	45.91 1.89 -0.01	51.62 2.41 -0.01	57.69 2.49 -0.01	72.61 5.77 -3.39	63.53 4.27 -0.01	54.69 3.34 -0.01	50.03 2.84 -3.48	46.75 2.96 -2.03
SISSONVILLE____ 23735	41.47 -0.76 0.00	41.44 -0.55 0.00	39.64 -0.60 0.00	38.65 -0.55 0.00	39.72 -0.73 0.00	42.22 -0.64 0.00	58.34 -1.68 0.00	62.81 -2.62 0.00	51.76 -1.33 0.00	43.64 -0.94 0.00	41.79 -0.94 0.00	39.71 -1.06 0.00	40.13 -0.86 0.00	41.28 -0.76 0.00	40.97 -0.75 0.00	41.67 -0.89 0.00	43.04 -0.97 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	60.79 -2.66 0.00	57.12 -2.13 0.00	49.81 -1.54 0.00	42.75 -0.96 0.00	40.87 -0.88 0.00
SITHE_IND_GS1 24169	41.30 -0.93 0.00	40.98 -1.01 0.00	39.32 -0.92 0.00	38.22 -0.98 0.00	39.47 -0.97 0.00	41.87 -0.98 0.00	58.70 -1.32 0.00	63.92 -1.50 0.00	51.92 -1.17 0.00	43.55 -1.02 0.00	41.83 -0.90 0.00	39.91 -0.86 0.00	40.17 -0.82 0.00	41.28 -0.76 0.00	40.89 -0.83 0.00	41.76 -0.81 0.00	43.13 -0.88 0.00	48.17 -1.04 0.00	53.98 -1.21 0.00	62.12 -1.34 0.00	58.07 -1.18 0.00	50.22 -1.13 0.00	42.75 -0.96 0.00	40.79 -0.96 0.00
SITHE_IND_GS2 24170	41.30 -0.93 0.00	40.98 -1.01 0.00	39.32 -0.92 0.00	38.22 -0.98 0.00	39.47 -0.97 0.00	41.87 -0.98 0.00	58.70 -1.32 0.00	63.92 -1.50 0.00	51.92 -1.17 0.00	43.55 -1.02 0.00	41.83 -0.90 0.00	39.91 -0.86 0.00	40.17 -0.82 0.00	41.28 -0.76 0.00	40.89 -0.83 0.00	41.76 -0.81 0.00	43.13 -0.88 0.00	48.17 -1.04 0.00	53.98 -1.21 0.00	62.12 -1.34 0.00	58.07 -1.18 0.00	50.22 -1.13 0.00	42.75 -0.96 0.00	40.79 -0.96 0.00
SITHE_IND_GS3 24171	41.30 -0.93 0.00	40.98 -1.01 0.00	39.32 -0.92 0.00	38.22 -0.98 0.00	39.47 -0.97 0.00	41.87 -0.98 0.00	58.70 -1.32 0.00	63.92 -1.50 0.00	51.92 -1.17 0.00	43.55 -1.02 0.00	41.83 -0.90 0.00	39.91 -0.86 0.00	40.17 -0.82 0.00	41.28 -0.76 0.00	40.89 -0.83 0.00	41.76 -0.81 0.00	43.13 -0.88 0.00	48.17 -1.04 0.00	53.98 -1.21 0.00	62.12 -1.34 0.00	58.07 -1.18 0.00	50.22 -1.13 0.00	42.75 -0.96 0.00	40.79 -0.96 0.00
SITHE_IND_GS4 24172	41.30 -0.93 0.00	40.98 -1.01 0.00	39.32 -0.92 0.00	38.22 -0.98 0.00	39.47 -0.97 0.00	41.87 -0.98 0.00	58.70 -1.32 0.00	63.92 -1.50 0.00	51.92 -1.17 0.00	43.55 -1.02 0.00	41.83 -0.90 0.00	39.91 -0.86 0.00	40.17 -0.82 0.00	41.28 -0.76 0.00	40.89 -0.83 0.00	41.76 -0.81 0.00	43.13 -0.88 0.00	48.17 -1.04 0.00	53.98 -1.21 0.00	62.12 -1.34 0.00	58.07 -1.18 0.00	50.22 -1.13 0.00	42.75 -0.96 0.00	40.79 -0.96 0.00

SITHE___BATAVIA 24024	42.06 -0.17 0.00	41.19 -0.80 0.00	39.68 -0.56 0.00	38.22 -0.98 0.00	39.72 -0.73 0.00	42.22 -0.64 0.00	58.76 -1.26 0.00	63.20 -2.22 0.00	52.24 -0.85 0.00	43.86 -0.71 0.00	42.43 -0.30 0.00	40.68 -0.08 0.00	41.24 0.25 0.00	42.50 0.46 0.00	41.85 0.13 0.00	42.74 0.17 0.00	44.05 0.04 0.00	48.91 -0.29 0.00	54.31 -0.89 0.00	61.99 -1.46 0.00	58.37 -0.89 0.00	50.83 -0.51 0.00	43.49 -0.22 0.00	41.50 -0.25 0.00
SITHE___INDEPEND 23800	41.30 -0.93 0.00	40.98 -1.01 0.00	39.28 -0.97 0.00	38.14 -1.06 0.00	39.47 -0.97 0.00	41.83 -1.03 0.00	58.70 -1.32 0.00	63.85 -1.57 0.00	51.87 -1.22 0.00	43.55 -1.03 0.00	41.83 -0.90 0.00	39.91 -0.86 0.00	40.17 -0.82 0.00	41.24 -0.80 0.00	40.89 -0.83 0.00	41.76 -0.81 0.00	43.08 -0.92 0.00	48.17 -1.03 0.00	53.98 -1.21 0.00	62.06 -1.40 0.00	58.01 -1.24 0.00	50.22 -1.13 0.00	42.70 -1.01 0.00	40.79 -0.96 0.00
SITHE___MASSENA 23902	42.44 0.21 0.00	42.36 0.38 0.00	40.53 0.28 0.00	39.51 0.31 0.00	40.61 0.16 0.00	43.07 0.22 0.00	59.48 -0.54 0.00	64.25 -1.18 0.00	52.99 -0.11 0.00	44.71 0.13 0.00	42.81 0.09 0.00	40.72 -0.04 0.00	41.11 0.12 0.00	42.25 0.21 0.00	41.93 0.21 0.00	42.70 0.13 0.00	44.14 0.13 0.00	48.96 -0.24 0.00	54.92 -0.27 0.00	62.31 -1.14 0.00	58.48 -0.77 0.00	51.04 -0.31 0.00	43.80 0.09 0.00	41.88 0.13 0.00
SITHE___OGDNSBRG 24021	42.73 0.51 0.00	42.70 0.71 0.00	40.85 0.60 0.00	39.82 0.63 0.00	40.93 0.49 0.00	43.54 0.69 0.00	60.08 0.06 0.00	64.64 -0.79 0.00	53.14 0.05 0.00	44.71 0.13 0.00	42.73 0.00 0.00	40.60 -0.16 0.00	41.03 0.04 0.00	42.16 0.13 0.00	41.89 0.17 0.00	42.61 0.04 0.00	44.10 0.09 0.00	48.96 -0.25 0.00	55.20 0.00 0.00	62.63 -0.82 0.00	58.84 -0.41 0.00	51.35 0.00 0.00	44.06 0.35 0.00	42.13 0.38 0.00
SITHE___STERLING 23777	43.41 1.18 0.00	43.16 1.17 0.00	41.37 1.13 0.00	40.25 1.06 0.00	41.54 1.09 0.00	44.19 1.33 0.00	62.18 2.16 0.00	67.58 2.16 0.00	54.53 1.43 0.00	45.60 1.03 0.00	43.80 1.07 0.00	41.74 0.98 0.00	42.05 1.06 0.00	43.25 1.22 0.00	42.85 1.13 0.00	43.76 1.19 0.00	45.20 1.19 0.00	50.58 1.38 0.00	56.74 1.54 0.00	65.48 2.03 0.00	61.15 1.90 0.00	52.73 1.39 0.00	44.84 1.13 0.00	42.79 1.04 0.00
SLEIGHT__34_KV_TB1 80719	41.89 -0.34 0.00	41.36 -0.63 0.00	39.72 -0.52 0.00	38.26 -0.94 0.00	39.84 -0.61 0.00	42.30 -0.56 0.00	59.30 -0.72 0.00	64.18 -1.24 0.00	52.67 -0.42 0.00	44.18 -0.40 0.00	42.64 -0.09 0.00	40.68 -0.08 0.00	41.15 0.16 0.00	42.41 0.38 0.00	41.93 0.21 0.00	42.78 0.21 0.00	44.01 0.00 0.00	49.11 -0.10 0.00	54.81 -0.39 0.00	62.75 -0.70 0.00	58.78 -0.47 0.00	50.88 -0.46 0.00	43.31 -0.39 0.00	41.37 -0.38 0.00
SOUTH CAIRO___GT 23612	43.79 1.56 0.00	43.54 1.55 0.00	41.69 1.45 0.00	40.76 1.57 0.00	41.98 1.54 0.00	44.62 1.76 0.00	63.14 3.12 0.00	68.69 3.27 0.00	55.43 2.34 0.00	46.00 1.43 0.00	43.84 1.11 0.00	41.70 0.94 0.00	41.85 0.86 0.00	42.75 0.71 0.00	42.56 0.83 0.00	43.25 0.68 0.00	44.89 0.88 0.00	50.53 1.33 0.00	56.96 1.77 0.00	66.37 2.92 0.00	61.80 2.55 0.00	52.99 1.64 0.00	45.06 1.35 0.00	43.13 1.38 0.00
SOUTH HAMPTN___IC 23720	44.60 2.36 -0.01	45.06 3.06 -0.01	42.55 2.29 -0.01	41.55 2.35 0.00	43.57 3.11 -0.01	46.25 3.39 -0.01	66.38 6.12 -0.23	79.00 6.74 -6.84	56.17 3.08 0.00	46.80 2.23 0.00	44.90 2.18 0.00	43.01 2.24 0.00	41.64 0.65 0.00	42.92 0.88 0.00	43.49 1.75 -0.01	44.62 2.04 -0.01	46.43 2.42 -0.01	52.22 3.00 -0.01	58.46 3.26 -0.01	73.24 6.41 -3.38	64.24 4.98 -0.01	55.26 3.90 -0.01	50.46 3.28 -3.48	47.16 3.38 -2.03
SOUTHDOWN_115KV_TB1 355954	43.07 0.84 0.00	42.07 0.08 0.00	40.33 0.08 0.00	38.37 -0.82 0.00	40.53 0.08 0.00	42.99 0.13 0.00	59.96 -0.06 0.00	64.51 -0.92 0.00	53.30 0.21 0.00	44.71 0.13 0.00	43.37 0.64 0.00	41.54 0.77 0.00	42.38 1.39 0.00	43.42 1.39 0.00	42.73 1.00 0.00	43.55 0.98 0.00	44.58 0.57 0.00	49.89 0.69 0.00	55.36 0.17 0.00	62.82 -0.63 0.00	59.31 0.06 0.00	51.76 0.41 0.00	43.88 0.17 0.00	42.17 0.42 0.00
SOUTHOLD_69_KV_BK 2 55809	44.85 2.62 -0.01	45.44 3.44 -0.01	43.07 2.82 -0.01	42.21 3.02 0.00	44.17 3.72 -0.01	46.98 4.11 -0.01	67.76 7.50 -0.23	80.70 8.44 -6.84	57.60 4.51 0.00	48.14 3.57 0.00	45.80 3.08 0.00	43.82 3.06 0.00	42.38 1.39 0.00	43.63 1.60 0.00	43.94 2.21 -0.01	45.09 2.51 -0.01	47.14 3.12 -0.01	53.05 3.84 -0.01	59.57 4.36 -0.01	74.45 7.61 -3.38	65.49 6.22 -0.01	56.13 4.78 -0.01	51.03 3.85 -3.48	47.62 3.84 -2.03
SOUTHOLD___IC 23719	44.85 2.62 -0.01	45.44 3.44 -0.01	43.07 2.82 -0.01	42.14 2.94 0.00	44.17 3.72 -0.01	46.98 4.11 -0.01	67.39 7.14 -0.23	80.11 7.85 -6.84	56.97 3.87 0.00	47.43 2.86 0.00	45.33 2.61 0.00	43.33 2.57 0.00	41.89 0.90 0.00	43.13 1.09 0.00	43.65 1.92 -0.01	44.87 2.30 -0.01	46.83 2.82 -0.01	52.76 3.54 -0.01	59.18 3.98 -0.01	74.06 7.23 -3.38	65.01 5.75 -0.01	55.82 4.46 -0.01	50.86 3.67 -3.48	47.62 3.84 -2.03
SOUTH_FORK_WT_PWR 323839	44.56 2.32 -0.01	45.31 3.32 -0.01	43.03 2.77 -0.01	42.14 2.94 0.00	44.22 3.76 -0.01	47.07 4.20 -0.01	67.51 7.26 -0.23	80.18 7.91 -6.84	56.97 3.87 0.00	47.39 2.81 0.00	45.20 2.48 0.00	43.21 2.45 0.00	41.68 0.70 0.00	42.88 0.84 0.00	43.36 1.63 -0.01	44.62 2.04 -0.01	46.61 2.60 -0.01	52.51 3.30 -0.01	58.96 3.76 -0.01	73.88 7.04 -3.38	64.78 5.51 -0.01	55.62 4.26 -0.01	50.64 3.45 -3.48	47.45 3.67 -2.03
SPIERFLS_115KV_TB 1 80737	44.38 2.15 0.00	44.17 2.18 0.00	42.30 2.05 0.00	41.35 2.16 0.00	42.55 2.10 0.00	45.43 2.57 0.00	64.34 4.32 0.00	70.33 4.91 0.00	56.17 3.08 0.00	46.76 2.18 0.00	44.61 1.88 0.00	42.60 1.83 0.00	42.83 1.84 0.00	43.97 1.93 0.00	43.60 1.88 0.00	44.53 1.96 0.00	46.08 2.07 0.00	51.76 2.56 0.00	58.12 2.93 0.00	67.58 4.12 0.00	62.99 3.73 0.00	54.27 2.93 0.00	45.94 2.23 0.00	43.92 2.17 0.00
ST LAWRENCE____ 23600	41.97 -0.25 0.00	41.82 -0.17 0.00	40.05 -0.20 0.00	39.04 -0.16 0.00	40.20 -0.24 0.00	42.60 -0.26 0.00	59.06 -0.96 0.00	64.05 -1.38 0.00	52.66 -0.43 0.00	44.31 -0.27 0.00	42.43 -0.30 0.00	40.40 -0.37 0.00	40.70 -0.28 0.00	41.78 -0.25 0.00	41.48 -0.25 0.00	42.27 -0.30 0.00	43.70 -0.31 0.00	48.71 -0.49 0.00	54.65 -0.55 0.00	62.12 -1.34 0.00	58.19 -1.06 0.00	50.78 -0.56 0.00	43.36 -0.35 0.00	41.46 -0.29 0.00
STATE_CA_115KV_115_LB 55624	42.78 0.55 0.00	42.53 0.55 0.00	40.73 0.48 0.00	39.90 0.71 0.00	41.05 0.61 0.00	43.54 0.69 0.00	61.34 1.32 0.00	67.19 1.77 0.00	53.83 0.74 0.00	45.16 0.58 0.00	43.20 0.47 0.00	41.30 0.53 0.00	41.44 0.45 0.00	42.33 0.29 0.00	42.14 0.42 0.00	42.99 0.43 0.00	44.49 0.48 0.00	49.85 0.64 0.00	55.97 0.77 0.00	65.04 1.59 0.00	60.56 1.30 0.00	52.17 0.82 0.00	44.36 0.66 0.00	42.42 0.67 0.00

STATE_ST_34_KV_LOAD 55959	42.44 0.21 0.00	42.07 0.08 0.00	40.33 0.08 0.00	39.08 -0.12 0.00	40.49 0.04 0.00	43.03 0.17 0.00	60.38 0.36 0.00	65.62 0.20 0.00	53.41 0.32 0.00	44.71 0.13 0.00	42.98 0.26 0.00	41.01 0.24 0.00	41.32 0.33 0.00	42.54 0.50 0.00	42.14 0.42 0.00	42.99 0.43 0.00	44.40 0.40 0.00	49.65 0.44 0.00	55.58 0.39 0.00	63.96 0.51 0.00	59.79 0.53 0.00	51.66 0.31 0.00	43.88 0.17 0.00	41.92 0.17 0.00
STATION 5_MISC_HYD 23604	41.93 -0.29 0.00	41.31 -0.67 0.00	39.72 -0.52 0.00	38.41 -0.78 0.00	39.80 -0.65 0.00	42.26 -0.60 0.00	59.06 -0.96 0.00	63.85 -1.57 0.00	52.46 -0.63 0.00	44.13 -0.45 0.00	42.60 -0.13 0.00	40.77 0.00 0.00	41.19 0.21 0.00	42.46 0.42 0.00	41.93 0.21 0.00	42.83 0.26 0.00	44.14 0.13 0.00	49.06 -0.15 0.00	54.65 -0.55 0.00	62.50 -0.95 0.00	58.66 -0.59 0.00	50.88 -0.46 0.00	43.45 -0.26 0.00	41.46 -0.29 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.18 -0.04 0.00	41.65 -0.34 0.00	40.00 -0.24 0.00	38.49 -0.71 0.00	40.12 -0.32 0.00	42.60 -0.26 0.00	59.66 -0.36 0.00	64.57 -0.85 0.00	52.93 -0.16 0.00	44.40 -0.18 0.00	42.86 0.13 0.00	40.85 0.08 0.00	41.32 0.33 0.00	42.58 0.55 0.00	42.10 0.38 0.00	42.95 0.38 0.00	44.23 0.22 0.00	49.40 0.20 0.00	55.09 -0.11 0.00	63.07 -0.38 0.00	59.08 -0.18 0.00	51.19 -0.15 0.00	43.58 -0.13 0.00	41.67 -0.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.72 -0.51 0.00	41.10 -0.88 0.00	39.48 -0.76 0.00	37.86 -1.33 0.00	39.60 -0.85 0.00	42.00 -0.86 0.00	58.64 -1.38 0.00	63.33 -2.09 0.00	52.19 -0.90 0.00	43.82 -0.76 0.00	42.43 -0.30 0.00	40.48 -0.29 0.00	40.99 0.00 0.00	42.24 0.21 0.00	41.72 0.00 0.00	42.61 0.04 0.00	43.74 -0.26 0.00	48.81 -0.39 0.00	54.37 -0.83 0.00	62.12 -1.33 0.00	58.31 -0.95 0.00	50.58 -0.77 0.00	43.14 -0.57 0.00	41.25 -0.50 0.00
STA_56___34_KV_BUS2 355983	41.72 -0.51 0.00	41.10 -0.88 0.00	39.48 -0.76 0.00	37.86 -1.33 0.00	39.60 -0.85 0.00	42.00 -0.86 0.00	58.64 -1.38 0.00	63.33 -2.09 0.00	52.19 -0.90 0.00	43.82 -0.76 0.00	42.43 -0.30 0.00	40.48 -0.29 0.00	40.99 0.00 0.00	42.24 0.21 0.00	41.72 0.00 0.00	42.61 0.04 0.00	43.74 -0.26 0.00	48.81 -0.39 0.00	54.37 -0.83 0.00	62.12 -1.33 0.00	58.31 -0.95 0.00	50.58 -0.77 0.00	43.14 -0.57 0.00	41.25 -0.50 0.00
STA_67___115KV_BK2 355882	41.85 -0.38 0.00	41.23 -0.76 0.00	39.56 -0.68 0.00	37.94 -1.25 0.00	39.68 -0.77 0.00	42.09 -0.77 0.00	58.70 -1.32 0.00	63.39 -2.03 0.00	52.24 -0.85 0.00	43.86 -0.71 0.00	42.47 -0.26 0.00	40.56 -0.20 0.00	41.07 0.08 0.00	42.29 0.25 0.00	41.81 0.08 0.00	42.65 0.09 0.00	43.79 -0.22 0.00	48.86 -0.34 0.00	54.42 -0.77 0.00	62.18 -1.27 0.00	58.37 -0.89 0.00	50.68 -0.67 0.00	43.23 -0.48 0.00	41.33 -0.42 0.00
STA_7___115KV_9TRANS 80674	42.14 -0.08 0.00	41.48 -0.50 0.00	39.84 -0.40 0.00	38.18 -1.02 0.00	39.92 -0.53 0.00	42.34 -0.51 0.00	59.12 -0.90 0.00	63.85 -1.57 0.00	52.61 -0.48 0.00	44.18 -0.40 0.00	42.81 0.09 0.00	40.85 0.08 0.00	41.44 0.45 0.00	42.67 0.63 0.00	42.14 0.42 0.00	43.04 0.47 0.00	44.18 0.18 0.00	49.30 0.10 0.00	54.92 -0.28 0.00	62.69 -0.76 0.00	58.84 -0.41 0.00	51.09 -0.26 0.00	43.53 -0.17 0.00	41.62 -0.13 0.00
STA_82___115KV_TB1 80780	41.85 -0.38 0.00	41.23 -0.76 0.00	39.60 -0.64 0.00	37.94 -1.25 0.00	39.68 -0.77 0.00	42.09 -0.77 0.00	58.70 -1.32 0.00	63.39 -2.03 0.00	52.24 -0.85 0.00	43.86 -0.71 0.00	42.47 -0.26 0.00	40.56 -0.20 0.00	41.07 0.08 0.00	42.29 0.25 0.00	41.81 0.08 0.00	42.65 0.09 0.00	43.79 -0.22 0.00	48.86 -0.34 0.00	54.42 -0.77 0.00	62.18 -1.27 0.00	58.37 -0.89 0.00	50.68 -0.67 0.00	43.23 -0.48 0.00	41.33 -0.42 0.00
STEEL___WIND 323596	41.68 -0.55 0.00	40.77 -1.22 0.00	39.20 -1.05 0.00	37.79 -1.41 0.00	39.31 -1.13 0.00	41.74 -1.11 0.00	57.86 -2.16 0.00	62.15 -3.27 0.00	51.45 -1.65 0.00	43.42 -1.16 0.00	42.04 -0.69 0.00	40.44 -0.33 0.00	40.95 -0.04 0.00	42.08 0.04 0.00	41.43 -0.29 0.00	42.36 -0.21 0.00	43.57 -0.44 0.00	48.27 -0.94 0.00	53.43 -1.77 0.00	60.79 -2.66 0.00	57.42 -1.84 0.00	50.07 -1.28 0.00	42.83 -0.87 0.00	41.00 -0.75 0.00
STEPHTWN_115KV_BK_2 55603	43.07 0.84 0.00	42.82 0.84 0.00	41.01 0.76 0.00	40.18 0.98 0.00	41.29 0.85 0.00	43.93 1.07 0.00	61.88 1.86 0.00	67.71 2.29 0.00	54.26 1.17 0.00	45.47 0.89 0.00	43.45 0.73 0.00	41.54 0.77 0.00	41.69 0.70 0.00	42.62 0.59 0.00	42.39 0.67 0.00	43.29 0.72 0.00	44.80 0.79 0.00	50.24 1.03 0.00	56.41 1.21 0.00	65.55 2.09 0.00	61.03 1.78 0.00	52.58 1.23 0.00	44.67 0.96 0.00	42.67 0.92 0.00
STEUBEN_REC_LFGE 323667	42.99 0.76 0.00	42.19 0.21 0.00	40.37 0.12 0.00	38.61 -0.59 0.00	40.36 -0.08 0.00	42.99 0.13 0.00	60.08 0.06 0.00	64.44 -0.98 0.00	52.99 -0.11 0.00	44.26 -0.31 0.00	42.77 0.04 0.00	40.68 -0.08 0.00	41.15 0.16 0.00	42.41 0.38 0.00	41.89 0.17 0.00	42.82 0.26 0.00	44.01 0.00 0.00	49.30 0.10 0.00	54.98 -0.22 0.00	62.82 -0.63 0.00	59.08 -0.18 0.00	51.09 -0.26 0.00	43.49 -0.22 0.00	41.62 -0.13 0.00
STILLWATER___SOLAR 323814	43.96 1.73 0.00	43.75 1.76 0.00	41.90 1.65 0.00	40.88 1.68 0.00	42.14 1.70 0.00	44.87 2.01 0.00	63.44 3.42 0.00	69.28 3.86 0.00	55.48 2.39 0.00	46.27 1.69 0.00	44.22 1.49 0.00	42.23 1.47 0.00	42.42 1.43 0.00	43.46 1.43 0.00	43.22 1.50 0.00	44.10 1.53 0.00	45.64 1.63 0.00	51.27 2.07 0.00	57.62 2.43 0.00	66.94 3.49 0.00	62.39 3.14 0.00	53.76 2.41 0.00	45.59 1.88 0.00	43.58 1.83 0.00
STONY___BROOK 24151	44.90 2.66 -0.01	44.89 2.89 -0.01	42.63 2.37 -0.01	41.55 2.35 0.00	43.28 2.83 -0.01	45.91 3.04 -0.01	65.30 5.04 -0.24	77.79 5.50 -6.87	55.85 2.76 0.00	46.85 2.27 0.00	44.86 2.14 0.00	42.97 2.20 0.00	42.01 1.03 0.00	43.29 1.26 0.00	43.86 2.13 -0.01	44.96 2.38 -0.01	46.70 2.68 -0.01	52.27 3.05 -0.01	58.52 3.31 -0.01	72.11 5.26 -3.40	63.83 4.56 -0.01	55.00 3.65 -0.01	50.35 3.15 -3.49	46.96 3.17 -2.04
STURGEON_POOL_HYD 23609	43.66 1.44 0.00	43.41 1.43 0.00	41.53 1.29 0.00	40.57 1.37 0.00	41.86 1.42 0.00	44.27 1.41 0.00	62.78 2.76 0.00	68.82 3.40 0.00	55.06 1.96 0.00	46.18 1.60 0.00	44.18 1.45 0.00	42.15 1.39 0.00	42.22 1.23 0.00	43.17 1.13 0.00	42.98 1.25 0.00	43.89 1.32 0.00	45.55 1.54 0.00	51.03 1.82 0.00	57.29 2.10 0.00	66.62 3.17 0.00	62.04 2.78 0.00	53.35 2.00 0.00	45.32 1.62 0.00	43.21 1.46 0.00
ST_LAW_115_BK7_LBMP 345037	41.97 -0.25 0.00	41.82 -0.17 0.00	40.05 -0.20 0.00	39.04 -0.16 0.00	40.16 -0.28 0.00	42.60 -0.26 0.00	59.00 -1.02 0.00	63.92 -1.50 0.00	52.61 -0.48 0.00	44.27 -0.31 0.00	42.38 -0.34 0.00	40.36 -0.41 0.00	40.70 -0.28 0.00	41.78 -0.25 0.00	41.48 -0.25 0.00	42.23 -0.34 0.00	43.70 -0.31 0.00	48.67 -0.54 0.00	54.59 -0.61 0.00	61.99 -1.46 0.00	58.07 -1.18 0.00	50.68 -0.67 0.00	43.36 -0.35 0.00	41.46 -0.29 0.00

ST_LAW_115_BK8_LBMP 345038	41.97 -0.25 0.00	41.82 -0.17 0.00	40.05 -0.20 0.00	39.04 -0.16 0.00	40.16 -0.28 0.00	42.60 -0.26 0.00	59.00 -1.02 0.00	63.92 -1.50 0.00	52.61 -0.48 0.00	44.27 -0.31 0.00	42.38 -0.34 0.00	40.36 -0.41 0.00	40.70 -0.28 0.00	41.78 -0.25 0.00	41.48 -0.25 0.00	42.23 -0.34 0.00	43.70 -0.31 0.00	48.67 -0.54 0.00	54.59 -0.61 0.00	61.99 -1.46 0.00	58.07 -1.18 0.00	50.68 -0.67 0.00	43.36 -0.35 0.00	41.46 -0.29 0.00
ST_LAW_230_BK5_LBMP 345035	41.97 -0.25 0.00	41.82 -0.17 0.00	40.05 -0.20 0.00	39.04 -0.16 0.00	40.20 -0.24 0.00	42.60 -0.26 0.00	59.06 -0.96 0.00	64.05 -1.38 0.00	52.66 -0.43 0.00	44.31 -0.27 0.00	42.43 -0.30 0.00	40.40 -0.37 0.00	40.70 -0.28 0.00	41.78 -0.25 0.00	41.48 -0.25 0.00	42.27 -0.30 0.00	43.70 -0.31 0.00	48.71 -0.49 0.00	54.65 -0.55 0.00	62.12 -1.34 0.00	58.19 -1.06 0.00	50.78 -0.56 0.00	43.36 -0.35 0.00	41.46 -0.29 0.00
ST_LAW_230_BK6_LBMP 345036	41.97 -0.25 0.00	41.82 -0.17 0.00	40.05 -0.20 0.00	39.04 -0.16 0.00	40.20 -0.24 0.00	42.60 -0.26 0.00	59.06 -0.96 0.00	64.05 -1.38 0.00	52.66 -0.43 0.00	44.31 -0.27 0.00	42.43 -0.30 0.00	40.40 -0.37 0.00	40.70 -0.28 0.00	41.78 -0.25 0.00	41.48 -0.25 0.00	42.27 -0.30 0.00	43.70 -0.31 0.00	48.71 -0.49 0.00	54.65 -0.55 0.00	62.12 -1.34 0.00	58.19 -1.06 0.00	50.78 -0.56 0.00	43.36 -0.35 0.00	41.46 -0.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.45 1.22 0.00	43.20 1.22 0.00	41.37 1.13 0.00	40.45 1.25 0.00	41.66 1.21 0.00	44.14 1.29 0.00	62.48 2.46 0.00	68.56 3.14 0.00	54.84 1.75 0.00	46.09 1.52 0.00	44.09 1.37 0.00	42.11 1.35 0.00	42.18 1.19 0.00	43.13 1.09 0.00	42.89 1.17 0.00	43.80 1.23 0.00	45.42 1.41 0.00	50.88 1.67 0.00	57.13 1.93 0.00	66.37 2.92 0.00	61.80 2.55 0.00	53.20 1.85 0.00	45.19 1.49 0.00	43.09 1.34 0.00
SWANROAD_115KV_TB1 355699	40.37 -1.86 0.00	39.47 -2.52 0.00	37.83 -2.41 0.00	35.86 -3.33 0.00	37.94 -2.51 0.00	40.20 -2.66 0.00	55.40 -4.62 0.00	59.14 -6.28 0.00	49.38 -3.72 0.00	41.59 -2.99 0.00	40.68 -2.05 0.00	38.85 -1.92 0.00	39.51 -1.48 0.00	40.61 -1.43 0.00	40.06 -1.67 0.00	40.87 -1.70 0.00	41.72 -2.29 0.00	46.50 -2.71 0.00	51.44 -3.75 0.00	58.25 -5.20 0.00	55.17 -4.09 0.00	48.32 -3.03 0.00	41.30 -2.40 0.00	39.75 -2.00 0.00
SYNERGY___BIOGAS 323694	42.06 -0.17 0.00	41.19 -0.80 0.00	39.56 -0.68 0.00	37.59 -1.61 0.00	39.68 -0.77 0.00	42.09 -0.77 0.00	58.46 -1.56 0.00	62.67 -2.75 0.00	52.03 -1.06 0.00	43.60 -0.98 0.00	42.43 -0.30 0.00	40.52 -0.24 0.00	41.19 0.20 0.00	42.46 0.42 0.00	41.85 0.13 0.00	42.70 0.13 0.00	43.74 -0.26 0.00	48.81 -0.39 0.00	54.26 -0.94 0.00	61.67 -1.78 0.00	58.13 -1.13 0.00	50.73 -0.62 0.00	43.27 -0.44 0.00	41.50 -0.25 0.00
SYRACUSE___ENERGY_ST1 323597	42.23 0.00 0.00	41.90 -0.08 0.00	40.21 -0.04 0.00	39.00 -0.20 0.00	40.36 -0.08 0.00	42.82 -0.04 0.00	60.14 0.12 0.00	65.42 0.00 0.00	53.14 0.05 0.00	44.62 0.04 0.00	42.86 0.13 0.00	40.89 0.12 0.00	41.19 0.20 0.00	42.37 0.34 0.00	41.97 0.25 0.00	42.87 0.30 0.00	44.23 0.22 0.00	49.40 0.20 0.00	55.36 0.17 0.00	63.64 0.19 0.00	59.49 0.24 0.00	51.40 0.05 0.00	43.71 0.00 0.00	41.75 0.00 0.00
SYRACUSE___ENERGY_ST2 323598	42.23 0.00 0.00	41.90 -0.08 0.00	40.21 -0.04 0.00	39.00 -0.20 0.00	40.36 -0.08 0.00	42.82 -0.04 0.00	60.14 0.12 0.00	65.42 0.00 0.00	53.14 0.05 0.00	44.62 0.04 0.00	42.86 0.13 0.00	40.89 0.12 0.00	41.19 0.20 0.00	42.37 0.34 0.00	41.97 0.25 0.00	42.87 0.30 0.00	44.23 0.22 0.00	49.40 0.20 0.00	55.36 0.17 0.00	63.64 0.19 0.00	59.49 0.24 0.00	51.40 0.05 0.00	43.71 0.00 0.00	41.75 0.00 0.00
SYRACUSE___POWER 24017	42.14 -0.08 0.00	41.82 -0.17 0.00	40.09 -0.16 0.00	38.92 -0.27 0.00	40.28 -0.16 0.00	42.73 -0.13 0.00	60.02 0.00 0.00	65.36 -0.07 0.00	53.09 0.00 0.00	44.53 -0.04 0.00	42.77 0.04 0.00	40.81 0.04 0.00	41.11 0.12 0.00	42.24 0.21 0.00	41.85 0.13 0.00	42.74 0.17 0.00	44.10 0.09 0.00	49.30 0.10 0.00	55.25 0.06 0.00	63.58 0.13 0.00	59.43 0.18 0.00	51.30 -0.05 0.00	43.62 -0.09 0.00	41.67 -0.08 0.00
TALLMAN___138KV_BK151 55660	43.62 1.39 0.00	43.37 1.39 0.00	41.49 1.25 0.00	40.61 1.41 0.00	41.82 1.38 0.00	44.32 1.46 0.00	62.72 2.70 0.00	68.89 3.47 0.00	55.11 2.02 0.00	46.31 1.74 0.00	44.31 1.58 0.00	42.36 1.59 0.00	42.42 1.43 0.00	43.34 1.30 0.00	43.10 1.38 0.00	44.02 1.45 0.00	45.68 1.67 0.00	51.12 1.92 0.00	57.40 2.21 0.00	66.69 3.24 0.00	62.10 2.84 0.00	53.45 2.11 0.00	45.41 1.70 0.00	43.29 1.54 0.00
TEALLAVE_115KV_TB7 355573	42.02 -0.21 0.00	41.69 -0.29 0.00	39.96 -0.28 0.00	38.80 -0.39 0.00	40.16 -0.28 0.00	42.60 -0.26 0.00	59.84 -0.18 0.00	65.09 -0.33 0.00	52.93 -0.16 0.00	44.40 -0.18 0.00	42.68 -0.04 0.00	40.72 -0.04 0.00	41.03 0.04 0.00	42.16 0.13 0.00	41.77 0.04 0.00	42.65 0.09 0.00	44.01 0.00 0.00	49.16 -0.05 0.00	55.09 -0.11 0.00	63.39 -0.06 0.00	59.20 -0.06 0.00	51.14 -0.21 0.00	43.49 -0.22 0.00	41.54 -0.21 0.00
TELGRAPH_34_KV_EAST 80808	41.34 -0.89 0.00	40.47 -1.51 0.00	38.84 -1.41 0.00	36.88 -2.31 0.00	38.95 -1.50 0.00	41.27 -1.59 0.00	57.20 -2.82 0.00	61.17 -4.25 0.00	50.97 -2.12 0.00	42.79 -1.78 0.00	41.74 -0.98 0.00	39.87 -0.90 0.00	40.58 -0.41 0.00	41.70 -0.34 0.00	41.14 -0.58 0.00	41.97 -0.60 0.00	42.91 -1.10 0.00	47.88 -1.33 0.00	53.10 -2.10 0.00	60.22 -3.24 0.00	56.88 -2.37 0.00	49.70 -1.64 0.00	42.44 -1.27 0.00	40.75 -1.00 0.00
TEMPLE___115KV_TB 2 55572	42.06 -0.17 0.00	41.69 -0.29 0.00	40.00 -0.24 0.00	38.80 -0.39 0.00	40.16 -0.28 0.00	42.60 -0.26 0.00	59.90 -0.12 0.00	65.16 -0.26 0.00	52.93 -0.16 0.00	44.44 -0.13 0.00	42.73 0.00 0.00	40.77 0.00 0.00	41.07 0.08 0.00	42.20 0.17 0.00	41.81 0.08 0.00	42.70 0.13 0.00	44.05 0.04 0.00	49.21 0.00 0.00	55.09 -0.11 0.00	63.39 -0.06 0.00	59.25 0.00 0.00	51.19 -0.15 0.00	43.53 -0.17 0.00	41.58 -0.17 0.00
TIANA____69_KV_BK 1 55817	44.60 2.36 -0.01	44.97 2.98 -0.01	42.47 2.21 -0.01	41.51 2.31 0.00	43.45 2.99 -0.01	46.13 3.26 -0.01	66.50 6.24 -0.23	79.39 7.13 -6.84	56.70 3.61 0.00	47.38 2.81 0.00	45.29 2.56 0.00	43.41 2.65 0.00	42.10 1.11 0.00	43.38 1.35 0.00	43.74 2.00 -0.01	44.83 2.26 -0.01	46.70 2.68 -0.01	52.46 3.25 -0.01	58.74 3.53 -0.01	73.50 6.66 -3.38	64.66 5.39 -0.01	55.52 4.16 -0.01	50.59 3.41 -3.48	47.08 3.30 -2.03
TILDEN___115KV_TB1 80814	42.14 -0.08 0.00	41.82 -0.17 0.00	40.09 -0.16 0.00	38.92 -0.27 0.00	40.28 -0.16 0.00	42.73 -0.13 0.00	60.02 0.00 0.00	65.36 -0.07 0.00	53.09 0.00 0.00	44.53 -0.04 0.00	42.77 0.04 0.00	40.81 0.04 0.00	41.11 0.12 0.00	42.24 0.21 0.00	41.85 0.13 0.00	42.74 0.17 0.00	44.10 0.09 0.00	49.30 0.10 0.00	55.25 0.06 0.00	63.58 0.13 0.00	59.43 0.18 0.00	51.30 -0.05 0.00	43.62 -0.09 0.00	41.67 -0.08 0.00

TRIGEN___CC 323695	44.44 2.20 -0.02	44.18 2.18 -0.02	42.31 2.05 -0.02	41.35 2.16 0.00	42.77 2.31 -0.02	45.19 2.31 -0.02	64.40 3.96 -0.41	82.36 4.84 -12.10	55.96 2.87 0.00	47.21 2.63 0.00	44.99 2.26 0.00	43.09 2.32 0.00	42.63 1.64 0.00	43.80 1.77 0.00	43.95 2.21 -0.02	44.84 2.26 -0.02	46.49 2.46 -0.02	51.98 2.76 -0.02	58.30 3.09 -0.02	73.68 4.25 -5.98	63.06 3.79 -0.02	54.44 3.08 -0.02	52.39 2.54 -6.15	47.68 2.34 -3.59
TRINITY___115KV___4 BK 55933	42.65 0.42 0.00	42.40 0.42 0.00	40.61 0.36 0.00	39.78 0.59 0.00	40.89 0.44 0.00	43.42 0.56 0.00	61.10 1.08 0.00	66.93 1.50 0.00	53.68 0.58 0.00	45.02 0.45 0.00	43.07 0.34 0.00	41.17 0.41 0.00	41.28 0.29 0.00	42.16 0.13 0.00	41.93 0.21 0.00	42.82 0.26 0.00	44.32 0.31 0.00	49.65 0.44 0.00	55.80 0.61 0.00	64.85 1.40 0.00	60.38 1.13 0.00	52.01 0.67 0.00	44.23 0.52 0.00	42.29 0.54 0.00
UNION___PROCESSING_DRP 323587	41.85 -0.38 0.00	41.23 -0.76 0.00	39.60 -0.64 0.00	37.94 -1.25 0.00	39.68 -0.77 0.00	42.09 -0.77 0.00	58.76 -1.26 0.00	63.39 -2.03 0.00	52.24 -0.85 0.00	43.86 -0.71 0.00	42.47 -0.26 0.00	40.56 -0.20 0.00	41.07 0.08 0.00	42.29 0.25 0.00	41.81 0.08 0.00	42.65 0.09 0.00	43.79 -0.22 0.00	48.86 -0.34 0.00	54.48 -0.72 0.00	62.18 -1.27 0.00	58.37 -0.89 0.00	50.73 -0.62 0.00	43.23 -0.48 0.00	41.37 -0.38 0.00
UPPER HUDSON___HYD 24058	44.38 2.15 0.00	44.17 2.18 0.00	42.30 2.05 0.00	41.27 2.08 0.00	42.55 2.10 0.00	45.43 2.57 0.00	64.34 4.32 0.00	70.33 4.91 0.00	56.17 3.08 0.00	46.76 2.18 0.00	44.60 1.88 0.00	42.60 1.84 0.00	42.83 1.85 0.00	43.97 1.93 0.00	43.60 1.88 0.00	44.53 1.96 0.00	46.03 2.03 0.00	51.76 2.56 0.00	58.12 2.92 0.00	67.57 4.12 0.00	62.99 3.74 0.00	54.32 2.98 0.00	45.94 2.23 0.00	43.92 2.17 0.00
UPPER RAQUET___HYD 24056	41.47 -0.76 0.00	41.44 -0.55 0.00	39.64 -0.60 0.00	38.65 -0.55 0.00	39.72 -0.73 0.00	42.22 -0.64 0.00	58.28 -1.74 0.00	62.80 -2.62 0.00	51.77 -1.33 0.00	43.64 -0.94 0.00	41.79 -0.94 0.00	39.71 -1.06 0.00	40.13 -0.86 0.00	41.28 -0.76 0.00	40.97 -0.75 0.00	41.67 -0.90 0.00	43.04 -0.97 0.00	47.68 -1.53 0.00	53.65 -1.55 0.00	60.79 -2.66 0.00	57.12 -2.13 0.00	49.81 -1.54 0.00	42.75 -0.96 0.00	40.87 -0.88 0.00
VALLEY44_115KV_TB2 355964	41.72 -0.51 0.00	40.89 -1.09 0.00	39.24 -1.01 0.00	37.43 -1.76 0.00	39.35 -1.09 0.00	41.74 -1.11 0.00	58.16 -1.86 0.00	62.35 -3.07 0.00	51.45 -1.65 0.00	43.15 -1.43 0.00	41.83 -0.90 0.00	39.99 -0.77 0.00	40.58 -0.41 0.00	41.57 -0.46 0.00	41.02 -0.71 0.00	41.84 -0.72 0.00	42.95 -1.06 0.00	48.02 -1.18 0.00	53.49 -1.71 0.00	60.85 -2.60 0.00	57.30 -1.96 0.00	49.86 -1.49 0.00	42.40 -1.31 0.00	40.91 -0.83 0.00
VALLEY___115KV_TB 1-4 80826	43.11 0.89 0.00	42.87 0.88 0.00	41.09 0.85 0.00	39.98 0.78 0.00	41.25 0.81 0.00	43.76 0.90 0.00	61.34 1.32 0.00	66.73 1.31 0.00	53.73 0.64 0.00	44.98 0.40 0.00	43.11 0.38 0.00	41.13 0.37 0.00	41.36 0.37 0.00	42.41 0.38 0.00	42.02 0.29 0.00	42.74 0.17 0.00	44.14 0.13 0.00	49.21 0.00 0.00	55.09 -0.11 0.00	63.45 0.00 0.00	59.08 -0.18 0.00	51.09 -0.26 0.00	43.49 -0.22 0.00	41.50 -0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.17 1.94 0.00	44.04 2.06 0.00	42.30 2.05 0.00	41.12 1.92 0.00	42.51 2.06 0.00	45.00 2.14 0.00	63.50 3.48 0.00	69.35 3.93 0.00	55.91 2.81 0.00	46.81 2.23 0.00	44.86 2.14 0.00	42.80 2.04 0.00	43.12 2.13 0.00	44.39 2.35 0.00	44.02 2.29 0.00	44.78 2.21 0.00	46.21 2.20 0.00	51.67 2.46 0.00	57.96 2.76 0.00	67.00 3.55 0.00	62.45 3.20 0.00	53.86 2.52 0.00	45.76 2.05 0.00	43.75 2.00 0.00
VISCHER___FERRY HYD 24020	43.32 1.10 0.00	43.07 1.09 0.00	41.25 1.01 0.00	40.25 1.06 0.00	41.54 1.09 0.00	44.14 1.28 0.00	62.36 2.34 0.00	68.30 2.88 0.00	54.74 1.65 0.00	45.82 1.25 0.00	43.84 1.11 0.00	41.82 1.06 0.00	41.93 0.94 0.00	42.92 0.88 0.00	42.64 0.92 0.00	43.55 0.98 0.00	44.97 0.97 0.00	50.53 1.33 0.00	56.85 1.65 0.00	65.99 2.54 0.00	61.51 2.25 0.00	53.04 1.69 0.00	45.02 1.31 0.00	43.05 1.30 0.00
V_A_10_SYNC_DSASP 323832	41.21 -1.01 0.00	40.51 -1.47 0.00	38.92 -1.33 0.00	37.63 -1.57 0.00	38.99 -1.45 0.00	41.40 -1.46 0.00	57.50 -2.52 0.00	61.95 -3.47 0.00	51.13 -1.96 0.00	43.11 -1.47 0.00	41.70 -1.03 0.00	39.99 -0.78 0.00	40.41 -0.57 0.00	41.57 -0.46 0.00	41.02 -0.71 0.00	41.93 -0.64 0.00	43.17 -0.84 0.00	47.88 -1.33 0.00	53.16 -2.04 0.00	60.72 -2.73 0.00	57.12 -2.13 0.00	49.75 -1.59 0.00	42.53 -1.18 0.00	40.66 -1.09 0.00
V_CMM_10_SYNC_DSASP 323787	42.23 0.00 0.00	42.11 0.13 0.00	40.33 0.08 0.00	39.27 0.08 0.00	40.40 -0.04 0.00	42.82 -0.04 0.00	59.36 -0.66 0.00	64.25 -1.18 0.00	52.93 -0.16 0.00	44.53 -0.04 0.00	42.64 -0.09 0.00	40.60 -0.16 0.00	40.95 -0.04 0.00	42.03 0.00 0.00	41.72 0.00 0.00	42.53 -0.04 0.00	43.96 -0.04 0.00	48.91 -0.29 0.00	54.92 -0.27 0.00	62.31 -1.14 0.00	58.43 -0.83 0.00	50.99 -0.36 0.00	43.58 -0.13 0.00	41.67 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	42.56 0.34 0.00	42.49 0.51 0.00	40.73 0.48 0.00	39.78 0.59 0.00	40.97 0.52 0.00	43.63 0.77 0.00	60.80 0.78 0.00	65.55 0.13 0.00	54.42 1.33 0.00	45.64 1.07 0.00	43.67 0.94 0.00	41.50 0.73 0.00	41.93 0.94 0.00	43.04 1.01 0.00	42.69 0.96 0.00	43.50 0.94 0.00	44.97 0.97 0.00	50.09 0.89 0.00	56.24 1.05 0.00	63.64 0.19 0.00	59.91 0.65 0.00	52.12 0.77 0.00	44.50 0.79 0.00	42.50 0.75 0.00
V_D_10_SYNC_DSASP 323841	42.44 0.21 0.00	42.36 0.38 0.00	40.53 0.28 0.00	39.51 0.31 0.00	40.61 0.16 0.00	43.07 0.22 0.00	59.48 -0.54 0.00	64.25 -1.18 0.00	52.99 -0.11 0.00	44.71 0.13 0.00	42.81 0.09 0.00	40.72 -0.04 0.00	41.11 0.12 0.00	42.25 0.21 0.00	41.93 0.21 0.00	42.70 0.13 0.00	44.14 0.13 0.00	48.96 -0.24 0.00	54.98 -0.22 0.00	62.31 -1.14 0.00	58.48 -0.77 0.00	51.04 -0.31 0.00	43.80 0.09 0.00	41.88 0.13 0.00
V_E_10_SYNC_DSASP 323830	46.54 4.31 0.00	46.39 4.41 0.00	44.43 4.19 0.00	43.12 3.92 0.00	44.49 4.04 0.00	47.53 4.67 0.00	67.46 7.44 0.00	73.20 7.78 0.00	58.45 5.36 0.00	48.59 4.01 0.00	46.49 3.76 0.00	44.19 3.42 0.00	44.55 3.56 0.00	46.03 4.00 0.00	45.61 3.88 0.00	45.67 3.11 0.00	47.13 3.12 0.00	52.80 3.59 0.00	59.45 4.25 0.00	68.71 5.26 0.00	64.11 4.86 0.00	54.99 3.65 0.00	46.68 2.97 0.00	44.55 2.80 0.00
V_F_30_NSYNC___DSASP 323816	44.04 1.81 0.00	43.83 1.85 0.00	41.98 1.73 0.00	40.92 1.72 0.00	42.22 1.78 0.00	44.96 2.10 0.00	63.50 3.48 0.00	69.41 3.99 0.00	55.54 2.44 0.00	46.36 1.78 0.00	44.31 1.58 0.00	42.31 1.55 0.00	42.51 1.52 0.00	43.59 1.56 0.00	43.31 1.59 0.00	44.19 1.62 0.00	45.72 1.71 0.00	51.37 2.16 0.00	57.68 2.49 0.00	67.00 3.55 0.00	62.45 3.20 0.00	53.81 2.46 0.00	45.63 1.92 0.00	43.63 1.88 0.00

V_F_30_SYNC_DSASP 323786	42.78 0.55 0.00	42.53 0.55 0.00	40.73 0.48 0.00	39.90 0.71 0.00	41.05 0.61 0.00	43.54 0.69 0.00	61.34 1.32 0.00	67.12 1.70 0.00	53.83 0.74 0.00	45.16 0.58 0.00	43.20 0.47 0.00	41.30 0.53 0.00	41.44 0.45 0.00	42.33 0.29 0.00	42.14 0.42 0.00	42.99 0.43 0.00	44.49 0.48 0.00	49.85 0.64 0.00	55.97 0.77 0.00	65.04 1.59 0.00	60.56 1.30 0.00	52.17 0.82 0.00	44.36 0.66 0.00	42.42 0.67 0.00
V_XM_10_SYNC_DSASP 323789	42.56 0.34 0.00	42.49 0.51 0.00	40.73 0.48 0.00	39.78 0.59 0.00	40.97 0.52 0.00	43.63 0.77 0.00	60.80 0.78 0.00	65.55 0.13 0.00	54.42 1.33 0.00	45.64 1.07 0.00	43.67 0.94 0.00	41.50 0.73 0.00	41.93 0.94 0.00	43.04 1.01 0.00	42.69 0.96 0.00	43.50 0.94 0.00	44.97 0.97 0.00	50.09 0.89 0.00	56.24 1.05 0.00	63.64 0.19 0.00	59.91 0.65 0.00	52.12 0.77 0.00	44.50 0.79 0.00	42.50 0.75 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.75 1.52 0.00	43.50 1.51 0.00	41.61 1.37 0.00	40.69 1.49 0.00	41.94 1.50 0.00	44.44 1.59 0.00	62.96 2.94 0.00	69.15 3.73 0.00	55.27 2.18 0.00	46.45 1.87 0.00	44.44 1.71 0.00	42.48 1.71 0.00	42.55 1.56 0.00	43.46 1.43 0.00	43.27 1.54 0.00	44.19 1.62 0.00	45.81 1.80 0.00	51.27 2.07 0.00	57.57 2.37 0.00	66.94 3.49 0.00	62.34 3.08 0.00	53.61 2.26 0.00	45.54 1.84 0.00	43.42 1.67 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.21 1.98 0.00	43.96 1.97 0.00	41.98 1.73 0.00	41.08 1.88 0.00	42.35 1.90 0.00	44.96 2.10 0.00	63.92 3.90 0.00	70.39 4.97 0.00	56.28 3.19 0.00	47.30 2.72 0.00	45.21 2.48 0.00	43.21 2.45 0.00	43.28 2.30 0.00	44.22 2.19 0.00	43.94 2.21 0.00	44.91 2.34 0.00	46.65 2.64 0.00	52.26 3.05 0.00	58.67 3.48 0.00	68.08 4.63 0.00	63.40 4.15 0.00	54.58 3.23 0.00	46.24 2.54 0.00	43.96 2.21 0.00
W50THST__13_KV_LOAD 356117	44.42 2.20 0.00	44.08 2.10 0.00	42.14 1.89 0.00	41.23 2.04 0.00	42.51 2.06 0.00	45.13 2.27 0.00	64.34 4.32 0.00	70.85 5.43 0.00	56.70 3.61 0.00	47.65 3.08 0.00	45.55 2.82 0.00	43.58 2.81 0.00	43.65 2.66 0.00	44.60 2.56 0.00	44.31 2.59 0.00	45.29 2.72 0.00	47.04 3.04 0.00	52.70 3.49 0.00	59.06 3.86 0.00	68.53 5.08 0.00	63.82 4.56 0.00	54.89 3.54 0.00	46.42 2.71 0.00	44.17 2.42 0.00
WADING RIVER_IC_1 23522	44.14 1.90 -0.01	44.56 2.56 -0.01	41.94 1.69 -0.01	40.92 1.72 0.00	43.00 2.55 -0.01	45.61 2.75 -0.01	65.59 5.34 -0.23	78.21 5.95 -6.84	55.42 2.33 0.00	46.09 1.52 0.00	44.44 1.71 0.00	42.56 1.79 0.00	41.15 0.16 0.00	42.46 0.42 0.00	43.03 1.29 -0.01	44.11 1.53 -0.01	45.86 1.85 -0.01	51.62 2.41 -0.01	57.58 2.37 -0.01	72.55 5.71 -3.38	63.47 4.21 -0.01	54.65 3.29 -0.01	49.98 2.80 -3.47	46.66 2.88 -2.03
WADING RIVER_IC_2 23547	44.14 1.90 -0.01	44.56 2.56 -0.01	41.94 1.69 -0.01	40.92 1.72 0.00	43.00 2.55 -0.01	45.61 2.75 -0.01	65.59 5.34 -0.23	78.21 5.95 -6.84	55.42 2.33 0.00	46.09 1.52 0.00	44.44 1.71 0.00	42.56 1.79 0.00	41.15 0.16 0.00	42.46 0.42 0.00	43.03 1.29 -0.01	44.11 1.53 -0.01	45.86 1.85 -0.01	51.62 2.41 -0.01	57.58 2.37 -0.01	72.55 5.71 -3.38	63.47 4.21 -0.01	54.65 3.29 -0.01	49.98 2.80 -3.47	46.66 2.88 -2.03
WADING RIVER_IC_3 23601	44.14 1.90 -0.01	44.56 2.56 -0.01	41.94 1.69 -0.01	40.92 1.72 0.00	43.00 2.55 -0.01	45.61 2.75 -0.01	65.59 5.34 -0.23	78.21 5.95 -6.84	55.42 2.33 0.00	46.09 1.52 0.00	44.44 1.71 0.00	42.56 1.79 0.00	41.15 0.16 0.00	42.46 0.42 0.00	43.03 1.29 -0.01	44.11 1.53 -0.01	45.86 1.85 -0.01	51.62 2.41 -0.01	57.58 2.37 -0.01	72.55 5.71 -3.38	63.47 4.21 -0.01	54.65 3.29 -0.01	49.98 2.80 -3.47	46.66 2.88 -2.03
WALDENNY_12_KV_BK2 80841	41.68 -0.55 0.00	40.73 -1.26 0.00	39.04 -1.21 0.00	37.08 -2.12 0.00	39.19 -1.25 0.00	41.53 -1.33 0.00	57.44 -2.58 0.00	61.50 -3.93 0.00	51.23 -1.86 0.00	43.11 -1.47 0.00	42.09 -0.64 0.00	40.28 -0.49 0.00	40.99 0.00 0.00	42.08 0.04 0.00	41.47 -0.25 0.00	42.31 -0.26 0.00	43.21 -0.79 0.00	48.22 -0.98 0.00	53.38 -1.82 0.00	60.47 -2.98 0.00	57.18 -2.07 0.00	49.96 -1.39 0.00	42.57 -1.14 0.00	40.96 -0.79 0.00
WALDEN__HYDRO 24148	43.66 1.44 0.00	43.41 1.43 0.00	41.57 1.33 0.00	40.61 1.41 0.00	41.86 1.42 0.00	44.36 1.50 0.00	62.84 2.82 0.00	68.89 3.47 0.00	55.11 2.02 0.00	46.27 1.69 0.00	44.22 1.50 0.00	42.23 1.47 0.00	42.30 1.31 0.00	43.25 1.22 0.00	43.06 1.34 0.00	43.97 1.40 0.00	45.64 1.63 0.00	51.08 1.87 0.00	57.40 2.21 0.00	66.69 3.24 0.00	62.10 2.84 0.00	53.40 2.05 0.00	45.37 1.66 0.00	43.25 1.50 0.00
WARRENSBURG____ 23737	44.38 2.15 0.00	44.17 2.18 0.00	42.30 2.05 0.00	41.35 2.16 0.00	42.55 2.10 0.00	45.43 2.57 0.00	64.34 4.32 0.00	70.33 4.91 0.00	56.17 3.08 0.00	46.76 2.18 0.00	44.61 1.88 0.00	42.60 1.83 0.00	42.83 1.84 0.00	43.97 1.93 0.00	43.60 1.88 0.00	44.53 1.96 0.00	46.08 2.07 0.00	51.76 2.56 0.00	58.12 2.93 0.00	67.58 4.12 0.00	62.99 3.73 0.00	54.27 2.93 0.00	45.94 2.23 0.00	43.92 2.17 0.00
WATERSIDE____6 8 9 23538	42.84 2.24 1.63	42.50 2.18 1.67	40.32 1.93 1.86	39.27 2.08 2.01	40.63 2.10 1.91	43.98 2.27 1.15	64.04 4.02 0.00	70.52 5.10 0.00	59.63 3.29 -3.25	56.65 2.81 -9.27	55.43 2.56 -10.14	55.61 2.57 -12.28	56.24 2.38 -12.87	56.50 2.27 -12.19	56.40 2.34 -12.34	56.70 2.47 -11.66	57.74 2.73 -11.00	54.42 3.20 -2.02	58.90 3.59 -0.12	68.20 4.76 0.01	63.51 4.27 0.01	54.80 3.44 -0.01	46.41 2.71 0.01	42.83 2.42 1.34
WATKINRD_115KV_LN8_ILLION 55919	43.37 1.14 0.00	43.16 1.18 0.00	41.37 1.13 0.00	40.22 1.02 0.00	41.54 1.09 0.00	44.06 1.20 0.00	61.76 1.74 0.00	67.12 1.70 0.00	53.94 0.85 0.00	45.11 0.53 0.00	43.24 0.51 0.00	41.25 0.49 0.00	41.48 0.49 0.00	42.54 0.50 0.00	42.10 0.38 0.00	42.82 0.26 0.00	44.23 0.22 0.00	49.25 0.05 0.00	55.09 -0.11 0.00	63.45 0.00 0.00	59.08 -0.18 0.00	51.04 -0.31 0.00	43.40 -0.31 0.00	41.42 -0.33 0.00
WATSON__69_KV_BK 1 55734	45.32 3.08 -0.01	45.18 3.19 -0.01	42.99 2.74 -0.01	41.98 2.78 0.00	43.57 3.11 -0.01	46.21 3.34 -0.01	66.02 5.76 -0.24	79.16 6.67 -7.07	56.97 3.88 0.00	47.96 3.39 0.00	45.68 2.95 0.00	43.78 3.02 0.00	42.87 1.89 0.00	44.22 2.19 0.00	44.57 2.84 -0.01	45.60 3.02 -0.01	47.36 3.34 -0.01	53.00 3.79 -0.01	59.46 4.25 -0.01	73.29 6.35 -3.49	64.89 5.63 -0.01	55.77 4.42 -0.01	51.01 3.72 -3.59	47.35 3.51 -2.10
WDELAWARE__HYD 323627	44.38 2.15 0.00	44.12 2.14 0.00	42.26 2.01 0.00	41.15 1.96 0.00	42.55 2.10 0.00	45.04 2.18 0.00	63.92 3.90 0.00	69.81 4.38 0.00	55.90 2.81 0.00	46.80 2.23 0.00	44.78 2.05 0.00	42.60 1.84 0.00	42.75 1.76 0.00	43.80 1.77 0.00	43.60 1.88 0.00	44.44 1.87 0.00	46.08 2.07 0.00	51.66 2.46 0.00	57.96 2.76 0.00	67.39 3.94 0.00	62.69 3.44 0.00	53.81 2.46 0.00	45.72 2.01 0.00	43.71 1.96 0.00

WEST BABYLON___IC 23714	45.19 2.96 -0.01	45.02 3.02 -0.01	42.91 2.66 -0.01	41.90 2.70 0.00	43.45 2.99 -0.01	46.04 3.17 -0.01	65.62 5.34 -0.26	79.25 6.28 -7.55	56.75 3.66 0.00	47.83 3.25 0.00	45.50 2.78 0.00	43.62 2.85 0.00	42.83 1.84 0.00	44.14 2.10 0.00	44.49 2.75 -0.01	45.47 2.89 -0.01	47.23 3.21 -0.01	52.81 3.59 -0.01	59.29 4.08 -0.01	73.02 5.84 -3.73	64.48 5.21 -0.01	55.52 4.16 -0.01	51.04 3.50 -3.84	47.29 3.30 -2.24
WEST CANADA___HYD 24049	42.40 0.17 0.00	42.20 0.21 0.00	40.45 0.20 0.00	39.39 0.20 0.00	40.65 0.20 0.00	43.07 0.22 0.00	60.50 0.48 0.00	66.01 0.59 0.00	53.30 0.21 0.00	44.76 0.18 0.00	42.90 0.17 0.00	40.93 0.16 0.00	41.11 0.12 0.00	42.16 0.13 0.00	41.89 0.17 0.00	42.70 0.13 0.00	44.14 0.13 0.00	49.40 0.20 0.00	55.42 0.22 0.00	63.90 0.45 0.00	59.61 0.36 0.00	51.55 0.21 0.00	43.84 0.13 0.00	41.88 0.13 0.00
WESTERN_NY_WIND 24143	41.97 -0.25 0.00	41.10 -0.88 0.00	39.52 -0.72 0.00	37.51 -1.69 0.00	39.60 -0.85 0.00	42.00 -0.86 0.00	58.34 -1.68 0.00	62.48 -2.94 0.00	51.92 -1.17 0.00	43.51 -1.07 0.00	42.34 -0.38 0.00	40.44 -0.33 0.00	41.15 0.16 0.00	42.37 0.34 0.00	41.77 0.04 0.00	42.61 0.04 0.00	43.65 -0.35 0.00	48.71 -0.49 0.00	54.15 -1.05 0.00	61.55 -1.90 0.00	58.01 -1.24 0.00	50.63 -0.72 0.00	43.18 -0.52 0.00	41.42 -0.33 0.00
WESTOVER___LESR 323668	42.52 0.30 0.00	42.15 0.17 0.00	40.41 0.16 0.00	39.16 -0.04 0.00	40.61 0.16 0.00	42.99 0.13 0.00	60.38 0.36 0.00	65.55 0.13 0.00	53.25 0.16 0.00	44.67 0.09 0.00	42.98 0.26 0.00	41.01 0.24 0.00	41.32 0.33 0.00	42.41 0.38 0.00	42.02 0.29 0.00	42.95 0.38 0.00	44.32 0.31 0.00	49.55 0.34 0.00	55.47 0.28 0.00	63.77 0.32 0.00	59.67 0.41 0.00	51.55 0.21 0.00	43.88 0.17 0.00	42.00 0.25 0.00
WETHRSFD_WT_PWR 323626	41.64 -0.59 0.00	40.85 -1.13 0.00	39.20 -1.05 0.00	37.82 -1.37 0.00	39.19 -1.25 0.00	41.66 -1.20 0.00	57.98 -2.04 0.00	62.35 -3.07 0.00	51.23 -1.86 0.00	43.06 -1.52 0.00	41.62 -1.11 0.00	39.75 -1.02 0.00	40.17 -0.82 0.00	41.36 -0.67 0.00	40.81 -0.92 0.00	41.80 -0.76 0.00	43.08 -0.93 0.00	47.93 -1.28 0.00	53.32 -1.88 0.00	60.91 -2.54 0.00	57.30 -1.95 0.00	49.81 -1.54 0.00	42.53 -1.18 0.00	40.66 -1.09 0.00
WHAVSTOR_138KV_BK127 55557	43.62 1.39 0.00	43.37 1.39 0.00	41.49 1.25 0.00	40.61 1.41 0.00	41.82 1.38 0.00	44.32 1.46 0.00	62.72 2.70 0.00	68.89 3.47 0.00	55.11 2.02 0.00	46.31 1.74 0.00	44.27 1.54 0.00	42.36 1.59 0.00	42.38 1.39 0.00	43.30 1.26 0.00	43.10 1.38 0.00	44.02 1.45 0.00	45.64 1.63 0.00	51.08 1.87 0.00	57.35 2.15 0.00	66.69 3.24 0.00	62.10 2.84 0.00	53.45 2.11 0.00	45.41 1.70 0.00	43.29 1.54 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.62 1.39 0.00	43.37 1.39 0.00	41.49 1.25 0.00	40.61 1.41 0.00	41.82 1.38 0.00	44.32 1.46 0.00	62.72 2.70 0.00	68.89 3.47 0.00	55.11 2.02 0.00	46.31 1.74 0.00	44.27 1.54 0.00	42.36 1.59 0.00	42.38 1.39 0.00	43.30 1.26 0.00	43.10 1.38 0.00	44.02 1.45 0.00	45.64 1.63 0.00	51.08 1.87 0.00	57.35 2.15 0.00	66.69 3.24 0.00	62.10 2.84 0.00	53.45 2.11 0.00	45.41 1.70 0.00	43.29 1.54 0.00
WHITEHAL_115KV_TB1 80871	44.93 2.70 0.00	44.71 2.73 0.00	42.82 2.58 0.00	41.86 2.67 0.00	43.07 2.63 0.00	46.12 3.26 0.00	65.48 5.46 0.00	71.44 6.02 0.00	56.86 3.77 0.00	47.21 2.63 0.00	44.95 2.22 0.00	42.93 2.16 0.00	43.16 2.17 0.00	44.35 2.31 0.00	44.02 2.29 0.00	44.91 2.34 0.00	46.52 2.51 0.00	52.40 3.20 0.00	58.90 3.70 0.00	68.65 5.20 0.00	64.00 4.74 0.00	55.04 3.70 0.00	46.46 2.75 0.00	44.46 2.71 0.00
WHITEPLN_13_KV_LOAD 356215	44.42 2.20 0.00	44.13 2.14 0.00	42.22 1.97 0.00	41.27 2.08 0.00	42.55 2.10 0.00	45.13 2.27 0.00	63.98 3.96 0.00	70.46 5.04 0.00	56.28 3.19 0.00	47.25 2.67 0.00	45.16 2.44 0.00	43.13 2.36 0.00	43.24 2.25 0.00	44.26 2.23 0.00	44.06 2.34 0.00	44.99 2.43 0.00	46.65 2.64 0.00	52.35 3.15 0.00	58.73 3.53 0.00	68.27 4.82 0.00	63.52 4.27 0.00	54.68 3.34 0.00	46.33 2.62 0.00	44.09 2.34 0.00
WM_FLOYD_69_KV_BK2 356380	44.60 2.36 -0.01	44.81 2.81 -0.01	42.39 2.13 -0.01	41.39 2.19 0.00	43.20 2.75 -0.01	45.83 2.96 -0.01	65.90 5.64 -0.24	78.82 6.54 -6.85	56.38 3.29 0.00	47.25 2.67 0.00	45.12 2.39 0.00	43.25 2.49 0.00	42.05 1.07 0.00	43.38 1.35 0.00	43.74 2.00 -0.01	44.79 2.21 -0.01	46.61 2.60 -0.01	52.27 3.05 -0.01	58.57 3.37 -0.01	72.93 6.09 -3.39	64.30 5.04 -0.01	55.26 3.90 -0.01	50.42 3.23 -3.48	46.91 3.13 -2.03
WOODARD___115KV_TB2 355635	41.97 -0.25 0.00	41.65 -0.34 0.00	39.92 -0.32 0.00	38.76 -0.43 0.00	40.08 -0.36 0.00	42.52 -0.34 0.00	59.72 -0.30 0.00	65.03 -0.39 0.00	52.83 -0.27 0.00	44.31 -0.27 0.00	42.60 -0.13 0.00	40.64 -0.12 0.00	40.95 -0.04 0.00	42.08 0.04 0.00	41.68 -0.04 0.00	42.57 0.00 0.00	43.92 0.00 0.00	49.11 -0.10 0.00	54.98 -0.22 0.00	63.26 -0.19 0.00	59.14 -0.12 0.00	51.09 -0.26 0.00	43.45 -0.26 0.00	41.50 -0.25 0.00
YORK___WARBASSE 23770	56.26 2.58 -11.46	56.26 2.52 -11.76	55.59 2.25 -13.09	55.70 2.39 -14.12	56.33 2.43 -13.46	56.35 2.61 -10.88	64.47 4.44 -0.01	71.05 5.63 0.00	66.01 3.61 -9.31	73.15 3.03 -25.55	73.74 2.78 -28.23	76.48 2.73 -32.98	77.16 2.58 -33.59	76.27 2.48 -31.76	76.42 2.55 -32.15	75.57 2.68 -30.32	75.55 2.99 -28.55	103.92 3.44 -51.27	68.19 3.92 -9.07	68.71 5.20 -0.06	66.03 4.68 -2.09	87.67 3.70 -32.63	61.64 2.97 -14.96	57.16 2.76 -12.66